

Data File : BF115268.D
Acq On : 28 Jun 2019 9:10
Operator : HP/JU
Sample : PB120890BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Quant Time: Jun 29 02:28:14 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	211223	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	819264	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	404684	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	782171	20.00	ng	0.00
76) Chrysene-d12	13.72	240	557936	20.00	ng	0.00
87) Perylene-d12	15.09	264	691456	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1555765	113.66	ng	0.02
7) Phenol-d6	6.25	99	1871725	112.66	ng	0.01
23) Nitrobenzene-d5	7.17	82	1096202	82.31	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	568565	133.23	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2175694	91.32	ng	0.00
79) Terphenyl-d14	12.68	244	2328242	88.72	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.24	88	255320	39.524 ng	99
3) Pyridine	2.90	79	655185	35.985 ng	96
4) n-Nitrosodimethylamine	2.84	42	259740	36.390 ng	94
6) Aniline	6.26	93	640175	28.037 ng	# 22
8) 2-Chlorophenol	6.39	128	635253	41.274 ng	96
9) Benzaldehyde	6.14	77	366265	33.792 ng	96
10) Phenol	6.26	94	733888	37.712 ng	90
11) bis(2-Chloroethyl)ether	6.34	93	578589	40.334 ng	100
12) 1,3-Dichlorobenzene	6.54	146	691596	40.489 ng	99
13) 1,4-Dichlorobenzene	6.62	146	707187	41.287 ng	99
14) 1,2-Dichlorobenzene	6.77	146	650516	41.011 ng	99
15) Benzyl Alcohol	6.75	79	488365	40.369 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	817349	39.285 ng	99
17) 2-Methylphenol	6.87	107	529794	41.703 ng	98
18) Hexachloroethane	7.11	117	248528	40.247 ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	400655	37.669 ng	99
20) 3+4-Methylphenols	7.02	107	620023	42.267 ng	# 87
22) Acetophenone	7.01	105	840732	44.826 ng	# 97
24) Nitrobenzene	7.18	77	637956	43.481 ng	97
25) Isophorone	7.42	82	1159510	42.500 ng	99
26) 2-Nitrophenol	7.50	139	358405	49.464 ng	98
27) 2,4-Dimethylphenol	7.55	122	594278	50.093 ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	745222	43.217 ng	99
29) 2,4-Dichlorophenol	7.74	162	557453	45.532 ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	603592	44.633 ng	100
31) Naphthalene	7.91	128	1817232	45.187 ng	99
32) Benzoic acid	7.68	122	410819	48.513 ng	98
33) 4-Chloroaniline	7.95	127	481482	26.197 ng	99
34) Hexachlorobutadiene	8.03	225	329000	44.394 ng	100
35) Caprolactam	8.32	113	99861	24.261 ng	98
36) 4-Chloro-3-methylphenol	8.44	107	555183	44.777 ng	98
37) 2-Methylnaphthalene	8.60	142	1239492	45.712 ng	99
38) 1-Methylnaphthalene	8.70	142	1162350	44.883 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	525740	45.974 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	659979	97.329	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	402843	45.629	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	424528	46.693	ng	98
46) 1,1'-Biphenyl	9.06	154	1458770	45.051	ng	99
47) 2-Chloronaphthalene	9.08	162	1165853	44.387	ng	97
48) 2-Nitroaniline	9.17	65	328352	42.880	ng	96
49) Acenaphthylene	9.49	152	1828980	44.694	ng	99
50) Dimethylphthalate	9.37	163	1317243	44.242	ng	99
51) 2,6-Dinitrotoluene	9.42	165	311708	45.348	ng	96
52) Acenaphthene	9.67	154	1058145	41.322	ng	99
53) 3-Nitroaniline	9.58	138	241837	28.830	ng	97
54) 2,4-Dinitrophenol	9.70	184	343632	95.578	ng	94
55) Dibenzofuran	9.84	168	1587232	43.186	ng	99
56) 4-Nitrophenol	9.75	139	558450	83.042	ng	96
57) 2,4-Dinitrotoluene	9.82	165	407851	45.953	ng	93
58) Fluorene	10.18	166	1121689	45.983	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	356227	46.726	ng	97
60) Diethylphthalate	10.07	149	1294712	43.260	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	555401	48.253	ng	99
62) 4-Nitroaniline	10.20	138	347734	41.323	ng	98
63) Azobenzene	10.33	77	1204766	43.098	ng	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	211527	50.534	ng	83
66) n-Nitrosodiphenylamine	10.29	169	1101777	45.213	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	385805	45.494	ng	98
68) Hexachlorobenzene	10.72	284	417613	45.369	ng	96
69) Atrazine	10.82	200	355115	45.302	ng	98
70) Pentachlorophenol	10.91	266	508875	86.777	ng	97
71) Phenanthrene	11.13	178	1790622	42.519	ng	99
72) Anthracene	11.18	178	1840849	43.304	ng	99
73) Carbazole	11.33	167	1639890	43.200	ng	99
74) Di-n-butylphthalate	11.68	149	1980465	45.149	ng	99
75) Fluoranthene	12.31	202	1825205	43.438	ng	98
77) Benzidine	12.43	184	985967	39.798	ng	99
78) Pyrene	12.53	202	1905884	44.449	ng	99
80) Butylbenzylphthalate	13.17	149	880571	46.536	ng	94
81) Benzo(a)anthracene	13.71	228	1762422	44.023	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	466930	32.298	ng	99
83) Chrysene	13.75	228	1657591	45.201	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1205849	48.634	ng	99
85) Di-n-octyl phthalate	14.34	149	2104899	50.527	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2106316	48.540	ng	99
88) Benzo(b)fluoranthene	14.72	252	1885610	43.704	ng	99
89) Benzo(k)fluoranthene	14.75	252	1634271	42.238	ng	100
90) Benzo(a)pyrene	15.04	252	1766068	45.415	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1719101	47.353	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1786310	48.616	ng	99

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

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MISC

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Instrument :
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ClientSampleId :
PB120890BS

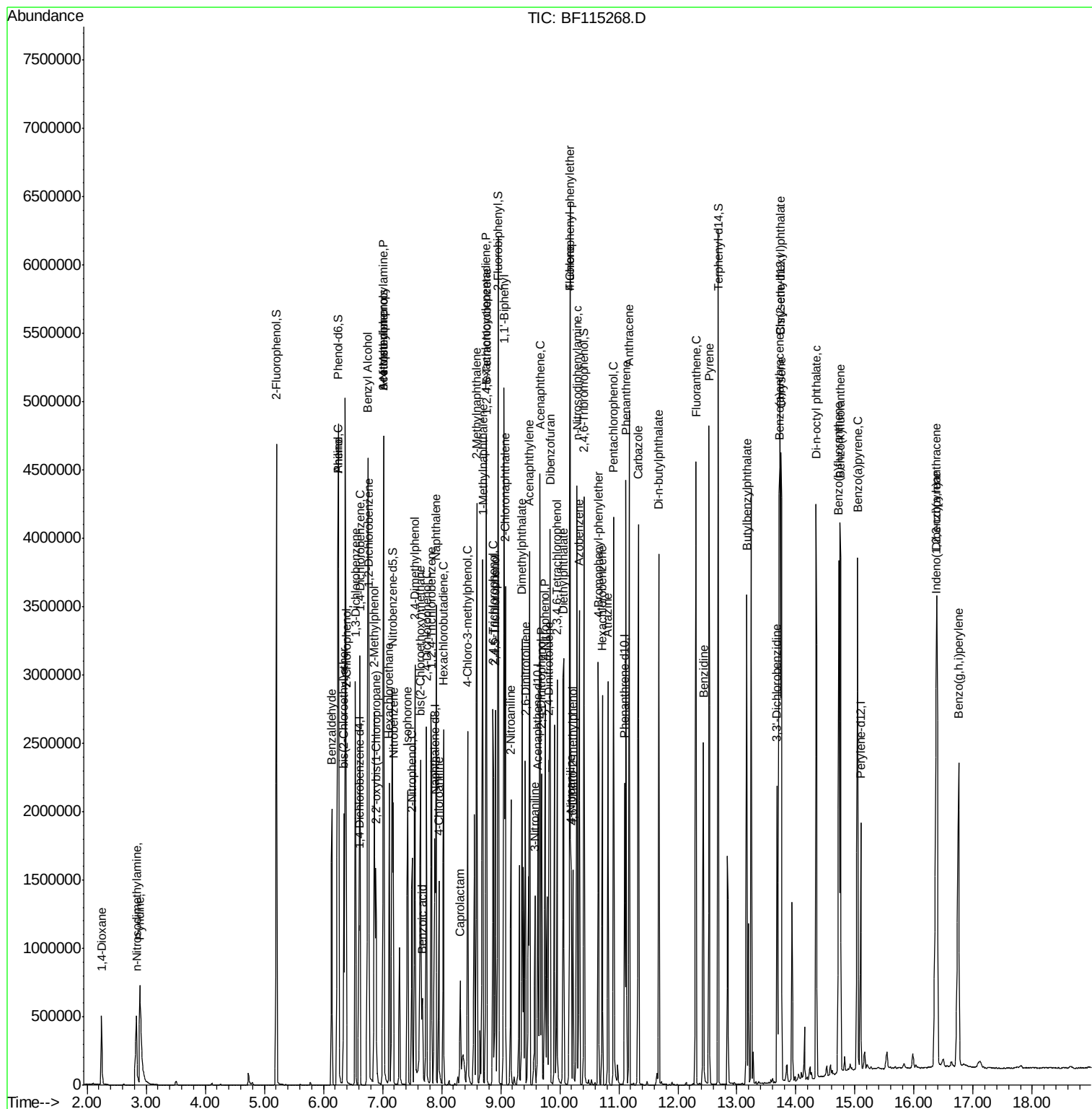
Quant Time: Jun 29 02:28:14 2019

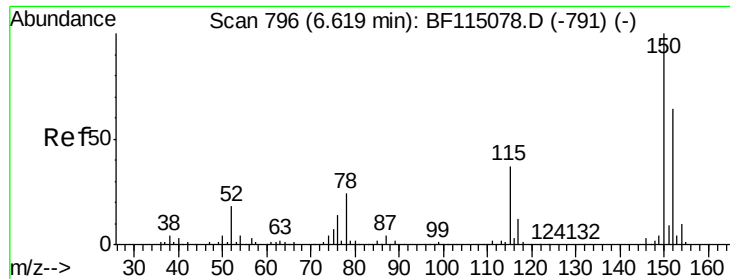
Quant Method : Z:\SV0ASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M

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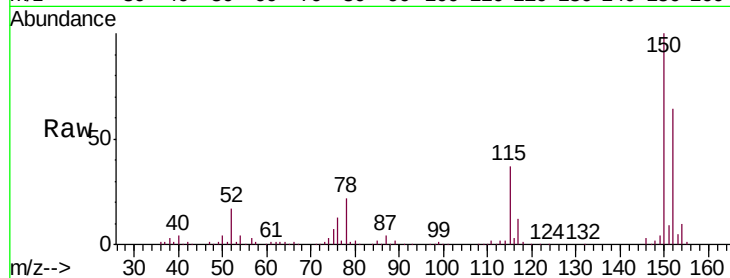


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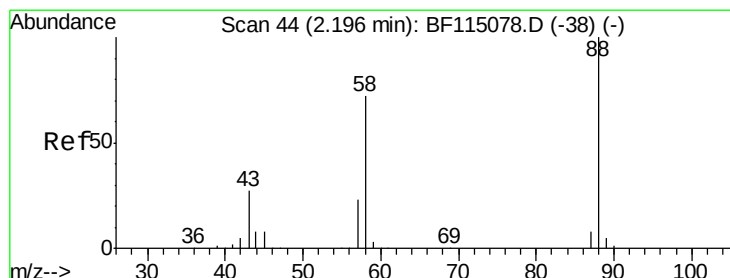
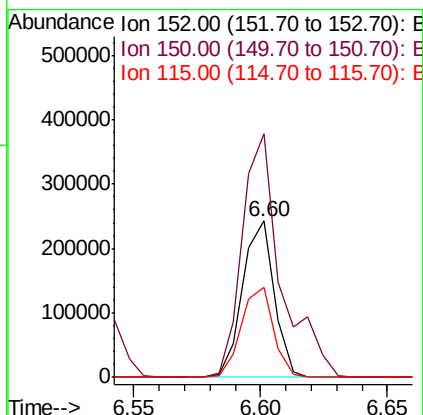
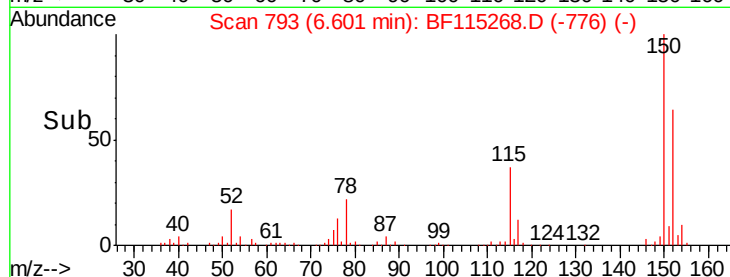
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115268.D
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Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion: 152 Resp: 211223
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 57.7 46.1 69.1



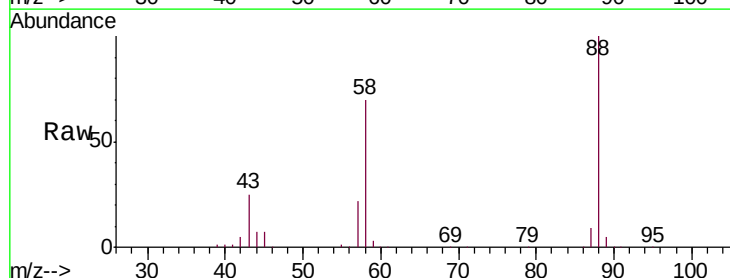
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



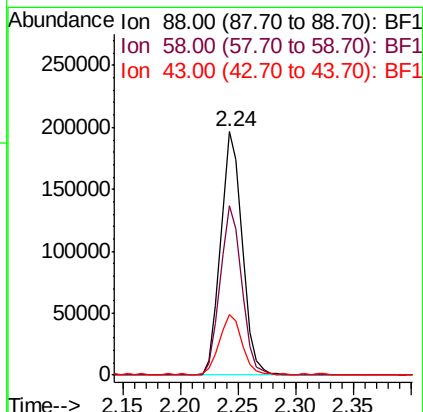
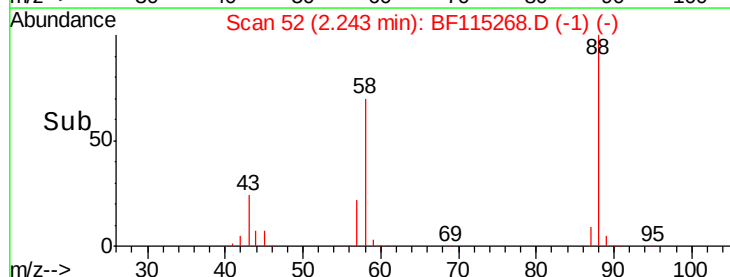
#2

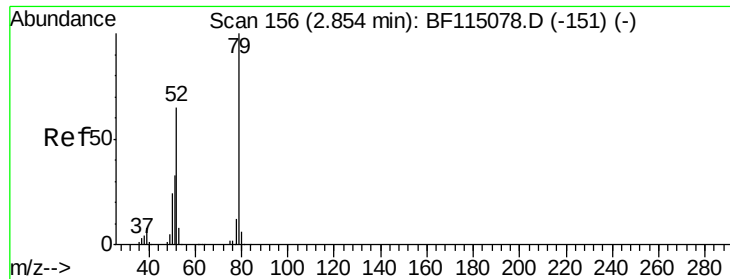
1,4-Dioxane
Concen: 39.524 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 88 Resp: 255320
Ion Ratio Lower Upper
88 100
58 69.7 56.1 84.1
43 25.5 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

Pyridine

Concen: 35.985 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

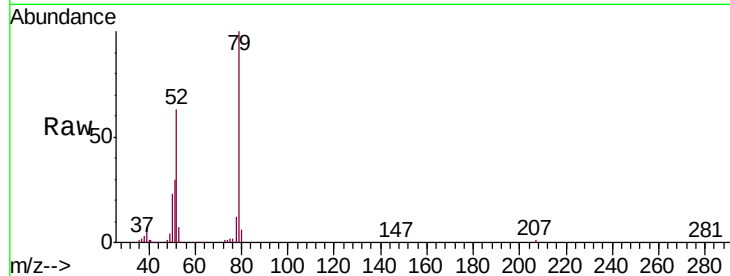
Tgt Ion: 79 Resp: 655185

Ion Ratio Lower Upper

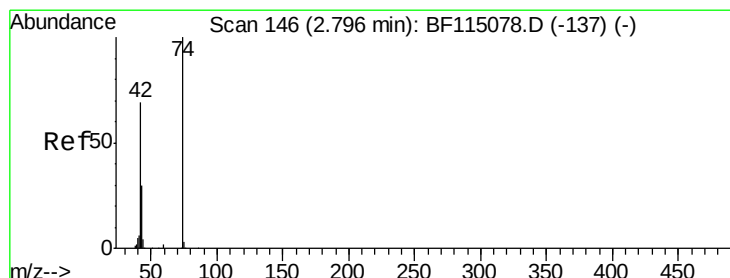
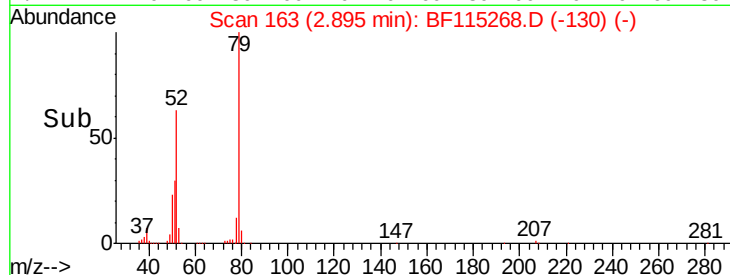
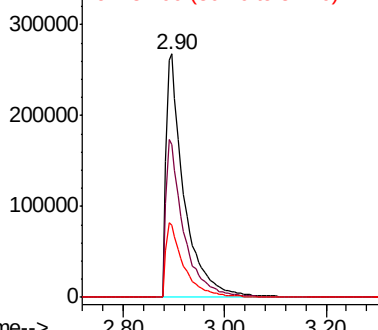
79 100

