

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115352.D
 Acq On : 2 Jul 2019 9:49
 Operator : HP/JU
 Sample : PB121059BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:31 PM

Quant Time: Jul 02 12:10:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 02 12:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	181164	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	701787	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	346212	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	692690	20.00	ng	0.00
76) Chrysene-d12	13.73	240	477515	20.00	ng	0.00
87) Perylene-d12	15.09	264	583431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	847794	72.22	ng	0.01
7) Phenol-d6	6.25	99	1029297	72.24	ng	0.00
23) Nitrobenzene-d5	7.17	82	926575	81.22	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	323593	88.63	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1845304	90.54	ng	0.00
79) Terphenyl-d14	12.69	244	2018676	89.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	198817	35.884	ng	99
3) Pyridine	2.90	79	475129	30.426	ng	98
4) n-Nitrosodimethylamine	2.85	42	191899	31.346	ng	98
6) Aniline	6.26	93	489163	24.978	ng	# 85
8) 2-Chlorophenol	6.39	128	498346	37.751	ng	97
9) Benzaldehyde	6.14	77	277594	29.861	ng	97
10) Phenol	6.26	94	576932	34.565	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	437605	35.567	ng	99
12) 1,3-Dichlorobenzene	6.54	146	538992	36.790	ng	98
13) 1,4-Dichlorobenzene	6.62	146	550279	37.457	ng	98
14) 1,2-Dichlorobenzene	6.77	146	507820	37.327	ng	98
15) Benzyl Alcohol	6.75	79	268018	25.831	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	617159	34.585	ng	99
17) 2-Methylphenol	6.87	107	436442	40.055	ng	99
18) Hexachloroethane	7.11	117	192704	36.384	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	314416	34.466	ng	98
20) 3+4-Methylphenols	7.02	107	506185	40.232	ng	# 73
22) Acetophenone	7.01	105	666262	41.470	ng	# 99
24) Nitrobenzene	7.18	77	492073	39.152	ng	99
25) Isophorone	7.42	82	877905	37.565	ng	100
26) 2-Nitrophenol	7.50	139	275250	44.347	ng	95
27) 2,4-Dimethylphenol	7.55	122	459381	45.204	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	572928	38.787	ng	100
29) 2,4-Dichlorophenol	7.75	162	435467	41.523	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	469056	40.491	ng	99
31) Naphthalene	7.91	128	1418332	41.172	ng	99
32) Benzoic acid	7.68	122	291337	40.162	ng	97
33) 4-Chloroaniline	7.95	127	379415	24.099	ng	100
34) Hexachlorobutadiene	8.03	225	253178	39.882	ng	98
35) Caprolactam	8.32	113	138611m	39.312	ng	
36) 4-Chloro-3-methylphenol	8.45	107	435255	40.981	ng	98
37) 2-Methylnaphthalene	8.60	142	971425	41.823	ng	99
38) 1-Methylnaphthalene	8.70	142	902515	40.684	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	424890	43.430	ng	98

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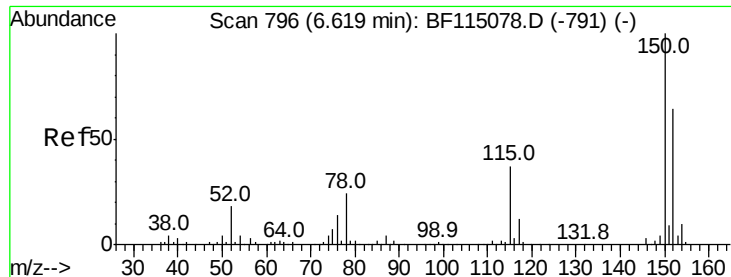
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	484095	83.448	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	300509	39.786	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	341951	43.962	nq	97
46) 1,1'-Biphenyl	9.06	154	1153804	41.651	nq	99
47) 2-Chloronaphthalene	9.08	162	913898	40.671	nq	98
48) 2-Nitroaniline	9.18	65	263922	40.287	nq	95
49) Acenaphthylene	9.50	152	1442908	41.214	nq	98
50) Dimethylphthalate	9.37	163	1054709	41.407	nq	99
51) 2,6-Dinitrotoluene	9.42	165	247603	42.105	nq	96
52) Acenaphthene	9.67	154	827380	37.767	nq	99
53) 3-Nitroaniline	9.58	138	187874	26.180	nq	97
54) 2,4-Dinitrophenol	9.70	184	260550	85.544	nq	99
55) Dibenzofuran	9.84	168	1263005	40.168	nq	99
56) 4-Nitrophenol	9.76	139	419577	72.929	nq	95
57) 2,4-Dinitrotoluene	9.82	165	320563	42.218	nq	98
58) Fluorene	10.18	166	913125	43.381	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	285755	43.813	nq	100
60) Diethylphthalate	10.07	149	1021110	39.881	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	441413	44.258	nq	97
62) 4-Nitroaniline	10.20	138	273149	37.942	nq	97
63) Azobenzene	10.33	77	936527	39.160	nq	96
65) 4,6-Dinitro-2-methylphenol	10.23	198	166206	45.395	nq	94
66) n-Nitrosodiphenylamine	10.29	169	875994	40.592	nq	99
67) 4-Bromophenyl-phenylether	10.66	248	301470	40.142	nq	96
68) Hexachlorobenzene	10.72	284	329727	40.448	nq	95
69) Atrazine	10.82	200	283088	40.779	nq	99
70) Pentachlorophenol	10.92	266	397765	76.592	nq	98
71) Phenanthrene	11.13	178	1451249	38.912	nq	100
72) Anthracene	11.18	178	1496941	39.762	nq	99
73) Carbazole	11.34	167	1364882	40.600	nq	99
74) Di-n-butylphthalate	11.68	149	1586875	40.849	nq	98
75) Fluoranthene	12.31	202	1505640	40.462	nq	98
77) Benzidine	12.43	184	706841	33.336	nq	99
78) Pyrene	12.54	202	1538151	41.915	nq	99
80) Butylbenzylphthalate	13.17	149	691098	42.674	nq	100
81) Benzo(a)anthracene	13.72	228	1368033	39.927	nq	100
82) 3,3'-Dichlorobenzidine	13.68	252	419499	33.904	nq	99
83) Chrysene	13.75	228	1343265	42.798	nq	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	910245	42.895	nq	99
85) Di-n-octyl phthalate	14.34	149	1600714	44.896	nq	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1564123	42.116	nq	99
88) Benzo(b)fluoranthene	14.72	252	1444200	39.671	nq	100
89) Benzo(k)fluoranthene	14.75	252	1321412	40.476	nq	99
90) Benzo(a)pyrene	15.04	252	1370258	41.761	nq	99
91) Dibenzo(a,h)anthracene	16.39	278	1281529	41.836	nq	100
92) Benzo(g,h,i)perylene	16.76	276	1298779	41.892	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

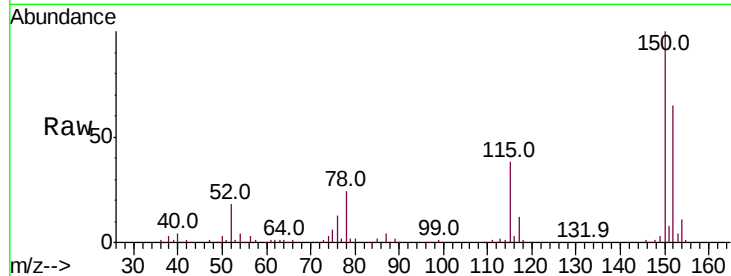
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.2	187.8
115	59.0	48.2	72.2

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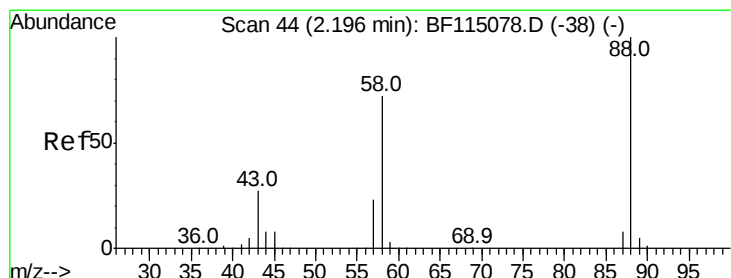
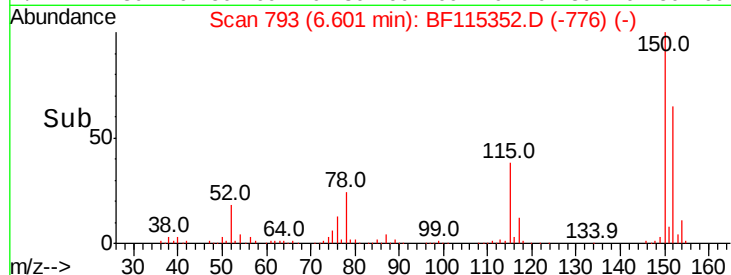
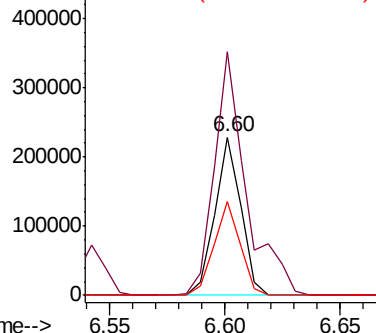


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

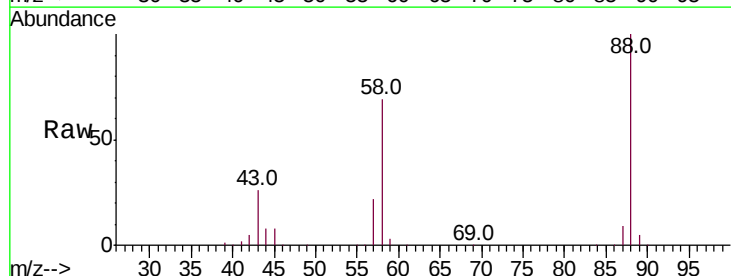
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.884 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.09 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	54.8	82.2
43	25.9	21.0	31.6

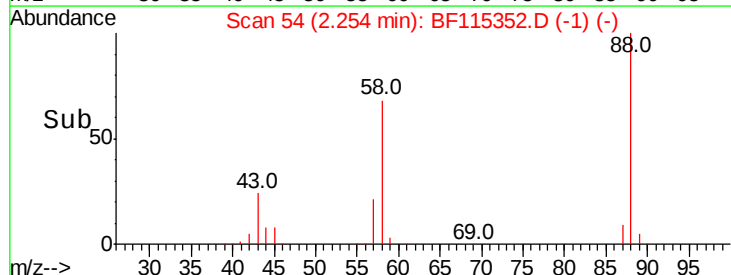
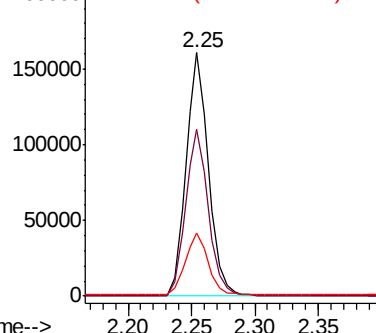


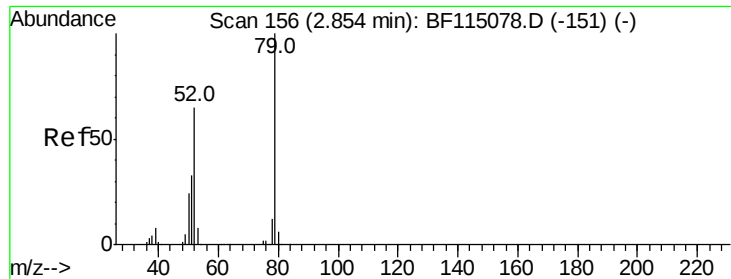
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.426 ng

RT: 2.90 min Scan# 164

Delta R.T. 0.08 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

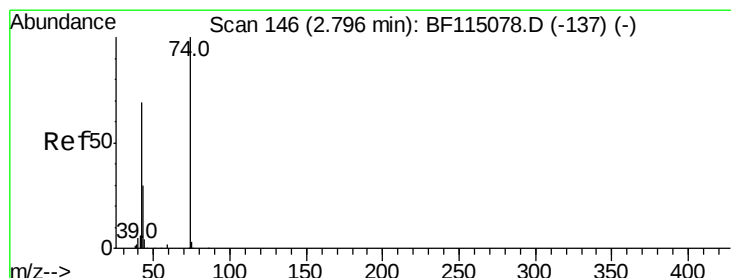
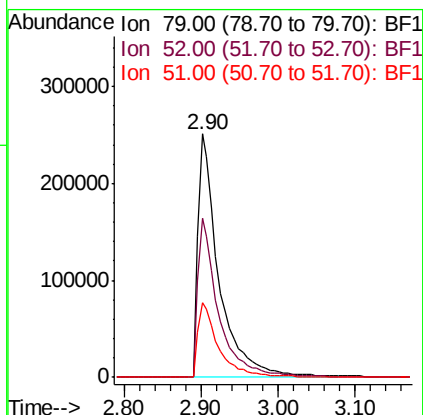
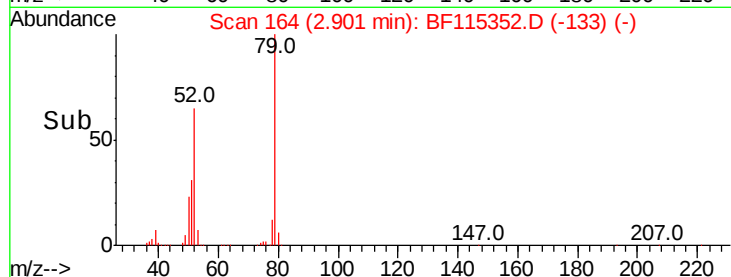
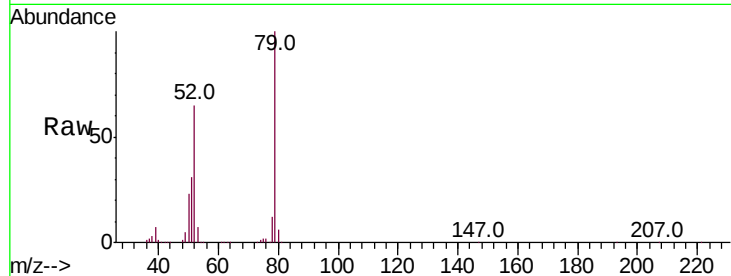
ClientSampleId :

PB121059BSD

Tot Ion:	79	Resp:	475129
Ion Ratio	Lower	Upper	
79	100		
52	65.4	50.9	76.3
51	30.9	25.0	37.4

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#4

n-Nitrosodimethylamine

Concen: 31.346 ng

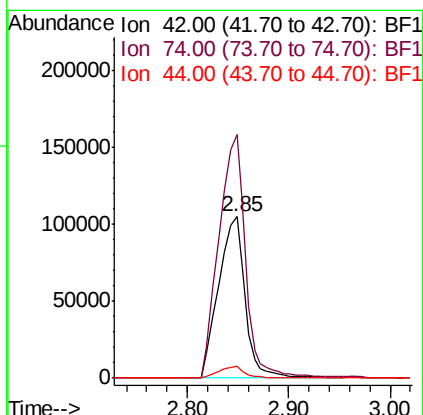
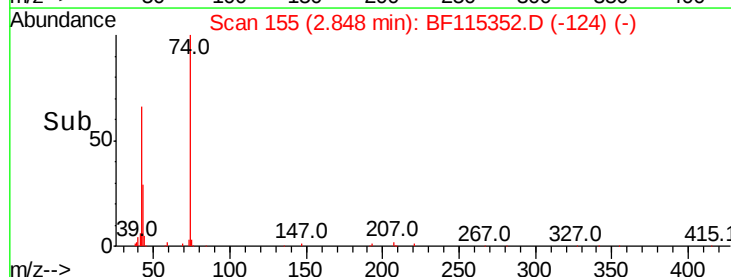
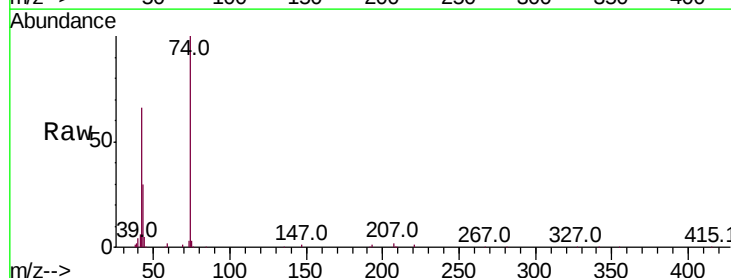
RT: 2.85 min Scan# 155

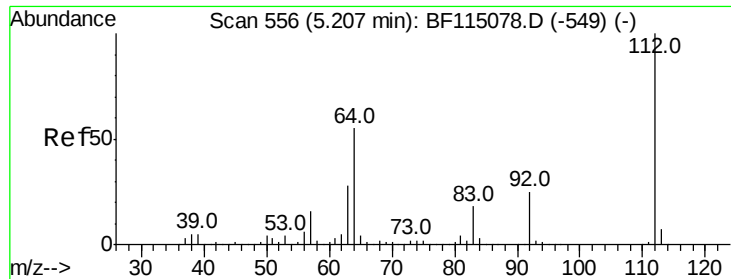
Delta R.T. 0.08 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	42	Resp:	191899
Ion Ratio	Lower	Upper	
42	100		
74	151.1	119.1	178.7
44	7.3	5.4	8.2





#5

2-Fluorophenol

Concen: 72.216 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

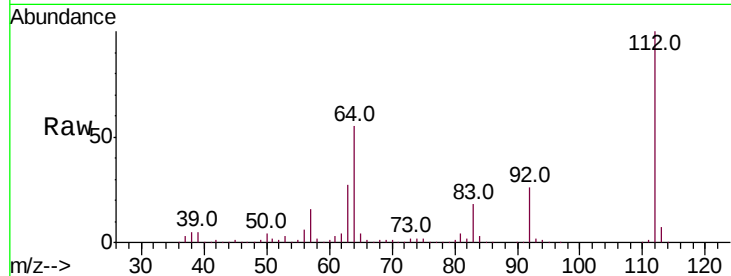
ClientSampleId :

PB121059BSD

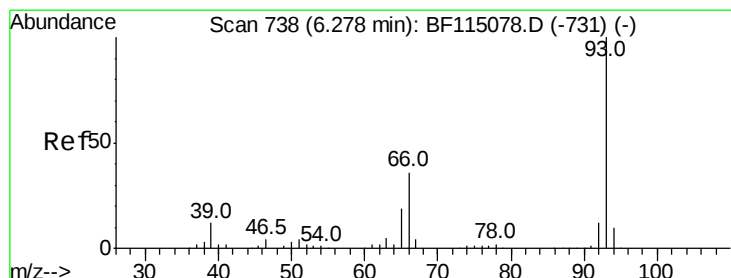
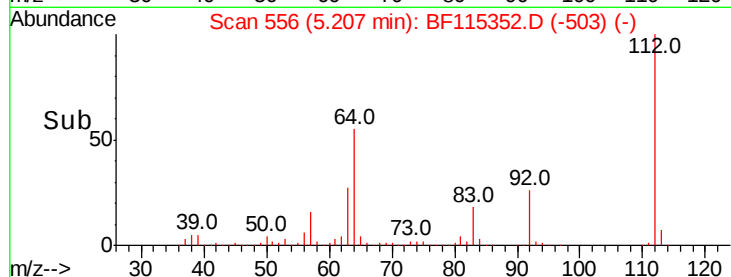
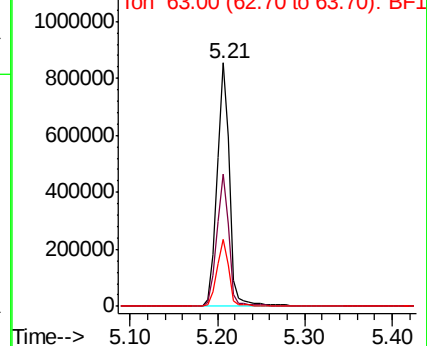
Tot Ion:	112	Resp:	847794
Ion Ratio	Lower	Upper	
112	100		
64	54.5	44.2	66.2
63	27.4	22.3	33.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.978 ng

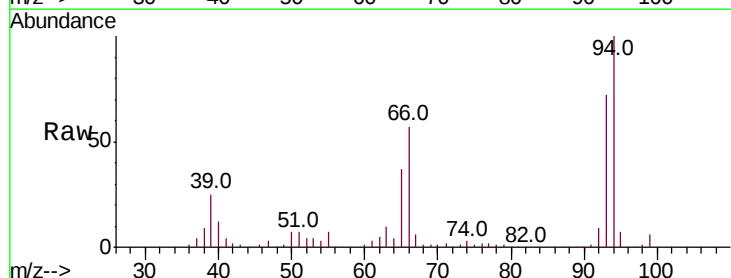
RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

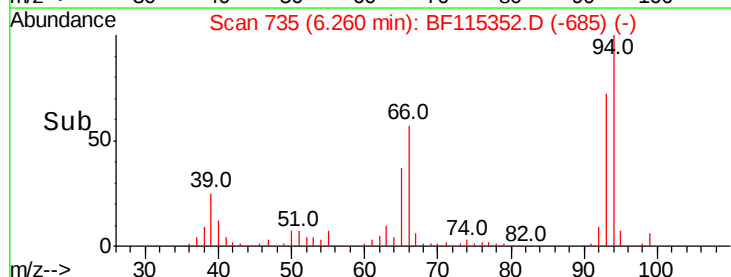
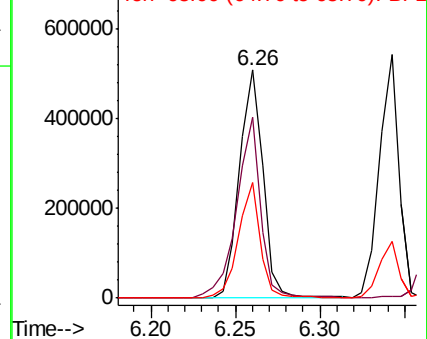
Lab File: BF115352.D

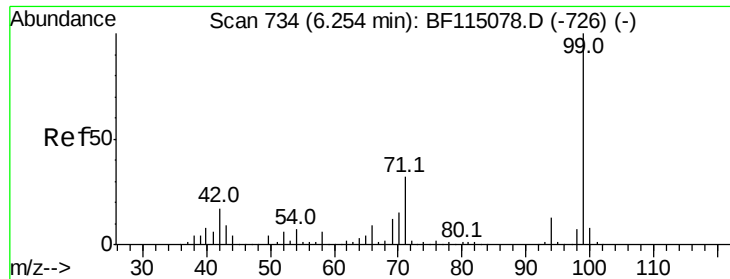
Acq: 2 Jul 2019 9:49

Tgt Ion:	93	Resp:	489163
Ion Ratio	Lower	Upper	
93	100		
66	79.2	53.8	80.6
65	50.9	33.5	50.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.236 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion: 99 Resp: 1029297

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.2

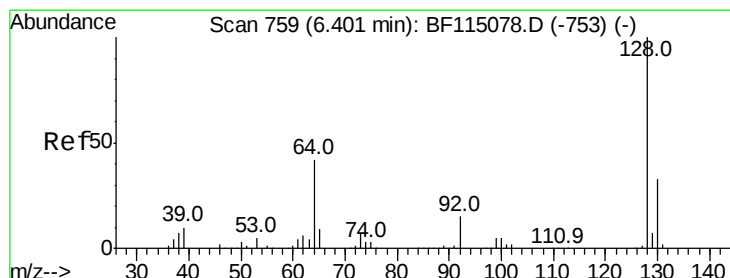
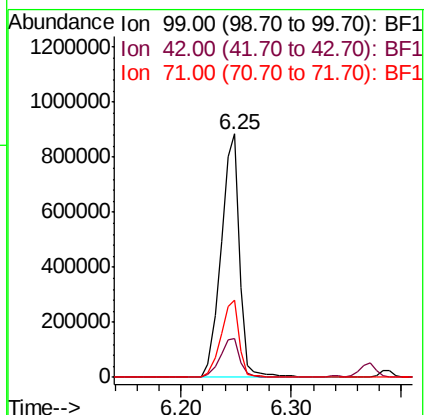
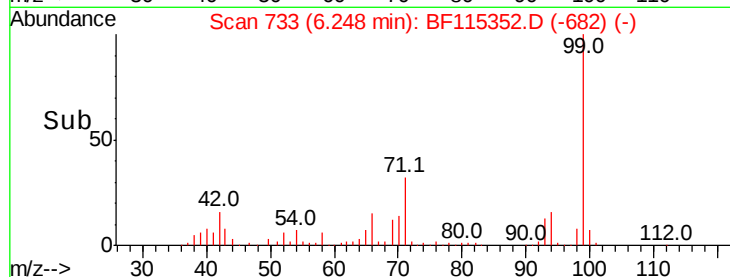
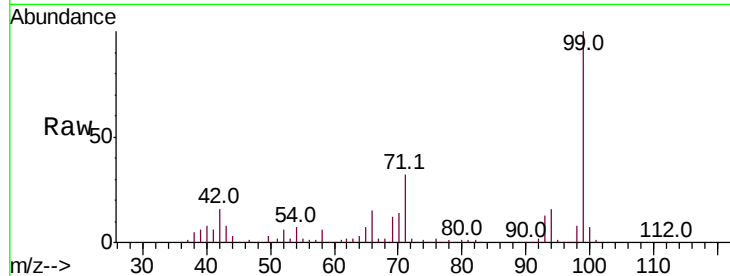
71 31.5 25.4 38.2

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#8

2-Chlorophenol

Concen: 37.751 ng

RT: 6.39 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

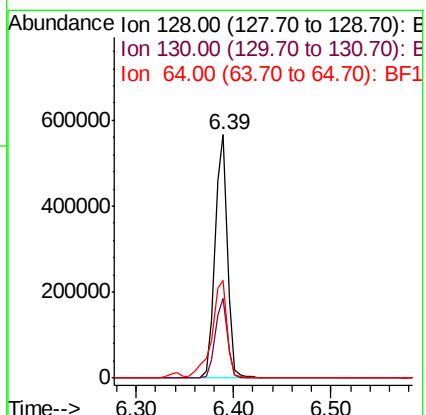
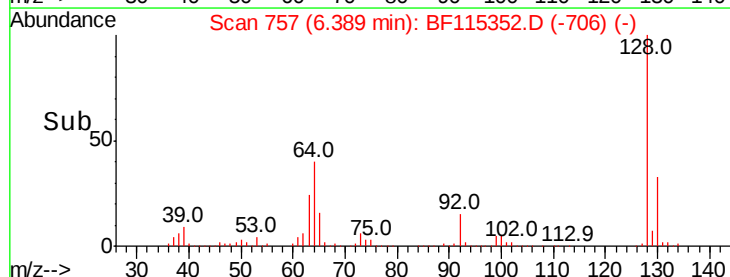
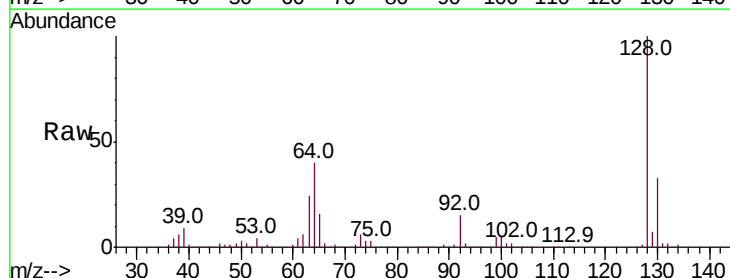
Tgt Ion: 128 Resp: 498346

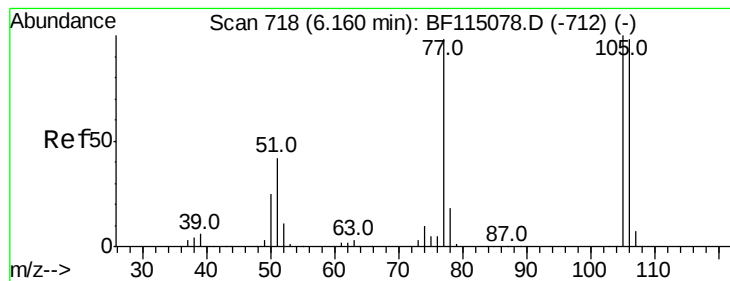
Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

64 40.1 22.9 62.9





#9

Benzaldehyde

Concen: 29.861 ng

RT: 6.14 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion: 77 Resp: 277594

Ion Ratio Lower Upper

77 100

105 103.1 85.2 125.2

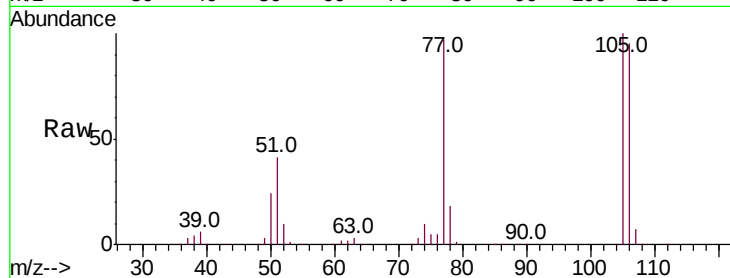
106 97.8 80.8 120.8

Manual Integrations

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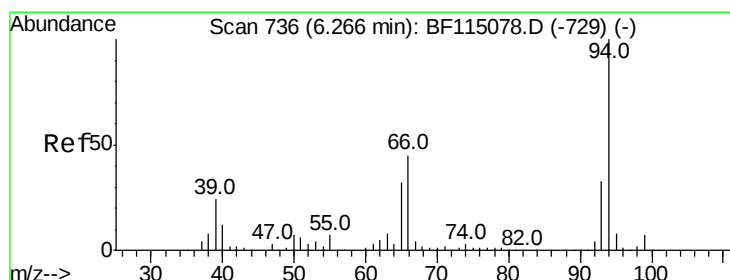
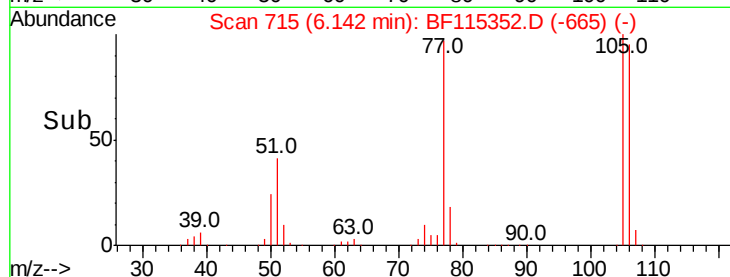
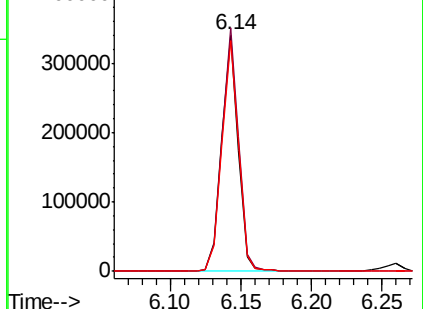
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.565 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion: 94 Resp: 576932

