

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
 Data File : BF115335.D
 Acq On : 1 Jul 2019 13:32
 Operator : HP/JU
 Sample : PB120926BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Manual Integrations
 APPROVED

mohammad
 7/2/2019 2:53:30 PM

Quant Time: Jul 02 08:45:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	240715	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	912827	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	441281	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	865059	20.00	ng	0.01
76) Chrysene-d12	13.73	240	571998	20.00	ng	0.01
87) Perylene-d12	15.09	264	719787	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1809923	116.03	ng	0.02
7) Phenol-d6	6.25	99	2229994	117.78	ng	0.02
23) Nitrobenzene-d5	7.17	82	1381841	93.12	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	637300	136.95	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2490031	95.85	ng	0.00
79) Terphenyl-d14	12.69	244	2676155	99.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	255157	34.660	ng	99
3) Pyridine	2.91	79	720445	34.721	ng	98
4) n-Nitrosodimethylamine	2.86	42	310367	38.156	ng	95
6) Aniline	6.27	93	637654	24.505	ng	# 1
8) 2-Chlorophenol	6.39	128	740886	42.240	ng	98
9) Benzaldehyde	6.14	77	124863	10.109	ng	98
10) Phenol	6.27	94	837247	37.752	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	663151	40.565	ng	99
12) 1,3-Dichlorobenzene	6.54	146	793445	40.760	ng	98
13) 1,4-Dichlorobenzene	6.62	146	810431	41.518	ng	98
14) 1,2-Dichlorobenzene	6.78	146	749622	41.469	ng	98
15) Benzyl Alcohol	6.75	79	548873	39.812	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	938951	39.600	ng	96
17) 2-Methylphenol	6.87	107	637568	44.037	ng	98
18) Hexachloroethane	7.12	117	285527	40.573	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	464417	38.314	ng	99
20) 3+4-Methylphenols	7.02	107	716093	42.835	ng	# 87
22) Acetophenone	7.02	105	978052	46.802	ng	# 97
24) Nitrobenzene	7.19	77	742870	45.441	ng	97
25) Isophorone	7.43	82	1336814	43.977	ng	99
26) 2-Nitrophenol	7.51	139	415956	51.523	ng	95
27) 2,4-Dimethylphenol	7.55	122	656937	49.699	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	832069	43.307	ng	99
29) 2,4-Dichlorophenol	7.75	162	640821	46.977	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	693839	46.048	ng	99
31) Naphthalene	7.91	128	2072541	46.253	ng	100
32) Benzoic acid	7.70	122	483962	51.292	ng	99
33) 4-Chloroaniline	7.95	127	375405	18.332	ng	99
34) Hexachlorobutadiene	8.04	225	369721	44.776	ng	100
35) Caprolactam	8.34	113	216037m	47.105	ng	
36) 4-Chloro-3-methylphenol	8.45	107	645035	46.692	ng	98
37) 2-Methylnaphthalene	8.60	142	1394464	46.156	ng	98
38) 1-Methylnaphthalene	8.70	142	1325268	45.929	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	611909	49.071	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	615455	83.235	nq	100
43) 2,4,6-Trichlorophenol	8.88	196	459435	47.723	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	494378	49.866	nq	97
46) 1,1'-Biphenyl	9.07	154	1608279	45.549	nq	98
47) 2-Chloronaphthalene	9.08	162	1308397	45.683	nq	97
48) 2-Nitroaniline	9.18	65	390477	46.764	nq	97
49) Acenaphthylene	9.50	152	2032039	45.538	nq	99
50) Dimethylphthalate	9.37	163	1490724	45.916	nq	100
51) 2,6-Dinitrotoluene	9.42	165	356287	47.534	nq	96
52) Acenaphthene	9.67	154	1179209	42.231	nq	99
53) 3-Nitroaniline	9.58	138	238392	26.063	nq	97
54) 2,4-Dinitrophenol	9.70	184	396866	100.796	nq	95
55) Dibenzofuran	9.84	168	1752297	43.723	nq	100
56) 4-Nitrophenol	9.77	139	657427	89.653	nq	93
57) 2,4-Dinitrotoluene	9.83	165	472329	48.804	nq	97
58) Fluorene	10.18	166	1246720	47.019	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	414323	49.839	nq	98
60) Diethylphthalate	10.07	149	1447972	44.369	nq	100
61) 4-Chlorophenyl-phenylether	10.18	204	602986	48.008	nq	100
62) 4-Nitroaniline	10.20	138	403938	44.021	nq	98
63) Azobenzene	10.34	77	1332504	43.714	nq	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	237990	51.322	nq	90
66) n-Nitrosodiphenylamine	10.30	169	1241135	46.052	nq	99
67) 4-Bromophenyl-phenylether	10.66	248	425011	45.315	nq	99
68) Hexachlorobenzene	10.73	284	467013	45.874	nq	100
69) Atrazine	10.82	200	408310	47.097	nq	98
70) Pentachlorophenol	10.92	266	571331	88.092	nq	97
71) Phenanthrene	11.14	178	2037878	43.754	nq	99
72) Anthracene	11.18	178	2106063	44.795	nq	99
73) Carbazole	11.34	167	1947973	46.399	nq	100
74) Di-n-butylphthalate	11.68	149	2152213	44.363	nq	99
75) Fluoranthene	12.31	202	2117256	45.561	nq	99
77) Benzidine	12.43	184	671704	26.446	nq	99
78) Pyrene	12.54	202	2167197	49.301	nq	99
80) Butylbenzylphthalate	13.17	149	981695	50.605	nq	98
81) Benzo(a)anthracene	13.72	228	1963885	47.850	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	563975	38.052	nq	99
83) Chrysene	13.76	228	1906990	50.723	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1195188	47.019	nq	# 98
85) Di-n-octyl phthalate	14.34	149	2159520	50.564	nq	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2380682	53.514	nq	98
88) Benzo(b)fluoranthene	14.72	252	2095235	46.651	nq	99
89) Benzo(k)fluoranthene	14.75	252	1971206	48.941	nq	99
90) Benzo(a)pyrene	15.05	252	2016923	49.825	nq	99
91) Dibenzo(a,h)anthracene	16.40	278	1925770	50.958	nq	99
92) Benzo(g,h,i)perylene	16.77	276	2026971	52.994	nq	99

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

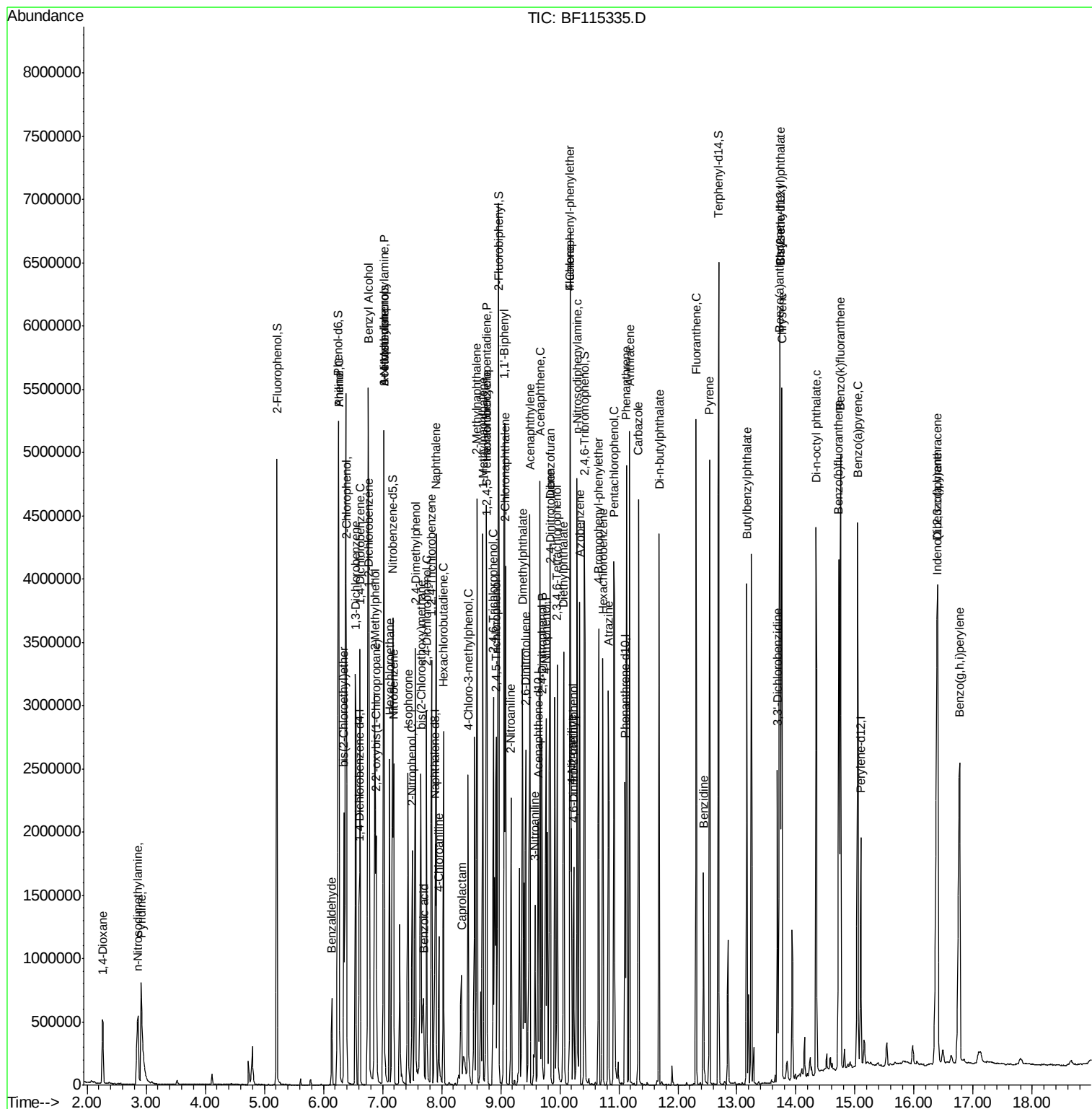
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
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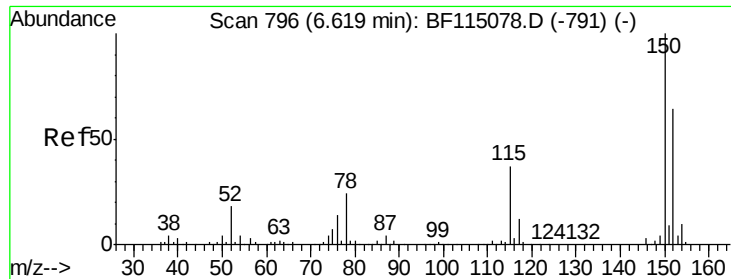
Instrument :
BNA_F
ClientSampleId :
PB120926BS

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#1

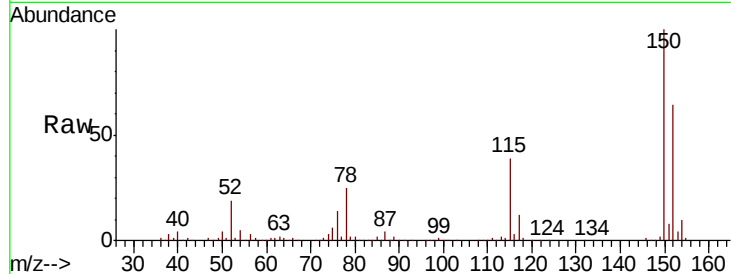
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	59.8	46.1	69.1

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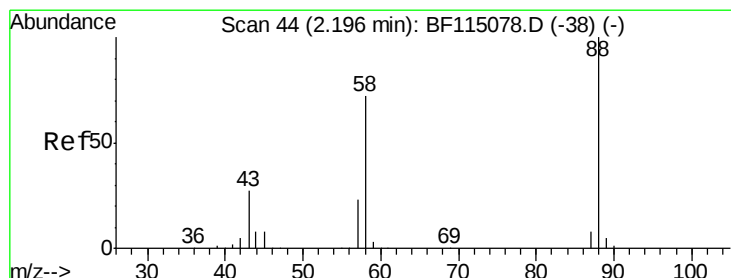
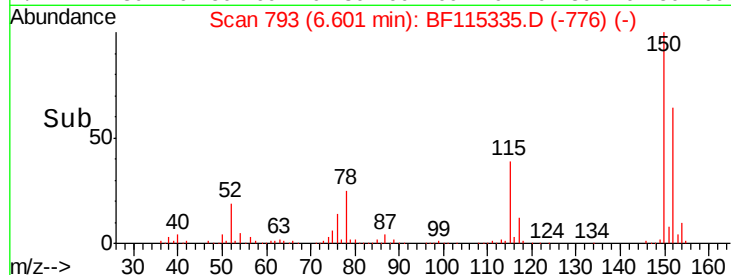
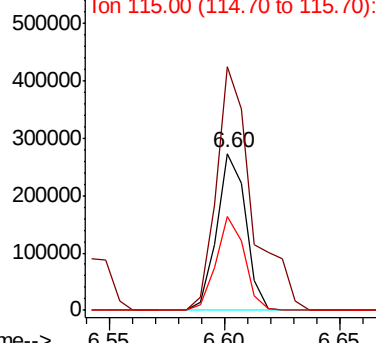


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

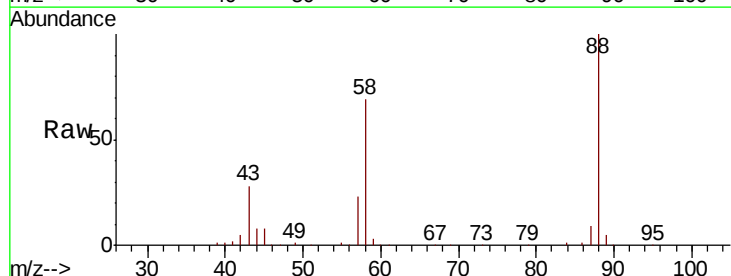
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.660 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.11 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	56.1	84.1
43	26.1	21.3	31.9

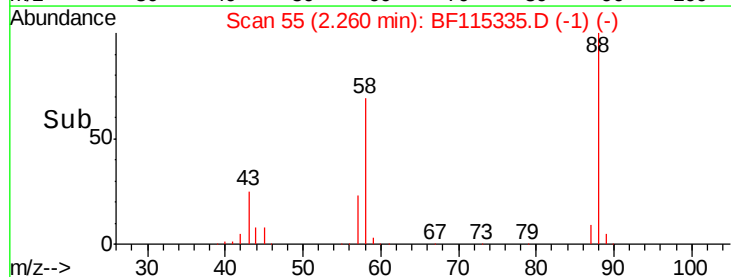
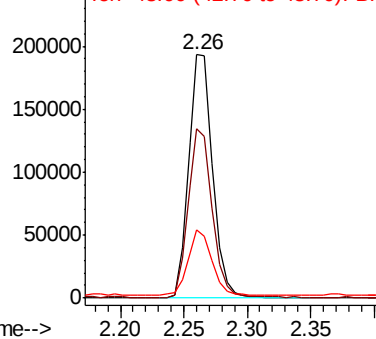


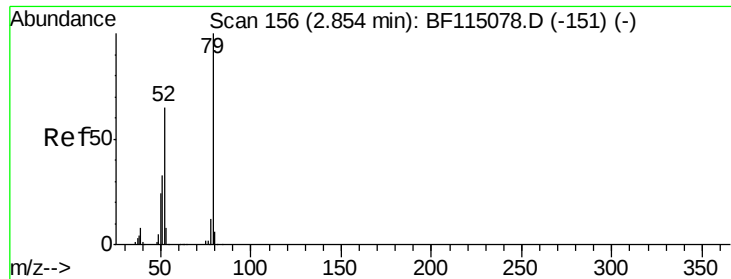
Abundance

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





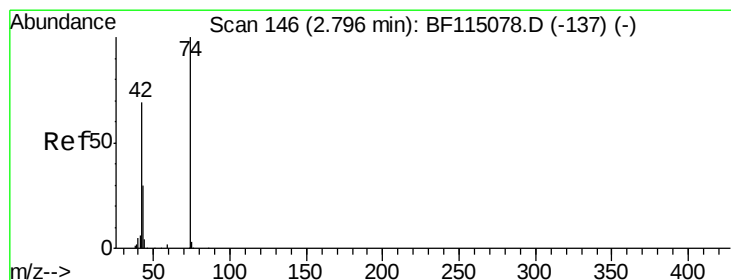
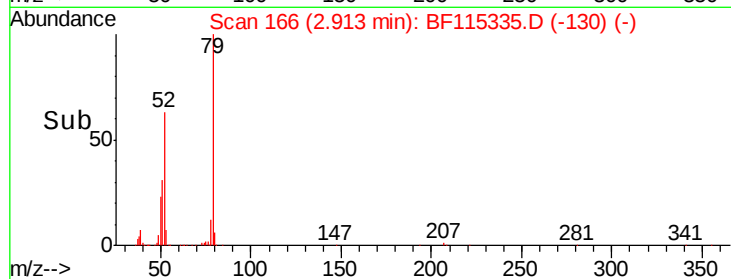
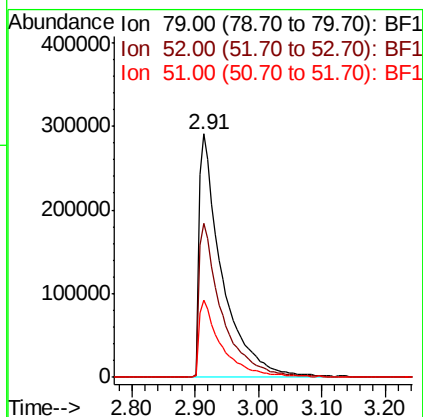
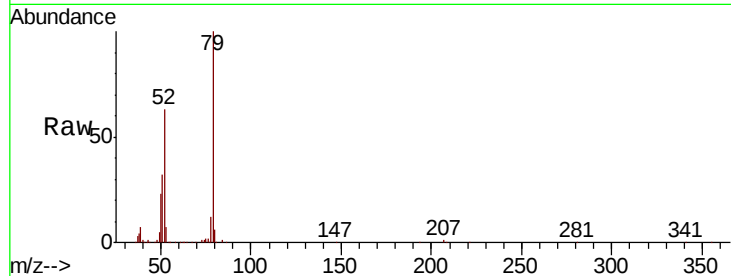
#3
 Pvridine
 Concen: 34.721 ng
 RT: 2.91 min Scan# 166
 Delta R.T. 0.11 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
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 ClientSampleId :
 PB120926BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	52.3	78.5
51	31.7	26.1	39.1

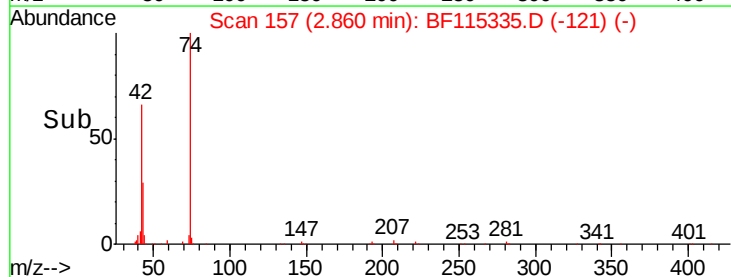
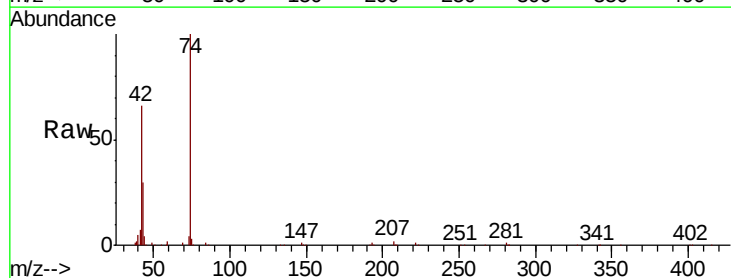
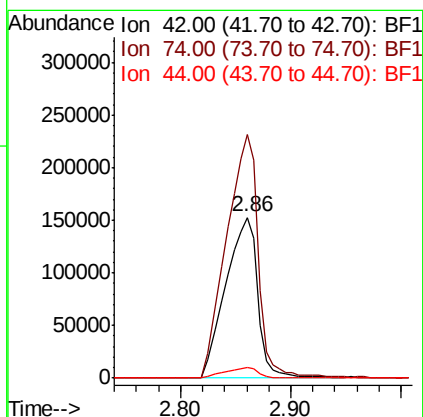
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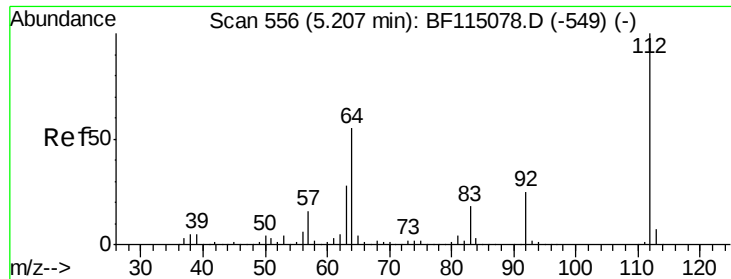
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#4
 n-Nitrosodimethylamine
 Concen: 38.156 ng
 RT: 2.86 min Scan# 157
 Delta R.T. 0.11 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.7	116.6	175.0
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 116.030 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

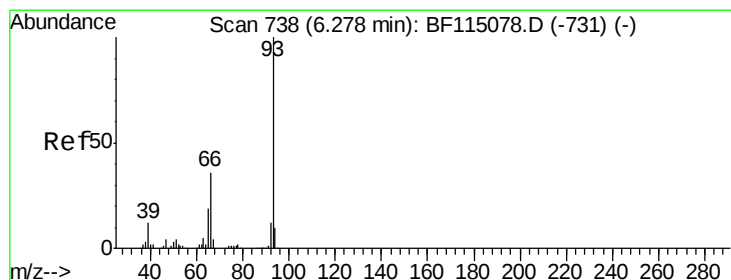
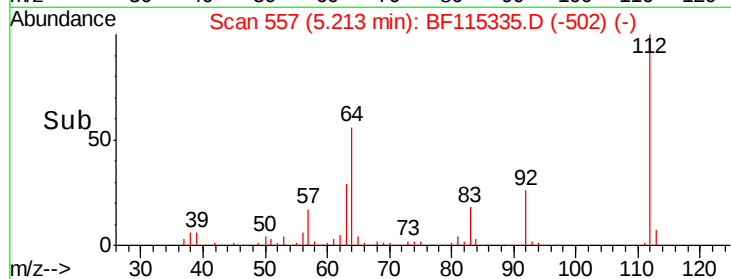
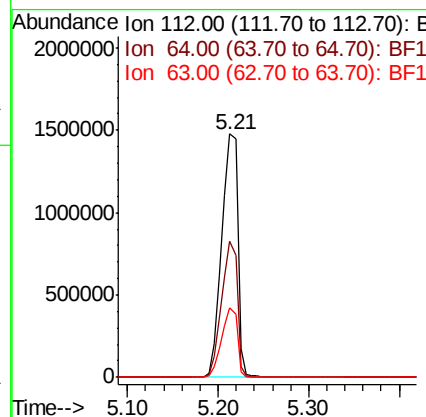
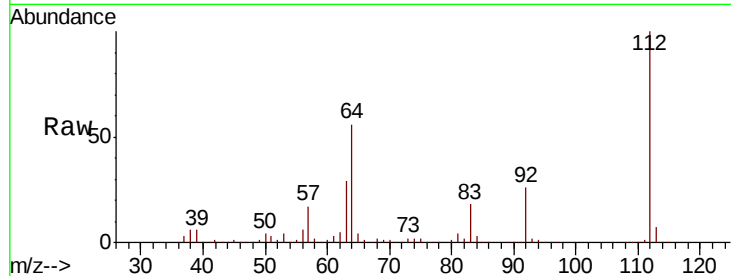
ClientSampleId :

PB120926BS

Tot Ion:	112	Resp:	1809923
Ion	Ratio	Lower	Upper
112	100		
64	55.8	43.8	65.6
63	28.6	22.2	33.4

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#6

Aniline

Concen: 24.505 ng

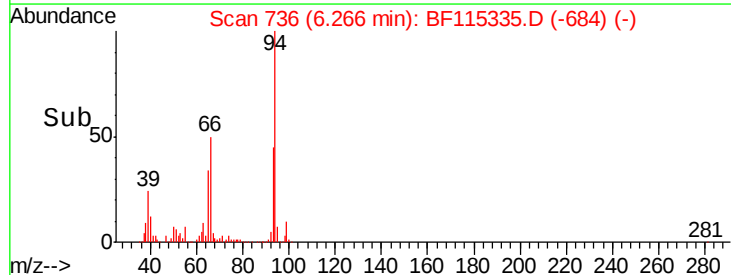
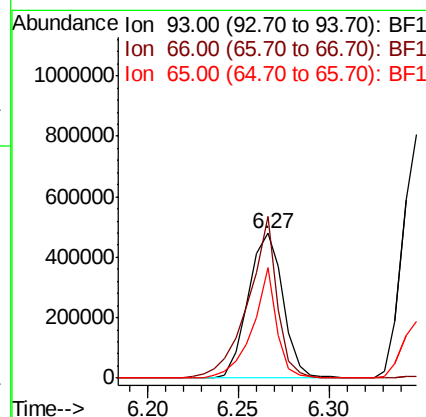
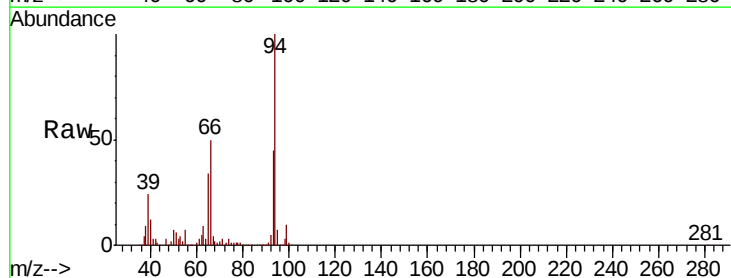
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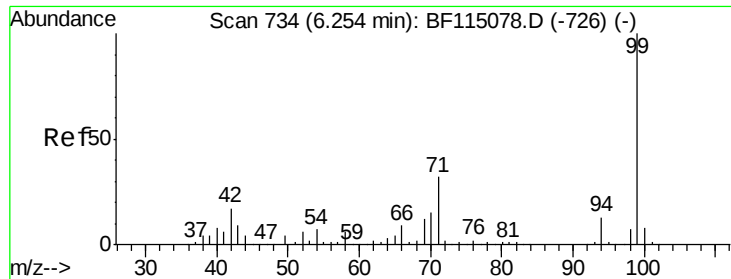
Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Tgt Ion:	93	Resp:	637654
Ion	Ratio	Lower	Upper
93	100		
66	111.5	30.0	45.0#
65	76.3	15.6	23.4#





#7

Phenol-d6

Concen: 117.783 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

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PB120926BS

Tot Ion: 99 Resp: 2229994

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

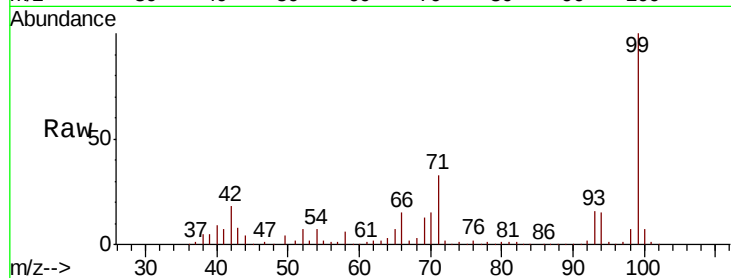
71 33.4 25.5 38.3

Manual Integrations

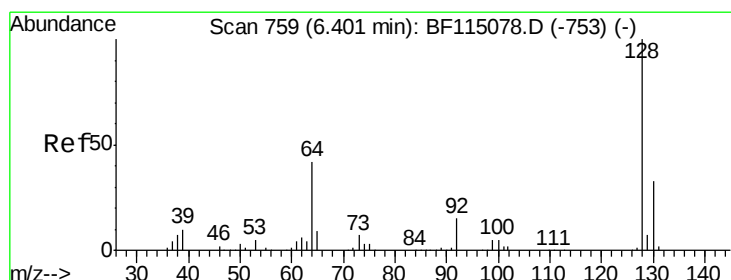
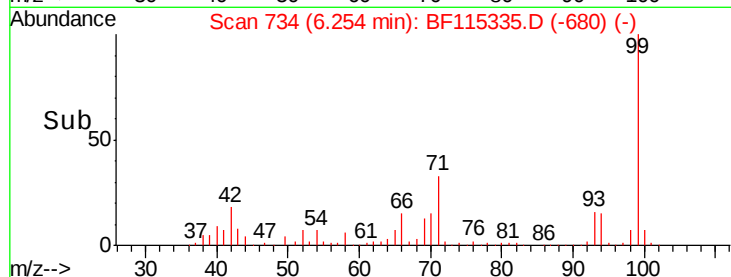
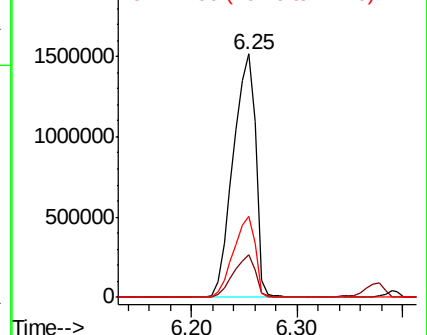
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.240 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

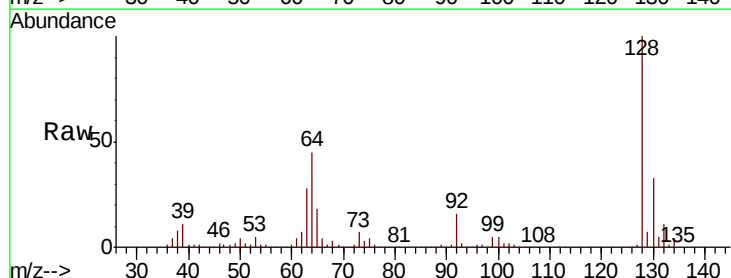
Tgt Ion:128 Resp: 740886

Ion Ratio Lower Upper

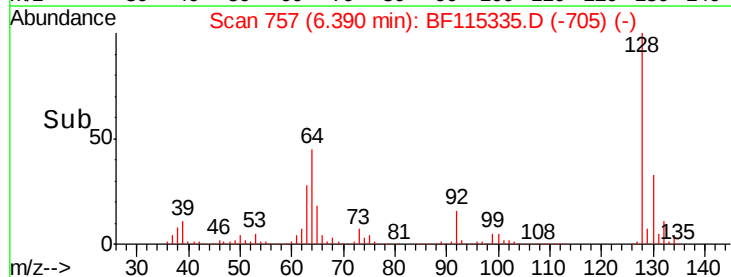
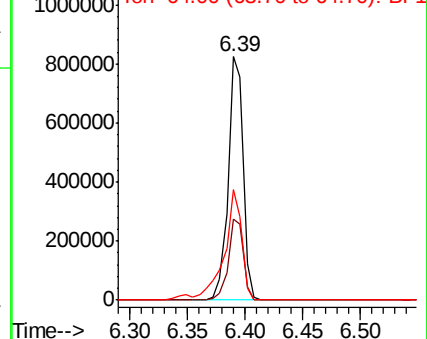
128 100