52 62.5 52.3 78.5

51 29.8 26.1 39.1



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: 36.390 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

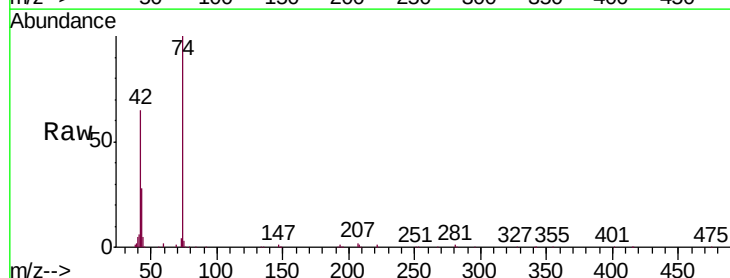
Tgt Ion: 42 Resp: 259740

Ion Ratio Lower Upper

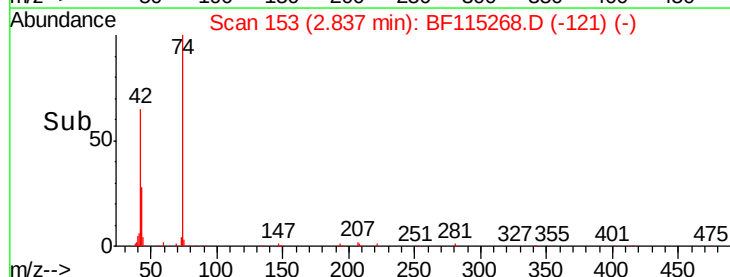
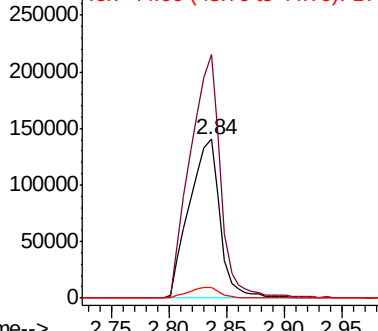
42 100

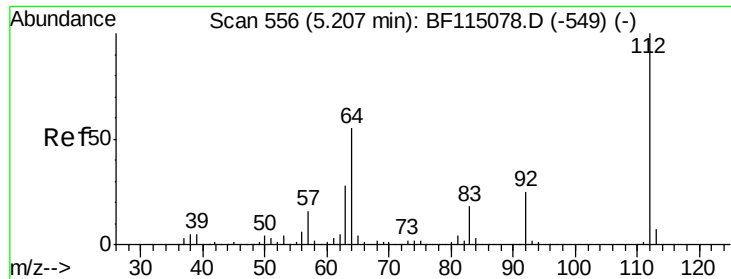
74 153.2 116.6 175.0

44 7.0 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: 113.662 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

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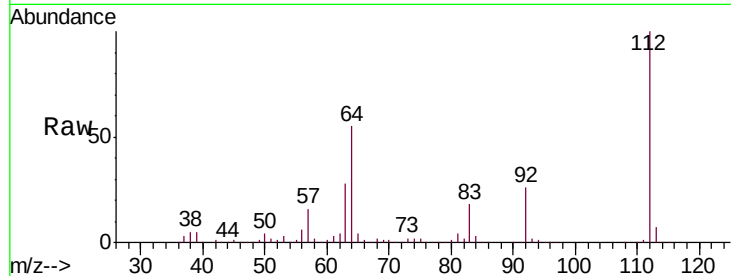
Tgt Ion: 112 Resp: 1555765

Ion Ratio Lower Upper

112 100

64 55.0 43.8 65.6

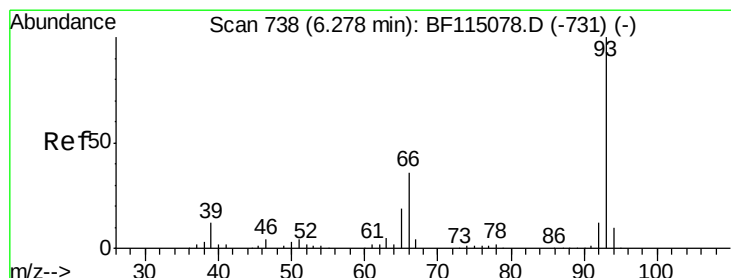
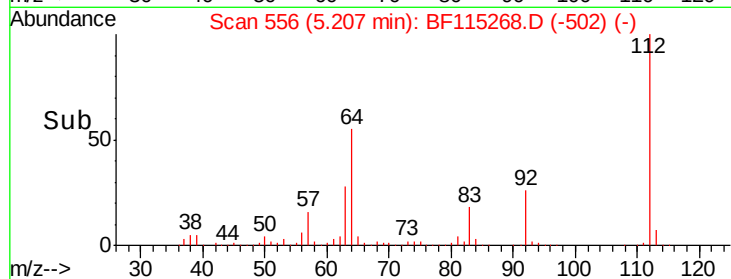
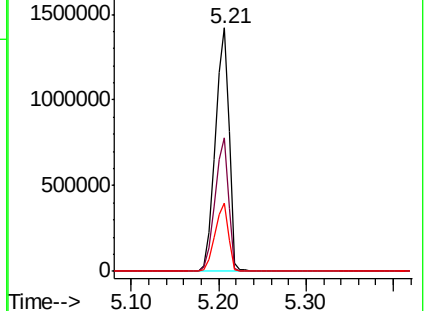
63 28.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.037 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

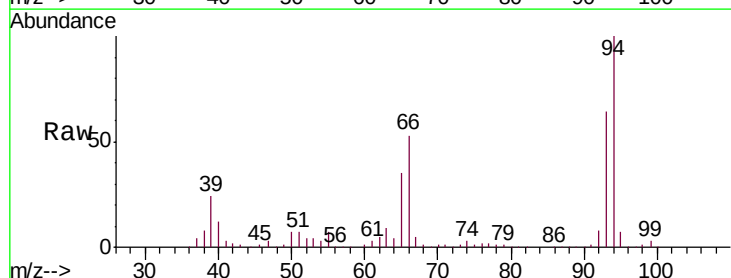
Tgt Ion: 93 Resp: 640175

Ion Ratio Lower Upper

93 100

66 83.8 30.0 45.0#

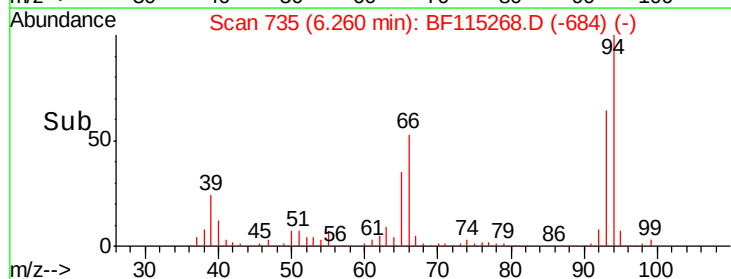
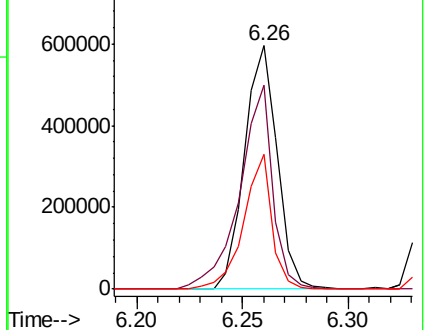
65 55.2 15.6 23.4#

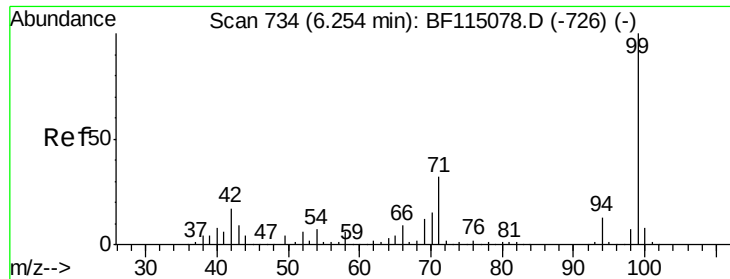


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.664 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

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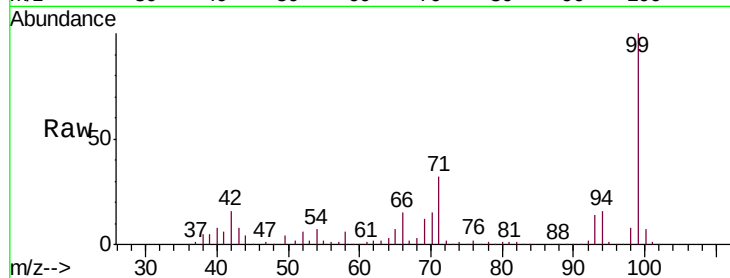
Tgt Ion: 99 Resp: 1871725

Ion Ratio Lower Upper

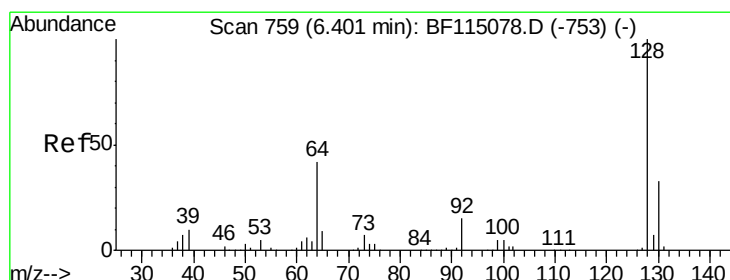
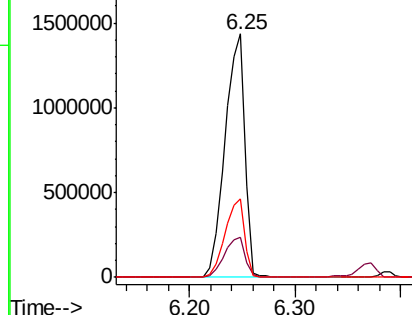
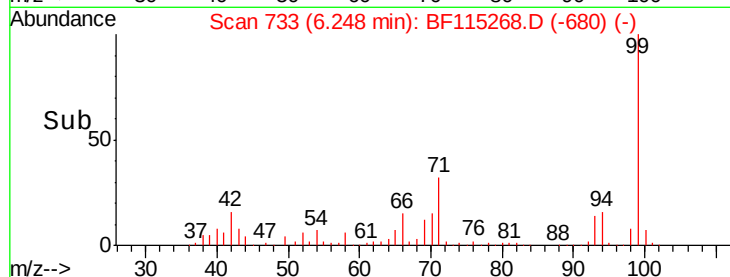
99 100

42 16.2 13.6 20.4

71 32.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 41.274 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

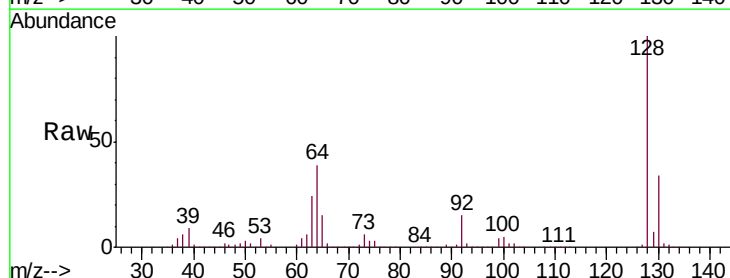
Tgt Ion: 128 Resp: 635253

Ion Ratio Lower Upper

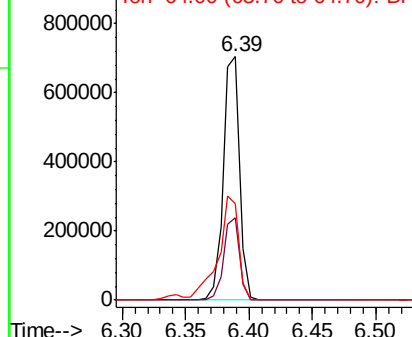
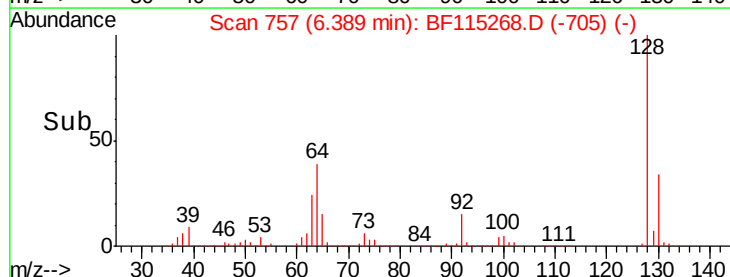
128 100

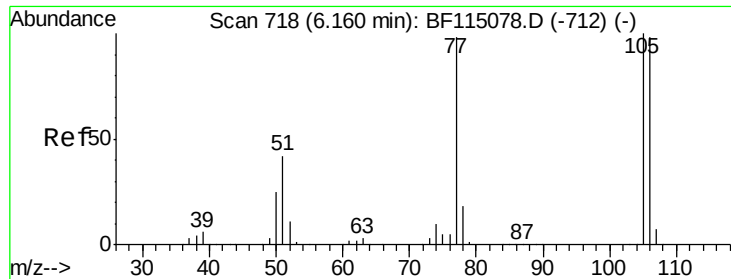
130 33.6 12.9 52.9

64 39.4 22.9 62.9



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

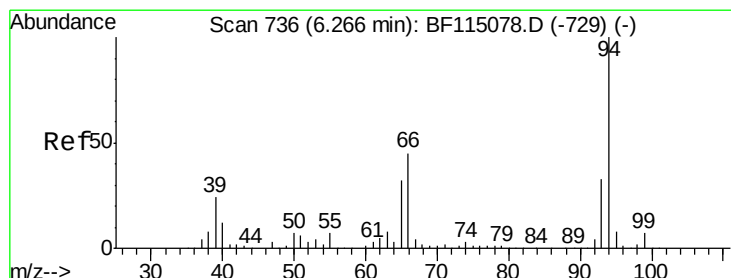
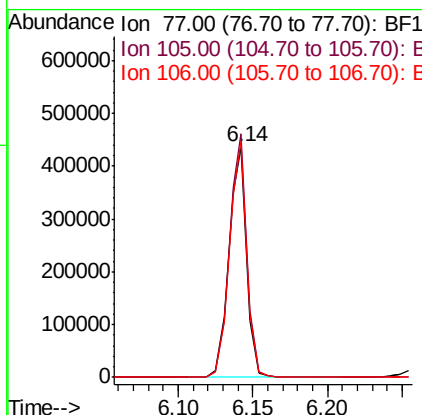
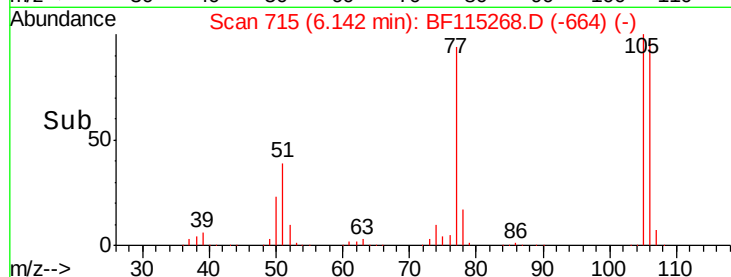
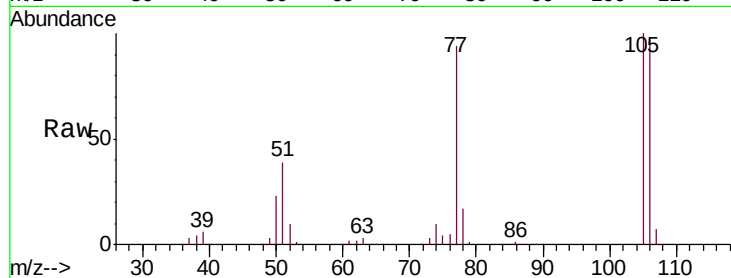