Ion Ratio Lower Upper

94 100

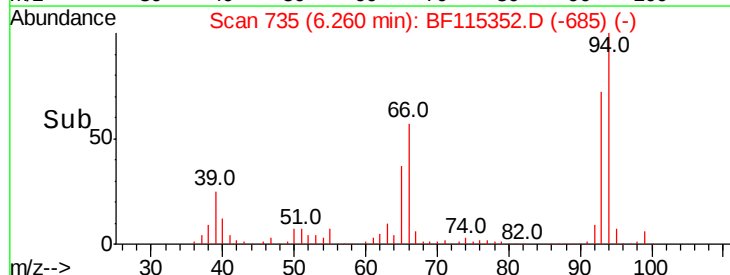
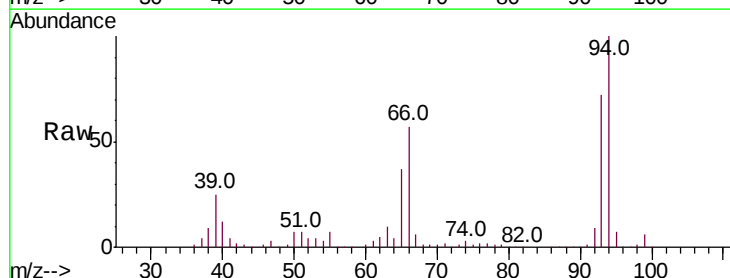
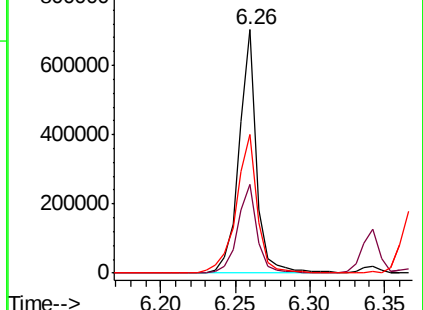
65 36.6 20.9 60.9

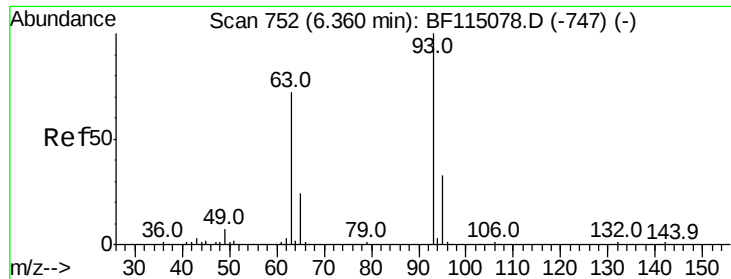
66 57.1 45.4 85.4

Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





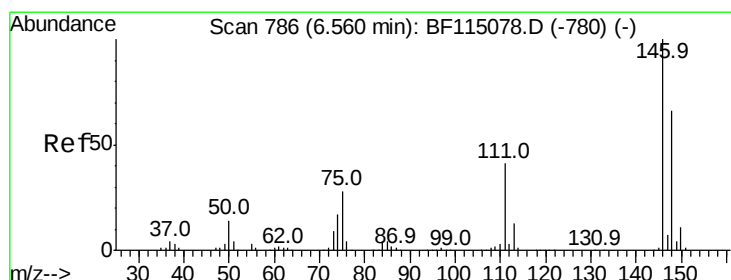
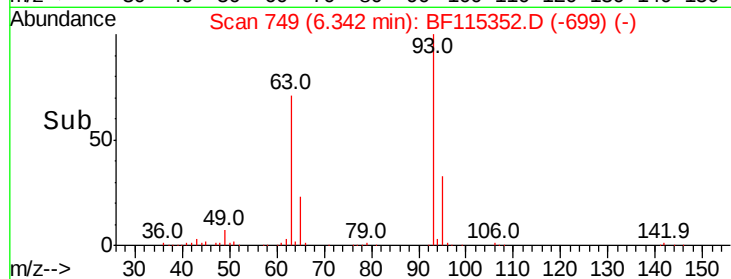
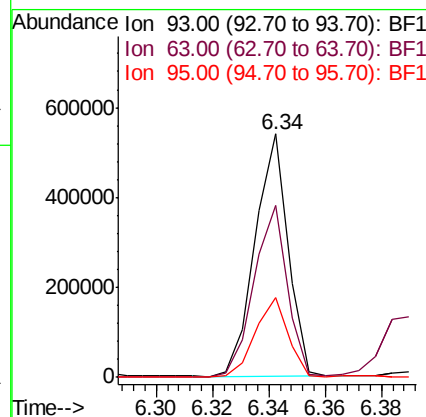
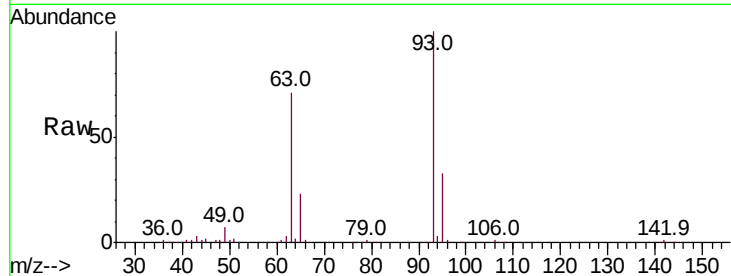
#11
bis(2-Chloroethyl)ether
Concen: 35.567 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	70.5	49.7	89.7	
95	32.9	13.1	53.1	

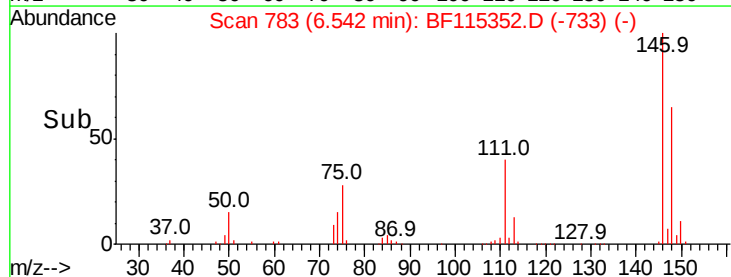
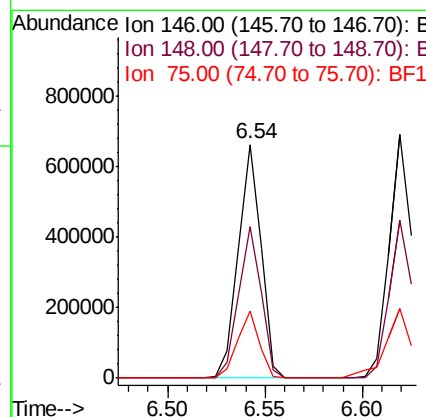
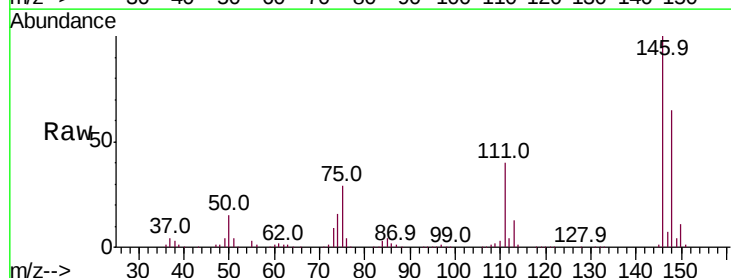
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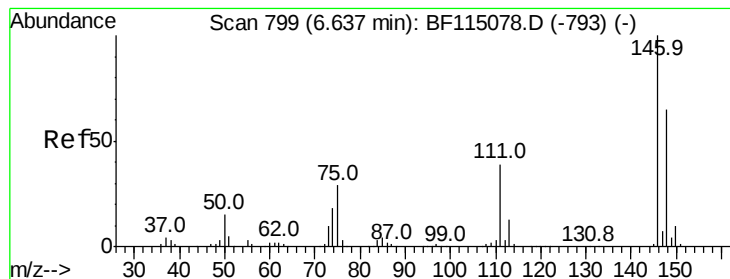
mohammad
7/3/2019 10:51:31 PM



#12
1,3-Dichlorobenzene
Concen: 36.790 ng
RT: 6.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.0	52.8	79.2	
75	28.5	21.0	31.4	





#13

1,4-Dichlorobenzene

Concen: 37.457 ng

RT: 6.62 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

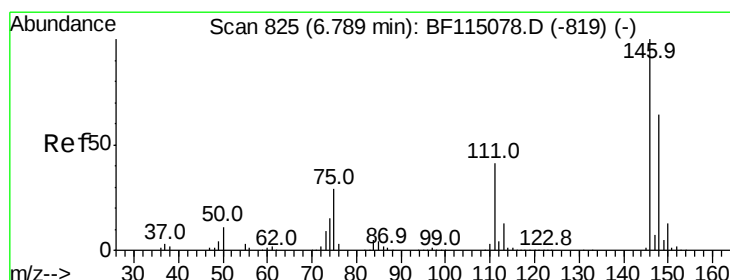
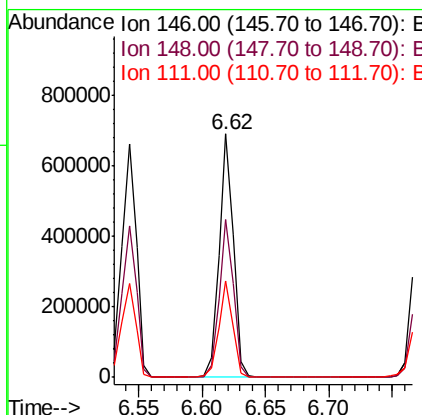
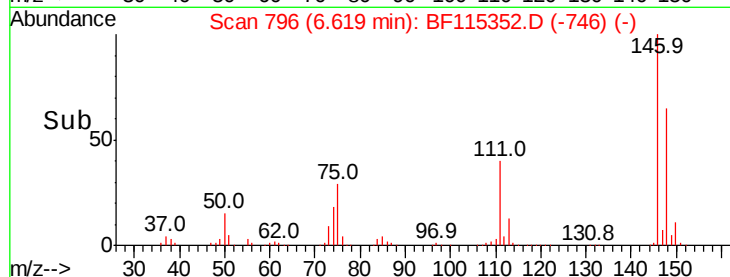
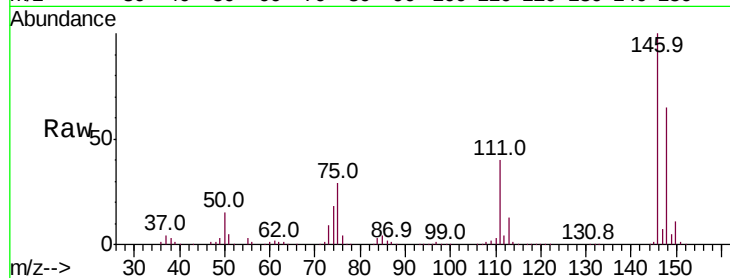
ClientSampleId :

PB121059BSD

Tot Ion:	146	Resp:	550279
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	79.0
111	39.8	30.6	45.8

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#14

1,2-Dichlorobenzene

Concen: 37.327 ng

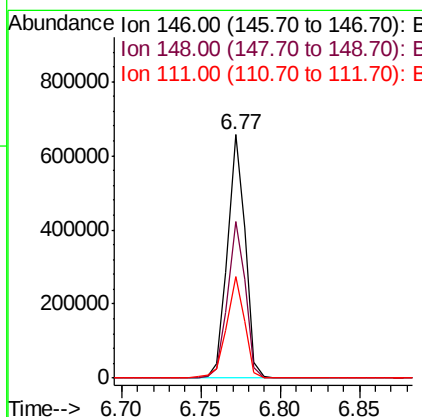
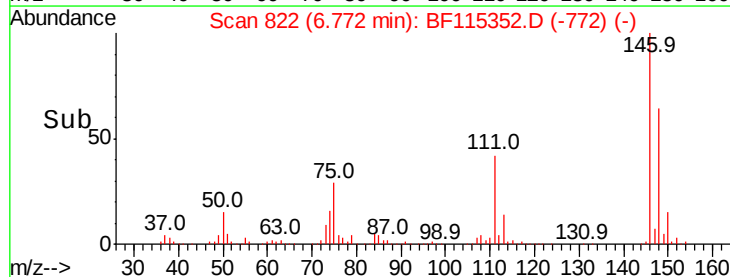
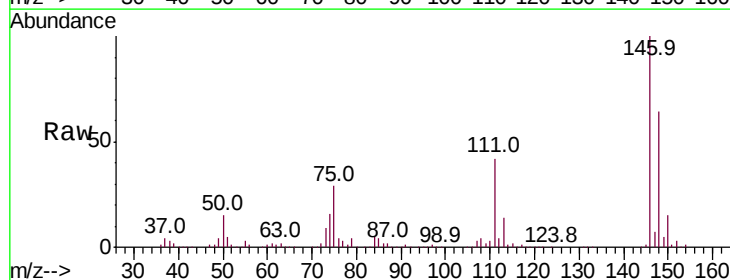
RT: 6.77 min Scan# 822

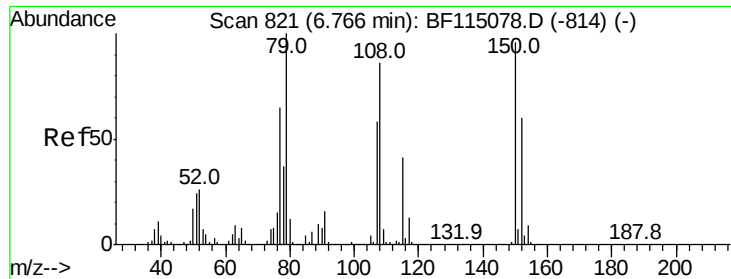
Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	146	Resp:	507820
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.4	78.6
111	41.8	32.4	48.6





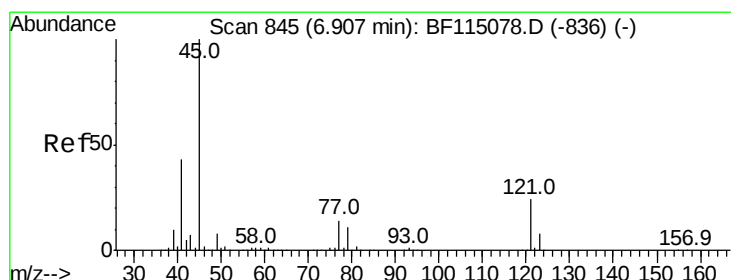
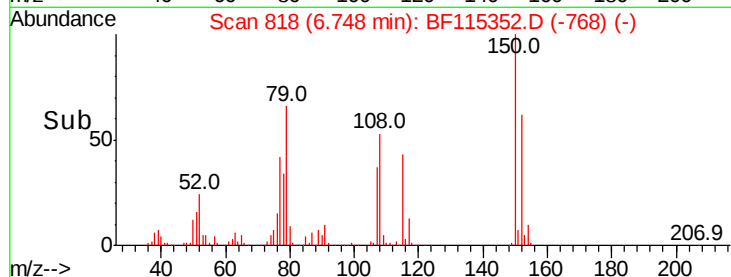
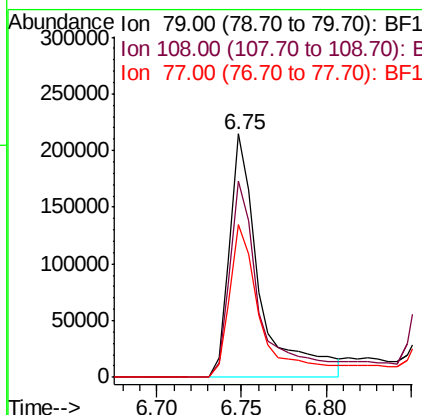
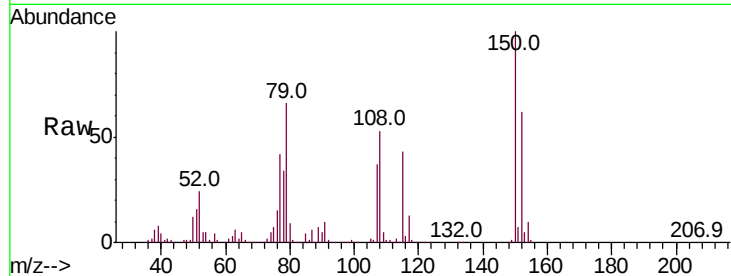
#15
Benzyl Alcohol
Concen: 25.831 ng
RT: 6.75 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	65.6	98.4
77	62.8	51.0	76.6

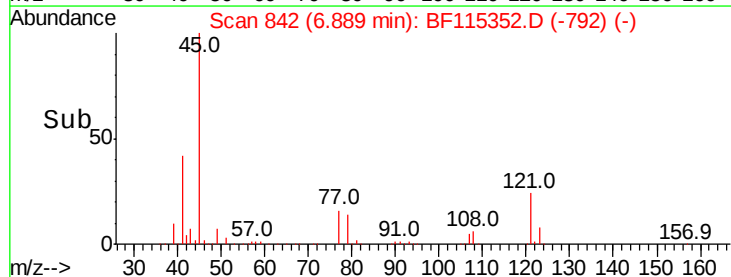
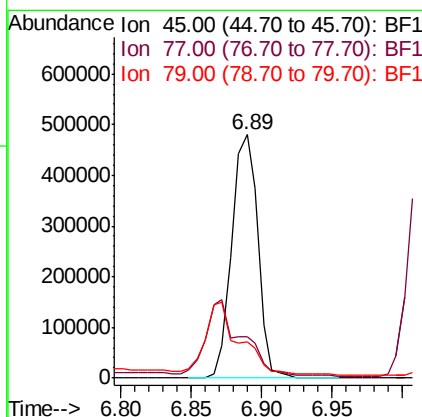
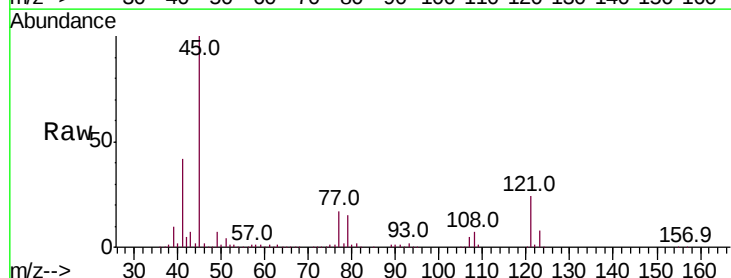
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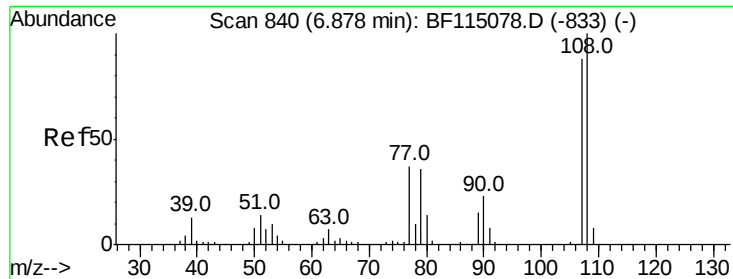
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.585 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	37.7
79	14.9	0.0	34.9





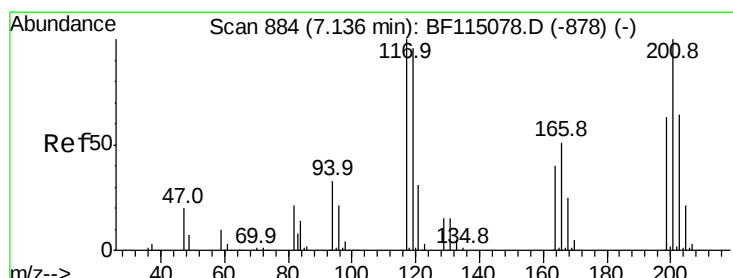
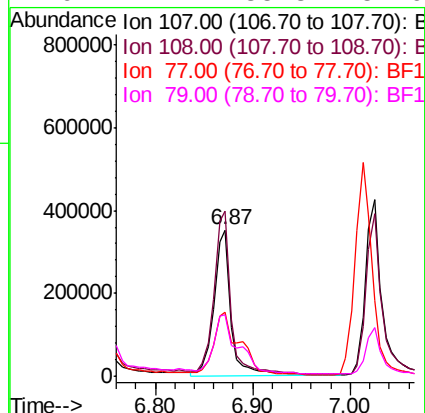
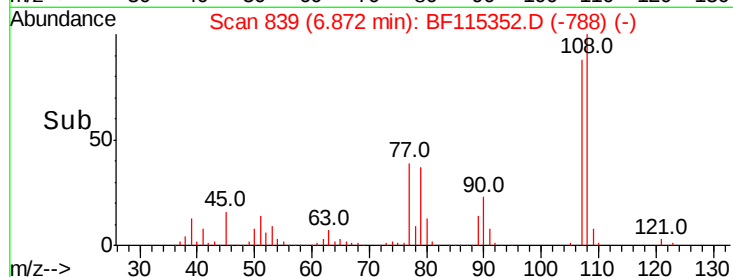
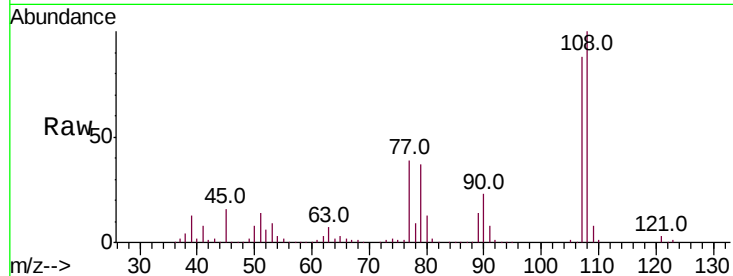
#17
2-Methylphenol
Concen: 40.055 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.0	136.4	
77	43.6	35.8	53.8	
79	42.4	35.3	52.9	

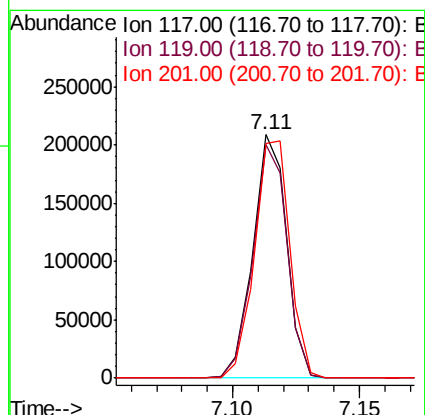
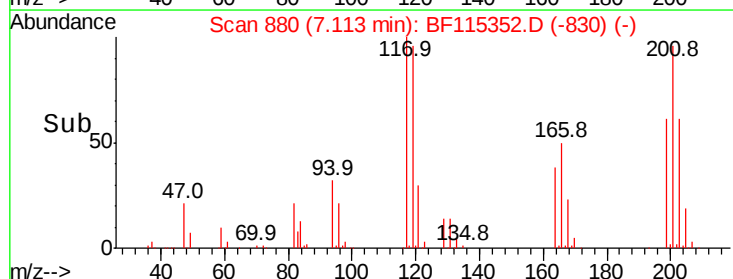
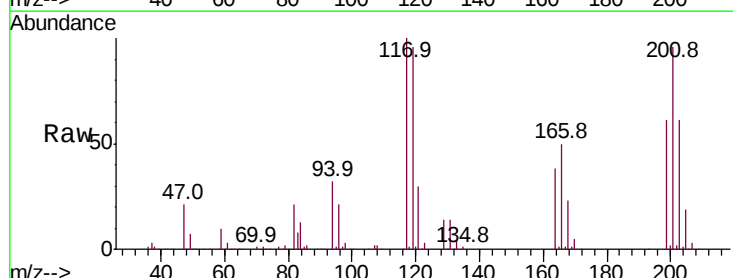
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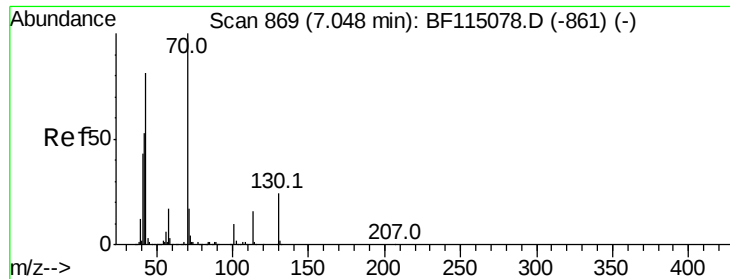
mohammad
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#18
Hexachloroethane
Concen: 36.384 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.9	115.3	
201	96.2	81.8	122.8	





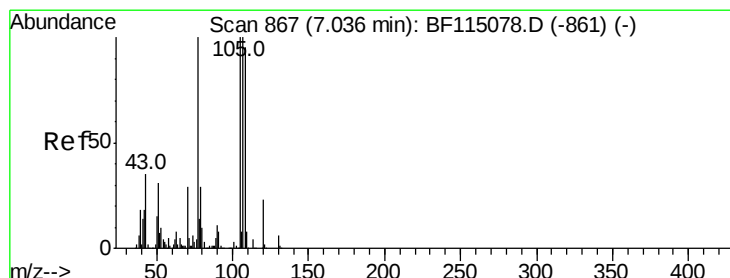
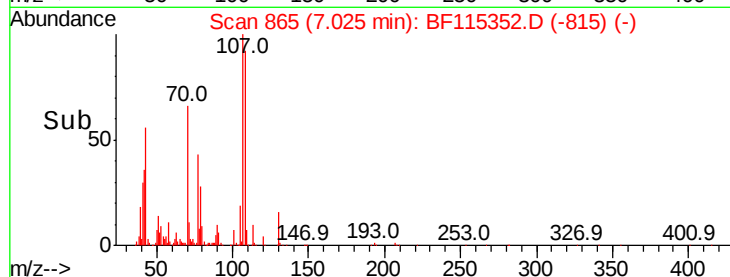
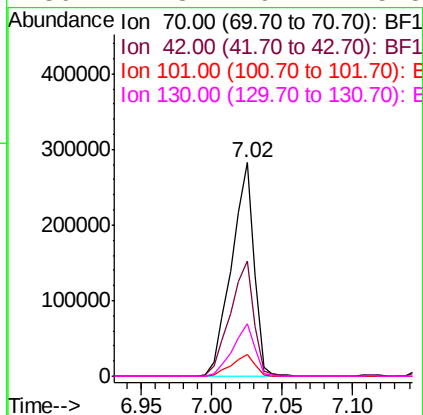
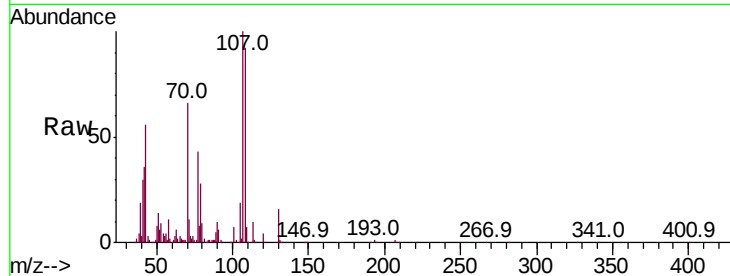
#19
n-Nitroso-di-n-propylamine
Concen: 34.466 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.8	44.3	66.5		
101	10.3	7.8	11.8		
130	24.8	19.2	28.8		

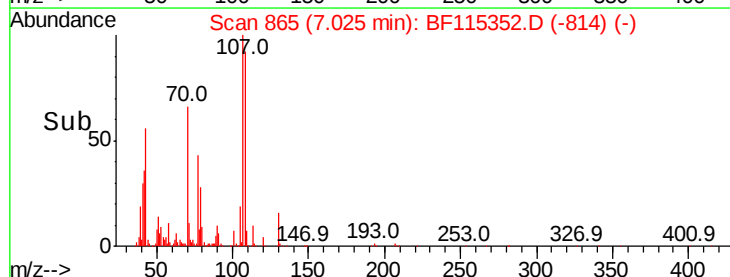
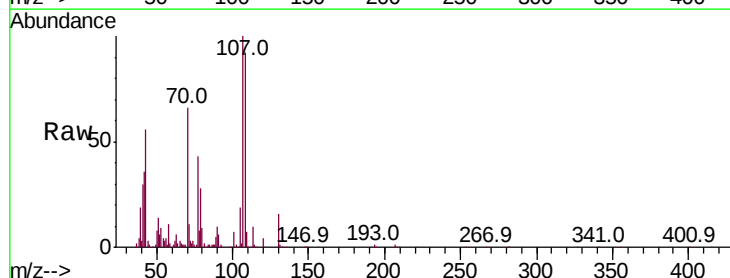
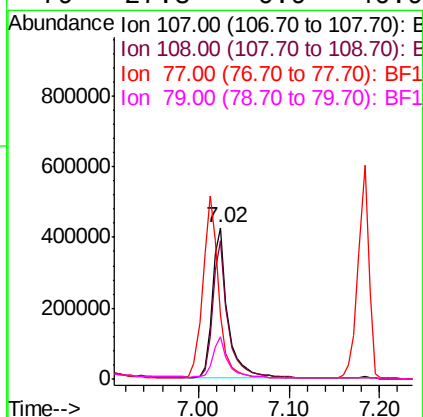
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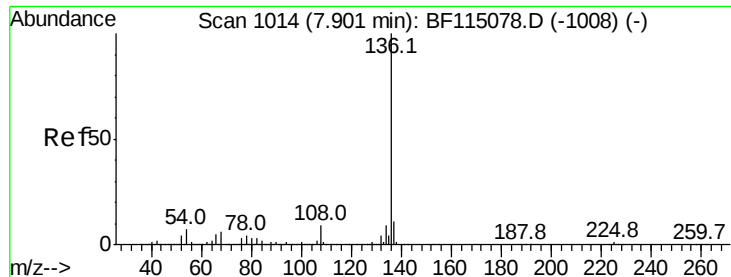
mohammad
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#20
3+4-Methylphenols
Concen: 40.232 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	67.9	107.9		
77	42.7	76.7	116.7#		
79	27.8	6.9	46.9		





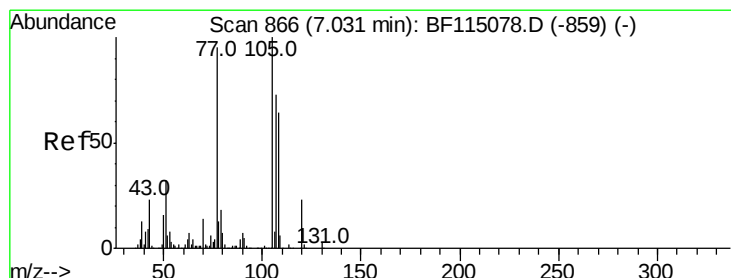
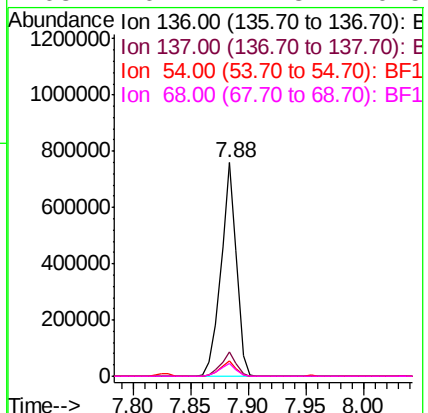
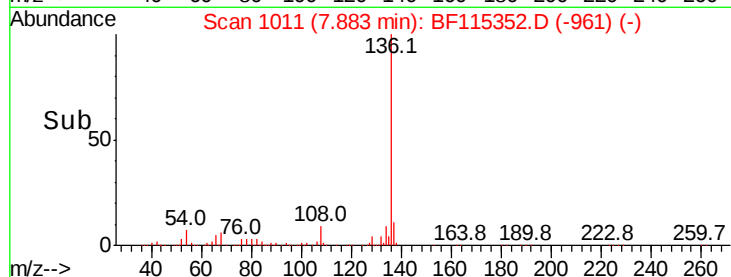
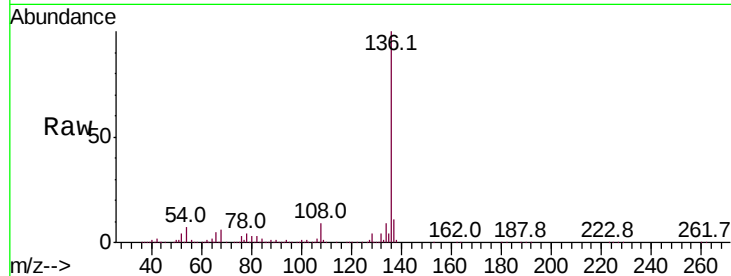
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	6.9	5.1	7.7	
68	6.1	4.3	6.5	

