

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115269.D
 Acq On : 28 Jun 2019 9:36
 Operator : HP/JU
 Sample : PB120890BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Manual Integrations
 APPROVED

mohammad
 7/1/2019 3:05:31 PM

Quant Time: Jun 29 04:13:23 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	217963	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	853672	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	422532	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	829698	20.00	ng	0.00
76) Chrysene-d12	13.72	240	570857	20.00	ng	0.00
87) Perylene-d12	15.08	264	706476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1595940	112.99	ng	0.02
7) Phenol-d6	6.25	99	1913222	111.60	ng	0.01
23) Nitrobenzene-d5	7.17	82	1145431	82.54	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	597687	134.14	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2238271	89.98	ng	0.00
79) Terphenyl-d14	12.68	244	2444540	91.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	260520	39.082	ng	99
3) Pyridine	2.90	79	665984	35.447	ng	97
4) n-Nitrosodimethylamine	2.84	42	268898	36.508	ng	97
6) Aniline	6.26	93	645784	27.408	ng	# 14
8) 2-Chlorophenol	6.39	128	651571	41.025	ng	97
9) Benzaldehyde	6.14	77	376218	33.637	ng	96
10) Phenol	6.26	94	749523	37.324	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	595656	40.239	ng	100
12) 1,3-Dichlorobenzene	6.54	146	710539	40.312	ng	99
13) 1,4-Dichlorobenzene	6.62	146	721165	40.801	ng	99
14) 1,2-Dichlorobenzene	6.77	146	673672	41.157	ng	99
15) Benzyl Alcohol	6.75	79	492439	39.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	841653	39.202	ng	98
17) 2-Methylphenol	6.87	107	552573	42.151	ng	99
18) Hexachloroethane	7.11	117	258359	40.545	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	419423	38.214	ng	99
20) 3+4-Methylphenols	7.02	107	633605	41.857	ng	# 86
22) Acetophenone	7.01	105	866533	44.339	ng	# 96
24) Nitrobenzene	7.18	77	658674	43.083	ng	97
25) Isophorone	7.42	82	1214663	42.727	ng	99
26) 2-Nitrophenol	7.50	139	368611	48.822	ng	98
27) 2,4-Dimethylphenol	7.55	122	613555	49.633	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	773908	43.071	ng	98
29) 2,4-Dichlorophenol	7.74	162	574891	45.064	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	624802	44.339	ng	98
31) Naphthalene	7.91	128	1884346	44.968	ng	99
32) Benzoic acid	7.68	122	445587	50.497	ng	98
33) 4-Chloroaniline	7.95	127	498716	26.041	ng	98
34) Hexachlorobutadiene	8.03	225	340230	44.059	ng	99
35) Caprolactam	8.32	113	189800m	44.252	ng	
36) 4-Chloro-3-methylphenol	8.44	107	571903	44.267	ng	98
37) 2-Methylnaphthalene	8.60	142	1286506	45.533	ng	99
38) 1-Methylnaphthalene	8.70	142	1202898	44.577	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	540018	45.228	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	686666	96.987	nq	99
43) 2,4,6-Trichlorophenol	8.87	196	419654	45.525	nq	99
44) 2,4,5-Trichlorophenol	8.91	196	438427	46.185	nq	97
46) 1,1'-Biphenyl	9.06	154	1507552	44.591	nq	98
47) 2-Chloronaphthalene	9.08	162	1211567	44.179	nq	98
48) 2-Nitroaniline	9.17	65	345151	43.170	nq	96
49) Acenaphthylene	9.49	152	1903970	44.561	nq	99
50) Dimethylphthalate	9.37	163	1372282	44.144	nq	99
51) 2,6-Dinitrotoluene	9.42	165	326323	45.468	nq	95
52) Acenaphthene	9.67	154	1105912	41.363	nq	99
53) 3-Nitroaniline	9.58	138	250336	28.583	nq	98
54) 2,4-Dinitrophenol	9.69	184	376402	99.910	nq	91
55) Dibenzofuran	9.84	168	1655138	43.131	nq	99
56) 4-Nitrophenol	9.75	139	587919	83.732	nq	95
57) 2,4-Dinitrotoluene	9.82	165	430088	46.411	nq	94
58) Fluorene	10.18	166	1170857	45.969	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	371770	46.705	nq	98
60) Diethylphthalate	10.07	149	1376321	44.044	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	572907	47.575	nq	99
62) 4-Nitroaniline	10.20	138	367957	41.879	nq	98
63) Azobenzene	10.33	77	1259179	43.142	nq	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	230263	51.729	nq	86
66) n-Nitrosodiphenylamine	10.29	169	1152401	44.582	nq	100
67) 4-Bromophenyl-phenylether	10.65	248	404687	44.987	nq	98
68) Hexachlorobenzene	10.72	284	434951	44.545	nq	97
69) Atrazine	10.82	200	375789	45.193	nq	99
70) Pentachlorophenol	10.91	266	538369	86.548	nq	96
71) Phenanthrene	11.12	178	1888051	42.265	nq	100
72) Anthracene	11.18	178	1930481	42.811	nq	99
73) Carbazole	11.33	167	1737662	43.154	nq	99
74) Di-n-butylphthalate	11.68	149	2097156	45.071	nq	99
75) Fluoranthene	12.31	202	1936400	43.445	nq	97
77) Benzidine	12.43	184	1057944	41.736	nq	100
78) Pyrene	12.53	202	1968836	44.878	nq	98
80) Butylbenzylphthalate	13.17	149	933005	48.191	nq	92
81) Benzo(a)anthracene	13.71	228	1814186	44.291	nq	100
82) 3,3'-Dichlorobenzidine	13.68	252	488792	33.045	nq	99
83) Chrysene	13.75	228	1738763	46.341	nq	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1266303	49.916	nq	100
85) Di-n-octyl phthalate	14.34	149	2151386	50.474	nq	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2125611	47.876	nq	99
88) Benzo(b)fluoranthene	14.72	252	1972331	44.742	nq	99
89) Benzo(k)fluoranthene	14.74	252	1610560	40.741	nq	99
90) Benzo(a)pyrene	15.04	252	1802038	45.355	nq	99
91) Dibenzo(a,h)anthracene	16.38	278	1726271	46.540	nq	99
92) Benzo(g,h,i)perylene	16.74	276	1787448	47.613	nq	98

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



#1

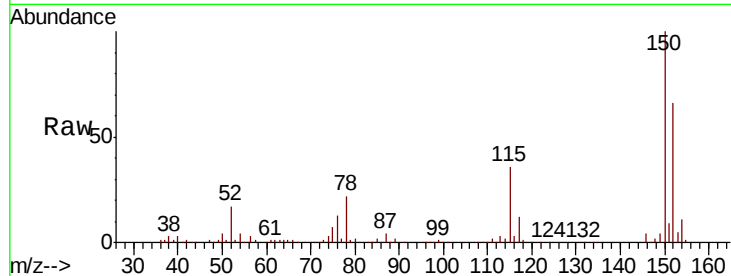
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.2	186.2
115	54.9	46.1	69.1

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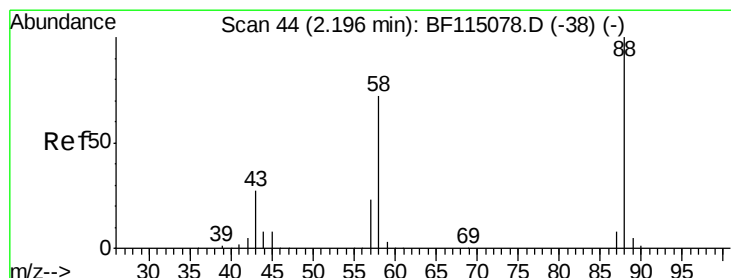
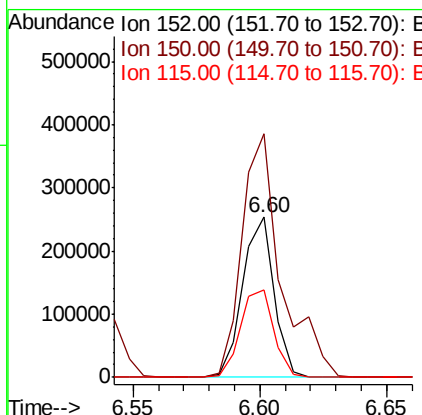
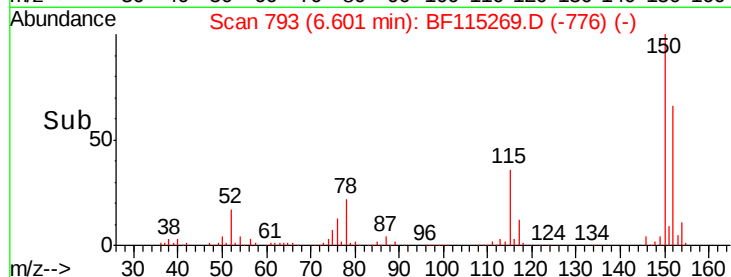


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

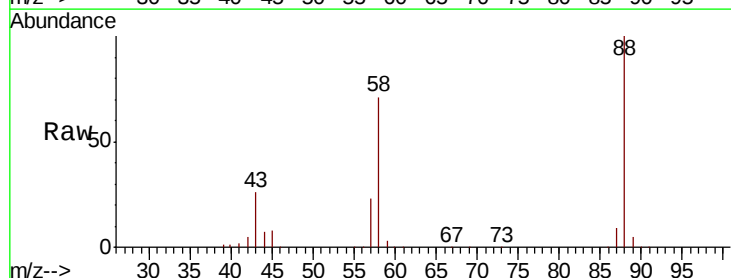
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.082 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	56.1	84.1
43	25.9	21.3	31.9

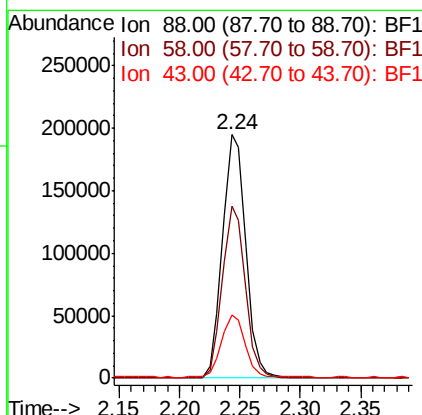
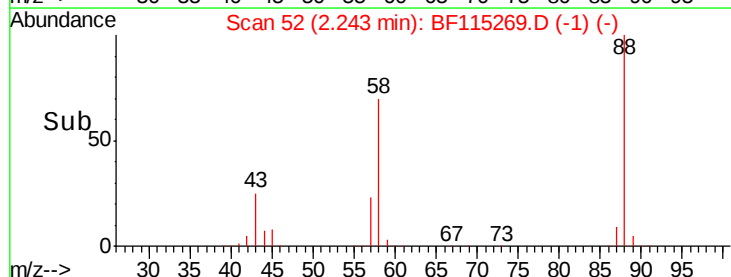


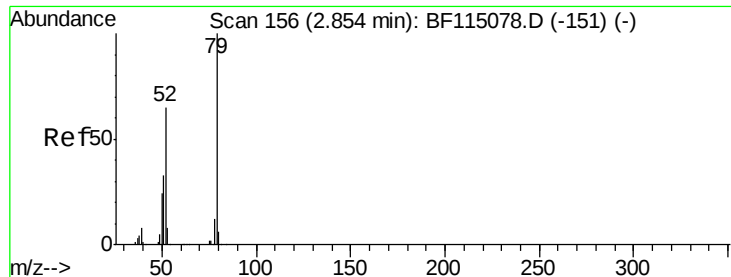
Abundance

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: 35.447 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

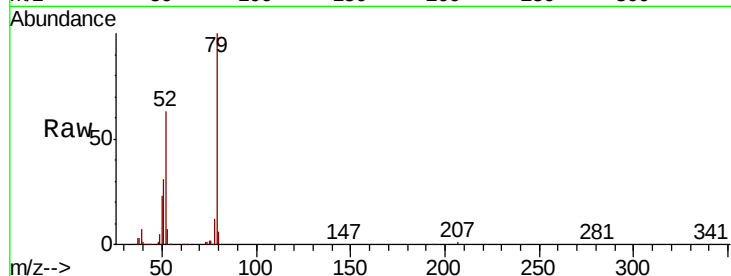
ClientSampleId :

PB120890BSD

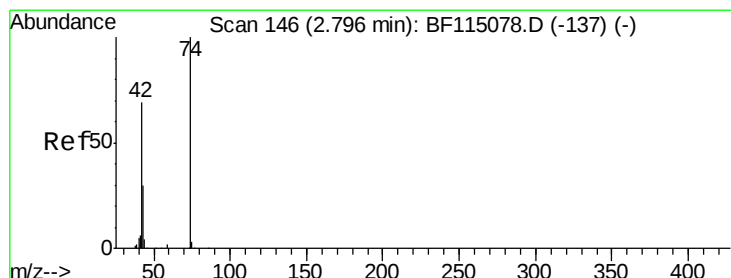
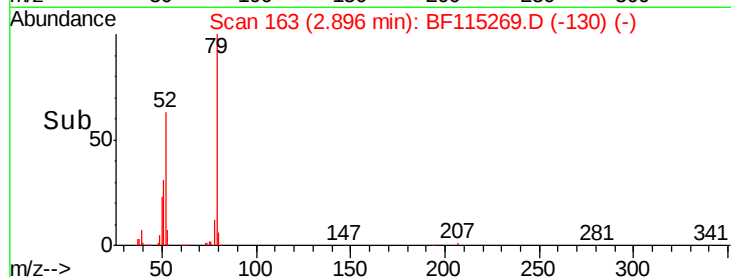
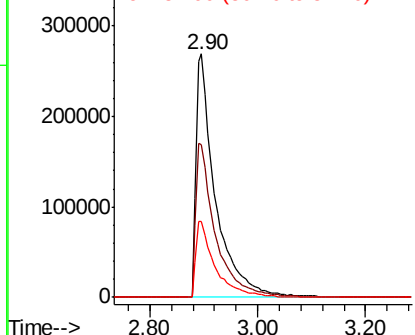
Tot Ion:	79	Resp:	665984
Ion	Ratio	Lower	Upper
79	100		
52	62.7	52.3	78.5
51	31.1	26.1	39.1

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.508 ng

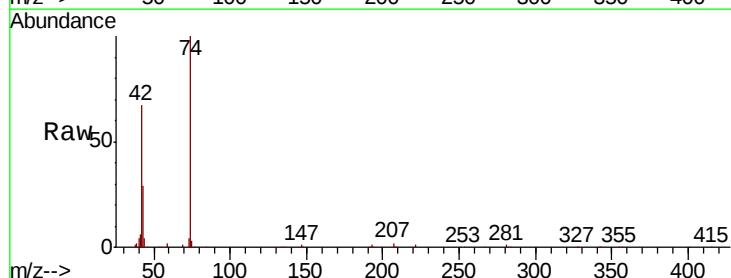
RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

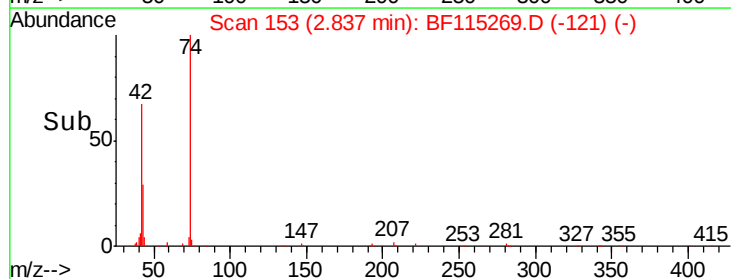
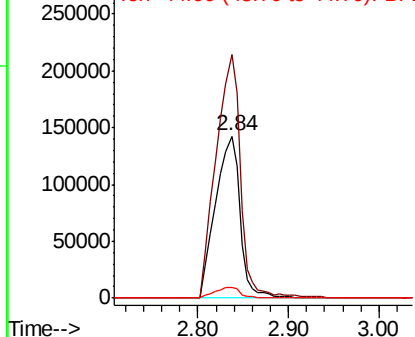
Lab File: BF115269.D

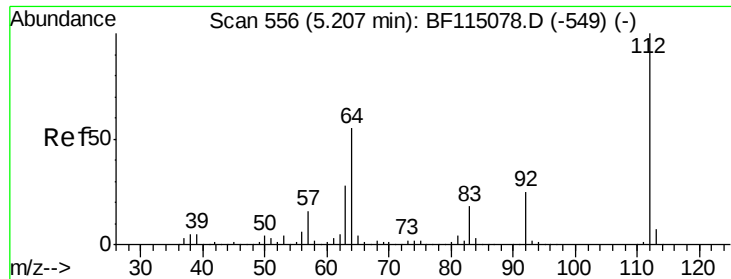
Acq: 28 Jun 2019 9:36

Tgt Ion:	42	Resp:	268898
Ion	Ratio	Lower	Upper
42	100		
74	150.0	116.6	175.0
44	6.5	5.3	7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.992 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion: 112 Resp: 1595940

Ion Ratio Lower Upper

112 100

64 54.4 43.8 65.6

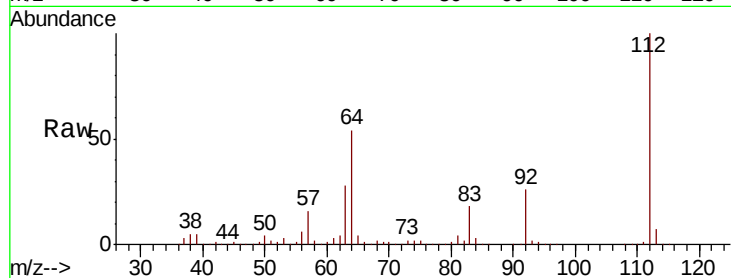
63 28.1 22.2 33.4

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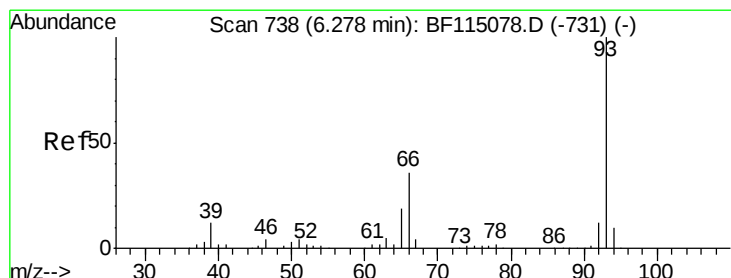
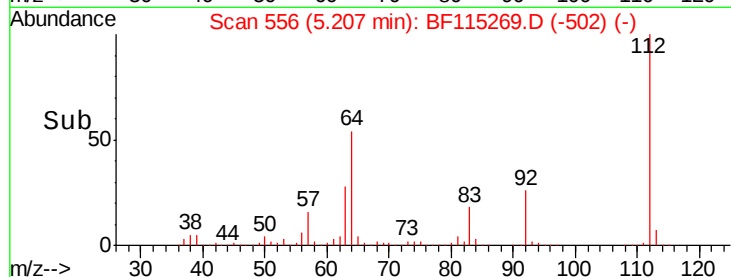
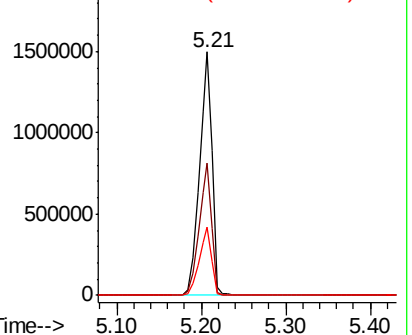
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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)

Ion 64.00 (63.70 to 64.70): BF115078.D (-549) (-)

Ion 63.00 (62.70 to 63.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 27.408 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

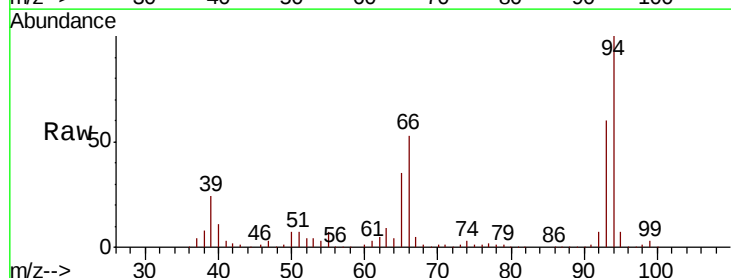
Tgt Ion: 93 Resp: 645784

Ion Ratio Lower Upper

93 100

66 88.6 30.0 45.0#

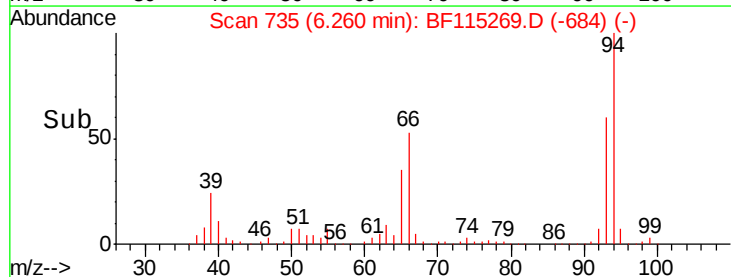
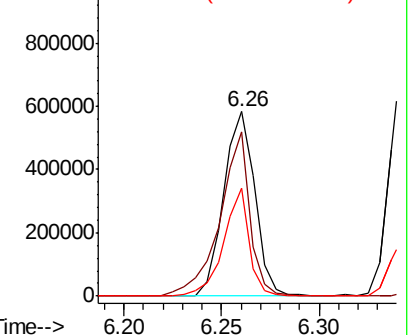
65 58.7 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)

Ion 66.00 (65.70 to 66.70): BF115078.D (-731) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 111.600 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion: 99 Resp: 1913222

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

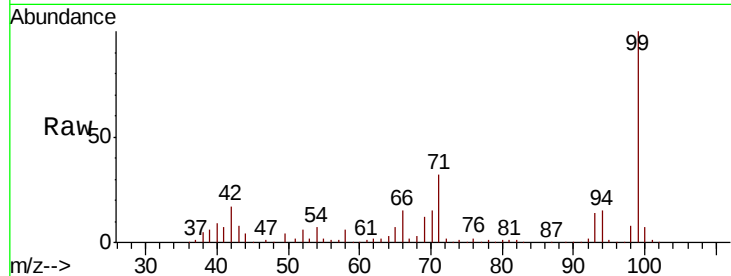
71 32.4 25.5 38.3

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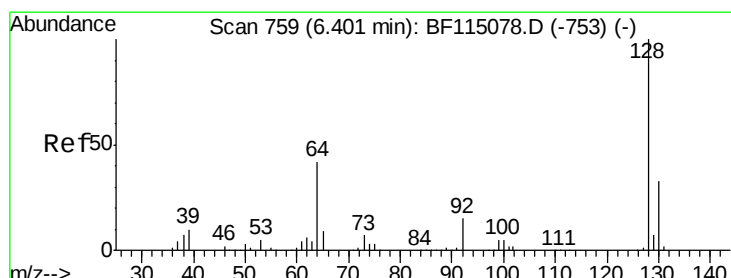
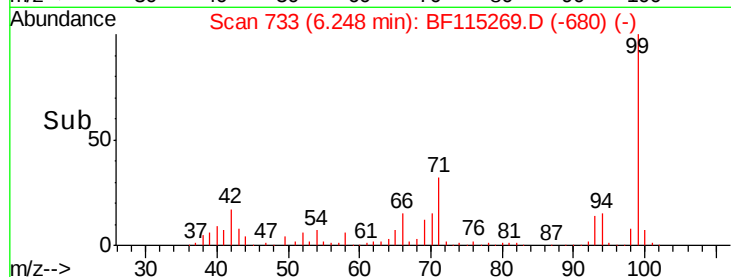
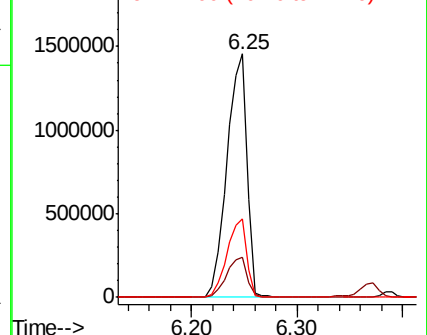
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.025 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

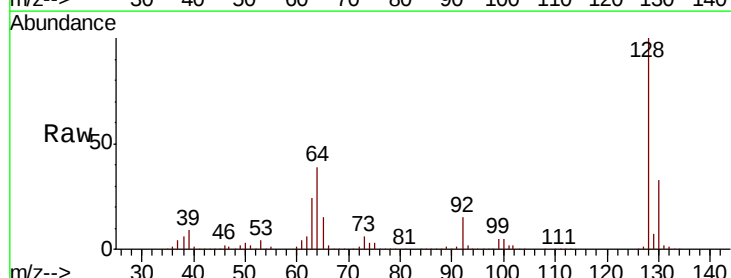
Tgt Ion:128 Resp: 651571

Ion Ratio Lower Upper

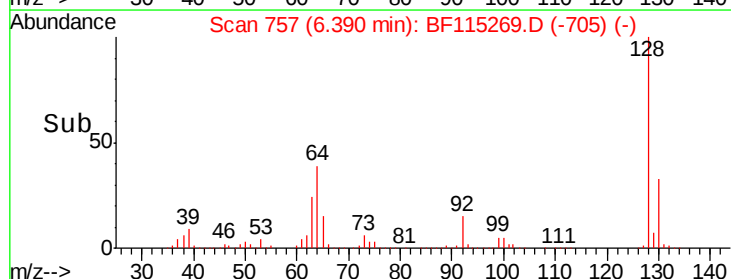
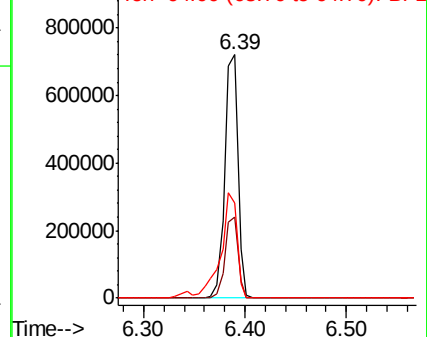
128 100

130 33.2 12.9 52.9

64 39.3 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
1000000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.637 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

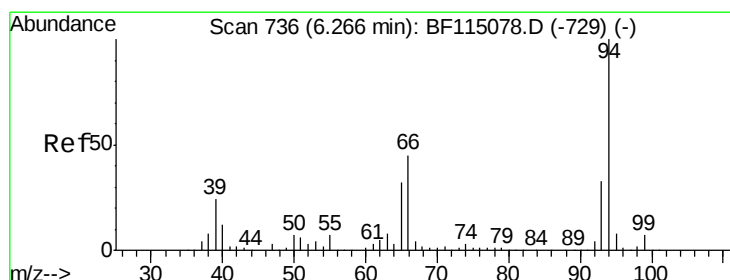
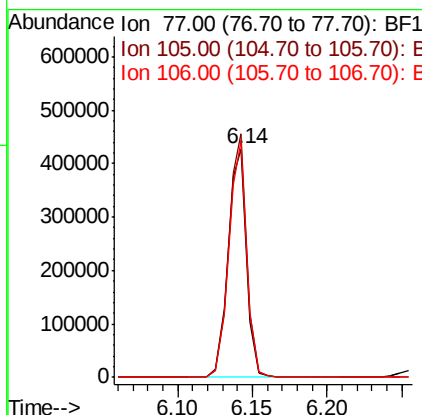
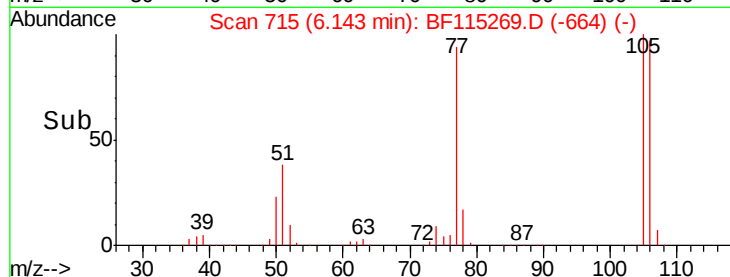
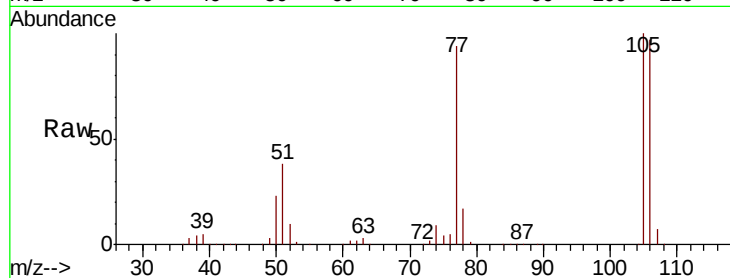
ClientSampleId :

PB120890BSD

Tot Ion:	77	Resp:	376218
Ion	Ratio	Lower	Upper
77	100		
105	106.5	81.5	121.5
106	103.2	79.7	119.7

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#10

Phenol

Concen: 37.324 ng

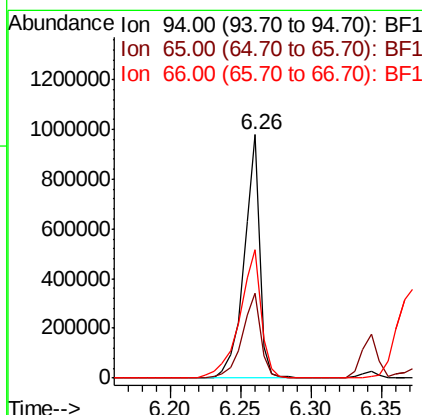
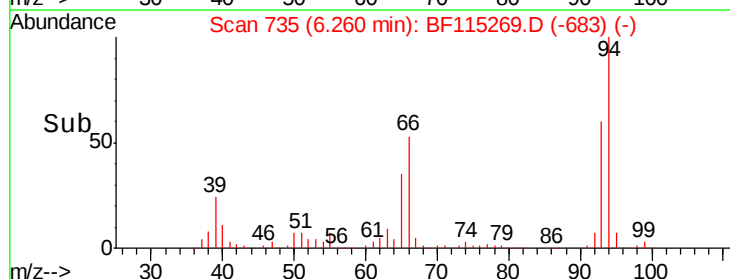
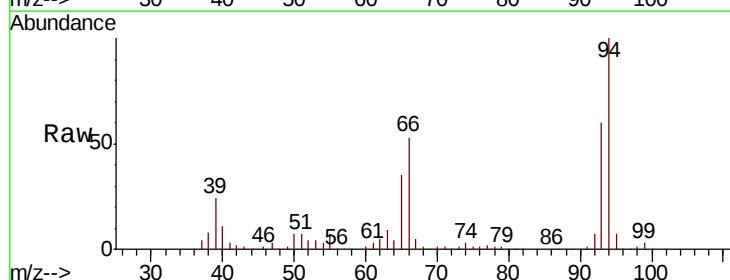
RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Tgt Ion:	94	Resp:	749523
Ion	Ratio	Lower	Upper
94	100		
65	35.0	11.9	51.9
66	52.9	25.2	65.2