#9
Benzaldehyde
Concen: 33.792 ng
RT: 6.14 min Scan# 715
Delta R.T. 0.00 min
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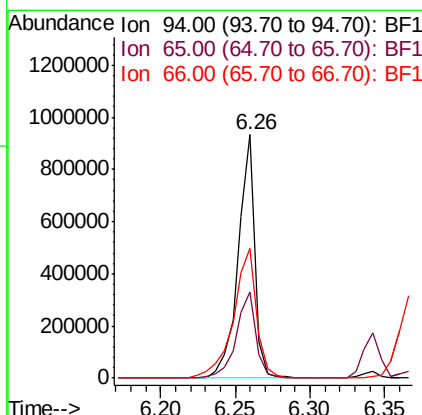
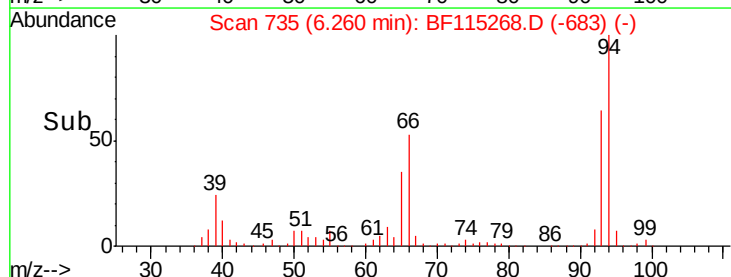
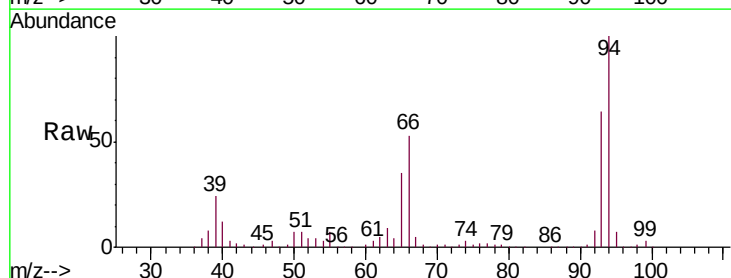
Instrument :
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ClientSampleId :
PB120890BS

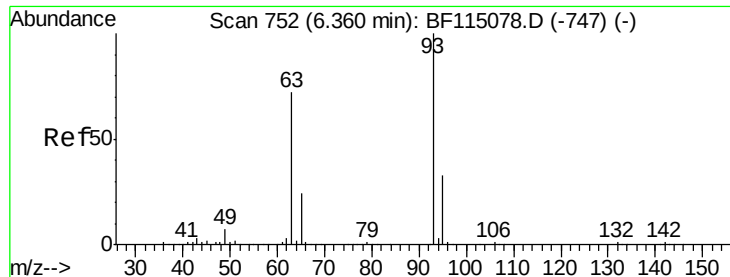
Tgt Ion: 77 Resp: 366265
Ion Ratio Lower Upper
77 100
105 105.9 81.5 121.5
106 102.4 79.7 119.7



#10
Phenol
Concen: 37.712 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 94 Resp: 733888
Ion Ratio Lower Upper
94 100
65 35.2 11.9 51.9
66 53.5 25.2 65.2

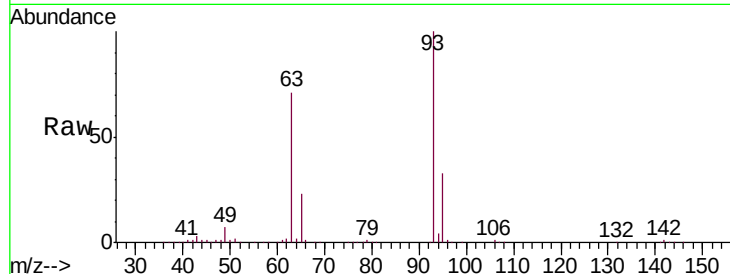




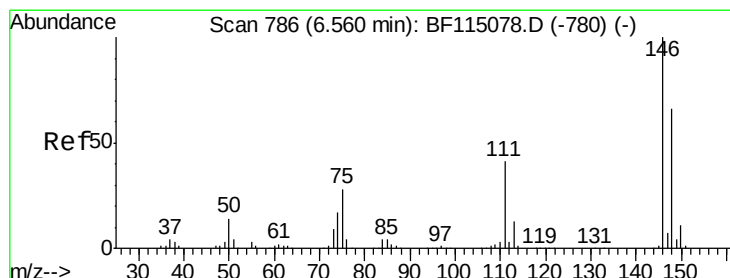
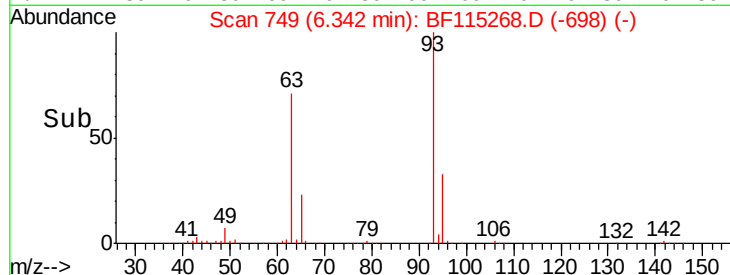
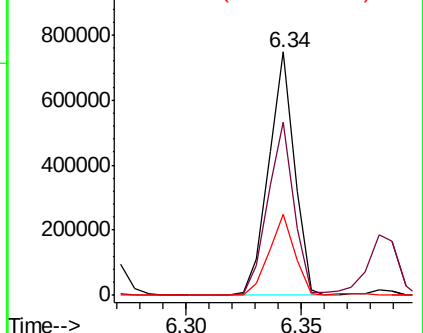
#11
bis(2-Chloroethyl)ether
Concen: 40.334 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.2	51.5	91.5
95	33.4	13.4	53.4

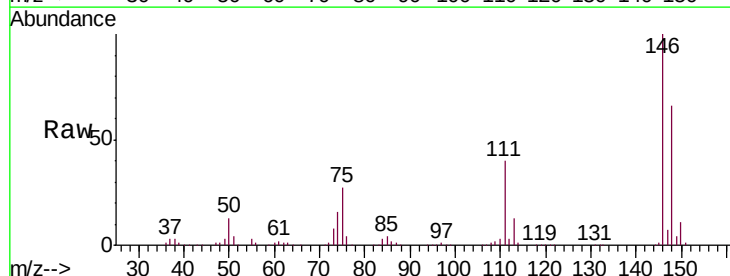


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

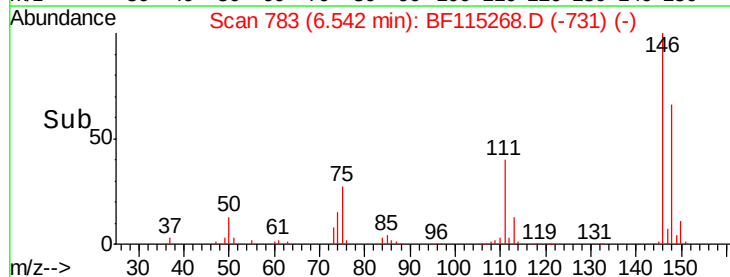
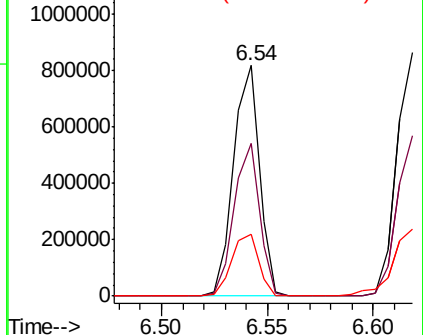


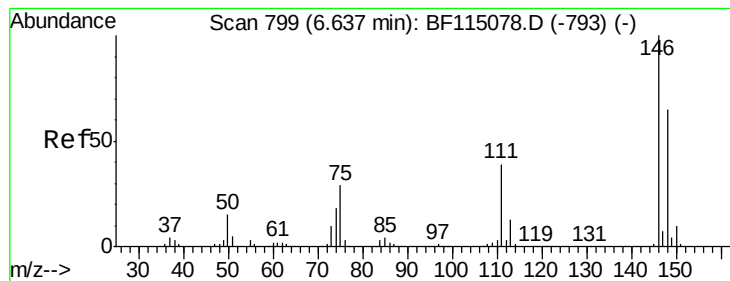
#12
1,3-Dichlorobenzene
Concen: 40.489 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.6	78.8
75	26.8	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.287 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

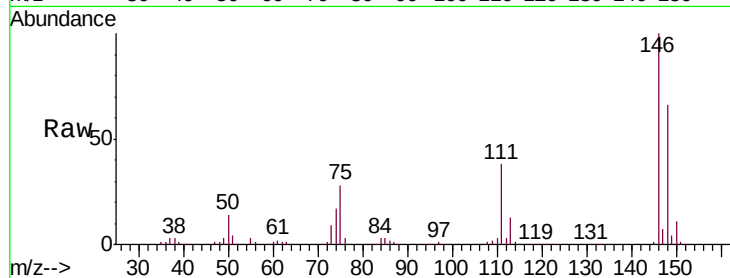
Tgt Ion:146 Resp: 707187

Ion Ratio Lower Upper

146 100

148 65.8 51.9 77.9

111 38.3 31.4 47.0

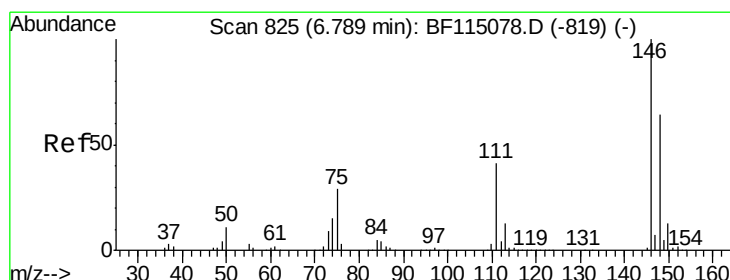
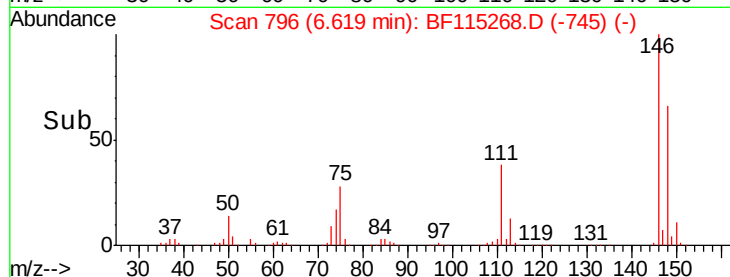
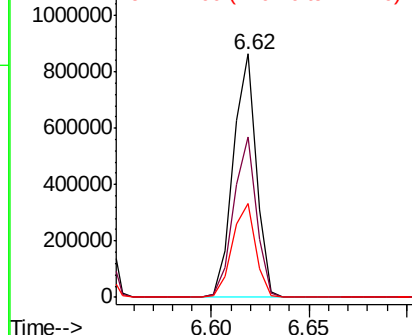


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.011 ng

RT: 6.77 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

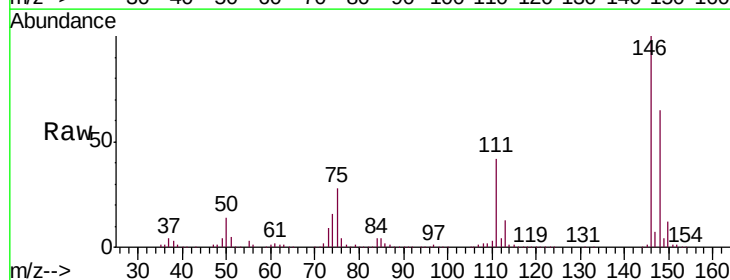
Tgt Ion:146 Resp: 650516

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

111 41.5 33.2 49.8

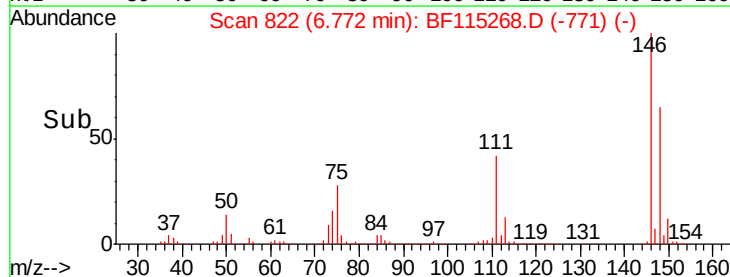
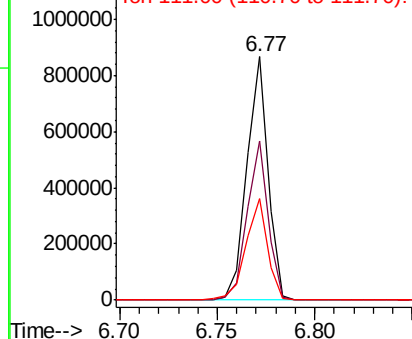


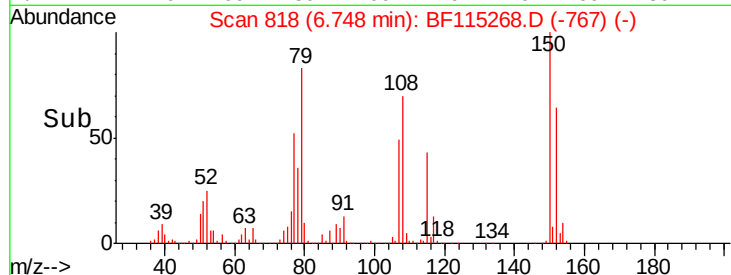
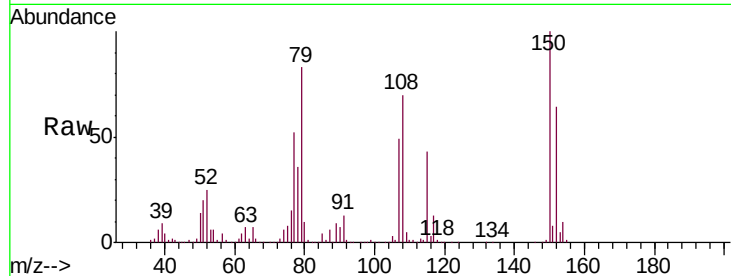
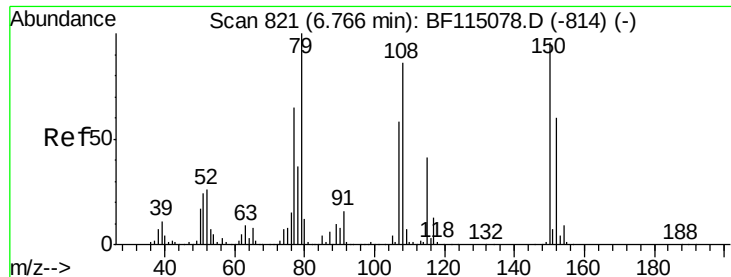
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

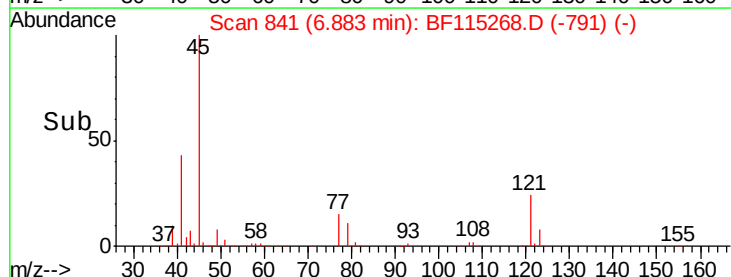
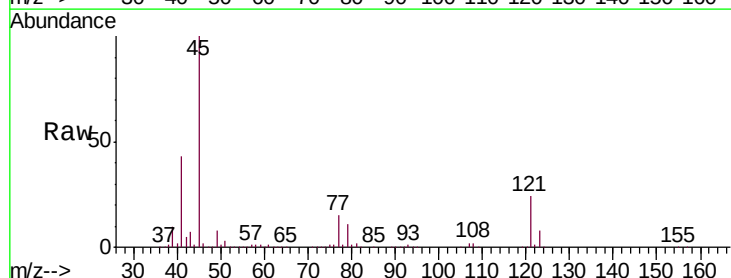
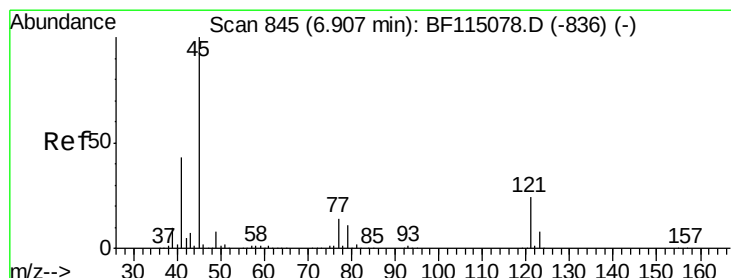
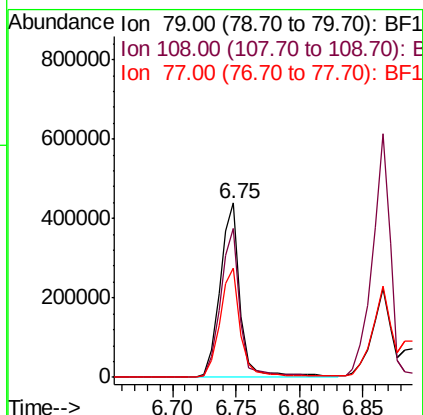