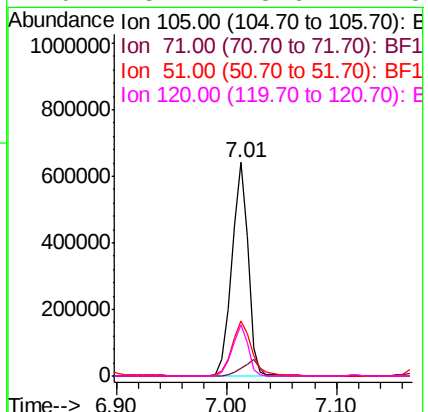
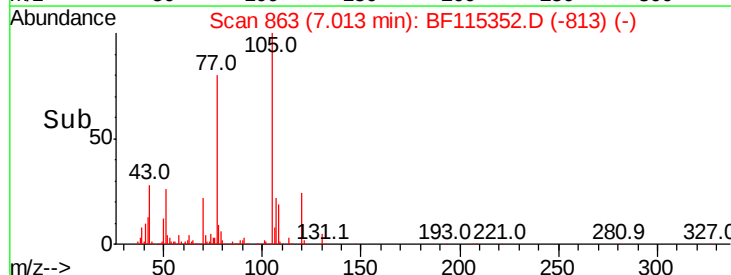
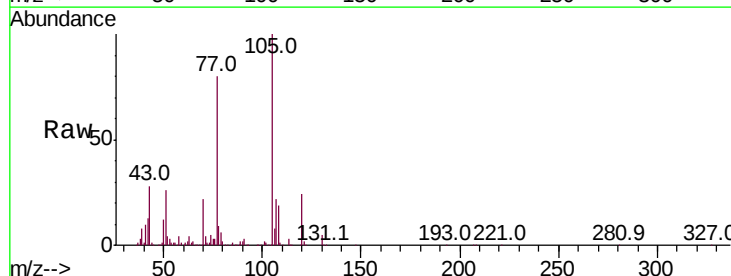
Manual Integrations
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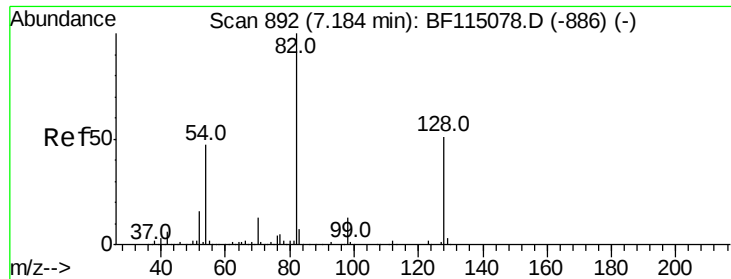
mohammad
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#22
Acetophenone
Concen: 41.470 ng
RT: 7.01 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	2.2	3.4#	
51	25.8	21.1	31.7	
120	23.7	18.6	27.8	





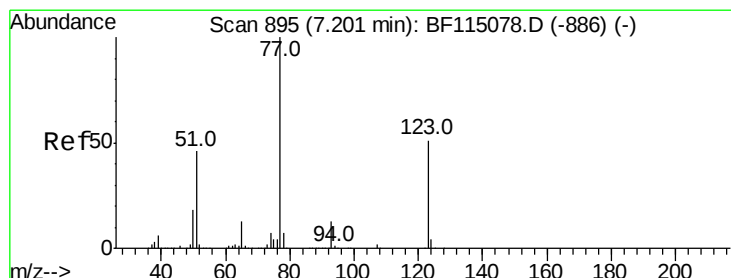
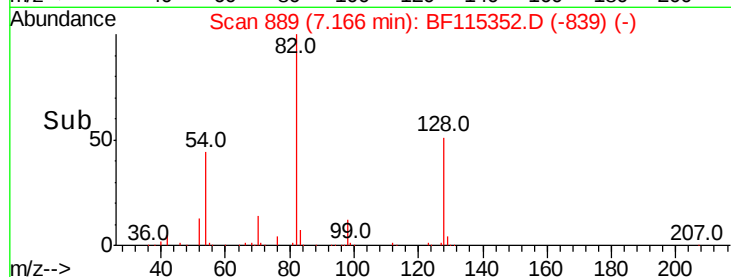
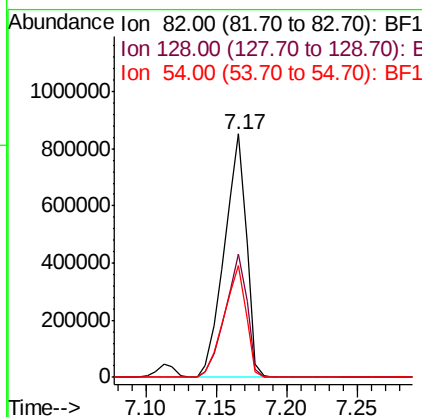
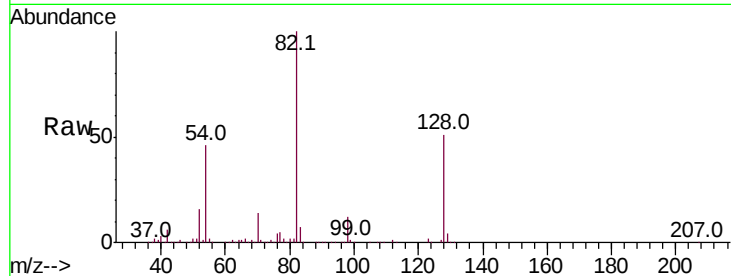
#23
Nitrobenzene-d5
Concen: 81.219 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.8	61.2
54	45.9	37.0	55.4

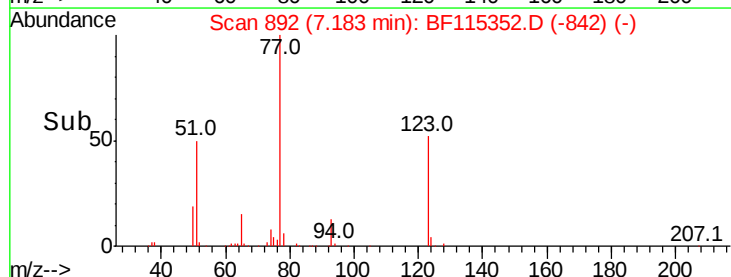
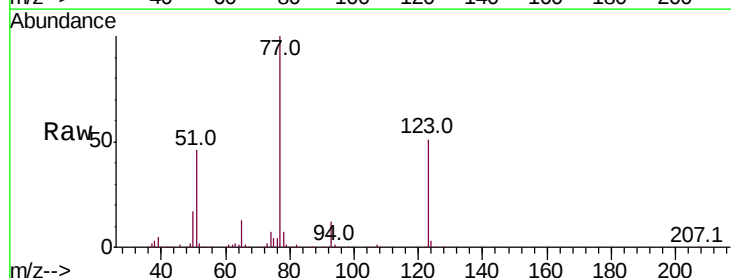
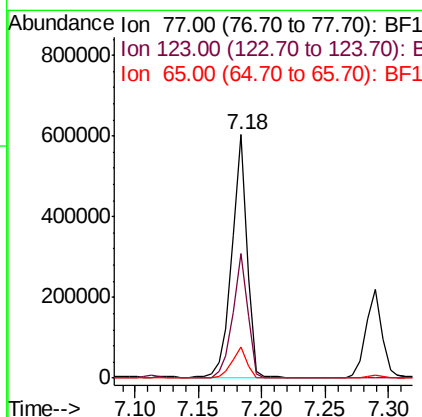
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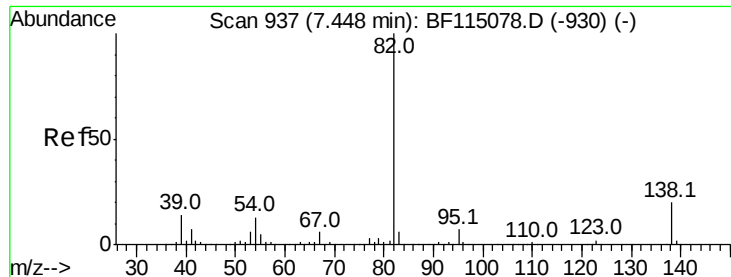
mohammad
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#24
Nitrobenzene
Concen: 39.152 ng
RT: 7.18 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	41.8	62.8
65	12.9	10.7	16.1





#25

Isophorone

Concen: 37.565 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

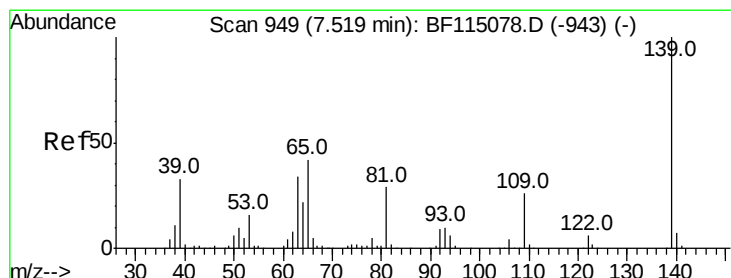
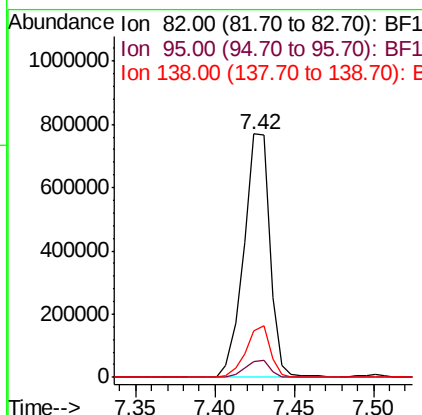
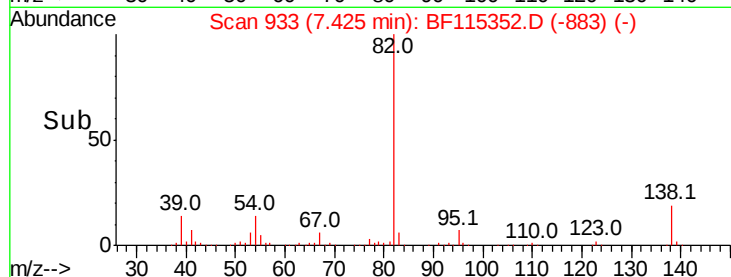
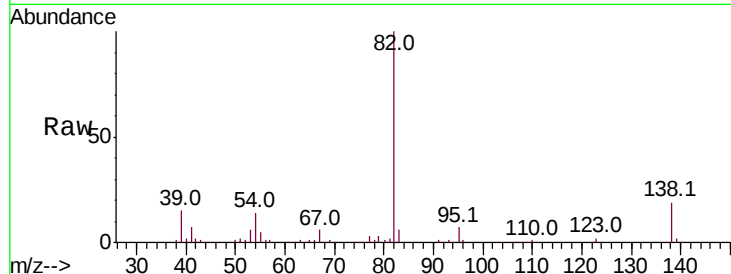
ClientSampleId :

PB121059BSD

Tot Ion:	82	Resp:	877905
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	19.0	15.4	23.2

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#26

2-Nitrophenol

Concen: 44.347 ng

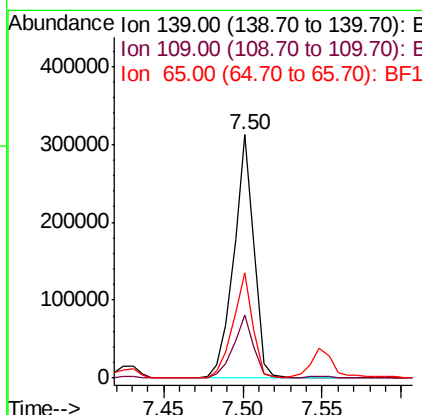
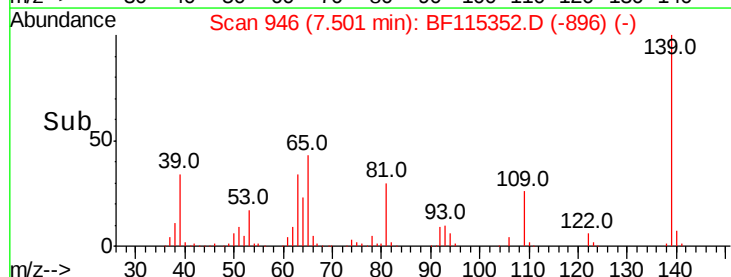
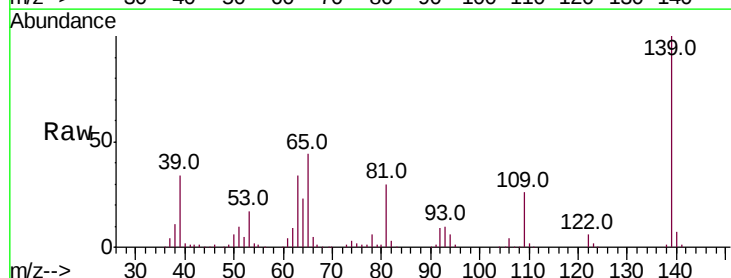
RT: 7.50 min Scan# 946

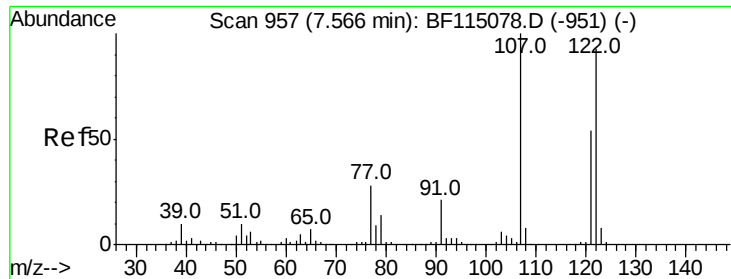
Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	139	Resp:	275250
Ion Ratio	Lower	Upper	
139	100		
109	25.7	20.1	30.1
65	43.5	31.4	47.0





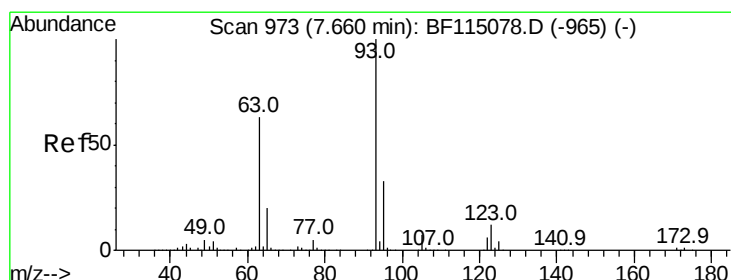
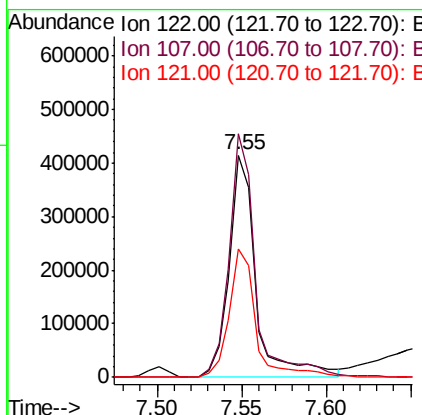
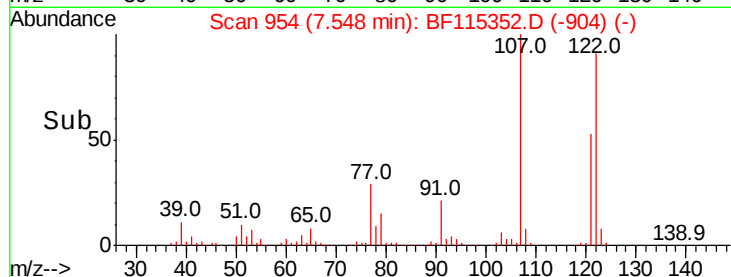
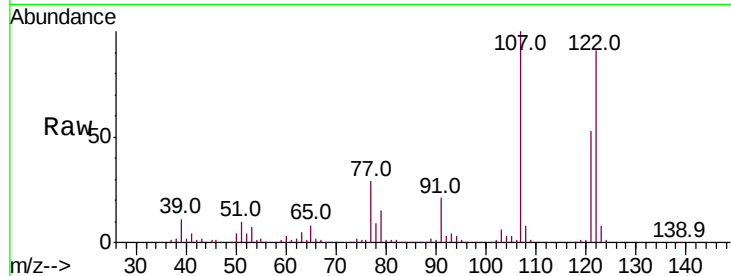
#27
2,4-Dimethylphenol
Concen: 45.204 ng
RT: 7.55 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	459381		
107	109.7	86.7	130.1	
121	58.0	47.2	70.8	

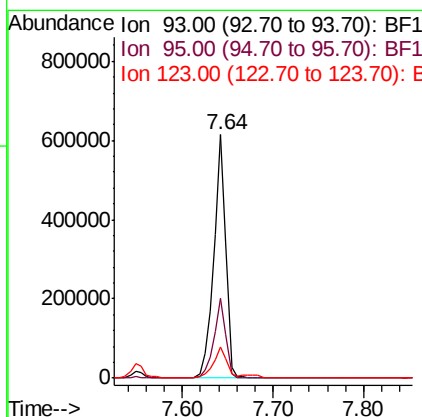
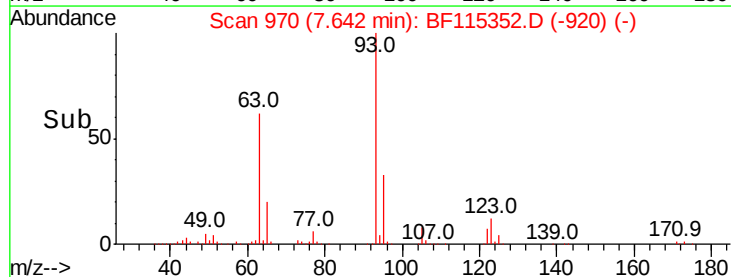
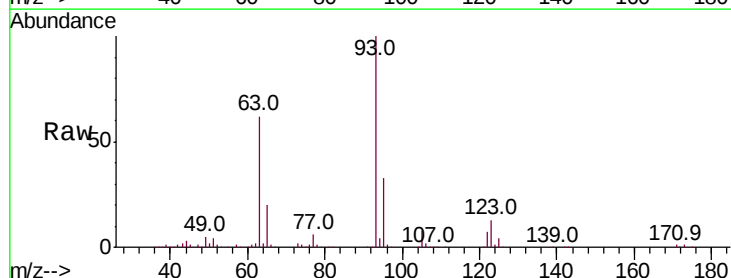
Manual Integrations
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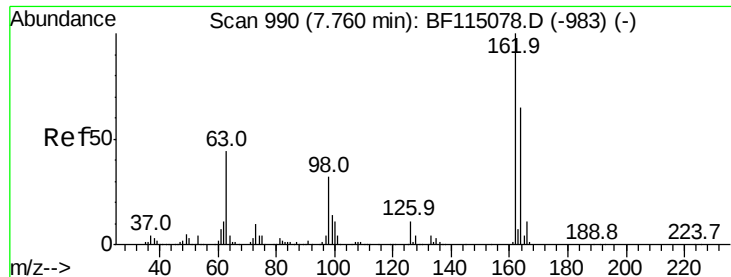
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.787 ng
RT: 7.64 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	572928		
95	32.7	26.2	39.4	
123	12.5	9.9	14.9	





#29

2,4-Dichlorophenol

Concen: 41.523 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

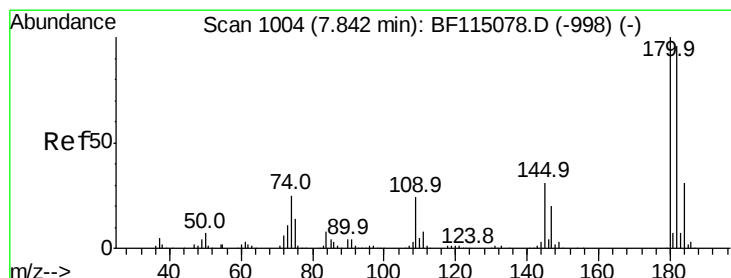
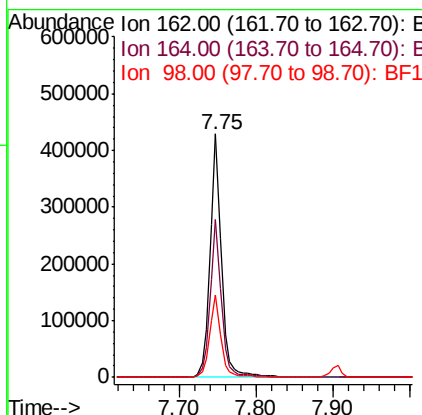
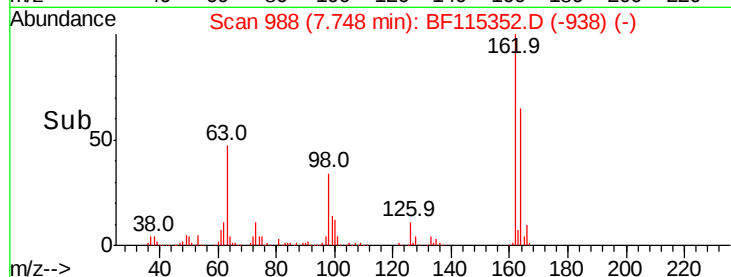
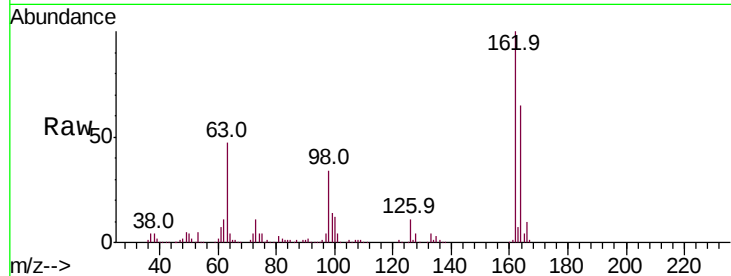
ClientSampleId :

PB121059BSD

Tot Ion:	162	Resp:	435467
Ion Ratio	Lower	Upper	
162	100		
164	64.8	45.4	85.4
98	33.7	12.1	52.1

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#30

1,2,4-Trichlorobenzene

Concen: 40.491 ng

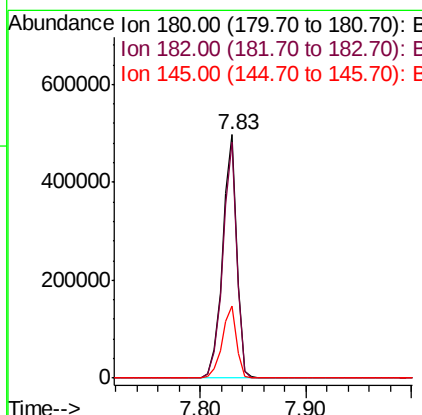
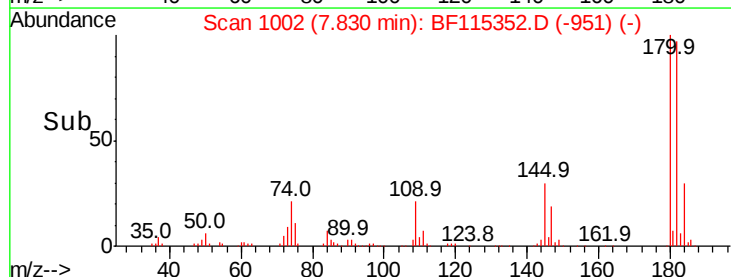
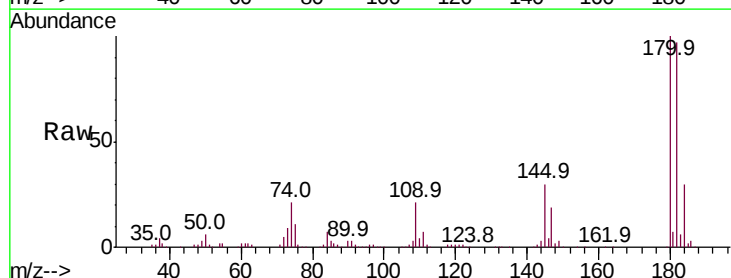
RT: 7.83 min Scan# 1002

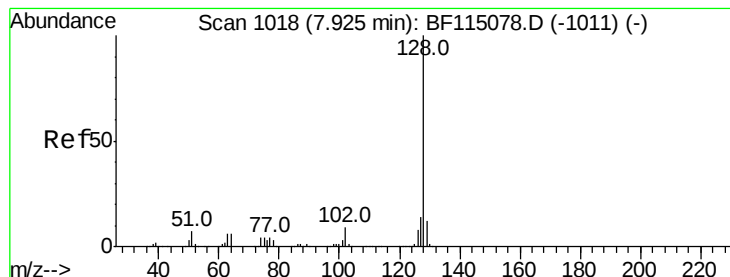
Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	180	Resp:	469056
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.9	115.3
145	29.7	24.8	37.2





#31

Naphthalene

Concen: 41.172 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:128 Resp: 1418332

Ion Ratio Lower Upper

128 100

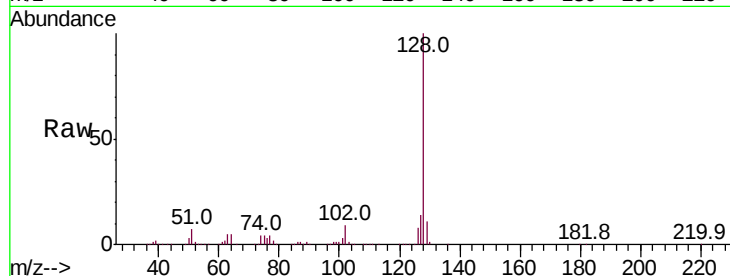
129 11.4 9.7 14.5

127 13.6 11.1 16.7

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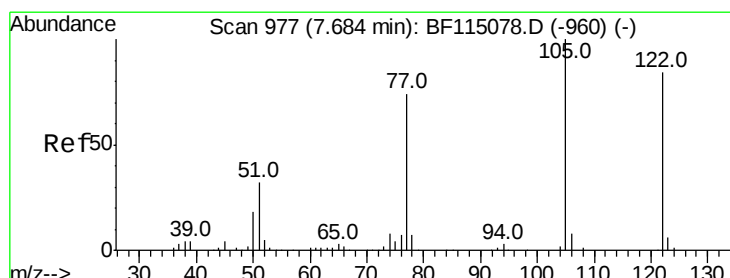
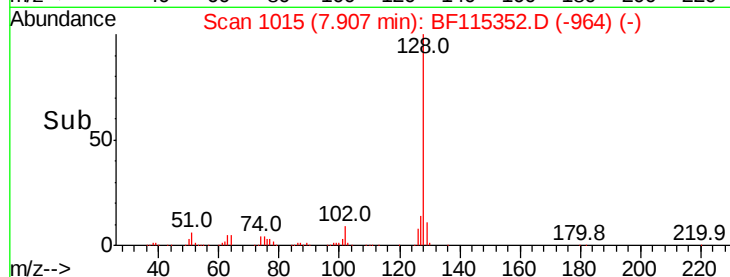
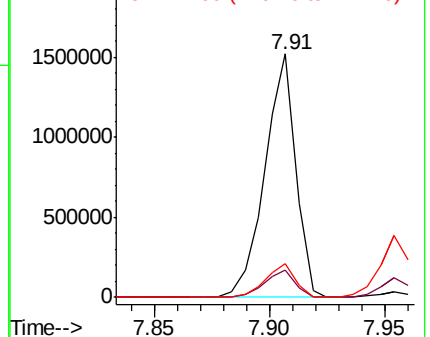


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.162 ng

RT: 7.68 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

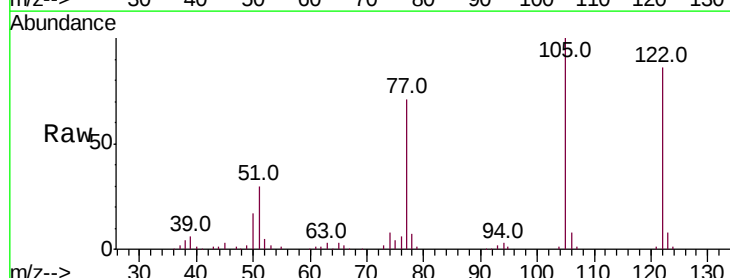
Tgt Ion:122 Resp: 291337

Ion Ratio Lower Upper

122 100

105 116.2 98.1 138.1

77 82.0 67.0 107.0

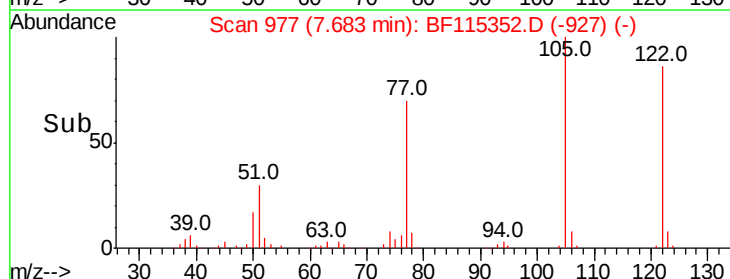
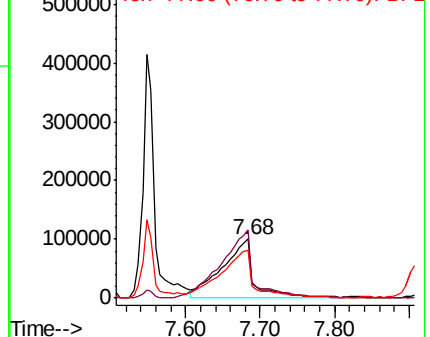


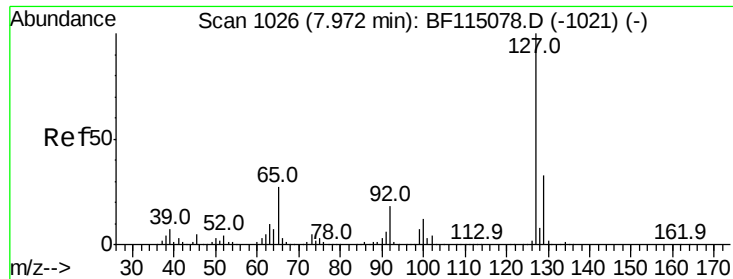
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