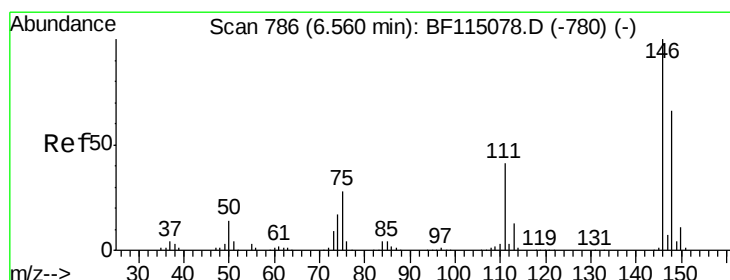
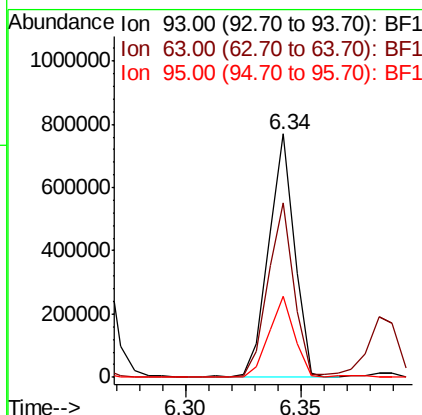
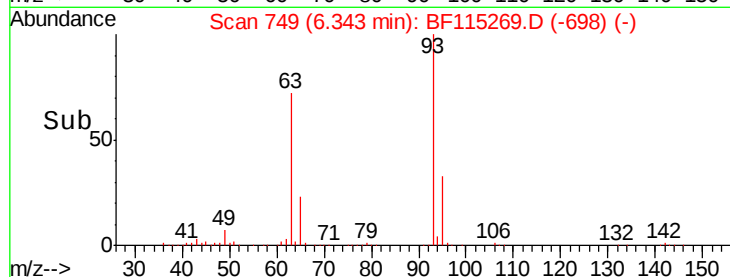
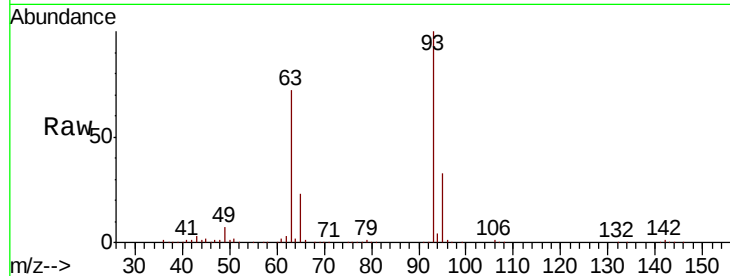
#11
bis(2-Chloroethyl)ether
Concen: 40.239 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	71.7	51.5	91.5
95	33.0	13.4	53.4

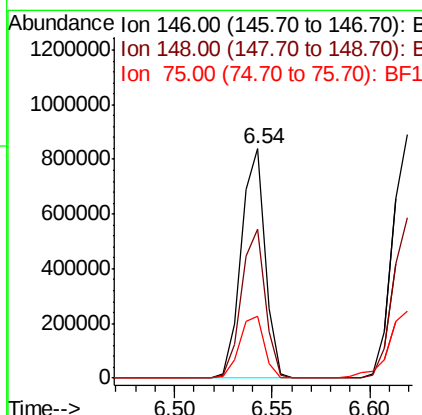
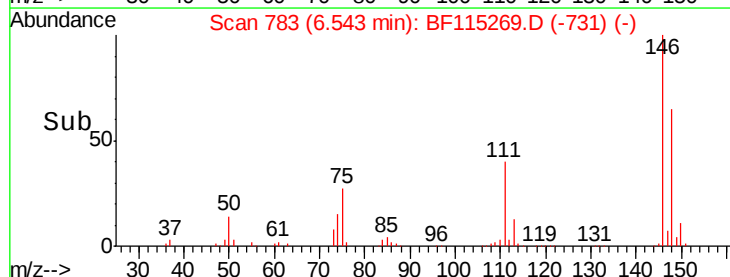
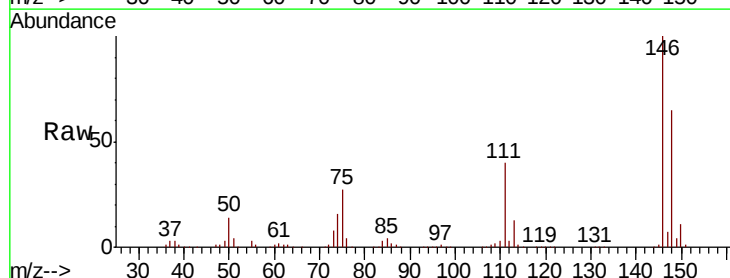
Manual Integrations
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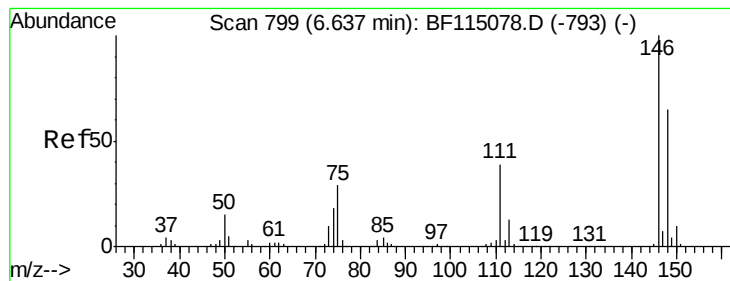
mohammad
7/1/2019 3:05:31 PM



#12
1,3-Dichlorobenzene
Concen: 40.312 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.1	52.6	78.8
75	27.0	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 40.801 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

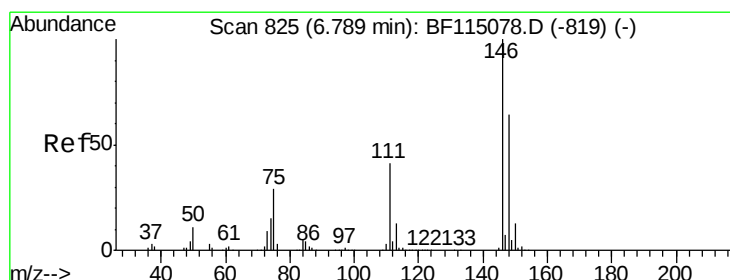
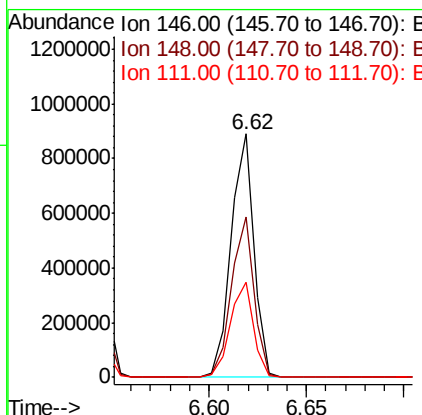
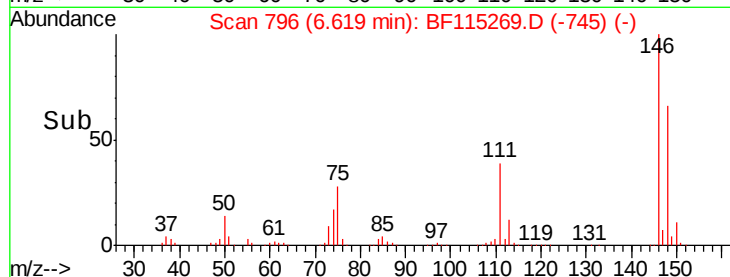
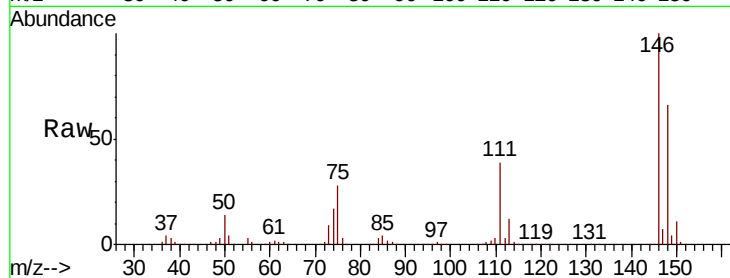
ClientSampleId :

PB120890BSD

Tot Ion:	146	Resp:	721165
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.9	77.9
111	38.8	31.4	47.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.157 ng

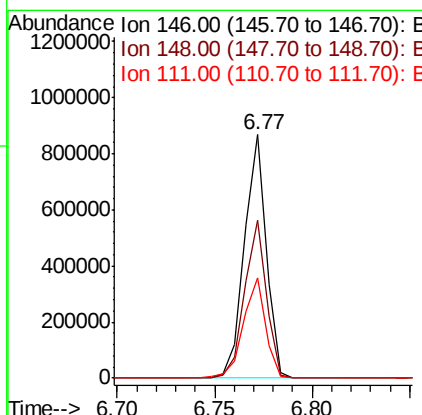
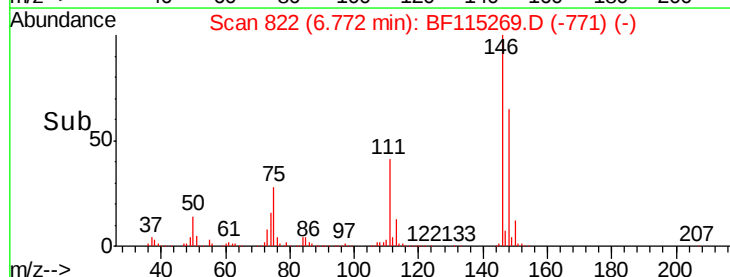
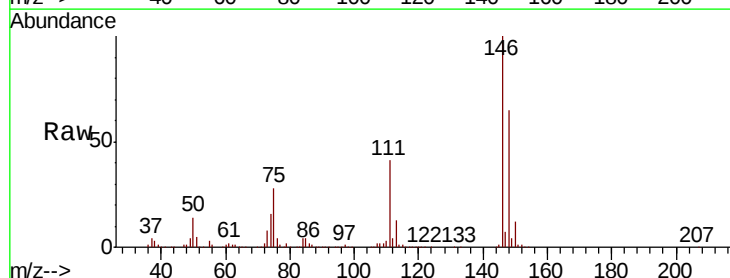
RT: 6.77 min Scan# 822

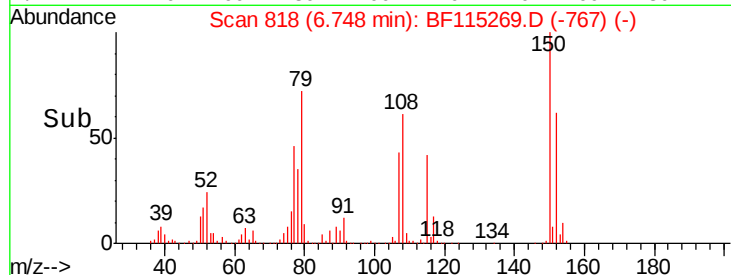
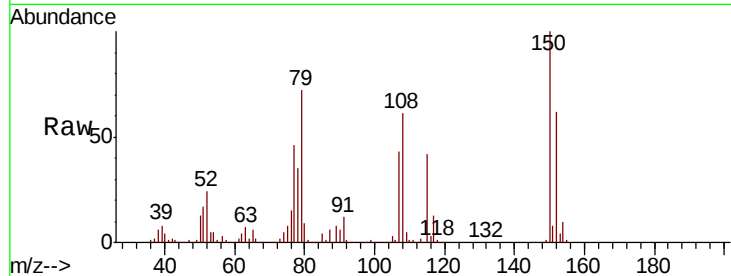
Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Tgt Ion:	146	Resp:	673672
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.1	76.7
111	41.0	33.2	49.8





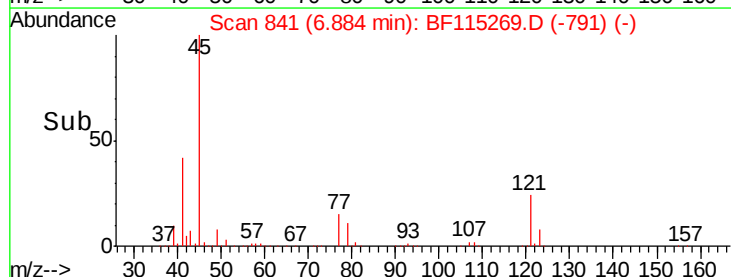
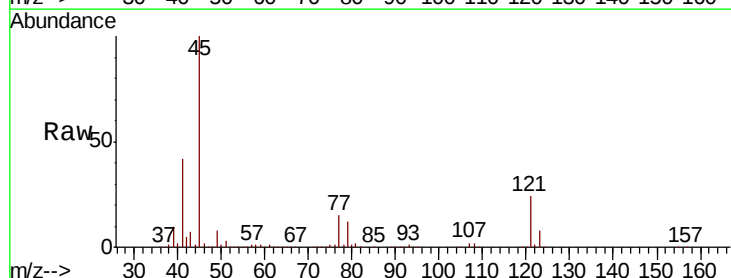
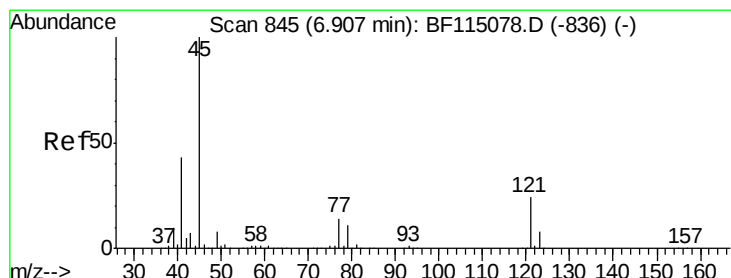
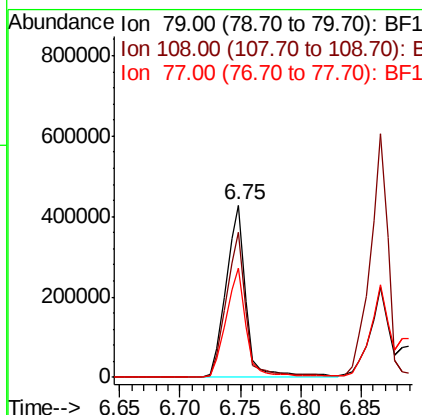
#15
Benzyl Alcohol
Concen: 39.447 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tot Ion: 79 Resp: 492439
Ion Ratio Lower Upper
79 100
108 84.3 68.7 103.1
77 63.8 51.7 77.5

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

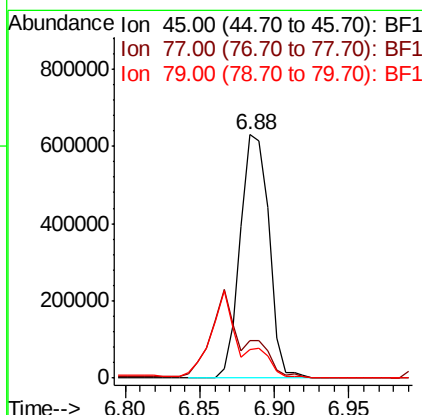
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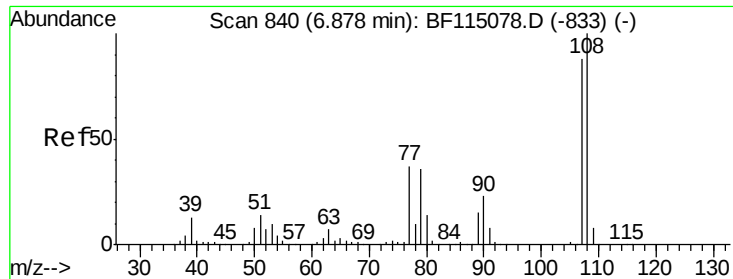
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.202 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion: 45 Resp: 841653
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 11.9 0.0 31.2





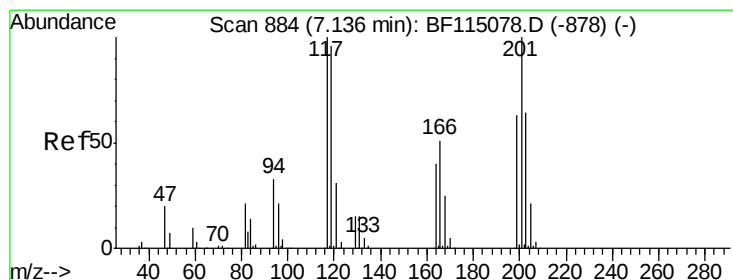
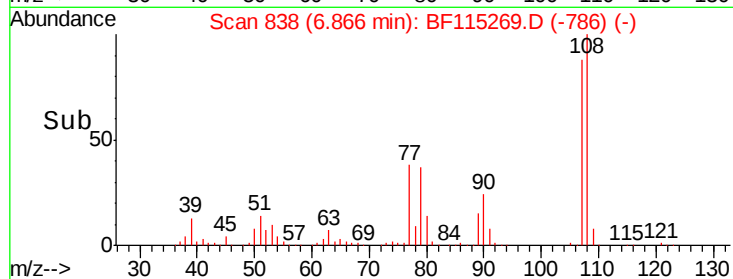
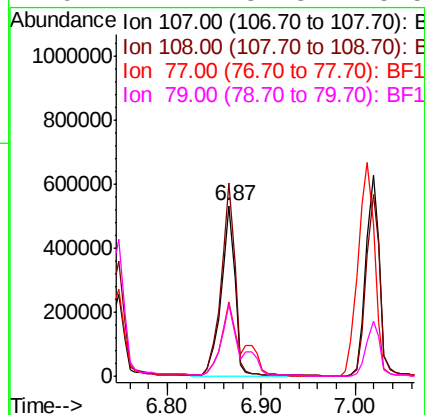
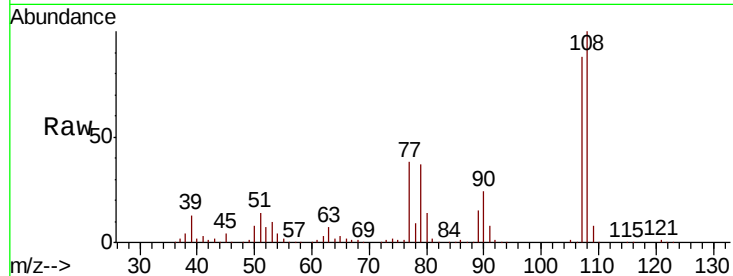
#17
2-Methylphenol
Concen: 42.151 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.9	136.3	
77	43.3	33.4	50.2	
79	42.2	32.3	48.5	

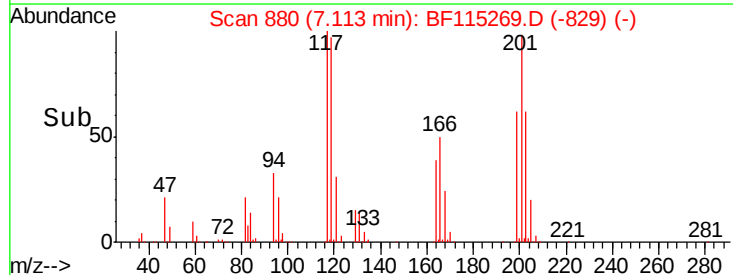
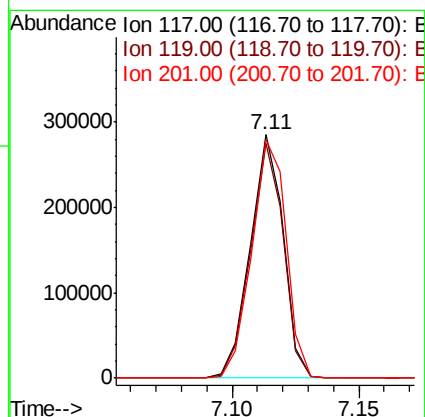
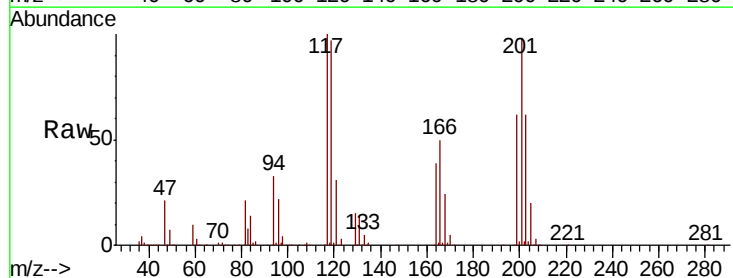
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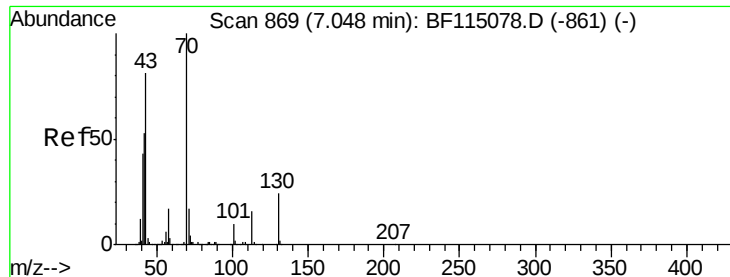
mohammad
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#18
Hexachloroethane
Concen: 40.545 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.6	114.8	
201	97.8	80.2	120.2	





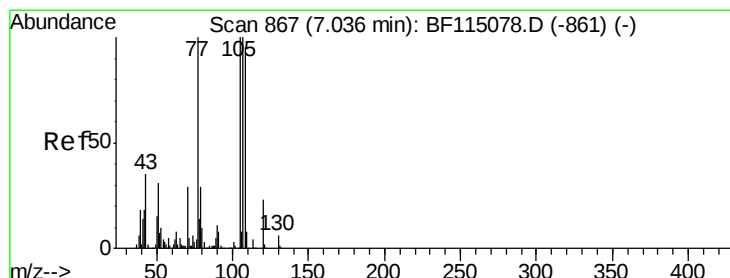
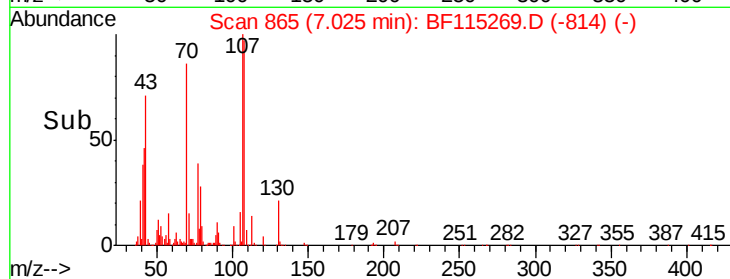
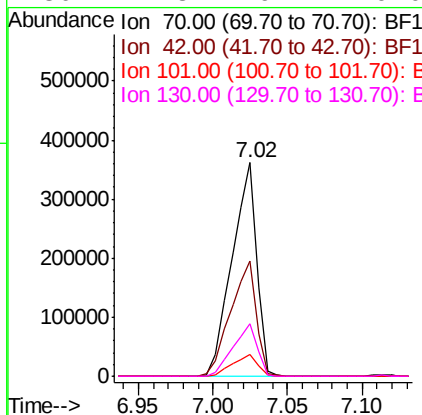
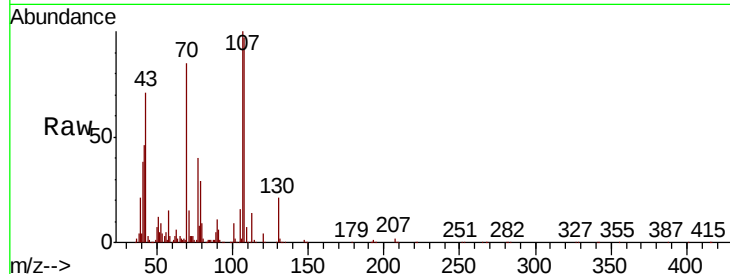
#19
n-Nitroso-di-n-propylamine
Concen: 38.214 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	42.6	63.8	
101	10.1	8.0	12.0	
130	24.3	19.4	29.0	

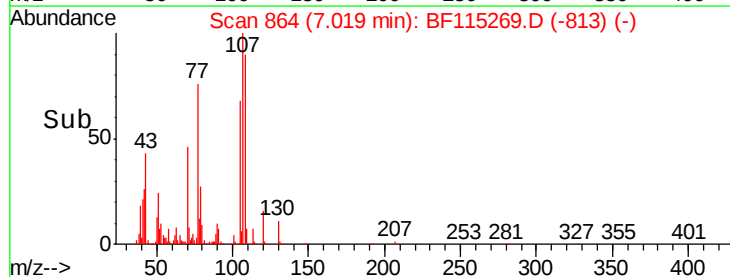
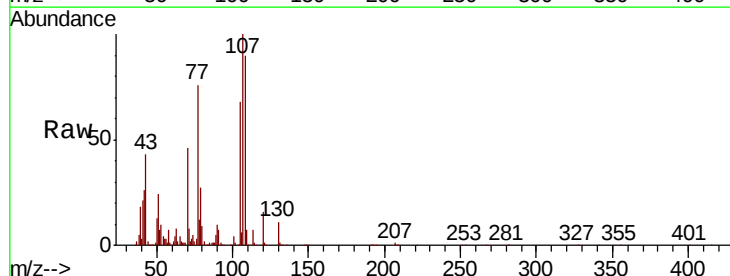
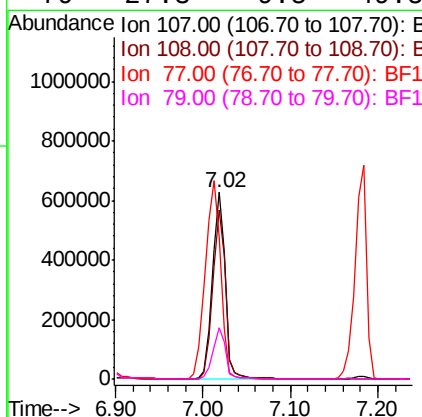
Manual Integrations
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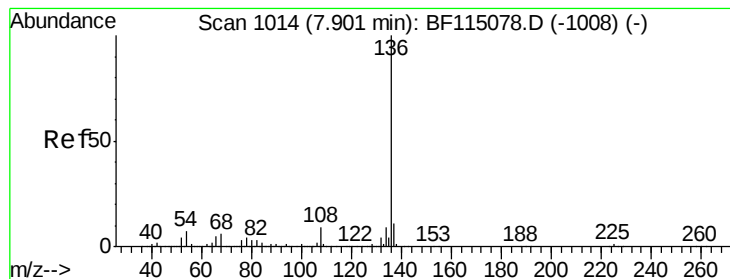
mohammad
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#20
3+4-Methylphenols
Concen: 41.857 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	75.5	115.5	
77	75.9	80.2	120.2#	
79	27.3	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: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

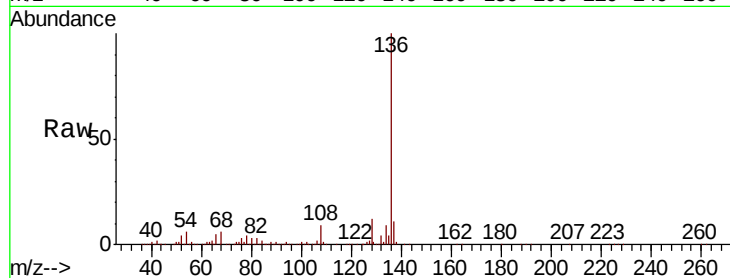
ClientSampleId :

PB120890BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	853672		
137	10.9		8.9	13.3
54	6.4		5.6	8.4
68	5.8		4.8	7.2

Manual Integrations
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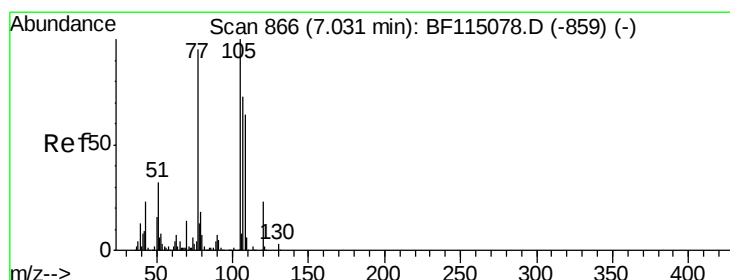
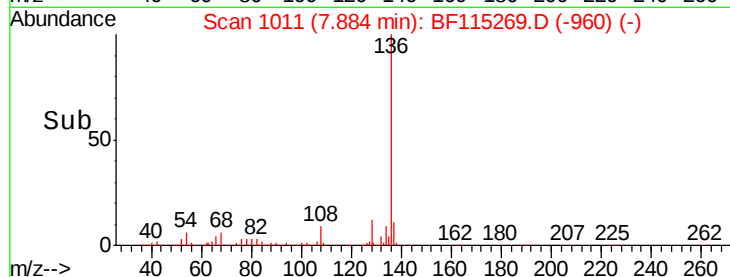
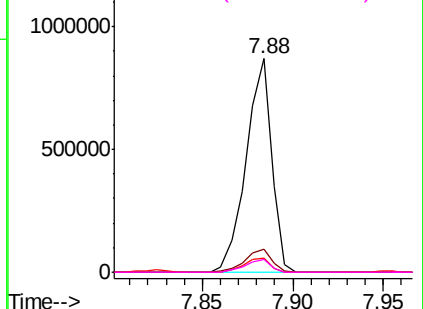