#15
Benzyl Alcohol
Concen: 40.369 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

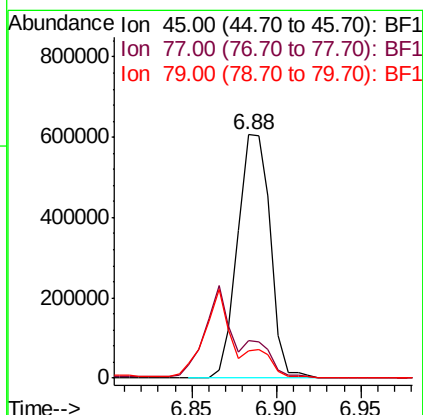
Instrument :
BNA_F
ClientSampleId :
PB120890BS

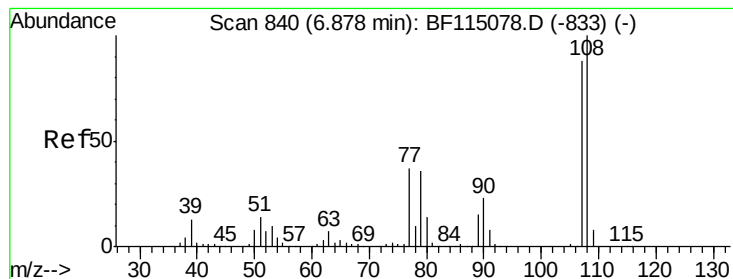
Tgt Ion: 79 Resp: 488365
Ion Ratio Lower Upper
79 100
108 85.0 68.7 103.1
77 62.9 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.285 ng
RT: 6.88 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 45 Resp: 817349
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 11.4 0.0 31.2

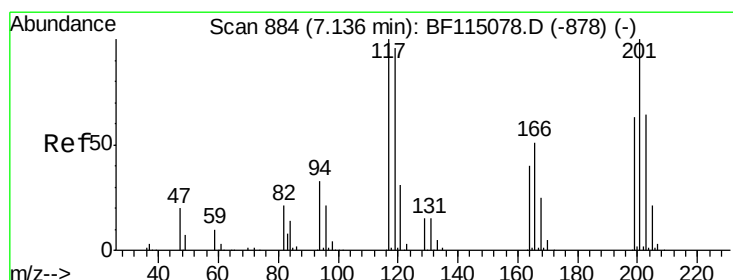
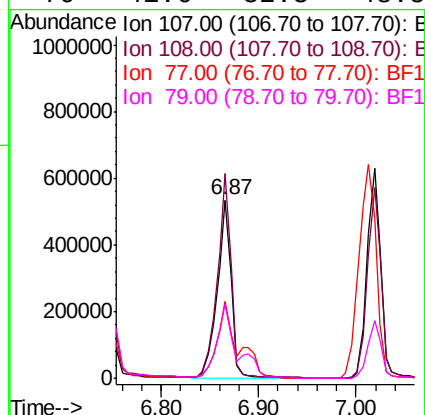
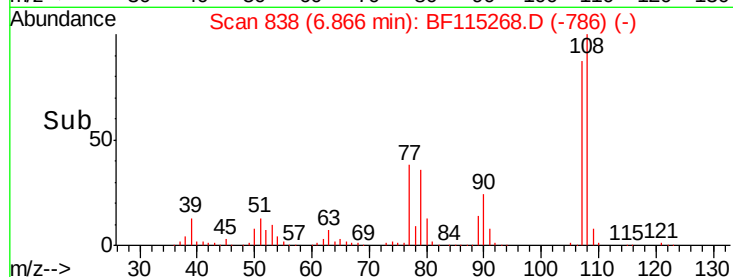
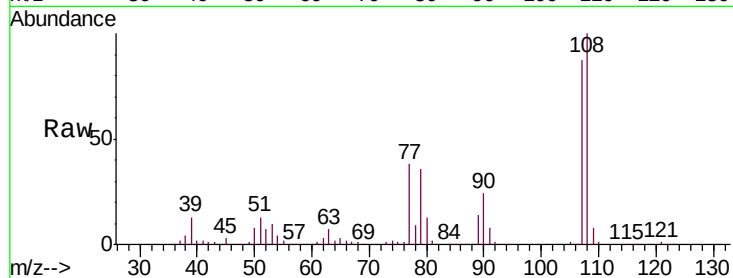




#17
2-Methylphenol
Concen: 41.703 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

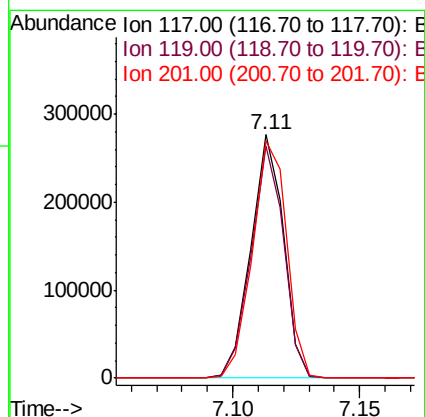
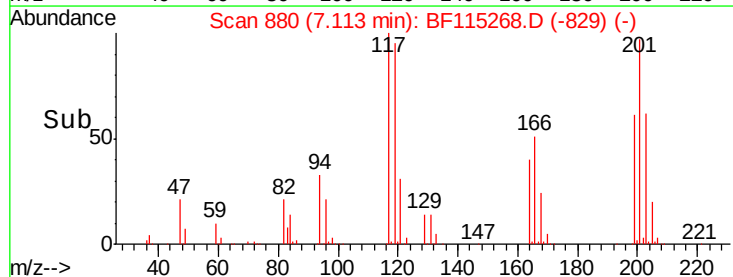
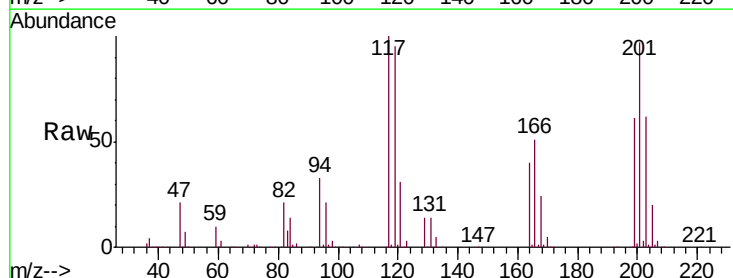
Instrument :
BNA_F
ClientSampleId :
PB120890BS

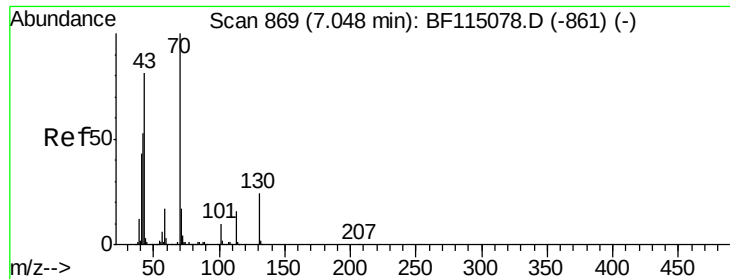
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.9	136.3
77	43.1	33.4	50.2
79	41.6	32.3	48.5



#18
Hexachloroethane
Concen: 40.247 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	114.8
201	97.4	80.2	120.2

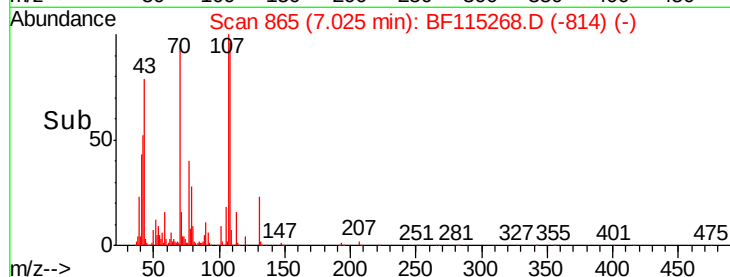
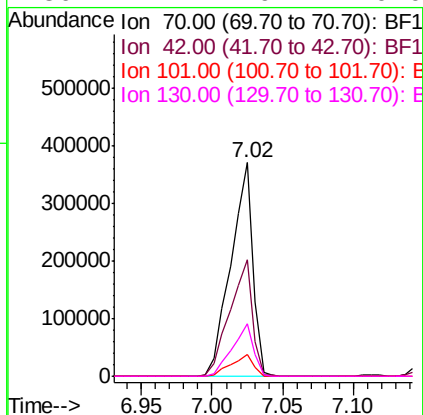
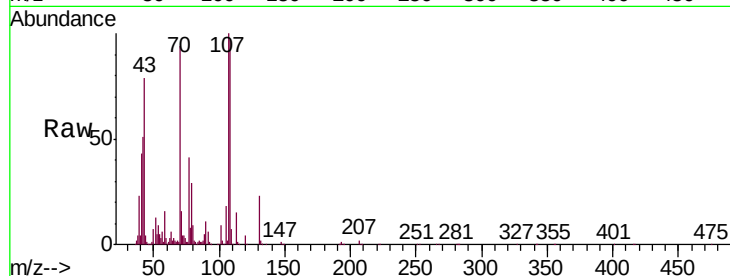




#19
n-Nitroso-di-n-propylamine
Concen: 37.669 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

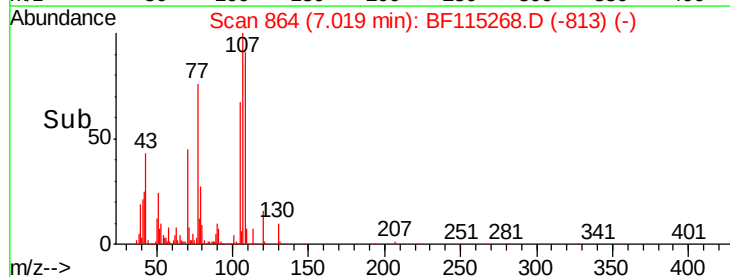
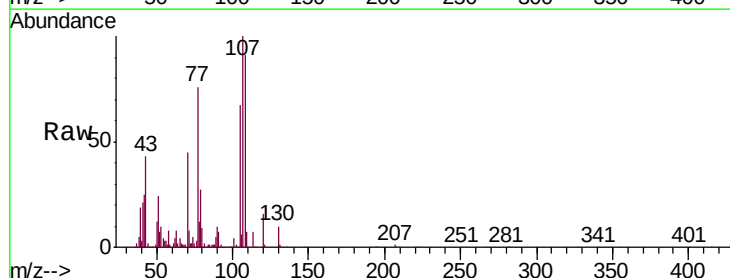
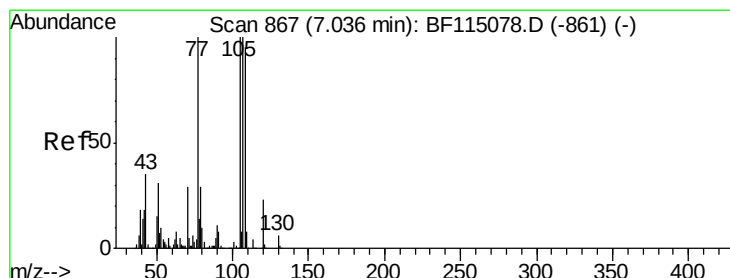
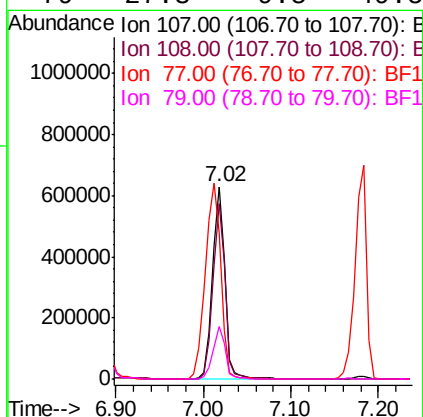
Instrument :
BNA_F
ClientSampleId :
PB120890BS

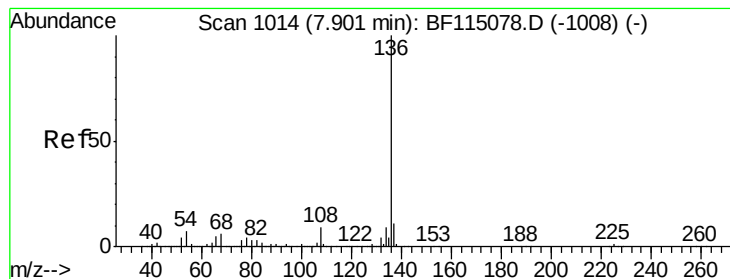
Tgt Ion:	70	Resp:	400655
Ion	Ratio	Lower	Upper
70	100		
42	54.6	42.6	63.8
101	10.0	8.0	12.0
130	24.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.267 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:	107	Resp:	620023
Ion	Ratio	Lower	Upper
107	100		
108	91.1	75.5	115.5
77	76.2	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: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

Tgt Ion:136 Resp: 819264

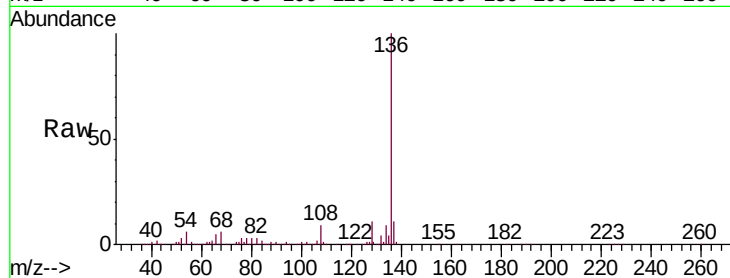
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 5.6 8.4

68 5.9 4.8 7.2

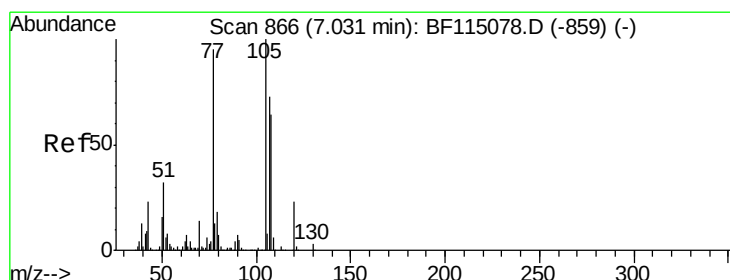
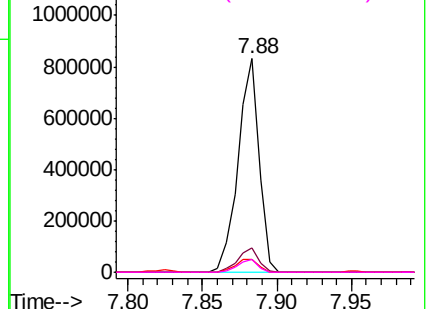
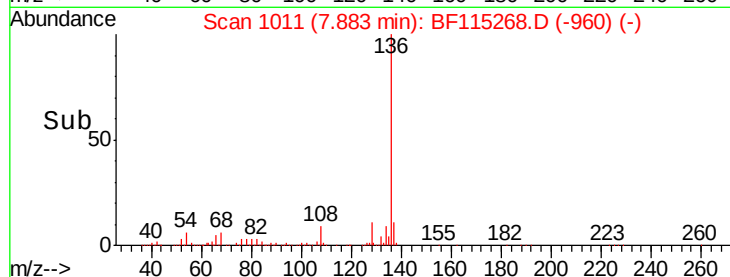


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.826 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:105 Resp: 840732

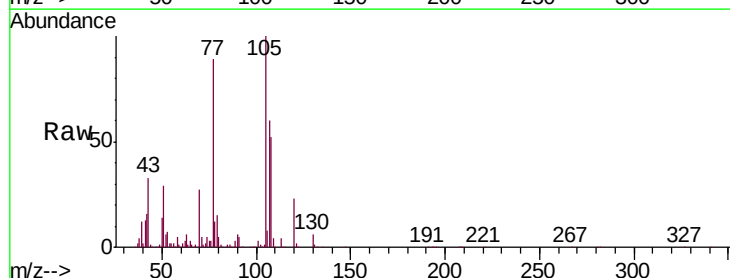
Ion Ratio Lower Upper

105 100

71 4.6 1.9 2.9#

51 29.3 25.8 38.8

120 23.0 18.5 27.7

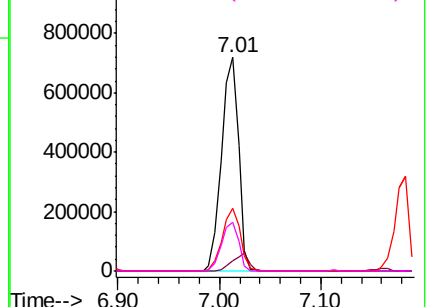
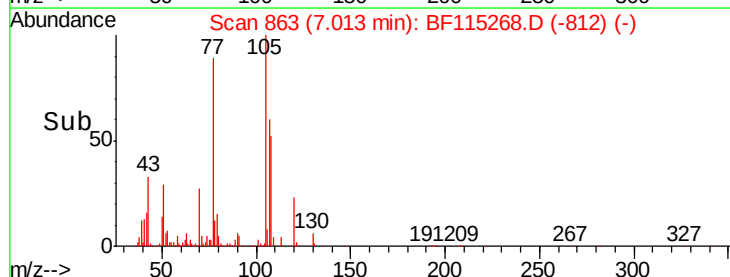