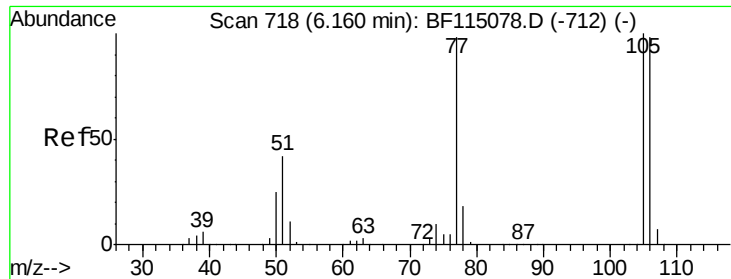
130 33.2 12.9 52.9

64 45.2 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.109 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

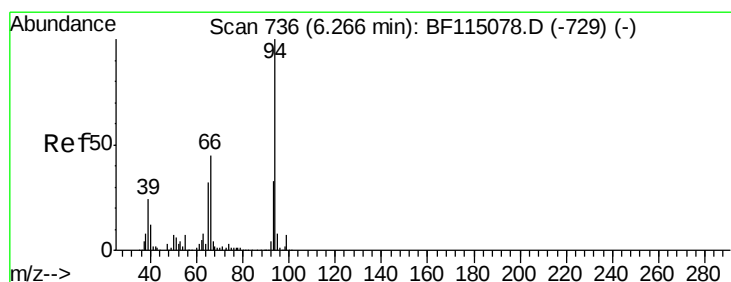
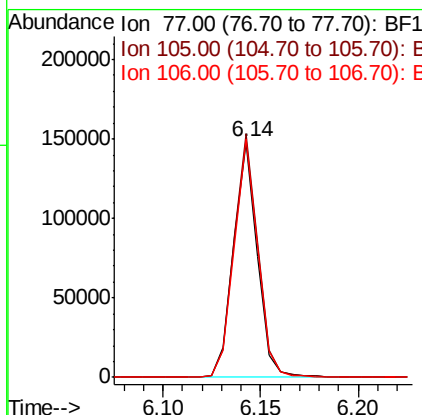
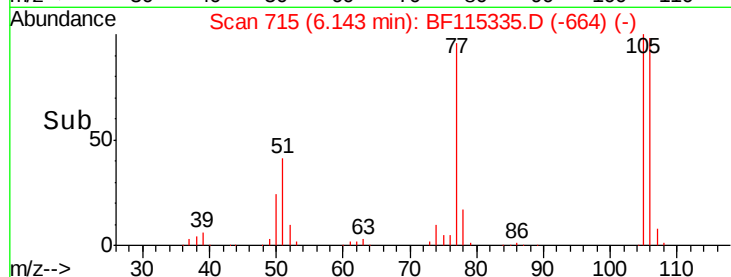
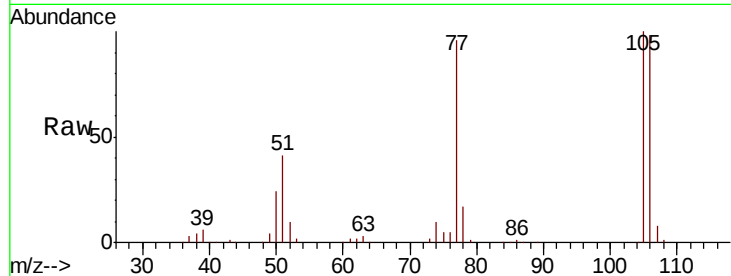
ClientSampleId :

PB120926BS

Tot Ion:	77	Resp:	124863
Ion	Ratio	Lower	Upper
77	100		
105	103.8	81.5	121.5
106	101.9	79.7	119.7

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#10

Phenol

Concen: 37.752 ng

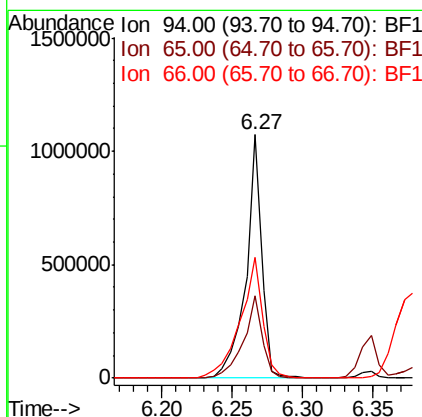
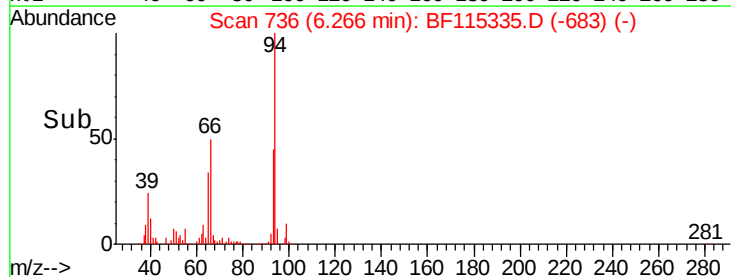
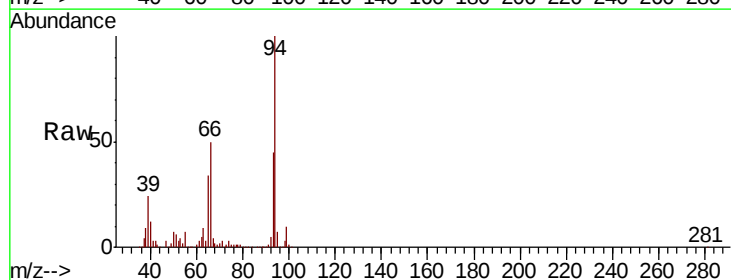
RT: 6.27 min Scan# 736

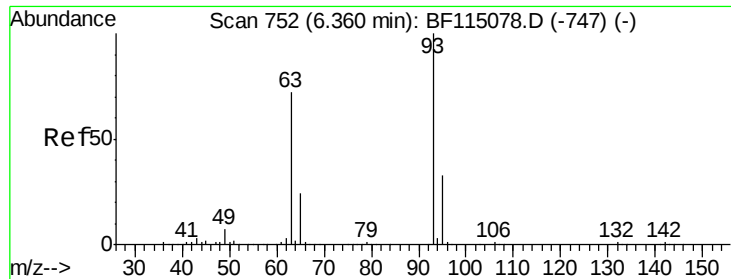
Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Tgt Ion:	94	Resp:	837247
Ion	Ratio	Lower	Upper
94	100		
65	34.1	11.9	51.9
66	49.8	25.2	65.2





#11

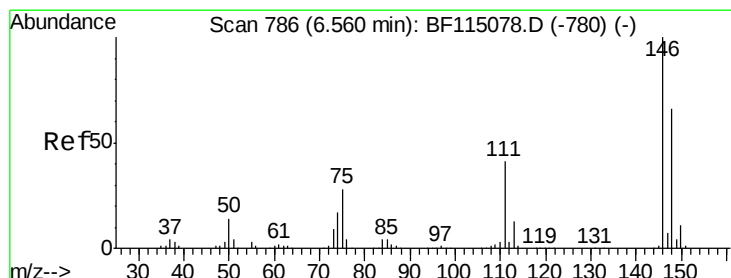
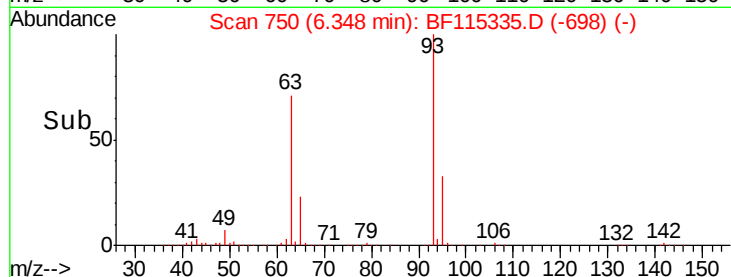
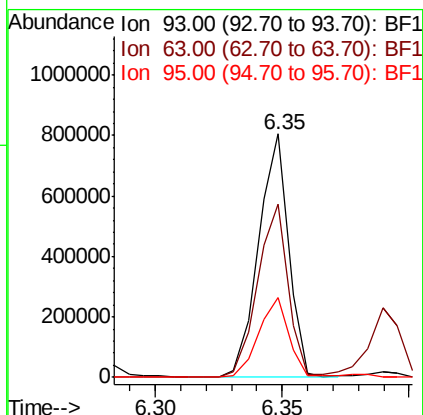
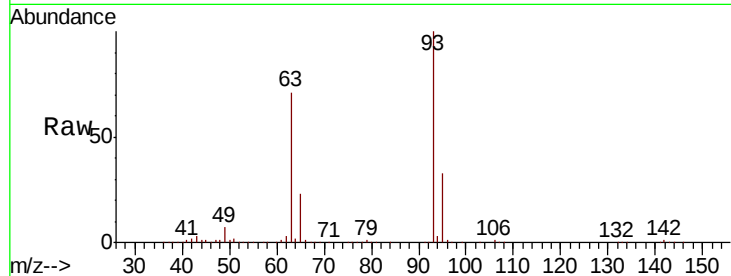
bis(2-Chloroethyl)ether
Concen: 40.565 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	93	Resp	663151
Ion Ratio	Lower	Upper	
93	100		
63	71.3	51.5	91.5
95	32.8	13.4	53.4

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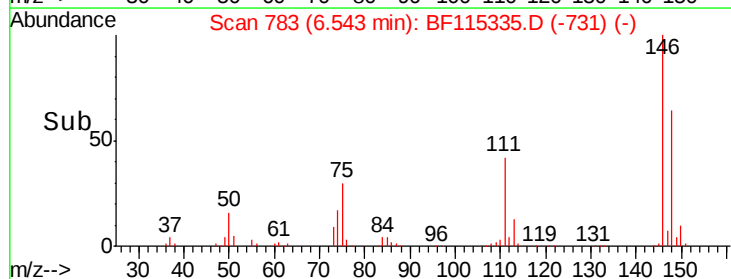
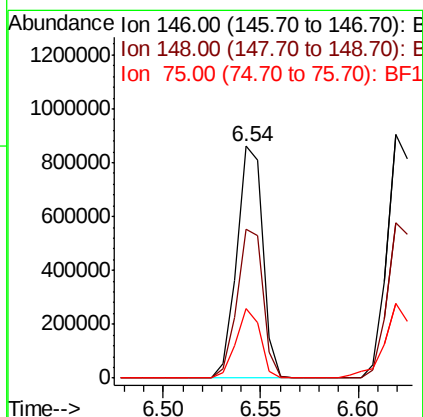
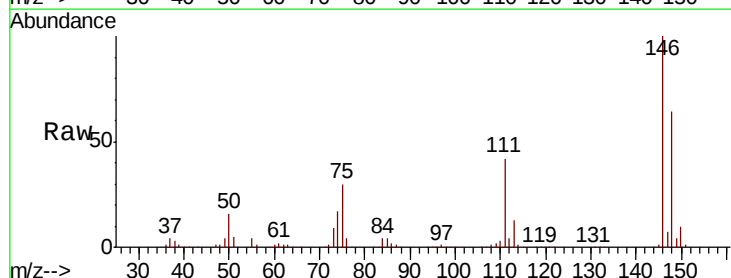
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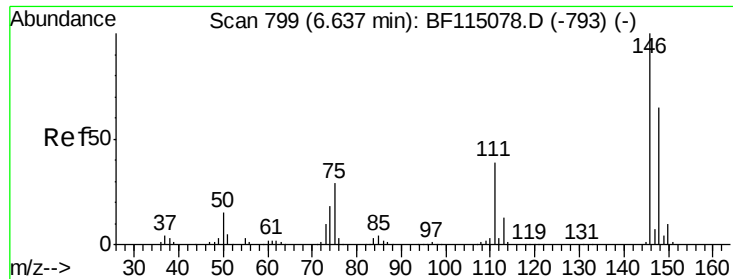


#12

1,3-Dichlorobenzene
Concen: 40.760 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	146	Resp	793445
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.6	78.8
75	30.1	22.6	34.0





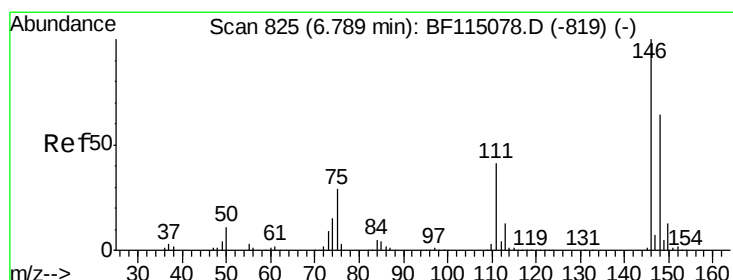
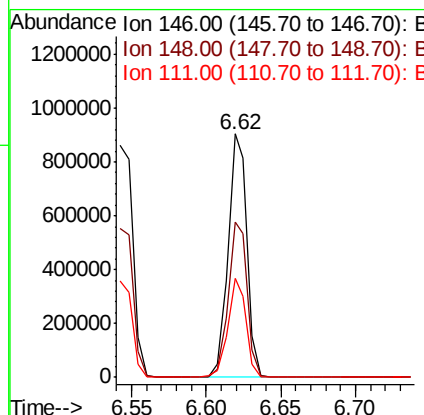
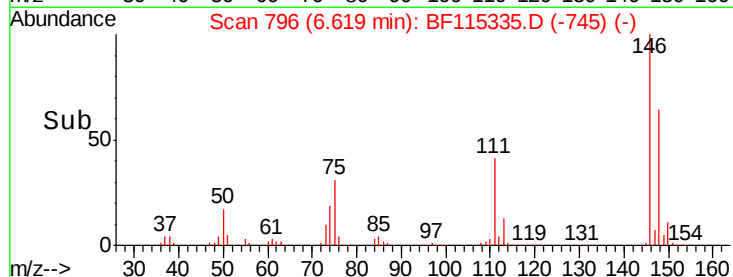
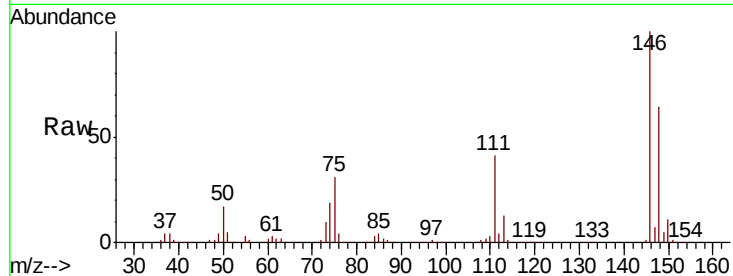
#13
1,4-Dichlorobenzene
Concen: 41.518 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	40.6	31.4	47.0

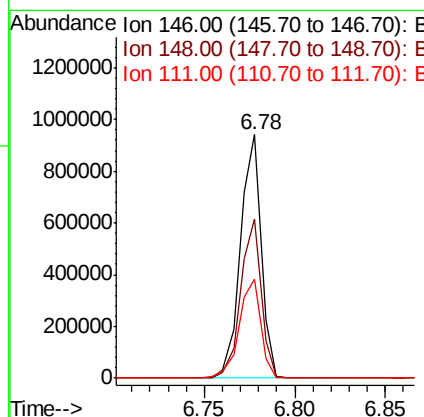
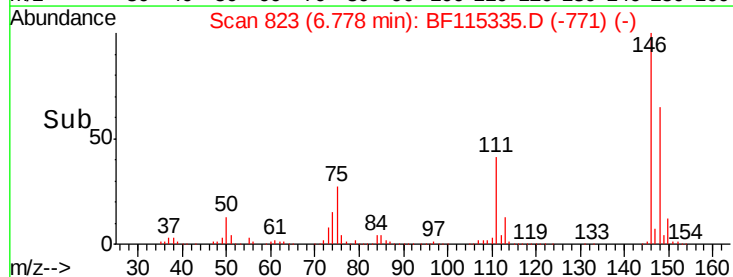
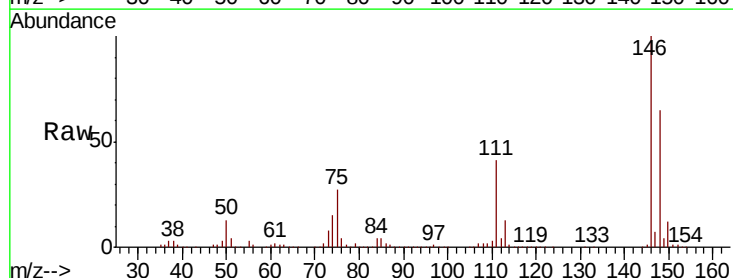
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#14
1,2-Dichlorobenzene
Concen: 41.469 ng
RT: 6.78 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	40.6	33.2	49.8





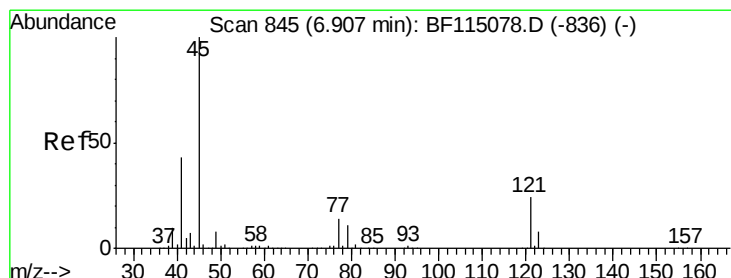
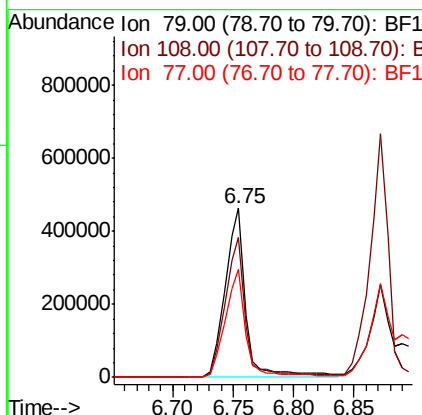
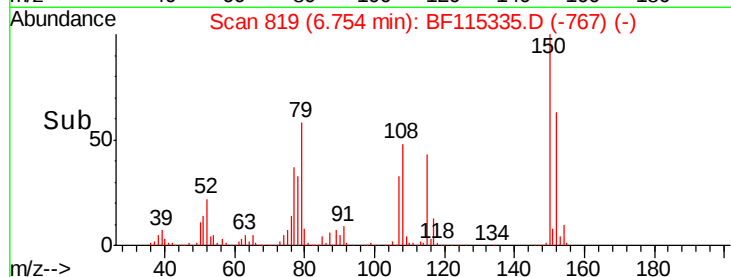
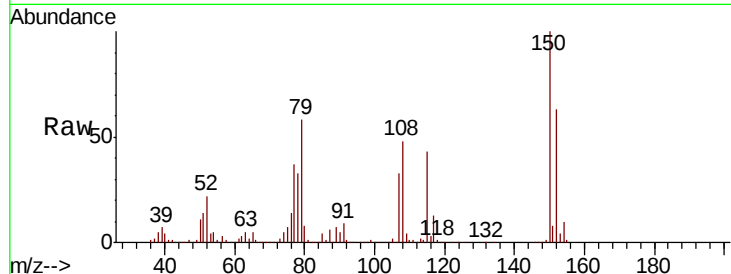
#15
Benzyl Alcohol
Concen: 39.812 ng
RT: 6.75 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	68.7	103.1
77	64.0	51.7	77.5

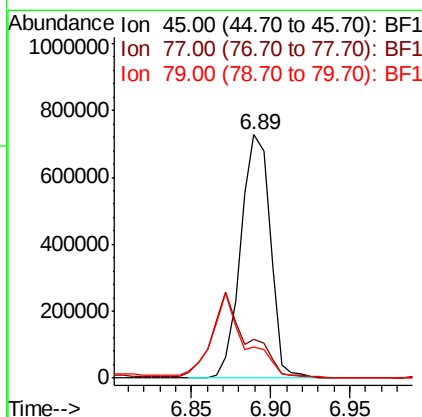
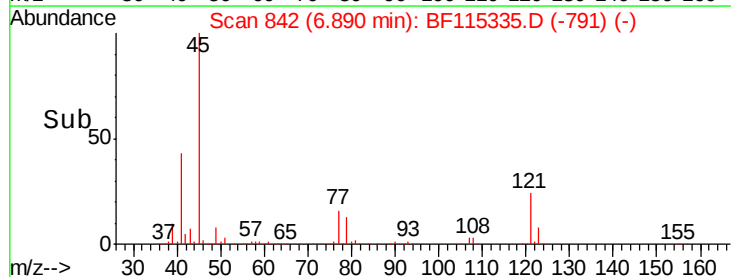
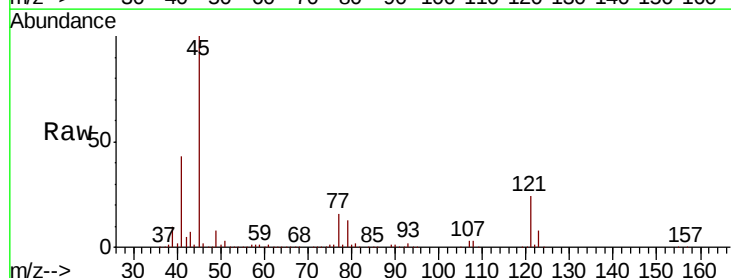
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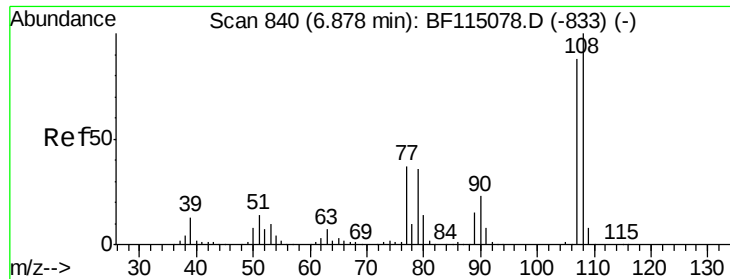
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.600 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.6
79	12.8	0.0	31.2





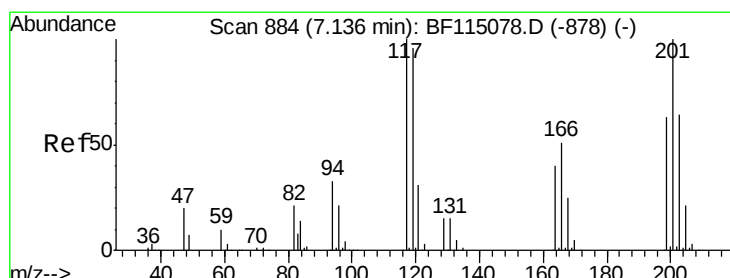
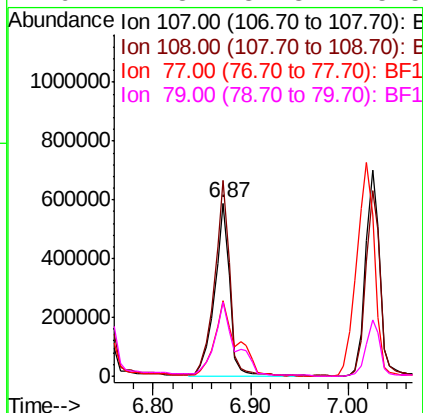
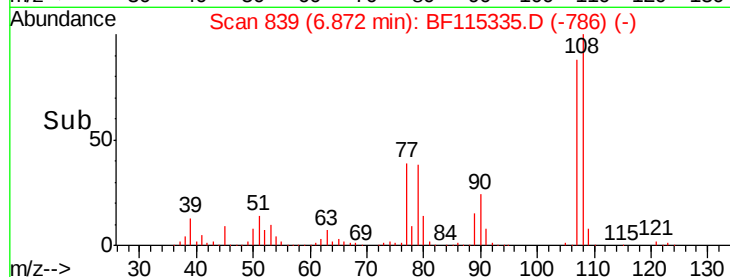
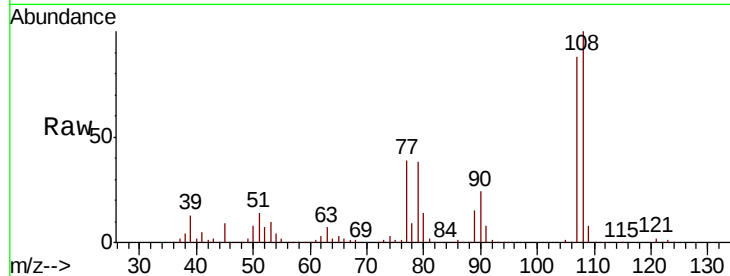
#17
2-Methylphenol
Concen: 44.037 ng
RT: 6.87 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	90.9	136.3	
77	43.6	33.4	50.2	
79	42.8	32.3	48.5	

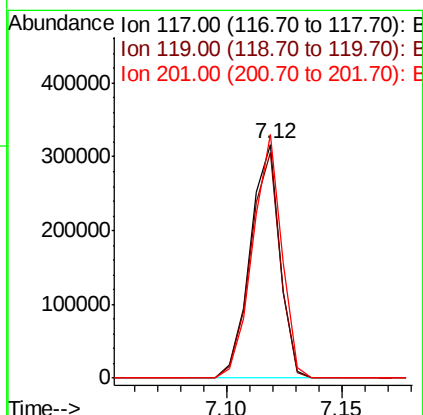
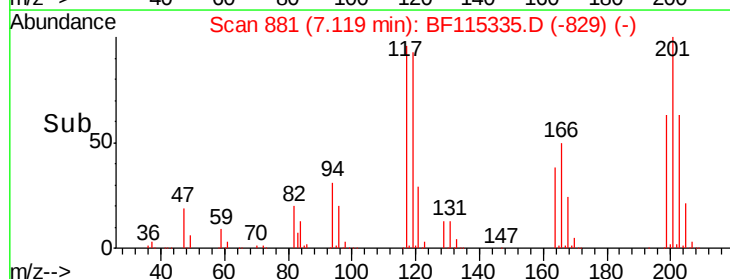
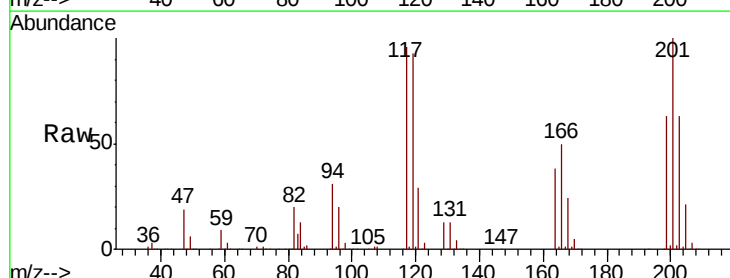
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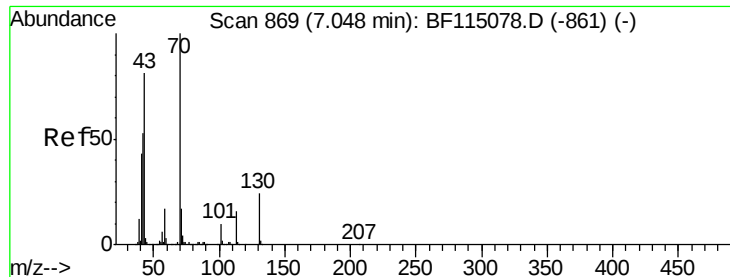
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#18
Hexachloroethane
Concen: 40.573 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.6	114.8	
201	104.1	80.2	120.2	





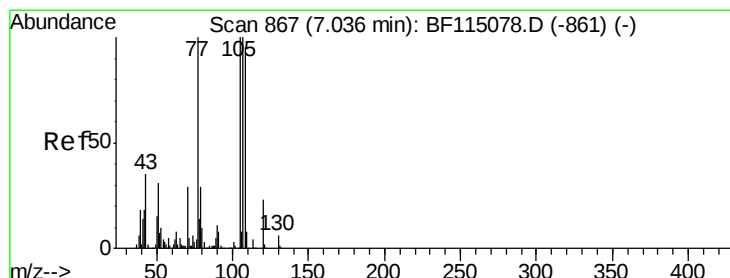
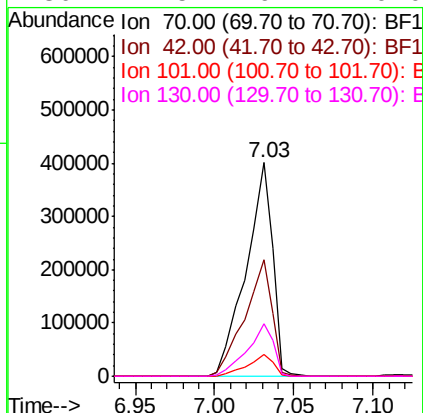
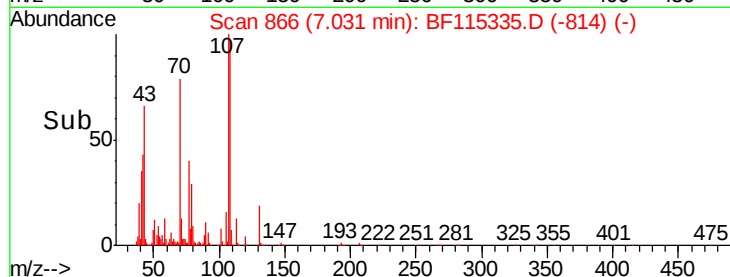
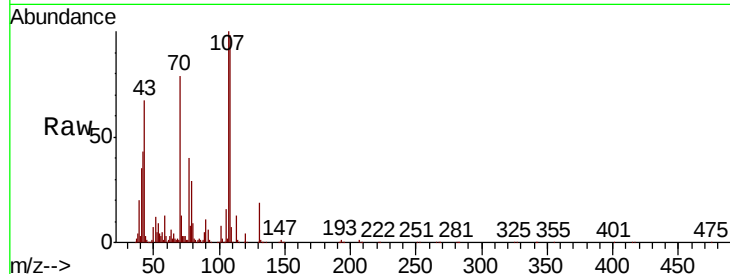
#19
n-Nitroso-di-n-propylamine
Concen: 38.314 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	42.6	63.8	
101	10.0	8.0	12.0	
130	24.5	19.4	29.0	