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.339 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

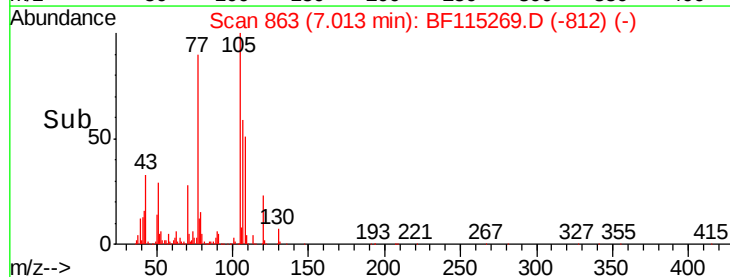
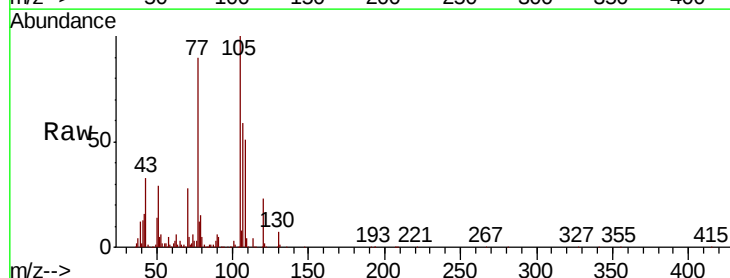
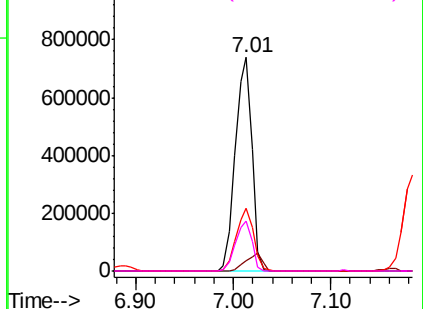
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	866533		
71	4.8		1.9	2.9#
51	29.3		25.8	38.8
120	23.5		18.5	27.7

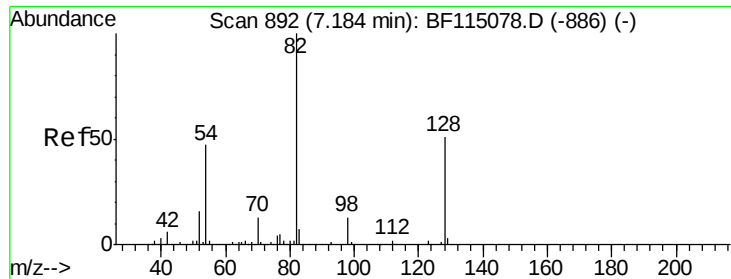
Abundance Ion 105.00 (104.70 to 105.70): E

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





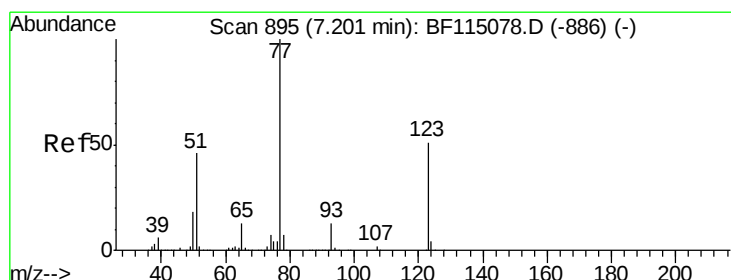
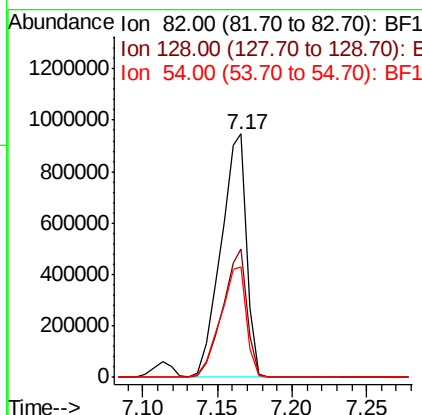
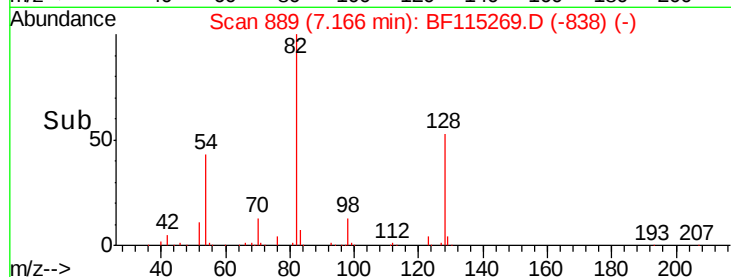
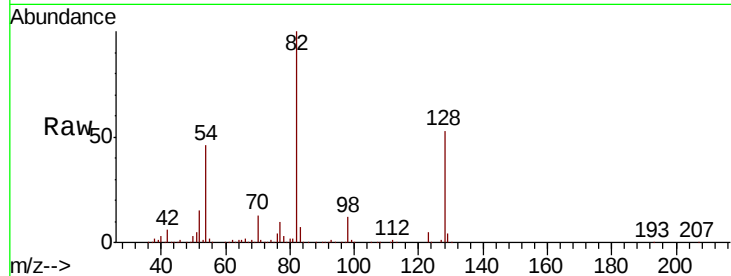
#23
 Nitrobenzene-d5
 Concen: 82.539 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.0	40.4	60.6
54	45.6	37.5	56.3

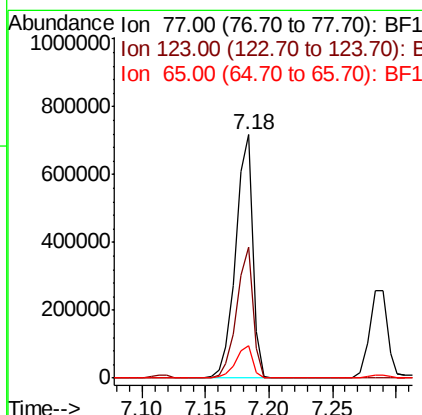
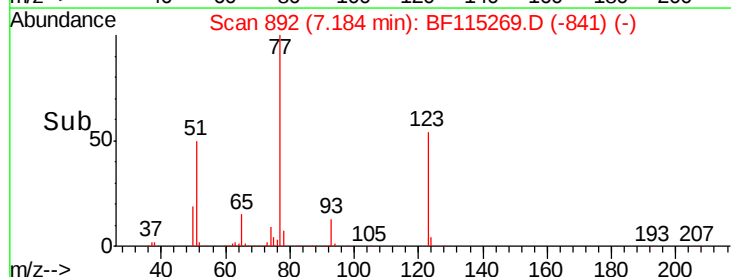
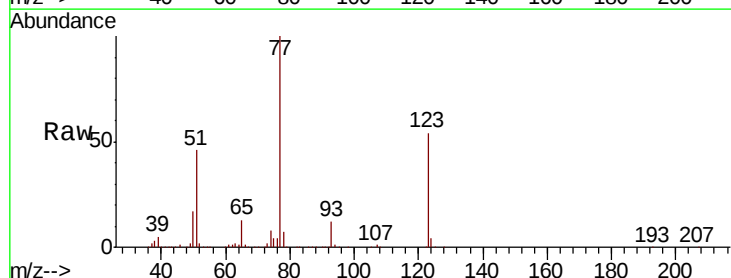
Manual Integrations
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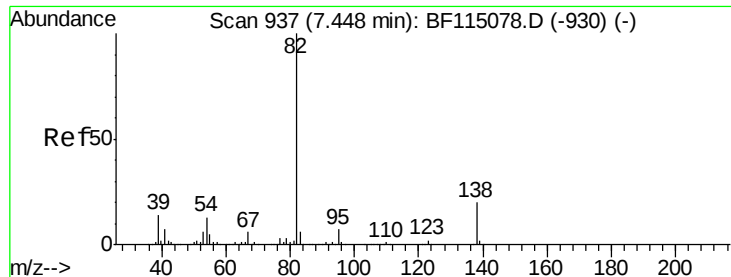
mohammad
 7/1/2019 3:05:31 PM



#24
 Nitrobenzene
 Concen: 43.083 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	41.0	61.6
65	13.2	10.5	15.7





#25

Isophorone

Concen: 42.727 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion: 82 Resp: 1214663

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

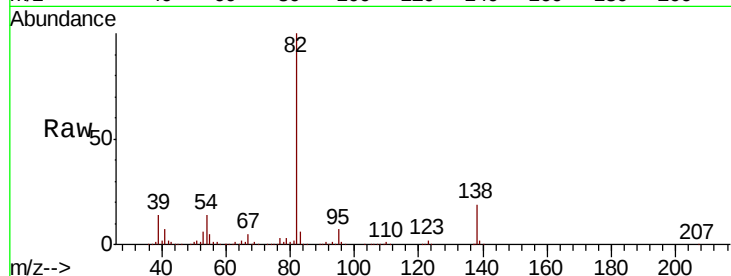
138 19.4 15.9 23.9

Manual Integrations

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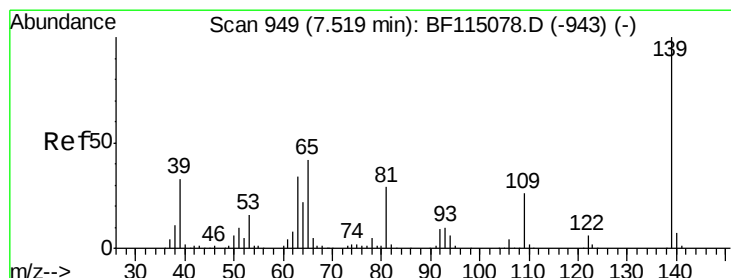
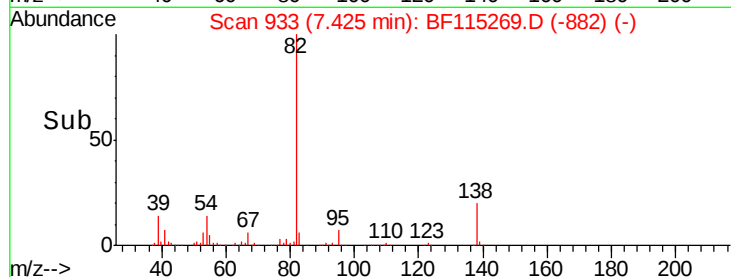
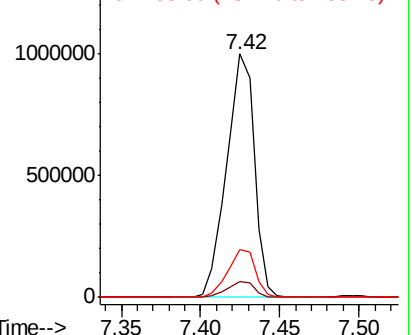
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.822 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

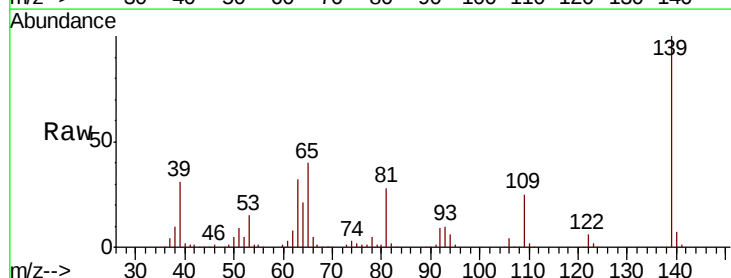
Tgt Ion: 139 Resp: 368611

Ion Ratio Lower Upper

139 100

109 25.1 20.4 30.6

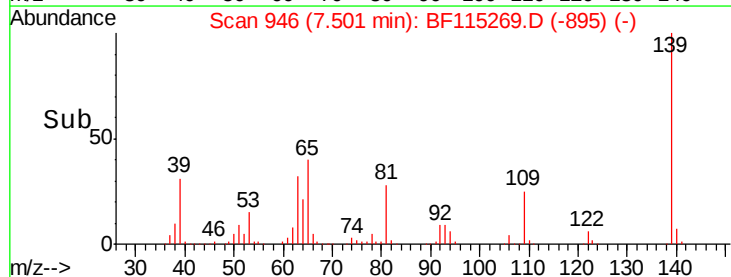
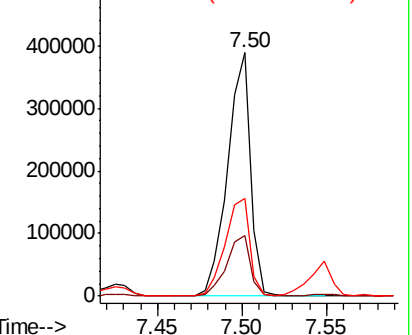
65 40.2 33.6 50.4

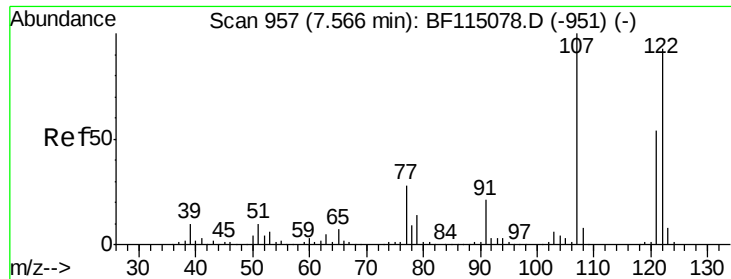


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





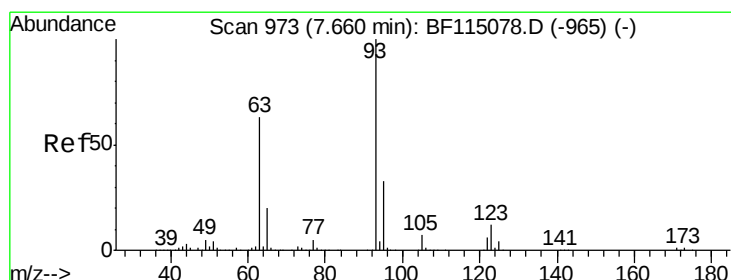
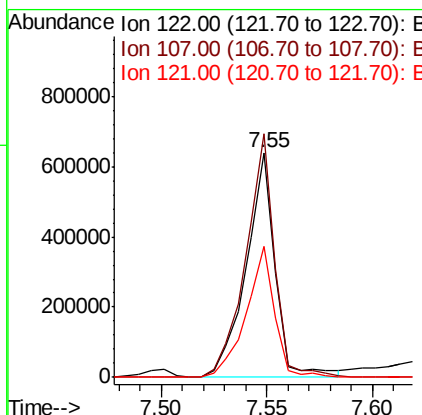
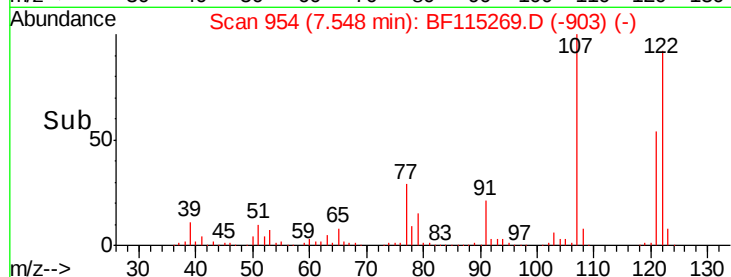
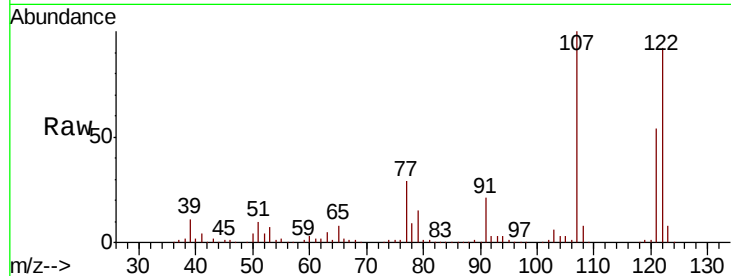
#27
2,4-Dimethylphenol
Concen: 49.633 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	613555		
107	108.4	85.8	128.6	
121	58.5	46.3	69.5	

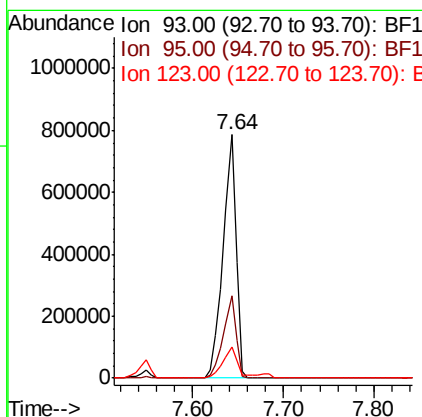
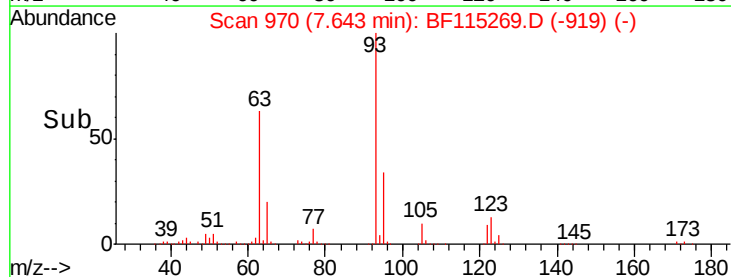
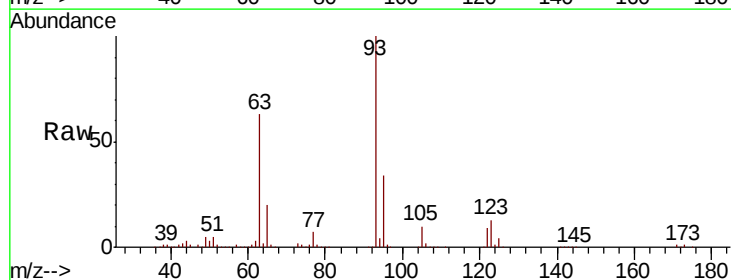
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#28
bis(2-Chloroethoxy)methane
Concen: 43.071 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	773908		
95	33.6	26.2	39.4	
123	13.0	9.7	14.5	





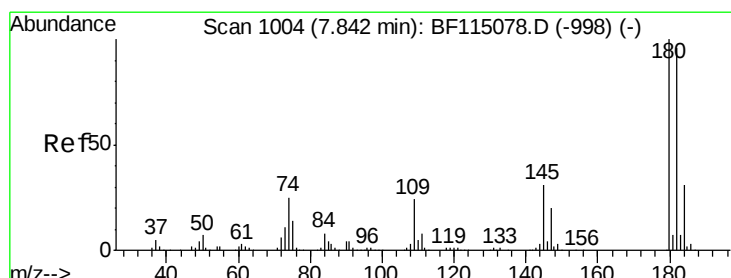
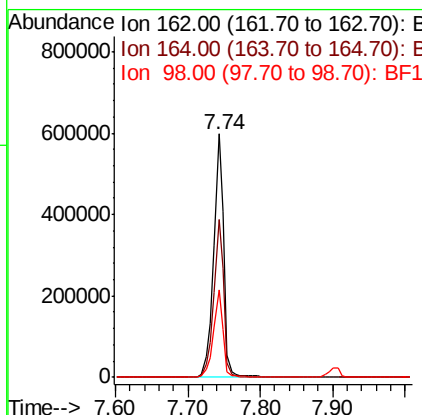
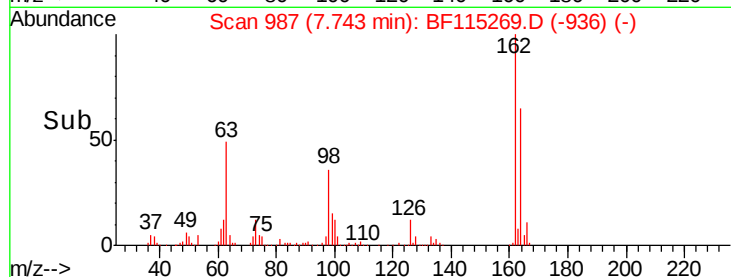
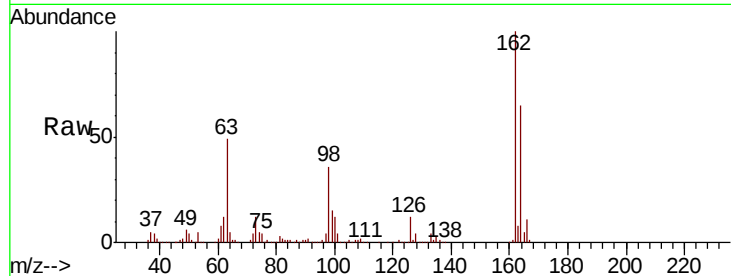
#29
2,4-Dichlorophenol
Concen: 45.064 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	574891		
164	64.8	45.3	85.3	
98	35.7	12.5	52.5	

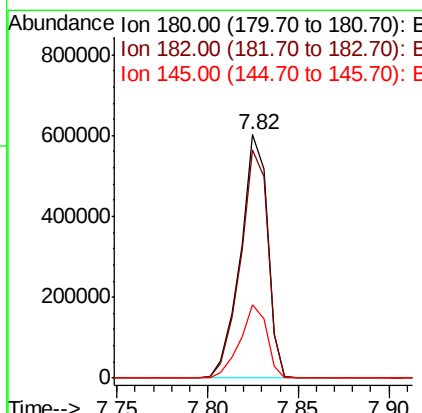
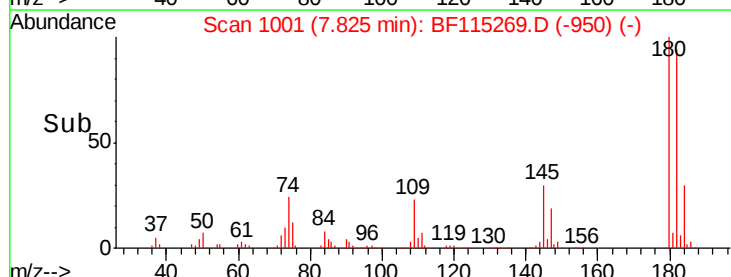
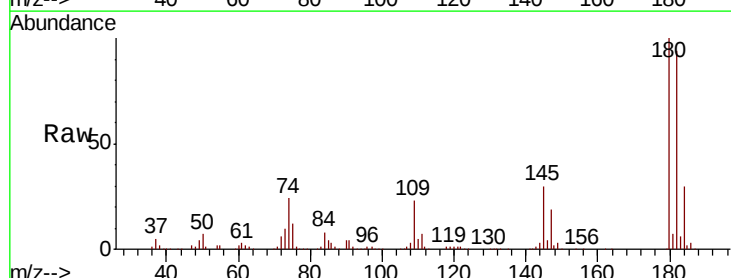
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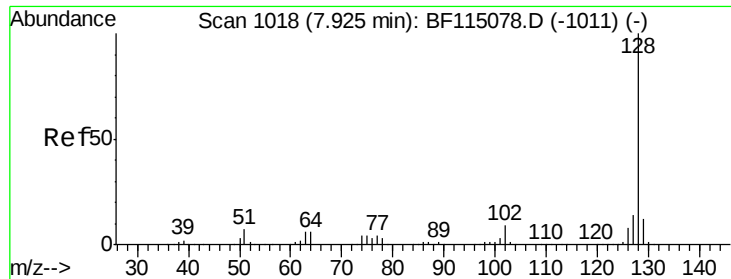
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#30
1,2,4-Trichlorobenzene
Concen: 44.339 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	624802		
182	93.7	76.4	114.6	
145	30.3	24.8	37.2	





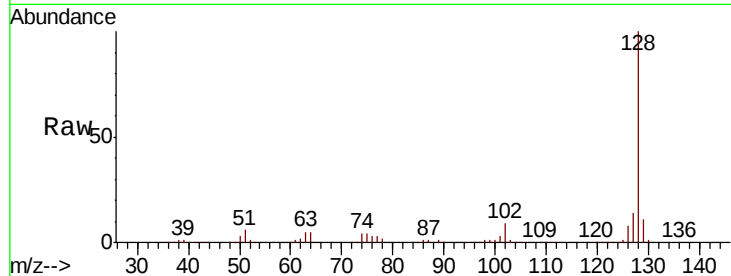
#31
Naphthalene
Concen: 44.968 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

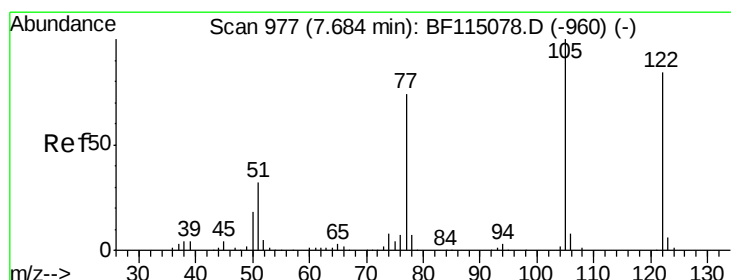
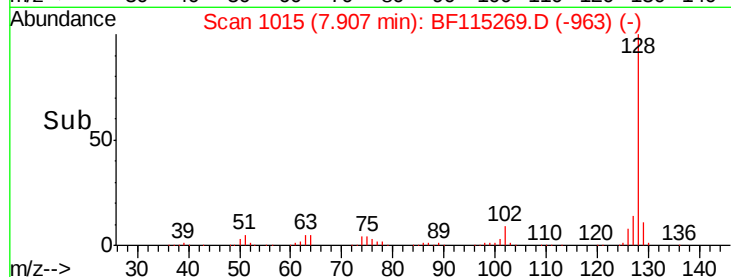
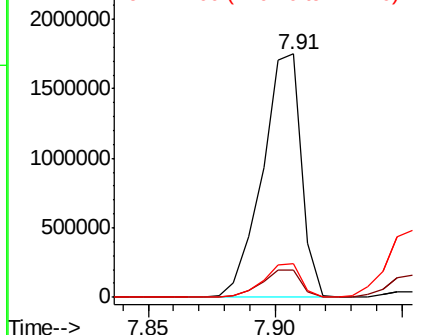
Tot Ion:128 Resp: 1884346
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.7 11.4 17.0

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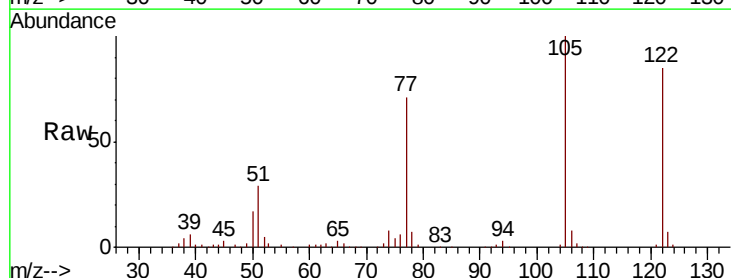


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

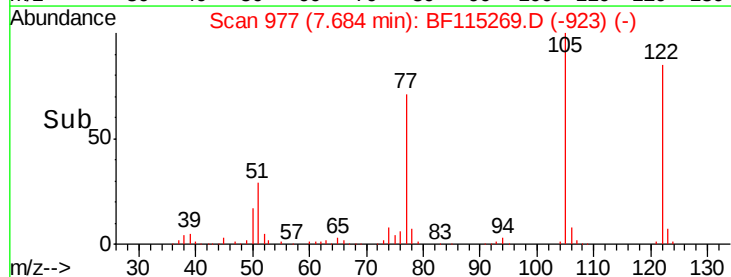
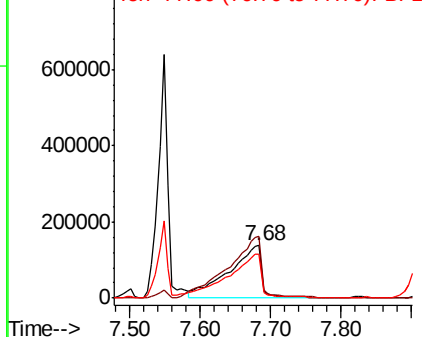


#32
Benzoic acid
Concen: 50.497 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.02 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:122 Resp: 445587
Ion Ratio Lower Upper
122 100
105 117.0 98.2 138.2
77 83.4 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





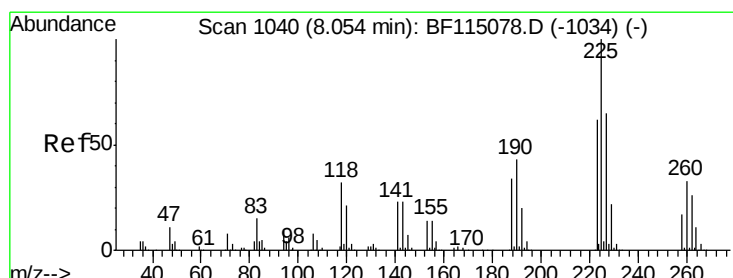
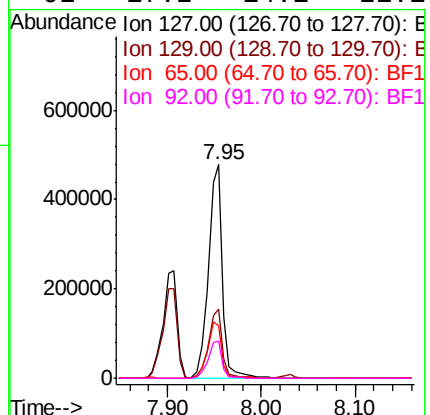
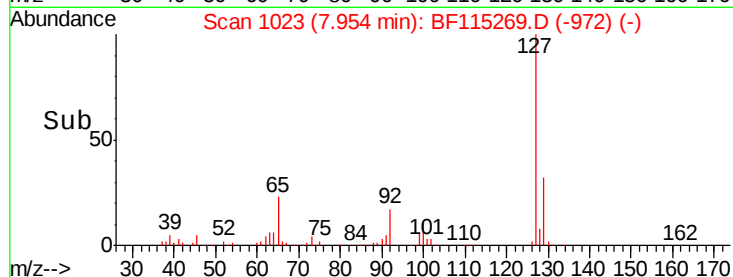
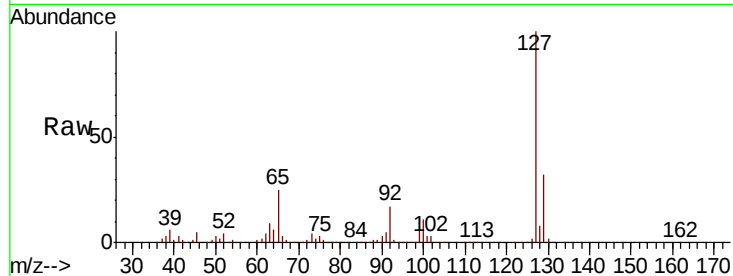
#33
4-Chloroaniline
Concen: 26.041 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		498716		
129	32.5	26.1	39.1		
65	24.8	21.4	32.2		
92	17.2	14.1	21.1		