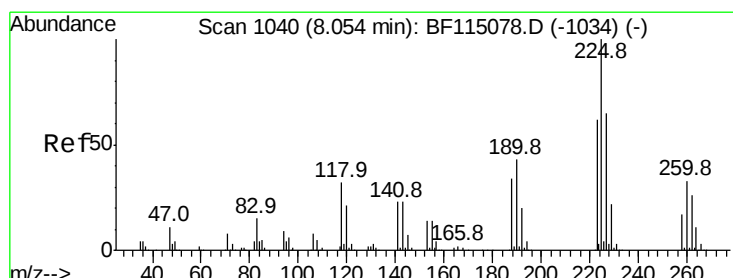
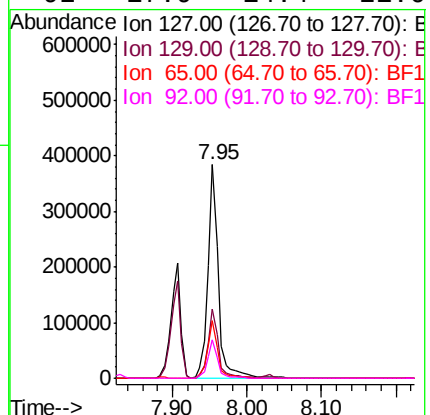
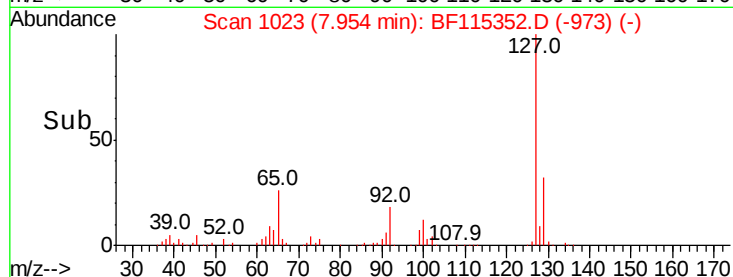
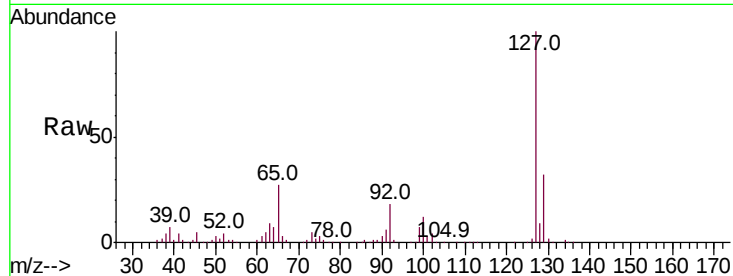
#33
4-Chloroaniline
Concen: 24.099 ng
RT: 7.95 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.0	39.0		
65	26.9	21.3	31.9		
92	17.9	14.4	21.6		

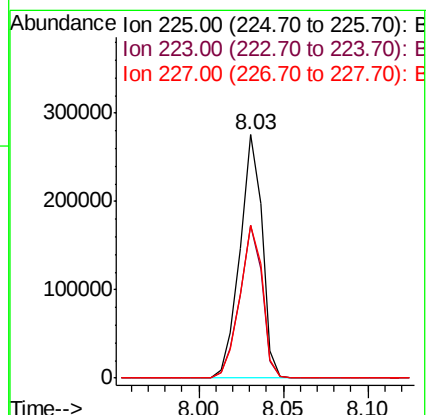
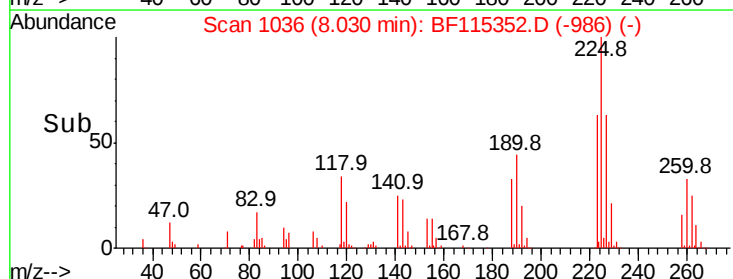
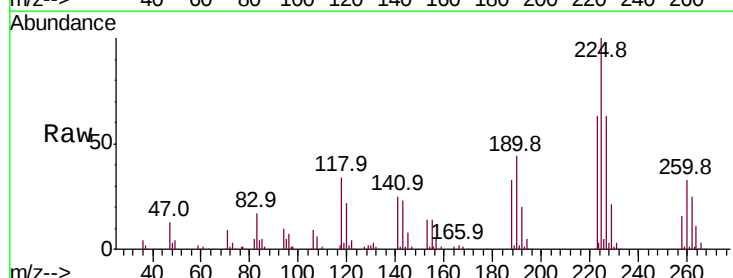
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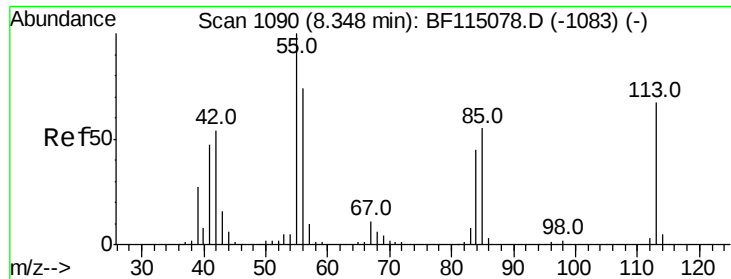
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#34
Hexachlorobutadiene
Concen: 39.882 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.4	75.6		
227	62.6	52.3	78.5		





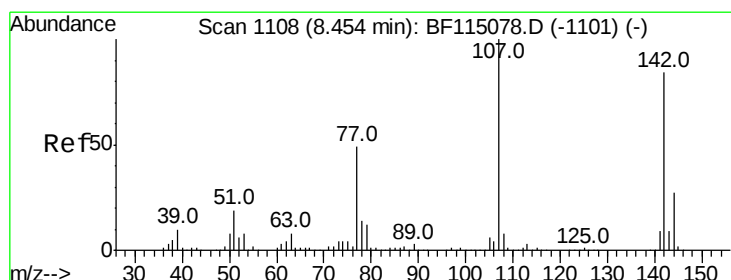
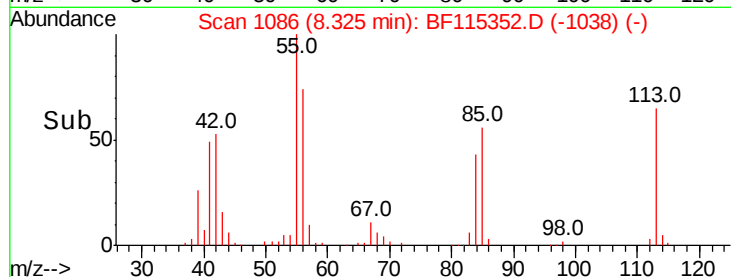
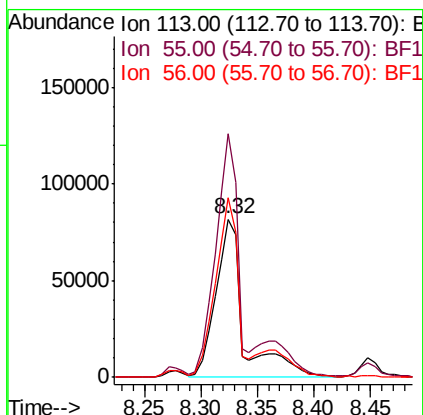
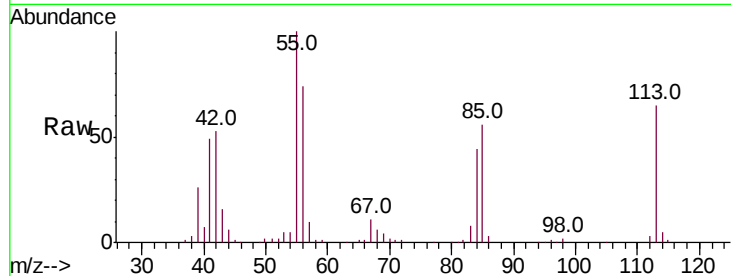
#35
Caprolactam
Concen: 39.312 ng/ml
RT: 8.32 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.9	125.9	165.9
56	113.5	88.3	128.3

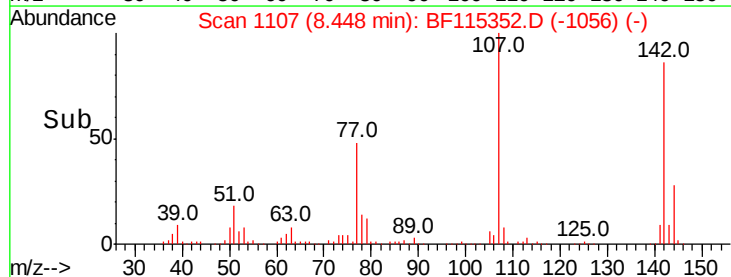
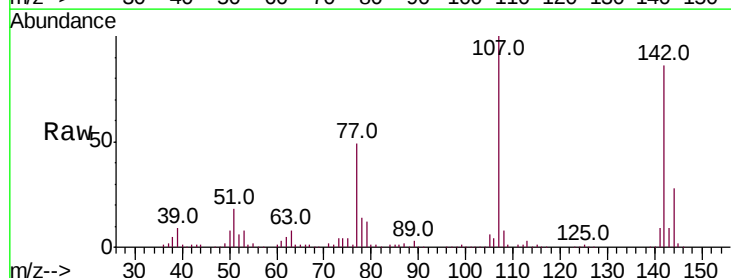
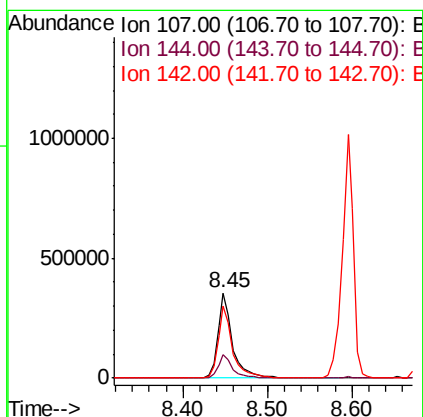
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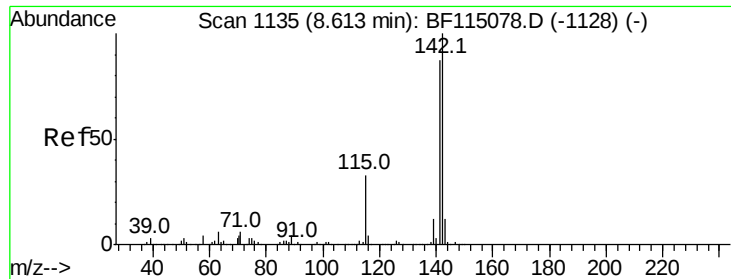
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#36
4-Chloro-3-methylphenol
Concen: 40.981 ng/ml
RT: 8.45 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.4	32.0
142	85.5	66.6	99.8





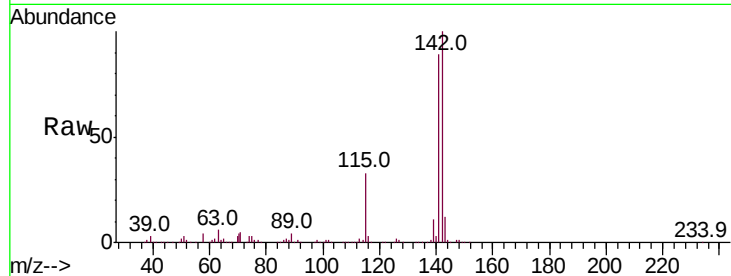
#37
2-Methylnaphthalene
Concen: 41.823 ng
RT: 8.60 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	971425		
141	88.6		70.4	105.6
115	32.8		25.9	38.9

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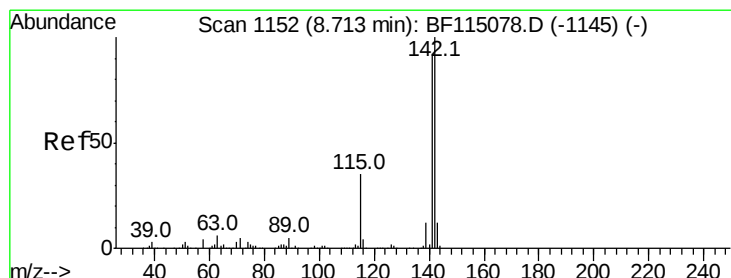
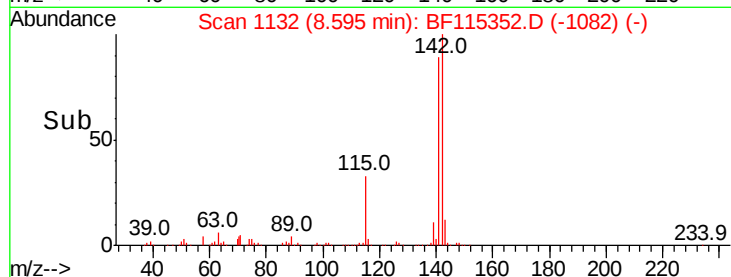
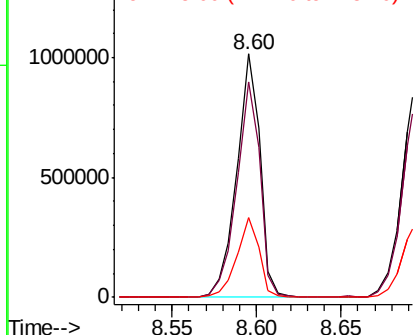


Abundance

Ion 142.00 (141.70 to 142.70): E

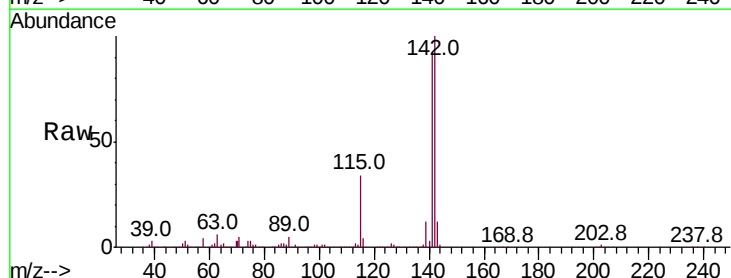
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.684 ng
RT: 8.70 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	902515		
141	92.2		73.5	110.3
116	3.6		3.0	4.6

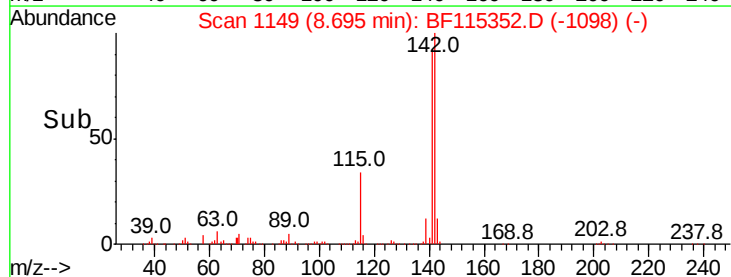
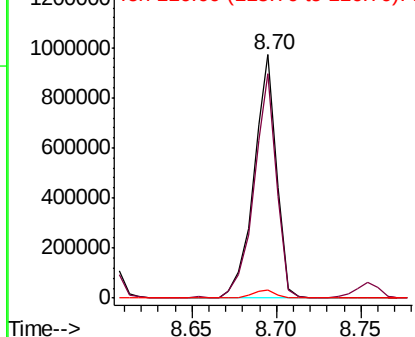


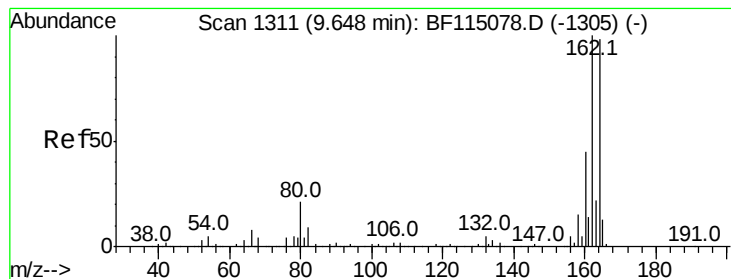
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

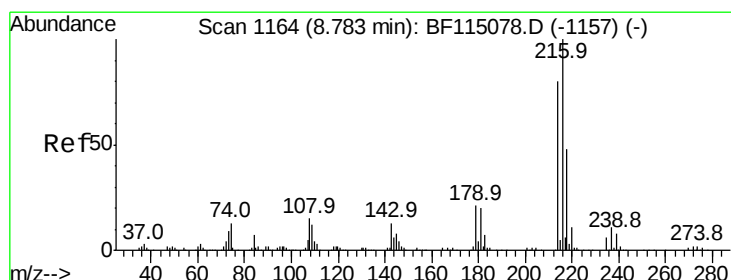
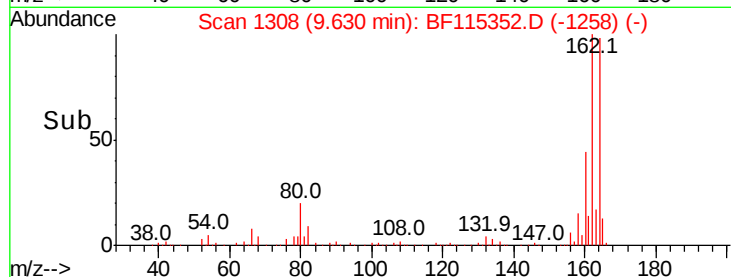
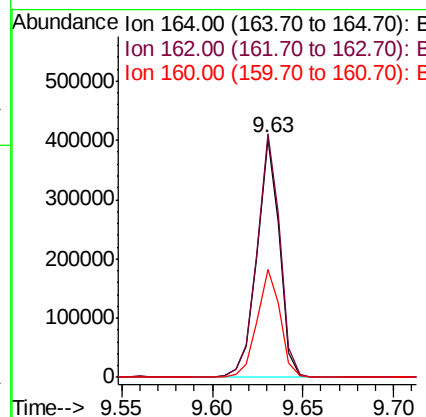
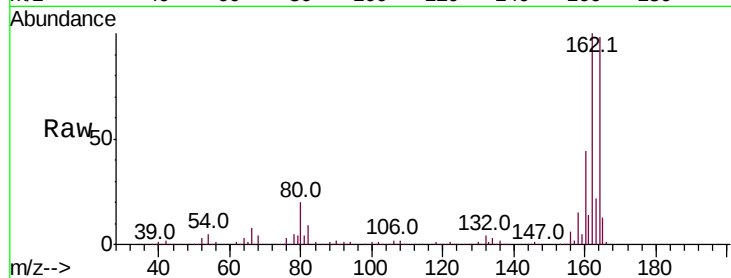
ClientSampleId :

PB121059BSD

Tot Ion:	164	Resp:	346212
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.0	123.0
160	45.2	37.0	55.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.430 ng

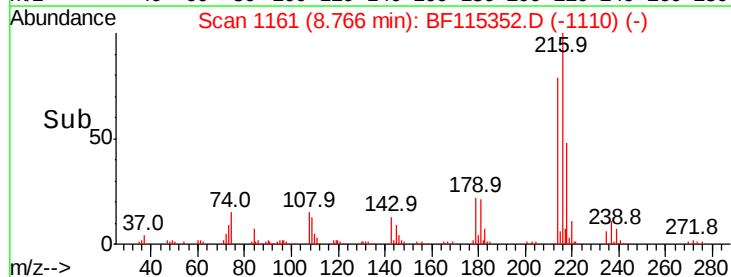
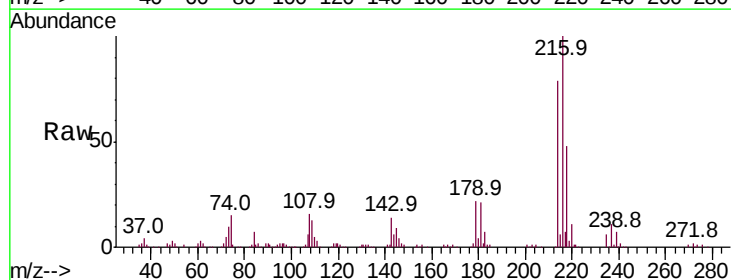
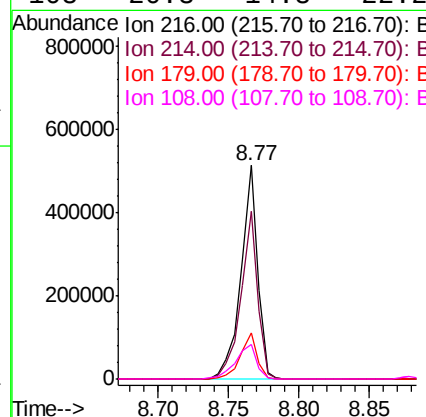
RT: 8.77 min Scan# 1161

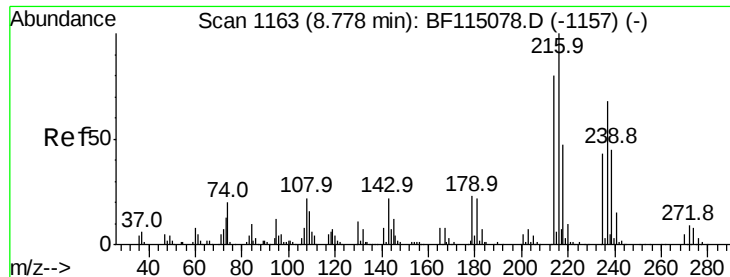
Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	216	Resp:	424890
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.9	95.9
179	21.5	17.8	26.8
108	20.3	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 83.448 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

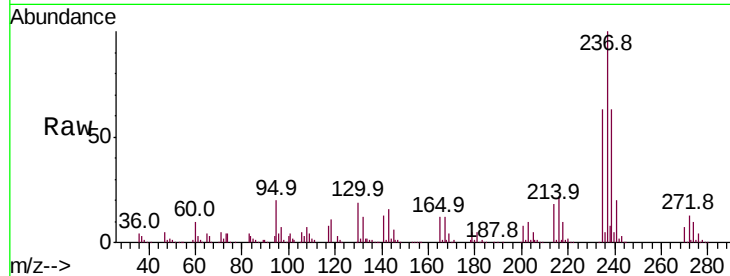
ClientSampleId :

PB121059BSD

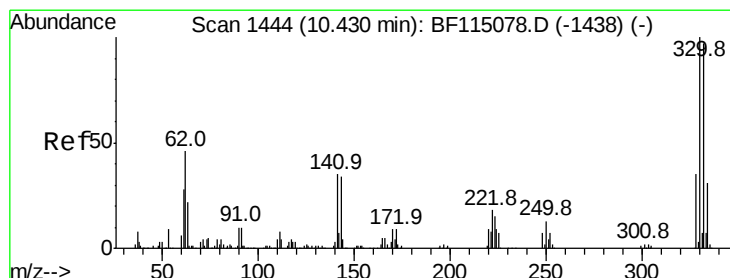
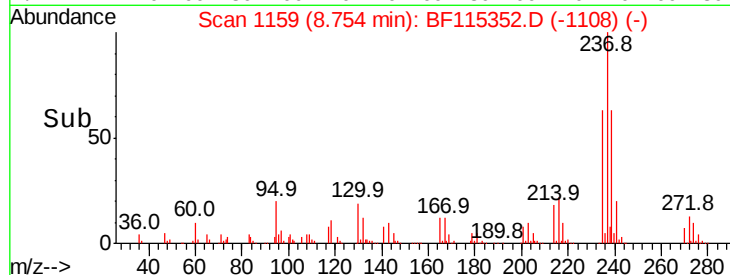
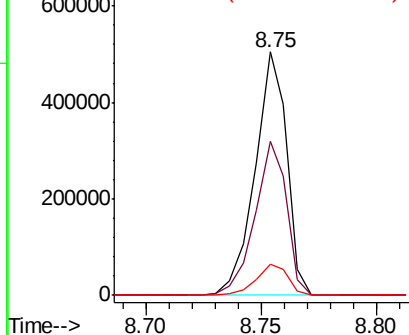
Tot Ion:	237	Resp:	484095
Ion Ratio		Lower	Upper
237	100		
235	63.4	42.6	82.6
272	12.8	0.0	32.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.633 ng

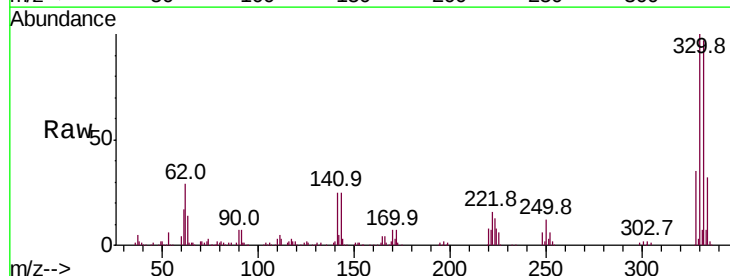
RT: 10.42 min Scan# 1442

Delta R.T. -0.00 min

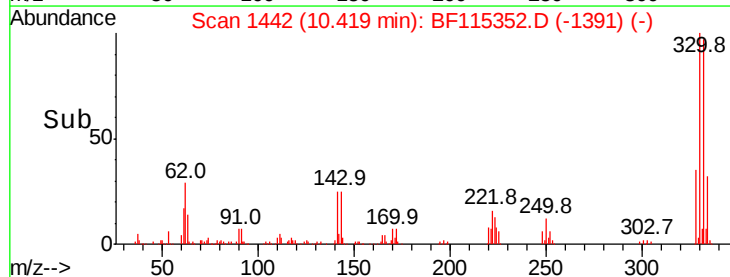
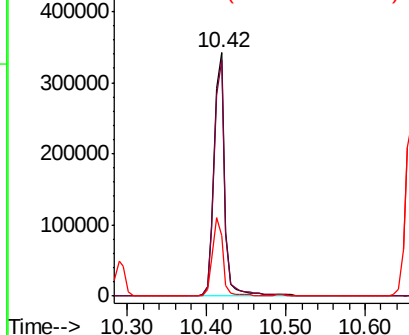
Lab File: BF115352.D

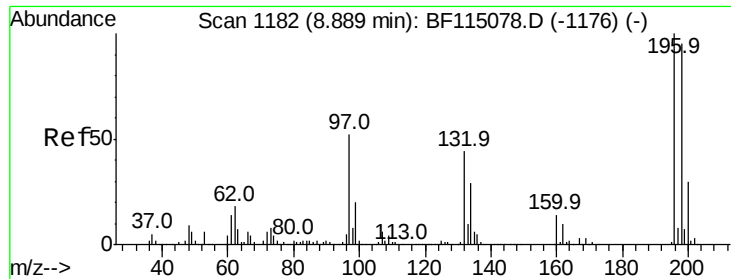
Acq: 2 Jul 2019 9:49

Tgt Ion:	330	Resp:	323593
Ion Ratio		Lower	Upper
330	100		
332	97.4	77.0	115.6
141	31.9	25.4	38.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





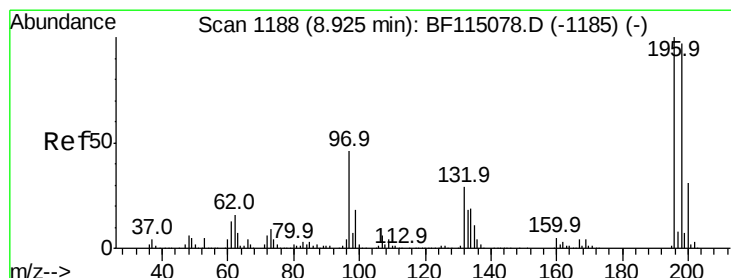
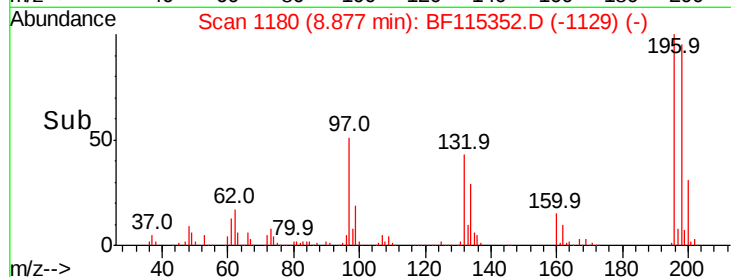
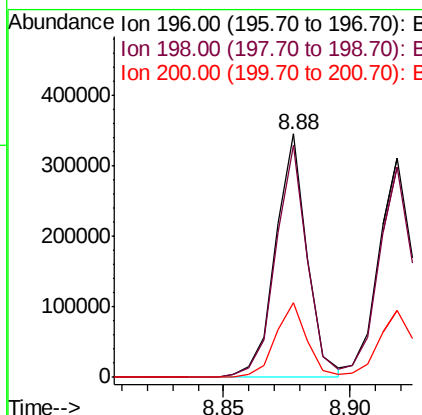
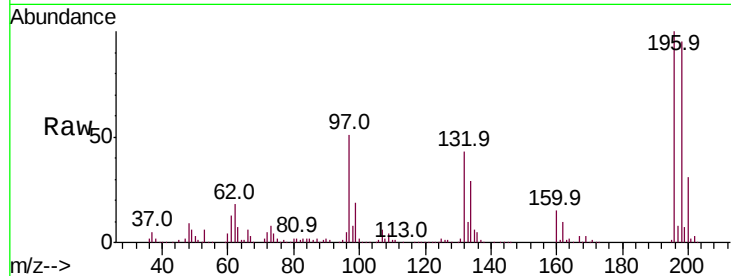
#43
 2,4,6-Trichlorophenol
 Concen: 39.786 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleID :
 PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300509		
198	95.2	75.6	113.4	
200	30.8	24.2	36.2	

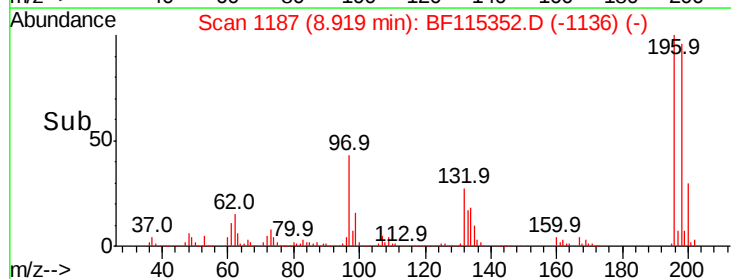
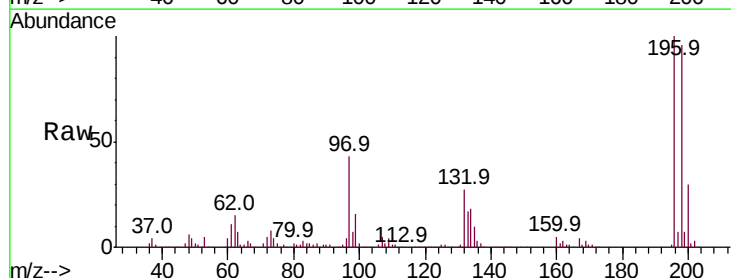
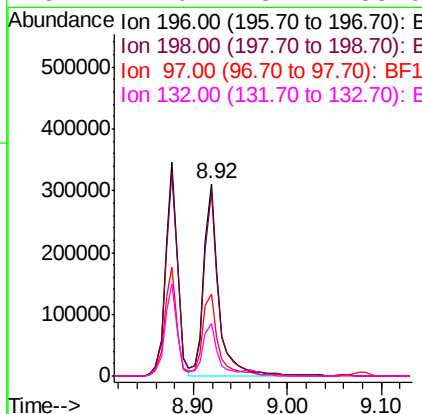
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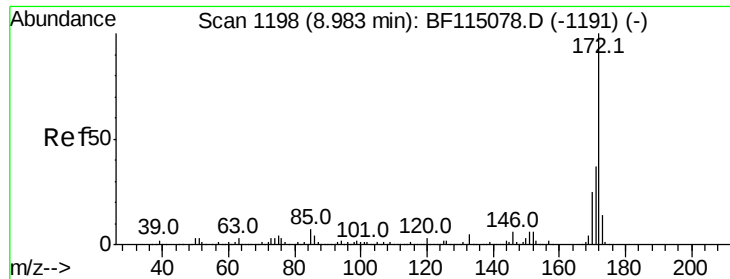
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#44
 2,4,5-Trichlorophenol
 Concen: 43.962 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341951		
198	95.9	75.4	113.0	
97	42.8	37.5	56.3	
132	27.0	23.4	35.0	