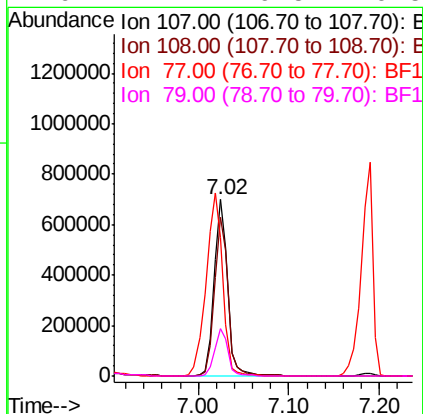
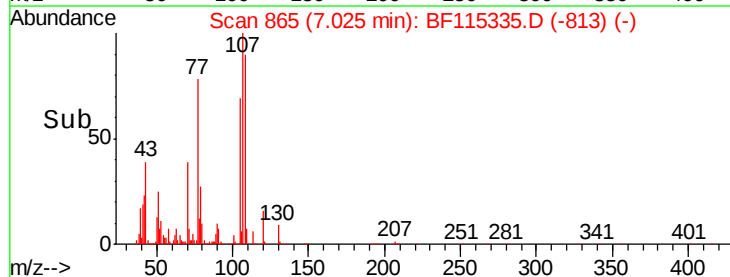
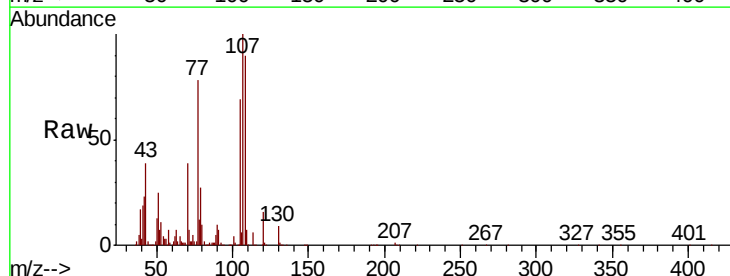
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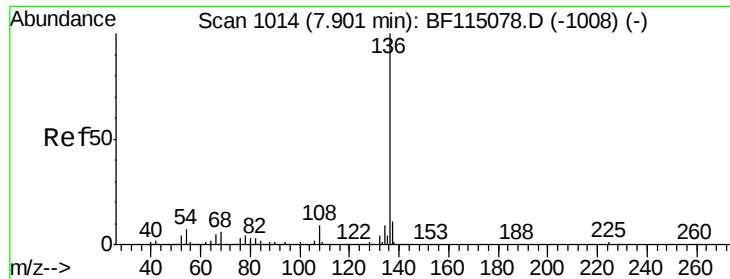
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#20
3+4-Methylphenols
Concen: 42.835 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	75.5	115.5	
77	78.4	80.2	120.2	
79	27.2	9.5	49.5	





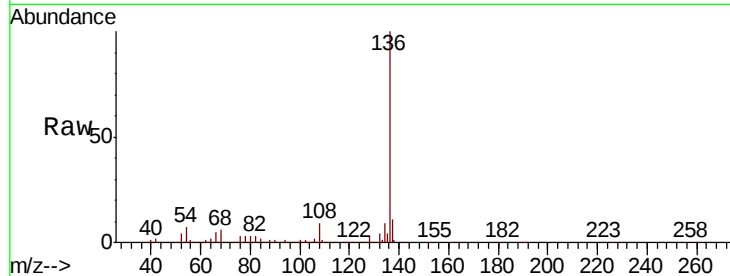
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

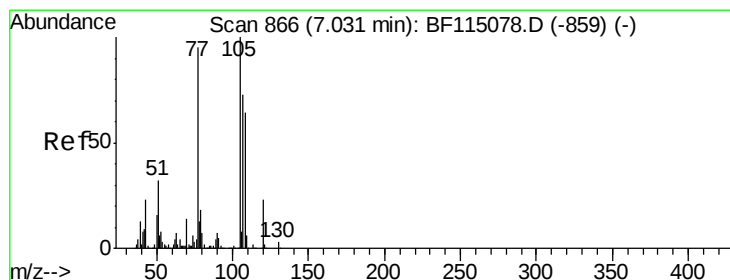
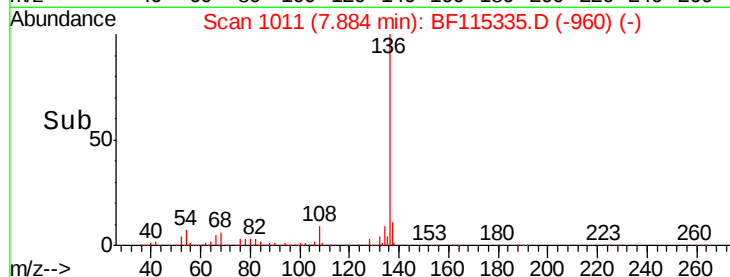
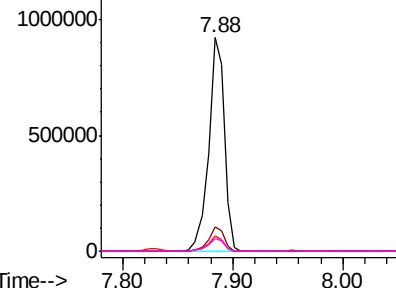
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.3	5.6	8.4	
68	6.2	4.8	7.2	

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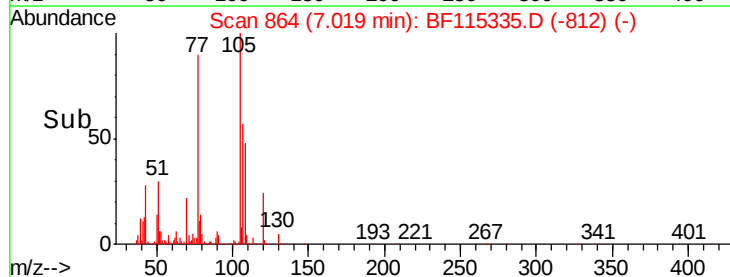
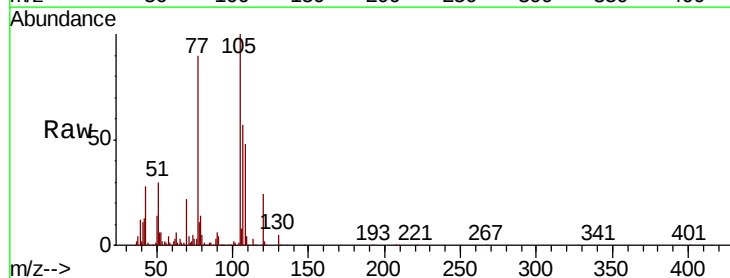
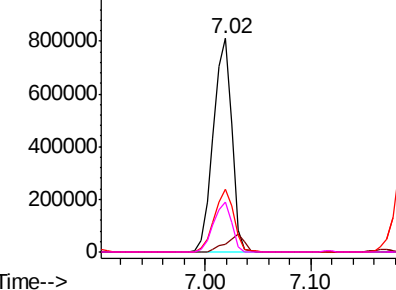
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

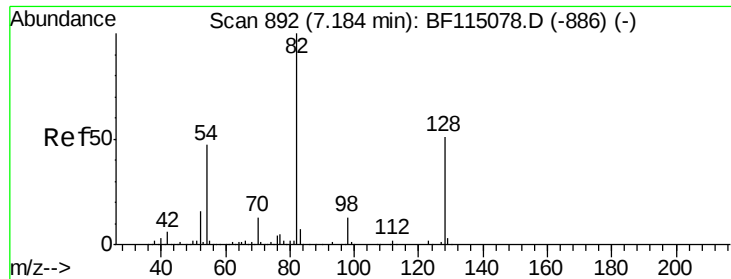


#22
Acetophenone
Concen: 46.802 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	1.9	2.9#	
51	29.5	25.8	38.8	
120	23.6	18.5	27.7	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.122 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

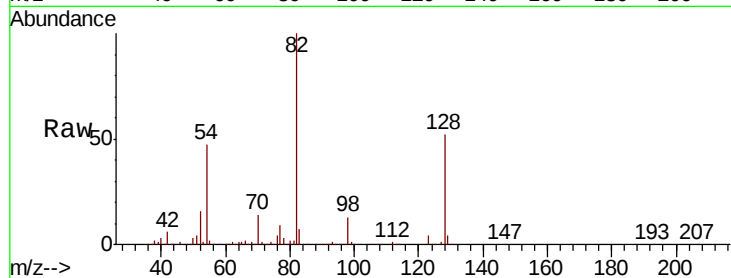
ClientSampleId :

PB120926BS

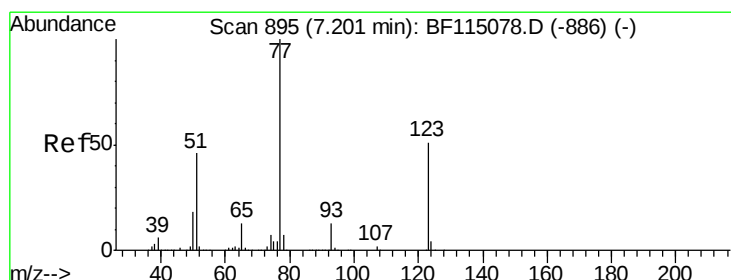
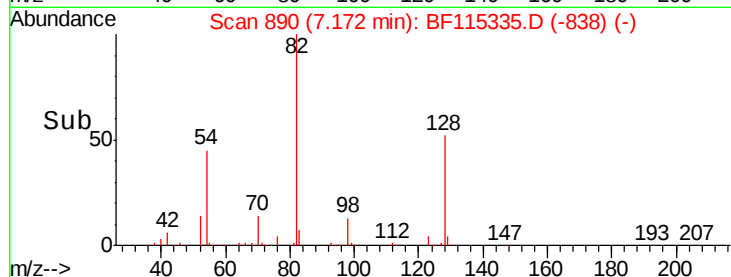
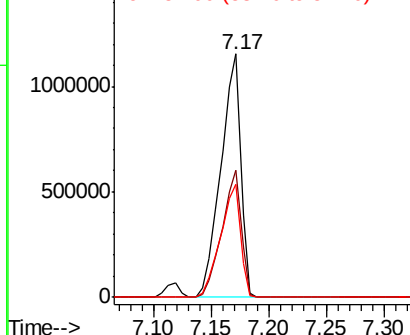
Tot Ion:	82	Resp:	1381841
Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.4	60.6
54	46.7	37.5	56.3

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.441 ng

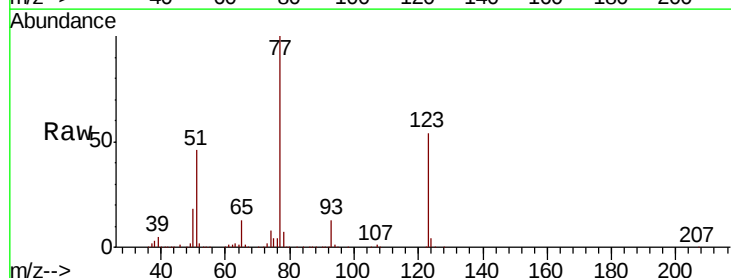
RT: 7.19 min Scan# 893

Delta R.T. 0.01 min

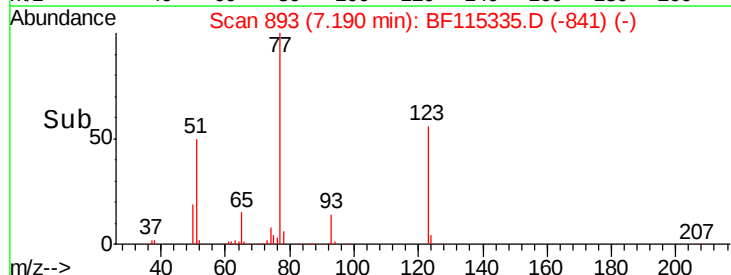
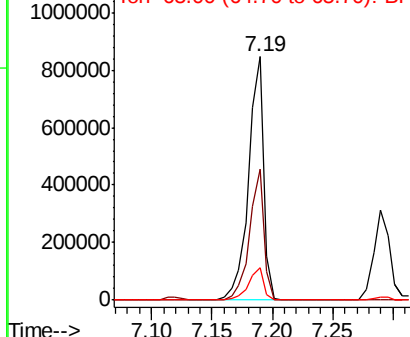
Lab File: BF115335.D

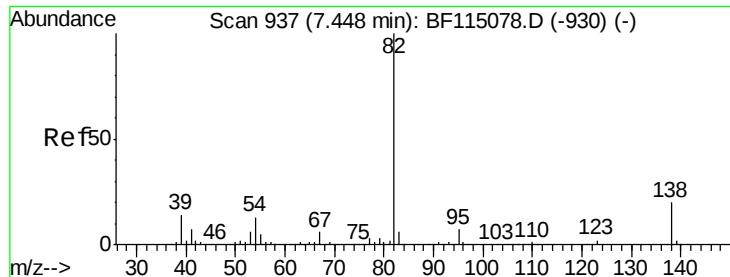
Acq: 1 Jul 2019 13:32

Tgt Ion:	77	Resp:	742870
Ion	Ratio	Lower	Upper
77	100		
123	54.0	41.0	61.6
65	13.2	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.977 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion: 82 Resp: 1336814

Ion Ratio Lower Upper

82 100

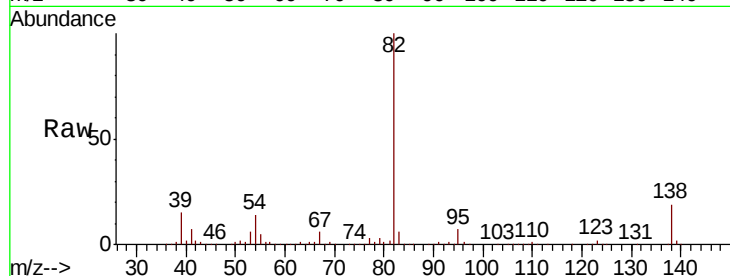
95 6.9 5.4 8.2

138 19.1 15.9 23.9

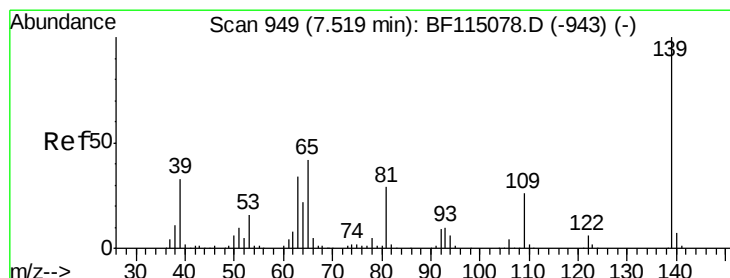
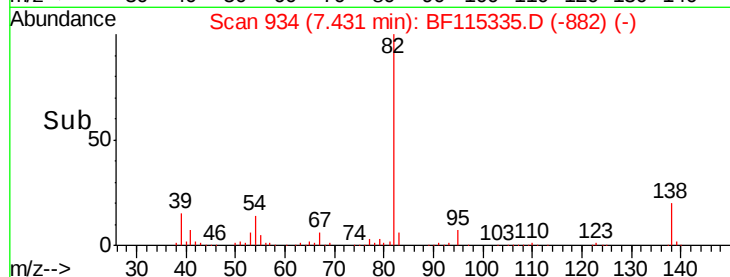
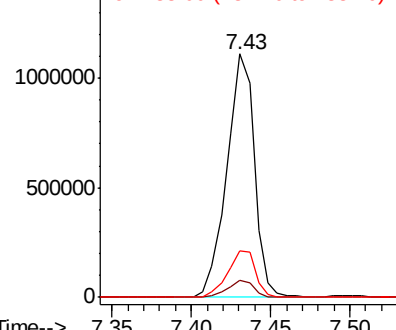
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Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.523 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

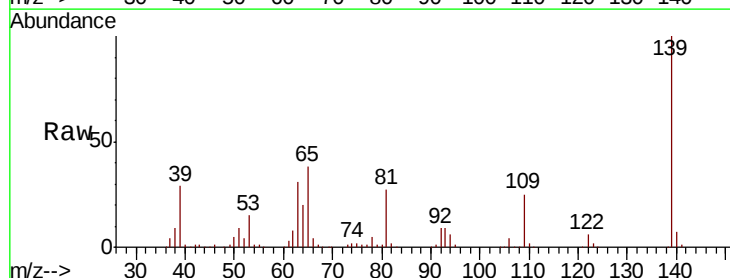
Tgt Ion: 139 Resp: 415956

Ion Ratio Lower Upper

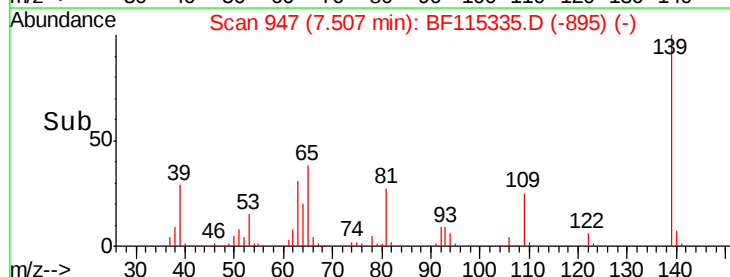
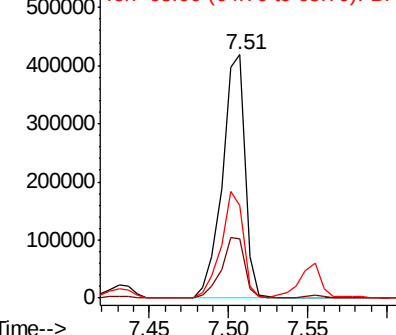
139 100

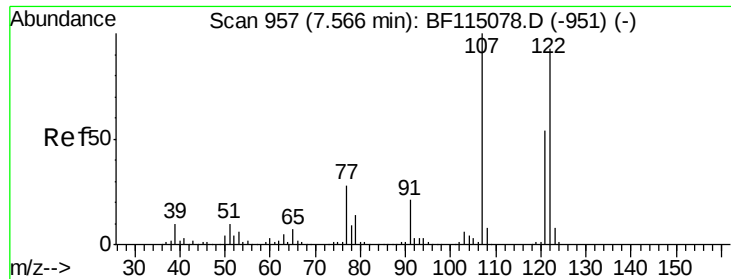
109 24.5 20.4 30.6

65 38.0 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): E
500000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





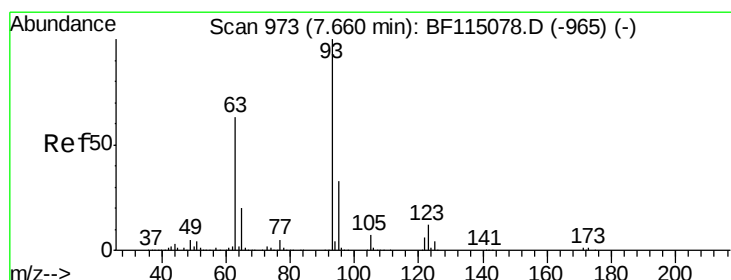
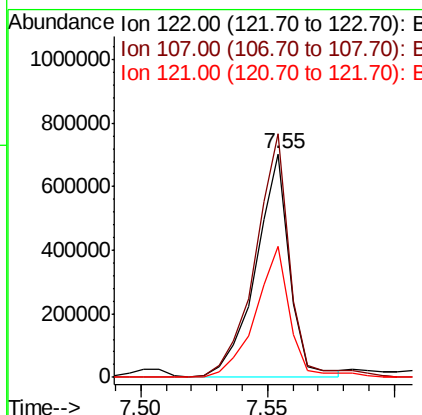
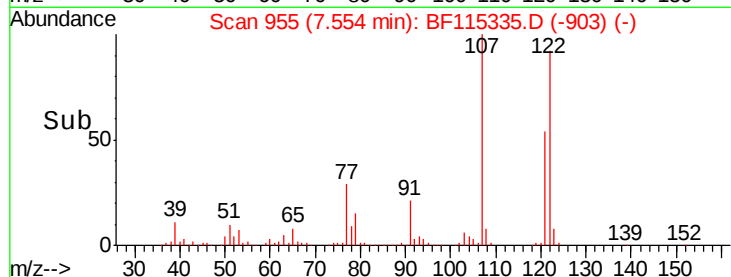
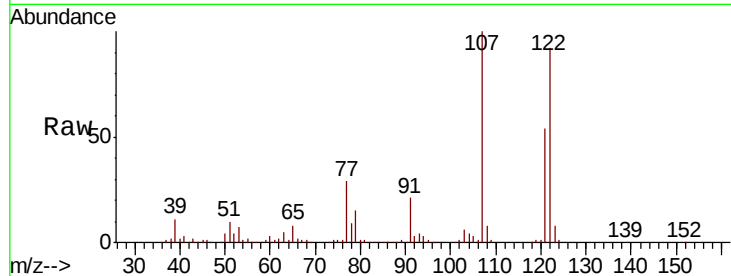
#27
2,4-Dimethylphenol
Concen: 49.699 ng
RT: 7.55 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	85.8	128.6
121	58.7	46.3	69.5

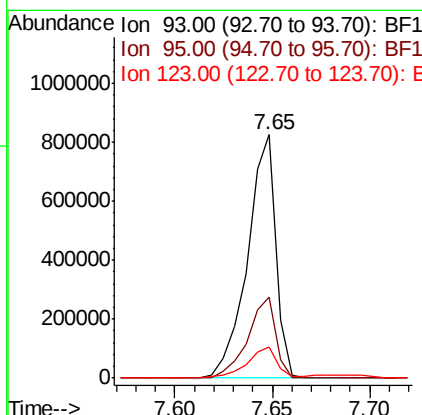
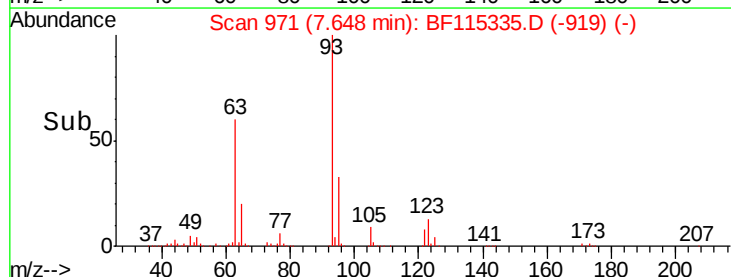
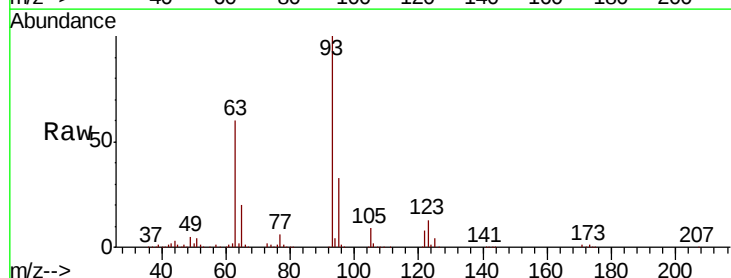
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#28
bis(2-Chloroethoxy)methane
Concen: 43.307 ng
RT: 7.65 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	12.9	9.7	14.5





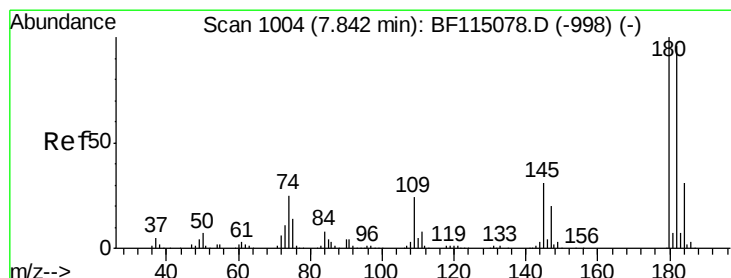
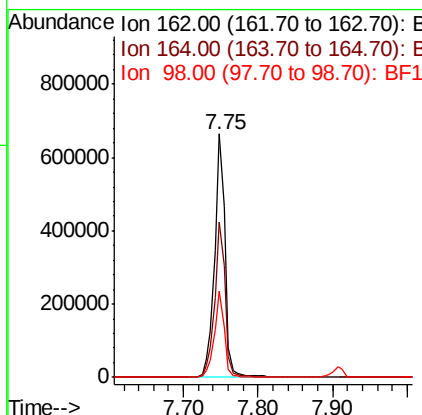
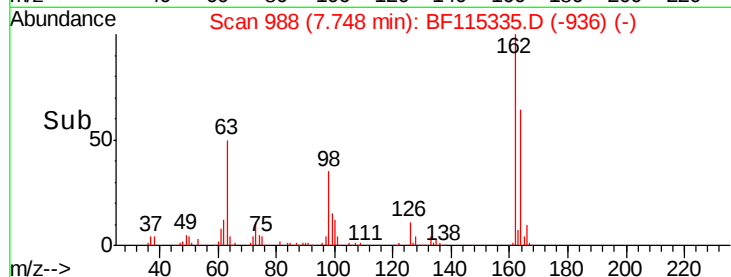
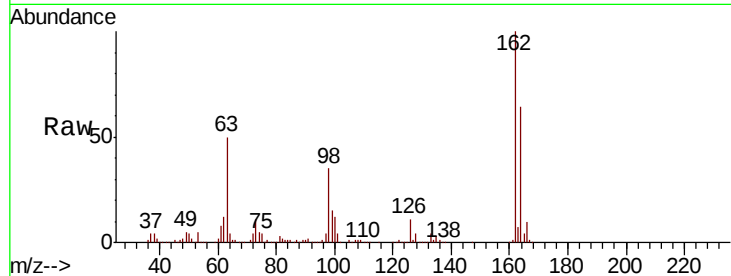
#29
2,4-Dichlorophenol
Concen: 46.977 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	640821		
164	64.0	45.3	85.3	
98	35.4	12.5	52.5	

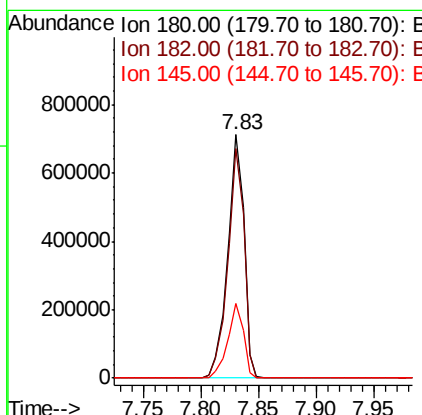
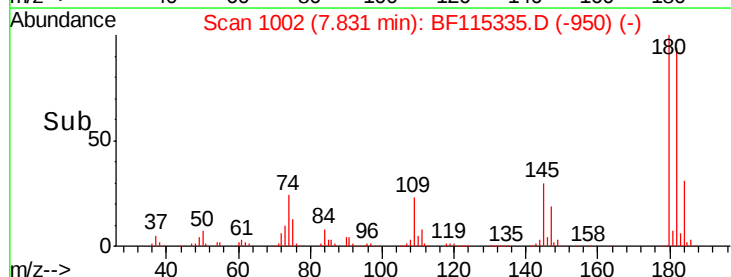
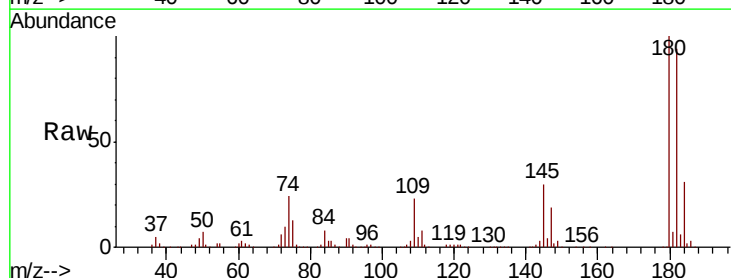
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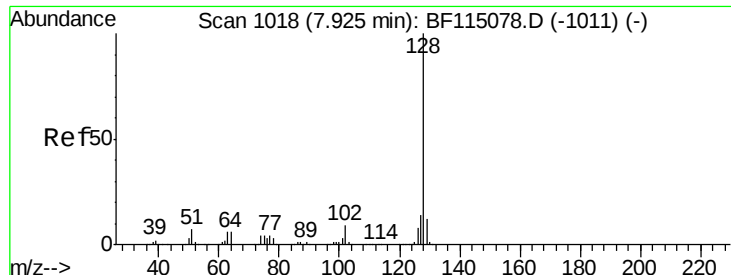
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.048 ng
RT: 7.83 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	693839		
182	94.4	76.4	114.6	
145	30.4	24.8	37.2	





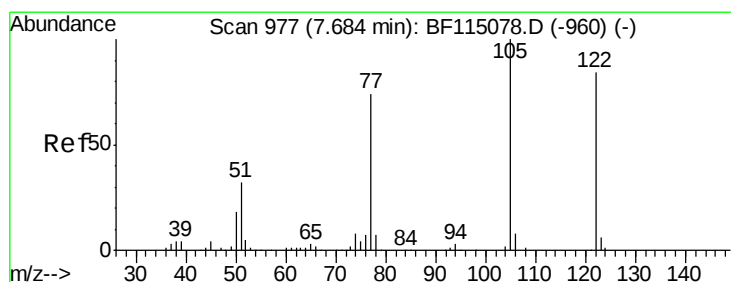
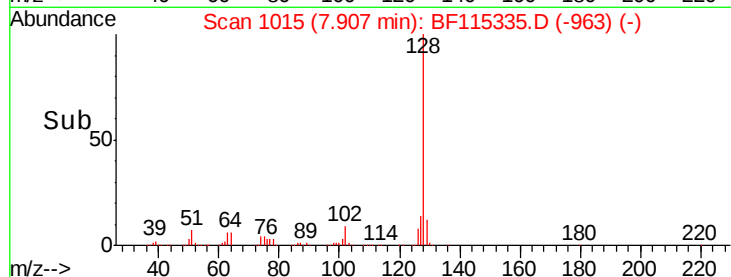
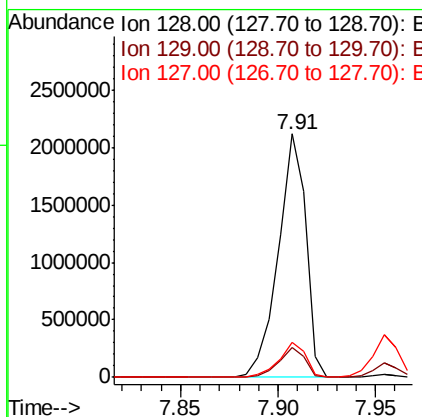
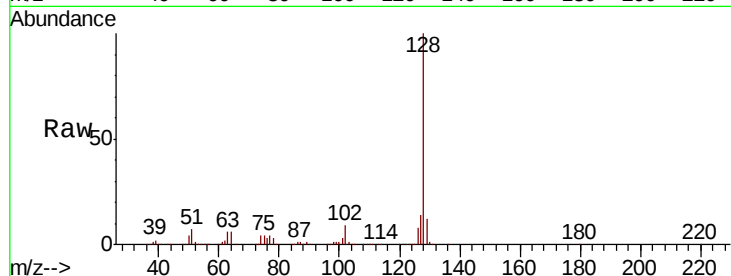
#31
Naphthalene
Concen: 46.253 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.1	11.4	17.0