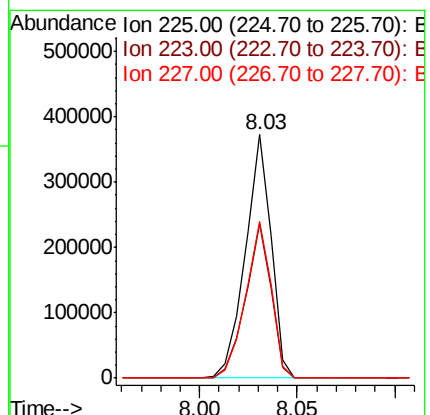
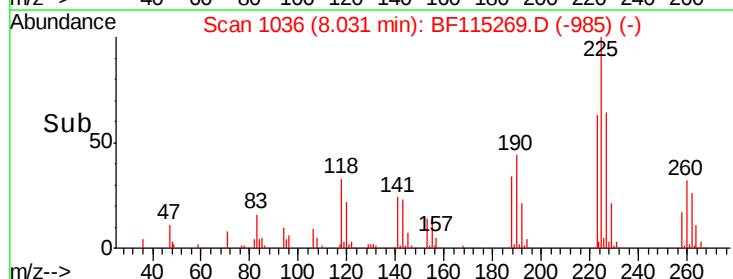
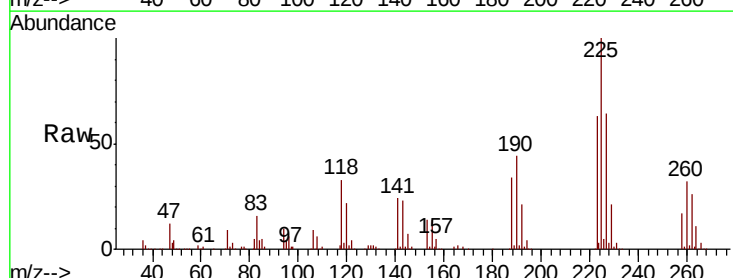
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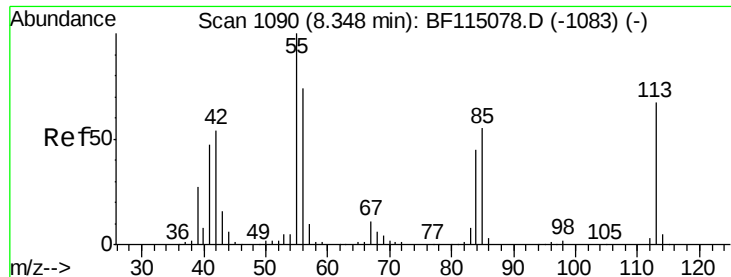
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#34
Hexachlorobutadiene
Concen: 44.059 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		340230		
223	63.3	49.4	74.2		
227	64.5	51.8	77.8		





#35

Caprolactam

Concen: 44.252 ng/mL

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

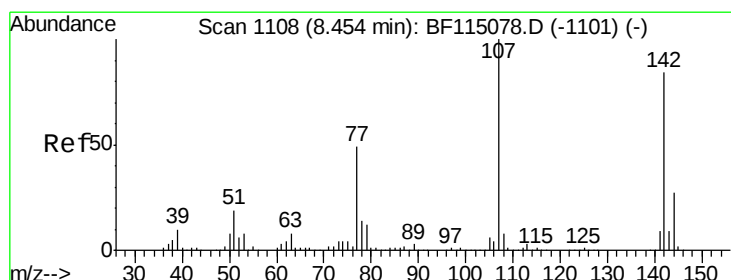
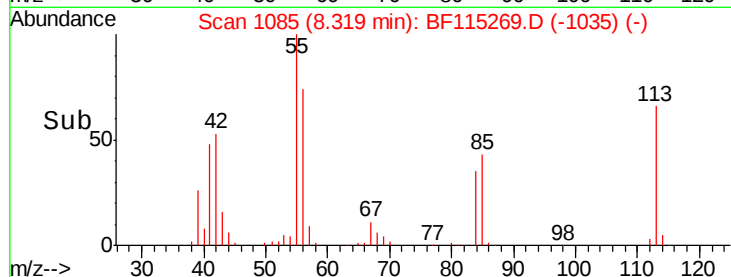
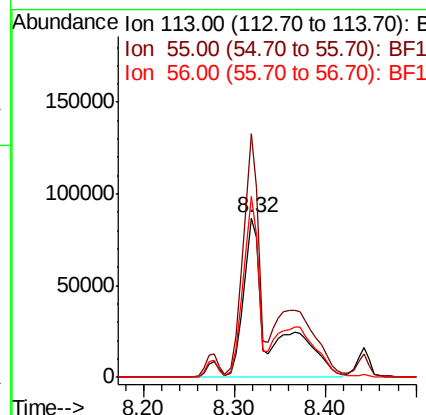
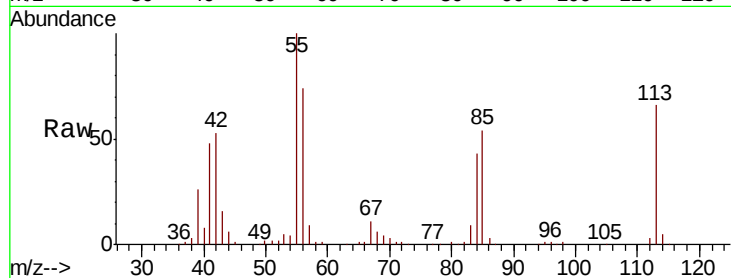
ClientSampleID :

PB120890BSD

Tot Ion:	113	Resp:	189800
Ion Ratio	Lower	Upper	
113	100		
55	152.5	130.2	170.2
56	113.6	91.6	131.6

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#36

4-Chloro-3-methylphenol

Concen: 44.267 ng/mL

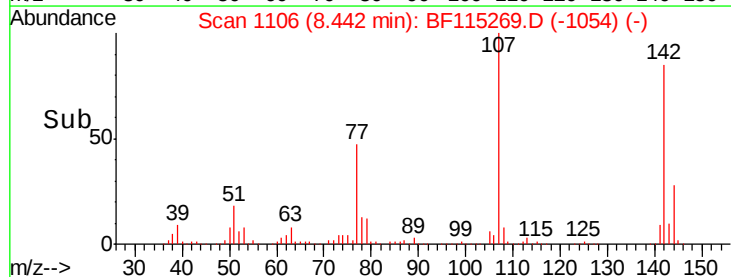
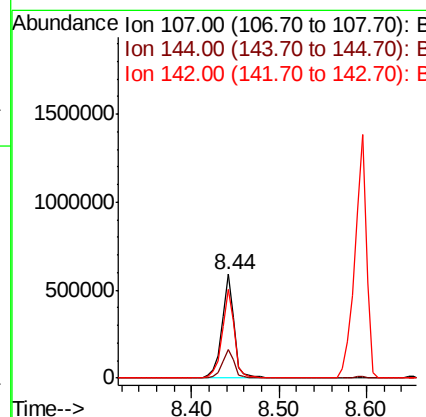
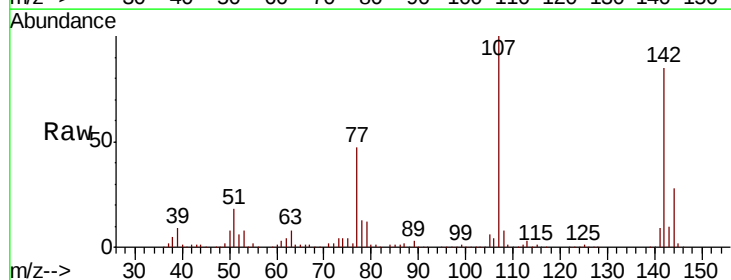
RT: 8.44 min Scan# 1106

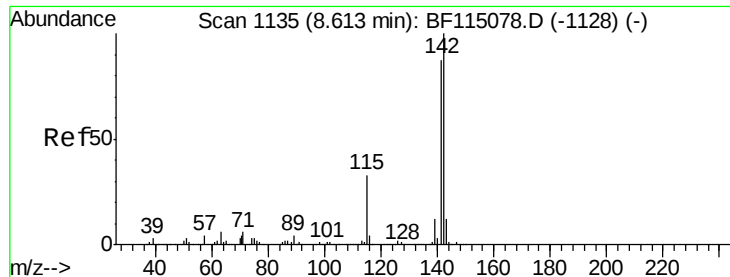
Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Tgt Ion:	107	Resp:	571903
Ion Ratio	Lower	Upper	
107	100		
144	27.8	21.7	32.5
142	85.5	67.0	100.4





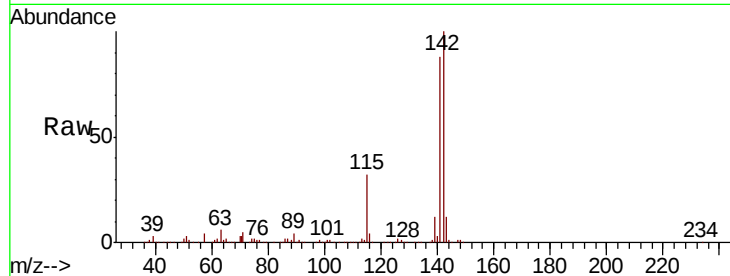
#37
2-Methylnaphthalene
Concen: 45.533 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

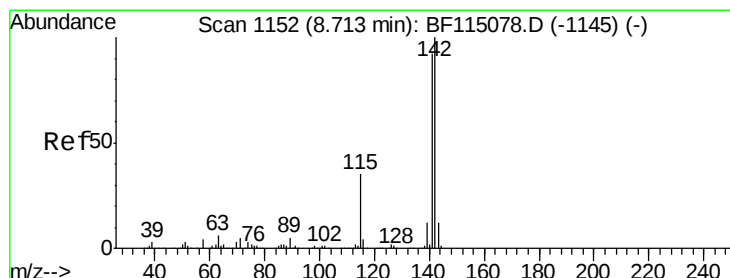
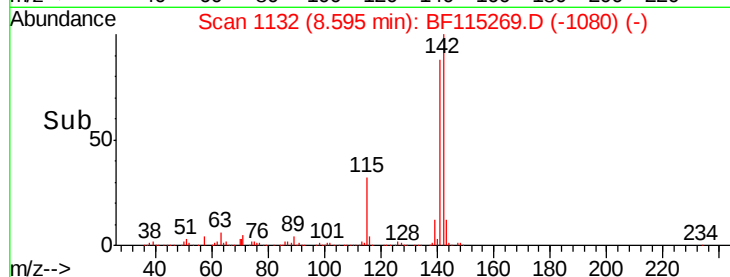
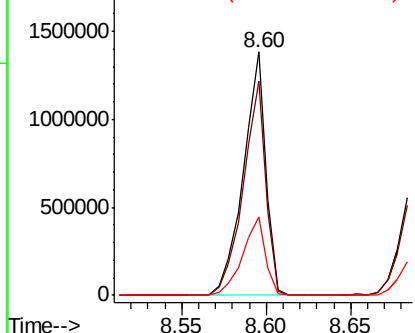
Tot Ion:142 Resp: 1286506
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.6
115 32.4 26.7 40.1

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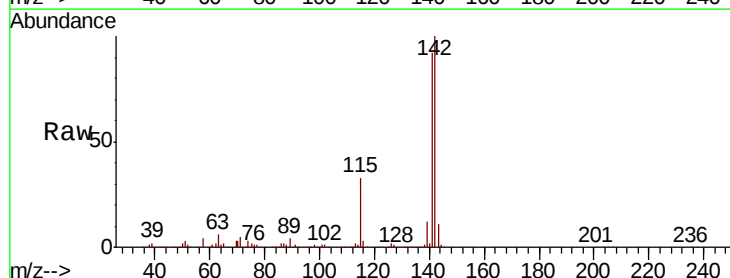


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

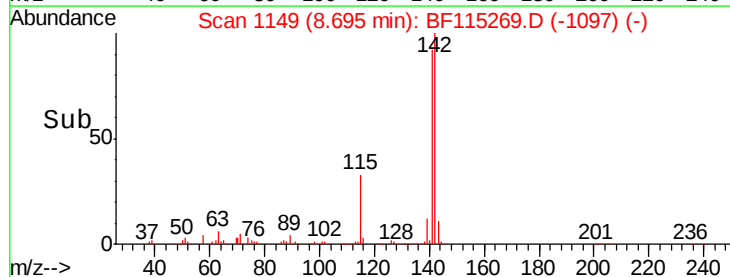
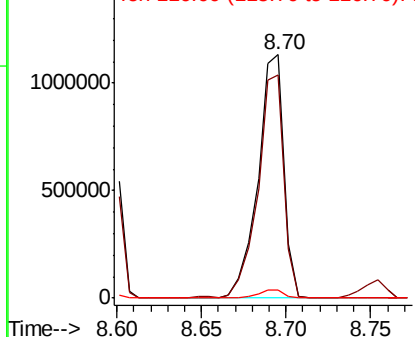


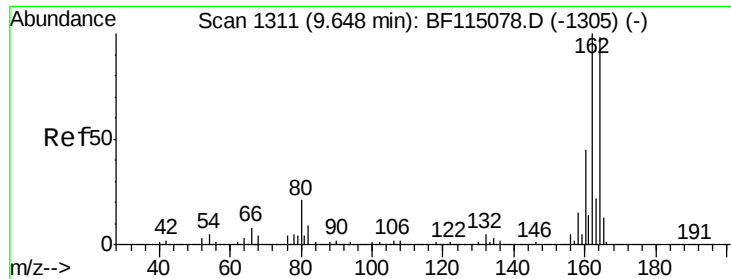
#38
1-Methylnaphthalene
Concen: 44.577 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:142 Resp: 1202898
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8
116 3.5 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





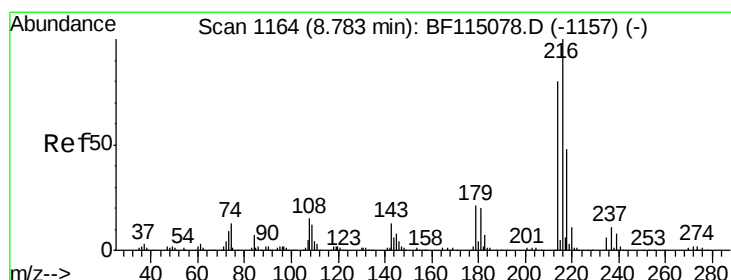
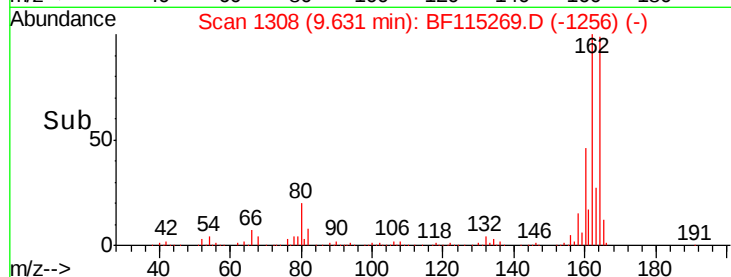
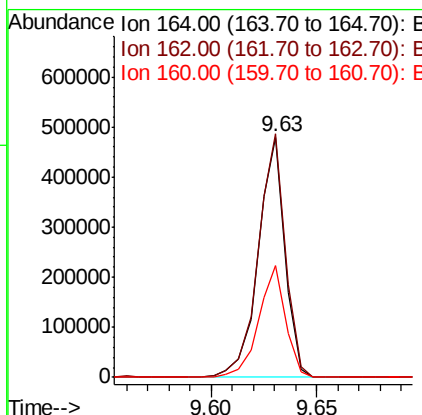
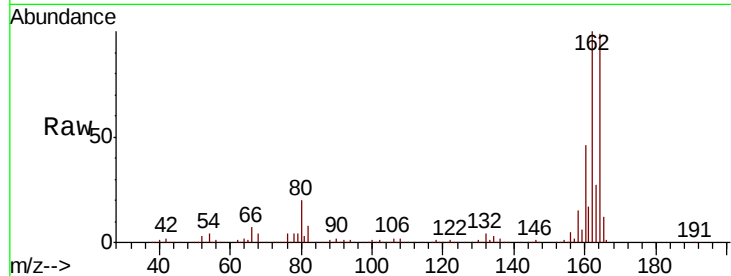
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	46.5	37.0	55.4

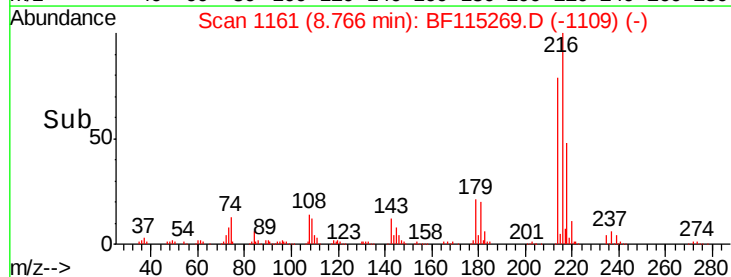
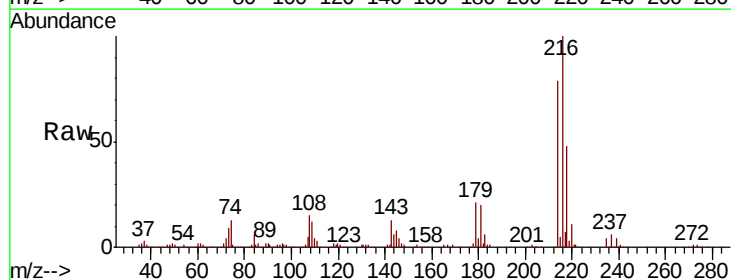
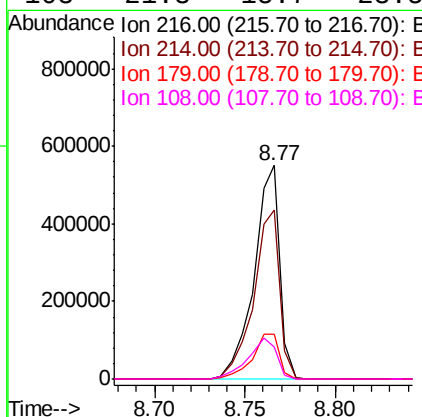
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.228 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.8	95.6
179	22.3	17.6	26.4
108	21.3	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 96.987 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

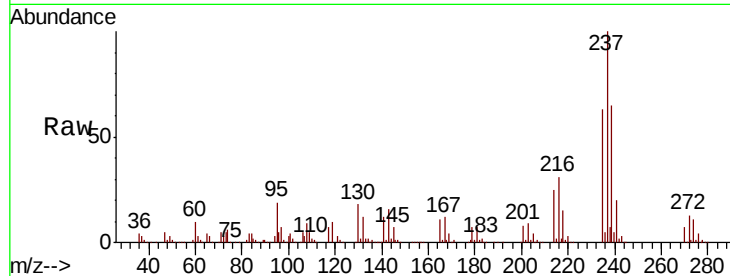
ClientSampleId :

PB120890BSD

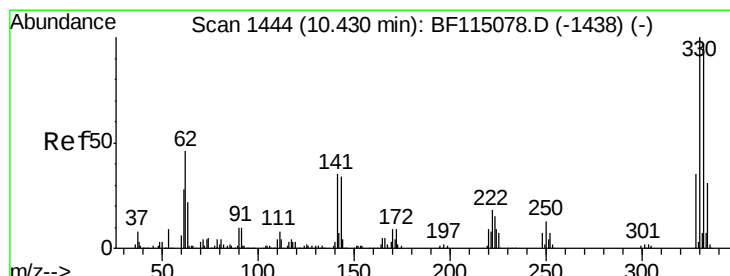
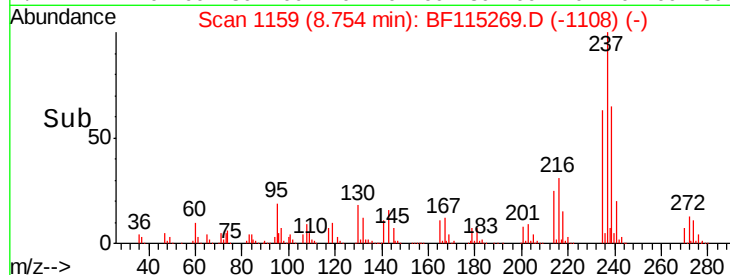
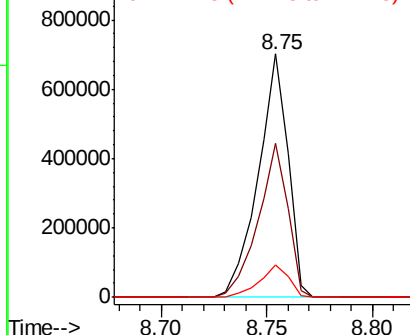
Tot Ion:	237	Resp:	686666
Ion Ratio		Lower	Upper
237	100		
235	63.2	43.9	83.9
272	13.4	0.0	33.8

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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: 134.138 ng

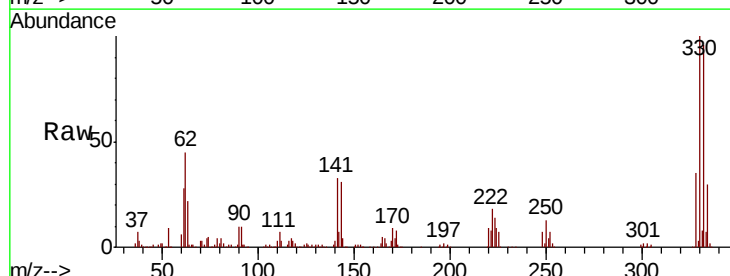
RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

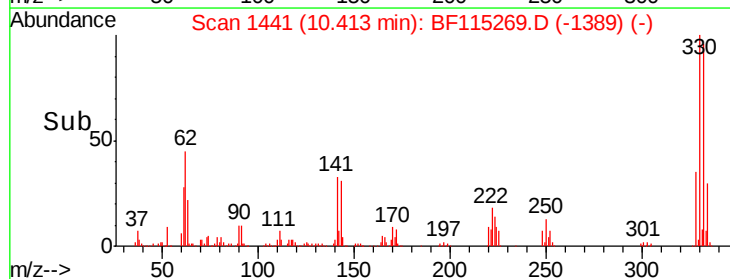
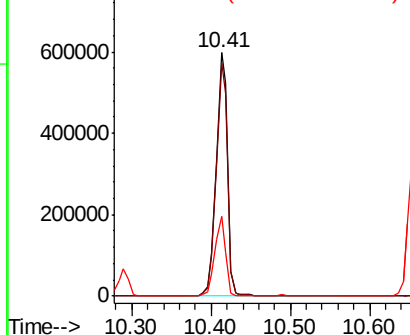
Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Tgt Ion:	330	Resp:	597687
Ion Ratio		Lower	Upper
330	100		
332	95.9	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





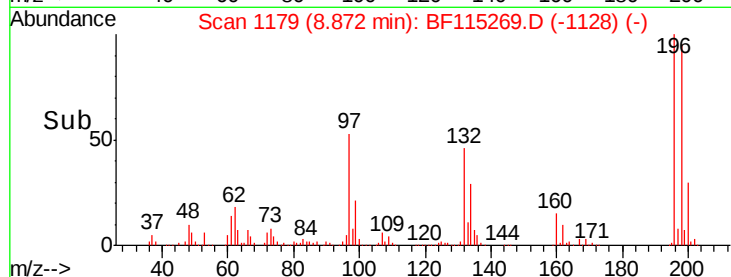
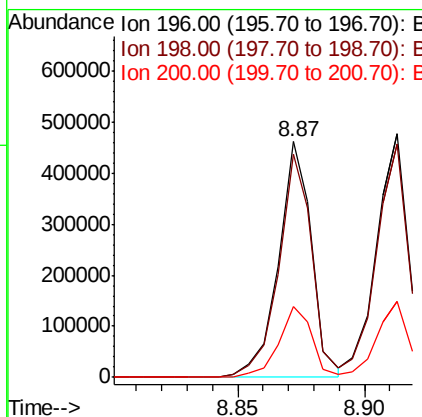
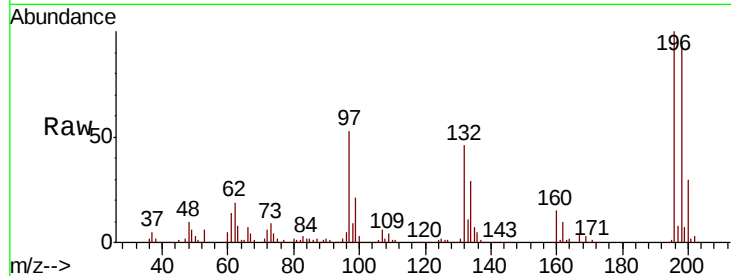
#43
 2,4,6-Trichlorophenol
 Concen: 45.525 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	419654		
198	94.8	76.3	114.5	
200	30.2	24.2	36.4	

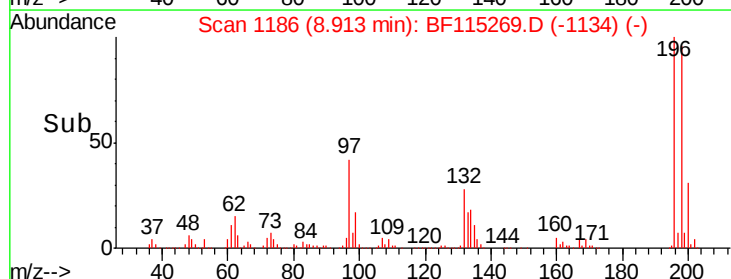
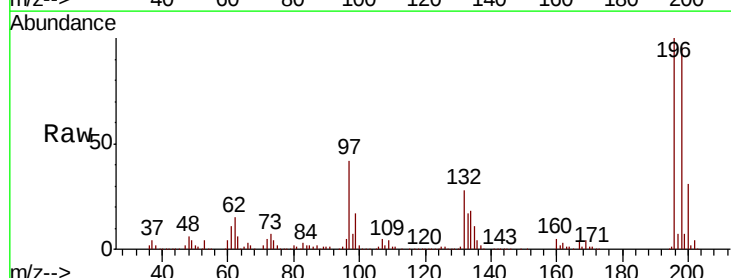
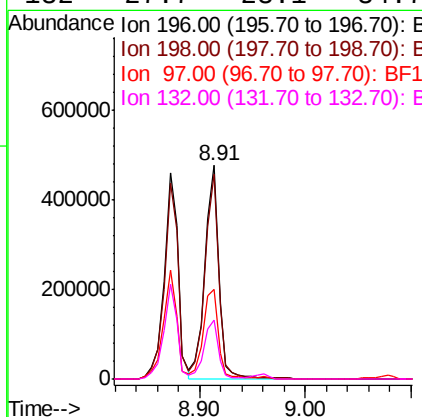
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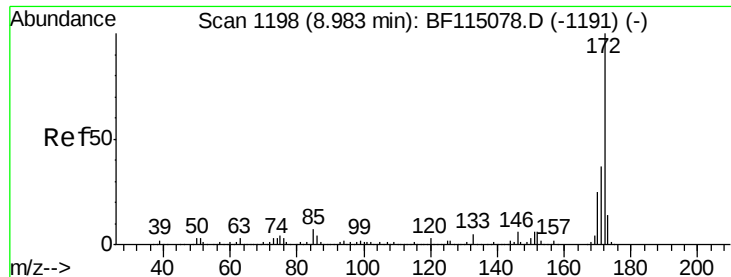
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.185 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	438427		
198	96.0	77.1	115.7	
97	41.9	37.7	56.5	
132	27.7	23.1	34.7	





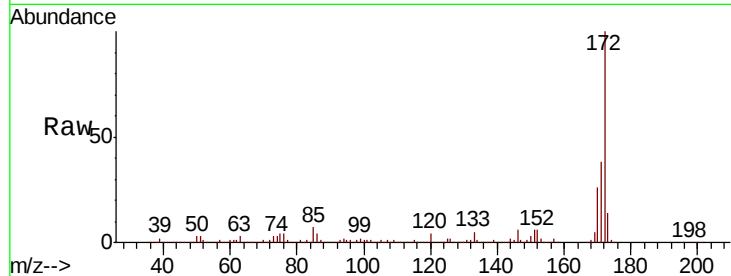
#45
2-Fluorobiphenyl
Concen: 89.981 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.6	20.3	30.5

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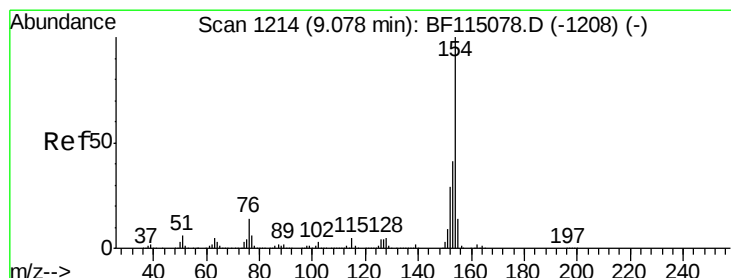
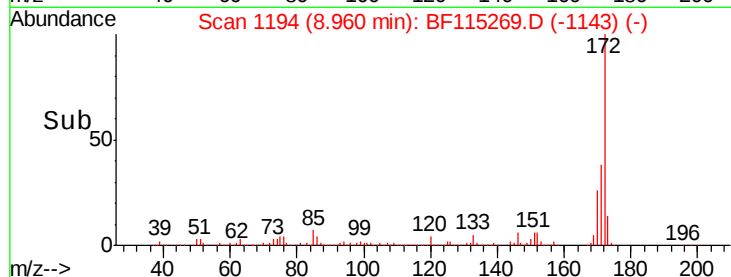
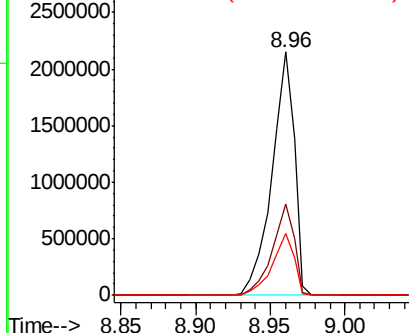