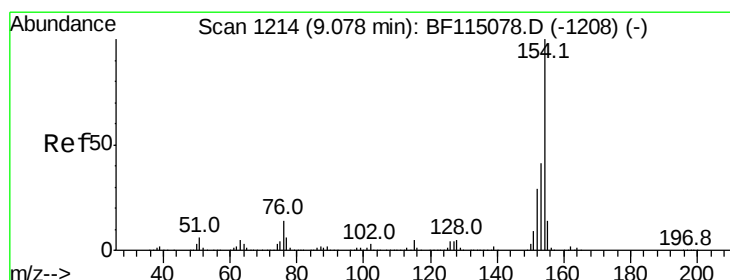
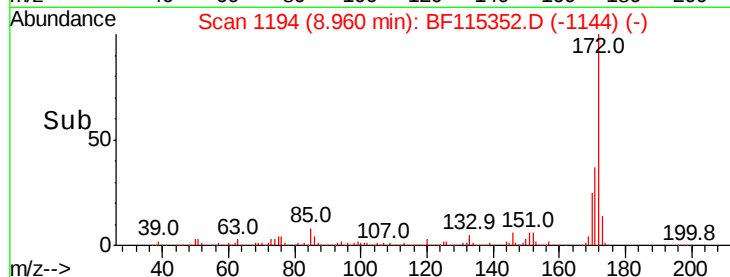
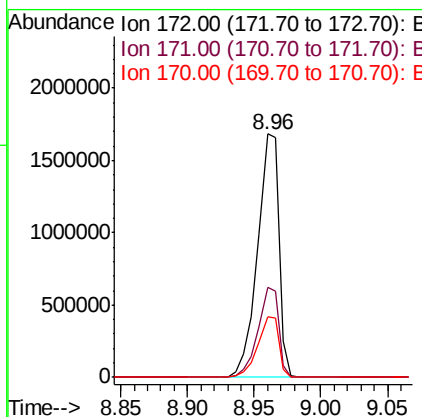
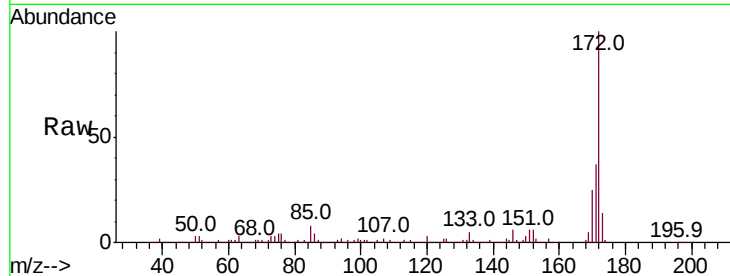
#45
2-Fluorobiphenyl
Concen: 90.536 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	24.8	20.2	30.4

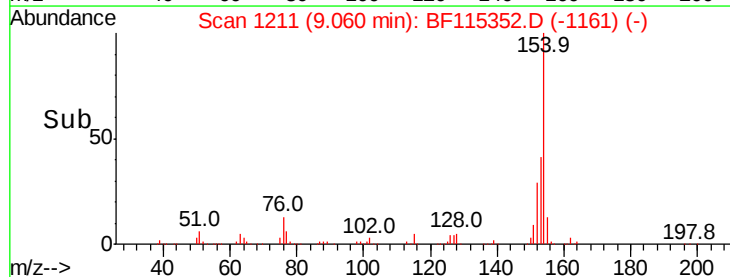
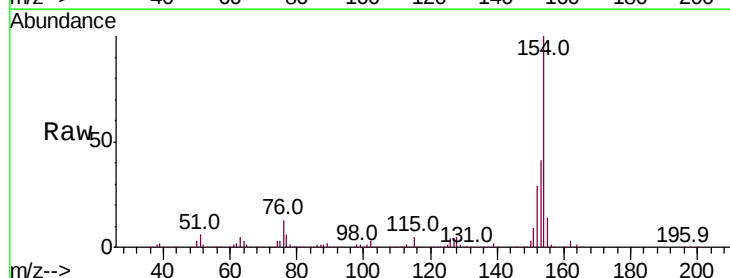
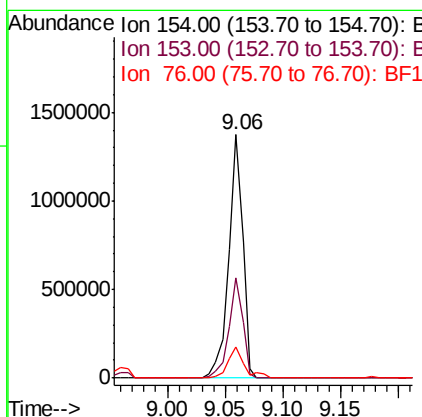
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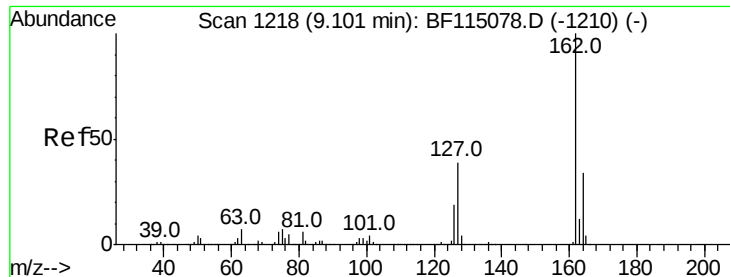
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#46
1,1'-Biphenyl
Concen: 41.651 ng
RT: 9.06 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.0	0.0	32.1





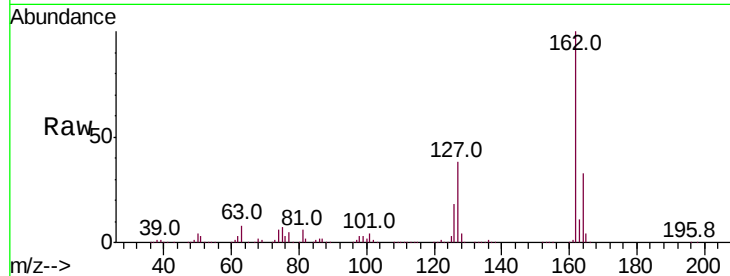
#47
 2-Chloronaphthalene
 Concen: 40.671 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

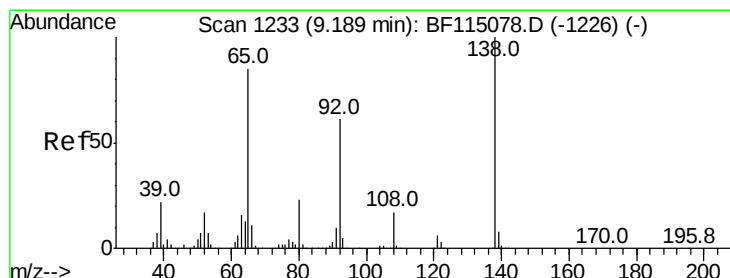
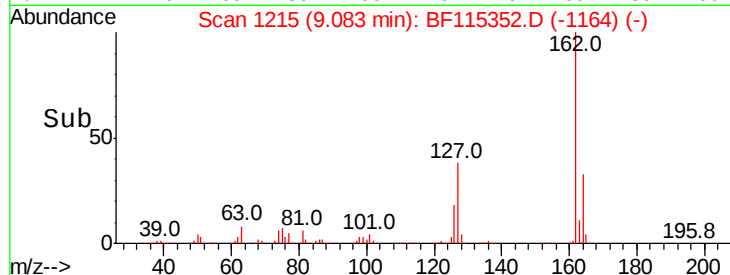
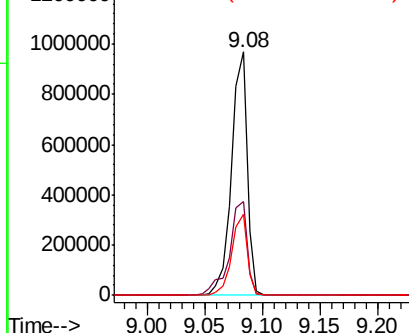
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	32.5	48.7	
164	33.2	26.7	40.1	

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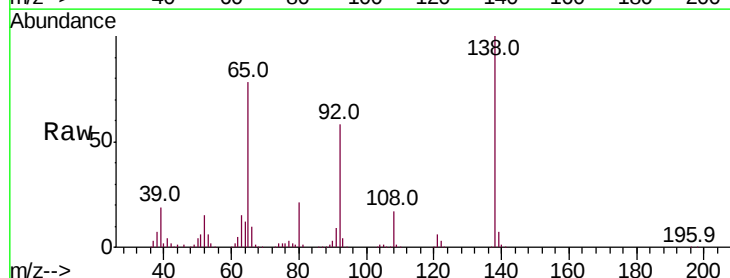


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

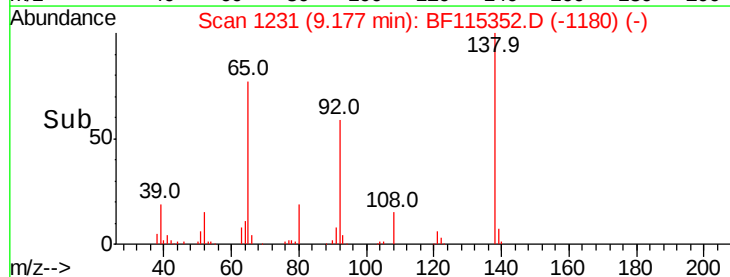
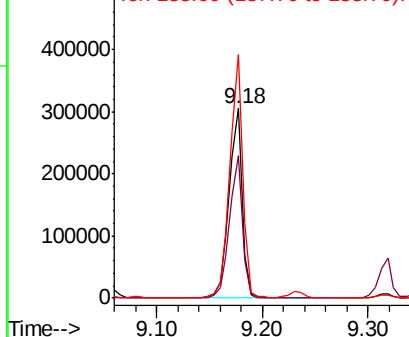


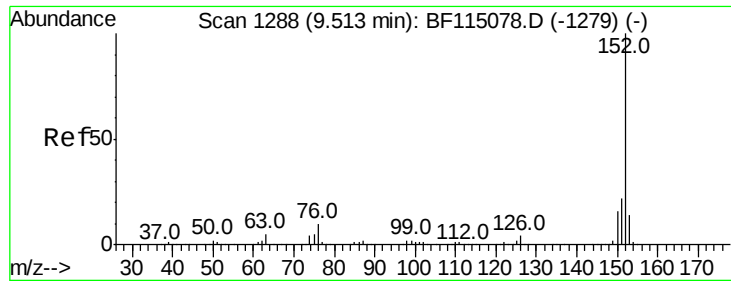
#48
 2-Nitroaniline
 Concen: 40.287 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.2	58.7	88.1	
138	128.6	97.0	145.6	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.214 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:152 Resp: 1442908

Ion Ratio Lower Upper

152 100

151 20.7 17.3 25.9

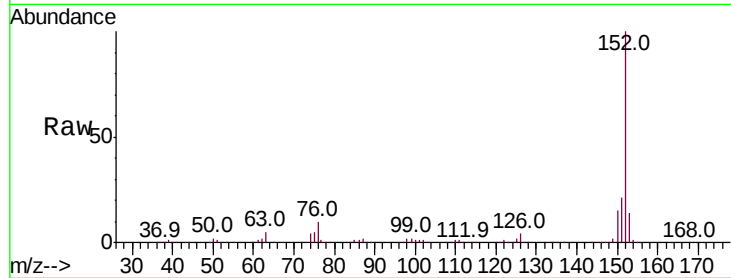
153 13.6 11.4 17.2

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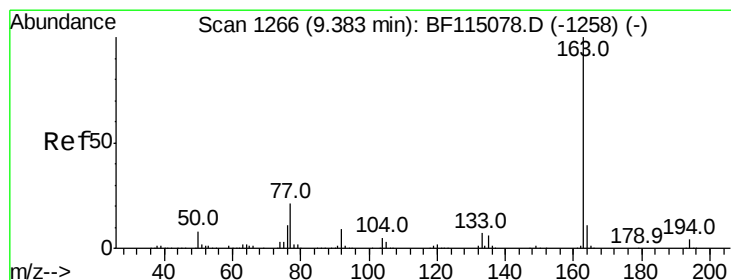
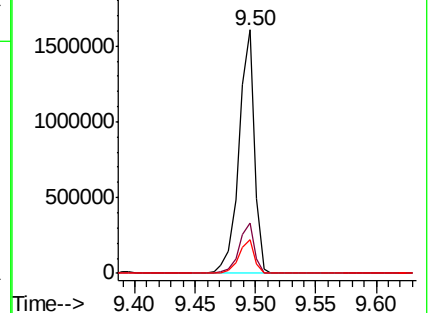
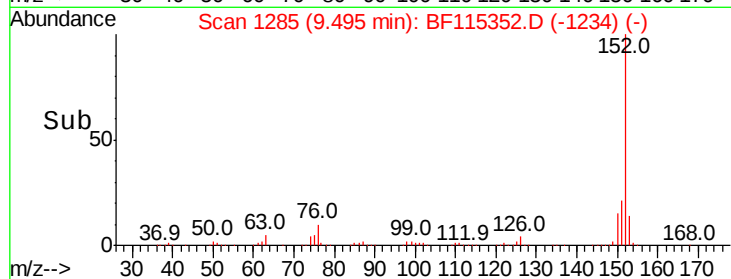
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.407 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

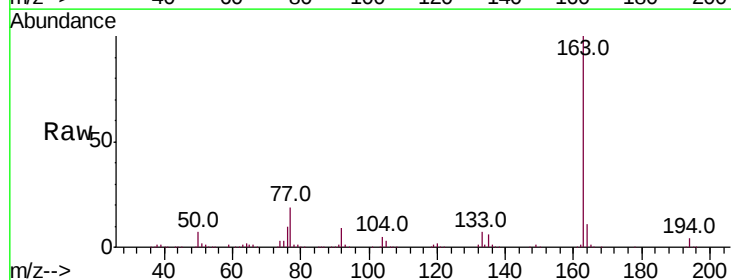
Tgt Ion:163 Resp: 1054709

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

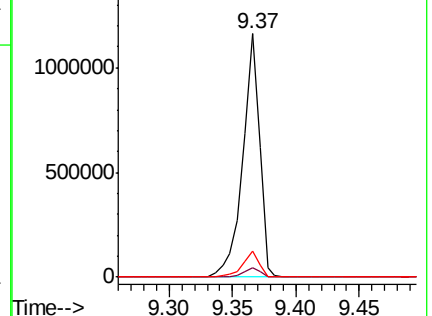
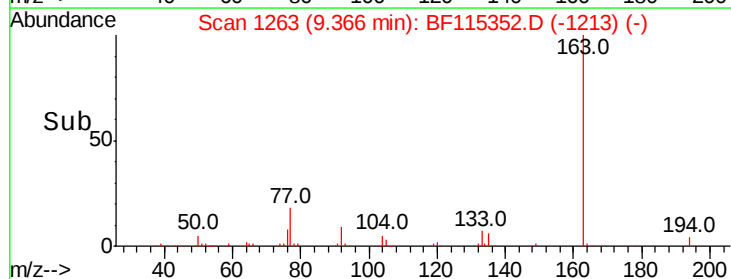
164 10.7 8.0 12.0

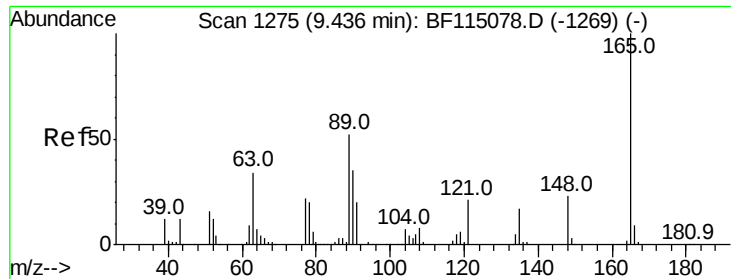


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





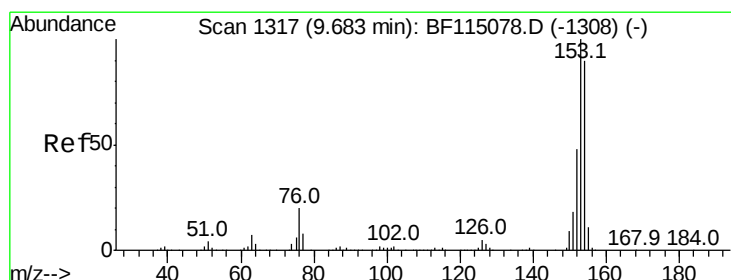
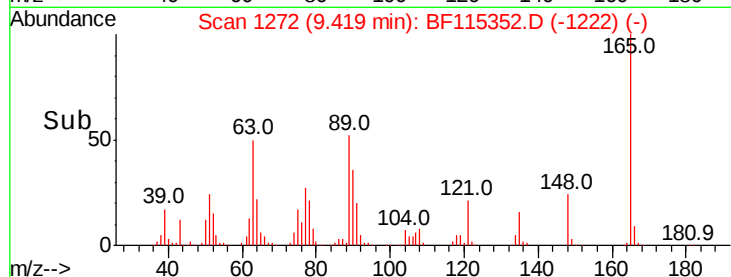
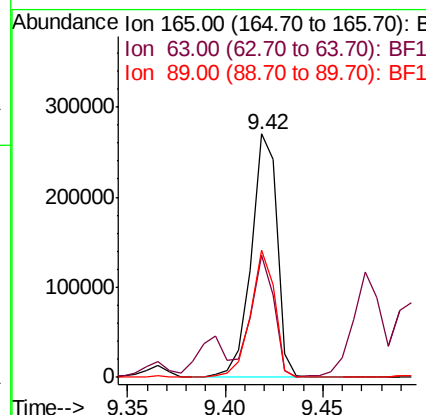
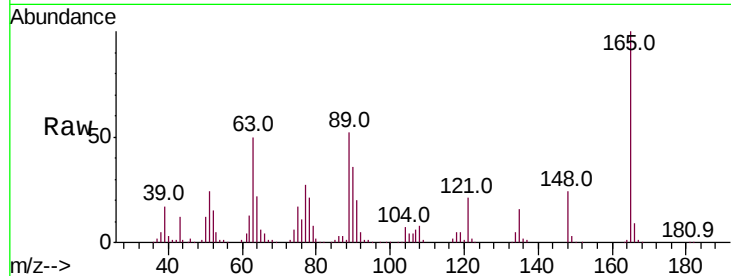
#51
 2,6-Dinitrotoluene
 Concen: 42.105 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247603		
63	50.3		37.0	55.4
89	52.2		40.4	60.6

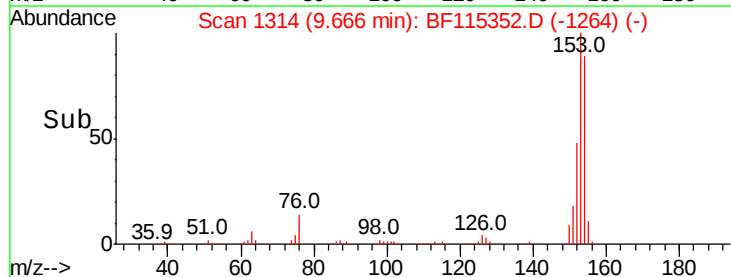
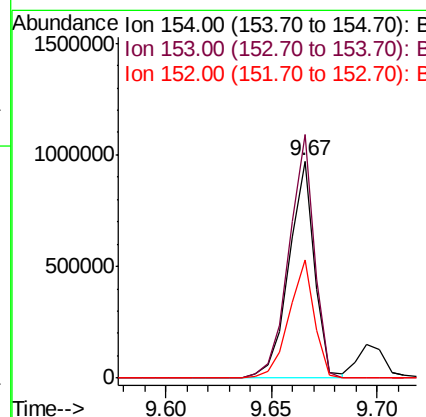
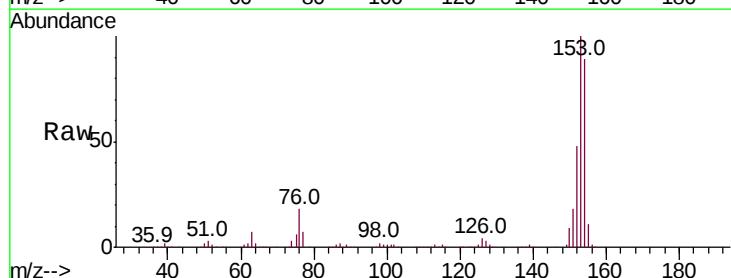
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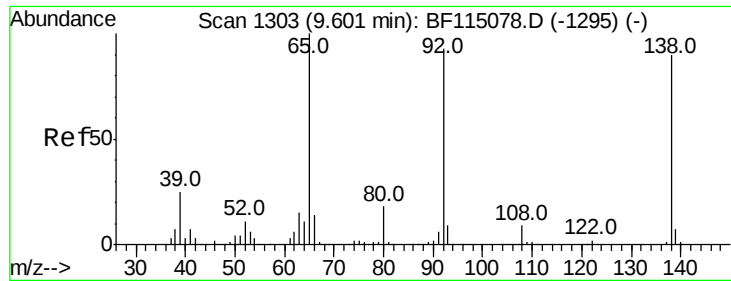
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#52
 Acenaphthene
 Concen: 37.767 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	827380		
153	112.0		89.0	133.6
152	54.3		43.4	65.0





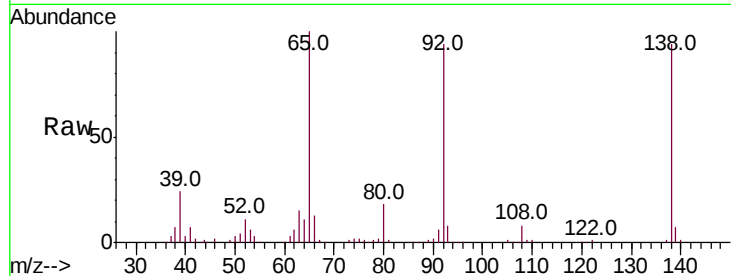
#53
 3-Nitroaniline
 Concen: 26.180 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

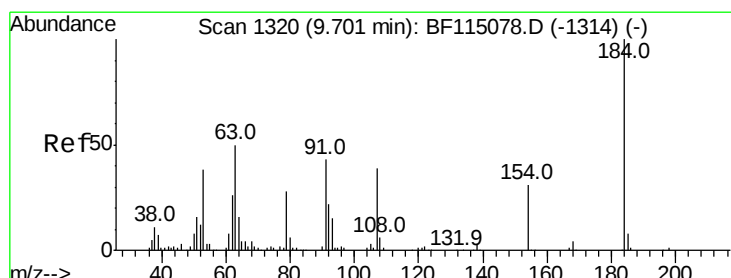
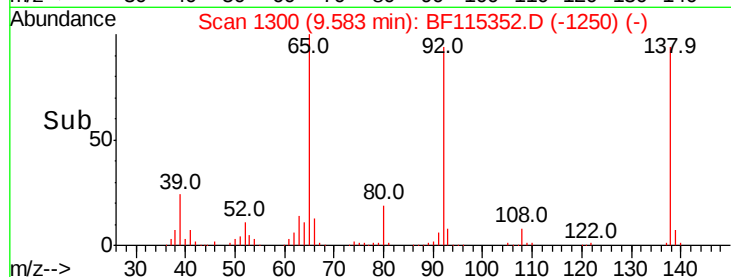
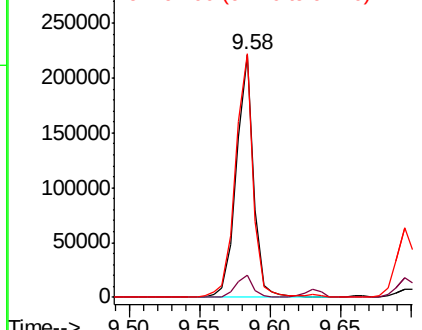
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.8	11.6
92	100.4	82.9	124.3

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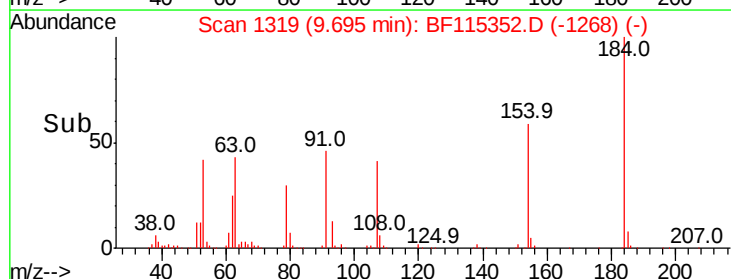
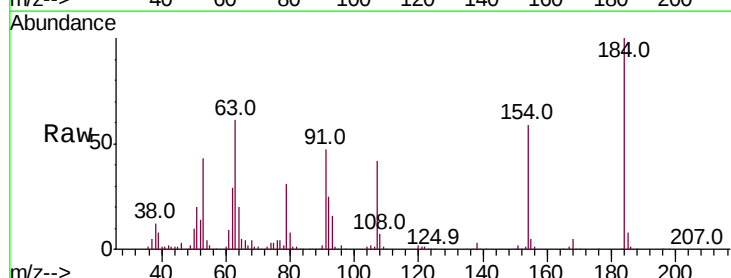
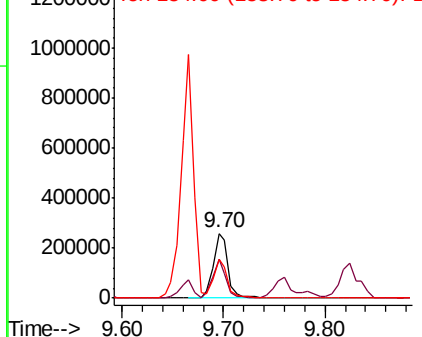
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

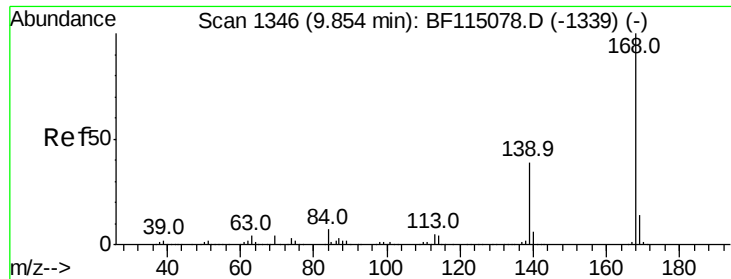


#54
 2,4-Dinitrophenol
 Concen: 85.544 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	49.4	74.0
154	59.2	47.5	71.3

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.168 ng

RT: 9.84 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:168 Resp: 1263005

Ion Ratio Lower Upper

168 100

139 38.6 31.4 47.2

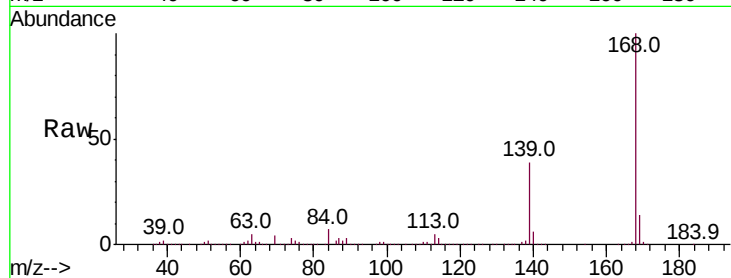
169 14.0 11.5 17.3

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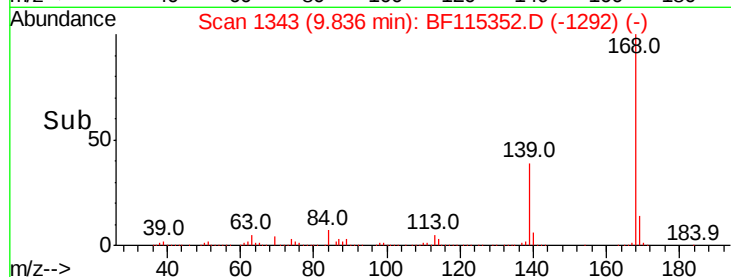
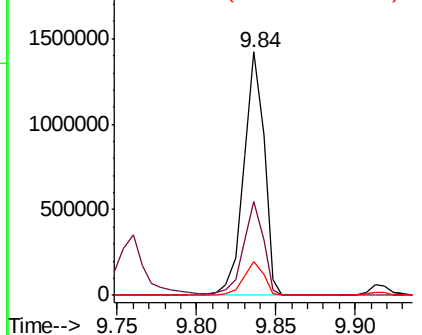
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.929 ng

RT: 9.76 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

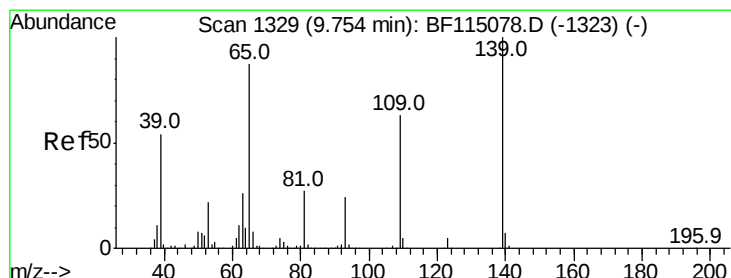
Tgt Ion:139 Resp: 419577

Ion Ratio Lower Upper

139 100

109 61.3 38.6 78.6

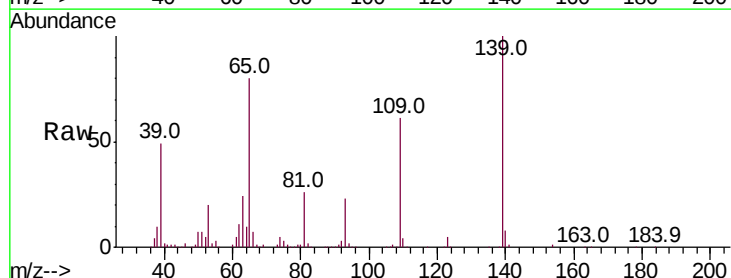
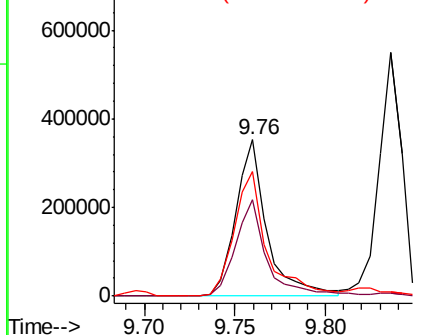
65 79.7 54.7 94.7