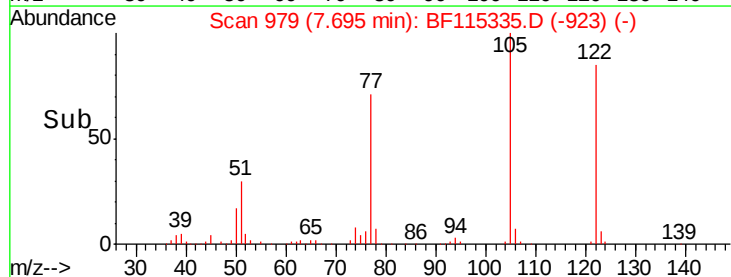
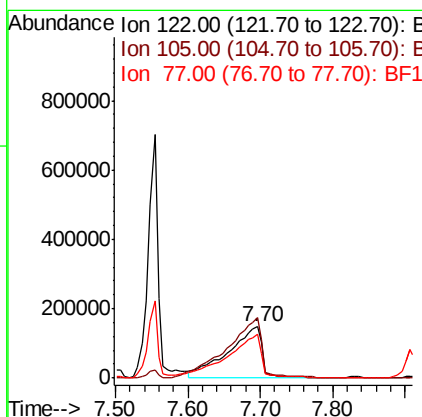
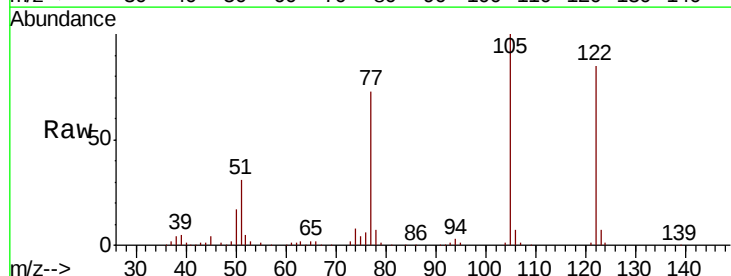
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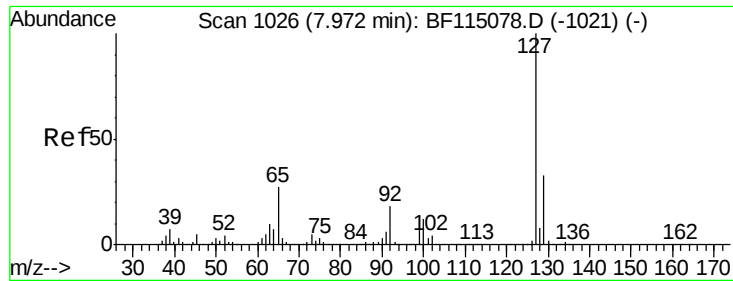
mohammad
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#32
Benzoic acid
Concen: 51.292 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.03 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	98.2	138.2
77	85.3	67.0	107.0





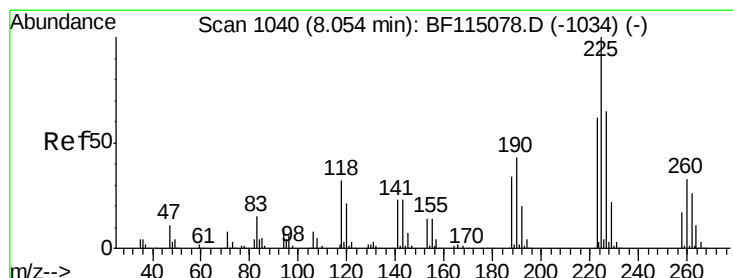
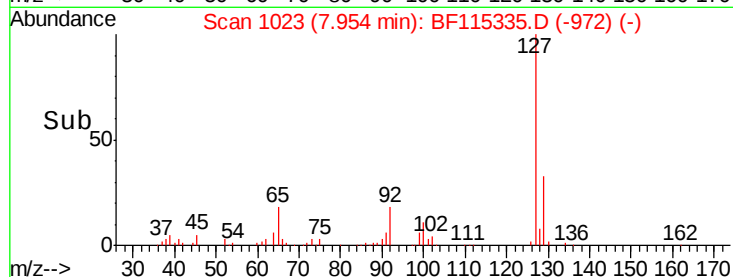
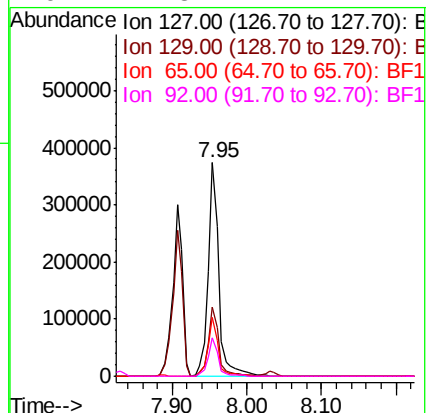
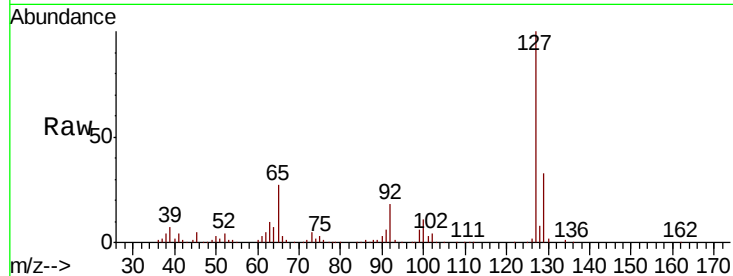
#33
4-Chloroaniline
Concen: 18.332 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		375405		
129	32.6	26.1	39.1		
65	27.4	21.4	32.2		
92	17.8	14.1	21.1		

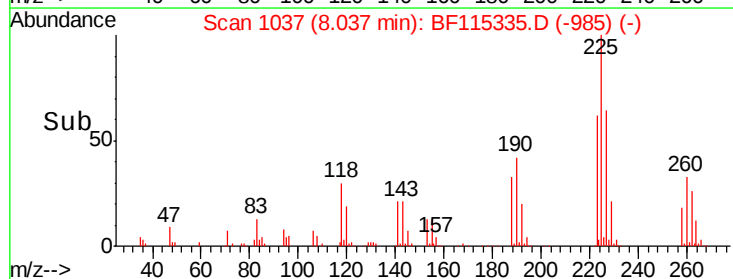
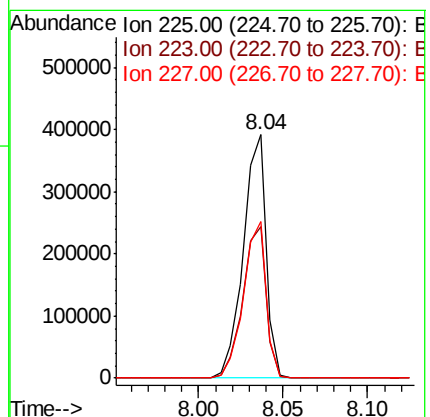
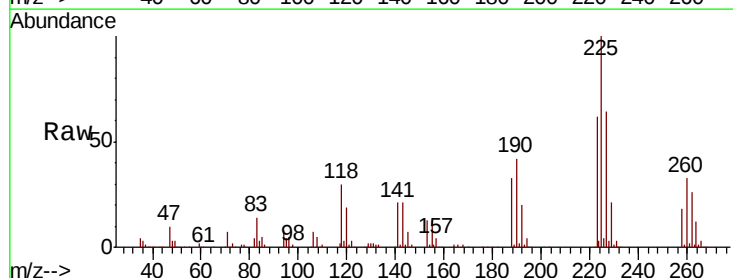
Manual Integrations
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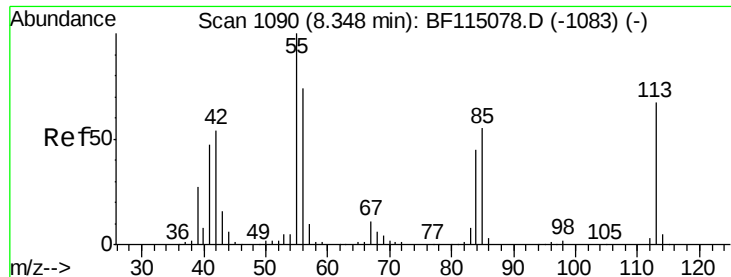
mohammad
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#34
Hexachlorobutadiene
Concen: 44.776 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		369721		
223	62.1	49.4	74.2		
227	64.4	51.8	77.8		





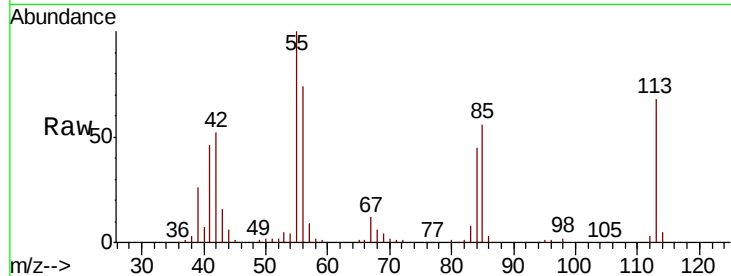
#35
Caprolactam
Concen: 47.105 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.3	130.2	170.2
56	107.8	91.6	131.6

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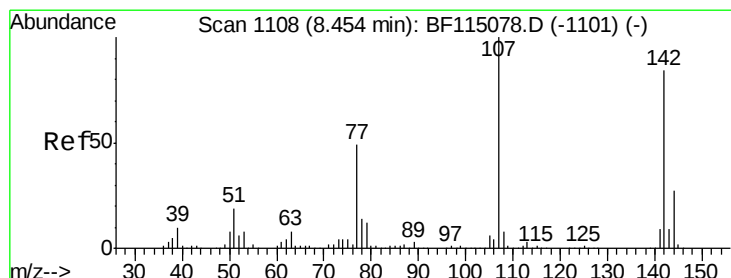
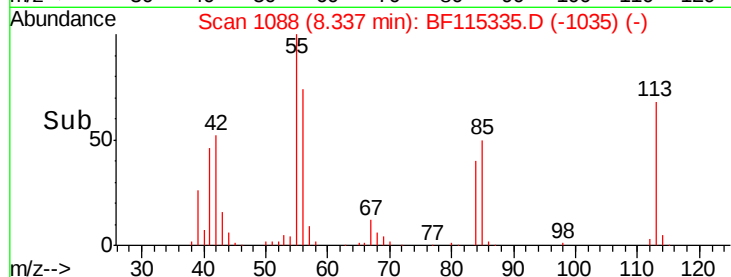
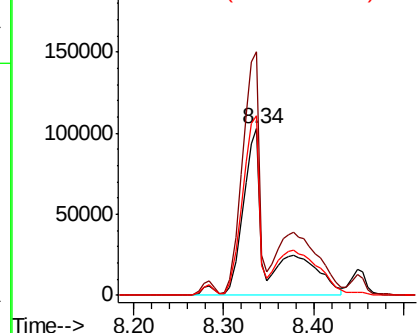


Abundance

Ion 113.00 (112.70 to 113.70): E

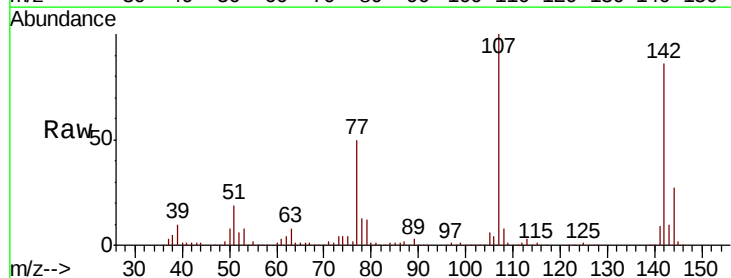
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 46.692 ng/ml
RT: 8.45 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.7	32.5
142	85.5	67.0	100.4

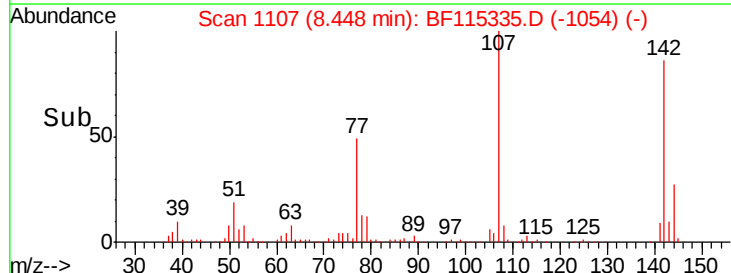
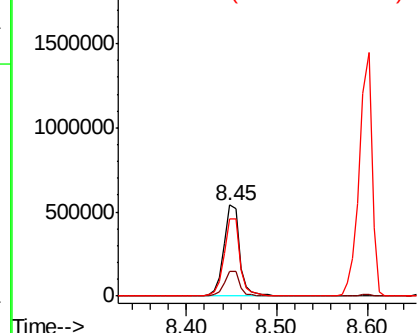


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





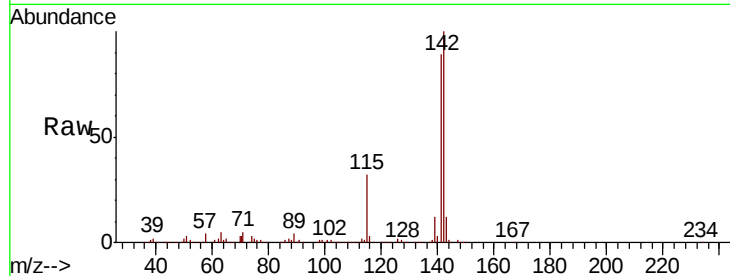
#37
2-Methylnaphthalene
Concen: 46.156 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	32.3	26.7	40.1

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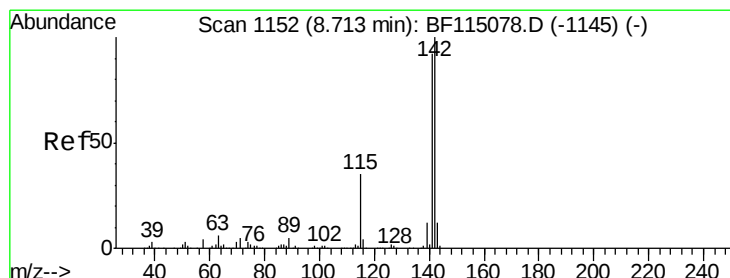
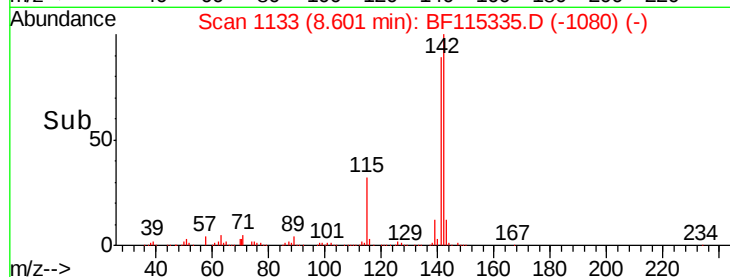
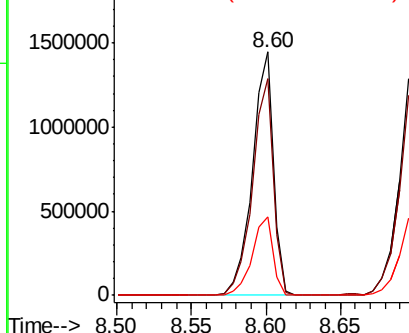


Abundance

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: 45.929 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

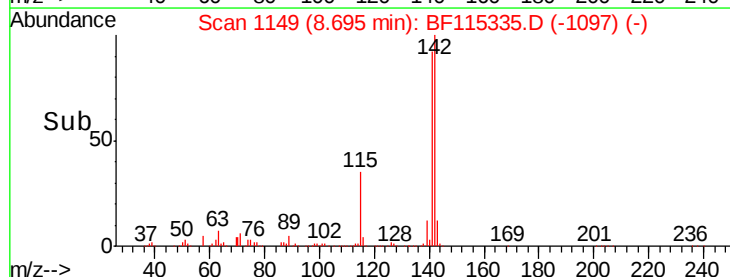
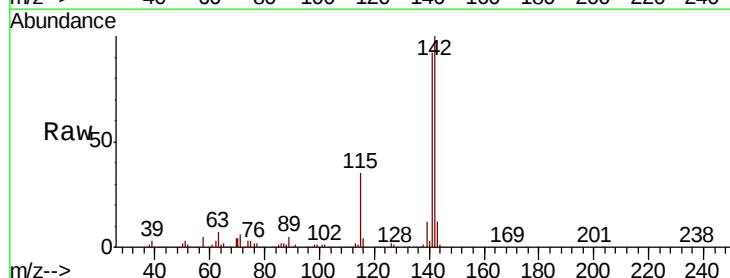
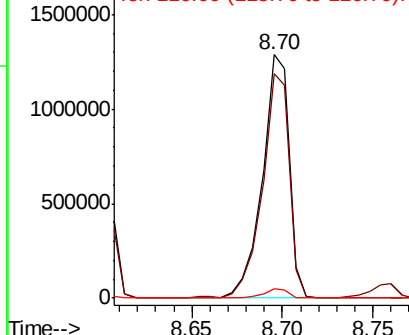
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.8
116	3.7	2.8	4.2

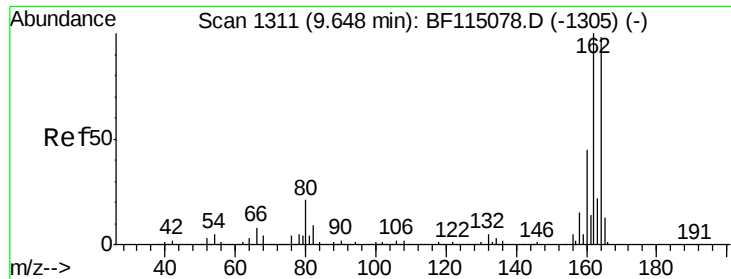
Abundance

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





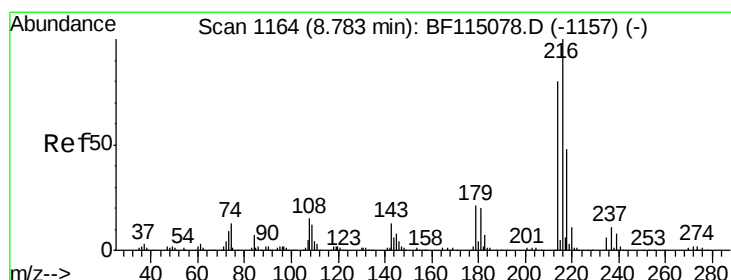
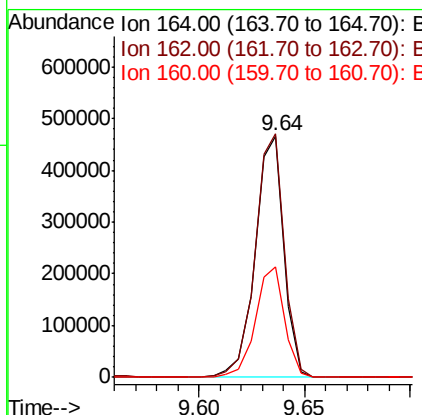
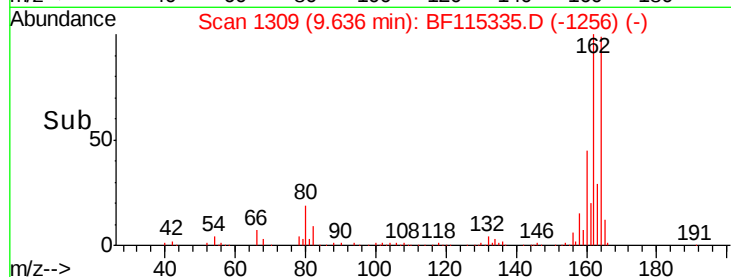
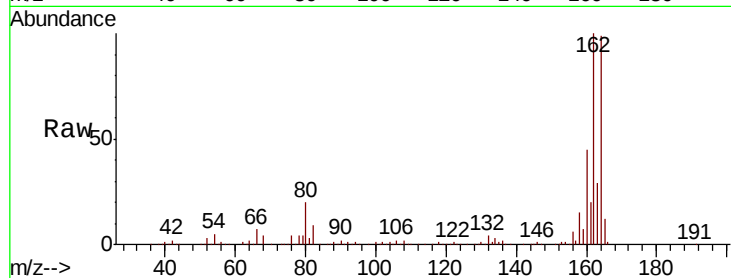
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.7	122.5
160	45.5	37.0	55.4

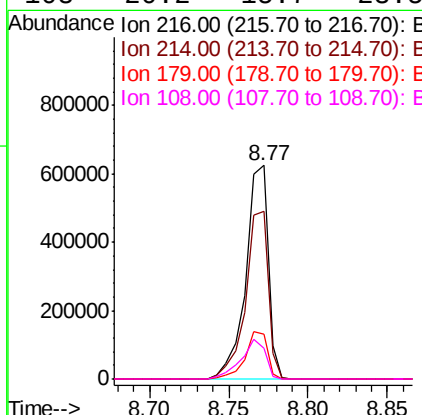
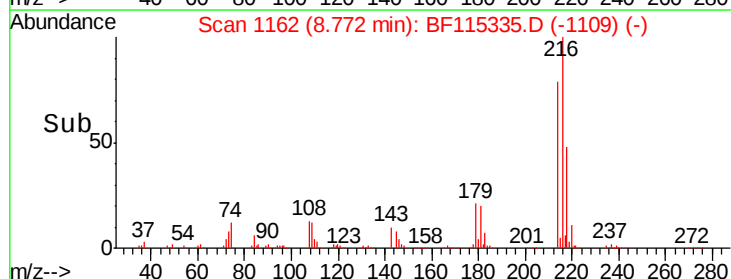
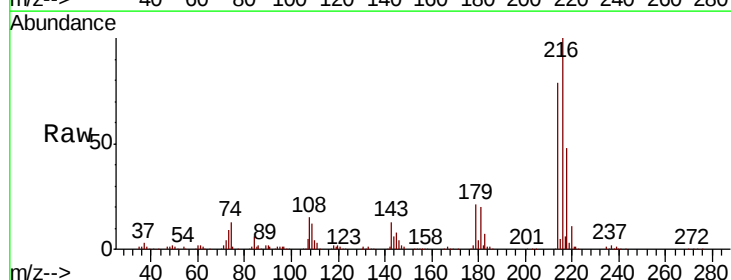
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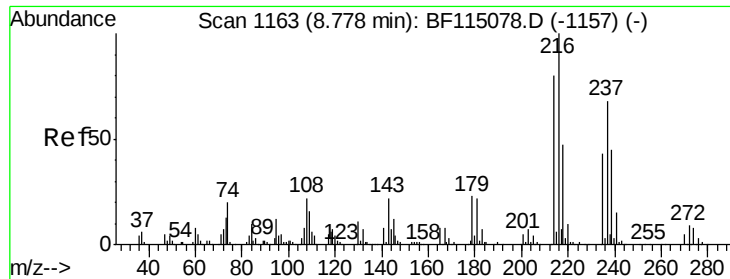
mohammad
7/2/2019 2:53:30 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.071 ng
RT: 8.77 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.1	17.6	26.4
108	20.2	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 83.235 ng

RT: 8.76 min Scan# 1160

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

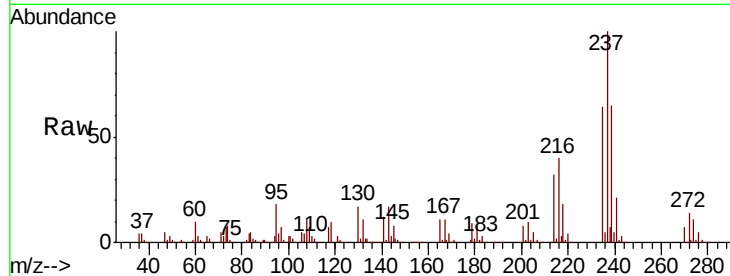
ClientSampleId :

PB120926BS

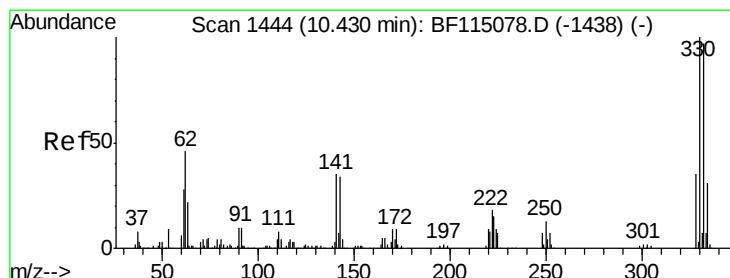
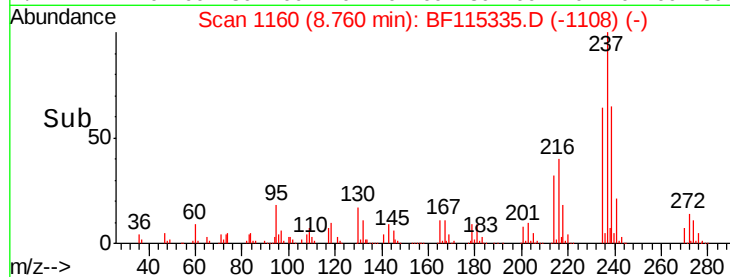
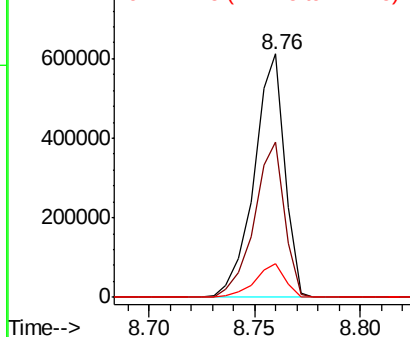
Tot Ion:	237	Resp:	615455
Ion Ratio		Lower	Upper
237	100		
235	63.7	43.9	83.9
272	13.7	0.0	33.8

Manual Integrations
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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: 136.952 ng

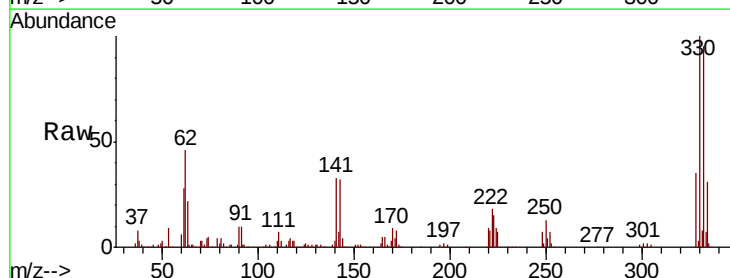
RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

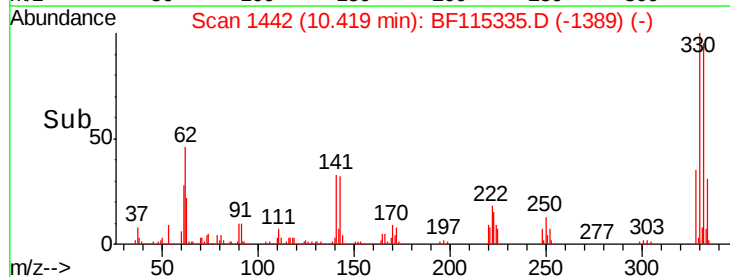
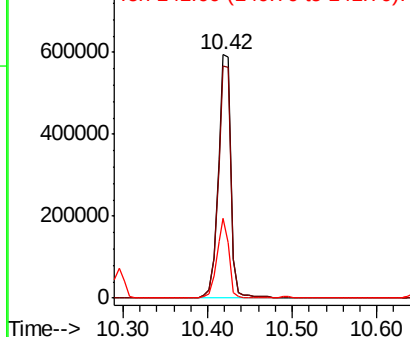
Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Tgt Ion:	330	Resp:	637300
Ion Ratio		Lower	Upper
330	100		
332	96.1	77.3	115.9
141	31.4	28.2	42.2



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





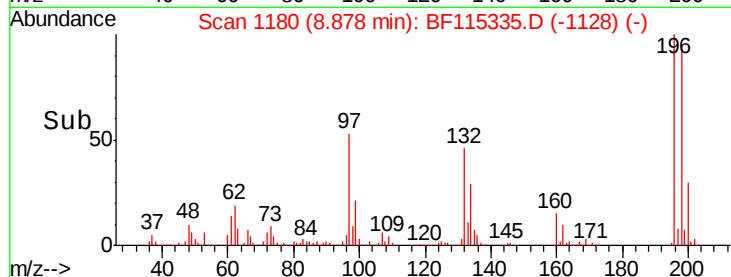
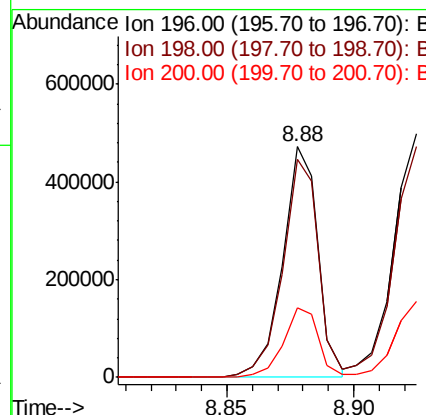
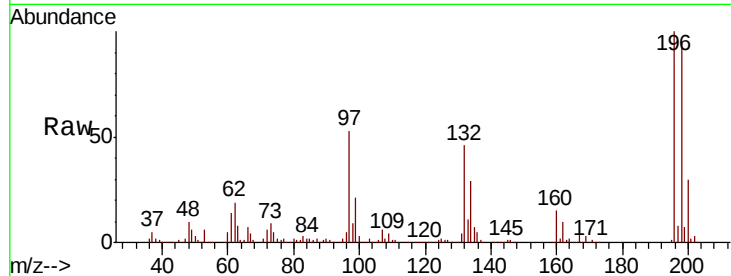
#43
 2,4,6-Trichlorophenol
 Concen: 47.723 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	459435		
198	94.6	76.3	114.5	
200	30.3	24.2	36.4	

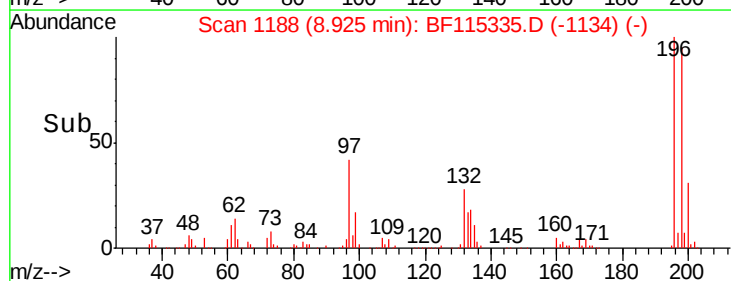
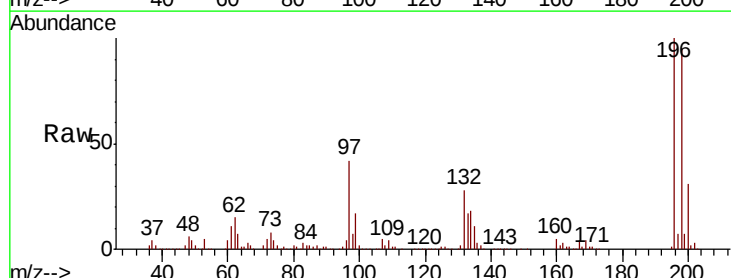
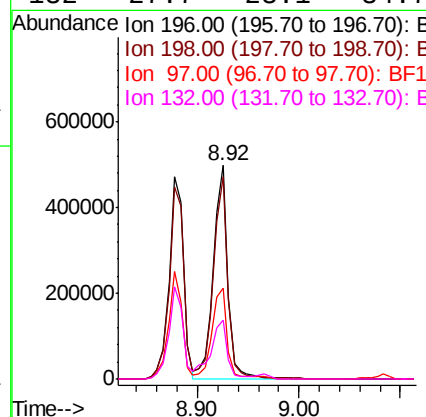
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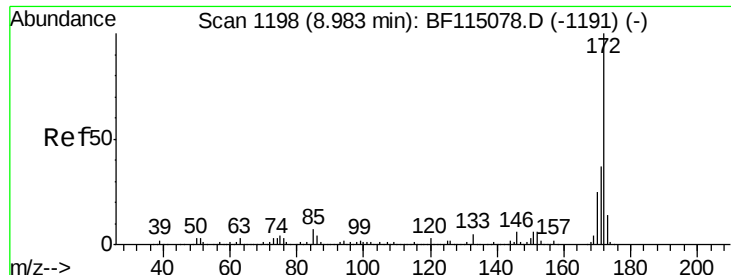
mohammad
 7/2/2019 2:53:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.866 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	494378		
198	94.6	77.1	115.7	
97	42.4	37.7	56.5	
132	27.7	23.1	34.7	