Abundance

Ion 172.00 (171.70 to 172.70): E

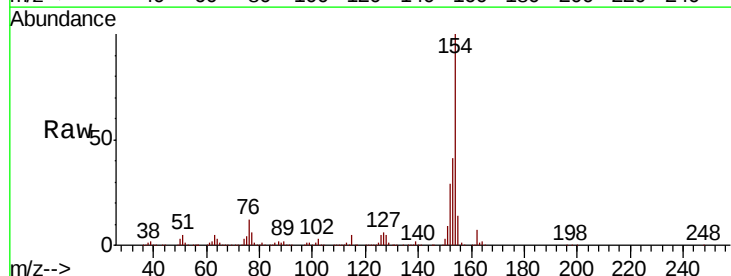
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.591 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	12.5	0.0	34.1

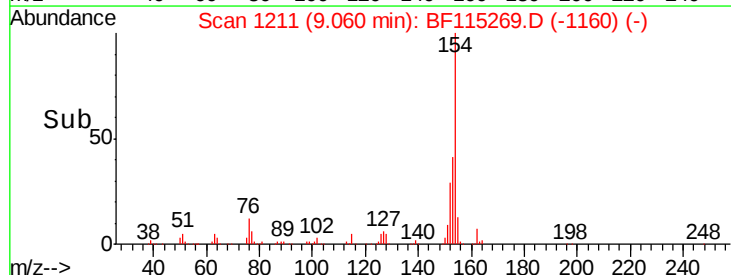
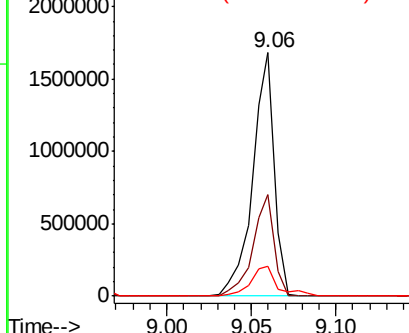


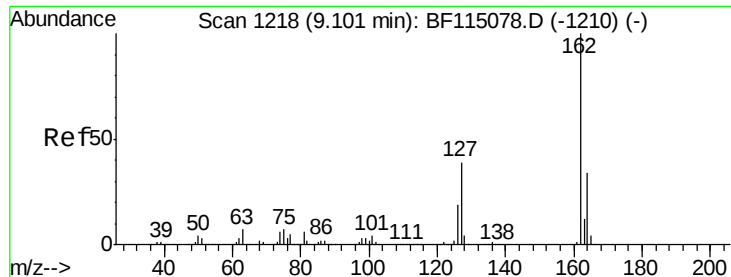
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





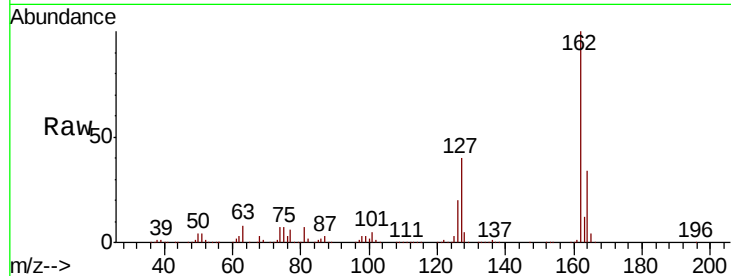
#47
2-Chloronaphthalene
Concen: 44.179 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.8	46.2
164	33.7	27.0	40.4

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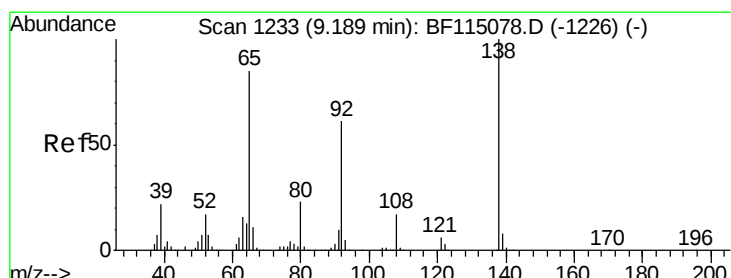
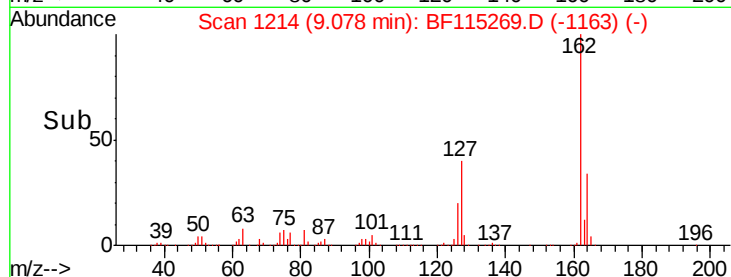
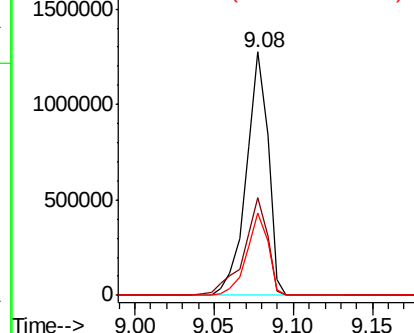


Abundance

Ion 162.00 (161.70 to 162.70): E

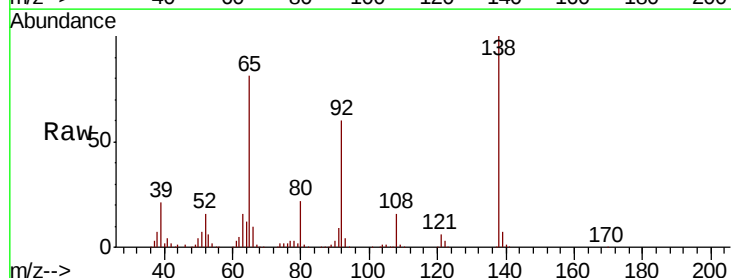
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.170 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	57.4	86.2
138	122.9	94.1	141.1

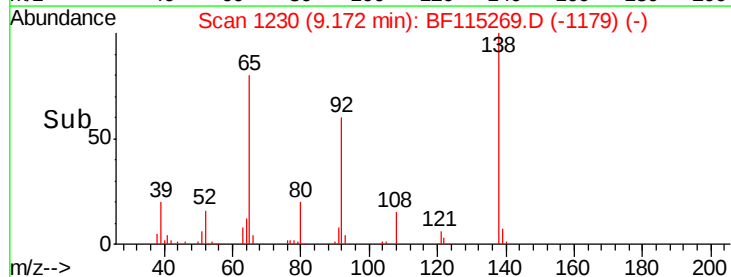
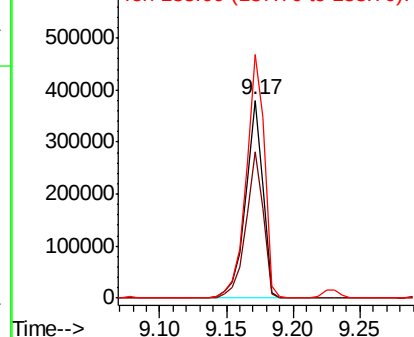


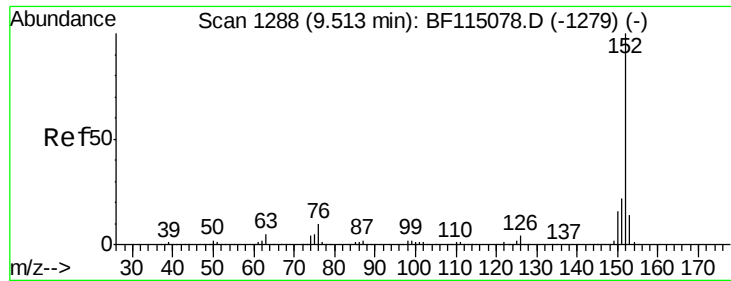
Abundance

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: 44.561 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion:152 Resp: 1903970

Ion Ratio Lower Upper

152 100

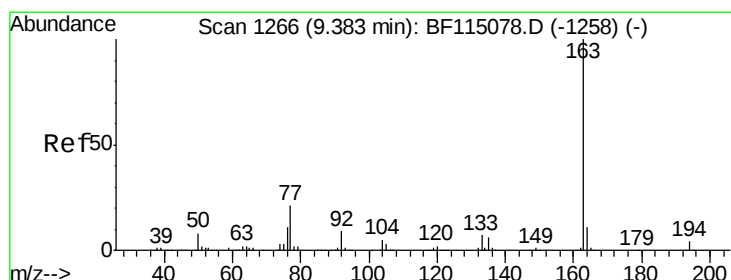
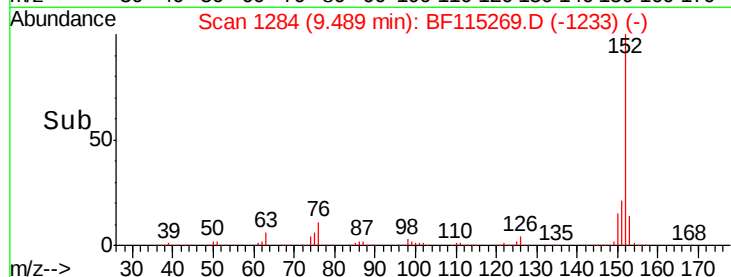
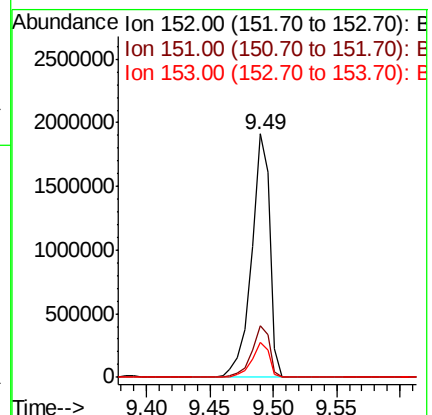
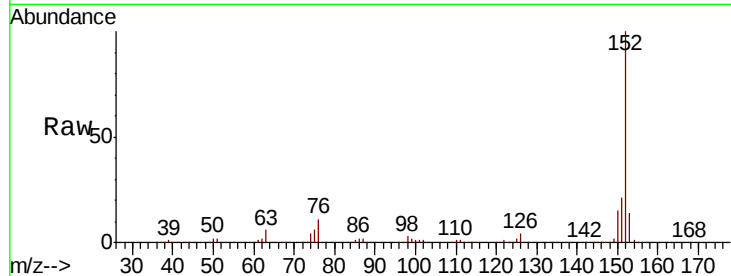
151 21.2 17.2 25.8

153 14.3 11.0 16.6

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#50

Dimethylphthalate

Concen: 44.144 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

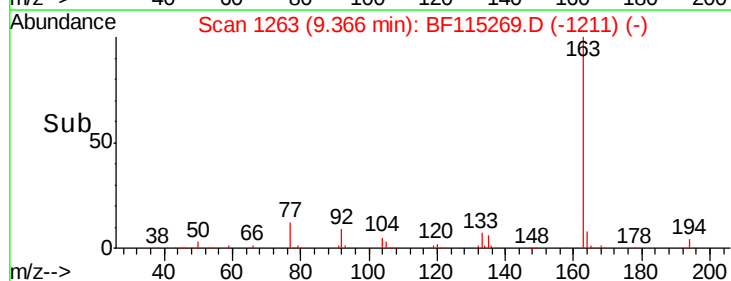
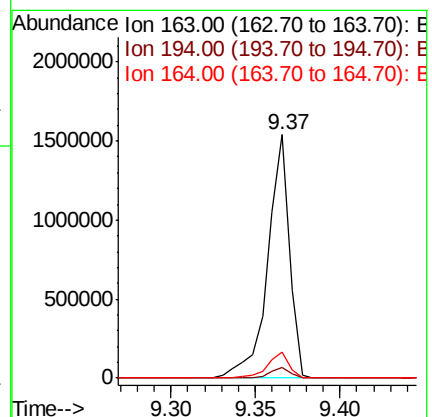
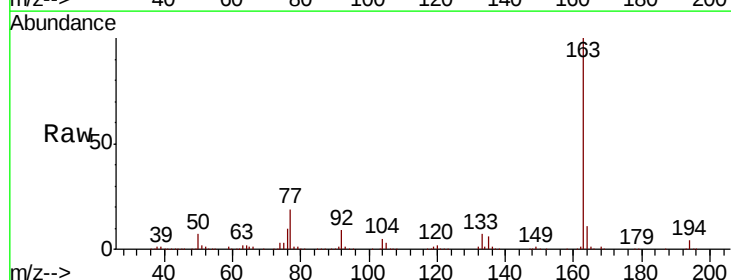
Tgt Ion:163 Resp: 1372282

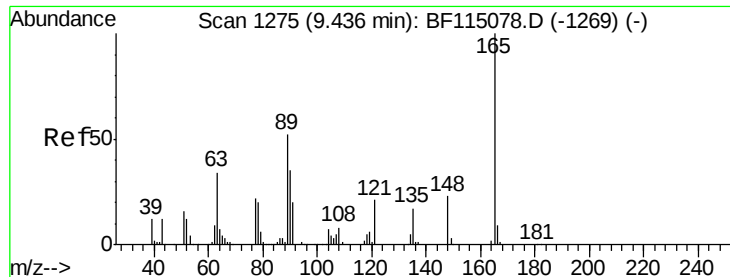
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.5 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 45.468 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion:165 Resp: 326323
Ion Ratio Lower Upper

165 100

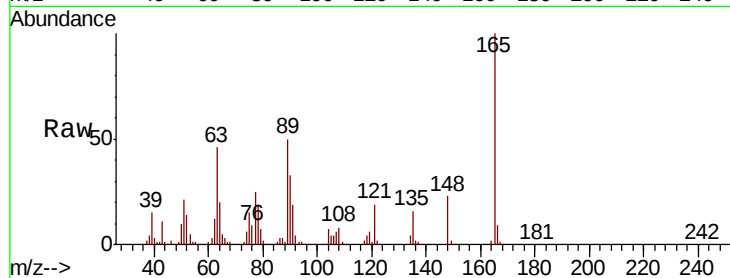
63 45.8 39.4 59.2

89 49.5 42.0 63.0

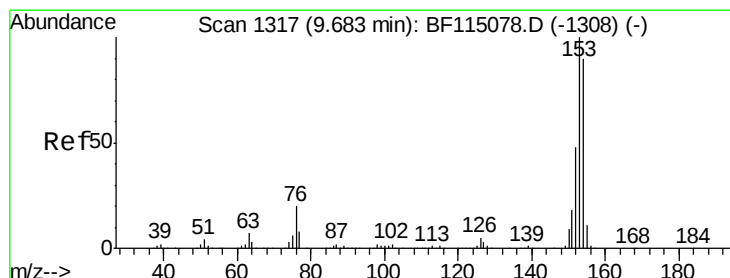
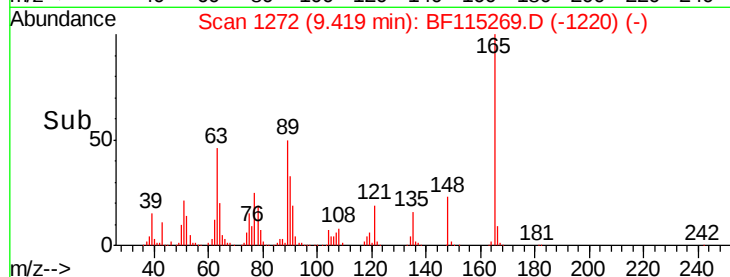
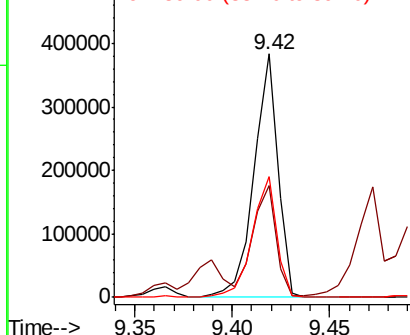
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.363 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115269.D

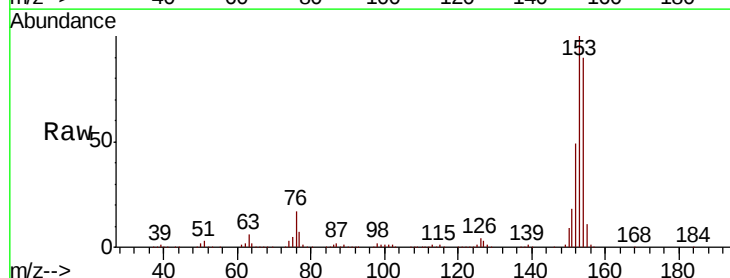
Acq: 28 Jun 2019 9:36

Tgt Ion:154 Resp: 1105912
Ion Ratio Lower Upper

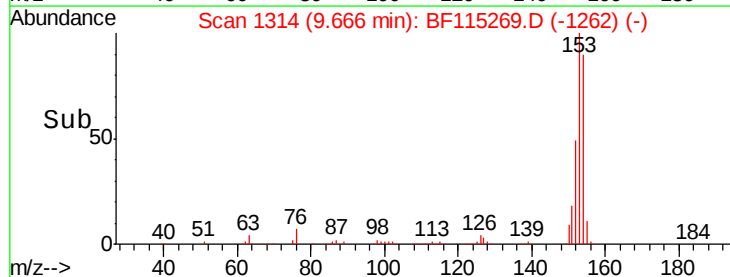
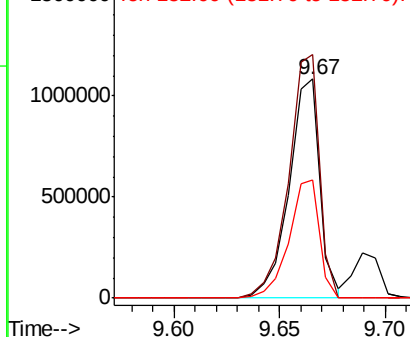
154 100

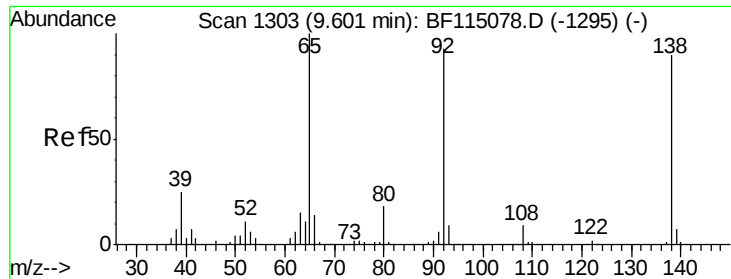
153 111.3 88.7 133.1

152 54.3 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





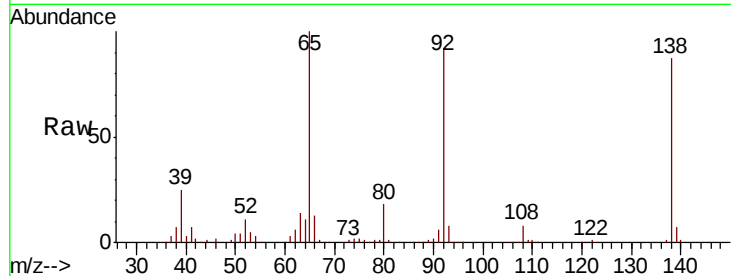
#53
3-Nitroaniline
Concen: 28.583 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	106.0	82.9	124.3

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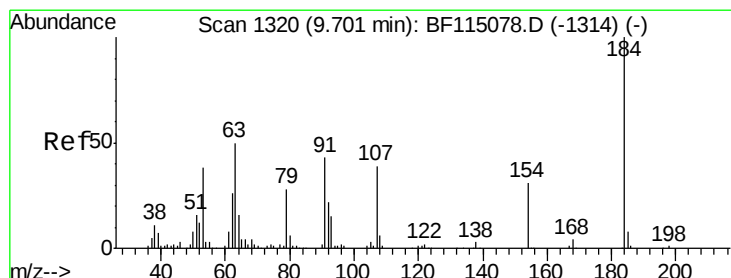
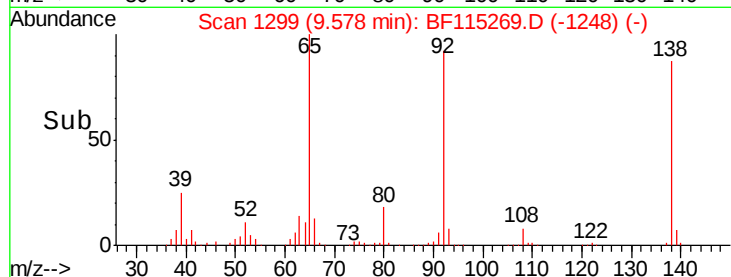
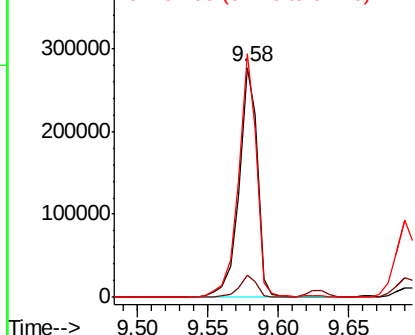


Abundance

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: 99.910 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

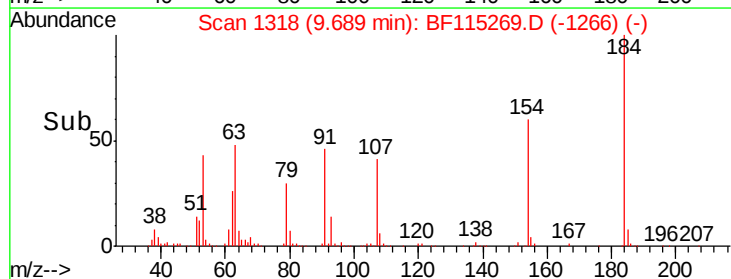
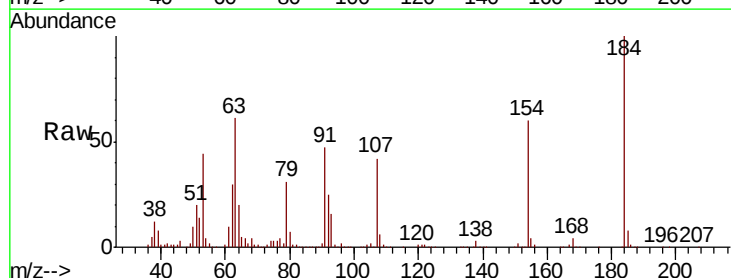
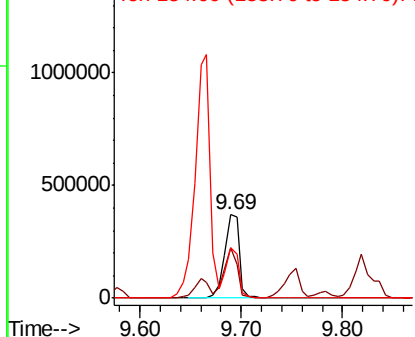
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	41.9	62.9
154	60.1	44.7	67.1

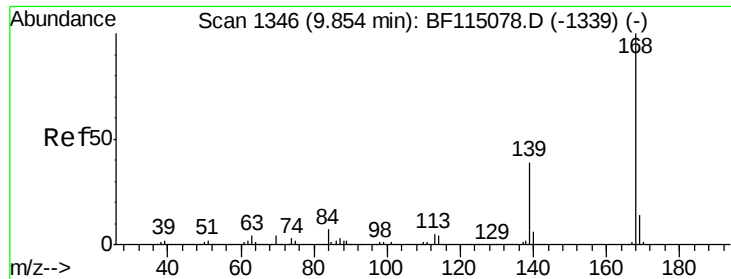
Abundance

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: 43.131 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion:168 Resp: 1655138

Ion Ratio Lower Upper

168 100

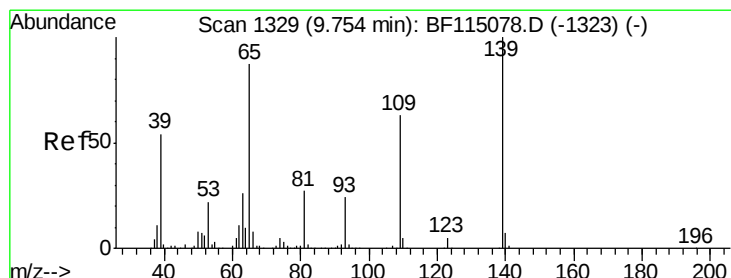
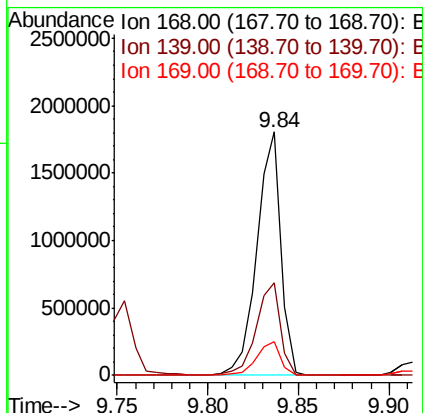
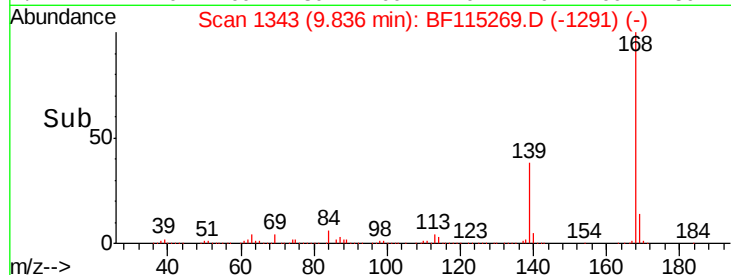
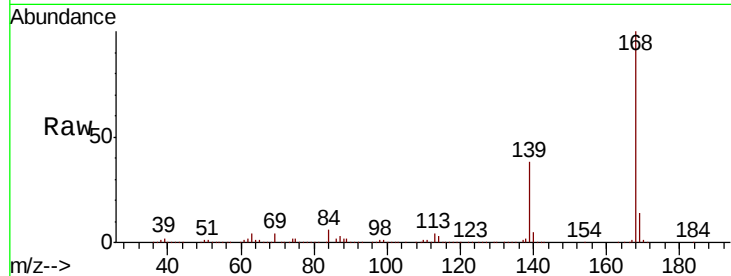
139 37.9 31.1 46.7

169 14.0 11.3 16.9

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#56

4-Nitrophenol

Concen: 83.732 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.02 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

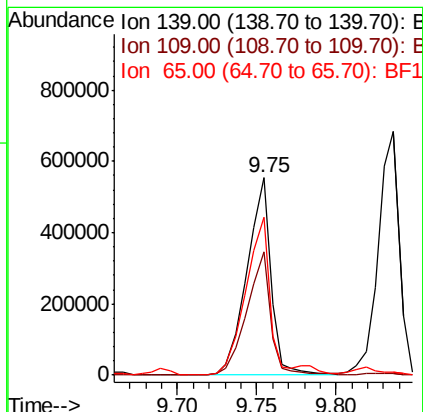
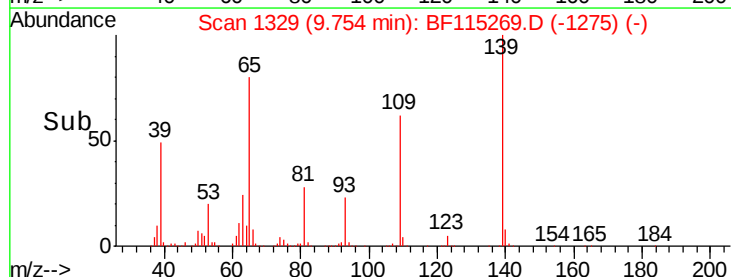
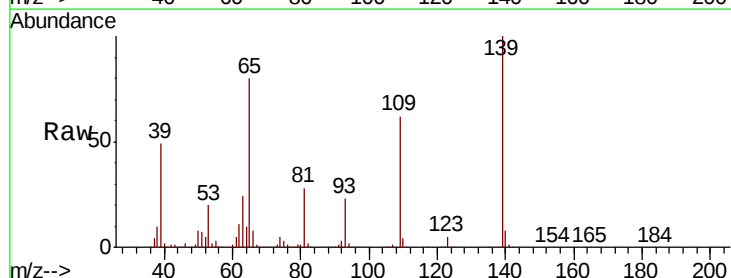
Tgt Ion:139 Resp: 587919

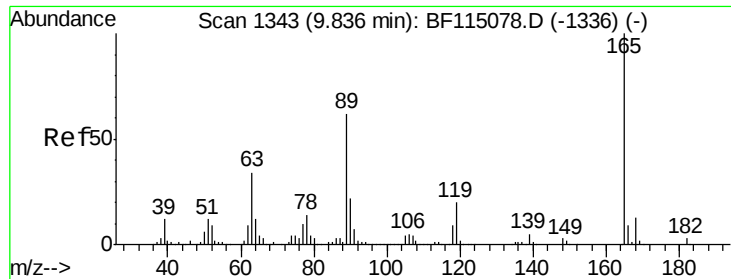
Ion Ratio Lower Upper

139 100

109 62.3 43.0 83.0

65 80.3 67.0 107.0





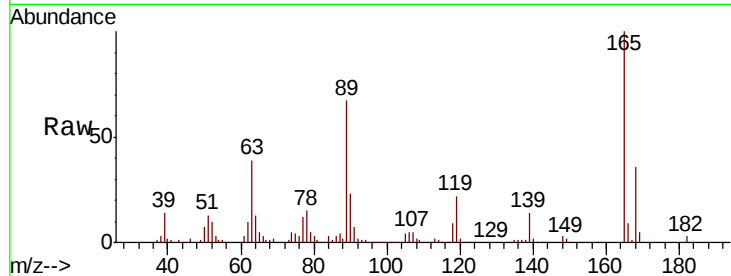
#57
 2,4-Dinitrotoluene
 Concen: 46.411 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