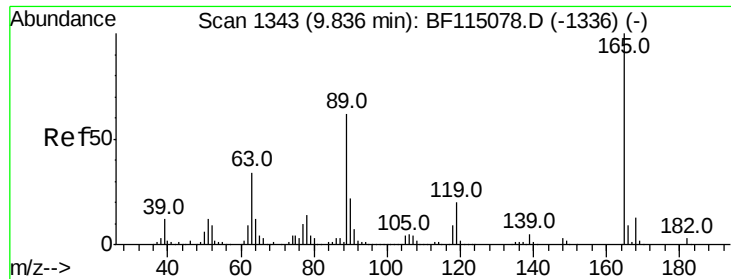


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





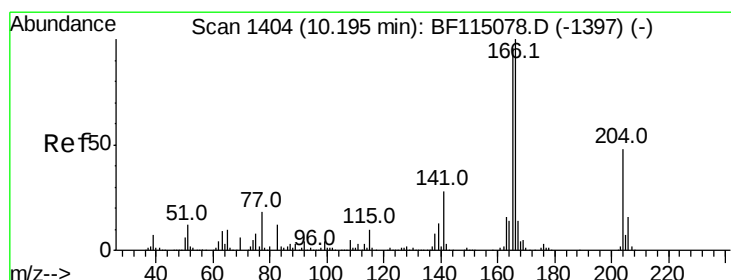
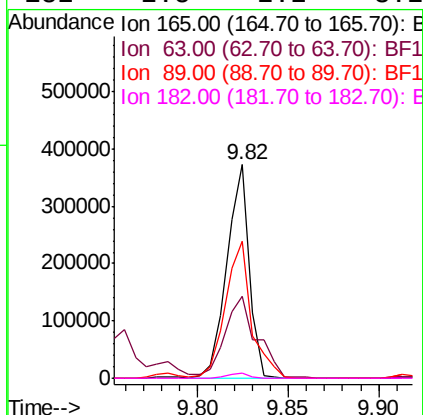
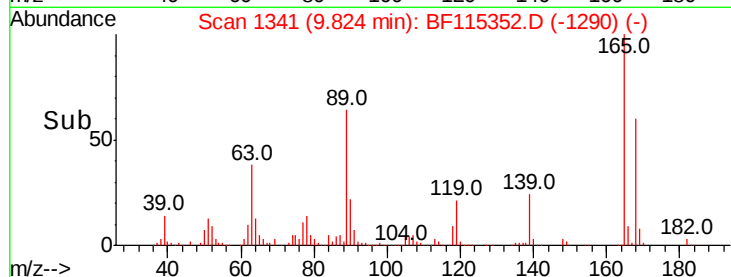
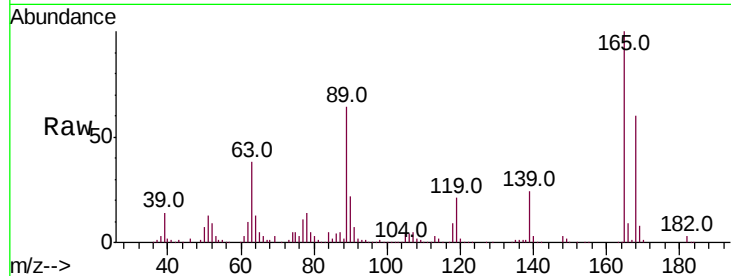
#57
2,4-Dinitrotoluene
Concen: 42.218 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.2	31.2	46.8	
89	64.2	52.8	79.2	
182	2.5	2.2	3.2	

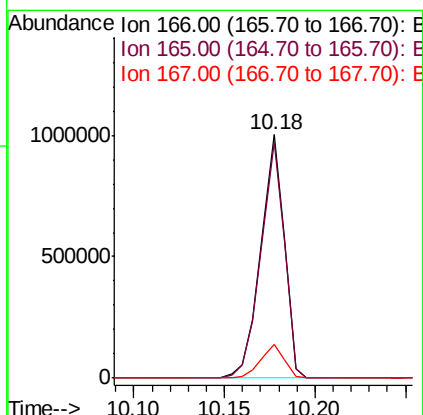
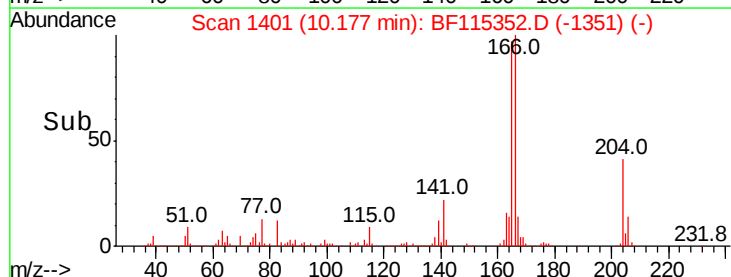
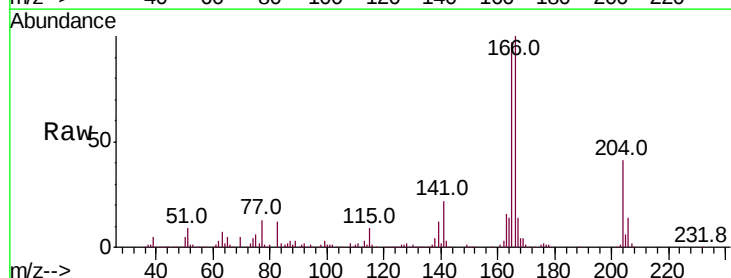
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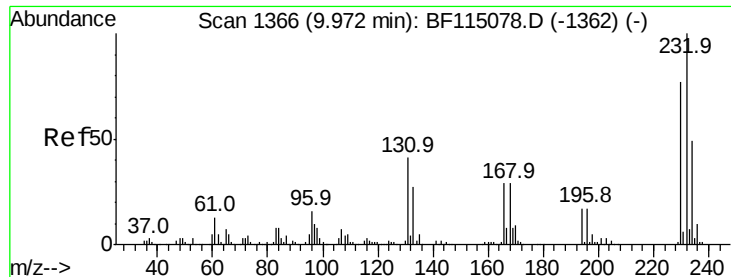
mohammad
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#58
Fluorene
Concen: 43.381 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.9	78.5	117.7	
167	13.8	10.5	15.7	





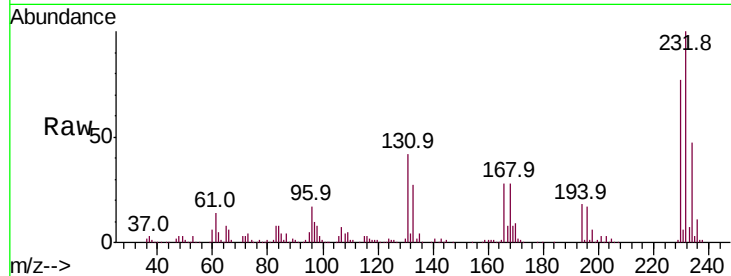
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.813 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	285755		
131	43.9		35.0	52.6
130	2.1		1.7	2.5
166	28.4		22.7	34.1

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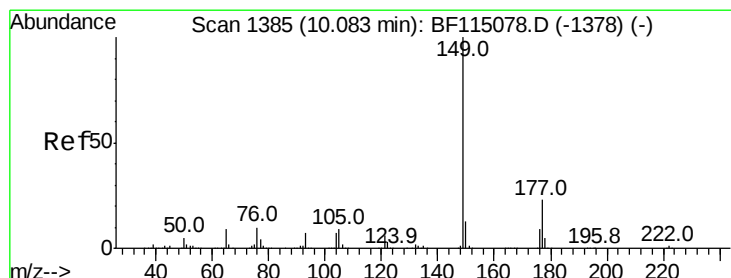
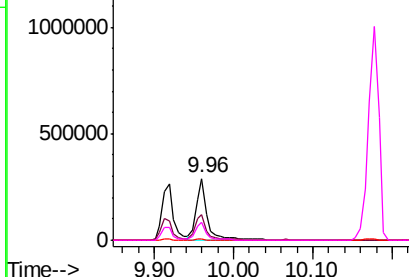
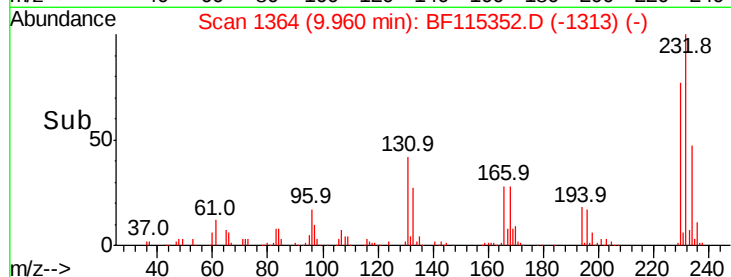
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

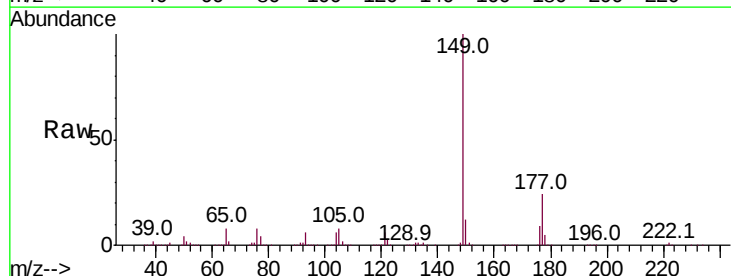
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.881 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1021110		
177	23.6		19.1	28.7
150	12.4		10.2	15.2

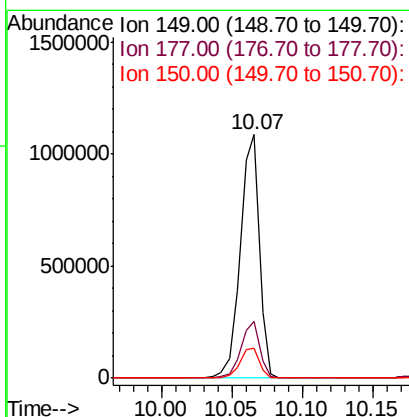
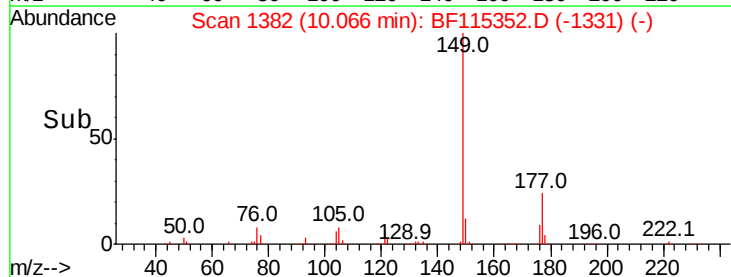


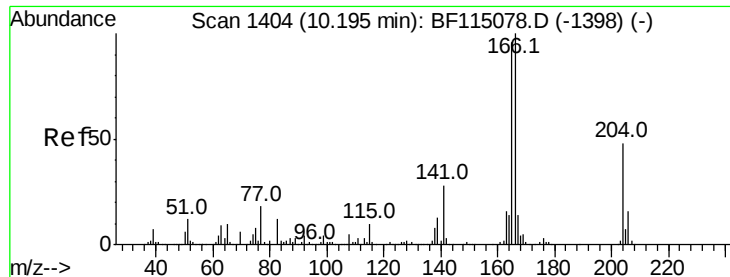
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





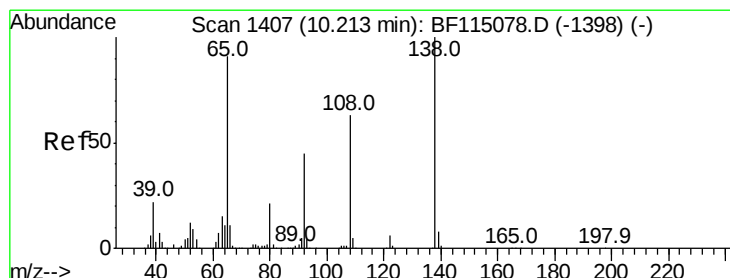
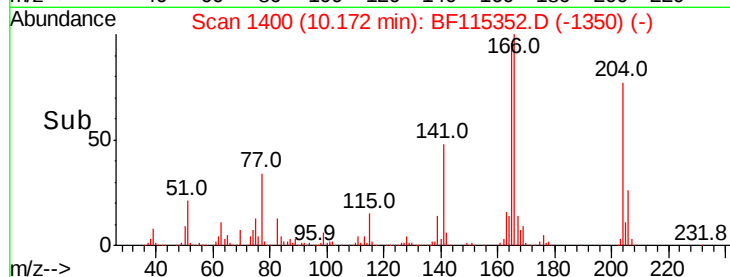
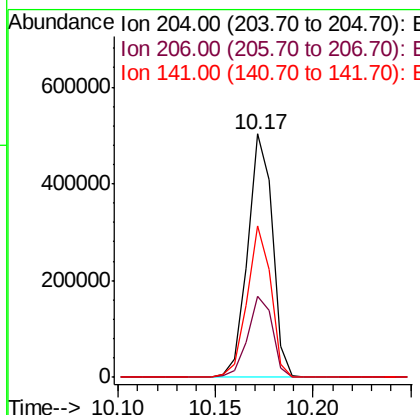
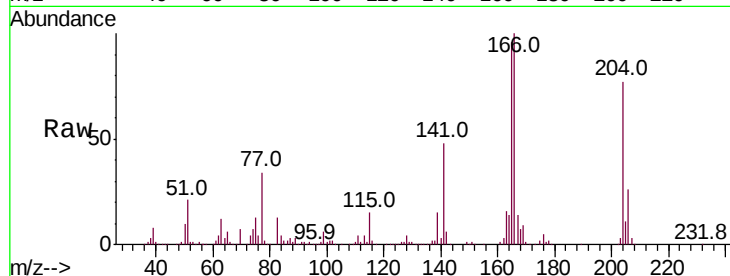
#61
4-Chlorophenyl-phenylether
Concen: 44.258 ng
RT: 10.17 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	62.2	47.0	70.4

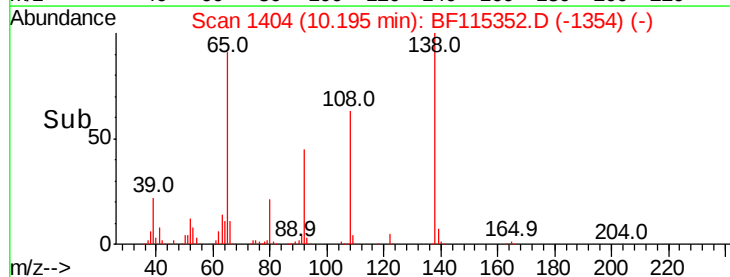
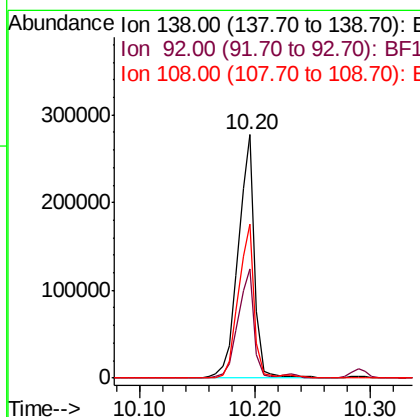
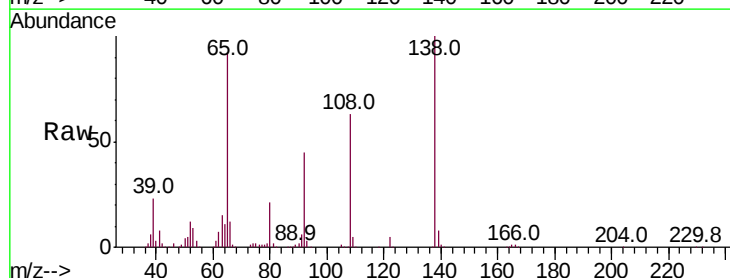
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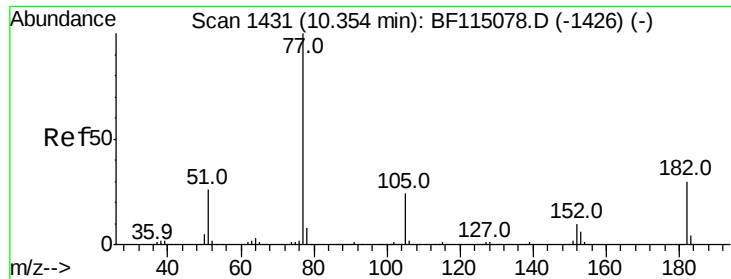
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#62
4-Nitroaniline
Concen: 37.942 ng
RT: 10.20 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	22.1	62.1
108	63.4	41.9	81.9





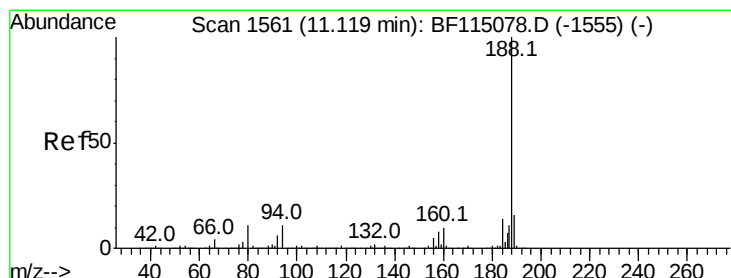
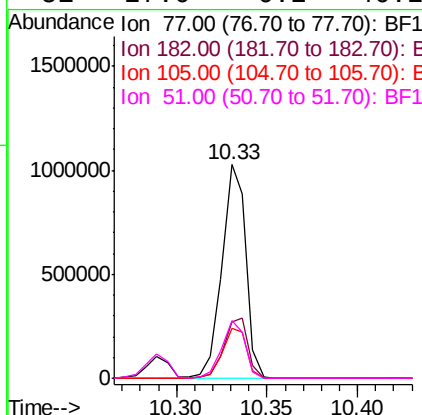
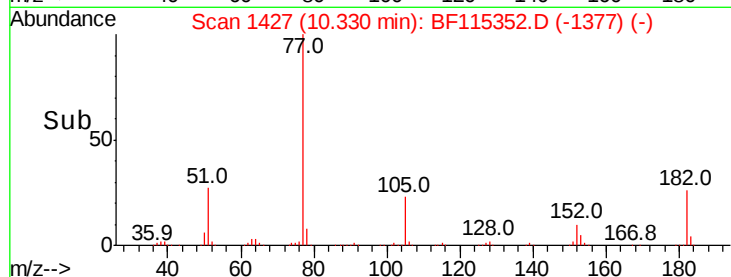
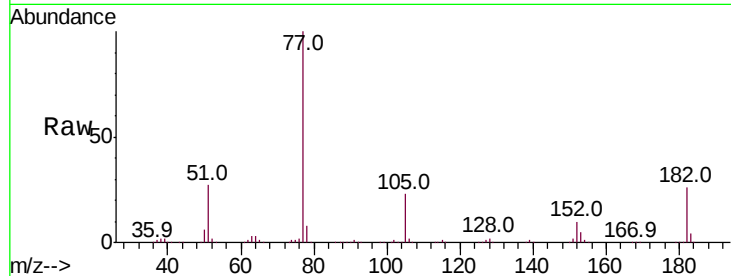
#63
Azobenzene
Concen: 39.160 ng
RT: 10.33 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		936527		
182	26.2	10.2	50.2		
105	23.3	4.5	44.5		
51	27.0	6.2	46.2		

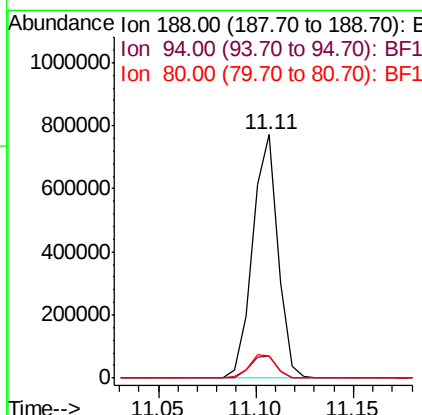
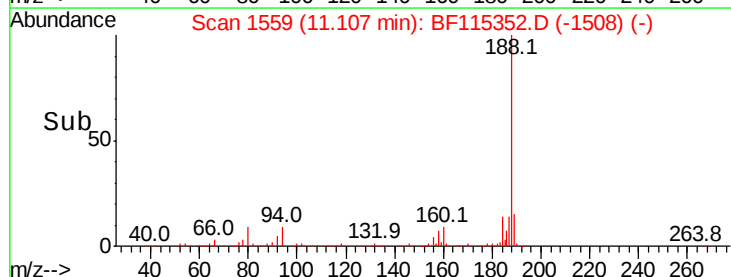
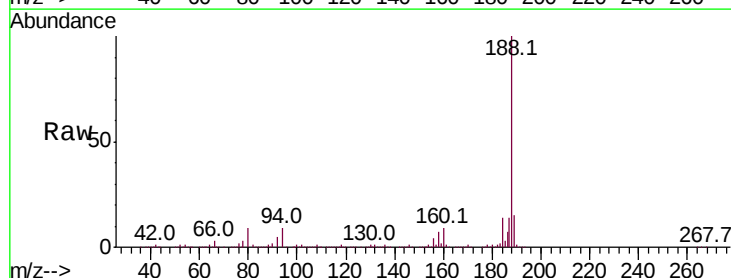
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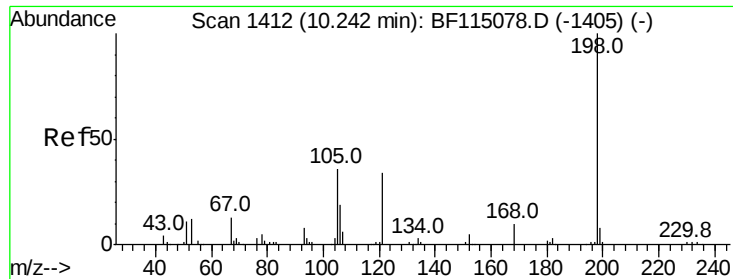
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		692690		
94	9.0	7.6	11.4		
80	9.4	7.9	11.9		





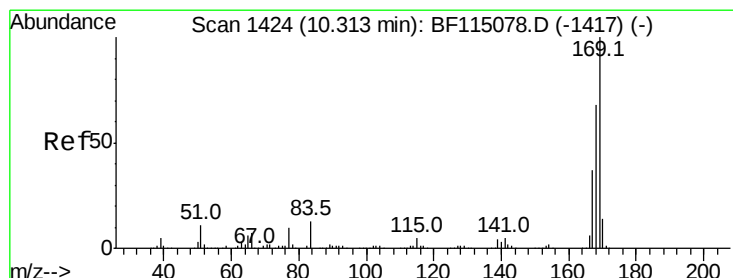
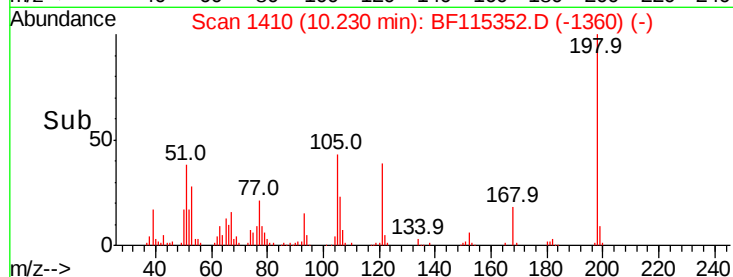
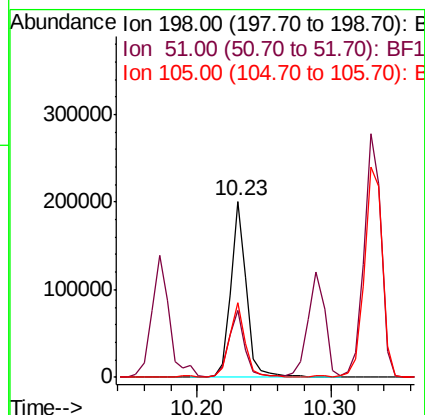
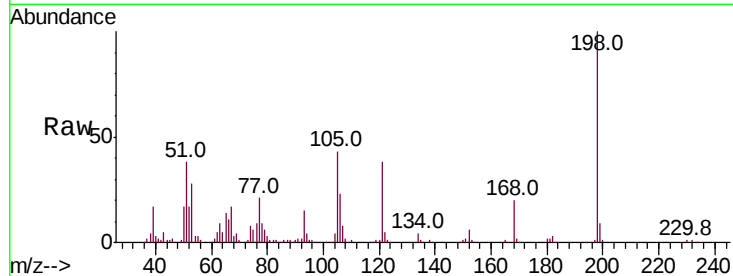
#65
4,6-Dinitro-2-methylphenol
Concen: 45.395 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	166206		
51	38.0		13.4	53.4
105	42.6		19.8	59.8

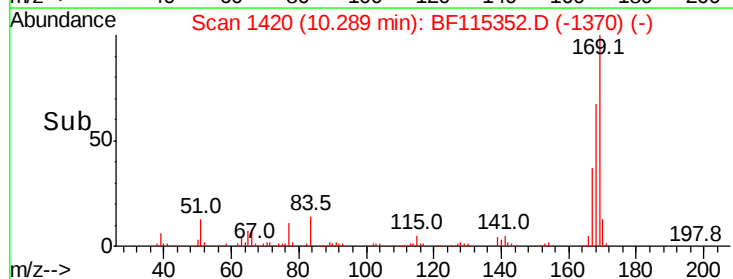
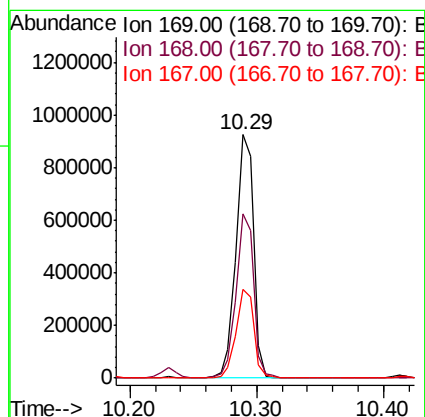
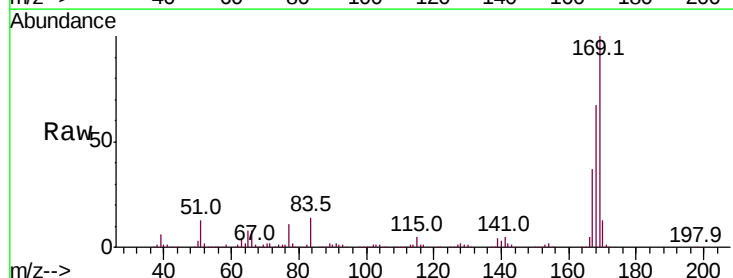
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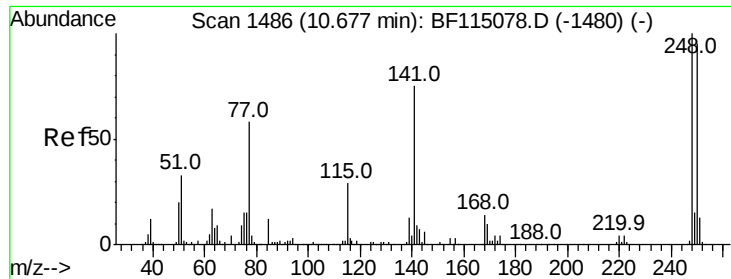
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.592 ng
RT: 10.29 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	875994		
168	67.3		54.2	81.4
167	36.6		29.9	44.9





#67

4-Bromophenyl-phenylether

Concen: 40.142 ng

RT: 10.66 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

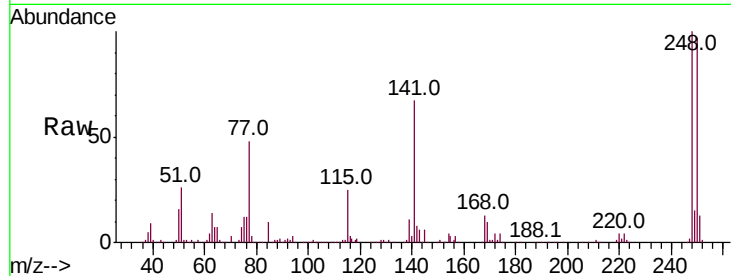
ClientSampleId :

PB121059BSD

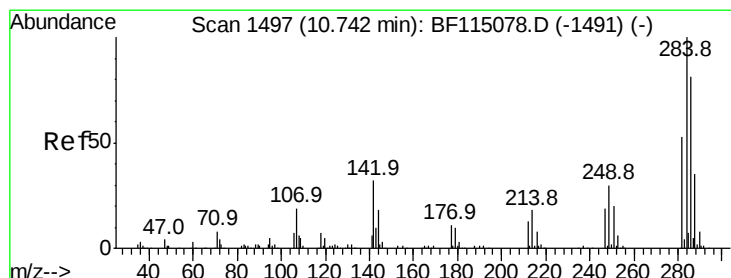
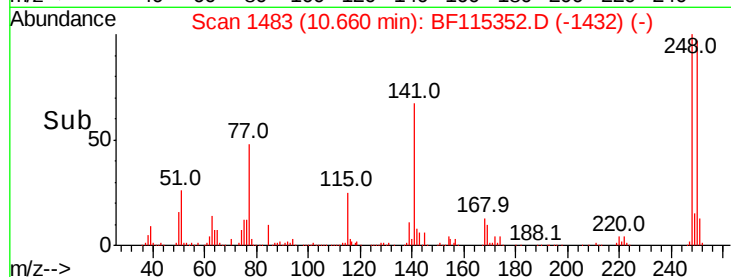
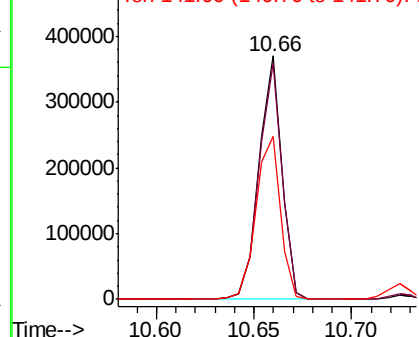
Tot Ion:	248	Resp:	301470
Ion Ratio	Lower	Upper	
248	100		
250	97.0	78.3	117.5
141	67.0	59.1	88.7

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.448 ng

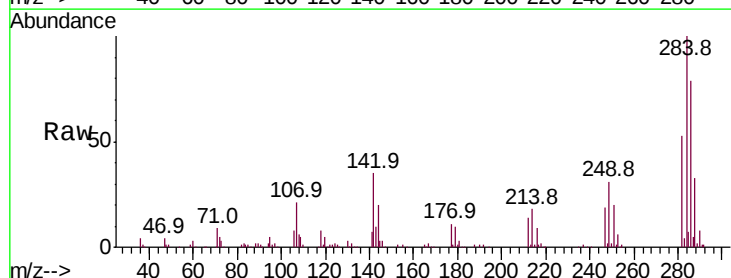
RT: 10.72 min Scan# 1494

Delta R.T. -0.01 min

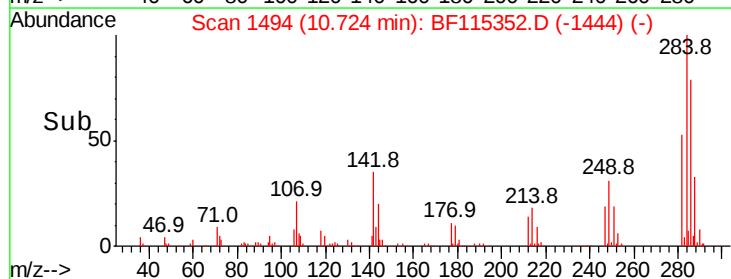
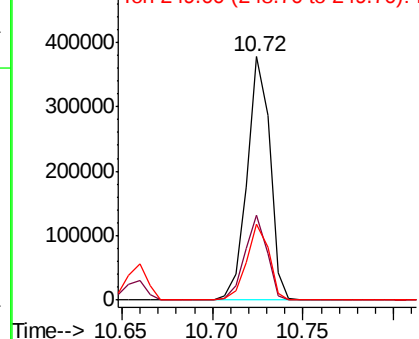
Lab File: BF115352.D