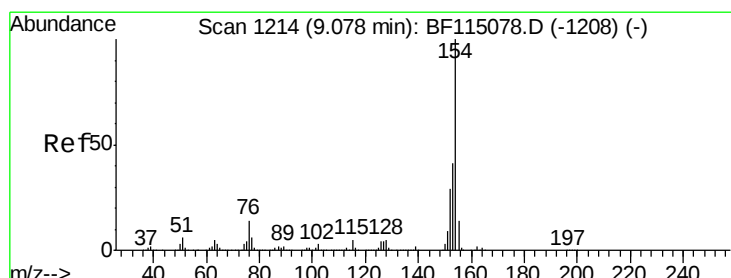
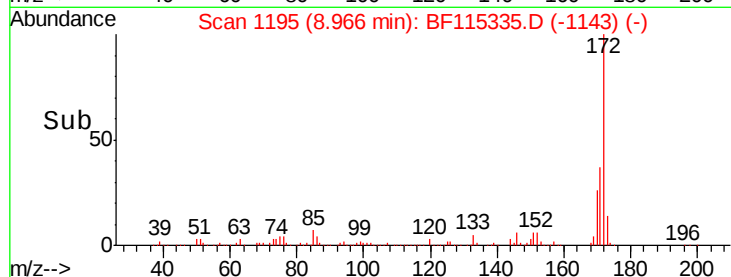
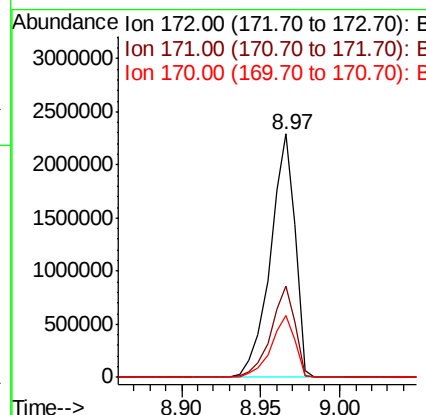
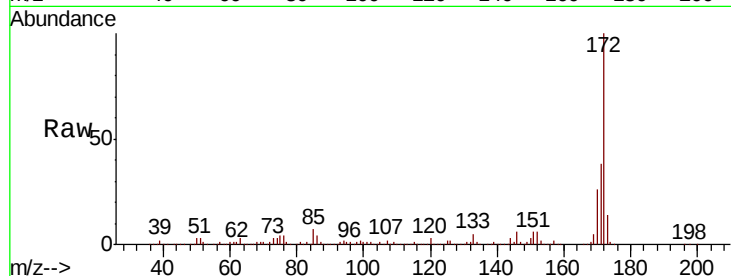
#45
2-Fluorobiphenyl
Concen: 95.849 ng
RT: 8.97 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.5	29.8	44.6	
170	25.6	20.3	30.5	

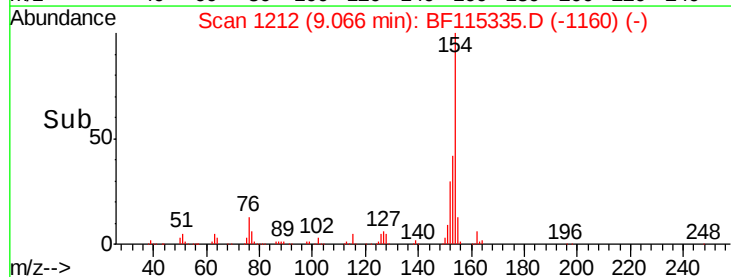
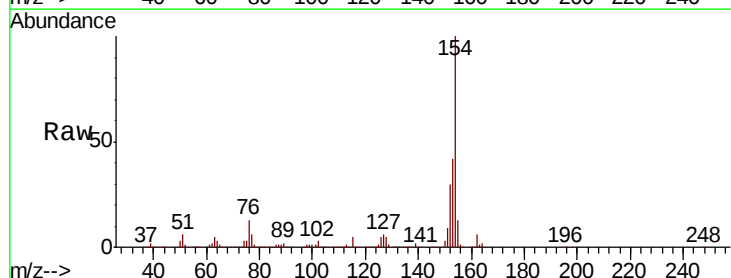
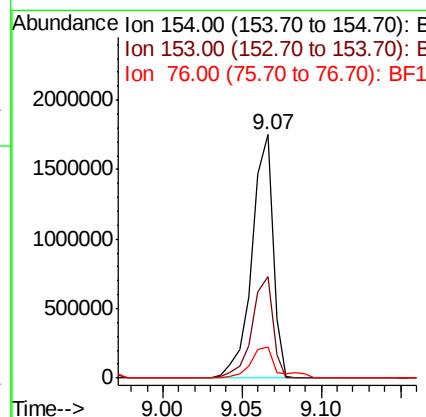
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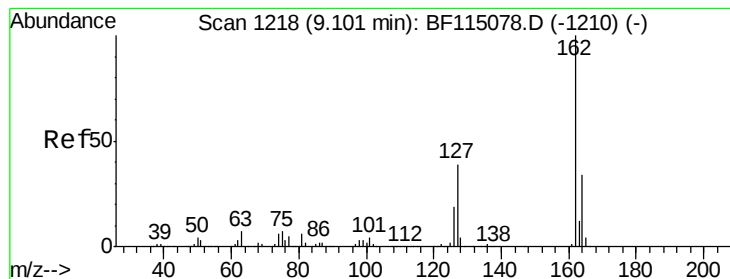
mohammad
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#46
1,1'-Biphenyl
Concen: 45.549 ng
RT: 9.07 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.7	20.9	60.9	
76	12.8	0.0	34.1	





#47

2-Chloronaphthalene

Concen: 45.683 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion:162 Resp: 1308397

Ion Ratio Lower Upper

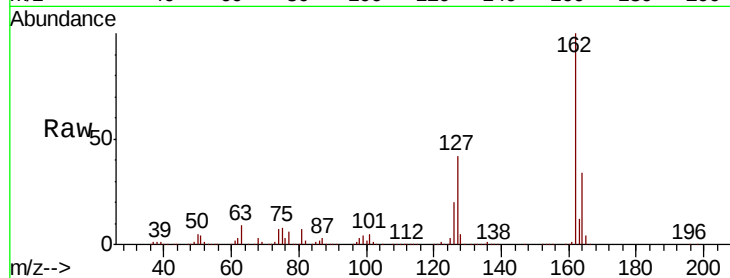
162 100

127 41.9 30.8 46.2

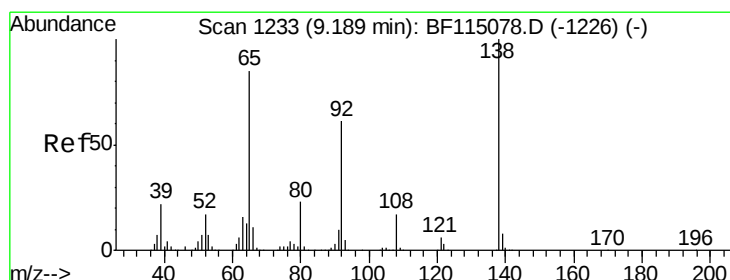
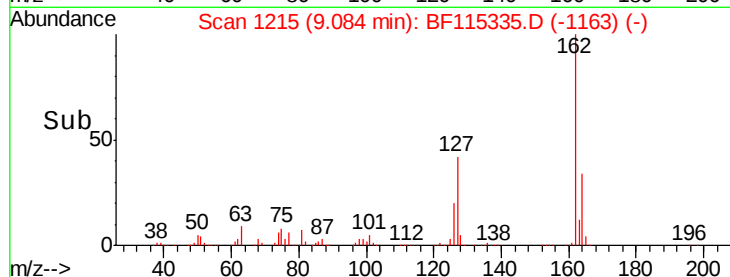
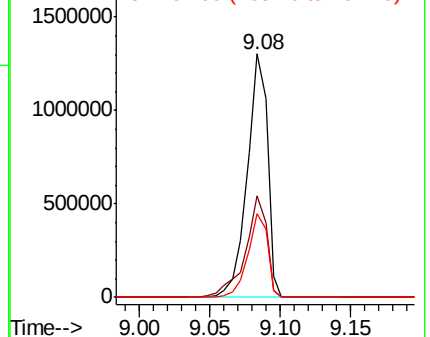
164 34.2 27.0 40.4

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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: 46.764 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

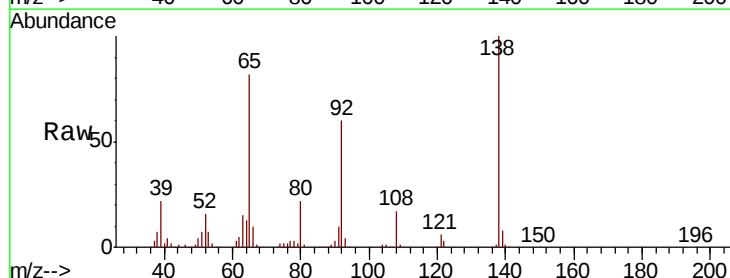
Tgt Ion: 65 Resp: 390477

Ion Ratio Lower Upper

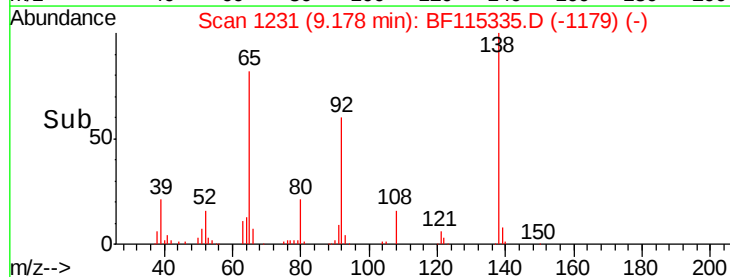
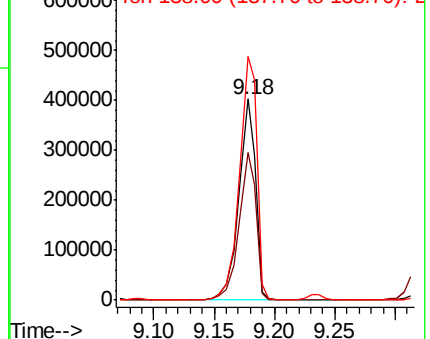
65 100

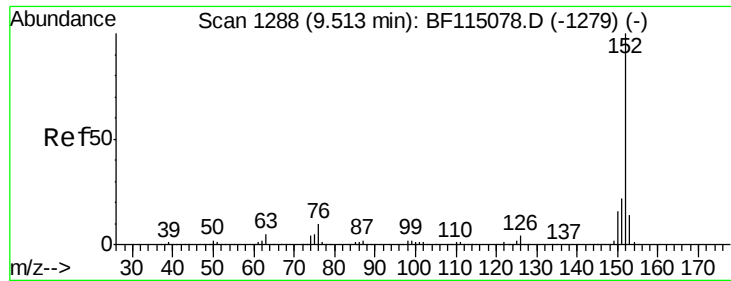
92 73.3 57.4 86.2

138 121.3 94.1 141.1



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: 45.538 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion:152 Resp: 2032039

Ion Ratio Lower Upper

152 100

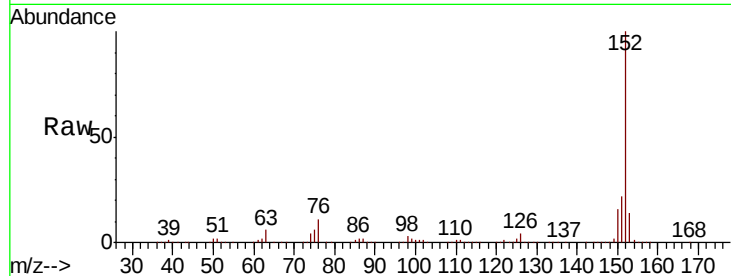
151 21.8 17.2 25.8

153 14.3 11.0 16.6

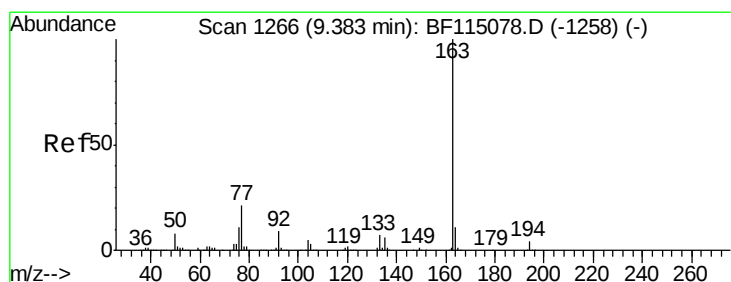
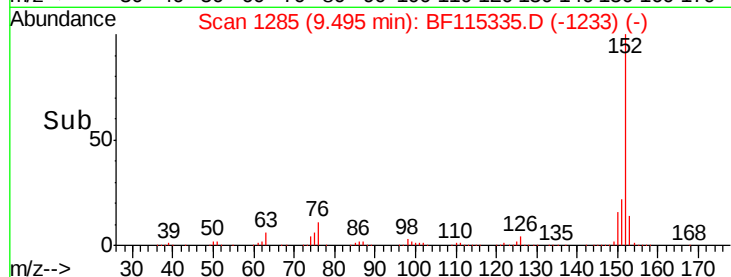
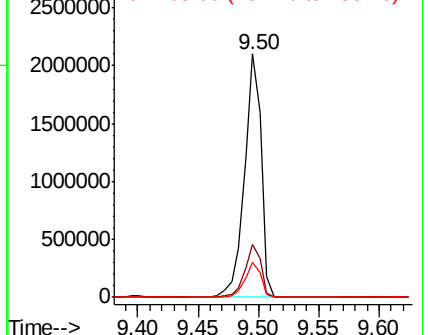
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.916 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

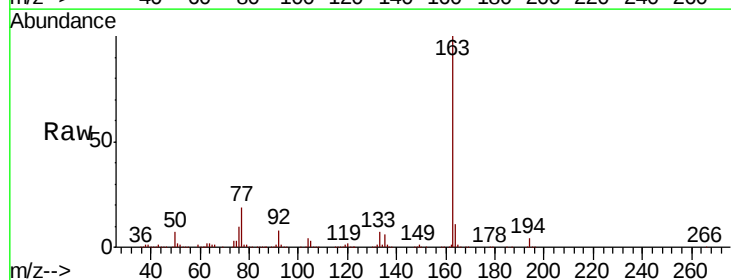
Tgt Ion:163 Resp: 1490724

Ion Ratio Lower Upper

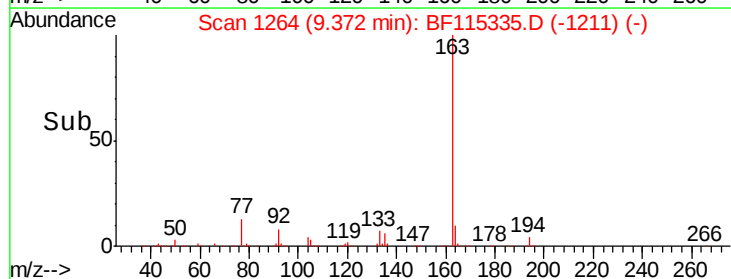
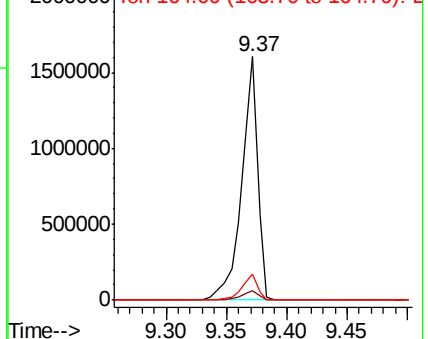
163 100

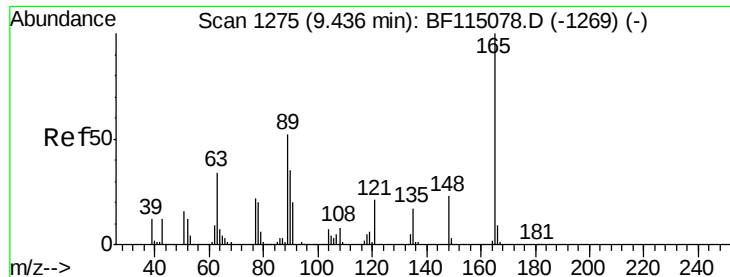
194 4.1 3.2 4.8

164 10.7 8.6 13.0



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





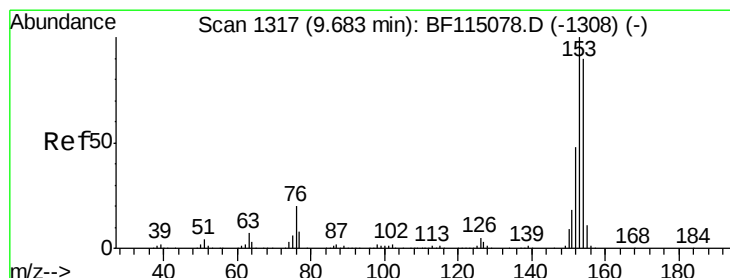
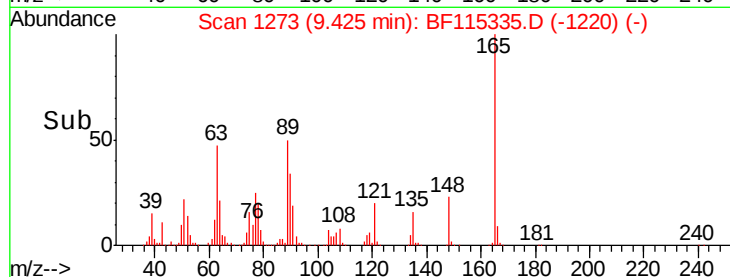
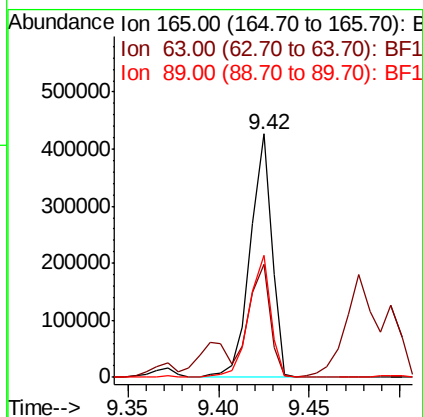
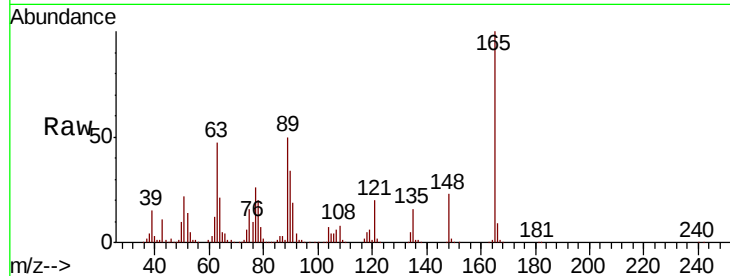
#51
2,6-Dinitrotoluene
Concen: 47.534 ng
RT: 9.42 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	356287		
63	46.6	39.4	59.2	
89	49.9	42.0	63.0	

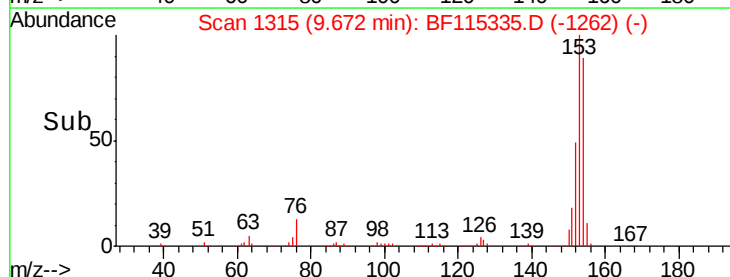
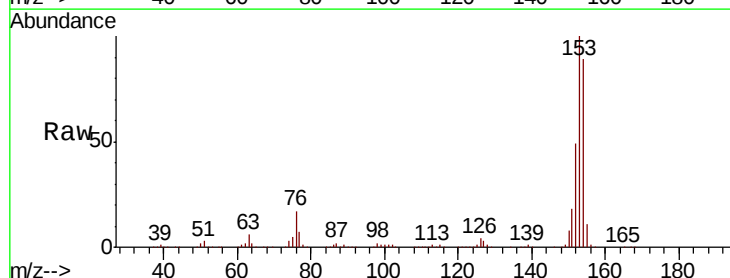
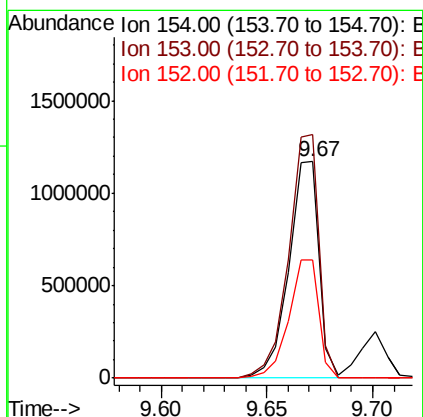
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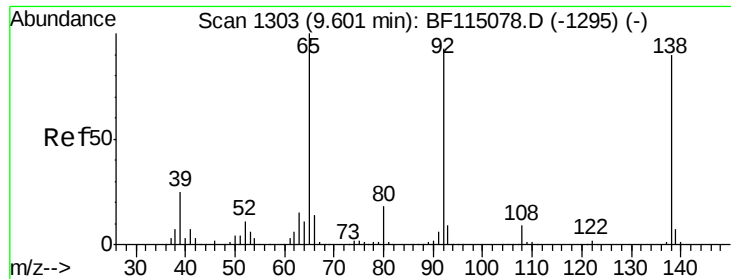
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#52
Acenaphthene
Concen: 42.231 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1179209		
153	112.4	88.7	133.1	
152	54.5	42.6	64.0	





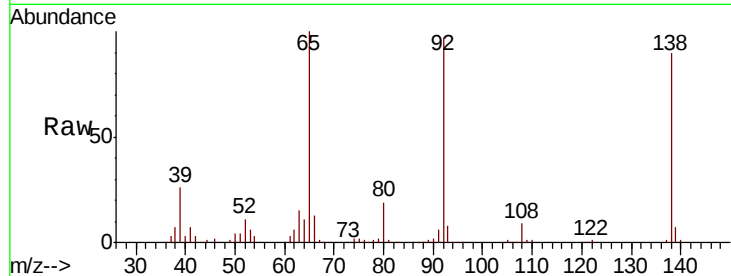
#53
3-Nitroaniline
Concen: 26.063 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

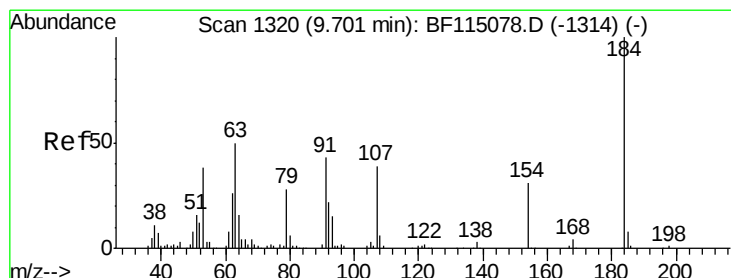
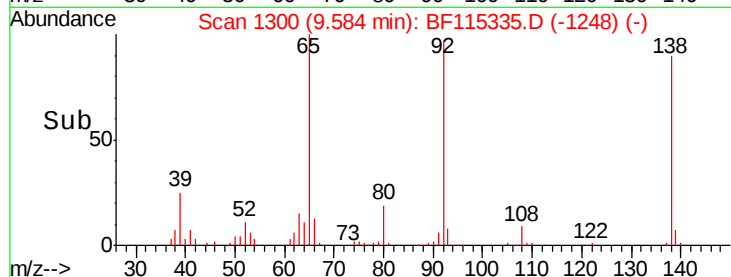
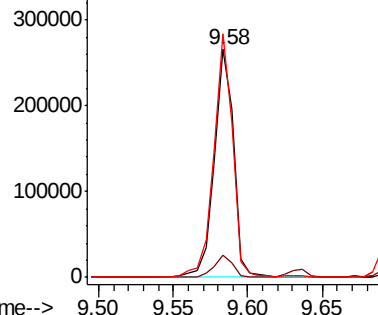
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	106.8	82.9	124.3

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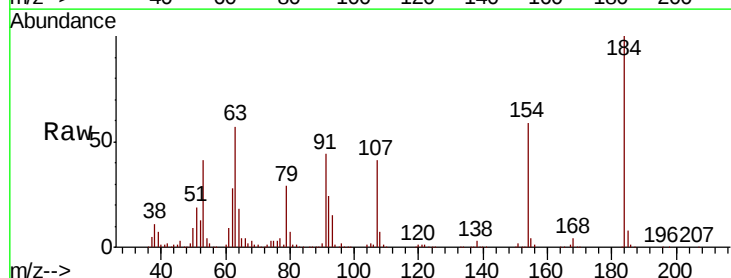


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

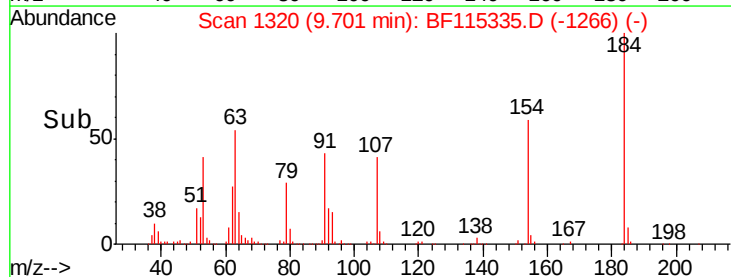
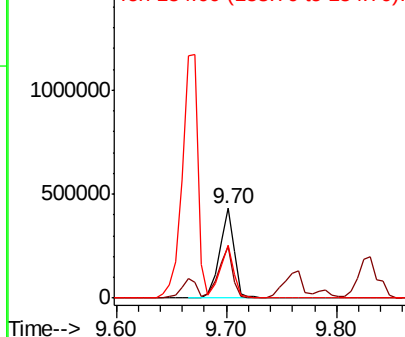


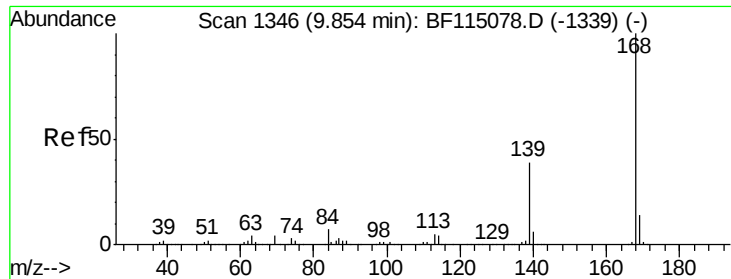
#54
2,4-Dinitrophenol
Concen: 100.796 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	41.9	62.9
154	58.7	44.7	67.1



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





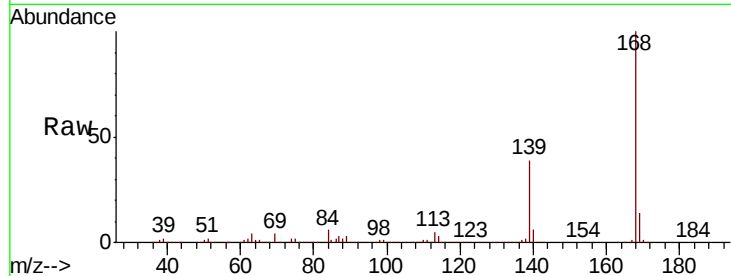
#55
Dibenzofuran
Concen: 43.723 ng
RT: 9.84 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

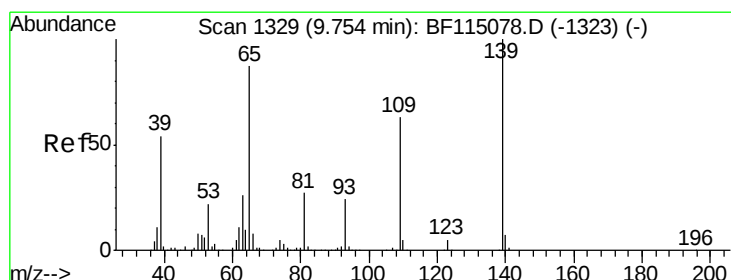
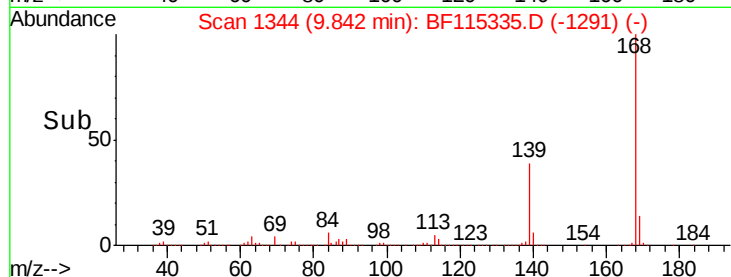
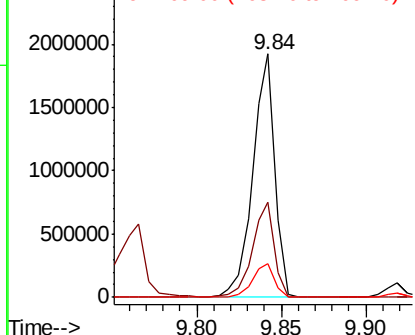
Tot Ion:168 Resp: 1752297
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.0 11.3 16.9

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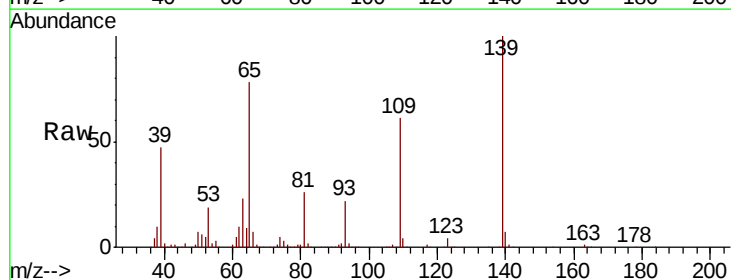