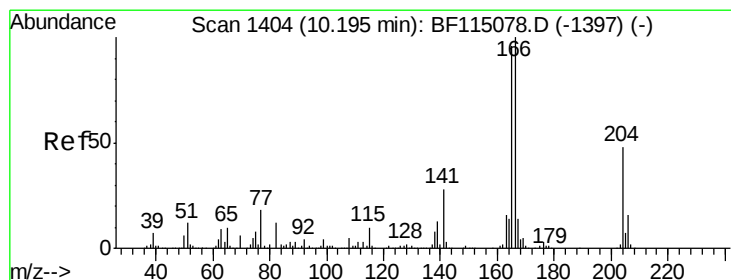
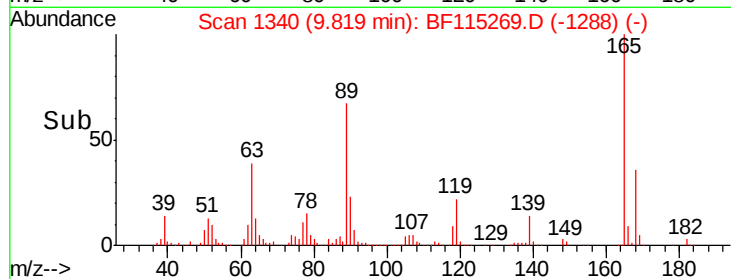
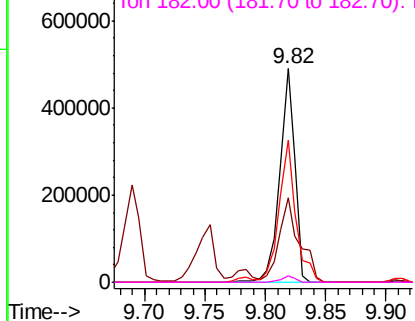
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.4	27.5	41.3	
89	66.6	49.9	74.9	
182	2.7	2.1	3.1	

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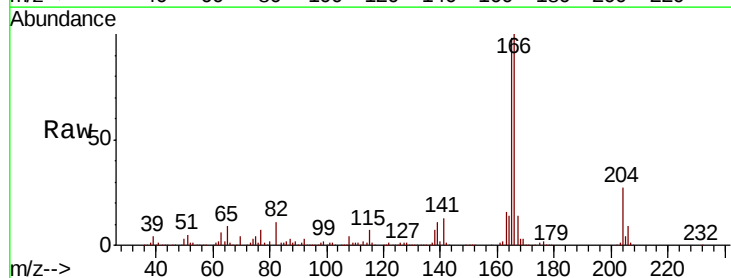


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

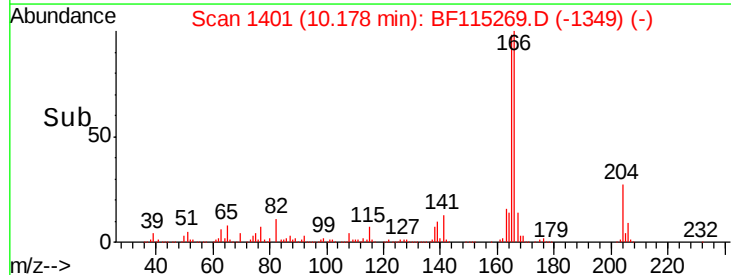
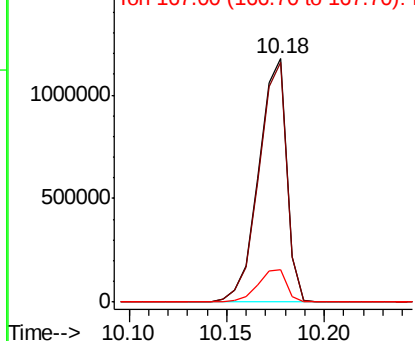


#58
 Fluorene
 Concen: 45.969 ng
 RT: 10.18 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	76.5	114.7	
167	13.5	11.0	16.4	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





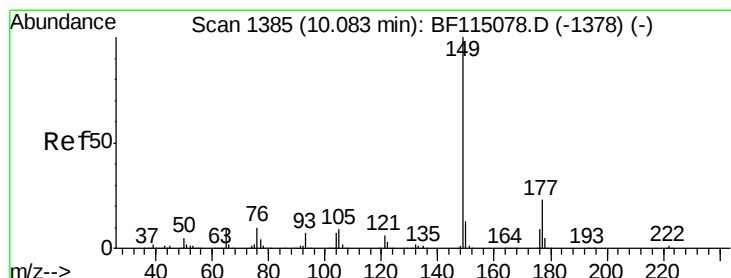
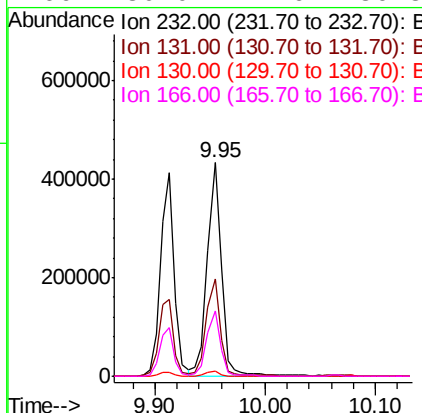
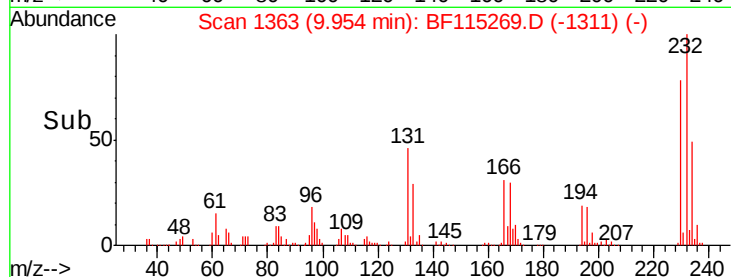
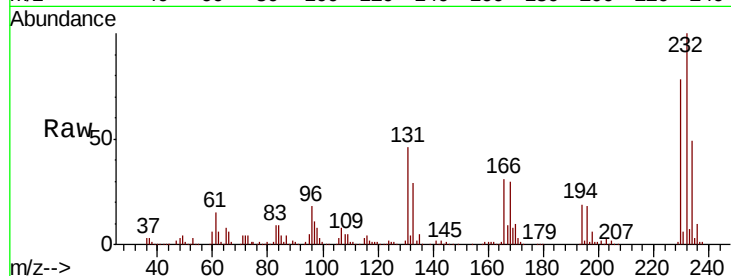
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.705 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		371770		
131	45.5	37.4	56.0		
130	2.2	1.8	2.6		
166	30.0	24.6	36.8		

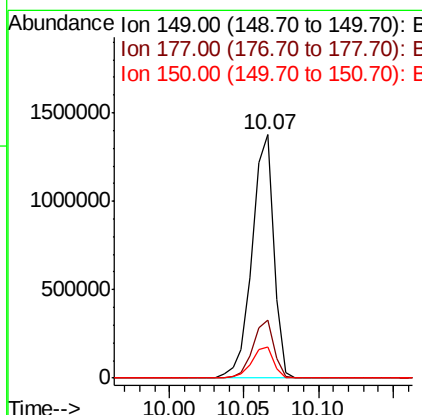
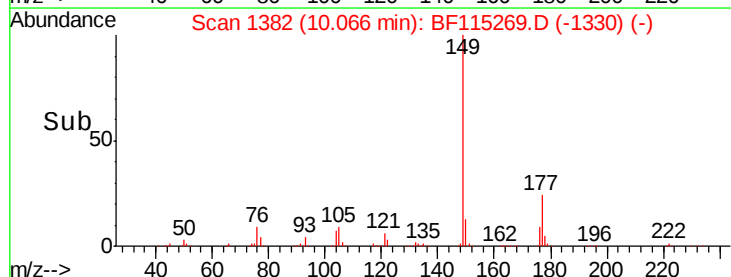
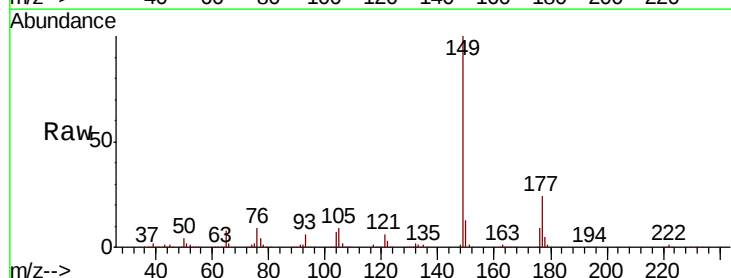
Manual Integrations
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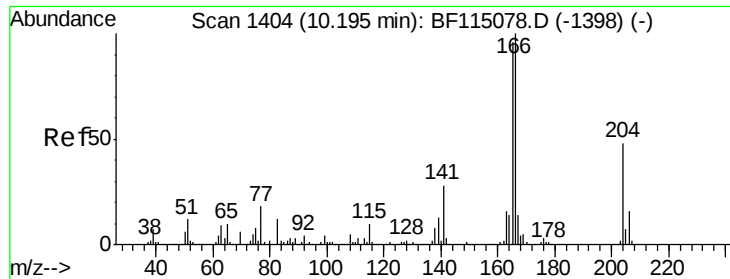
mohammad
 7/1/2019 3:05:31 PM



#60
 Diethylphthalate
 Concen: 44.044 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1376321		
177	23.8	18.7	28.1		
150	12.9	10.4	15.6		





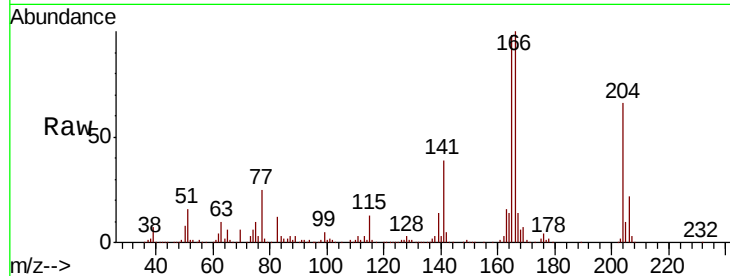
#61
4-Chlorophenyl-phenylether
Concen: 47.575 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	59.2	46.7	70.1

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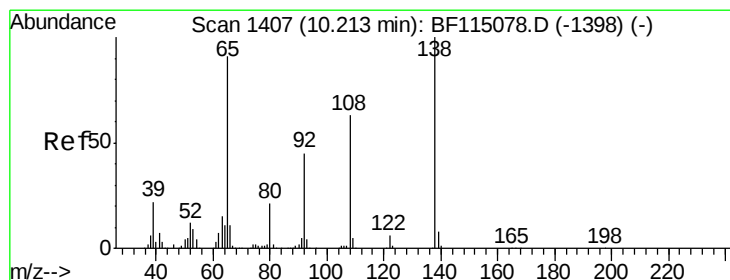
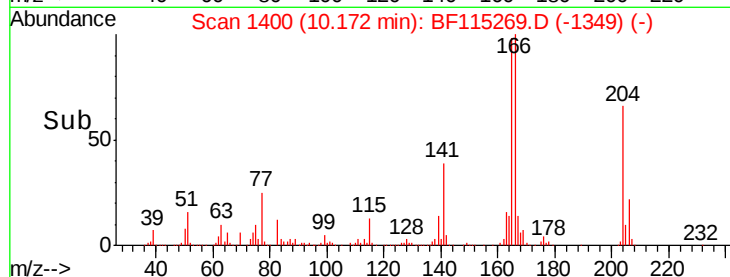
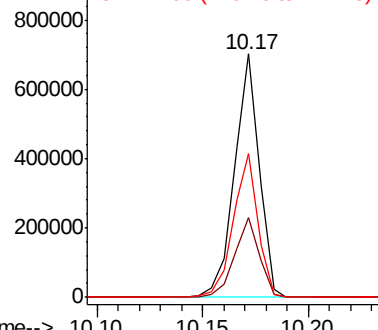


Abundance

Ion 204.00 (203.70 to 204.70): E

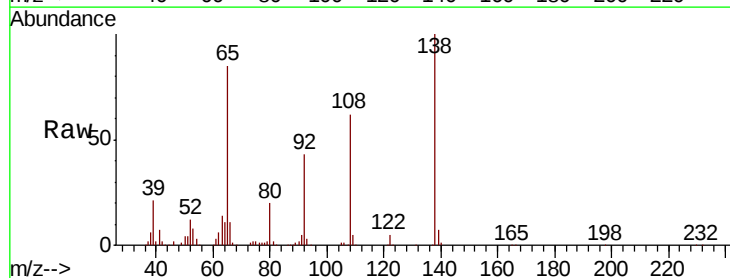
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.879 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.3	24.8	64.8
108	62.1	43.3	83.3

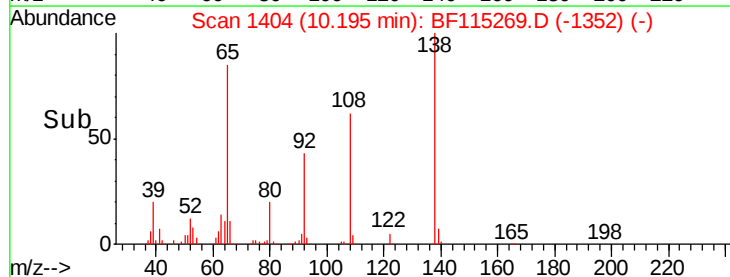
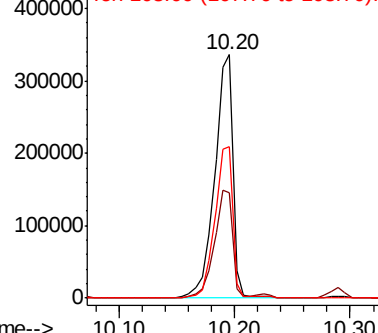


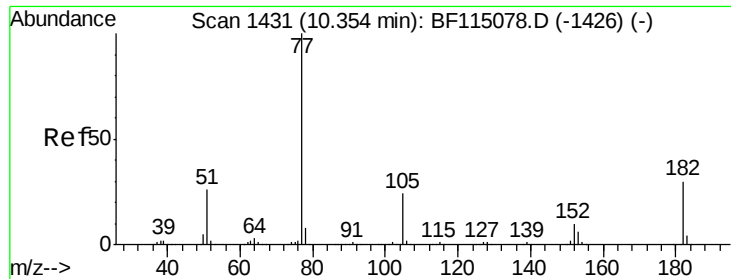
Abundance

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





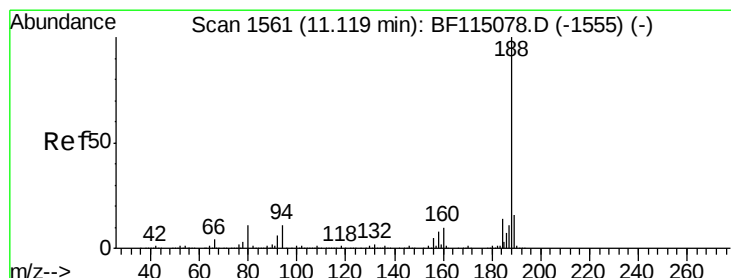
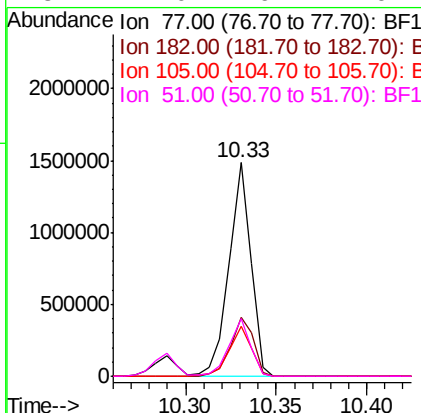
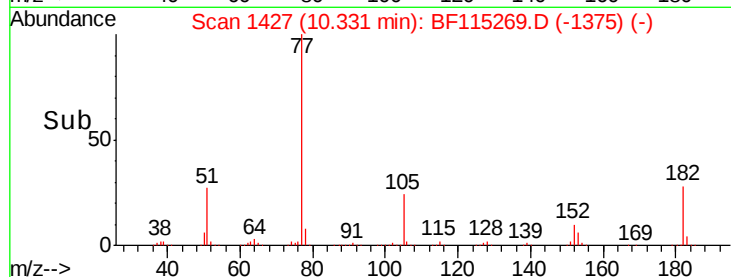
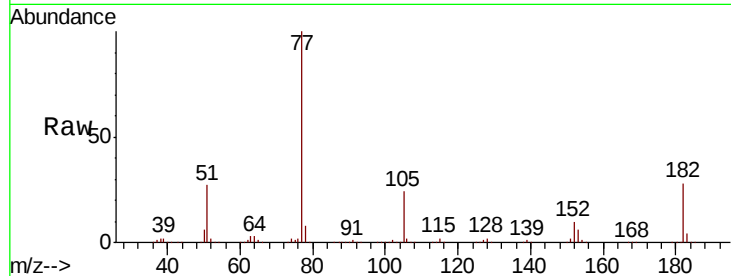
#63
Azobenzene
Concen: 43.142 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.6	10.1	50.1	
105	23.7	4.5	44.5	
51	27.0	6.4	46.4	

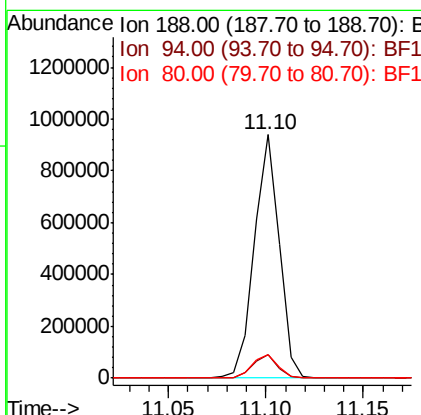
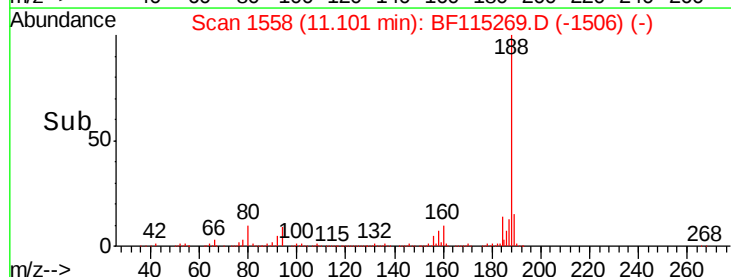
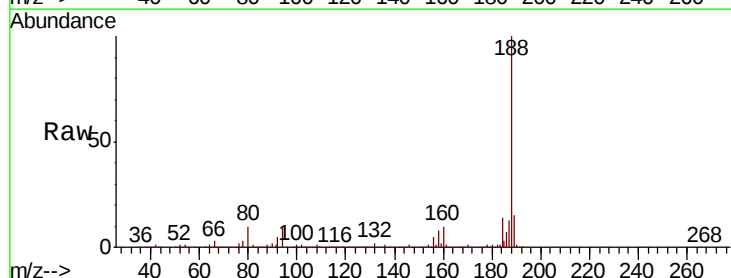
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.6	12.8	
80	9.8	8.8	13.2	





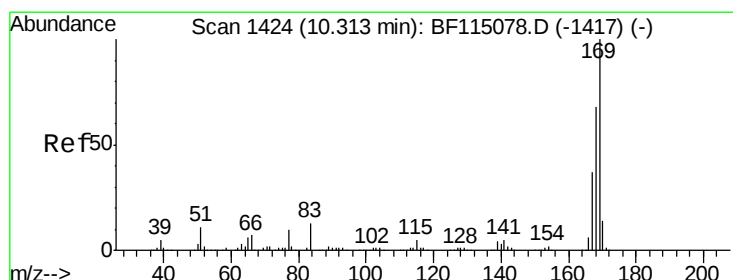
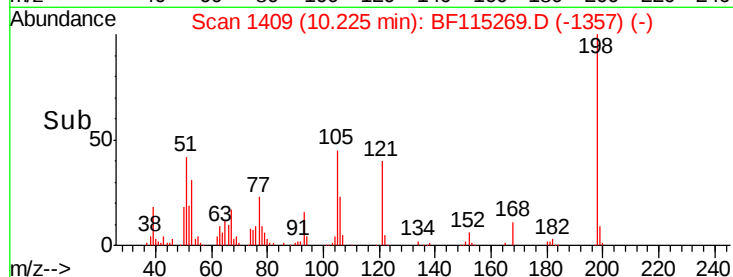
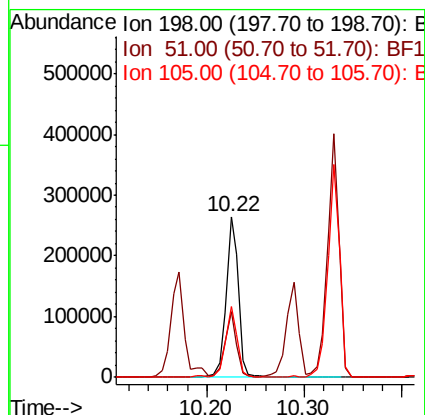
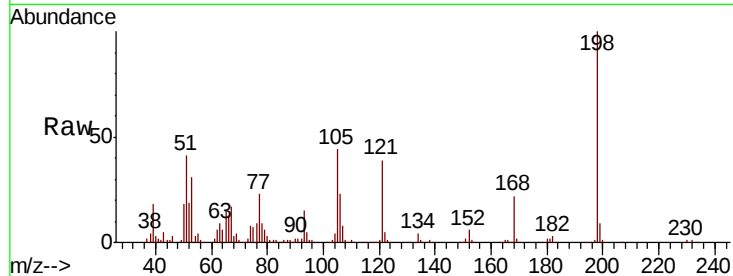
#65
4,6-Dinitro-2-methylphenol
Concen: 51.729 ng
RT: 10.22 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.9	11.0	51.0
105	43.9	17.3	57.3

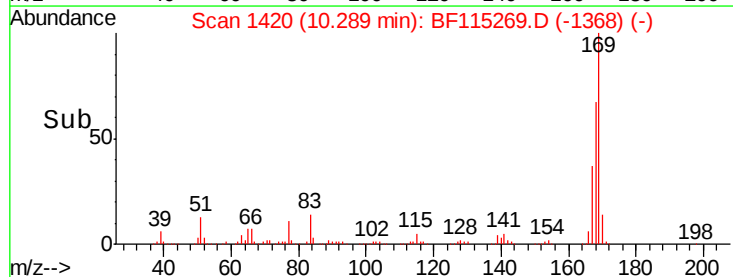
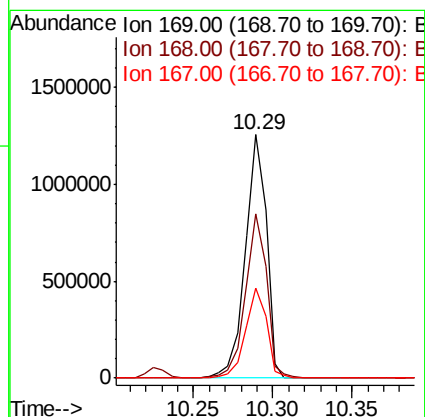
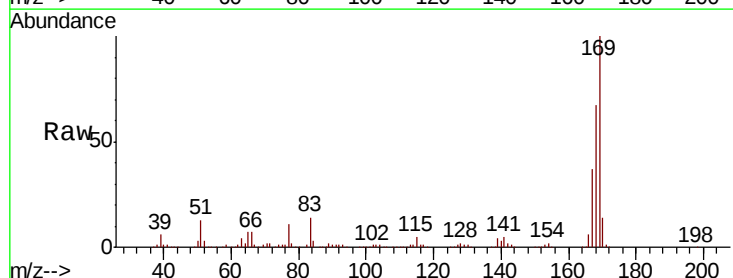
Manual Integrations
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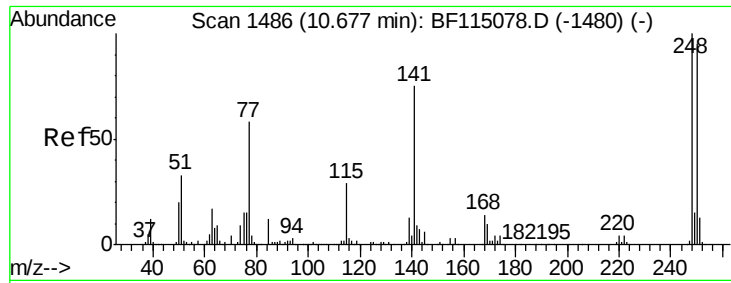
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.582 ng
RT: 10.29 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.2	81.4
167	36.9	29.4	44.0





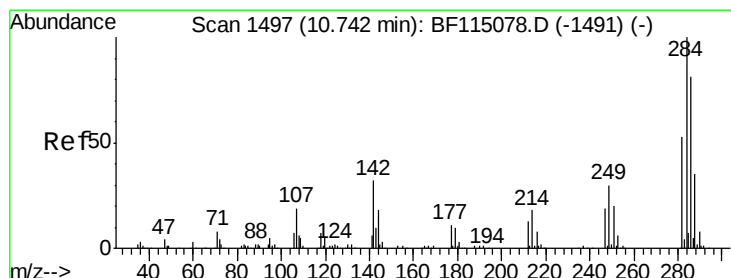
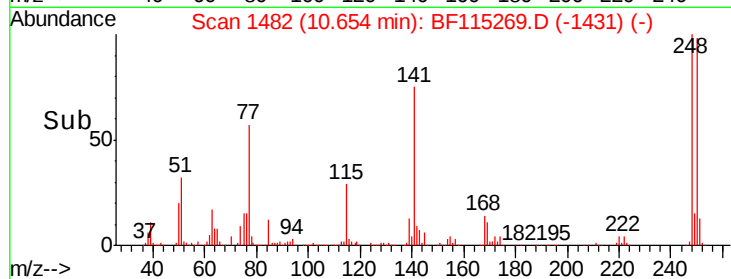
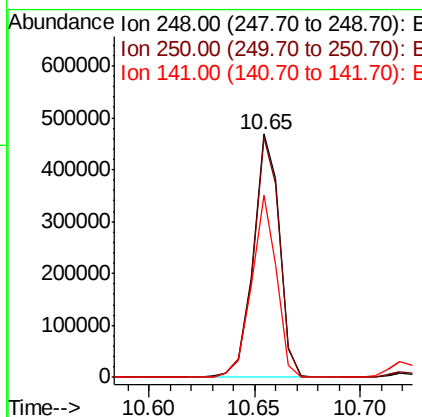
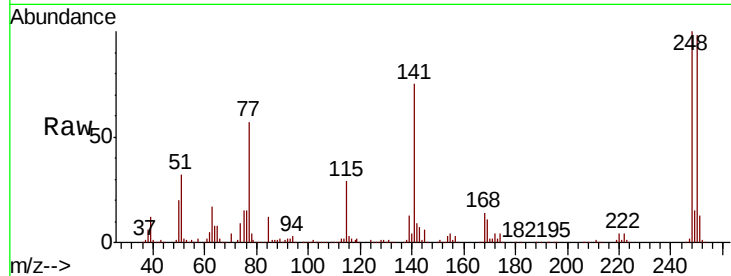
#67
 4-Bromophenyl-phenylether
 Concen: 44.987 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.2	114.2
141	74.6	59.6	89.4

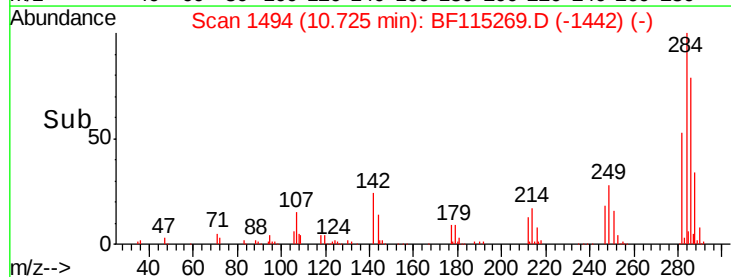
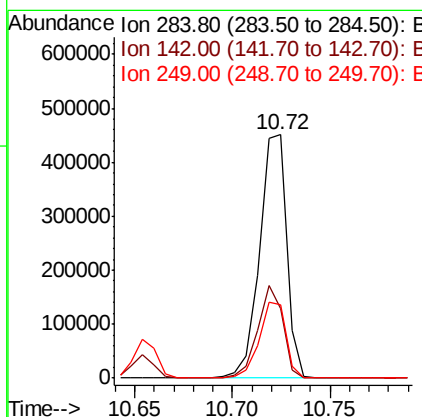
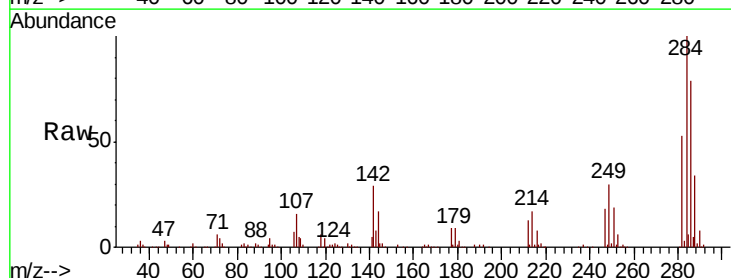
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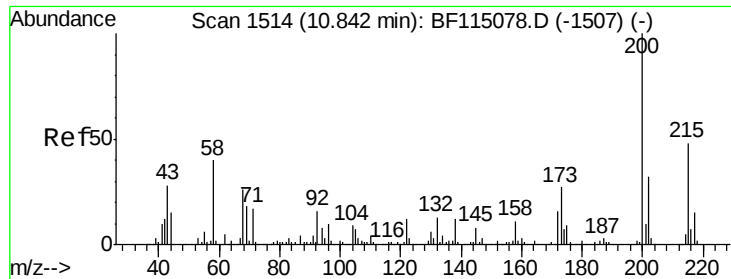
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.545 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	25.8	38.8
249	30.2	24.2	36.4