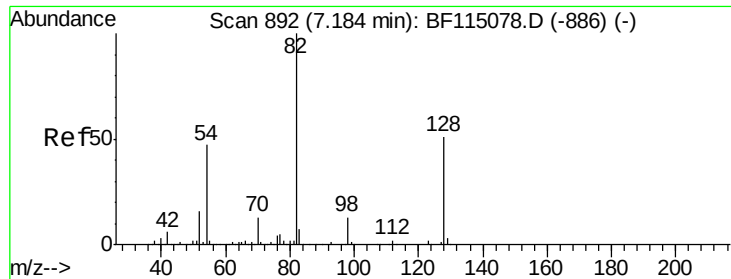
Abundance Ion 105.00 (104.70 to 105.70): E

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

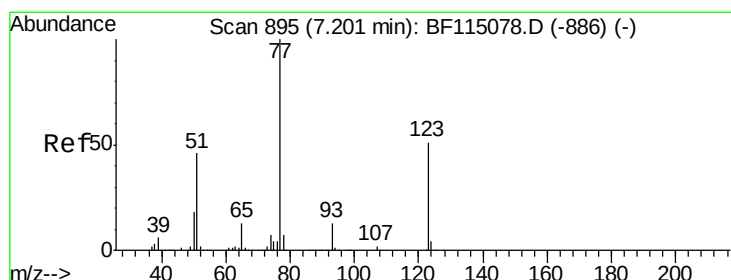
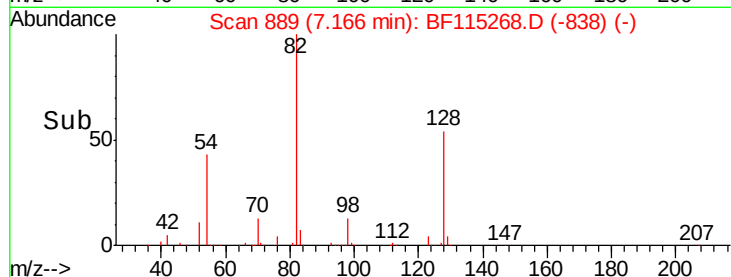
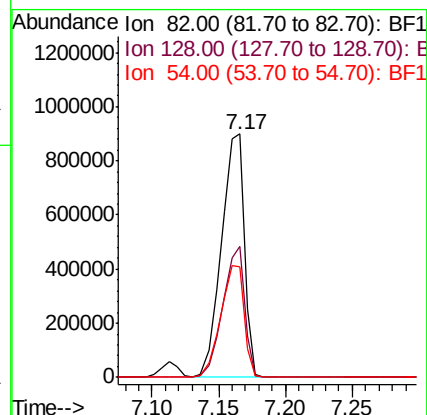
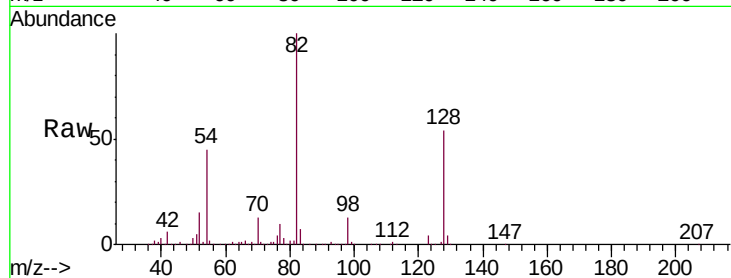




#23
 Nitrobenzene-d5
 Concen: 82.310 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

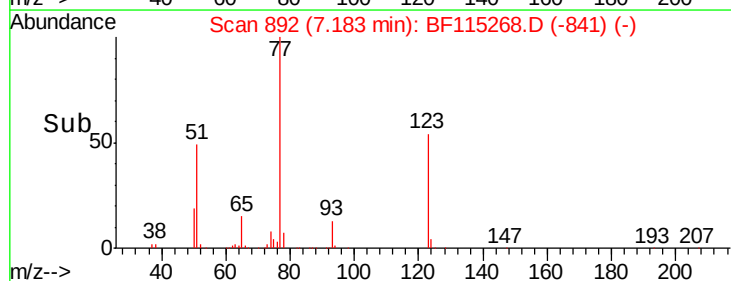
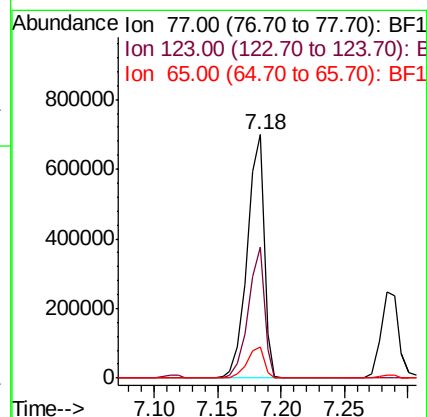
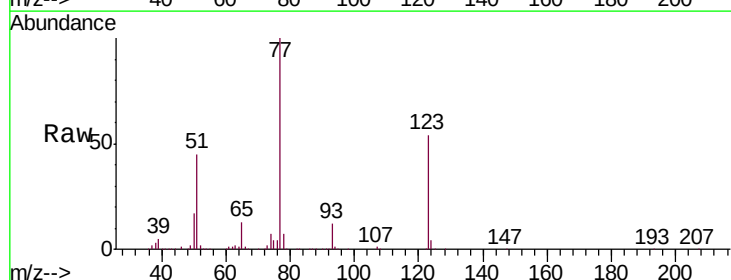
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

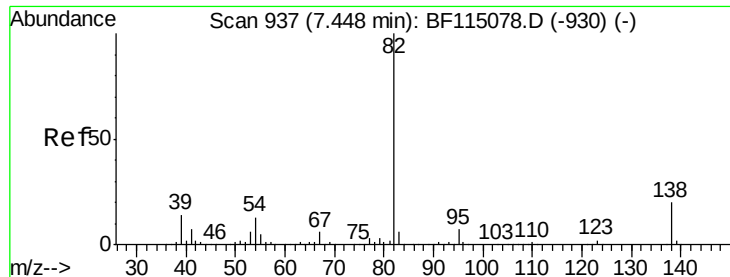
Tgt Ion: 82 Resp: 1096202
 Ion Ratio Lower Upper
 82 100
 128 53.6 40.4 60.6
 54 45.1 37.5 56.3



#24
 Nitrobenzene
 Concen: 43.481 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion: 77 Resp: 637956
 Ion Ratio Lower Upper
 77 100
 123 53.8 41.0 61.6
 65 13.0 10.5 15.7

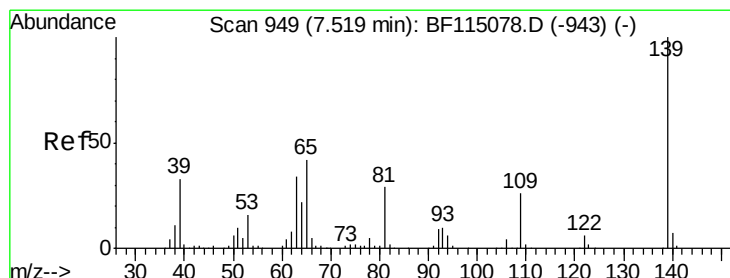
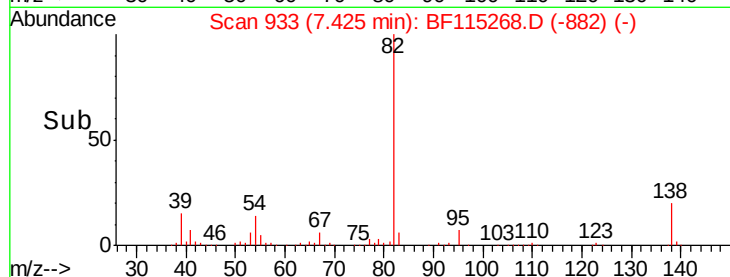
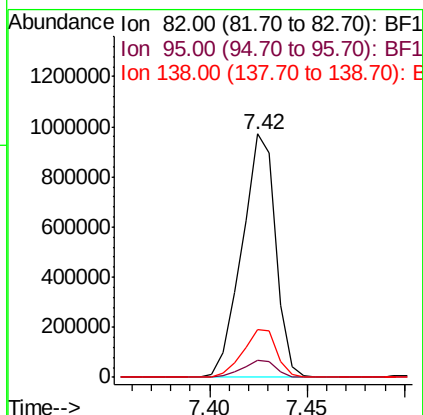
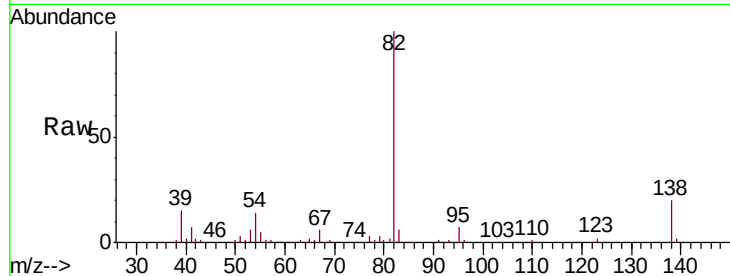




#25
Isophorone
Concen: 42.500 ng
RT: 7.42 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

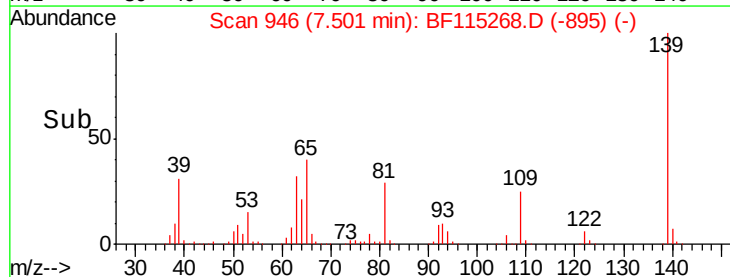
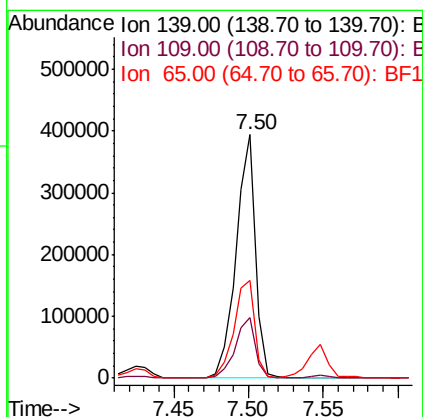
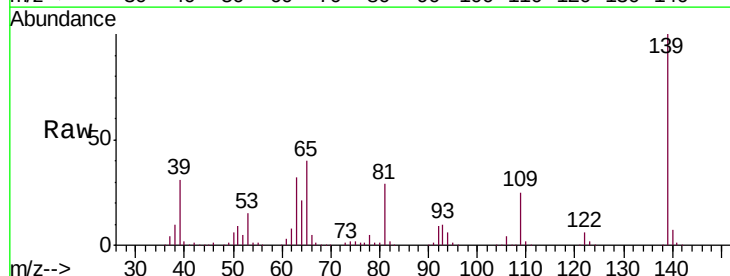
Instrument :
BNA_F
ClientSampleId :
PB120890BS

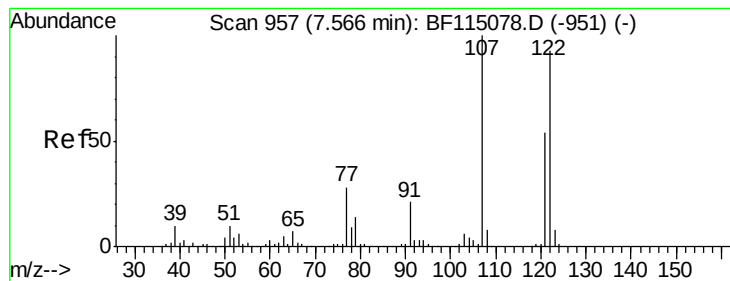
Tgt Ion: 82 Resp: 1159510
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.5 15.9 23.9



#26
2-Nitrophenol
Concen: 49.464 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 139 Resp: 358405
Ion Ratio Lower Upper
139 100
109 25.1 20.4 30.6
65 40.2 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 50.093 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

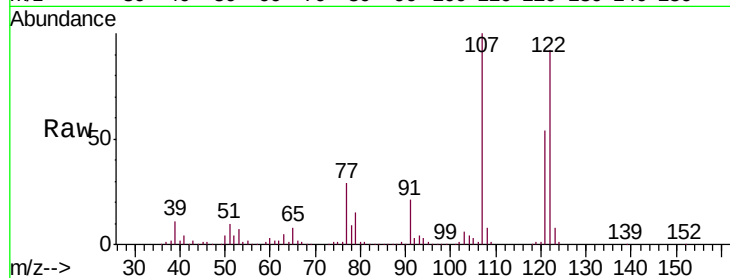
Tgt Ion:122 Resp: 594278

Ion Ratio Lower Upper

122 100

107 109.0 85.8 128.6

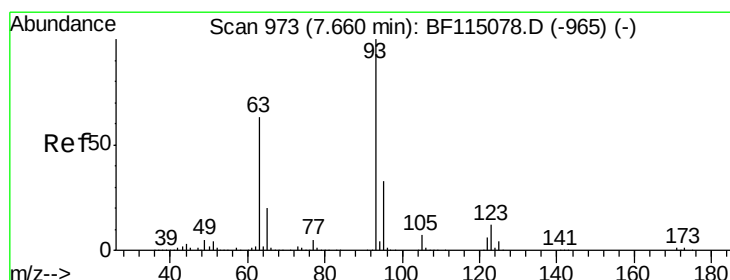
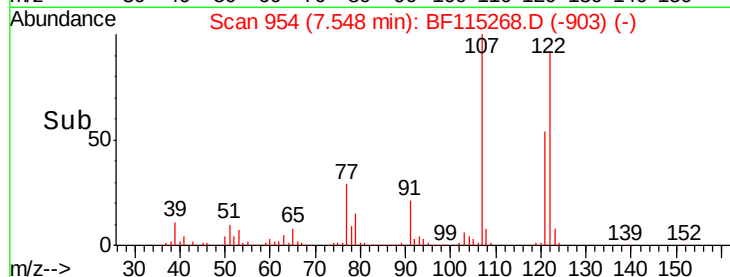
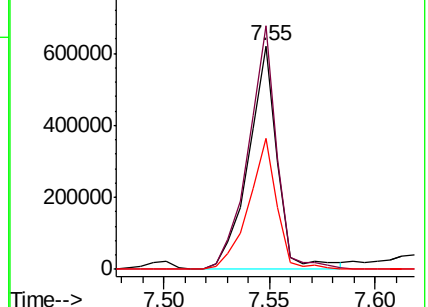
121 58.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.217 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

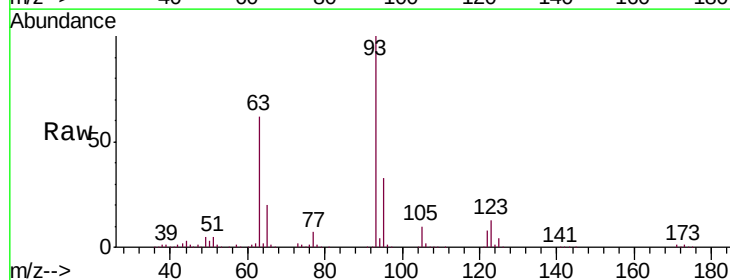
Tgt Ion: 93 Resp: 745222

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

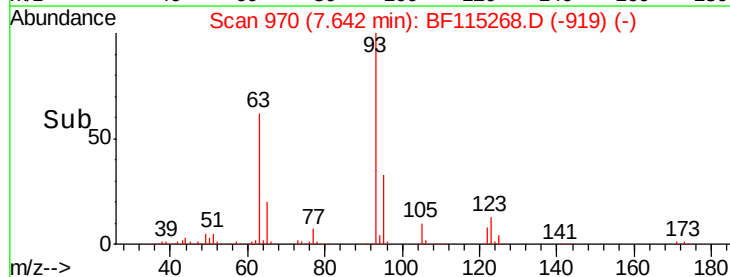
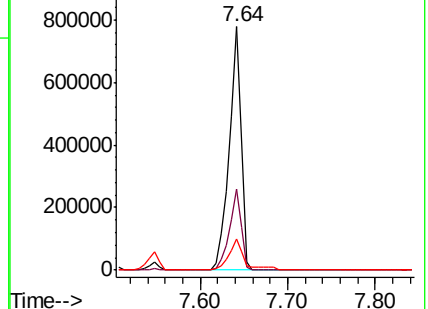
123 12.8 9.7 14.5