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

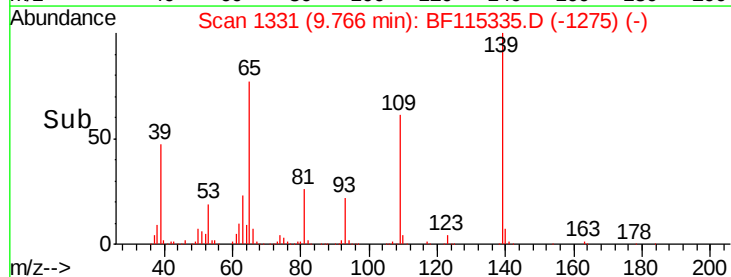
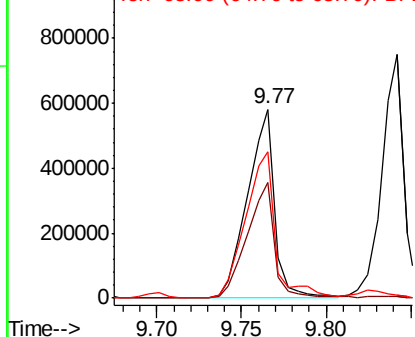


#56
4-Nitrophenol
Concen: 89.653 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.03 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:139 Resp: 657427
Ion Ratio Lower Upper
139 100
109 61.2 43.0 83.0
65 77.5 67.0 107.0



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





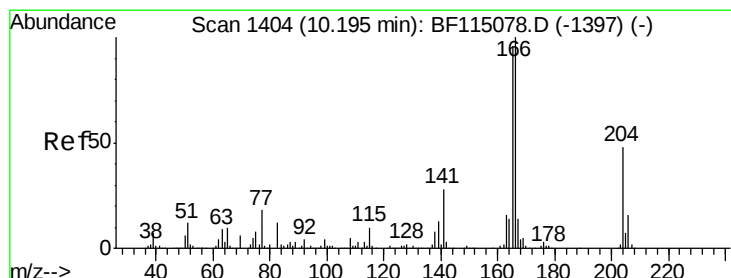
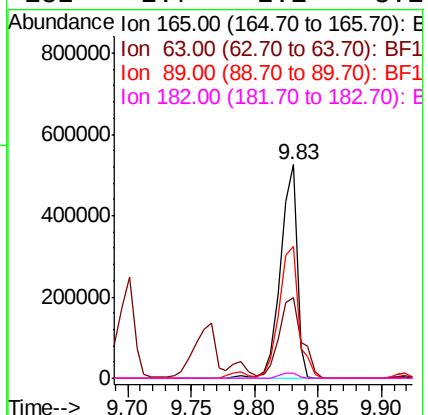
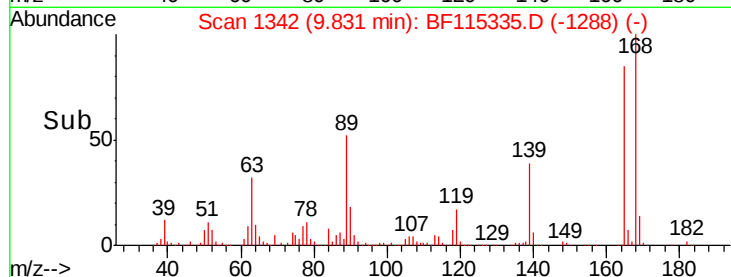
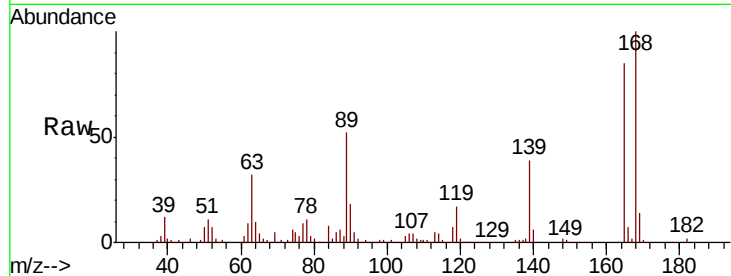
#57
 2,4-Dinitrotoluene
 Concen: 48.804 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. 0.02 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	472329		
63	37.6	27.5	41.3	
89	61.6	49.9	74.9	
182	2.7	2.1	3.1	

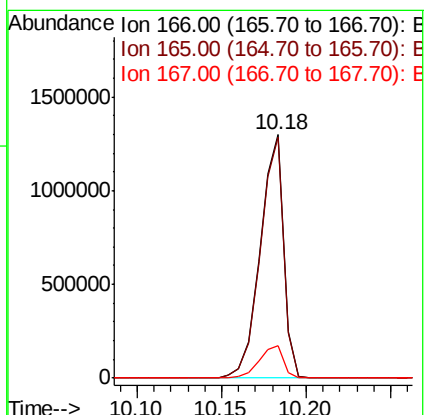
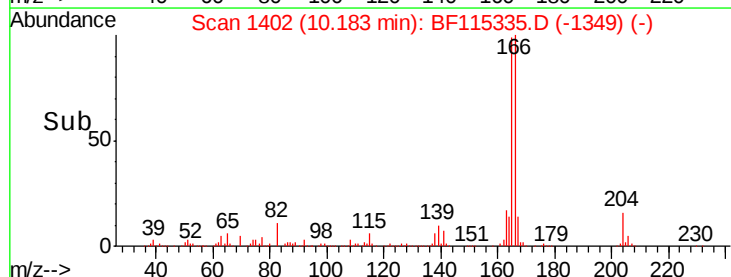
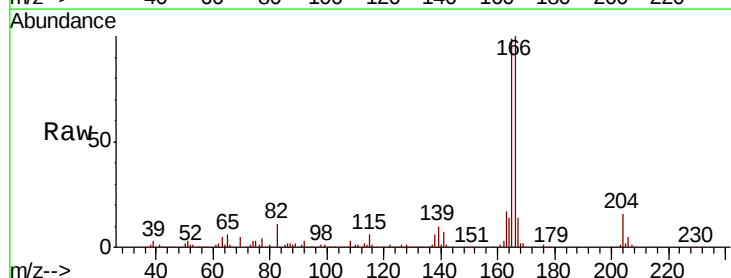
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#58
 Fluorene
 Concen: 47.019 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1246720		
165	98.8	76.5	114.7	
167	13.5	11.0	16.4	





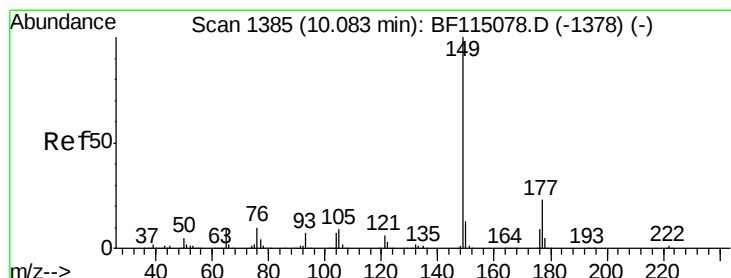
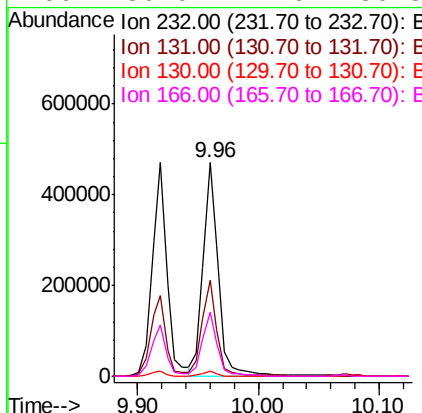
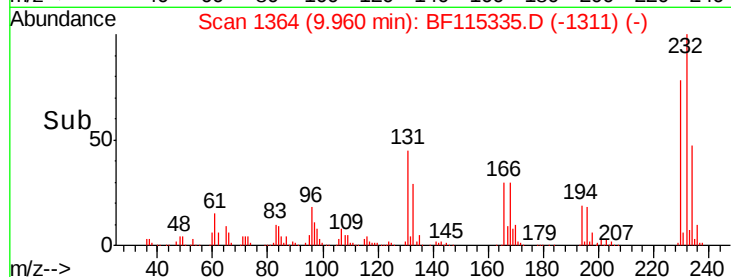
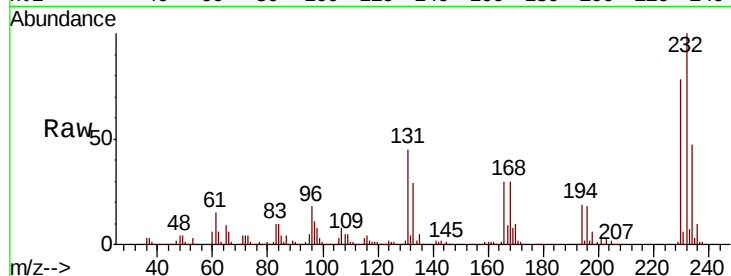
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.839 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tot Ion:	232	Resp:	414323
Ion Ratio	Lower	Upper	
232	100		
131	44.7	37.4	56.0
130	2.2	1.8	2.6
166	30.0	24.6	36.8

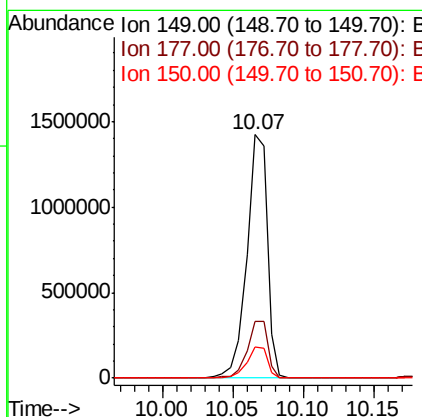
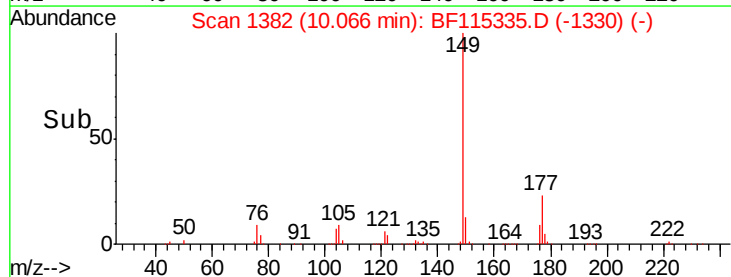
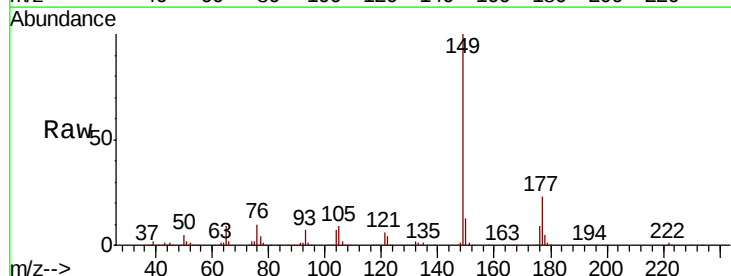
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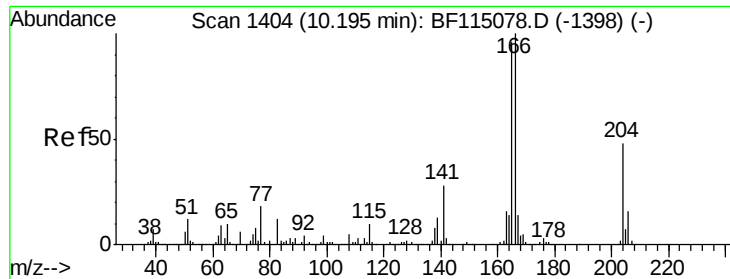
mohammad
 7/2/2019 2:53:30 PM



#60
 Diethylphthalate
 Concen: 44.369 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:	149	Resp:	1447972
Ion Ratio	Lower	Upper	
149	100		
177	23.5	18.7	28.1
150	12.9	10.4	15.6





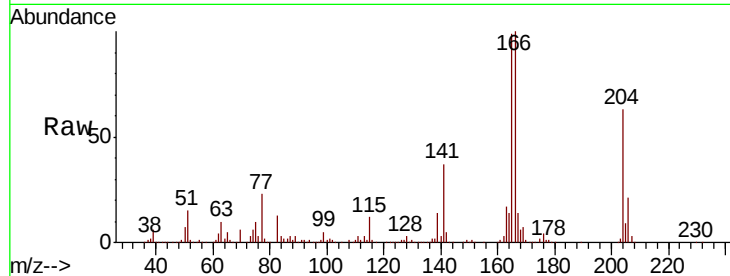
#61
4-Chlorophenyl-phenylether
Concen: 48.008 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	602986		
206	33.4	26.6	40.0	
141	58.6	46.7	70.1	

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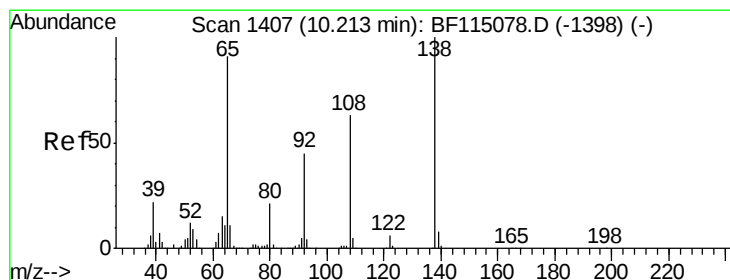
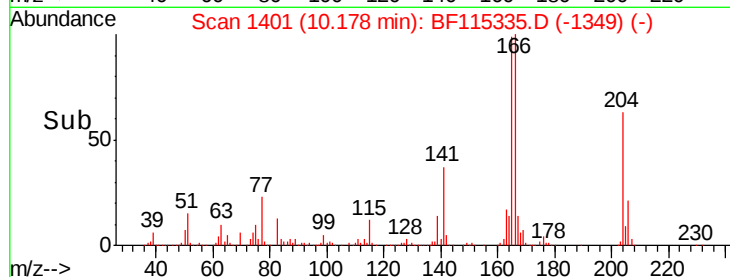
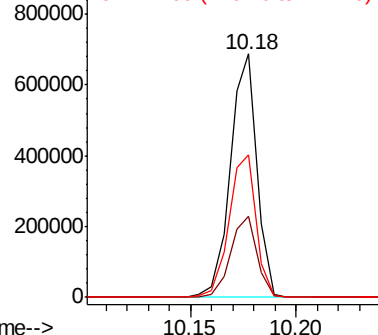


Abundance

Ion 204.00 (203.70 to 204.70): E

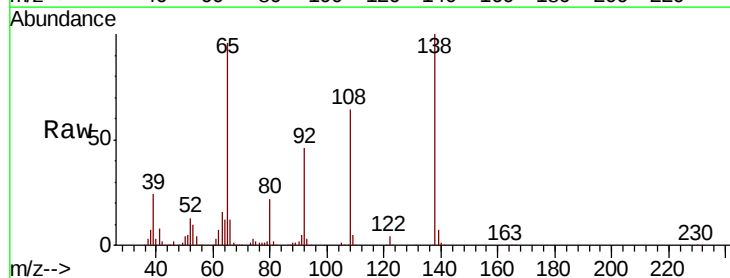
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.021 ng
RT: 10.20 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	403938		
92	46.4	24.8	64.8	
108	64.0	43.3	83.3	

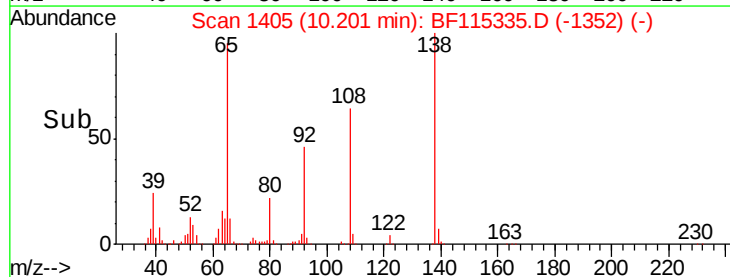
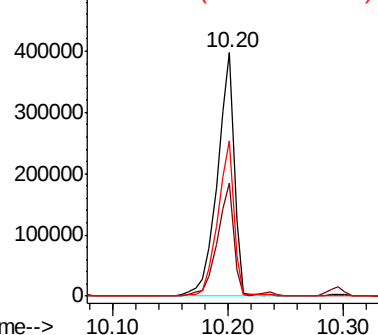


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





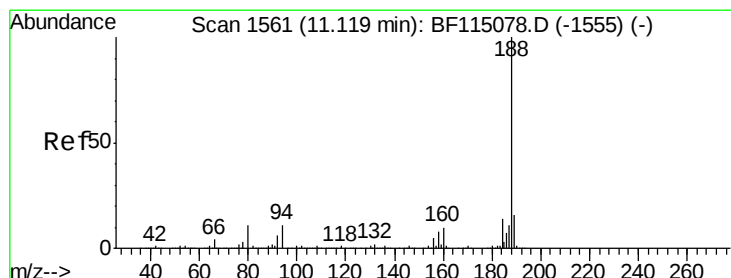
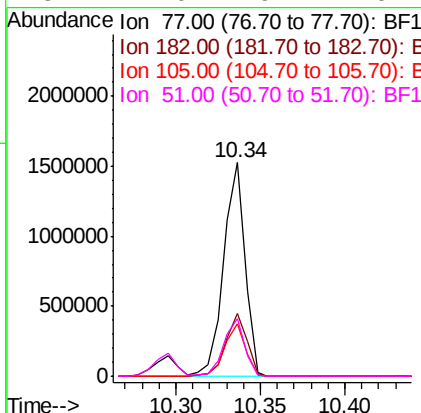
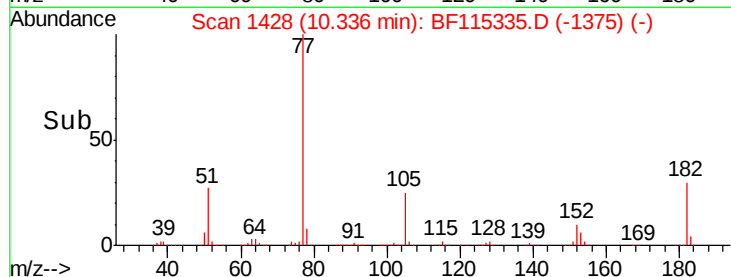
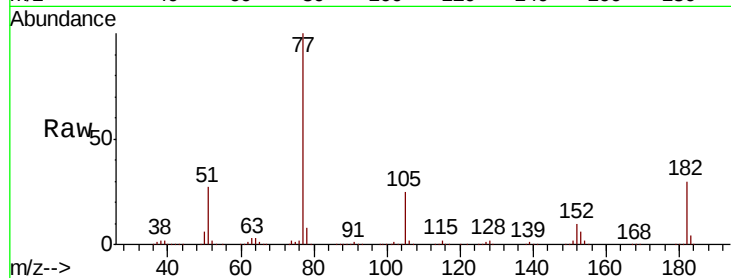
#63
Azobenzene
Concen: 43.714 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.6	10.1	50.1
105	24.6	4.5	44.5
51	27.0	6.4	46.4

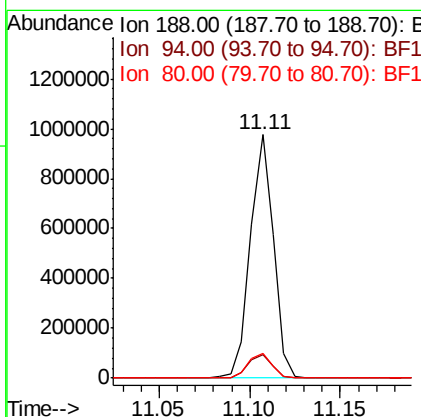
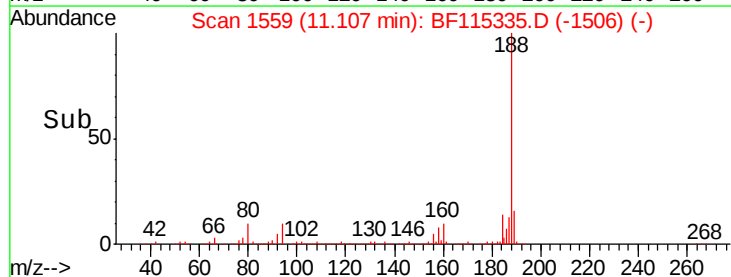
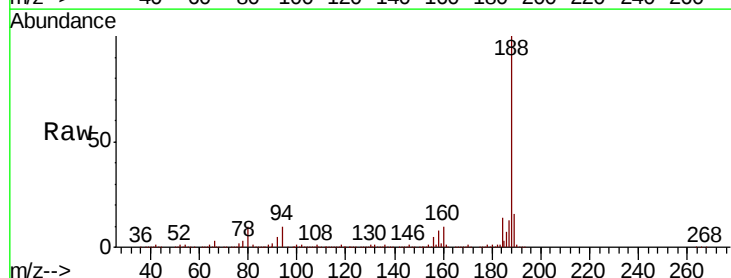
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	12.8
80	10.2	8.8	13.2





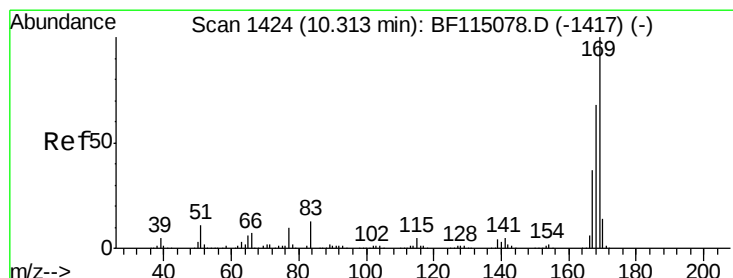
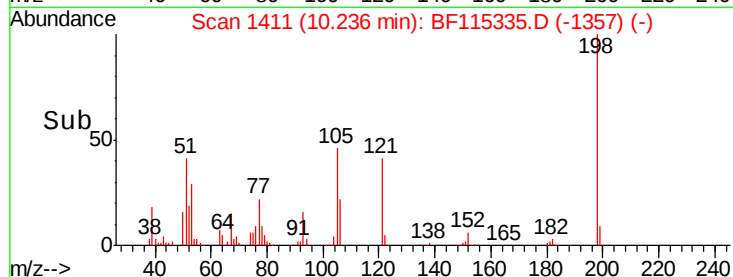
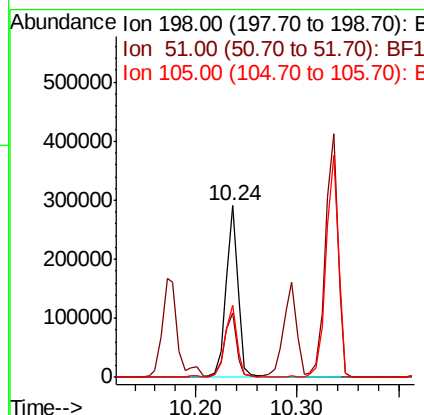
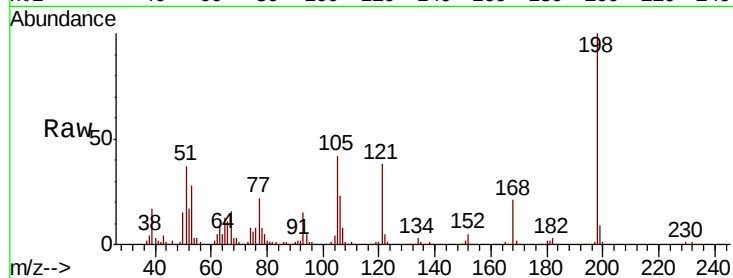
#65
4,6-Dinitro-2-methylphenol
Concen: 51.322 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	237990		
51	37.3	11.0	51.0	
105	42.2	17.3	57.3	

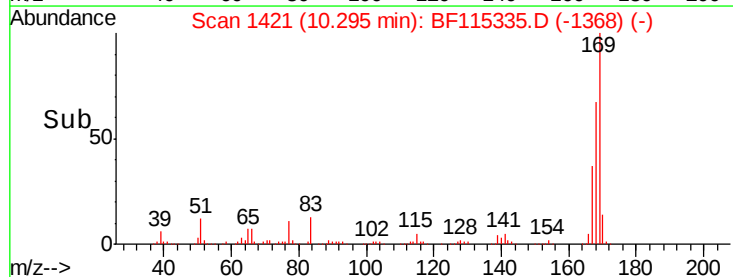
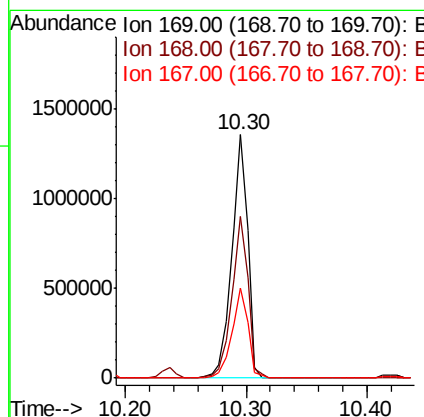
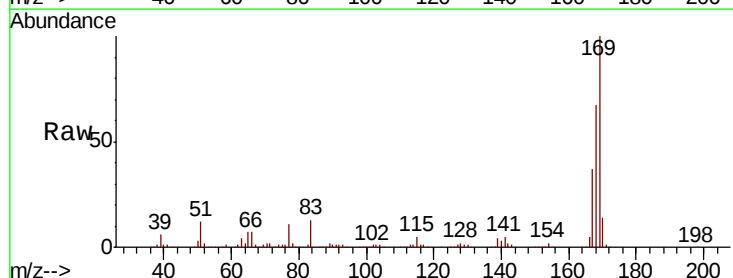
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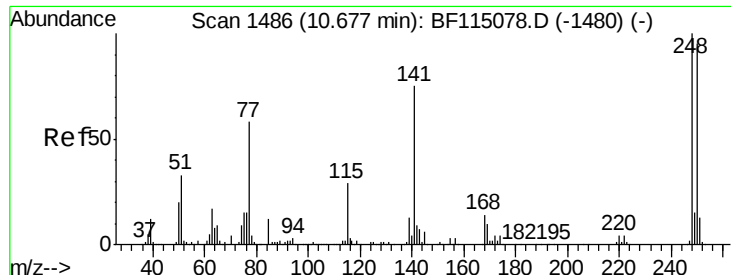
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.052 ng
RT: 10.30 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1241135		
168	66.6	54.2	81.4	
167	36.9	29.4	44.0	





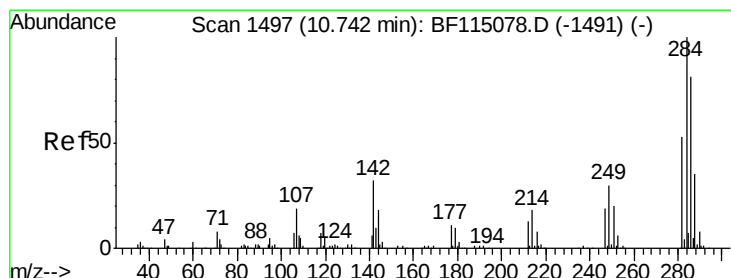
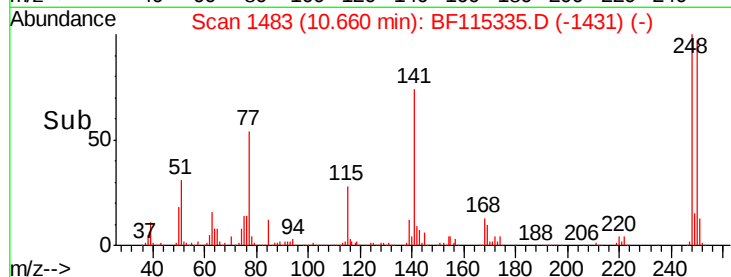
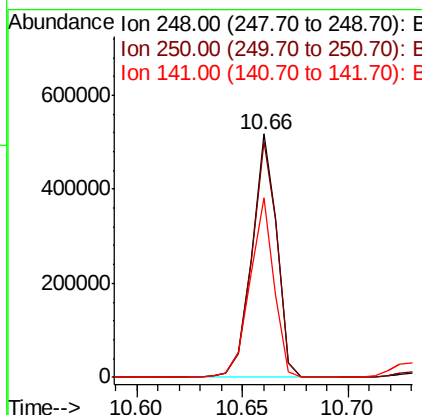
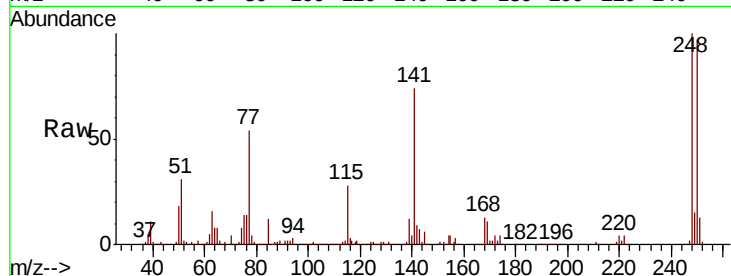
#67
 4-Bromophenyl-phenylether
 Concen: 45.315 ng
 RT: 10.66 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tot Ion:	248	Resp:	425011
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.2	114.2
141	73.7	59.6	89.4

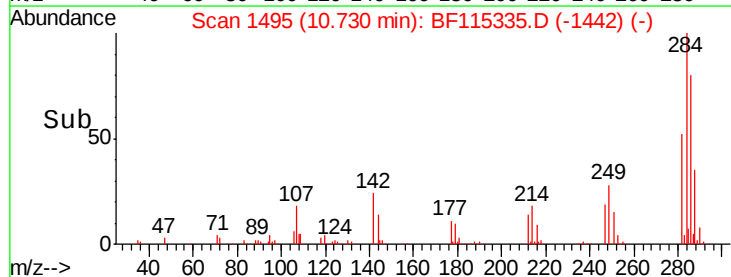
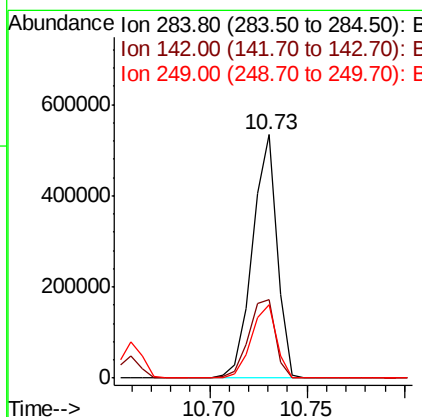
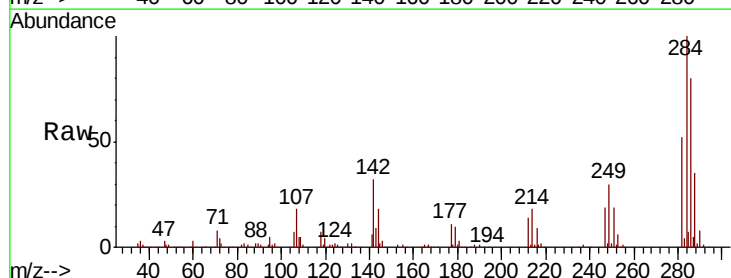
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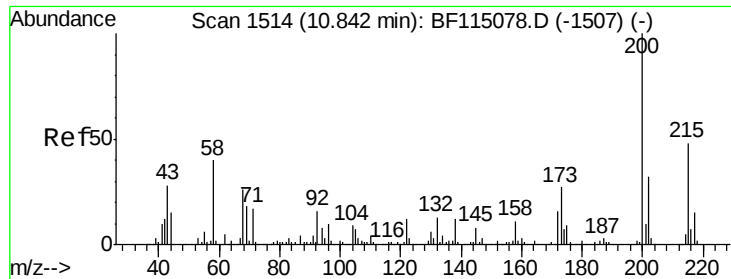
mohammad
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#68
 Hexachlorobenzene
 Concen: 45.874 ng
 RT: 10.73 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:	284	Resp:	467013
Ion Ratio	Lower	Upper	
284	100		
142	32.0	25.8	38.8
249	30.3	24.2	36.4