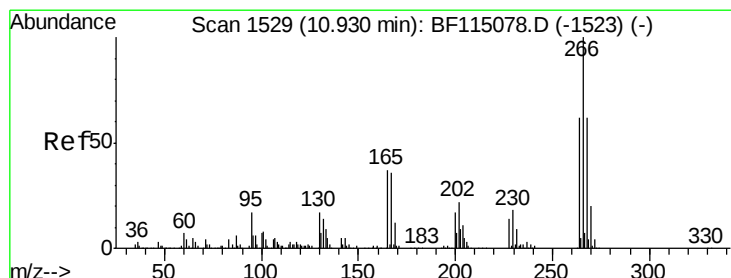
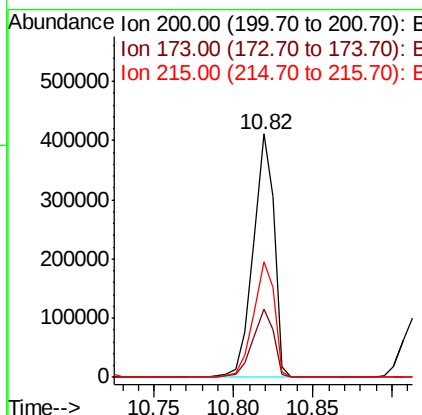
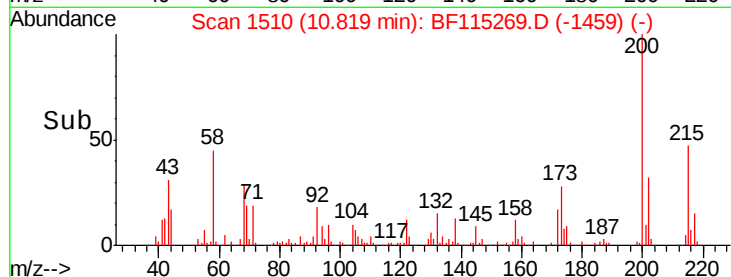
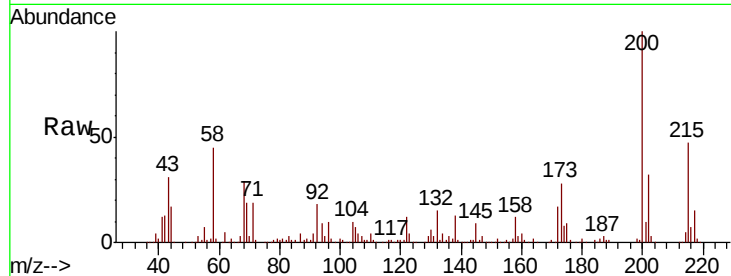
#69
Atrazine
Concen: 45.193 ng
RT: 10.82 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	375789		
173	28.0	7.4	47.4	
215	47.3	27.8	67.8	

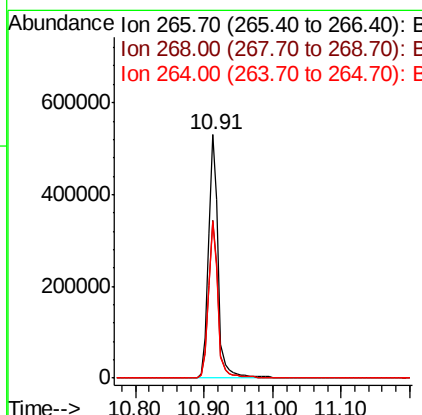
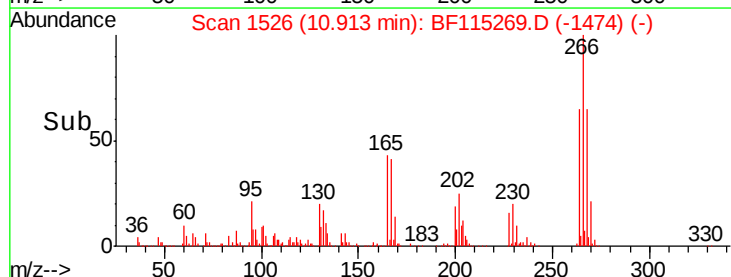
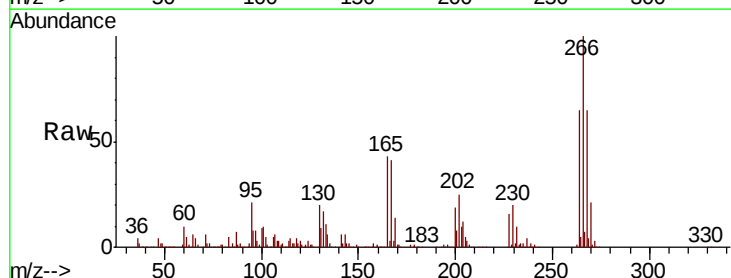
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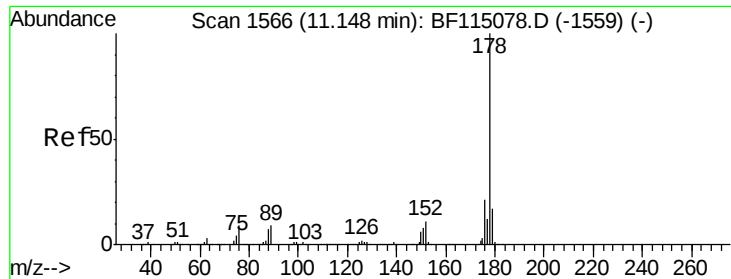
mohammad
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#70
Pentachlorophenol
Concen: 86.548 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	538369		
268	64.6	49.5	74.3	
264	64.5	49.3	73.9	





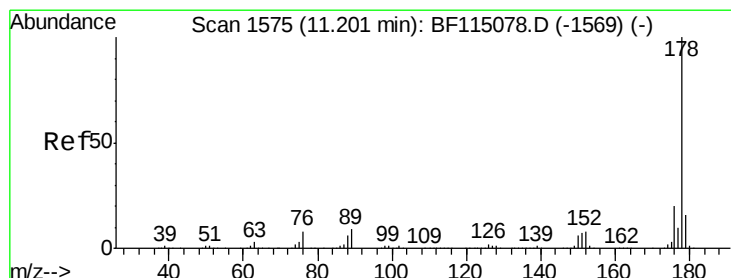
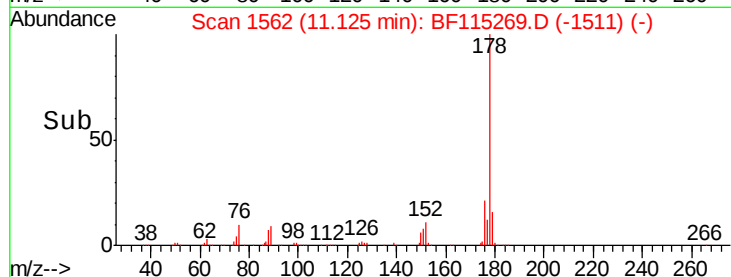
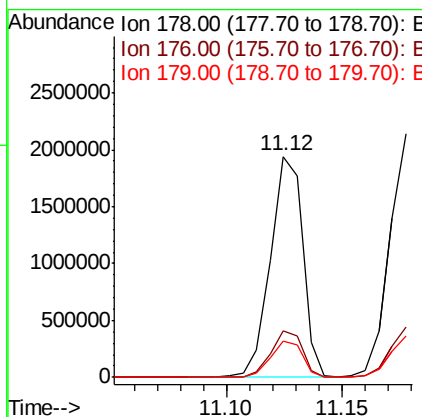
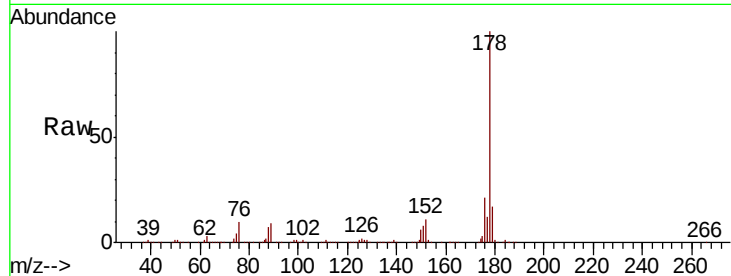
#71
Phenanthrene
Concen: 42.265 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion:178 Resp: 1888051
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.5 13.2 19.8

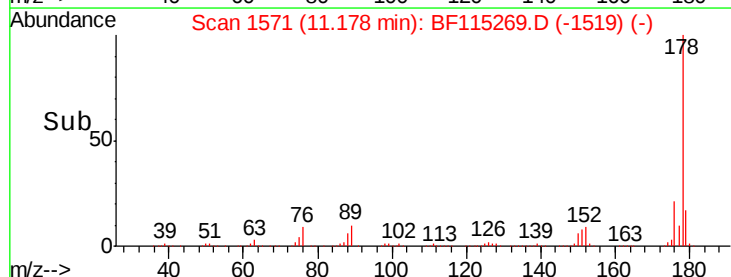
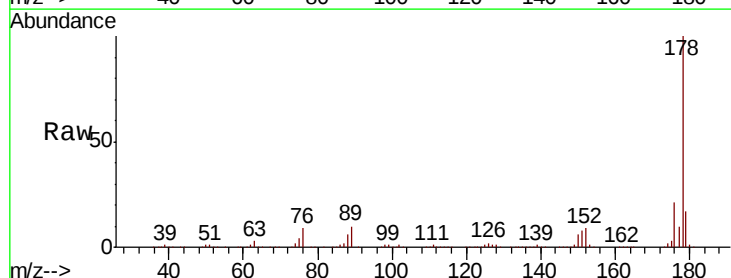
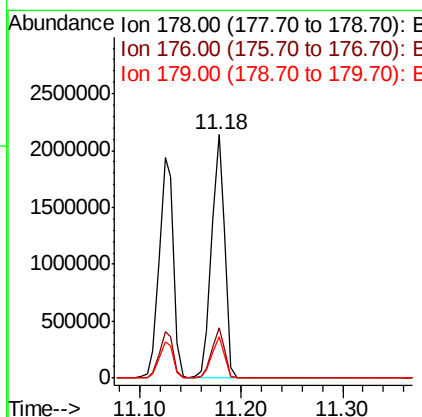
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#72
Anthracene
Concen: 42.811 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion:178 Resp: 1930481
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.9 12.9 19.3





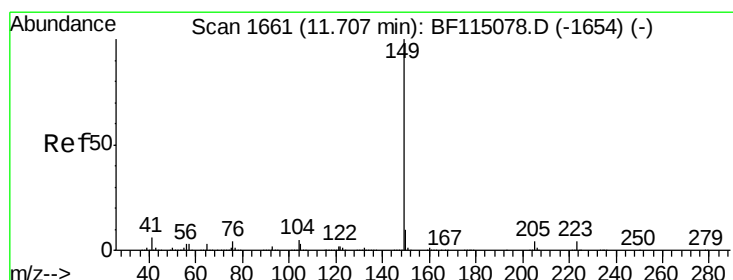
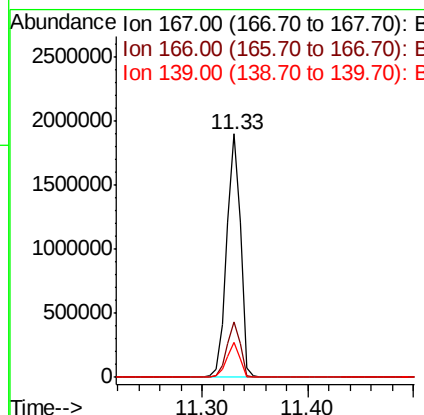
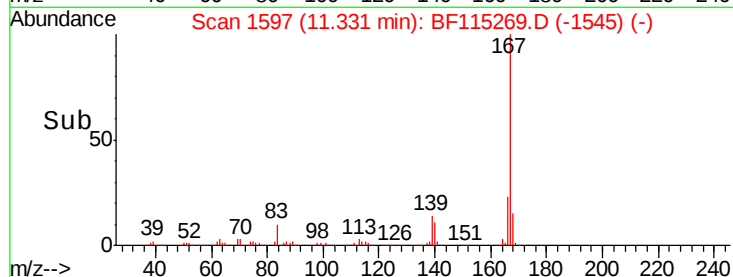
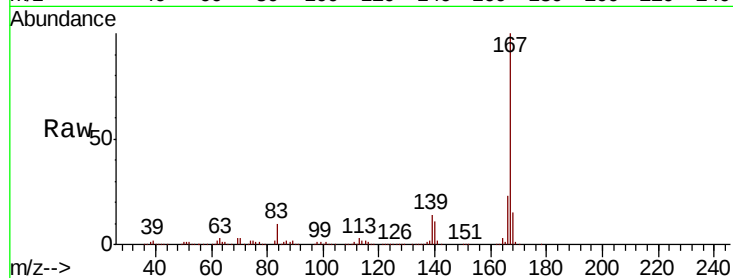
#73
 Carbazole
 Concen: 43.154 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	14.4	11.1	16.7

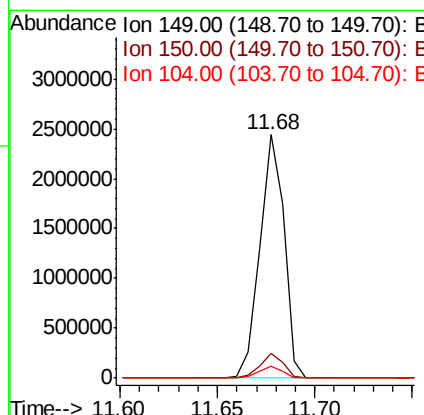
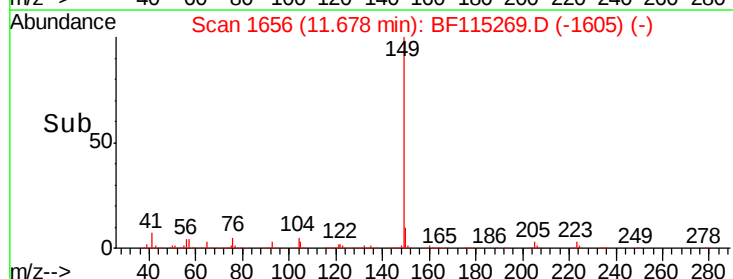
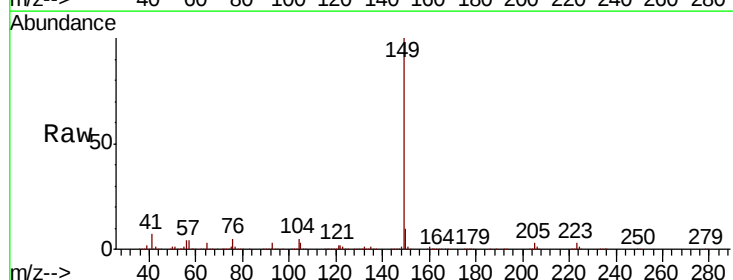
Manual Integrations
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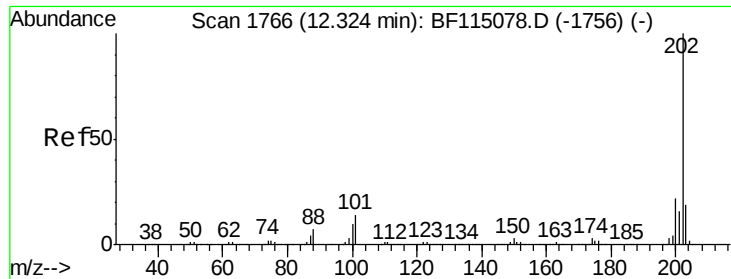
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.071 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.8
104	5.0	3.7	5.5





#75

Fluoranthene

Concen: 43.445 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

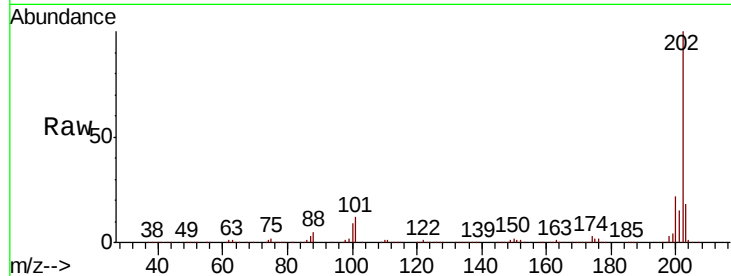
ClientSampleId :

PB120890BSD

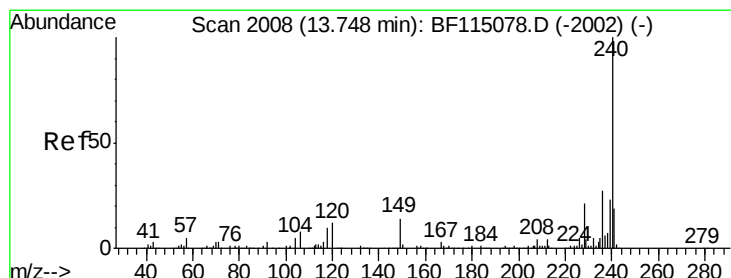
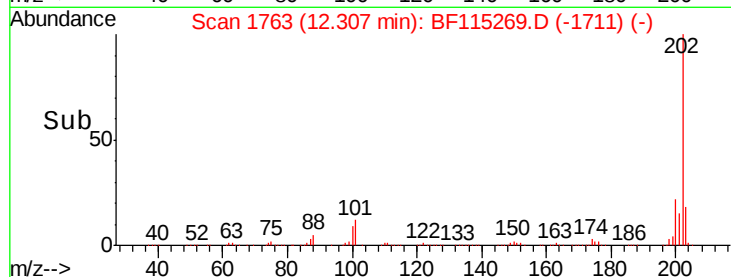
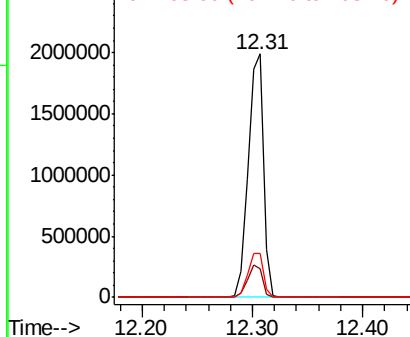
Tot Ion:	202	Resp:	1936400
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.0
203	18.0	0.0	38.8

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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

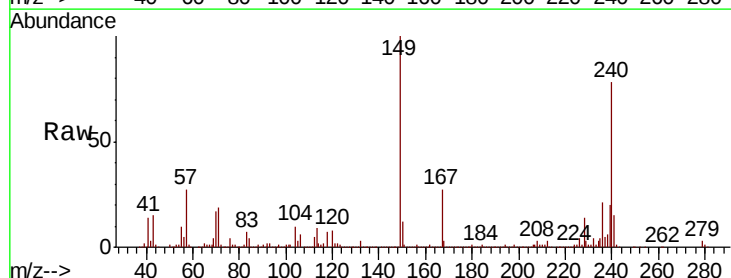
RT: 13.72 min Scan# 2004

Delta R.T. 0.01 min

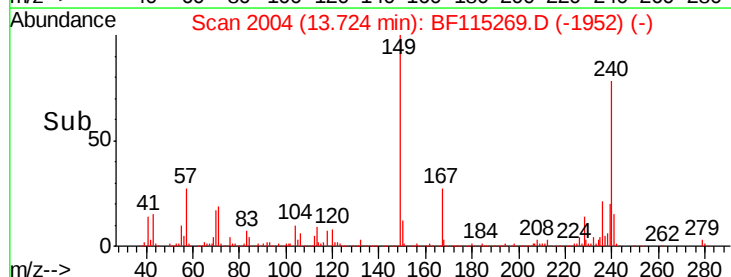
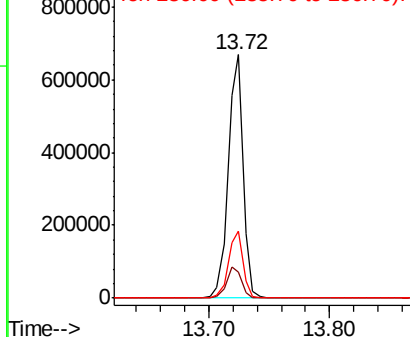
Lab File: BF115269.D

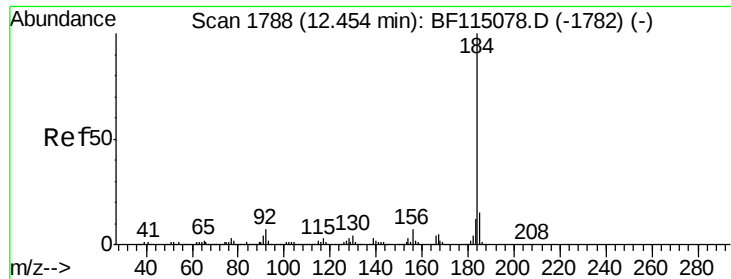
Acq: 28 Jun 2019 9:36

Tgt Ion:	240	Resp:	570857
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.4	14.2
236	27.4	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: 41.736 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleID :

PB120890BSD

Tot Ion:184 Resp: 1057944

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

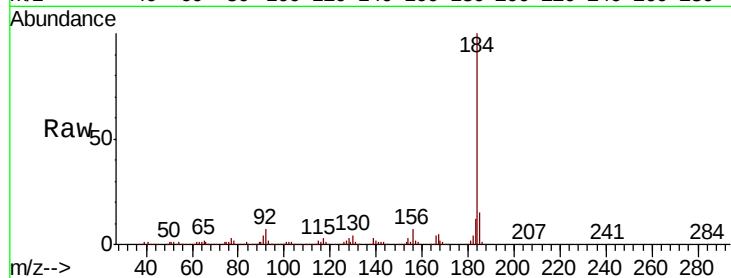
183 12.0 9.6 14.4

Manual Integrations

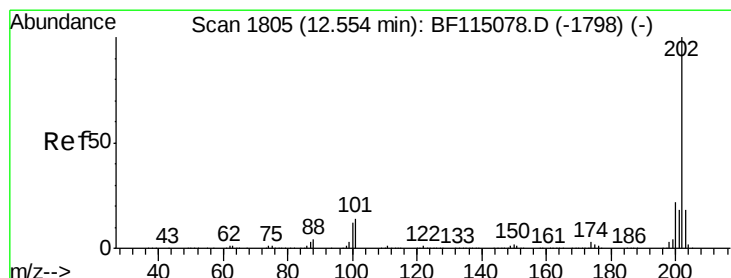
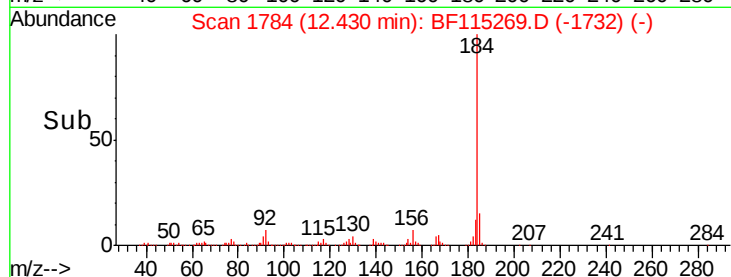
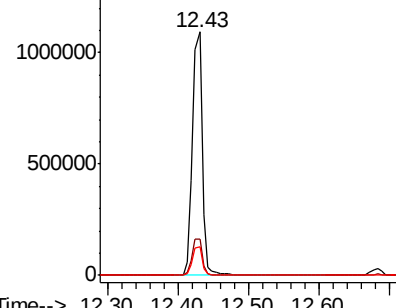
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Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.878 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

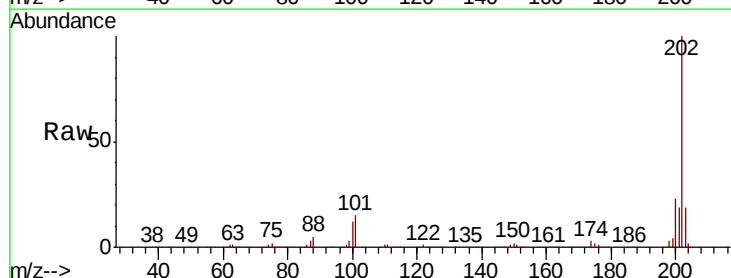
Tgt Ion:202 Resp: 1968836

Ion Ratio Lower Upper

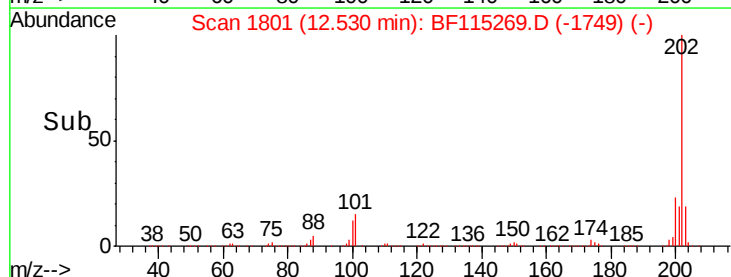
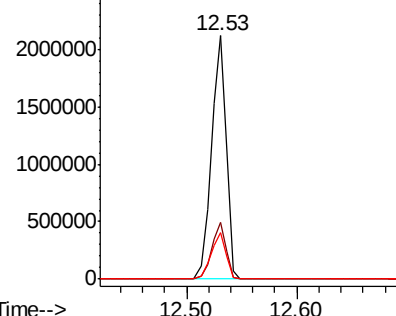
202 100

200 23.4 17.9 26.9

203 19.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





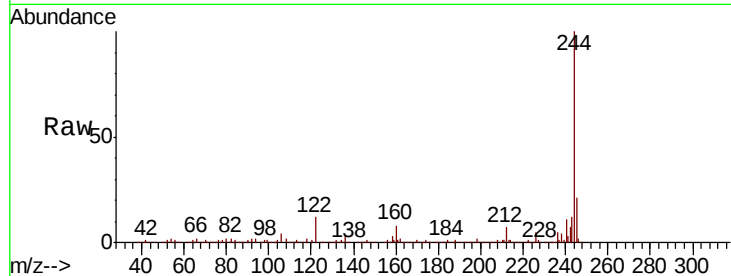
#79
 Terphenyl-d14
 Concen: 91.047 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BSD

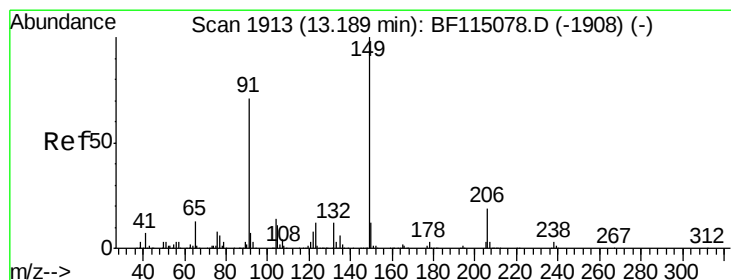
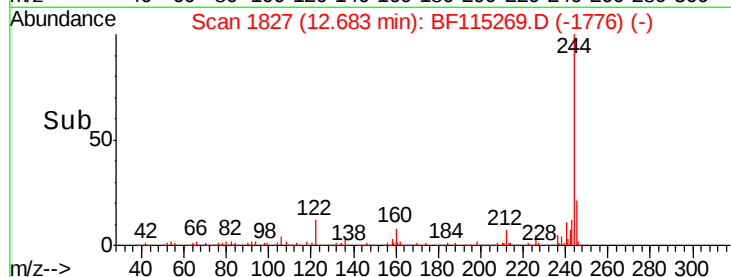
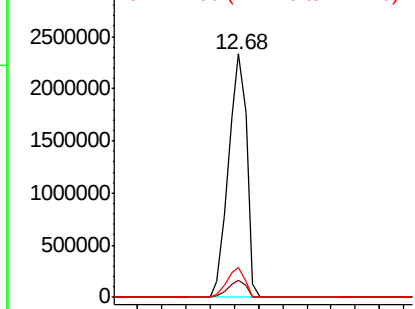
Tot Ion:244 Resp: 2444540
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.4 10.4 15.6

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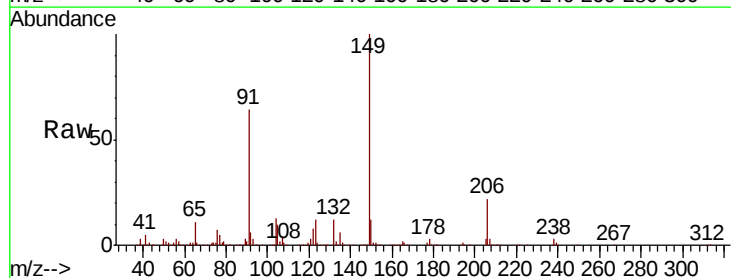


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

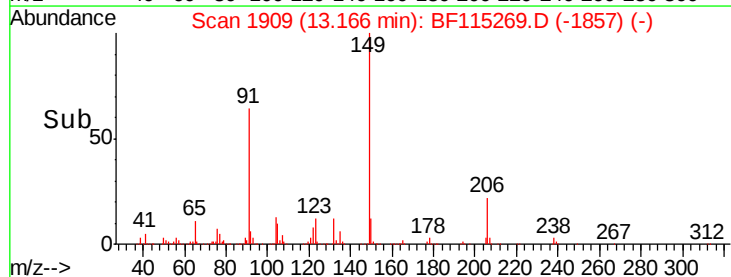
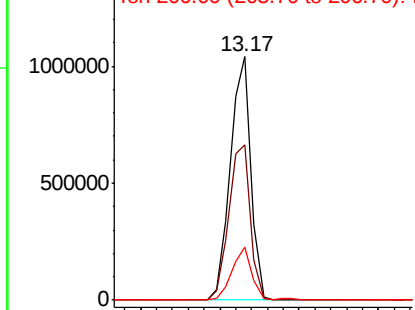