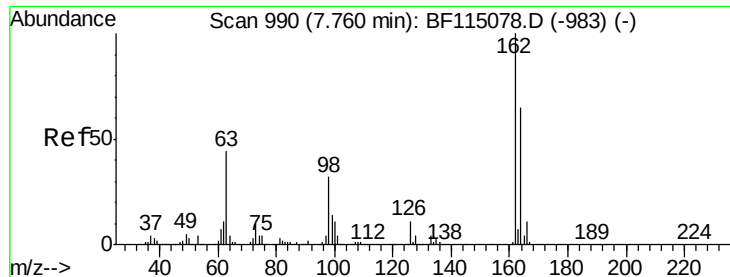


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

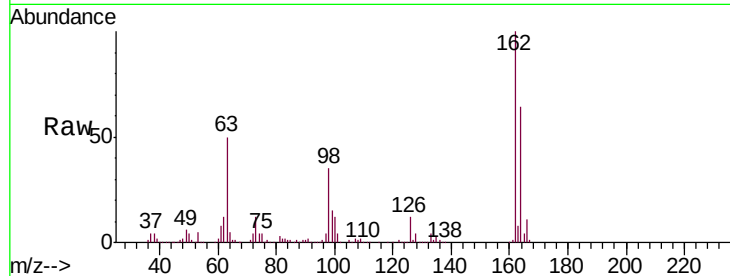




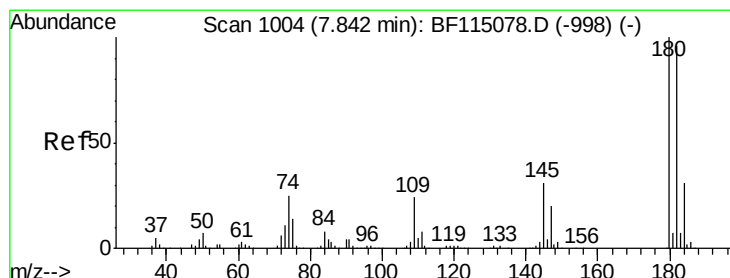
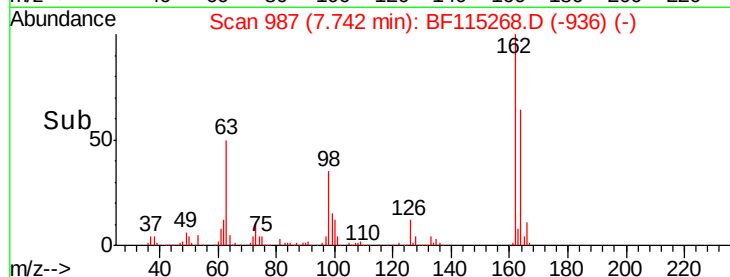
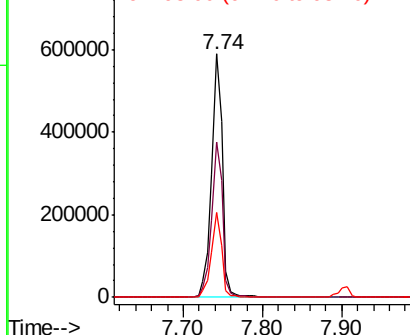
#29
2,4-Dichlorophenol
Concen: 45.532 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	34.9	12.5	52.5

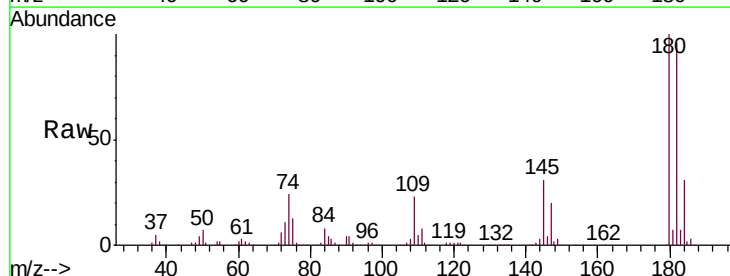


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

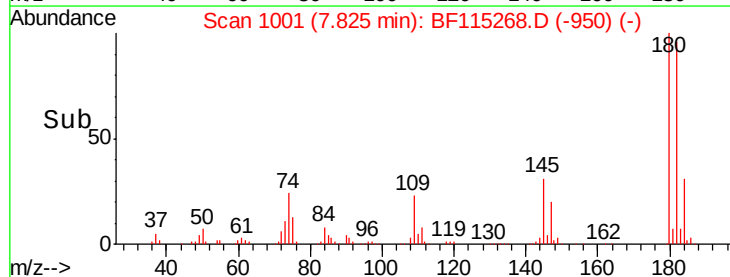
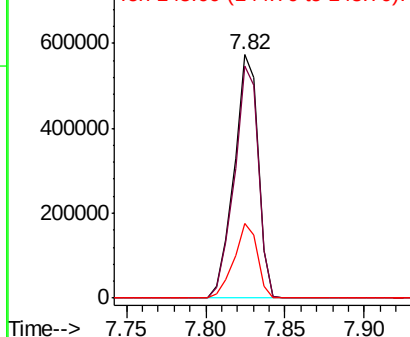


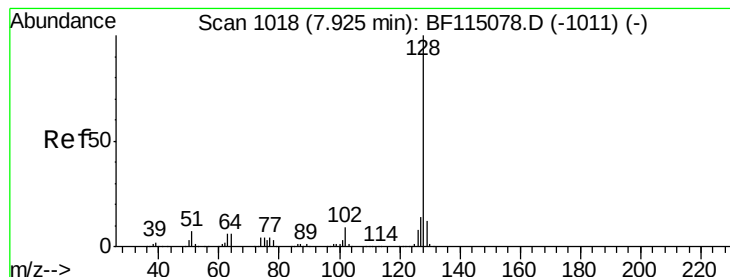
#30
1,2,4-Trichlorobenzene
Concen: 44.633 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	30.6	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.187 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

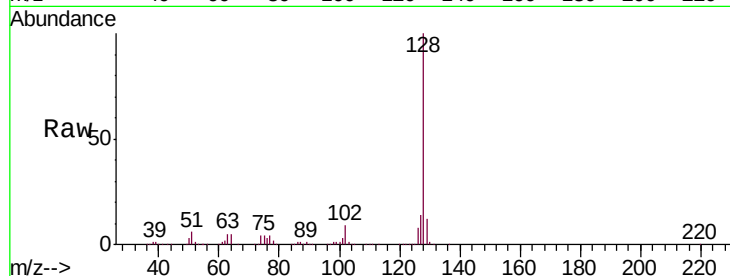
Tgt Ion:128 Resp: 1817232

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

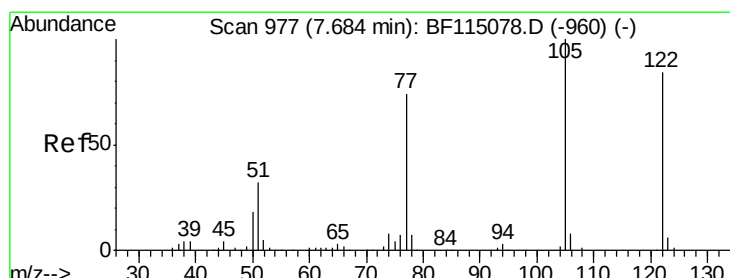
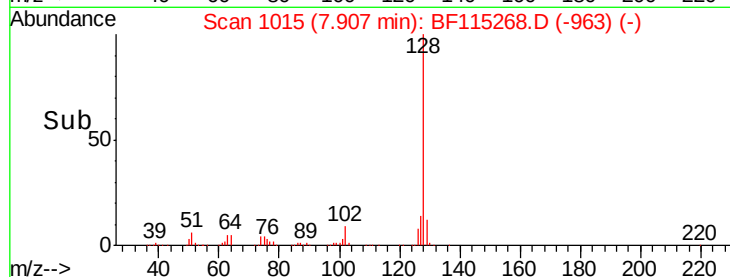
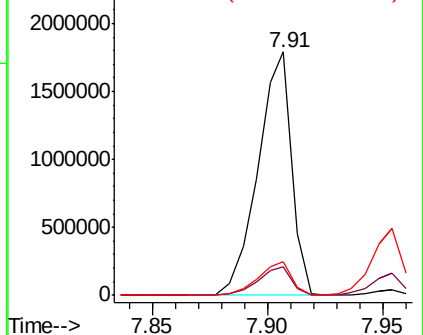
127 13.7 11.4 17.0



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: 48.513 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

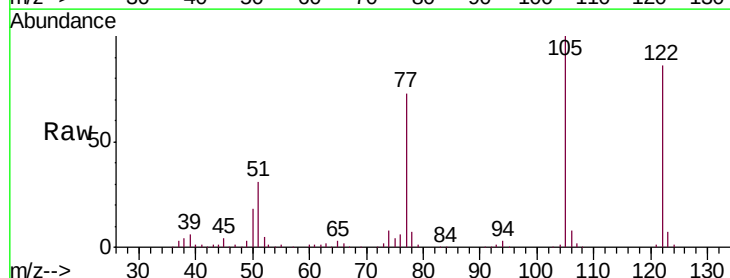
Tgt Ion:122 Resp: 410819

Ion Ratio Lower Upper

122 100

105 115.8 98.2 138.2

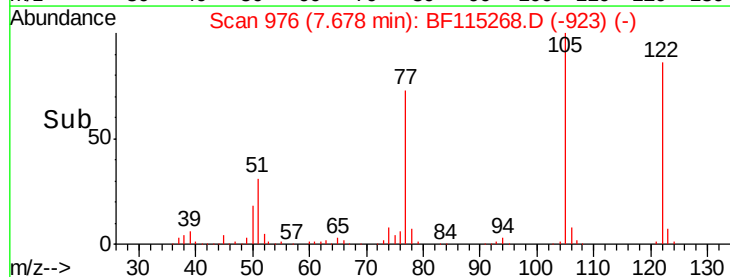
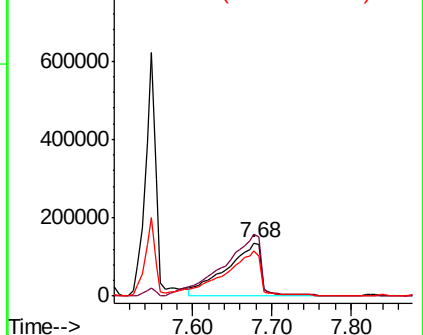
77 85.1 67.0 107.0

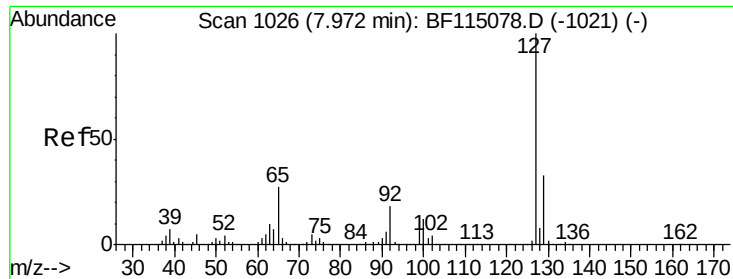


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

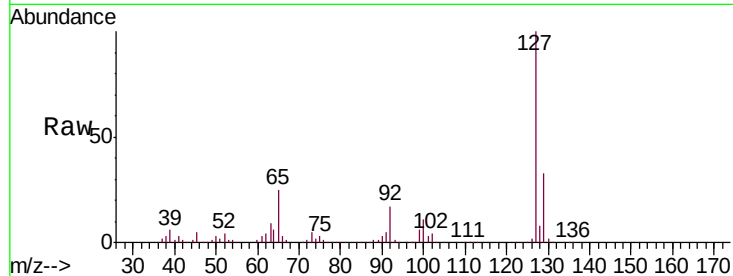




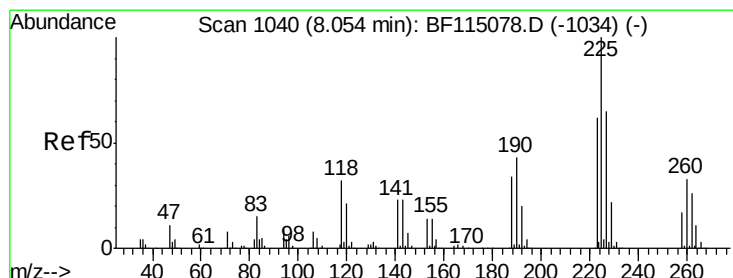
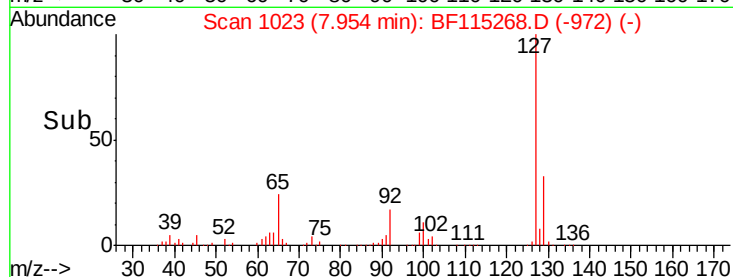
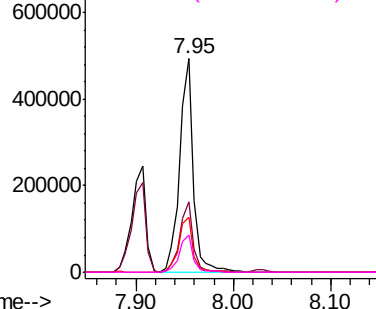
#33
4-Chloroaniline
Concen: 26.197 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion:	127	Resp:	481482
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	25.5	21.4	32.2
92	17.3	14.1	21.1

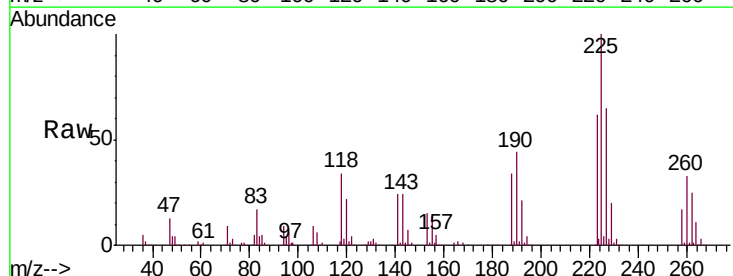


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

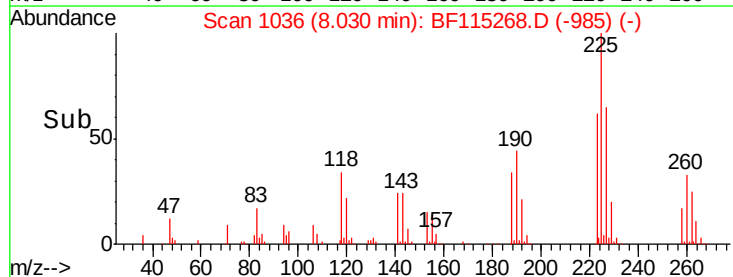
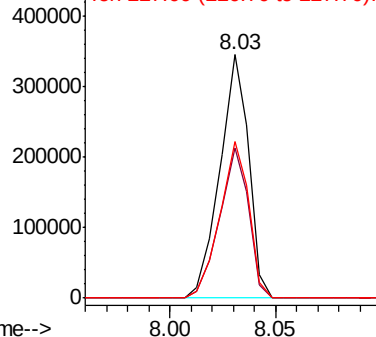


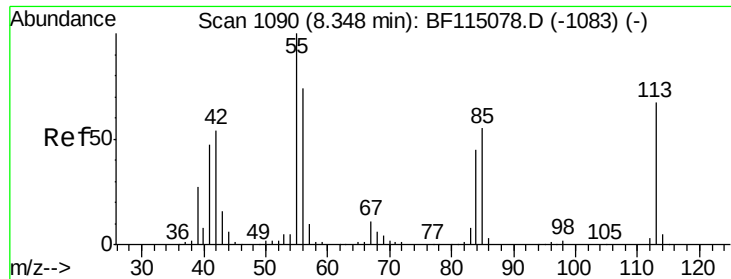
#34
Hexachlorobutadiene
Concen: 44.394 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:	225	Resp:	329000
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.2
227	64.5	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

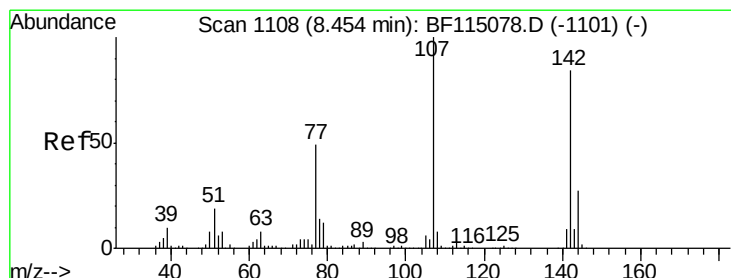
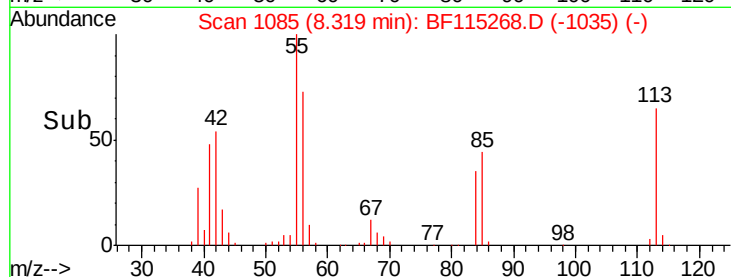
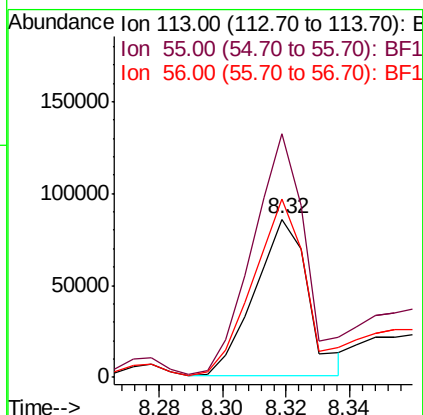
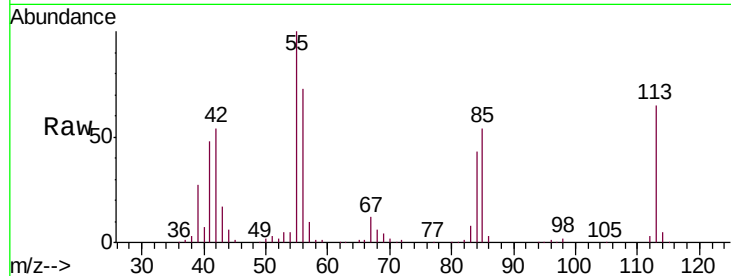