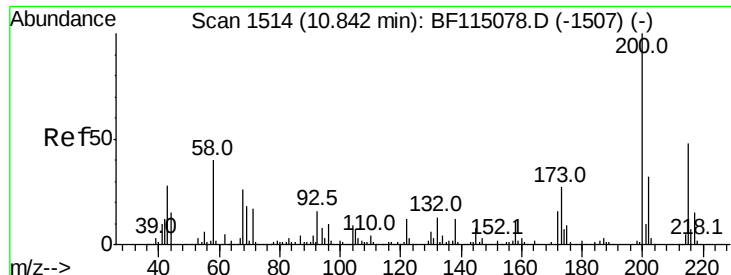
Acq: 2 Jul 2019 9:49

Tgt Ion:	284	Resp:	329727
Ion Ratio	Lower	Upper	
284	100		
142	34.9	24.2	36.2
249	31.0	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





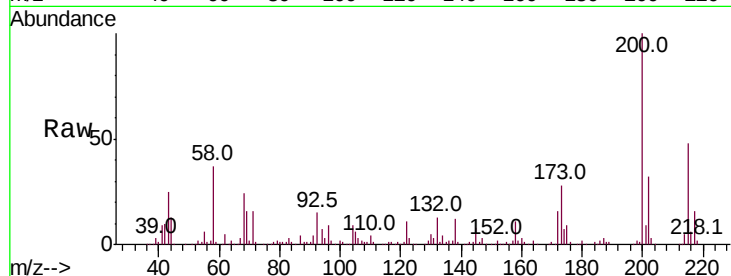
#69
Atrazine
Concen: 40.779 ng
RT: 10.82 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	8.0	48.0
215	47.8	28.7	68.7

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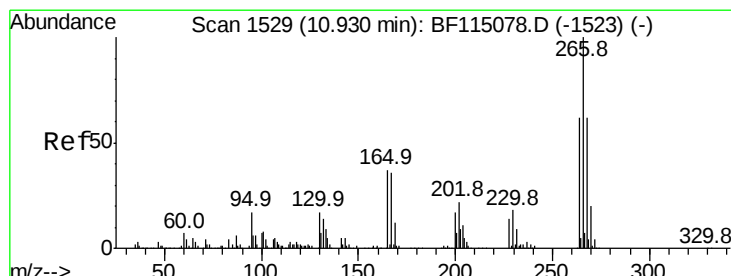
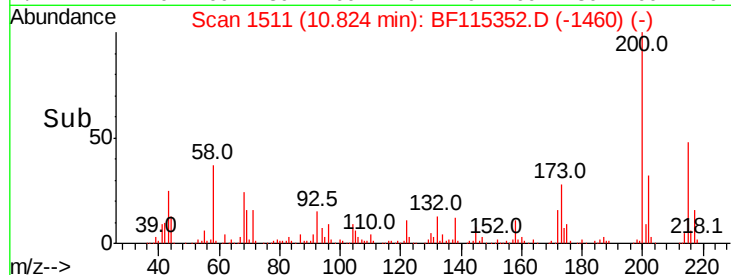
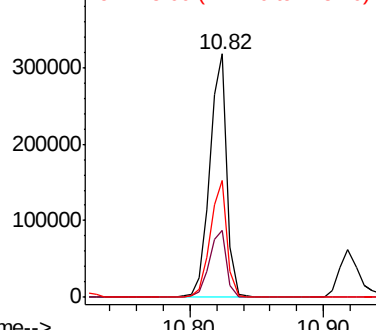


Abundance

Ion 200.00 (199.70 to 200.70): E

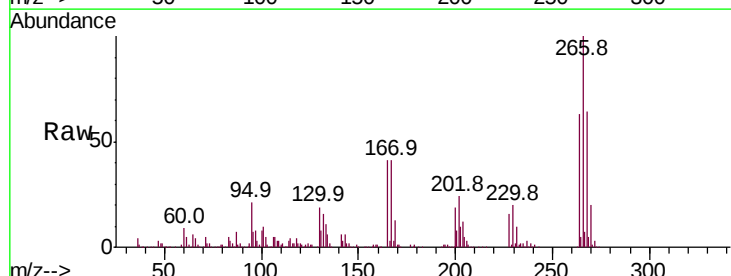
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.592 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	53.4	80.2
264	63.3	50.2	75.2

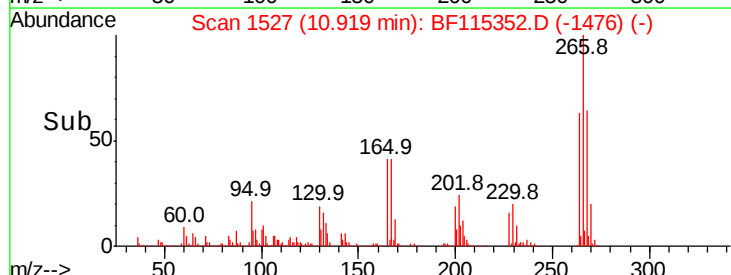
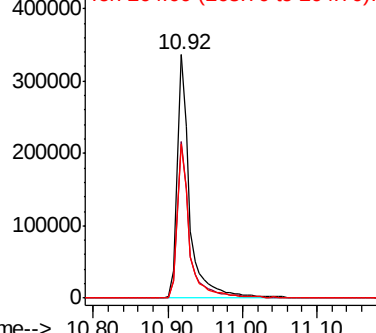


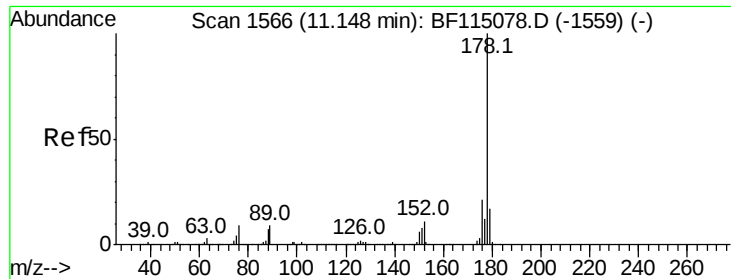
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.912 ng

RT: 11.13 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:178 Resp: 1451249

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

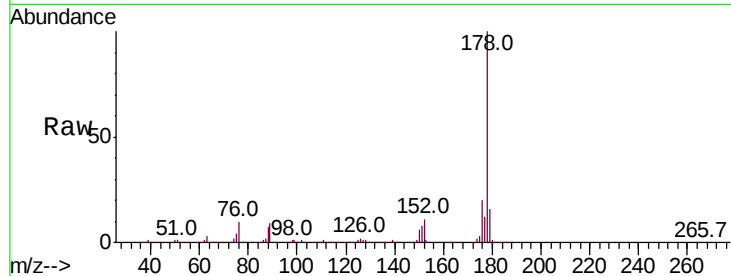
179 16.3 13.1 19.7

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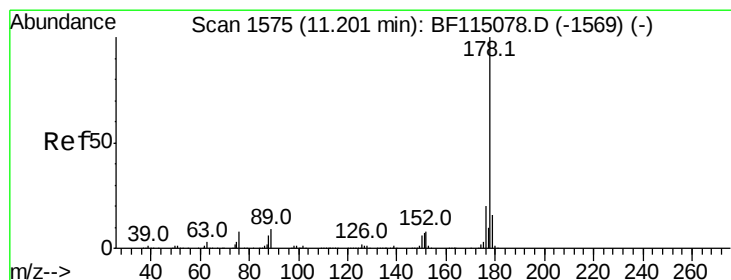
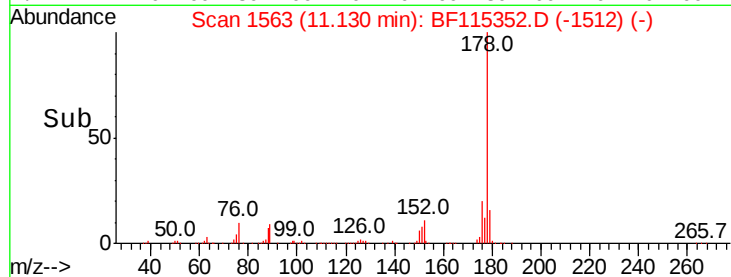
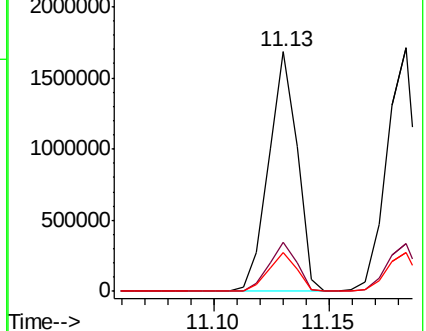
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.762 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:178 Resp: 1496941

Ion Ratio Lower Upper

178 100

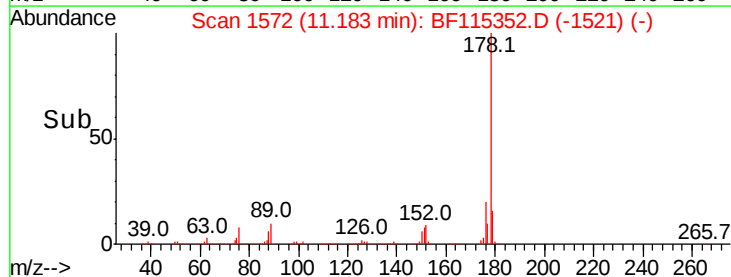
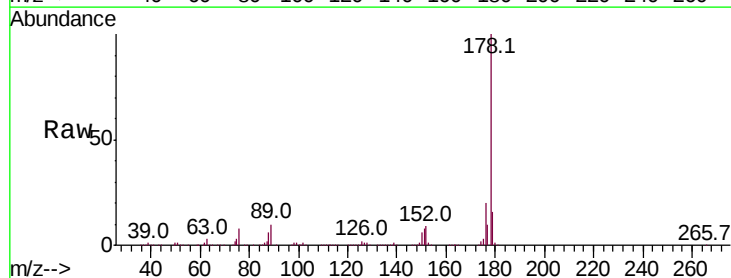
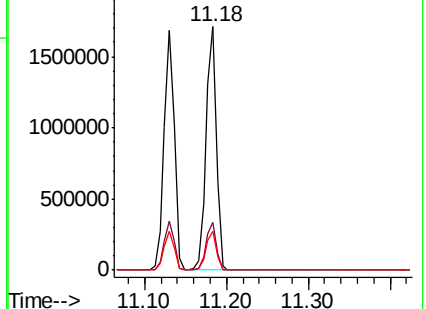
176 19.8 16.2 24.4

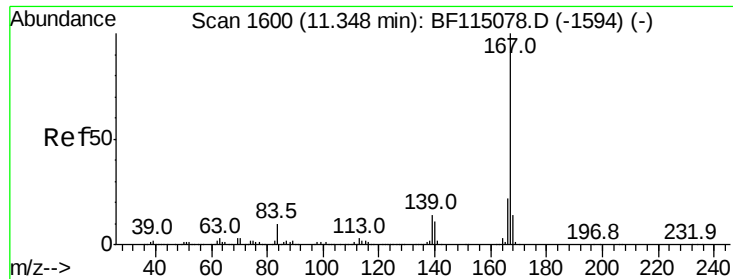
179 16.1 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





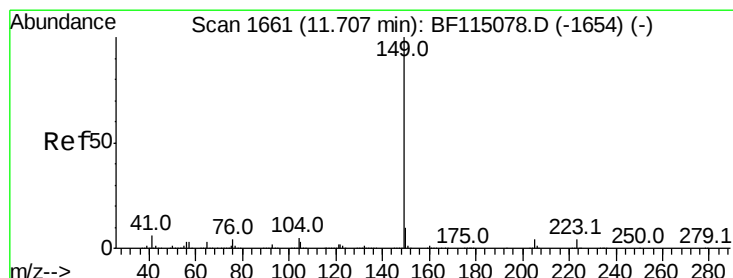
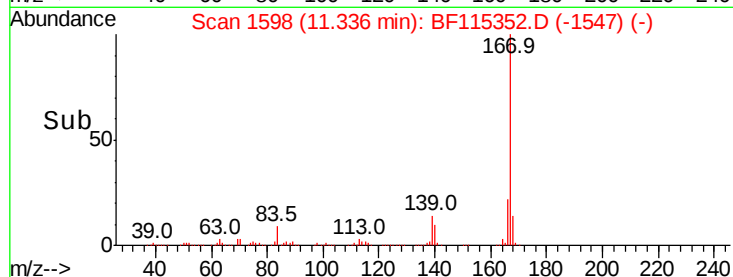
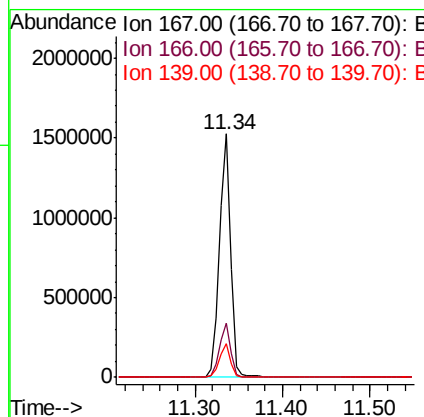
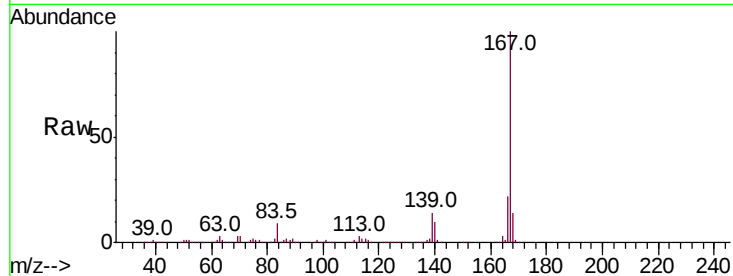
#73
 Carbazole
 Concen: 40.600 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.6	11.4	17.0

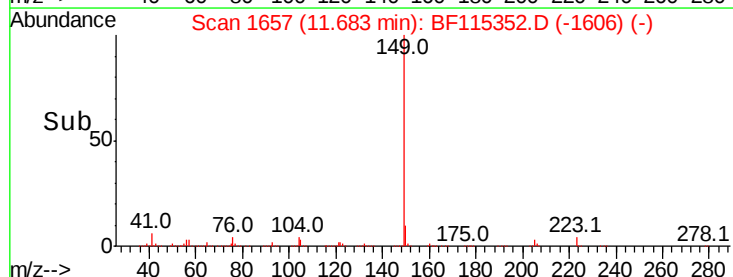
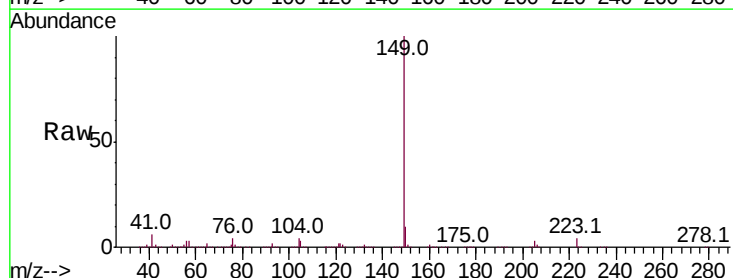
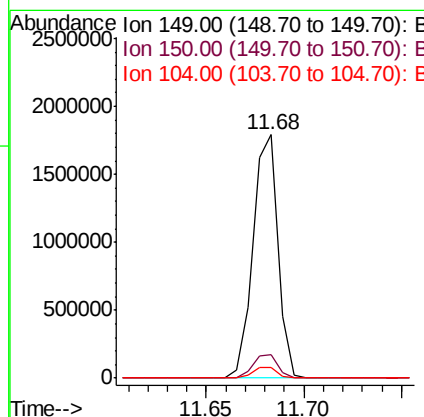
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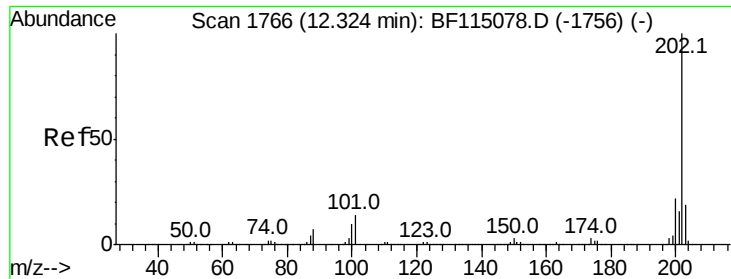
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.849 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.4	3.9	5.9





#75

Fluoranthene

Concen: 40.462 ng

RT: 12.31 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

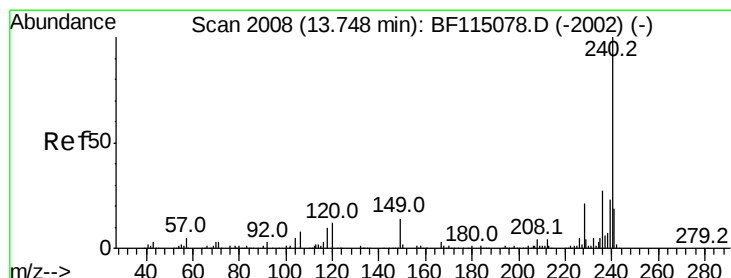
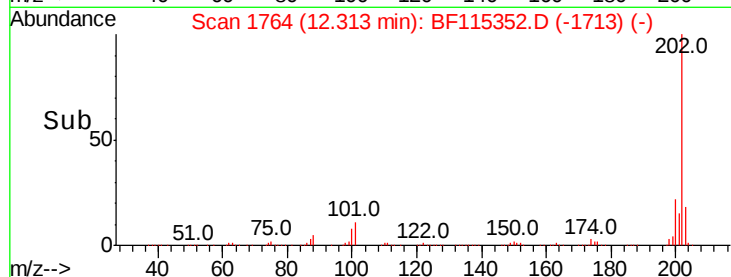
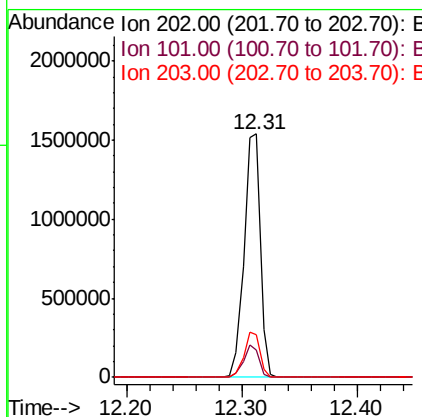
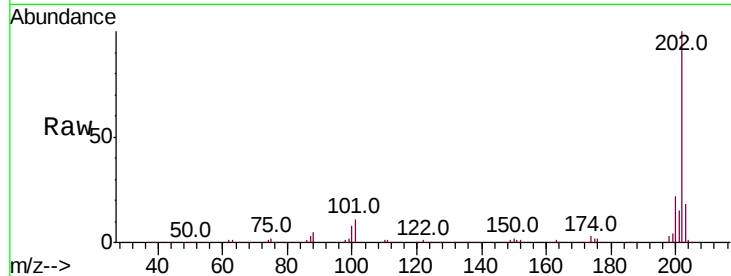
ClientSampleId :

PB121059BSD

Tot Ion:	202	Resp:	1505640
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.6
203	17.7	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

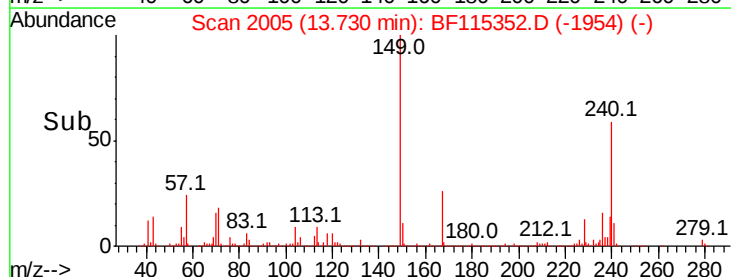
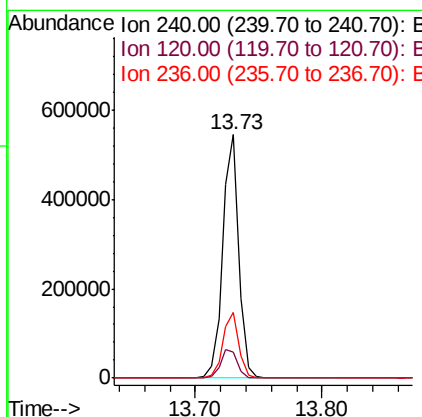
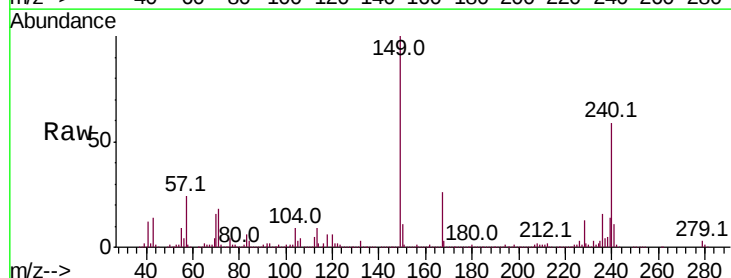
RT: 13.73 min Scan# 2005

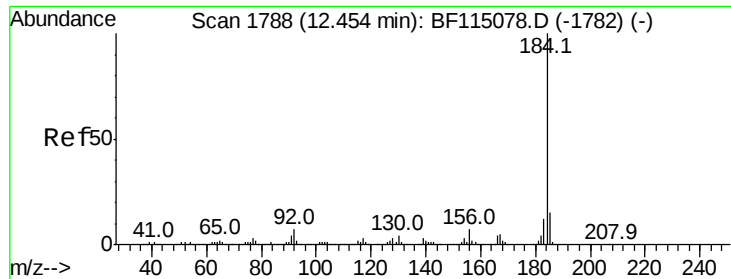
Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	240	Resp:	477515
Ion Ratio	Lower	Upper	
240	100		
120	10.8	10.8	16.2#
236	27.2	21.8	32.8





#77

Benzidine

Concen: 33.336 ng

RT: 12.43 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

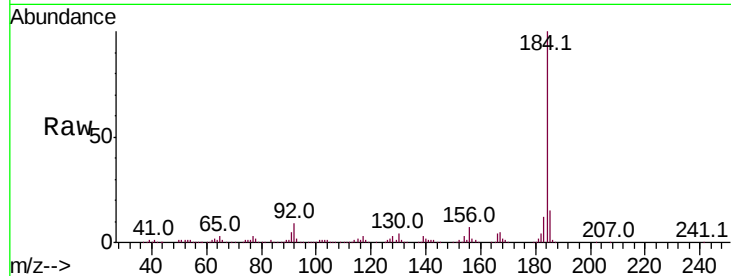
ClientSampleId :

PB121059BSD

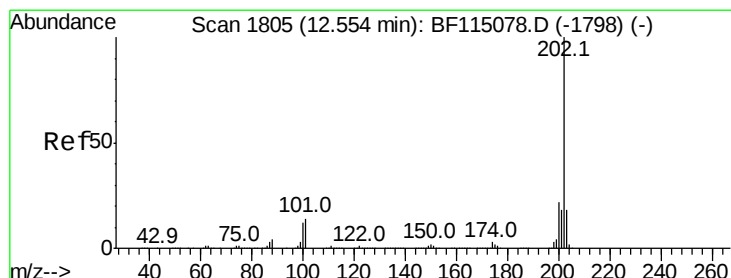
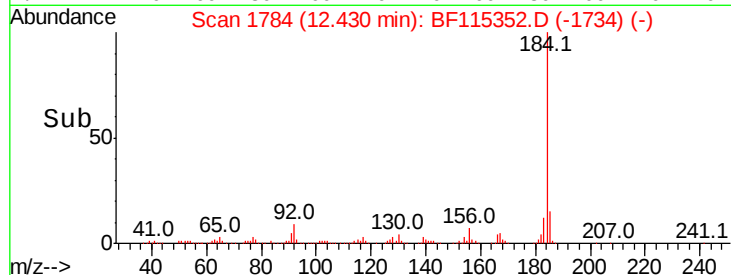
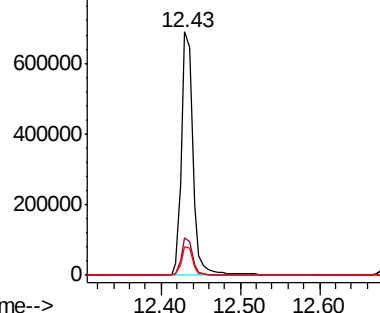
Tot Ion:	184	Resp:	706841
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.5	18.7
183	11.9	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.915 ng

RT: 12.54 min Scan# 1802

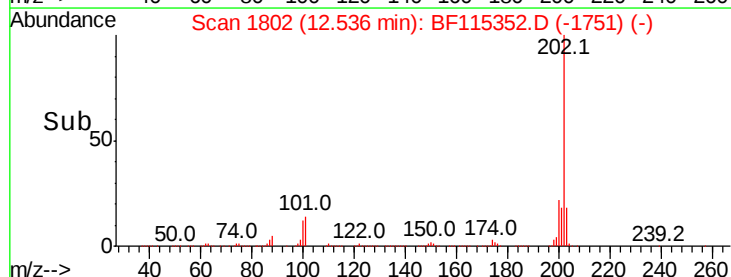
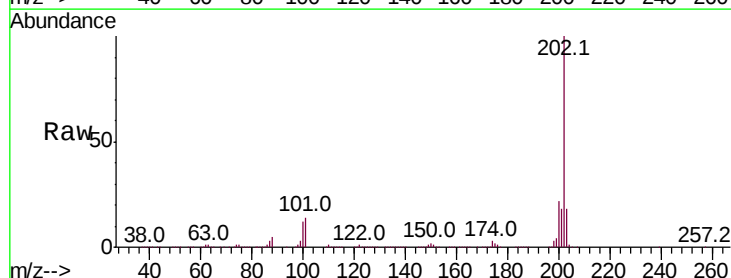
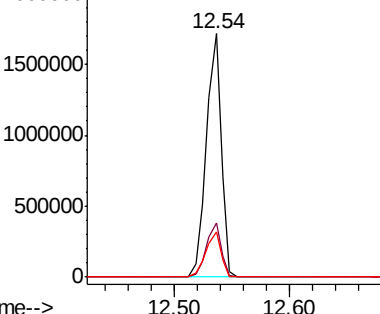
Delta R.T. -0.00 min

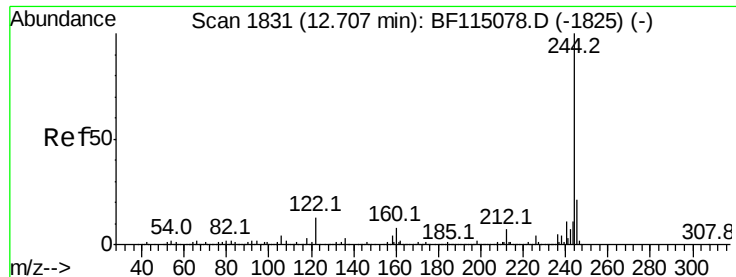
Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion:	202	Resp:	1538151
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.3	27.5
203	18.4	15.0	22.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 89.882 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

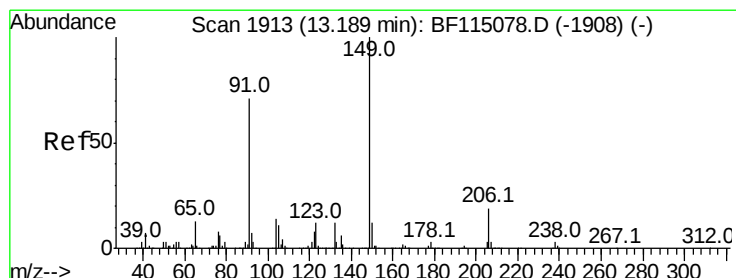
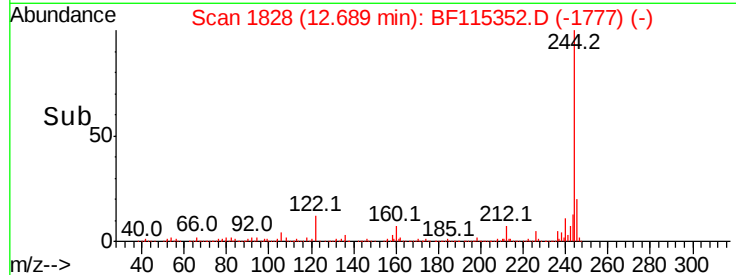
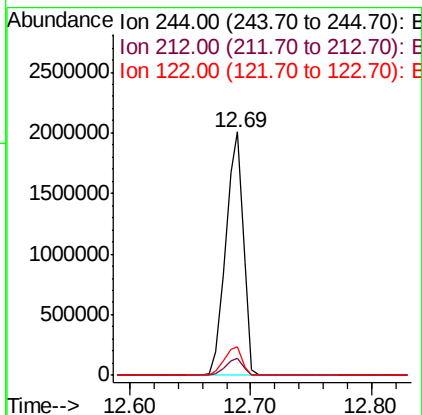
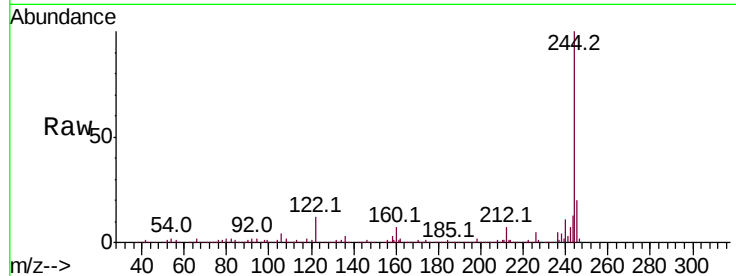
Instrument :
 BNA_F
 ClientSampleId :
 PB121059BSD

Tot Ion:244 Resp: 2018676

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.7	9.9	14.9

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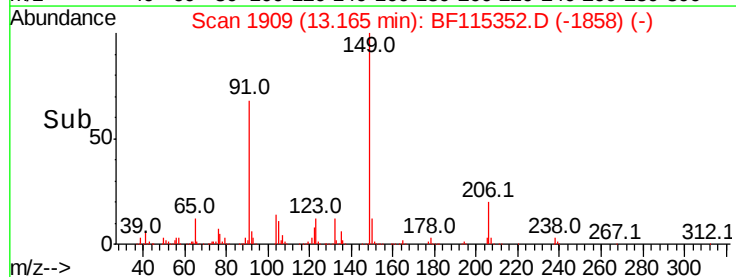
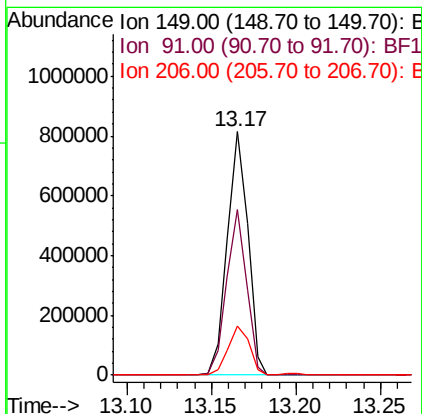
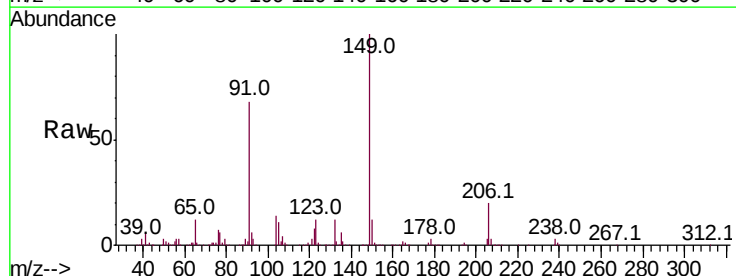
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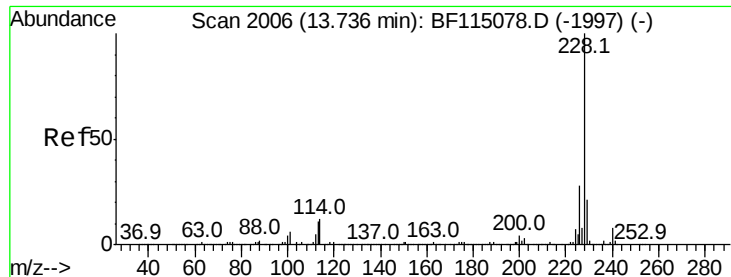