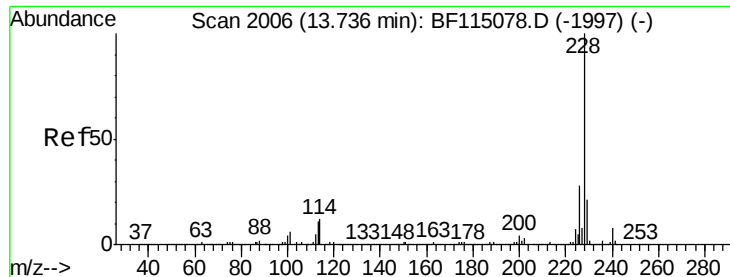
#80
 Butylbenzylphthalate
 Concen: 48.191 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion:149 Resp: 933005
 Ion Ratio Lower Upper
 149 100
 91 63.9 56.5 84.7
 206 21.7 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





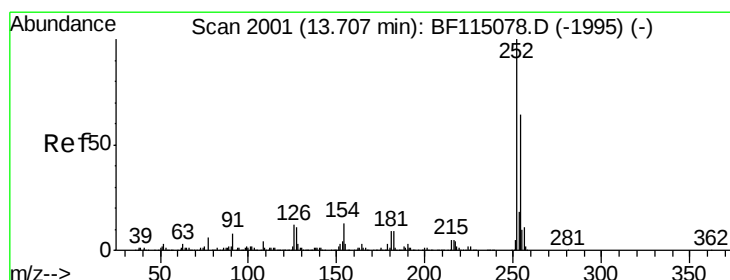
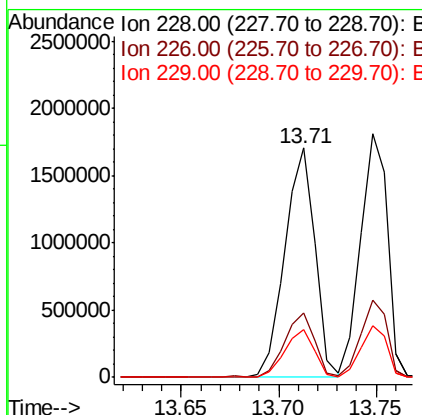
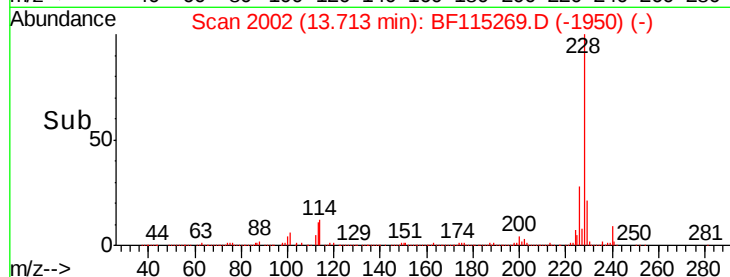
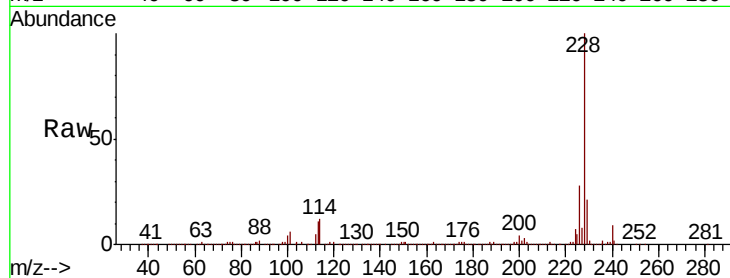
#81
Benzo(a)anthracene
Concen: 44.291 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.7	16.6	24.8

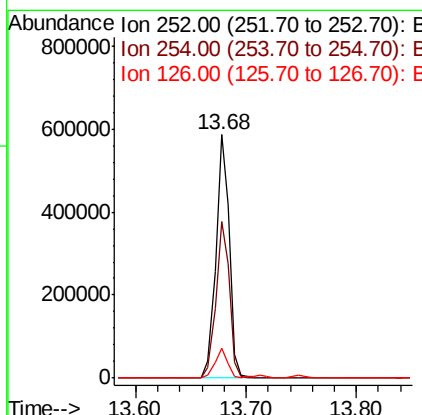
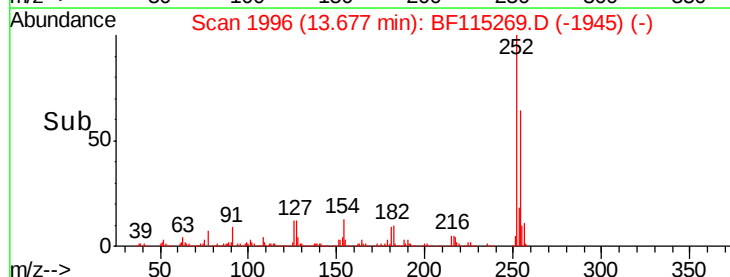
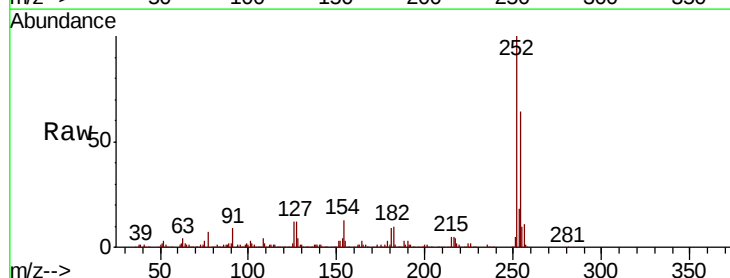
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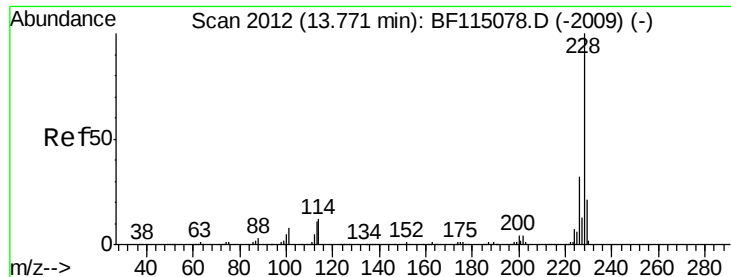
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#82
3,3'-Dichlorobenzidine
Concen: 33.045 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.1	76.7
126	12.4	9.4	14.0





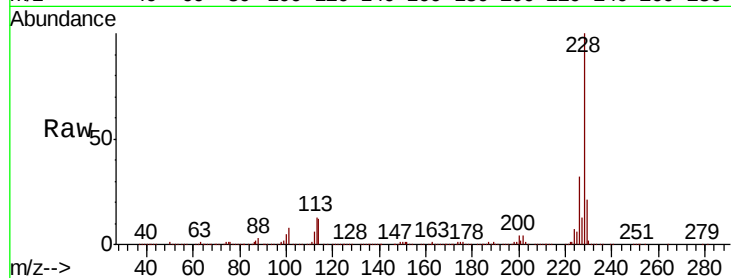
#83
 Chrysene
 Concen: 46.341 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Instrument :
 BNA_F
 ClientSampleID :
 PB120890BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	21.1	16.5	24.7

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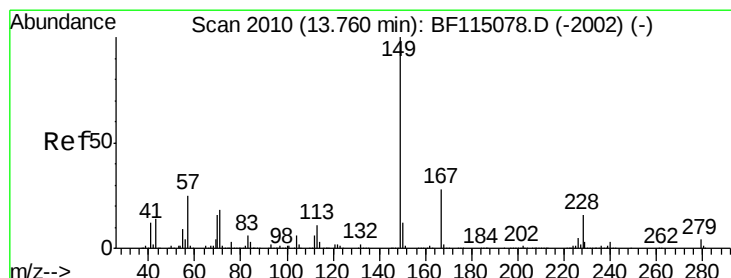
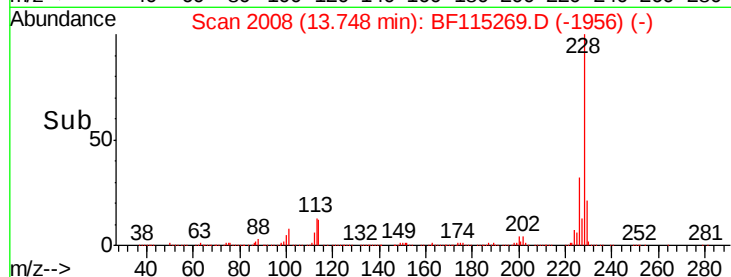
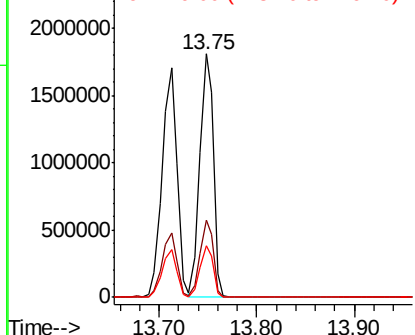


Abundance

Ion 228.00 (227.70 to 228.70): E

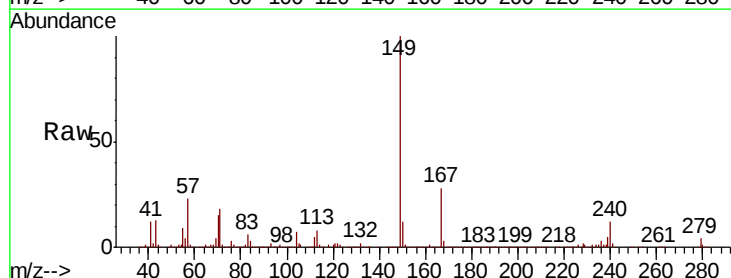
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.916 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115269.D
 Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.1	2.9	4.3

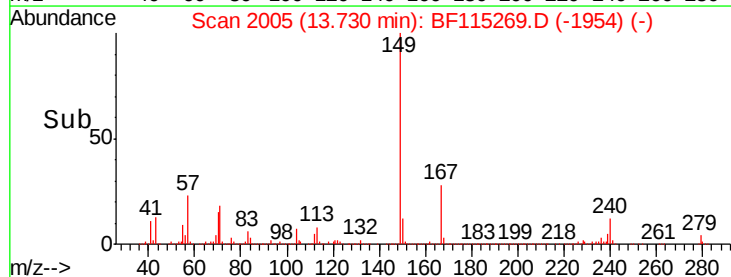
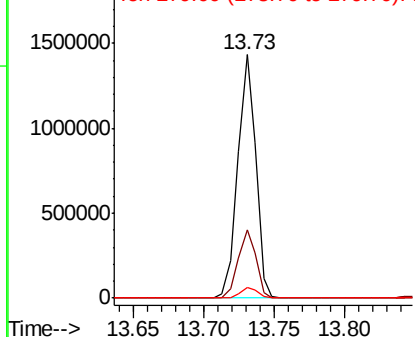


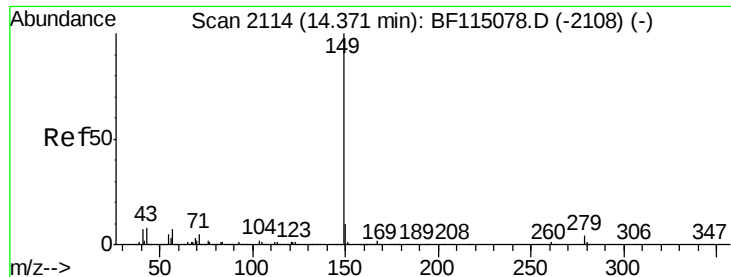
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.474 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

Instrument :

BNA_F

ClientSampleId :

PB120890BSD

Tot Ion:149 Resp: 2151386

Ion Ratio Lower Upper

149 100

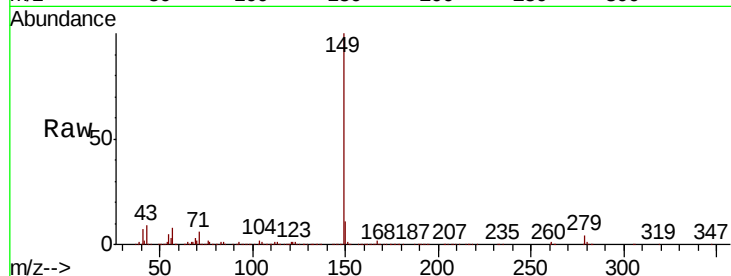
167 1.6 1.2 1.8

43 8.4 7.0 10.6

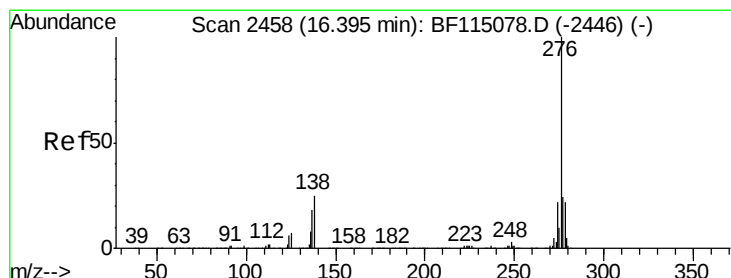
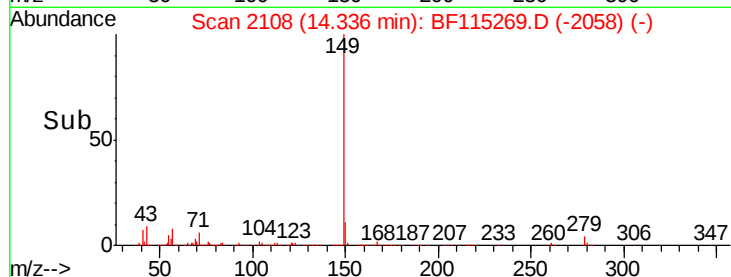
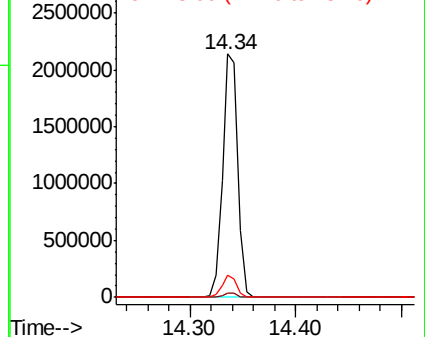
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.876 ng

RT: 16.36 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF115269.D

Acq: 28 Jun 2019 9:36

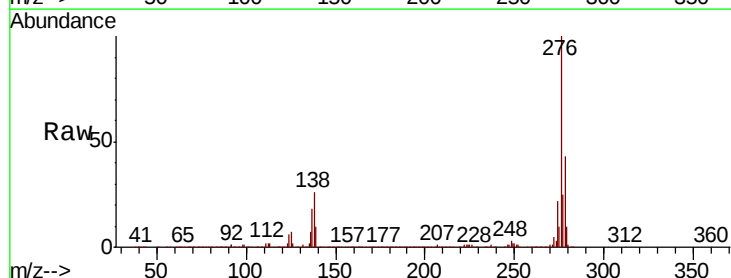
Tgt Ion:276 Resp: 2125611

Ion Ratio Lower Upper

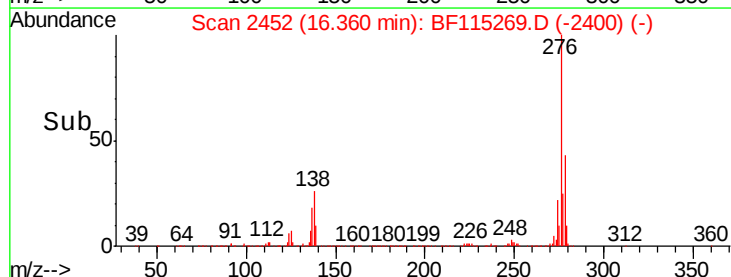
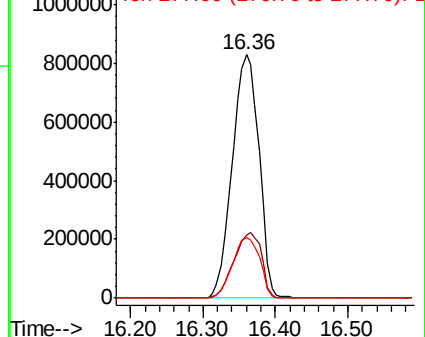
276 100

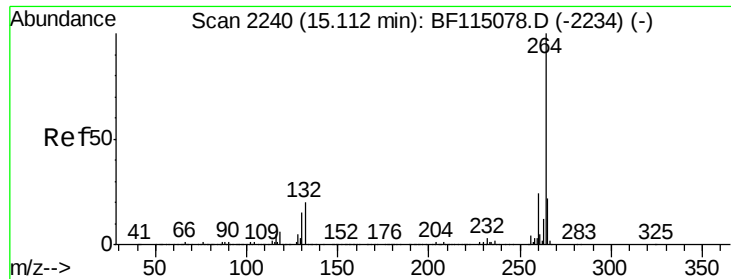
138 27.8 23.2 34.8

277 25.4 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





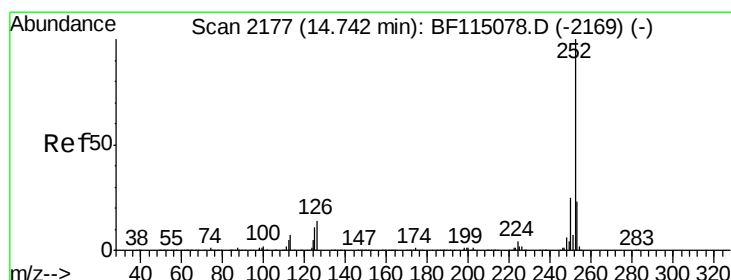
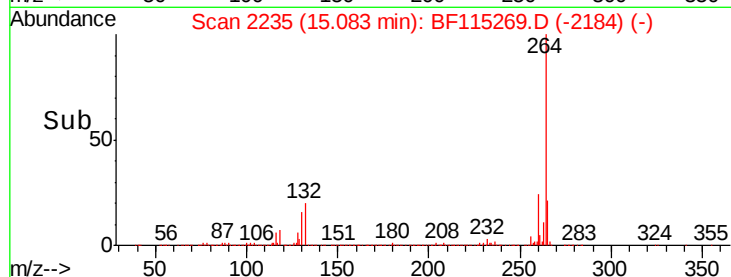
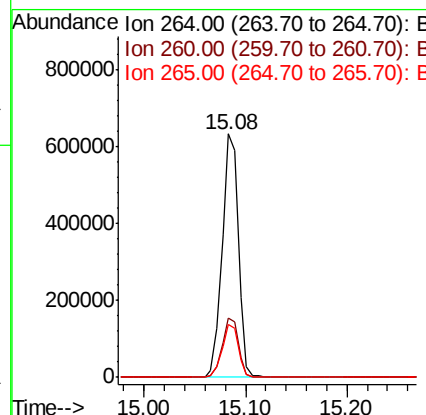
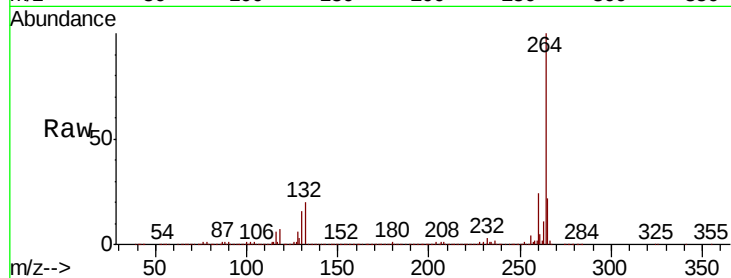
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.5	17.3	25.9

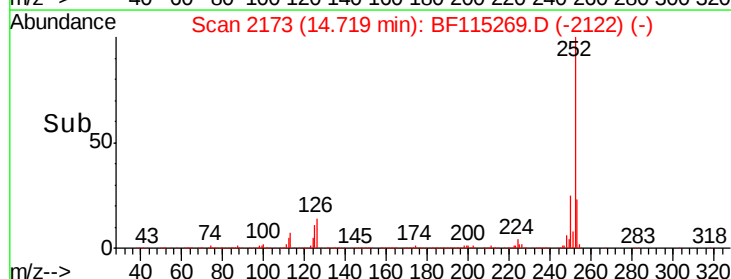
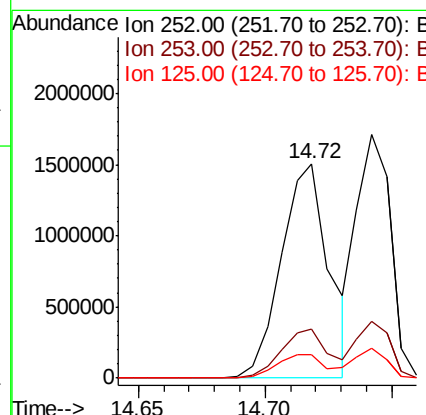
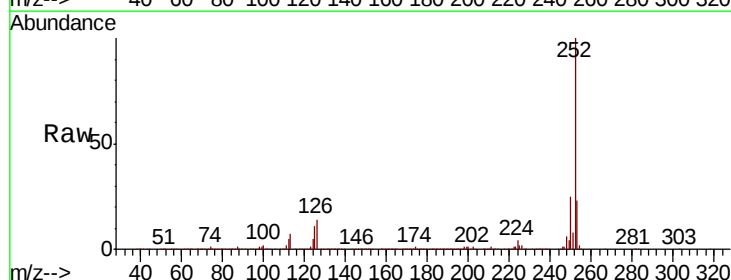
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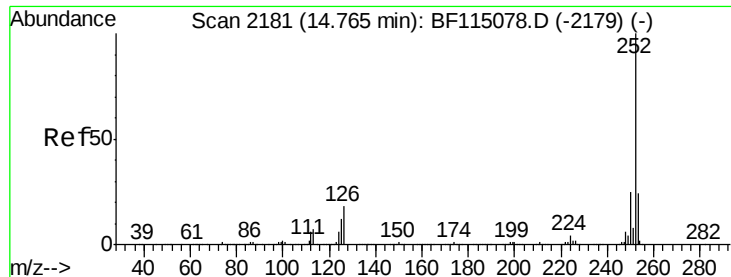
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#88
Benzo(b)fluoranthene
Concen: 44.742 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.8	8.7	13.1





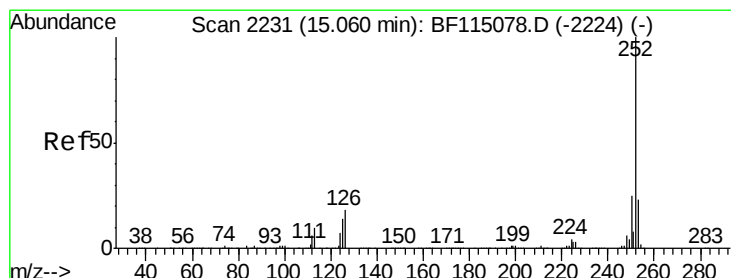
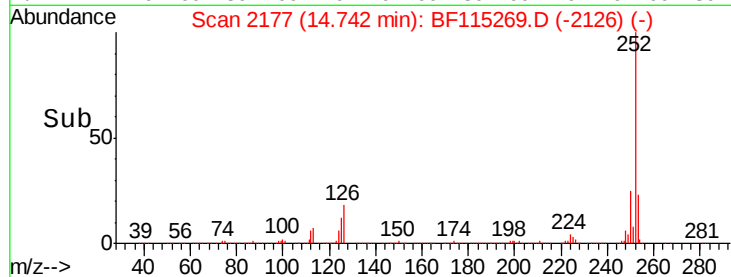
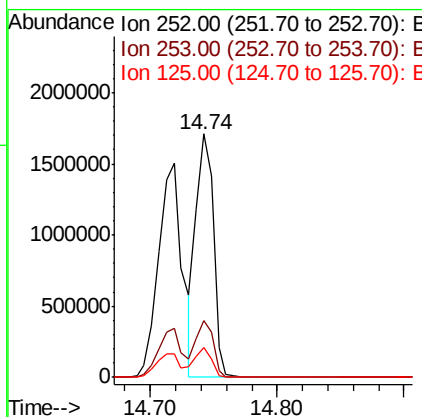
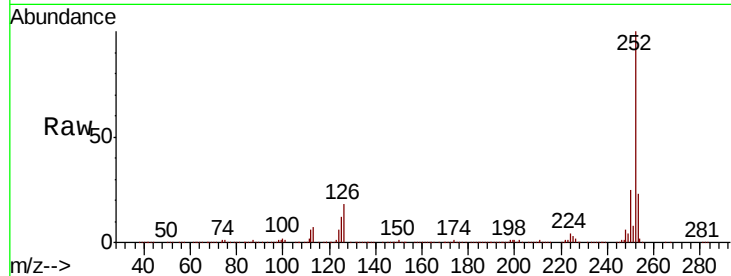
#89
Benzo(k)fluoranthene
Concen: 40.741 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	12.2	10.2	15.2

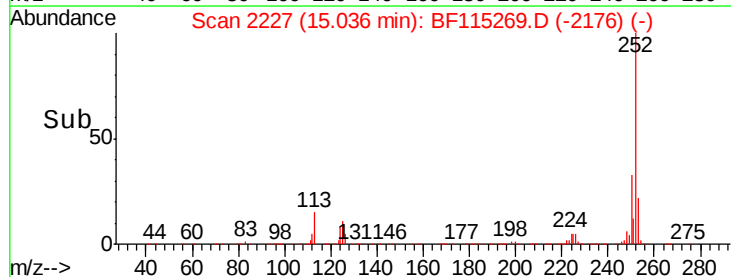
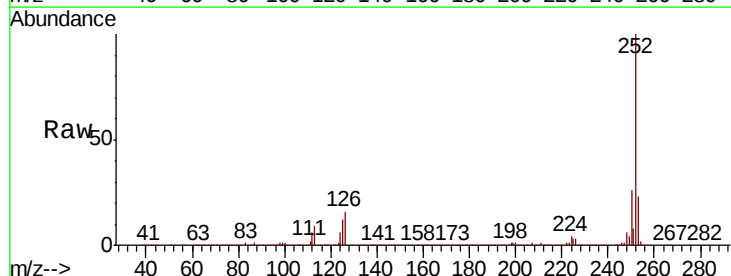
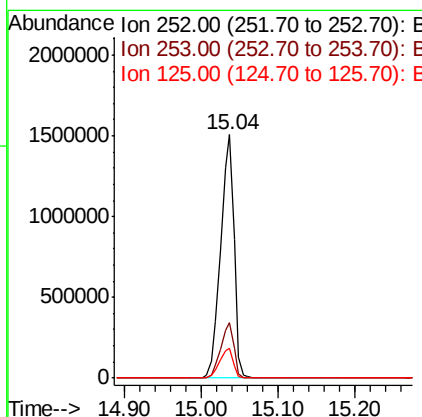
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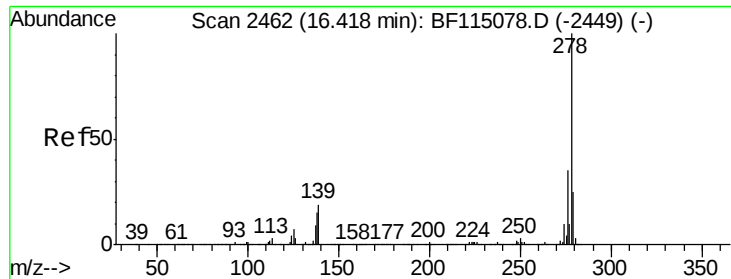
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#90
Benzo(a)pyrene
Concen: 45.355 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	12.4	10.9	16.3





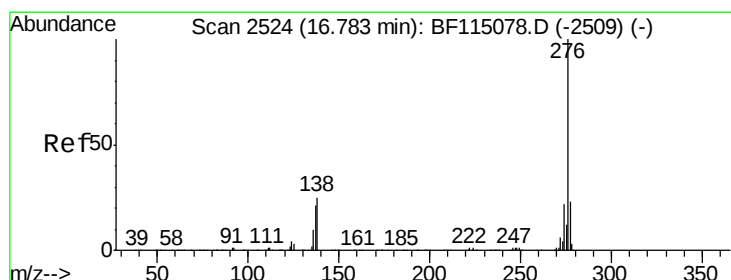
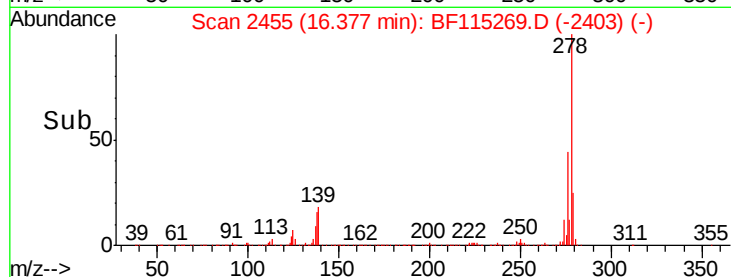
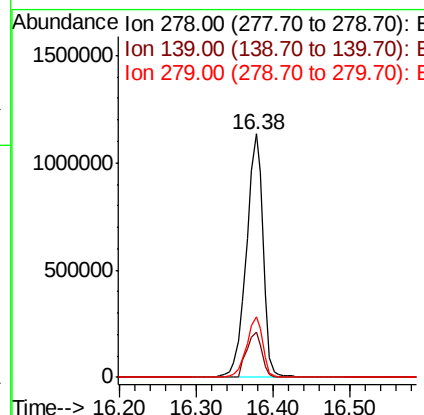
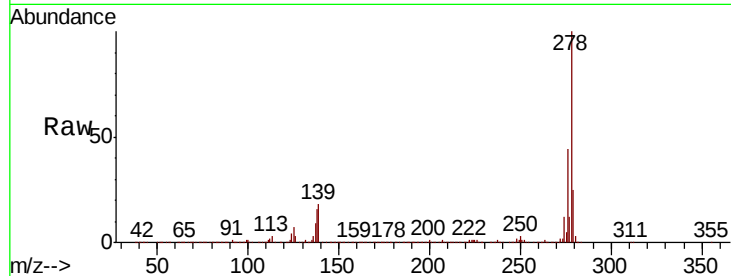
#91
Dibenzo(a,h)anthracene
Concen: 46.540 ng
RT: 16.38 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	18.4	15.4	23.2	
279	25.1	19.9	29.9	

Manual Integrations
APPROVED

mohammad
7/1/2019 3:05:31 PM



#92
Benzo(g,h,i)perylene
Concen: 47.613 ng
RT: 16.74 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF115269.D
Acq: 28 Jun 2019 9:36

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.6	18.6	28.0	
138	25.1	19.8	29.6	