#35
 Caprolactam
 Concen: 24.261 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

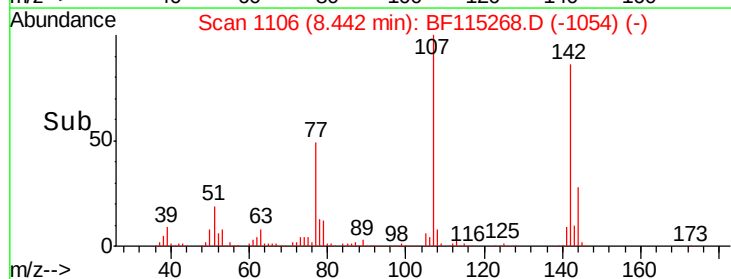
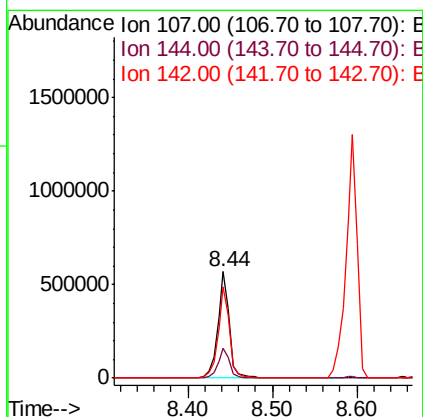
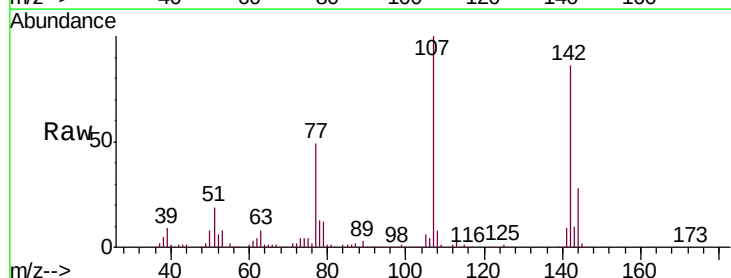
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

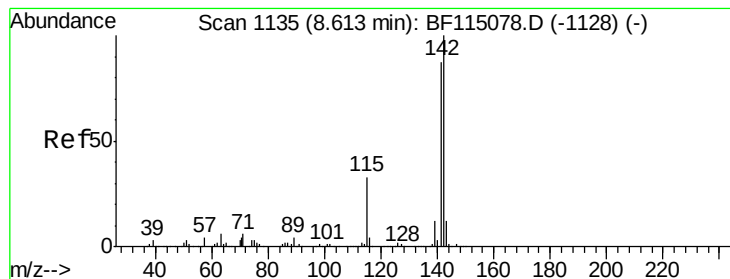
Tgt Ion:113 Resp: 99861
 Ion Ratio Lower Upper
 113 100
 55 154.2 130.2 170.2
 56 112.9 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.777 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:107 Resp: 555183
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.7 32.5
 142 86.1 67.0 100.4





#37

2-Methylnaphthalene

Concen: 45.712 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

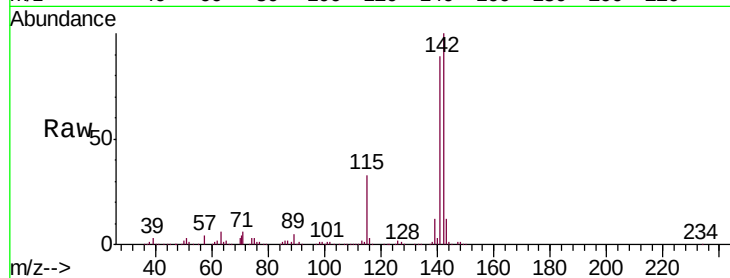
Tgt Ion:142 Resp: 1239492

Ion Ratio Lower Upper

142 100

141 88.8 69.8 104.6

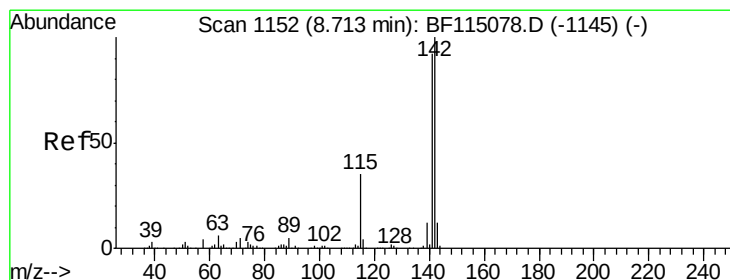
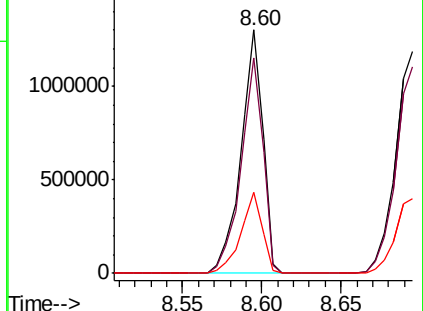
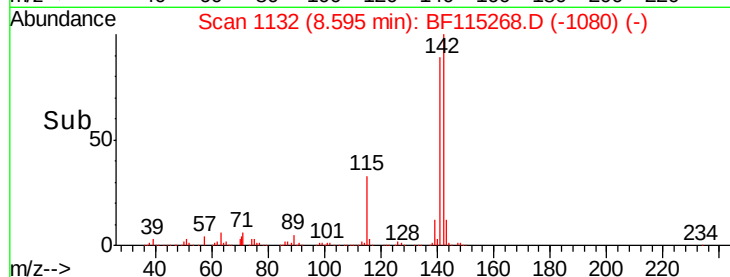
115 33.1 26.7 40.1



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: 44.883 ng

RT: 8.70 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

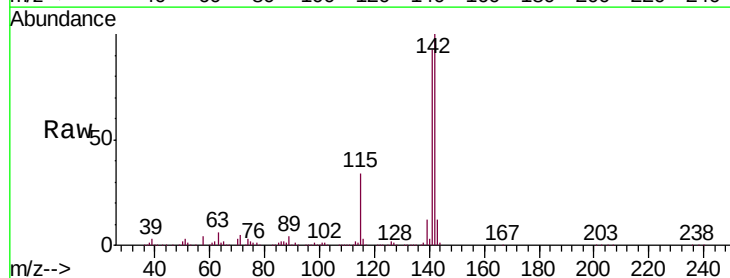
Tgt Ion:142 Resp: 1162350

Ion Ratio Lower Upper

142 100

141 92.9 73.8 110.8

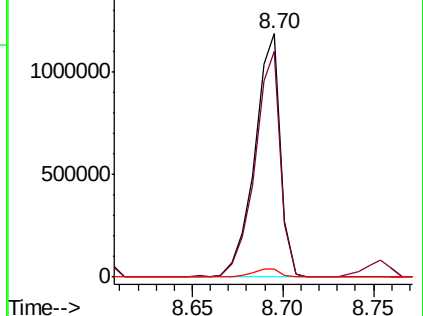
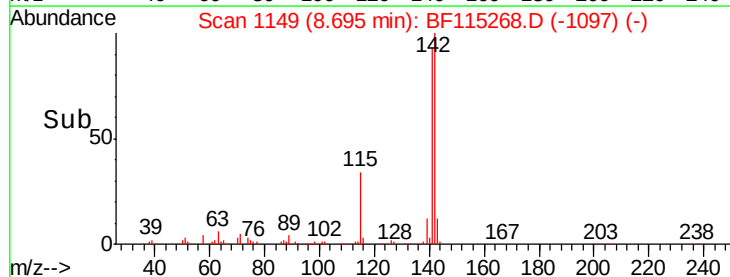
116 3.4 2.8 4.2

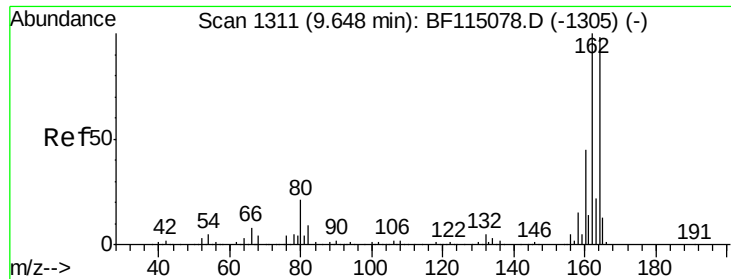


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

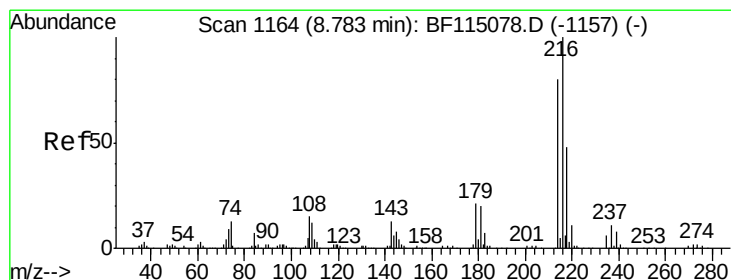
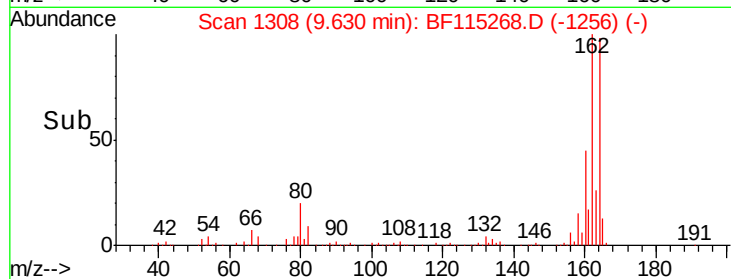
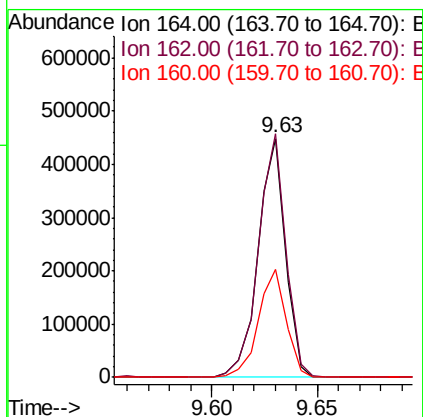
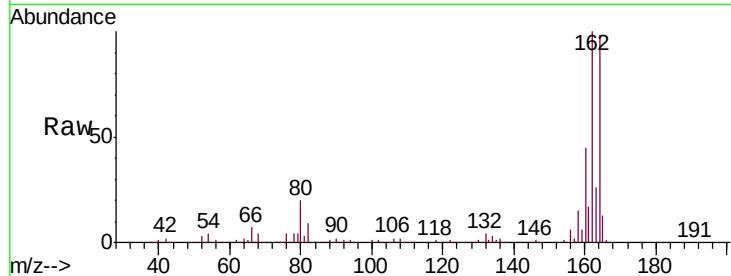




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

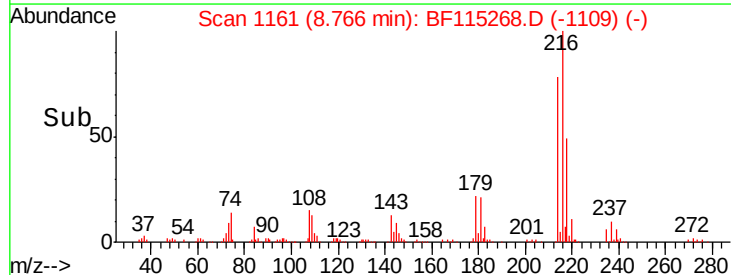
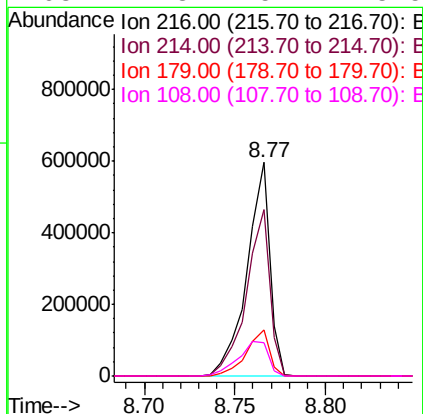
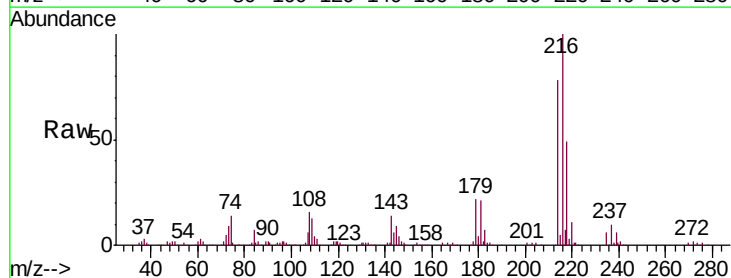
Instrument :
BNA_F
ClientSampleId :
PB120890BS

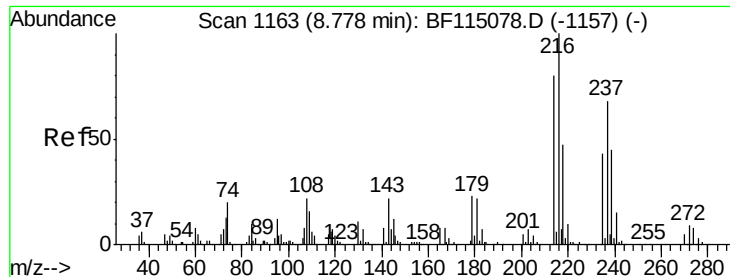
Tgt Ion:164 Resp: 404684
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 45.4 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.974 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:216 Resp: 525740
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 22.0 17.6 26.4
108 21.3 15.7 23.5

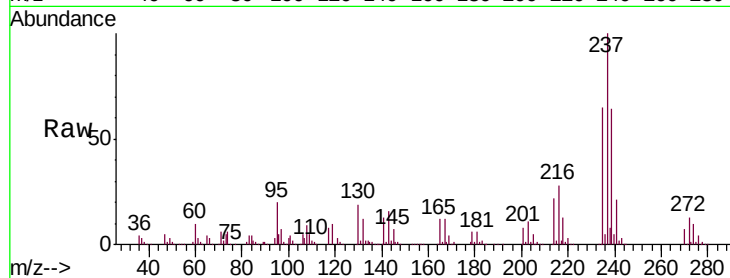




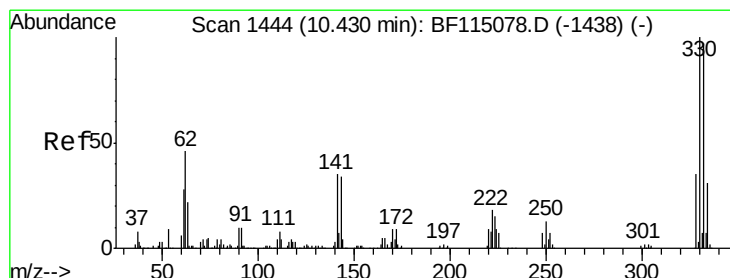
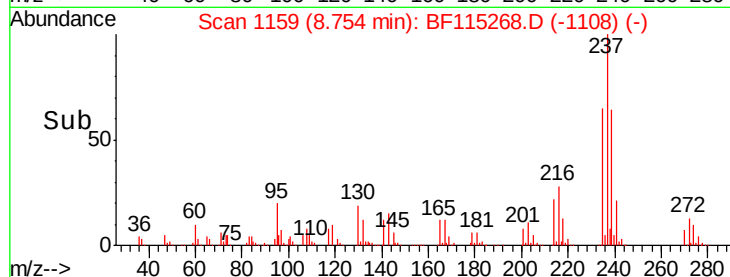
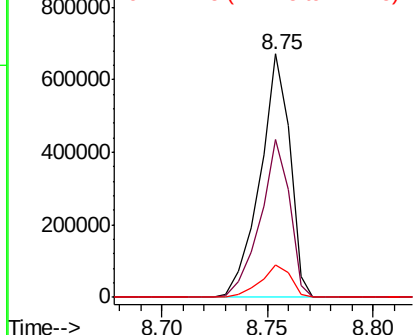
#41
Hexachlorocyclopentadiene
Concen: 97.329 ng
RT: 8.75 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion: 237 Resp: 659979
Ion Ratio Lower Upper
237 100
235 64.9 43.9 83.9
272 13.4 0.0 33.8