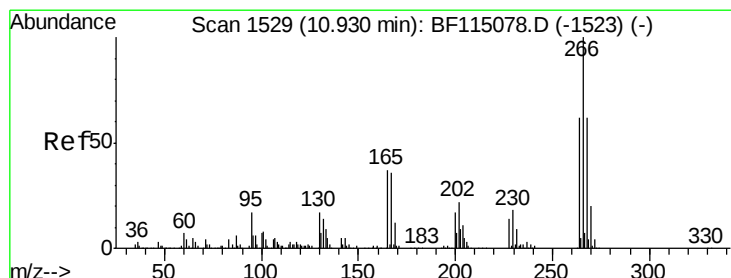
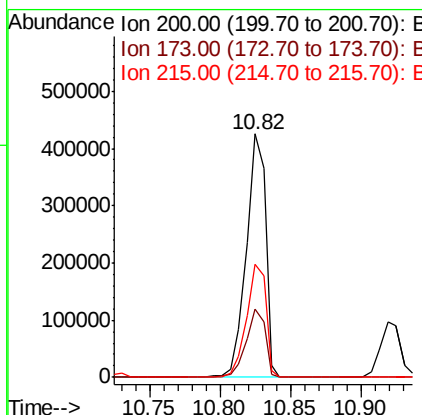
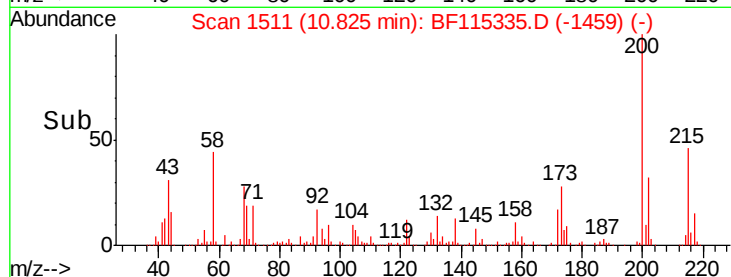
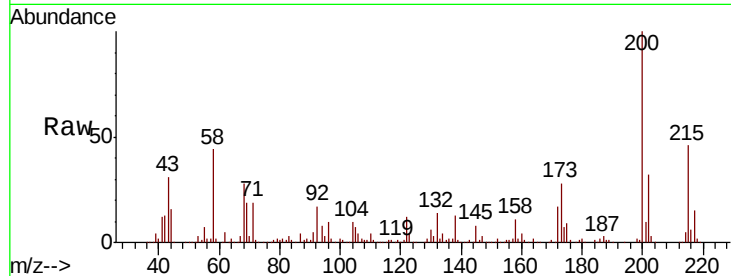
#69
Atrazine
Concen: 47.097 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	7.4	47.4	
215	46.4	27.8	67.8	

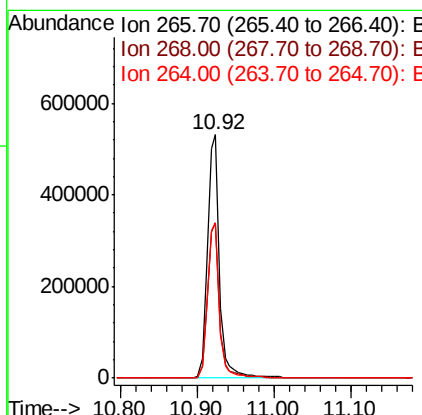
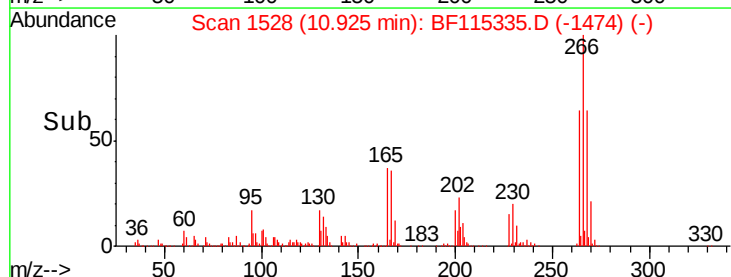
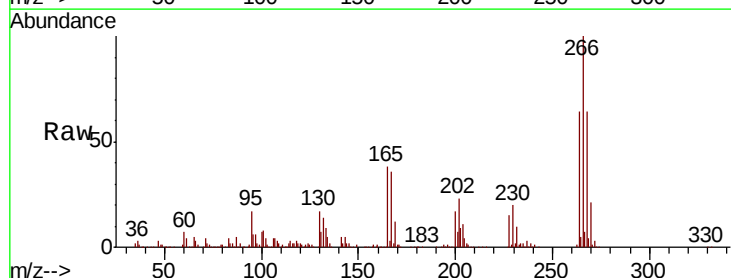
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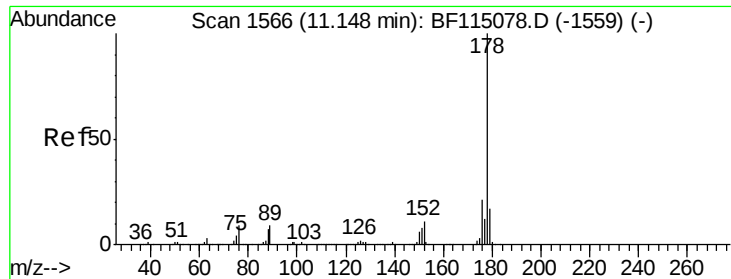
mohammad
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#70
Pentachlorophenol
Concen: 88.092 ng
RT: 10.92 min Scan# 1528
Delta R.T. 0.02 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.8	49.5	74.3	
264	63.6	49.3	73.9	





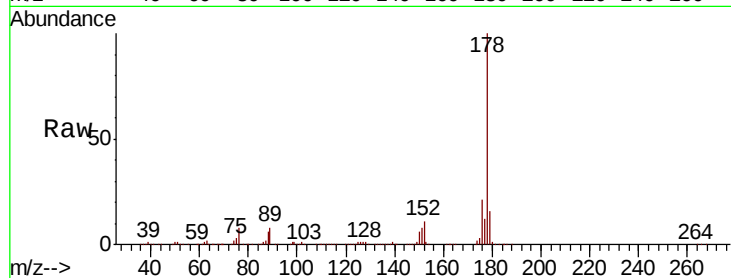
#71
Phenanthrene
Concen: 43.754 ng
RT: 11.14 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

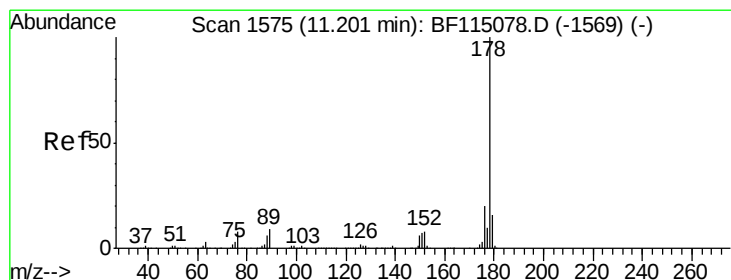
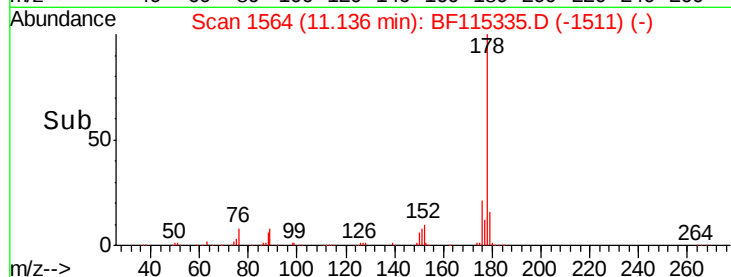
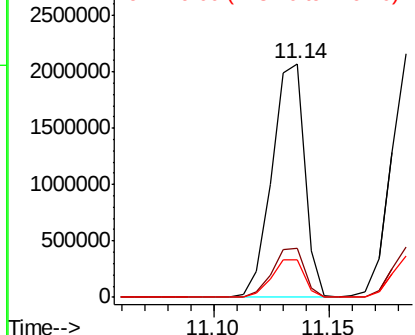
Tot Ion:178 Resp: 2037878
Ion Ratio Lower Upper
178 100
176 20.9 16.9 25.3
179 16.1 13.2 19.8

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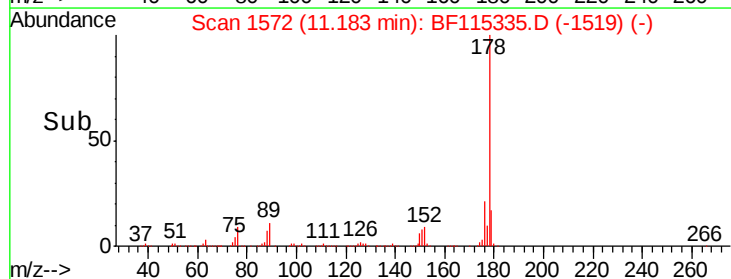
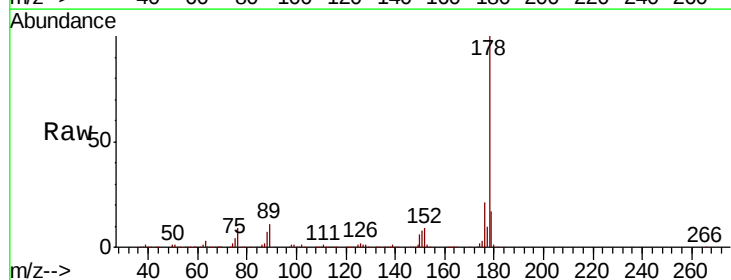
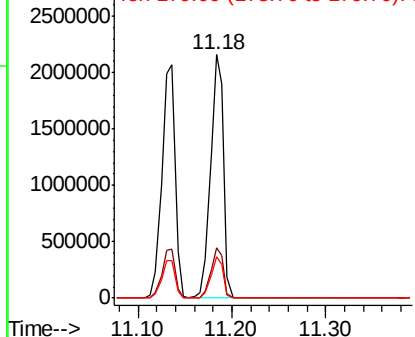
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

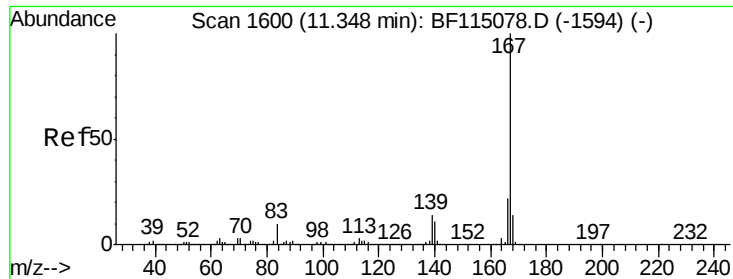


#72
Anthracene
Concen: 44.795 ng
RT: 11.18 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:178 Resp: 2106063
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.9 12.9 19.3

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





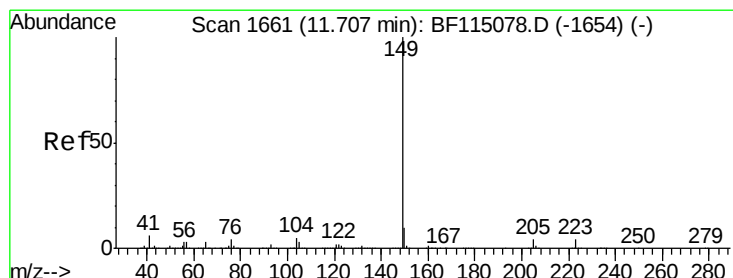
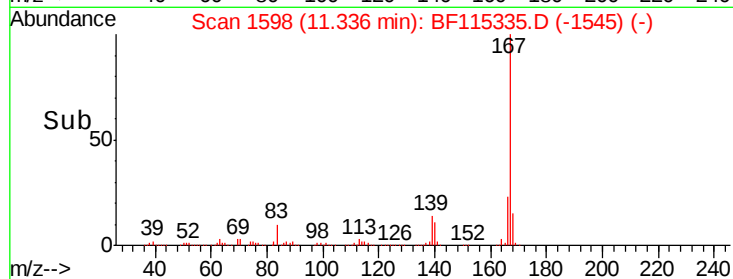
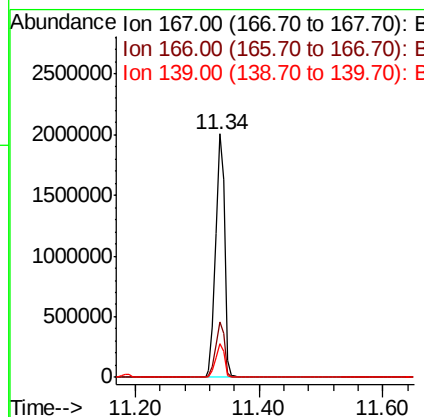
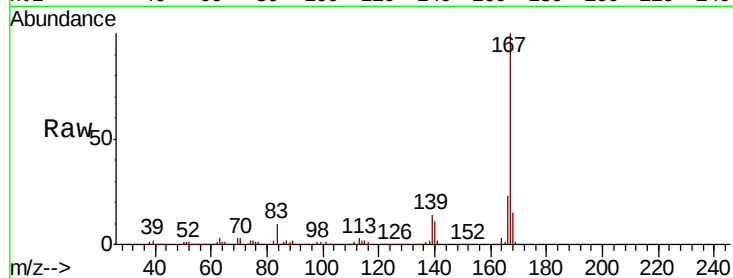
#73
 Carbazole
 Concen: 46.399 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB120926BS

Tot Ion:167 Resp: 1947973
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.1 11.1 16.7

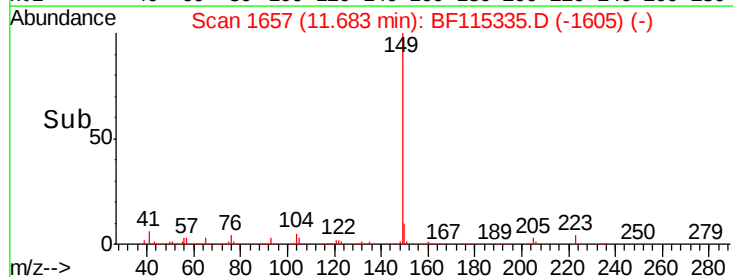
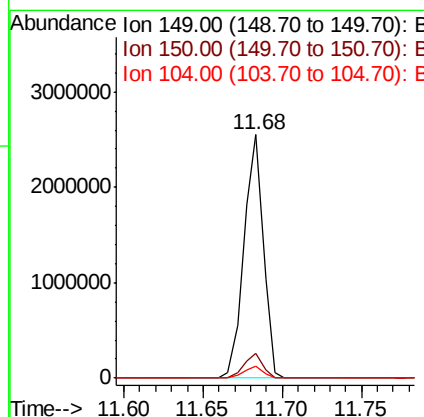
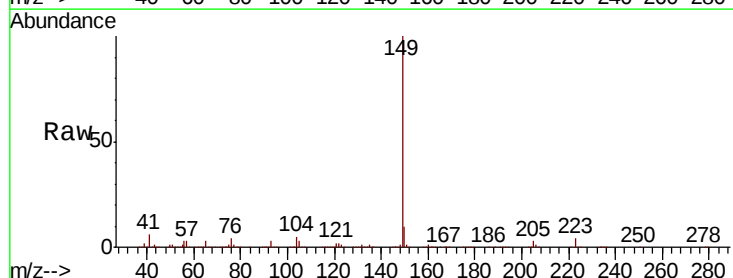
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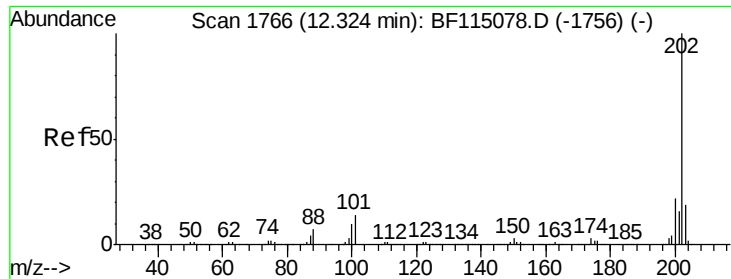
mohammad
 7/2/2019 2:53:30 PM



#74
 Di-n-butylphthalate
 Concen: 44.363 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.01 min
 Lab File: BF115335.D
 Acq: 1 Jul 2019 13:32

Tgt Ion:149 Resp: 2152213
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5





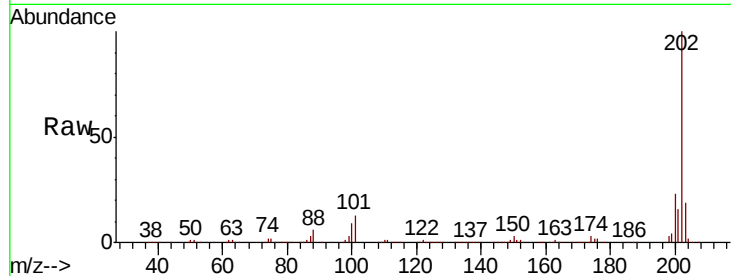
#75
Fluoranthene
Concen: 45.561 ng
RT: 12.31 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.0
203	18.7	0.0	38.8

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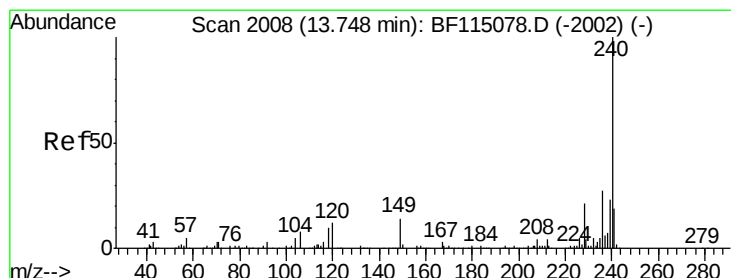
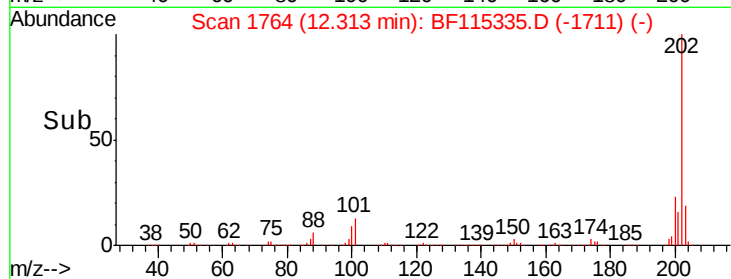
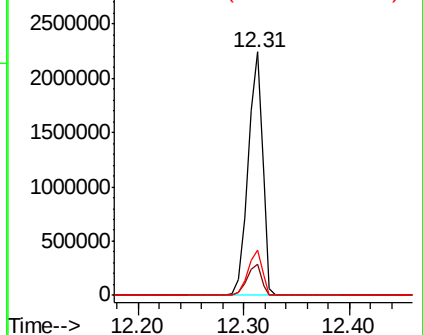


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

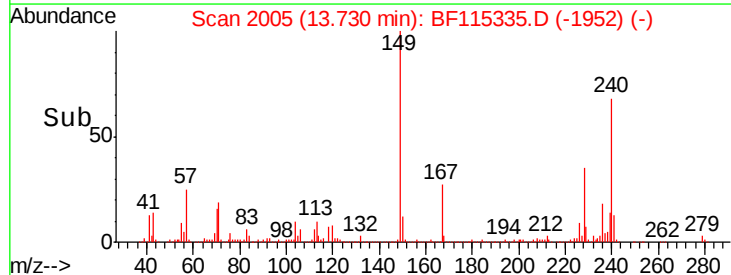
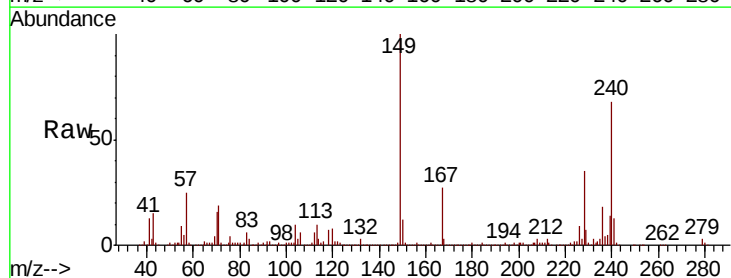
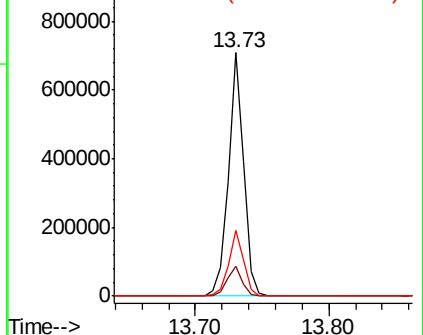
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	26.8	21.7	32.5

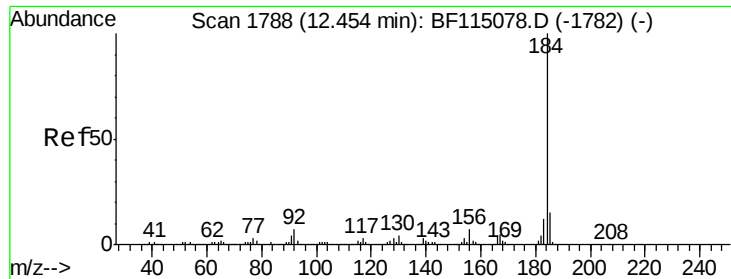
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.446 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion:184 Resp: 671704

Ion Ratio Lower Upper

184 100

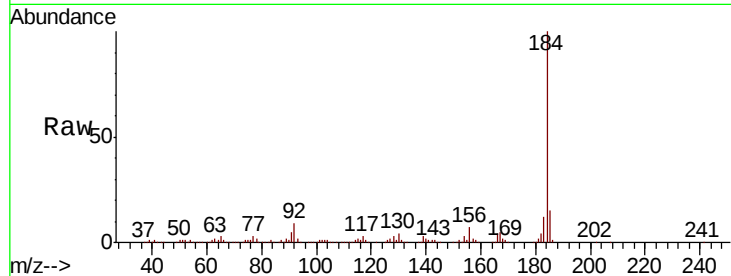
185 14.9 12.2 18.2

183 11.8 9.6 14.4

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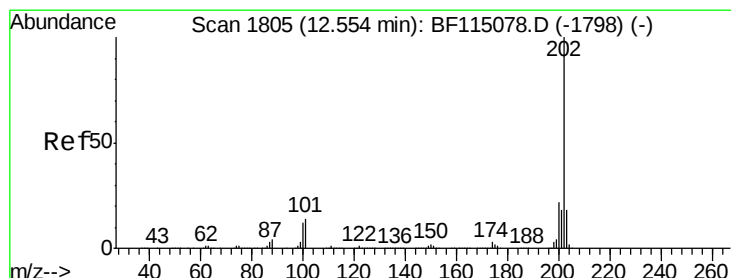
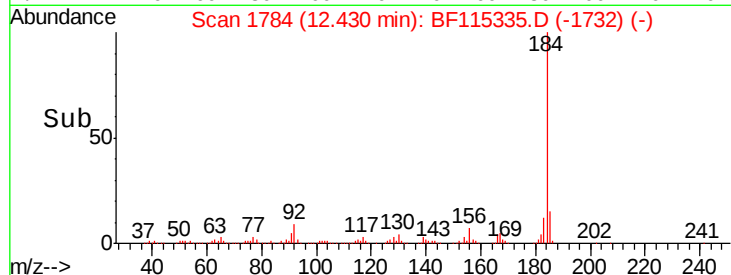
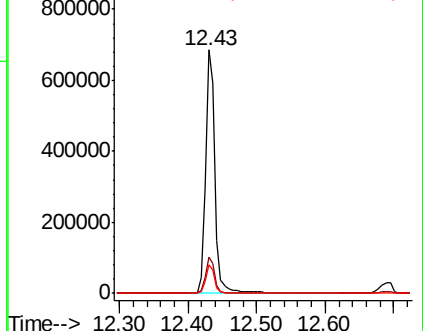
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.301 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

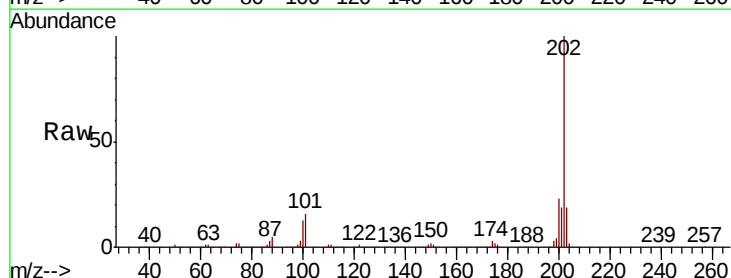
Tgt Ion:202 Resp: 2167197

Ion Ratio Lower Upper

202 100

200 23.1 17.9 26.9

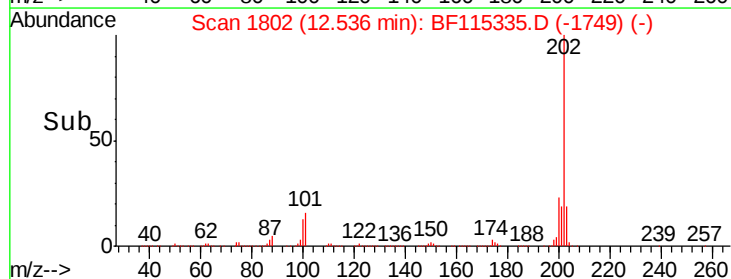
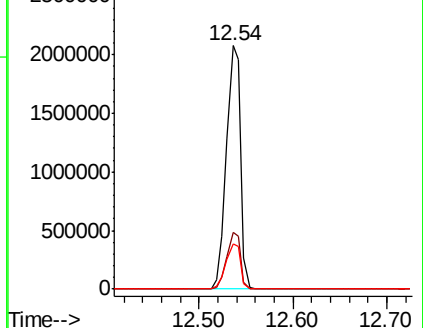
203 18.6 14.6 21.8



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: 99.474 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion:244 Resp: 2676155

Ion Ratio Lower Upper

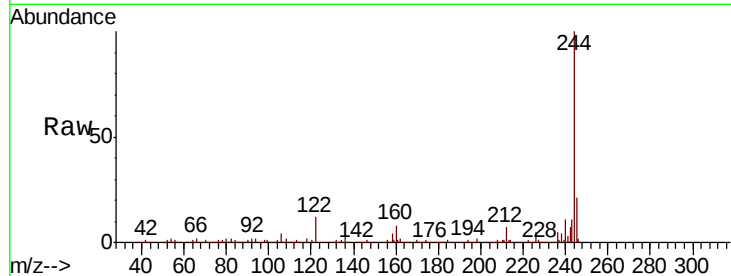
244 100

212 7.2 5.8 8.6

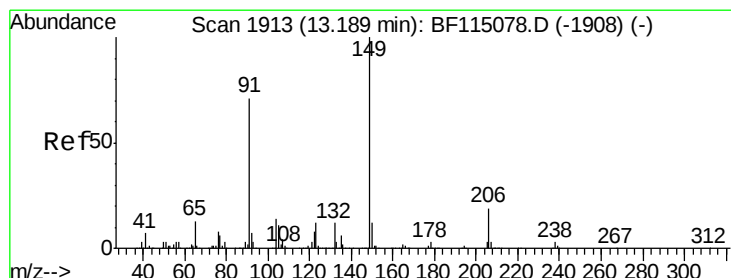
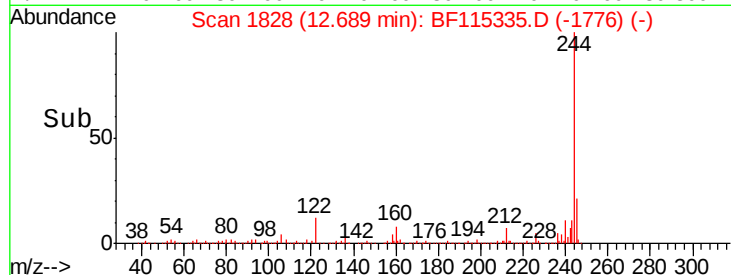
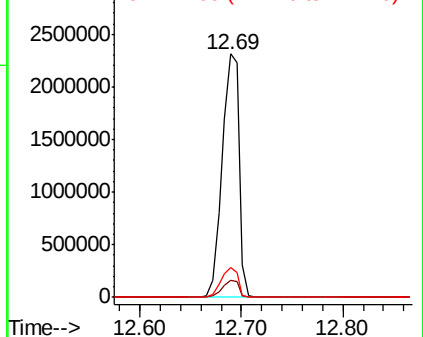
122 12.5 10.4 15.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.605 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

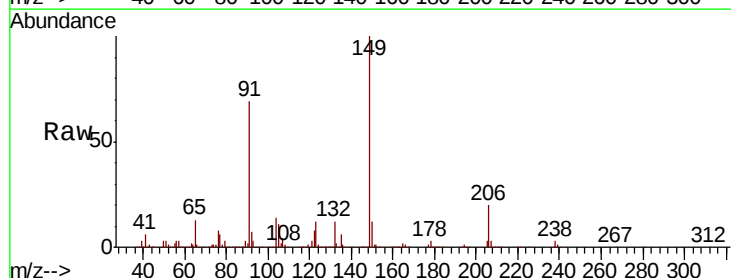
Tgt Ion:149 Resp: 981695

Ion Ratio Lower Upper

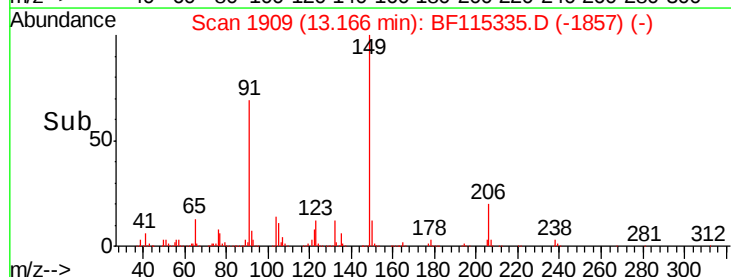
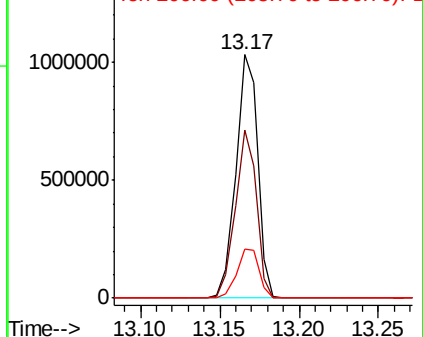
149 100