#80
 Butylbenzylphthalate
 Concen: 42.674 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:149 Resp: 691098

Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.6	81.8
206	20.1	16.1	24.1





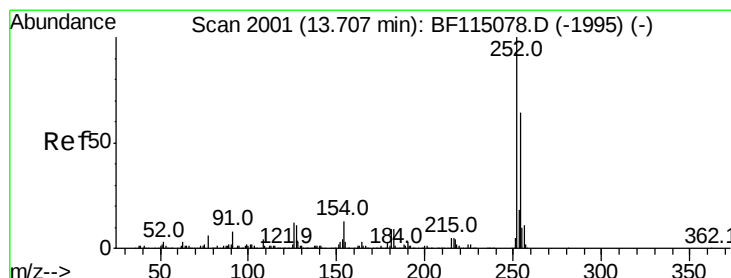
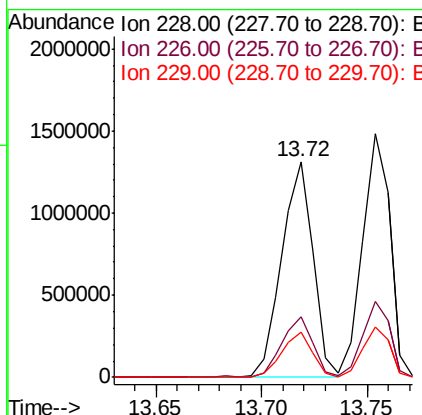
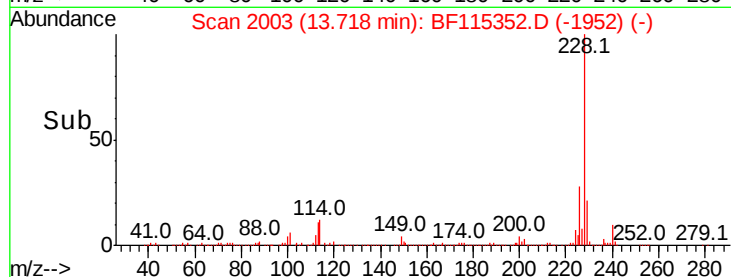
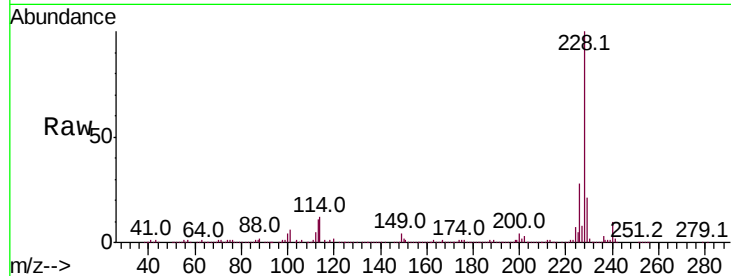
#81
Benzo(a)anthracene
Concen: 39.927 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.8	16.6	25.0

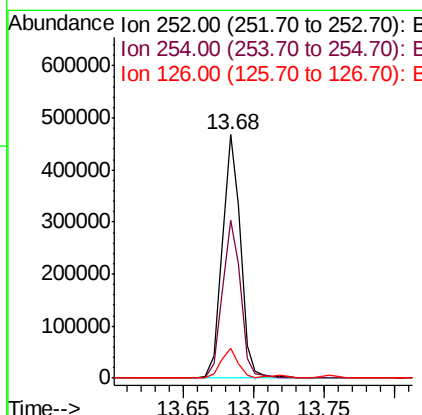
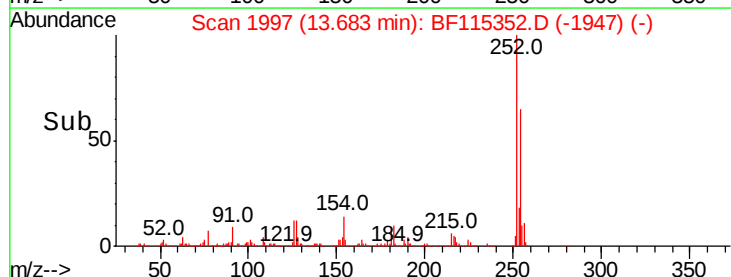
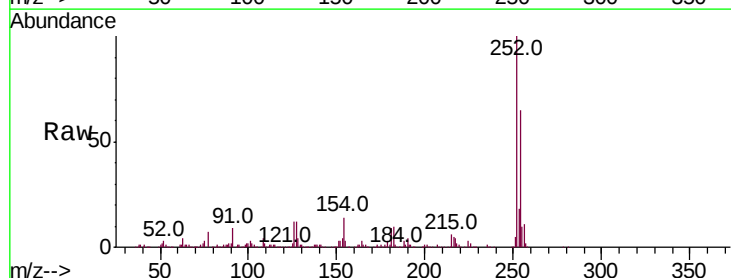
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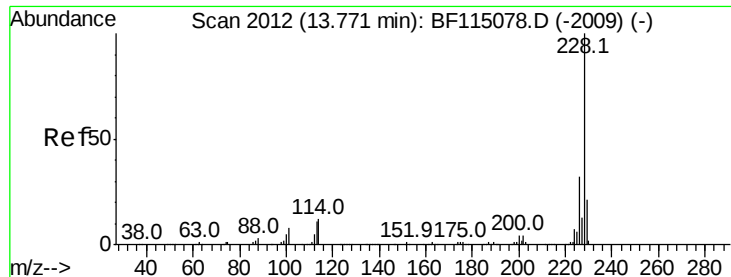
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.904 ng
RT: 13.68 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	12.5	9.8	14.6





#83

Chrysene

Concen: 42.798 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

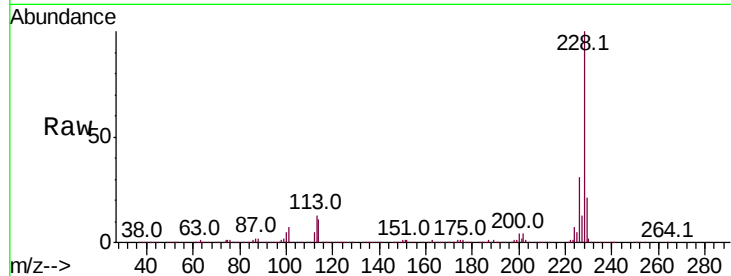
ClientSampleId :

PB121059BSD

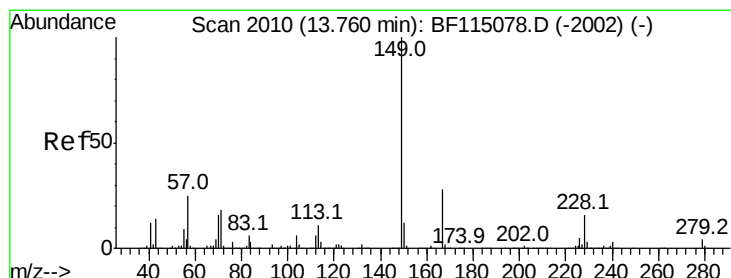
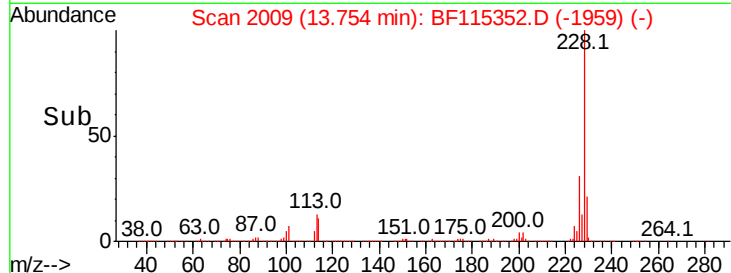
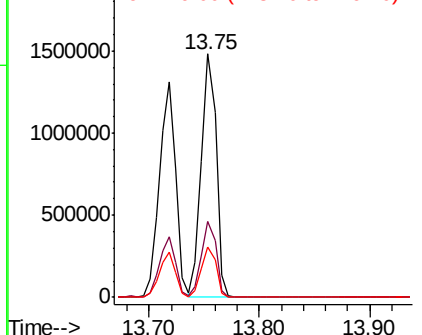
Tot Ion:	228	Resp:	1343265
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.8	16.5	24.7

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.895 ng

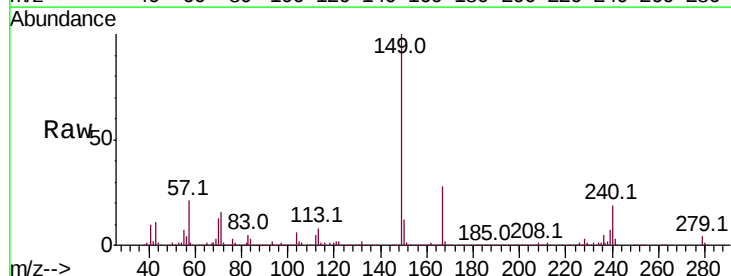
RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

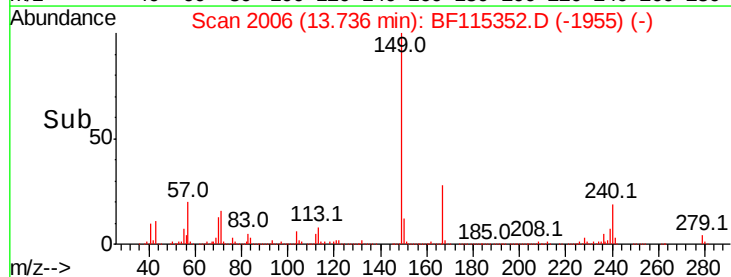
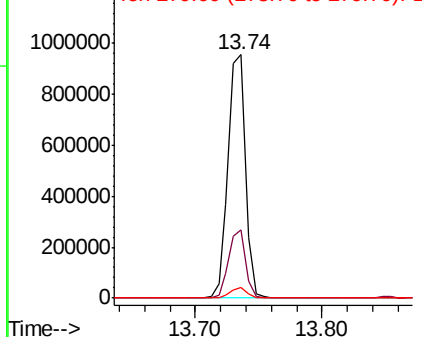
Lab File: BF115352.D

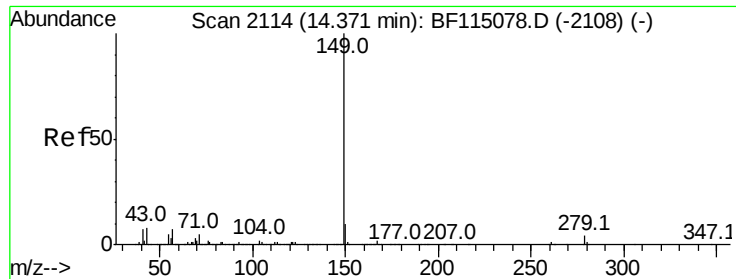
Acq: 2 Jul 2019 9:49

Tgt Ion:	149	Resp:	910245
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	4.5	3.4	5.2



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.896 ng

RT: 14.34 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Instrument :

BNA_F

ClientSampleId :

PB121059BSD

Tot Ion:149 Resp: 1600714

Ion Ratio Lower Upper

149 100

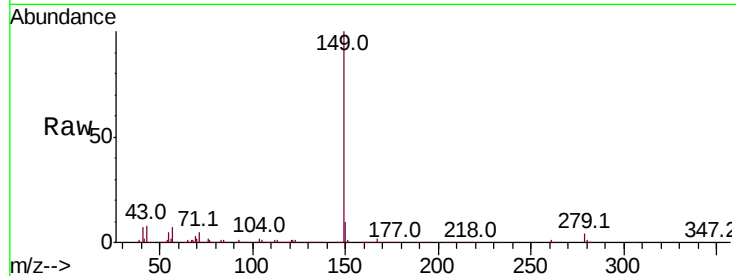
167 1.7 1.3 1.9

43 8.2 6.7 10.1

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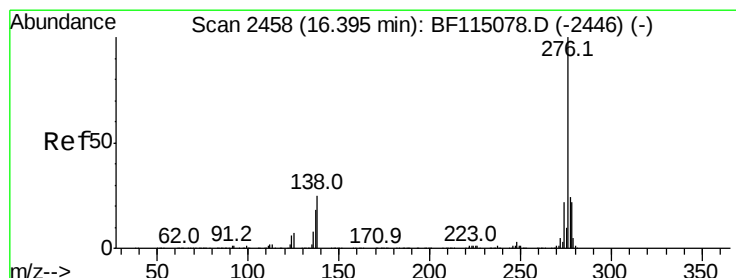
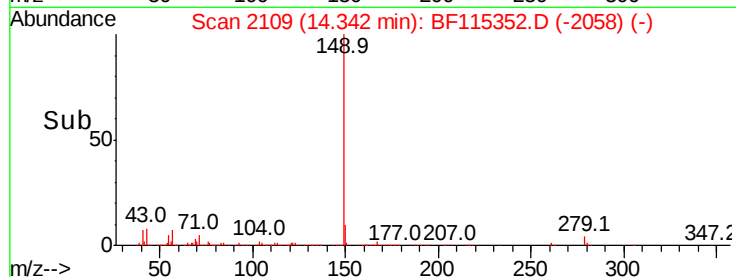
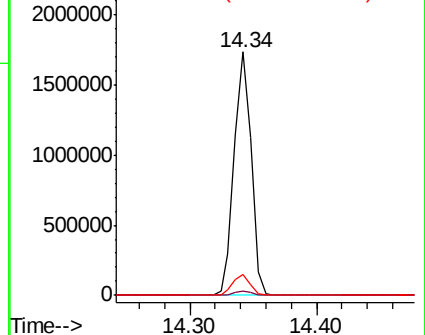
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.116 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

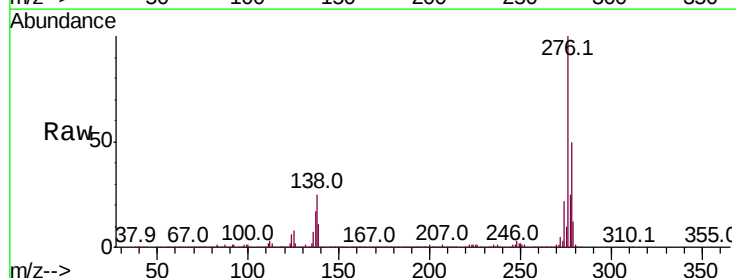
Tgt Ion:276 Resp: 1564123

Ion Ratio Lower Upper

276 100

138 27.9 21.9 32.9

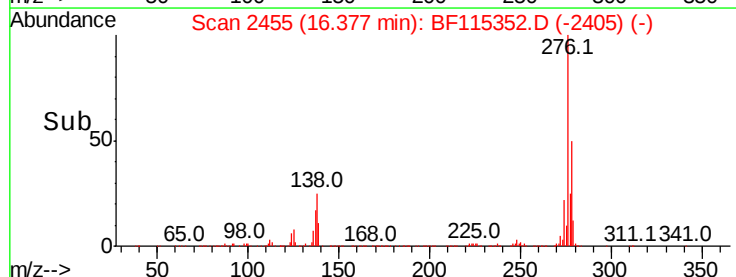
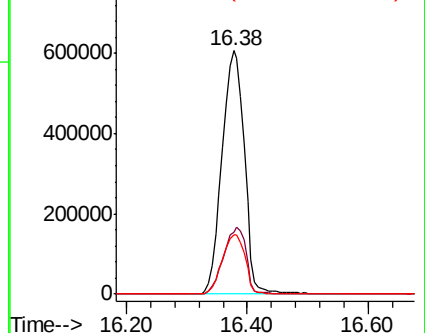
277 25.3 20.5 30.7

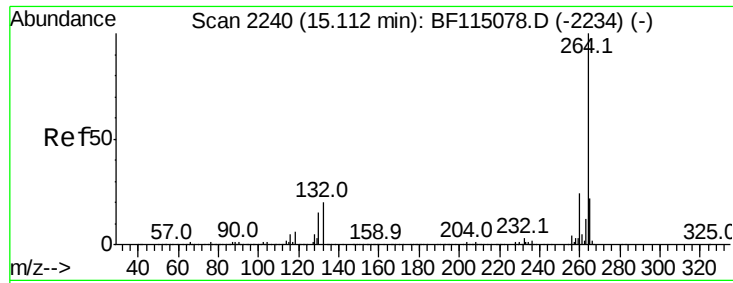


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

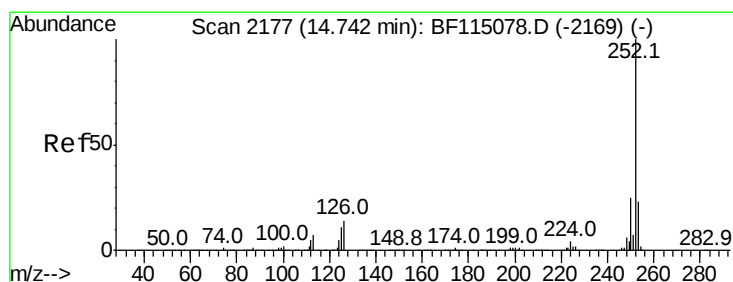
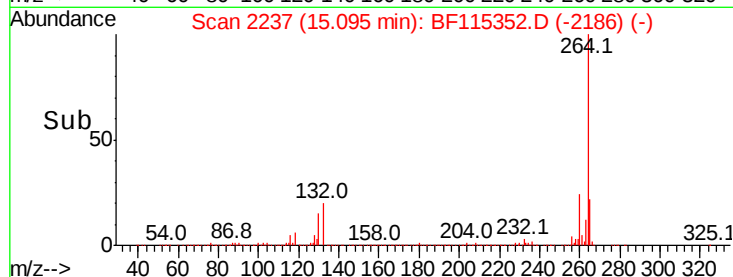
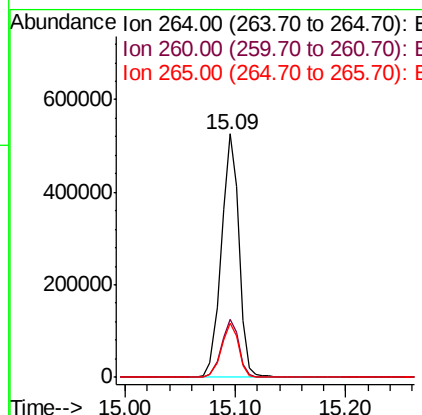
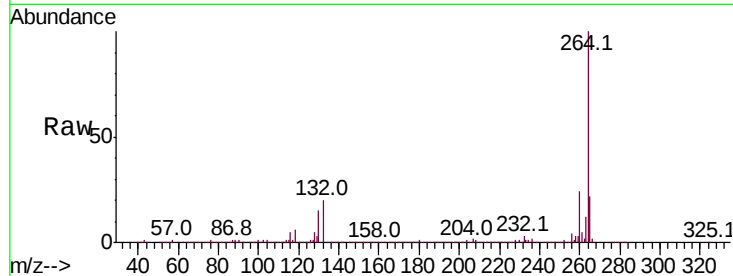
Instrument :
BNA_F

ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.0	18.2	27.2

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#88

Benzo(b)fluoranthene

Concen: 39.671 ng

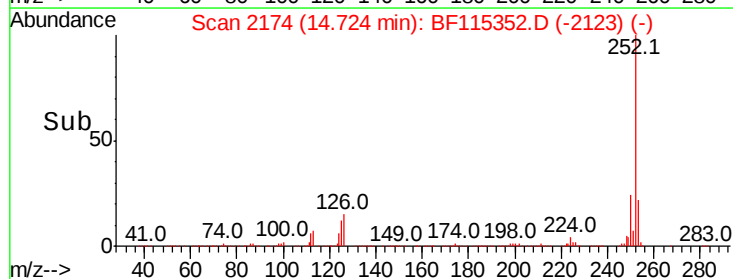
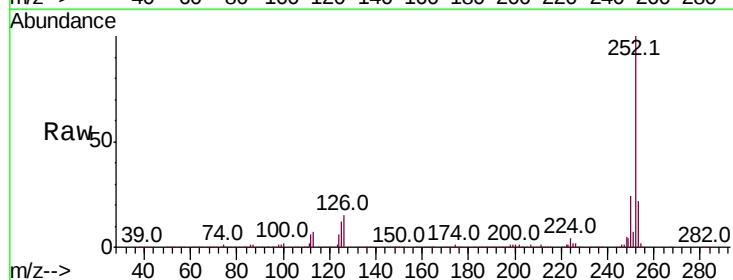
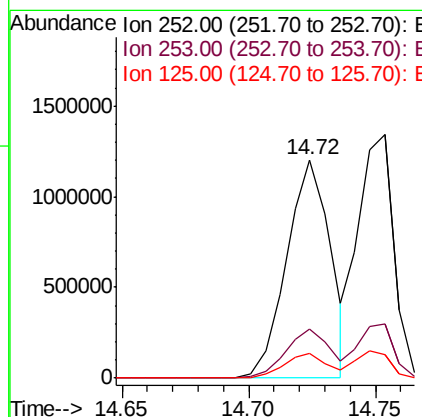
RT: 14.72 min Scan# 2174

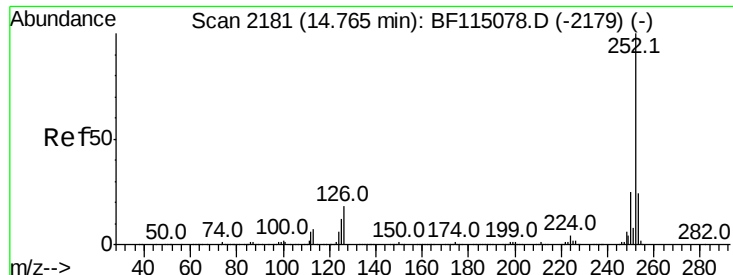
Delta R.T. -0.00 min

Lab File: BF115352.D

Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.5	9.3	13.9





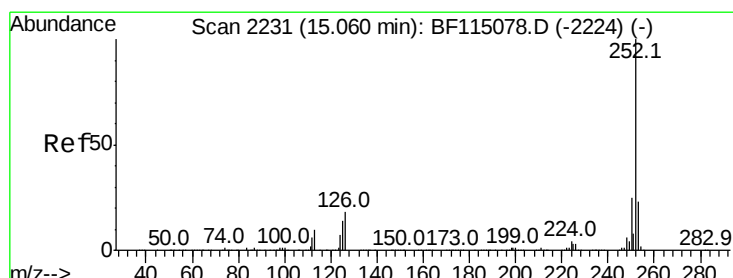
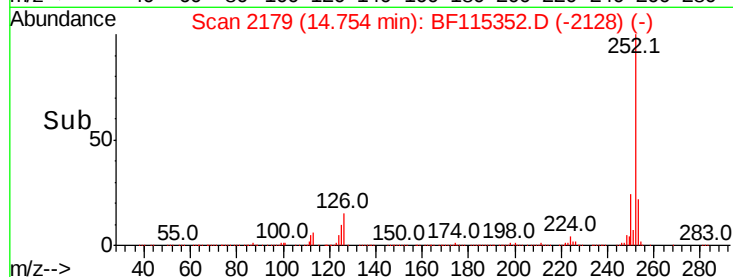
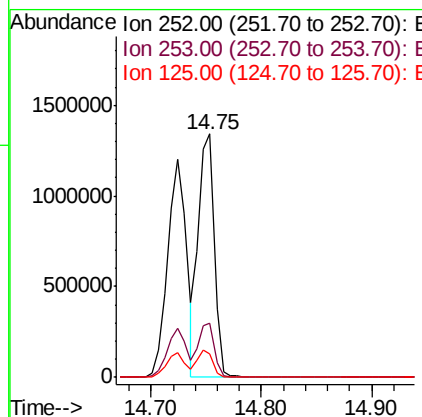
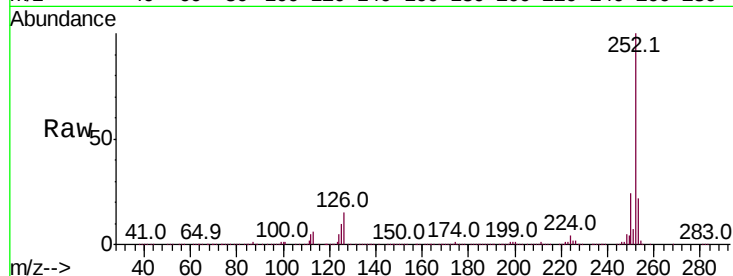
#89
Benzo(k)fluoranthene
Concen: 40.476 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Instrument :
BNA_F
ClientSampleId :
PB121059BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.9	8.7	13.1

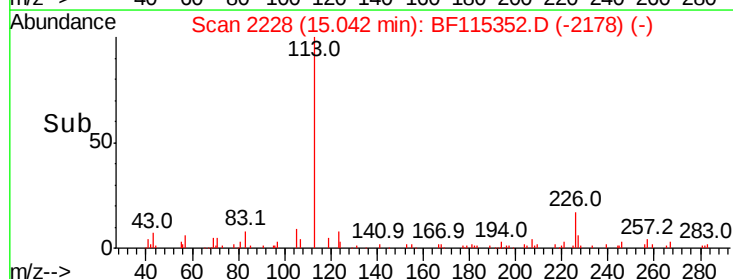
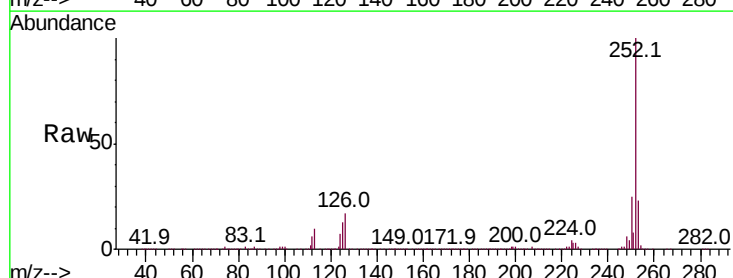
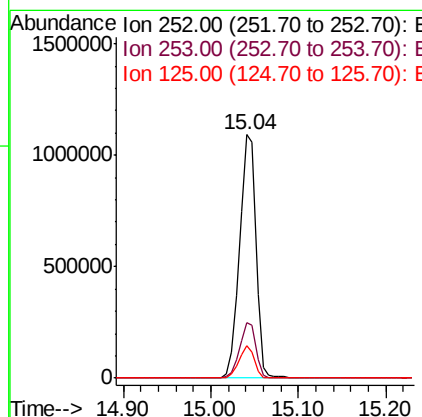
Manual Integrations
APPROVED

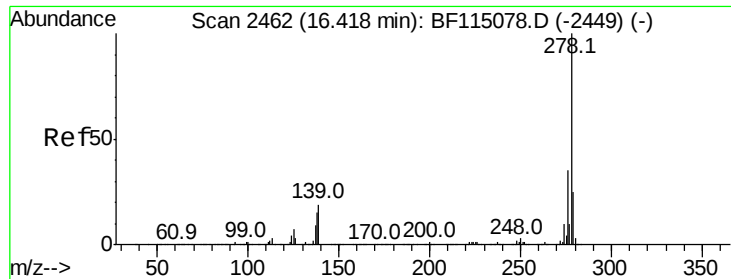
mohammad
7/3/2019 10:51:31 PM



#90
Benzo(a)pyrene
Concen: 41.761 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF115352.D
Acq: 2 Jul 2019 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.2	9.9	14.9





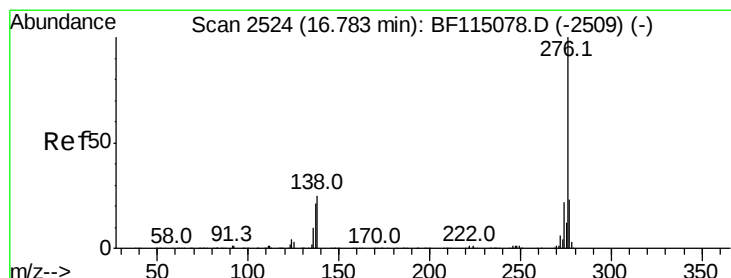
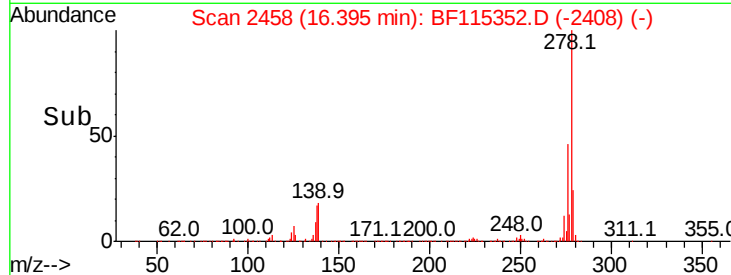
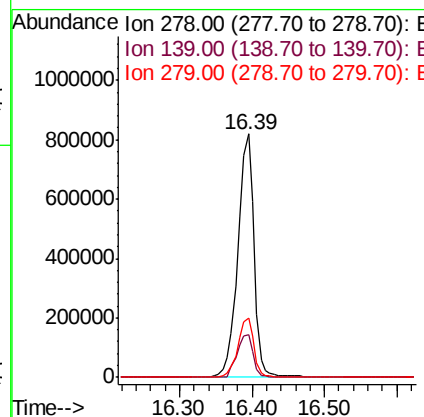
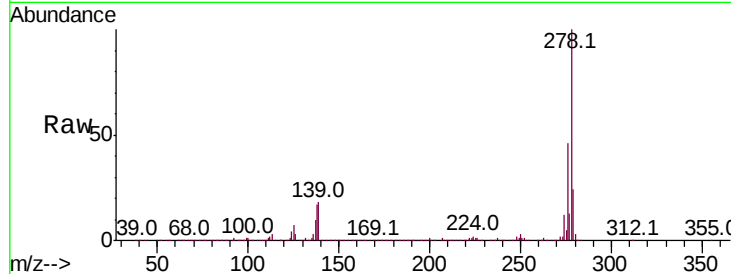
#91
 Dibenzo(a,h)anthracene
 Concen: 41.836 ng
 RT: 16.39 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Instrument :
 BNA_F
 ClientSampleID :
 PB121059BSD

Tot Ion:278 Resp: 1281529
 Ion Ratio Lower Upper
 278 100
 139 17.6 14.2 21.2
 279 24.2 19.5 29.3

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:31 PM



#92
 Benzo(g,h,i)perylene
 Concen: 41.892 ng
 RT: 16.76 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BF115352.D
 Acq: 2 Jul 2019 9:49

Tgt Ion:276 Resp: 1298779
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.7 28.1
 138 24.7 19.0 28.6