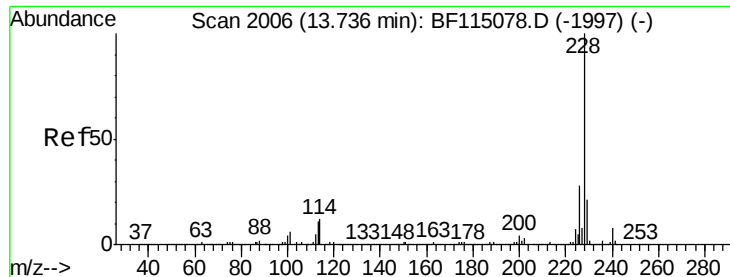
91 69.1 56.5 84.7

206 20.3 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.850 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion:228 Resp: 1963885

Ion Ratio Lower Upper

228 100

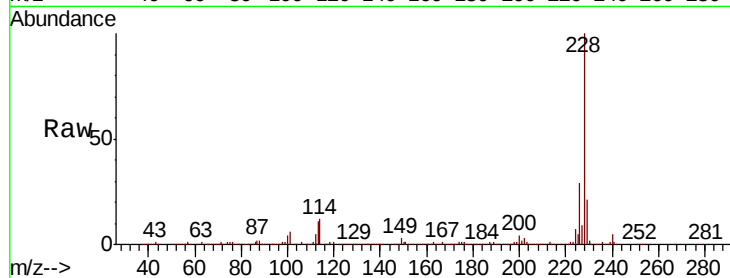
226 28.8 22.5 33.7

229 21.3 16.6 24.8

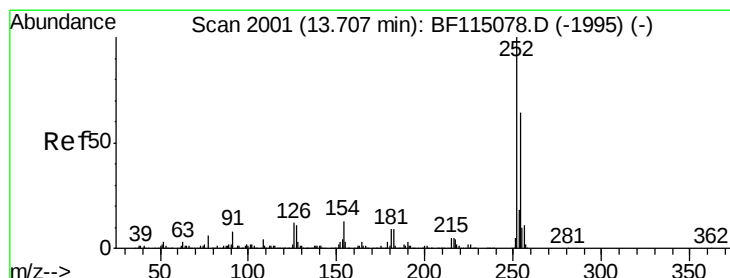
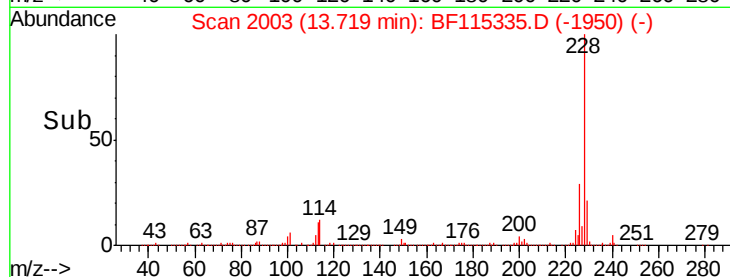
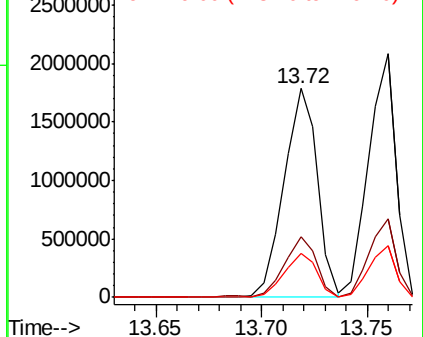
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.052 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Tgt Ion:252 Resp: 563975

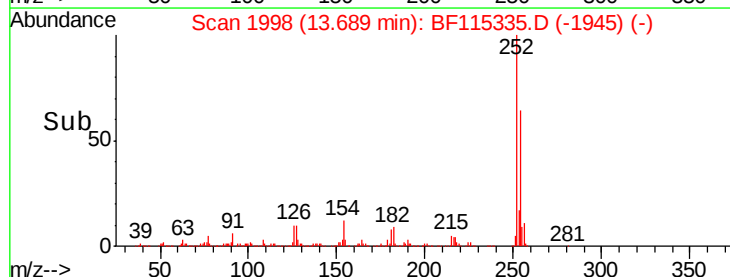
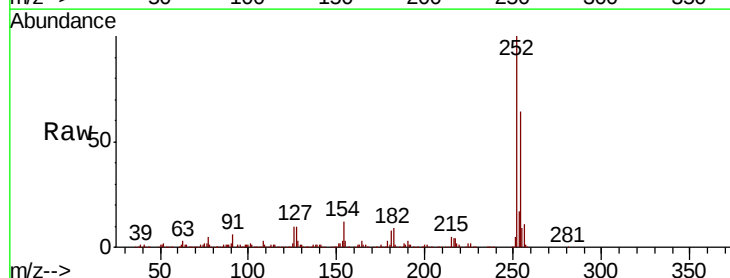
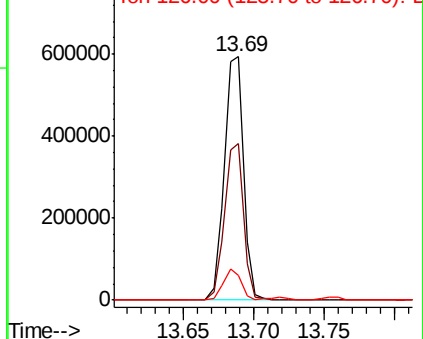
Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

126 10.1 9.4 14.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





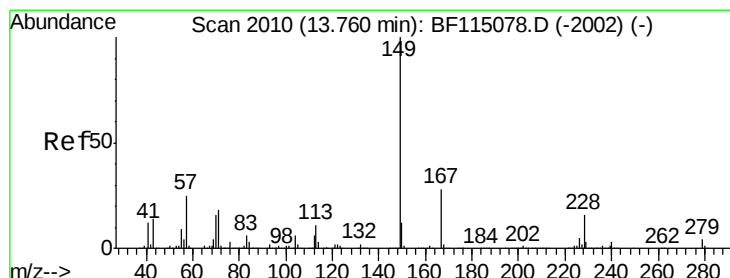
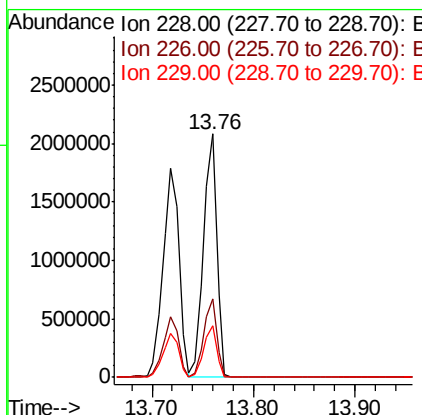
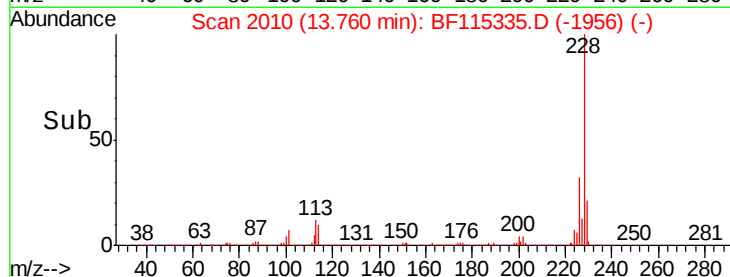
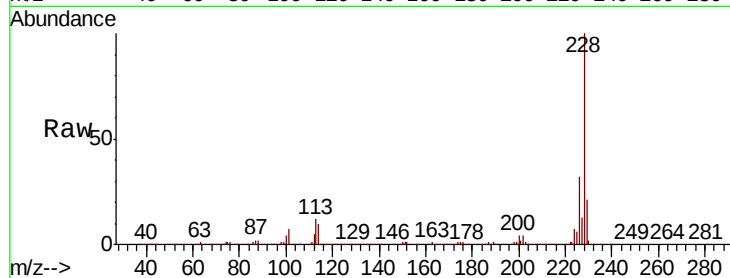
#83
Chrysene
Concen: 50.723 ng
RT: 13.76 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion:228 Resp: 1906990
Ion Ratio Lower Upper
228 100
226 32.3 25.4 38.0
229 21.1 16.5 24.7

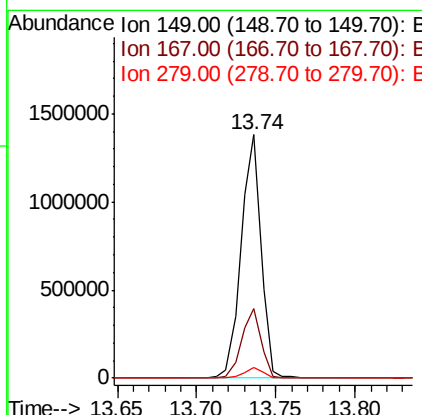
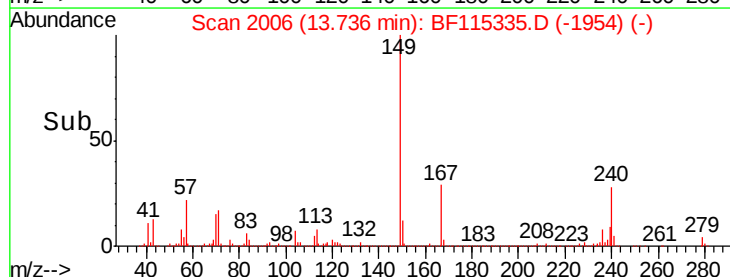
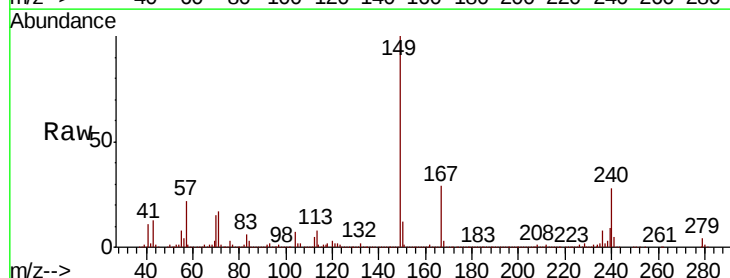
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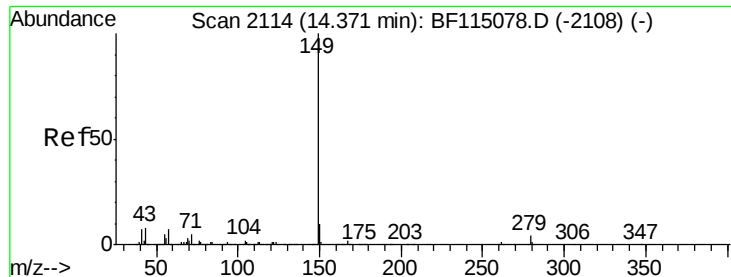
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.019 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion:149 Resp: 1195188
Ion Ratio Lower Upper
149 100
167 28.7 22.2 33.4
279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 50.564 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB120926BS

Tot Ion:149 Resp: 2159520

Ion Ratio Lower Upper

149 100

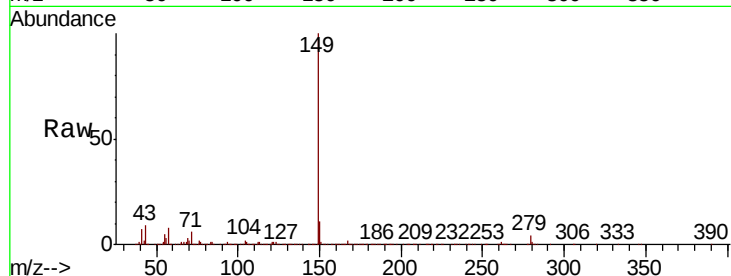
167 1.6 1.2 1.8

43 8.5 7.0 10.6

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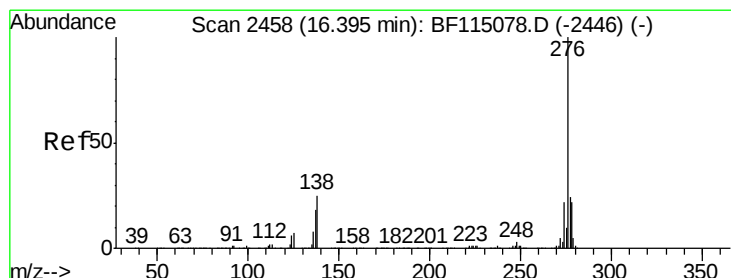
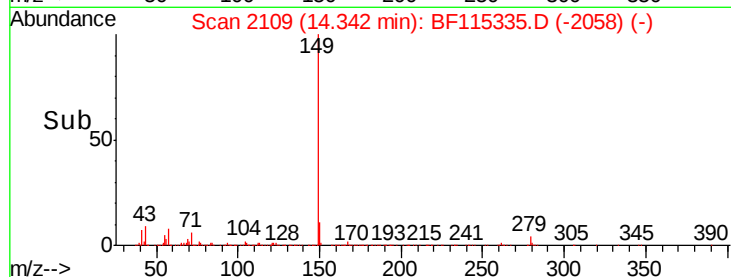
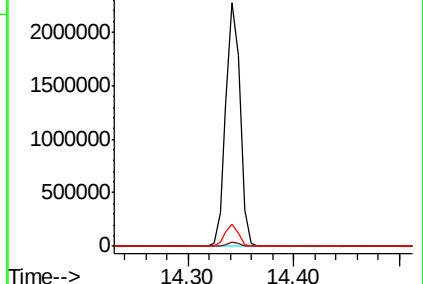
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 53.514 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.03 min

Lab File: BF115335.D

Acq: 1 Jul 2019 13:32

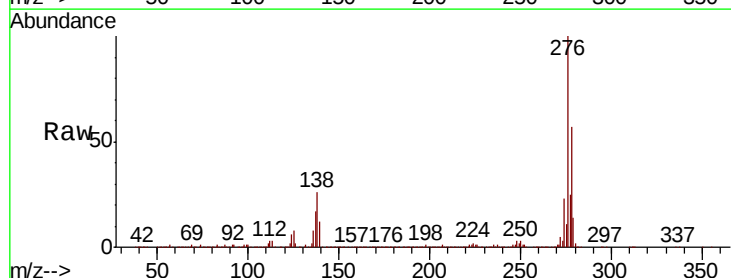
Tgt Ion:276 Resp: 2380682

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

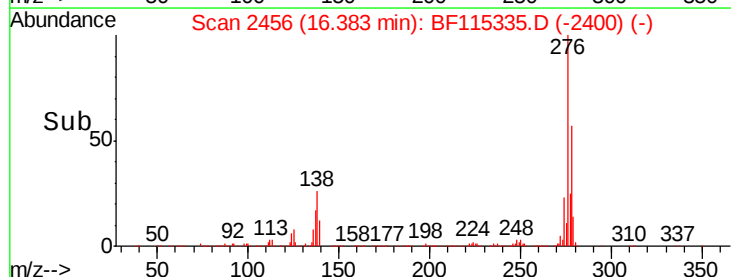
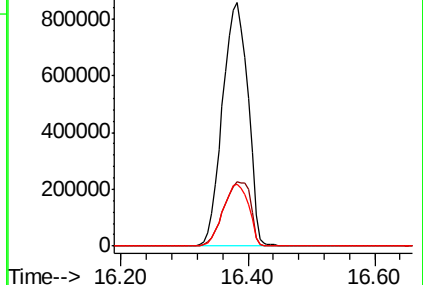
277 25.8 20.1 30.1

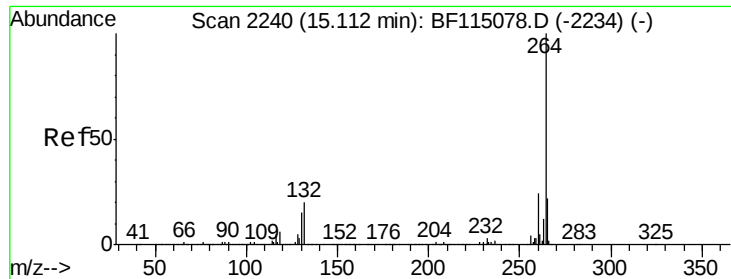


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





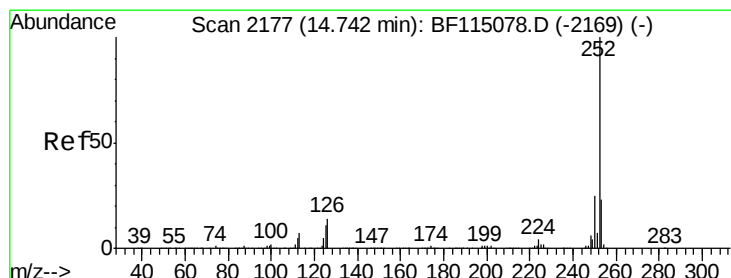
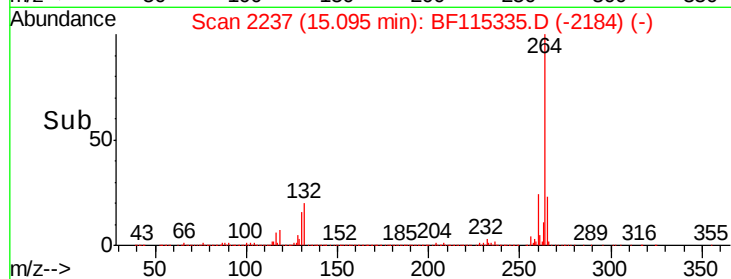
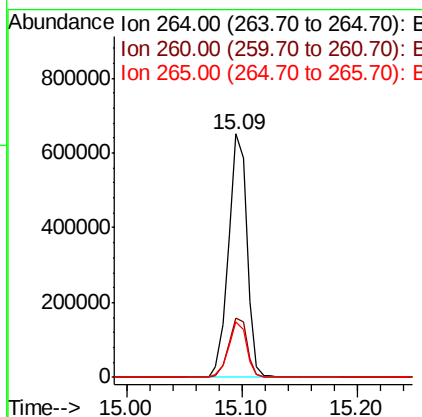
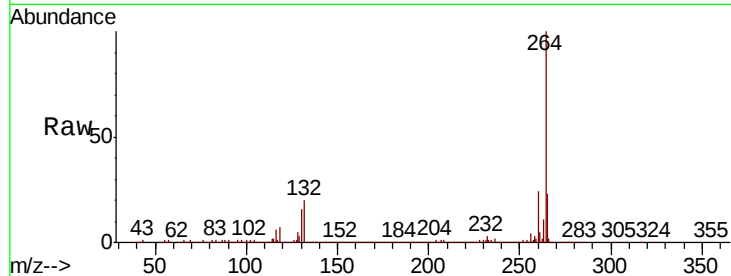
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.8	17.3	25.9

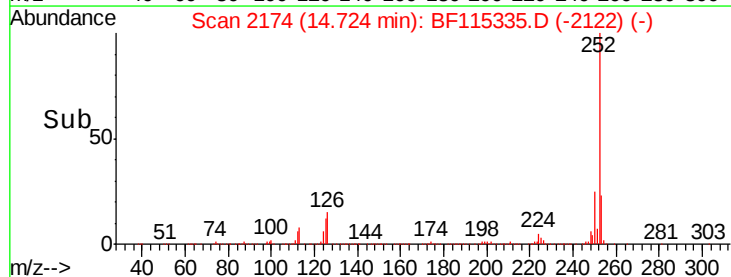
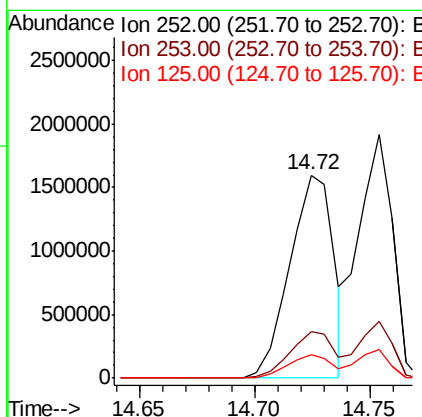
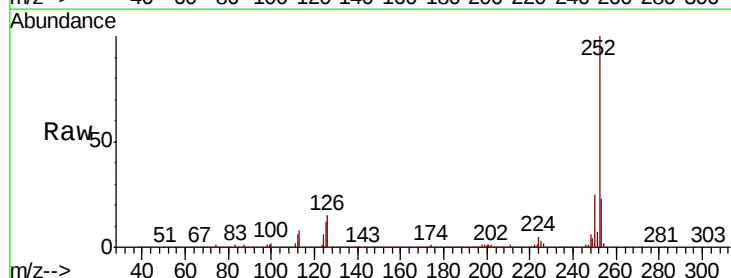
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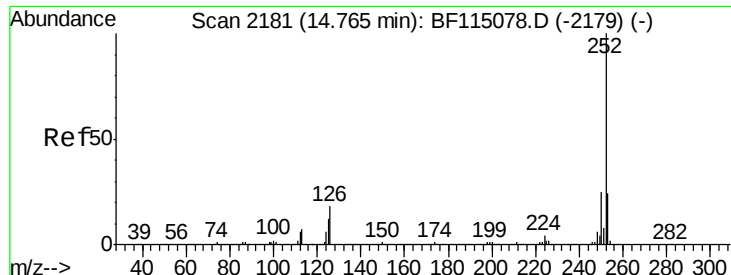
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#88
Benzo(b)fluoranthene
Concen: 46.651 ng
RT: 14.72 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.8	8.7	13.1





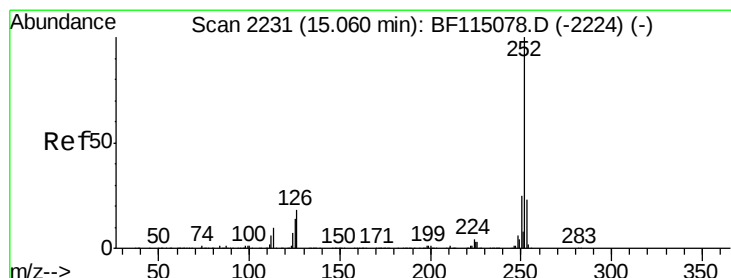
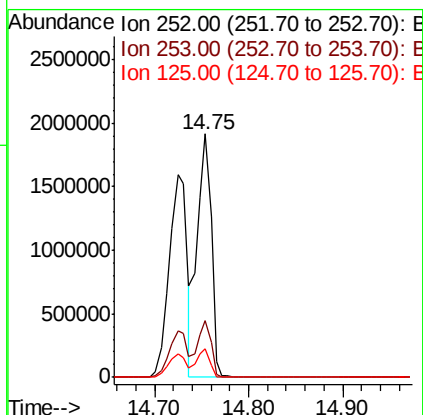
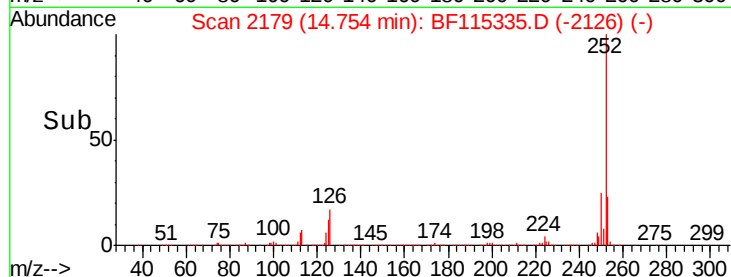
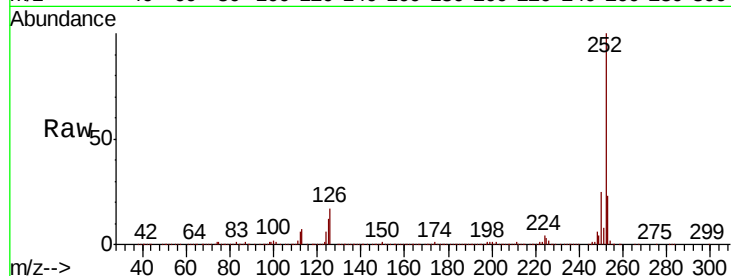
#89
Benzo(k)fluoranthene
Concen: 48.941 ng
RT: 14.75 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	11.9	10.2	15.2

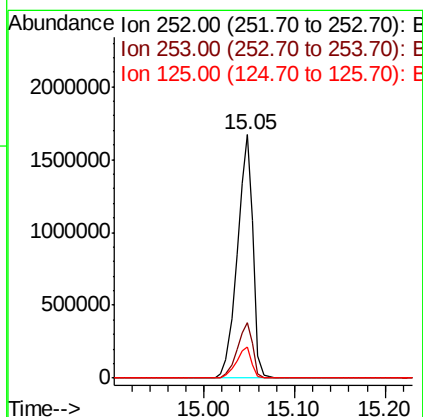
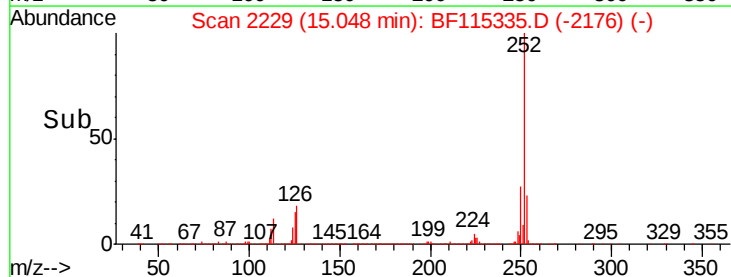
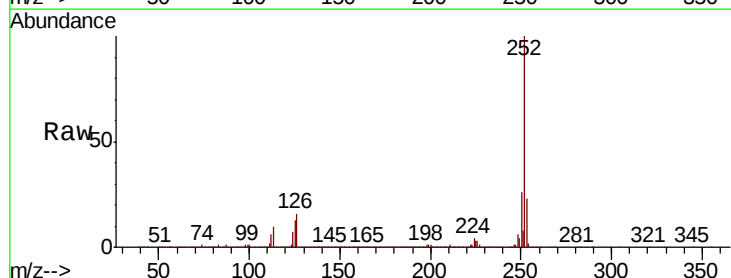
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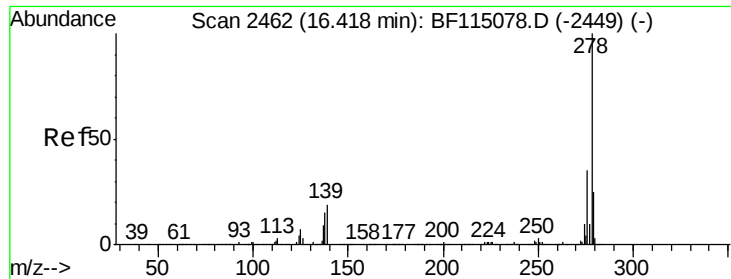
mohammad
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#90
Benzo(a)pyrene
Concen: 49.825 ng
RT: 15.05 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	13.0	10.9	16.3





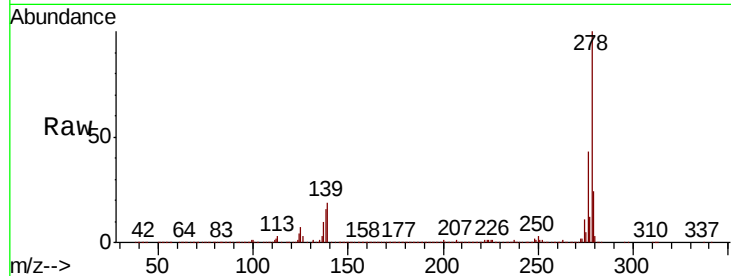
#91
Dibenzo(a,h)anthracene
Concen: 50.958 ng
RT: 16.40 min Scan# 2459
Delta R.T. 0.03 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB120926BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.4	23.2
279	24.4	19.9	29.9

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7/2/2019 2:53:30 PM

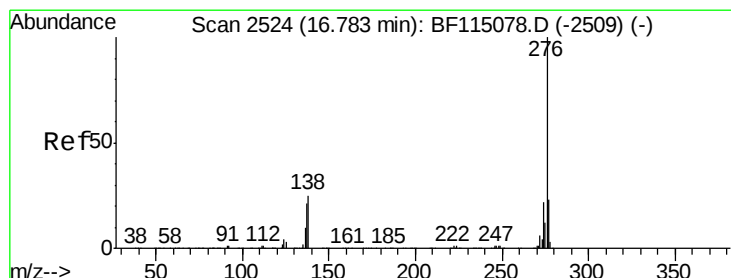
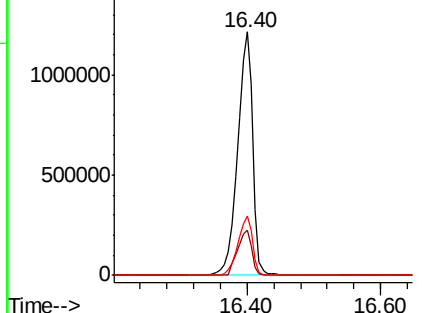
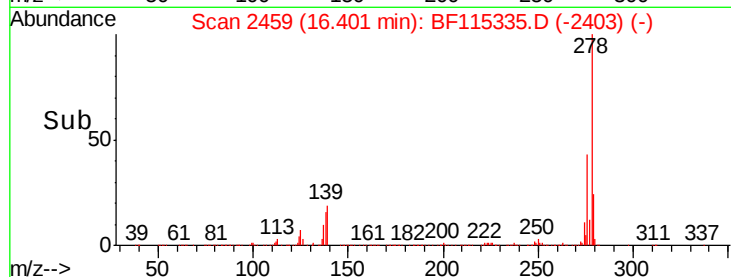


Abundance

Ion 278.00 (277.70 to 278.70): E

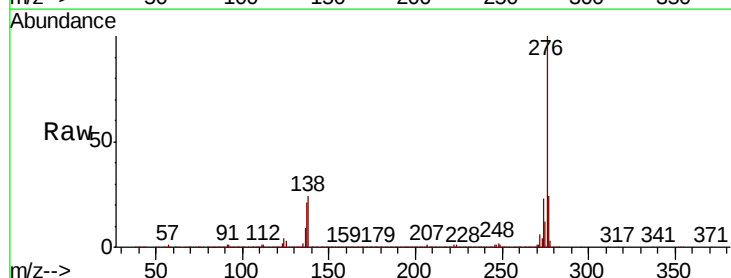
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.994 ng
RT: 16.77 min Scan# 2522
Delta R.T. 0.04 min
Lab File: BF115335.D
Acq: 1 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	24.1	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