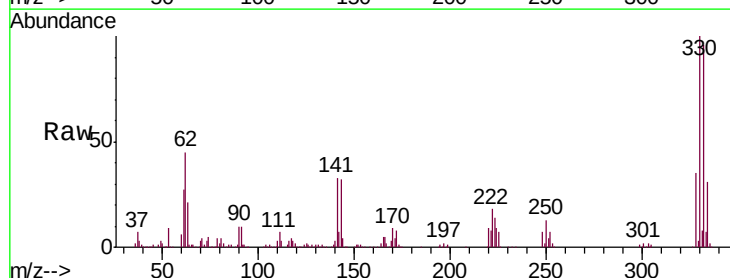


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

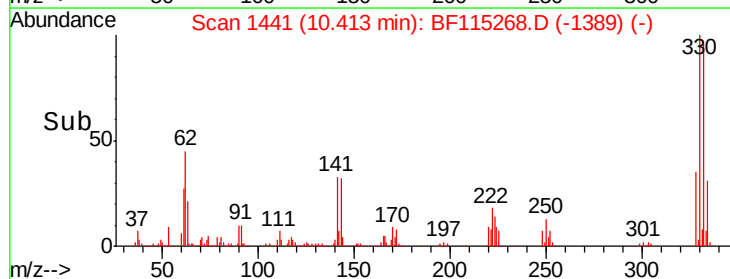
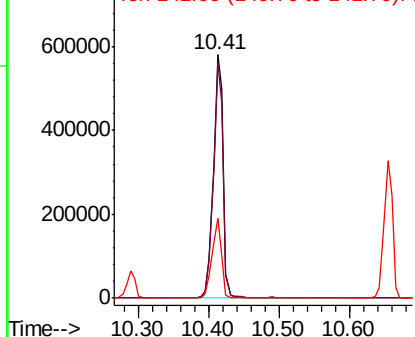


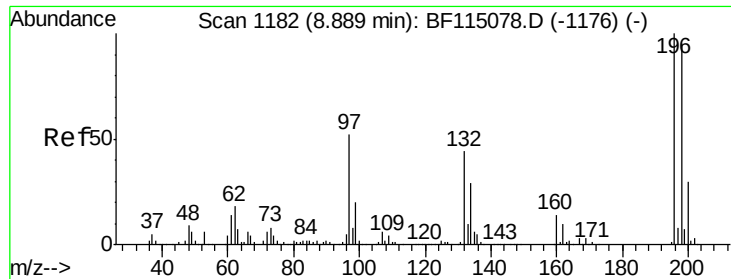
#42
2,4,6-Tribromophenol
Concen: 133.230 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 330 Resp: 568565
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 31.5 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

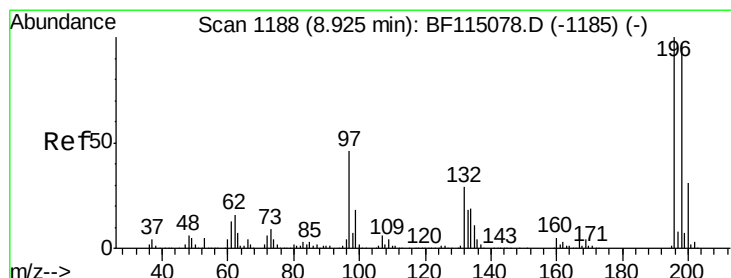
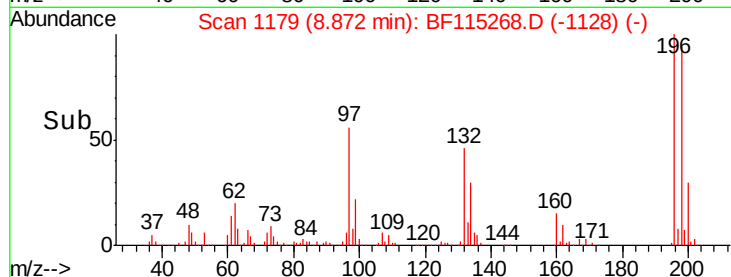
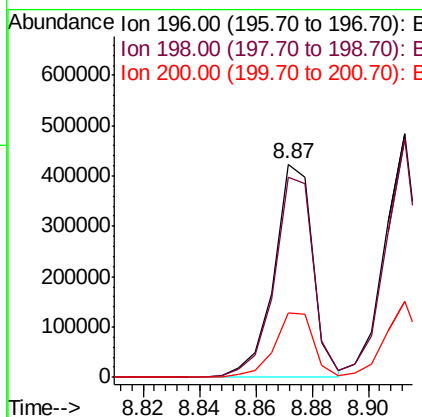
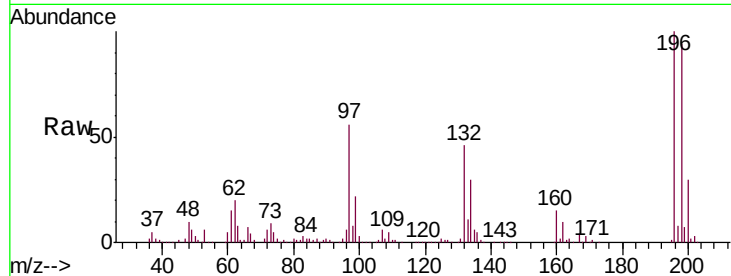




#43
 2,4,6-Trichlorophenol
 Concen: 45.629 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

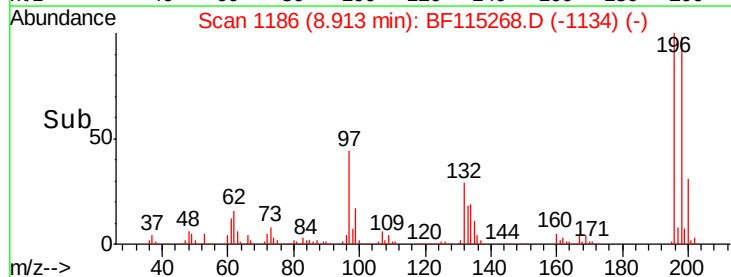
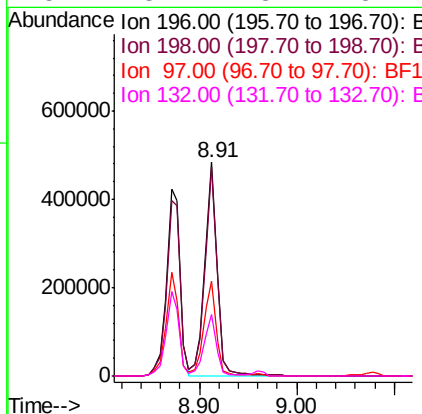
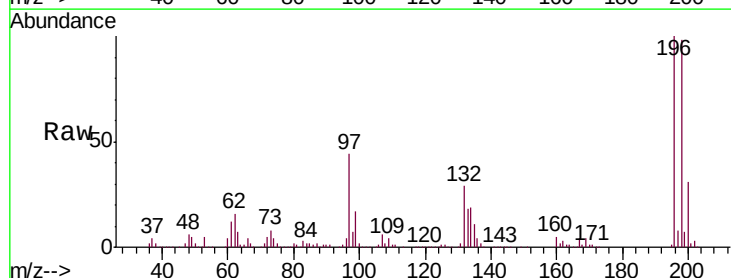
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

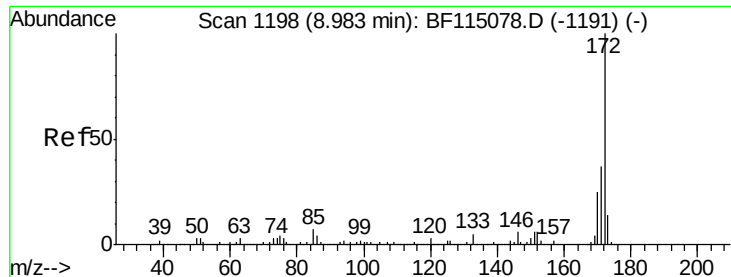
Tgt Ion:196 Resp: 402843
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.693 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:196 Resp: 424528
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.1 115.7
 97 44.5 37.7 56.5
 132 28.7 23.1 34.7

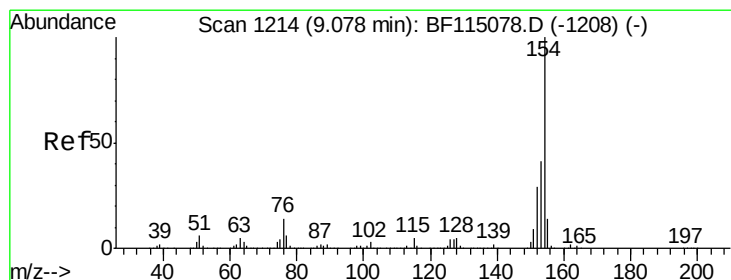
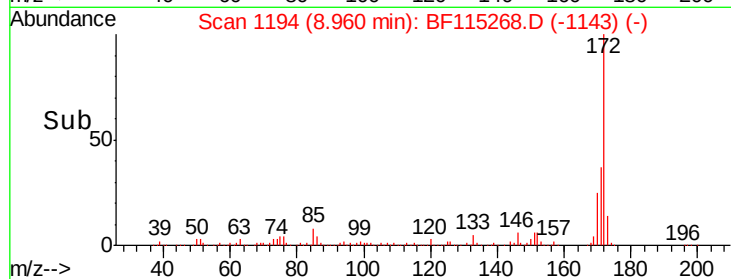
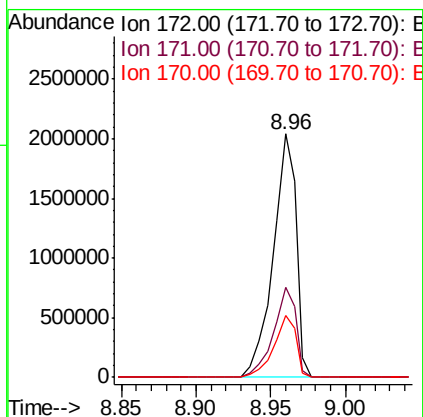
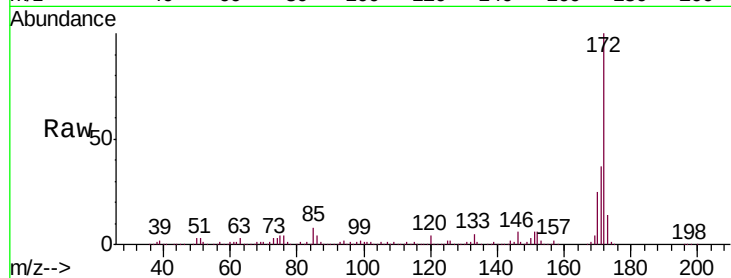




#45
 2-Fluorobiphenyl
 Concen: 91.323 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

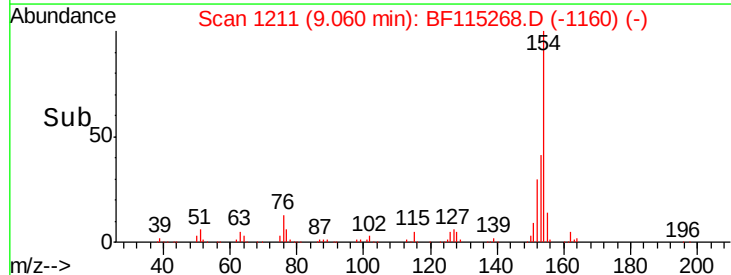
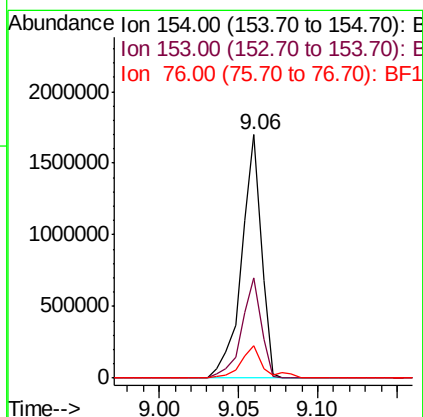
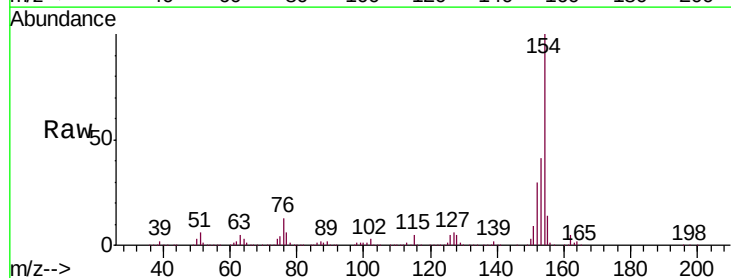
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

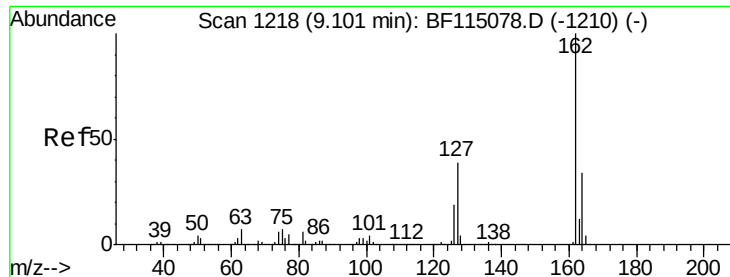
Tgt Ion:172 Resp: 2175694
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.5 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 45.051 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:154 Resp: 1458770
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.9 60.9
 76 13.2 0.0 34.1

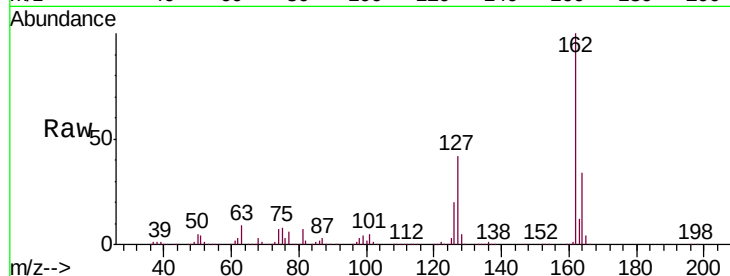




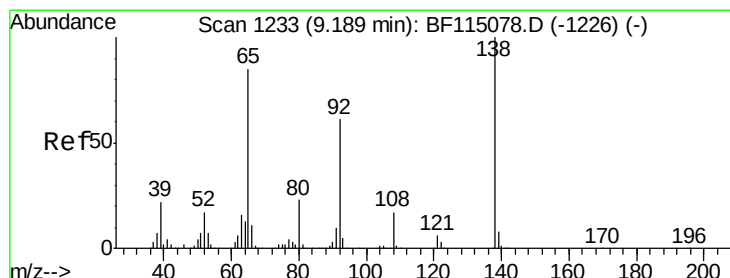
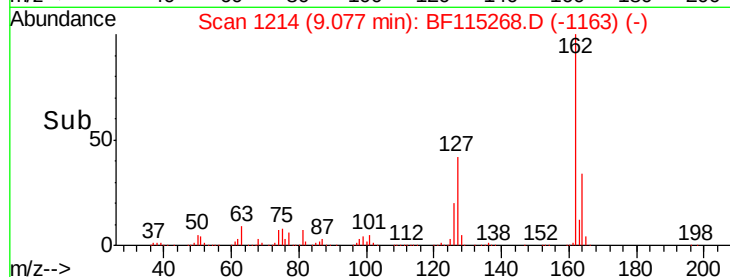
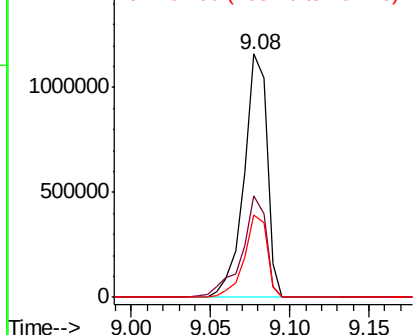
#47
2-Chloronaphthalene
Concen: 44.387 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion: 162 Resp: 1165853
Ion Ratio Lower Upper
162 100
127 42.0 30.8 46.2
164 34.0 27.0 40.4

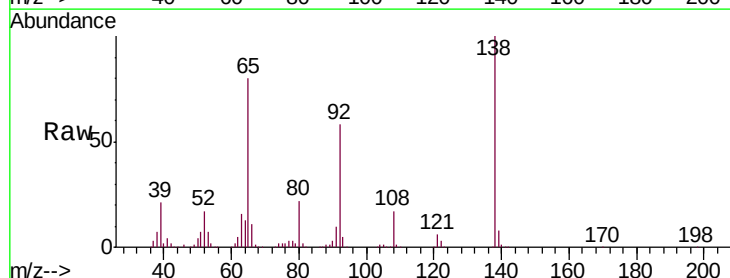


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

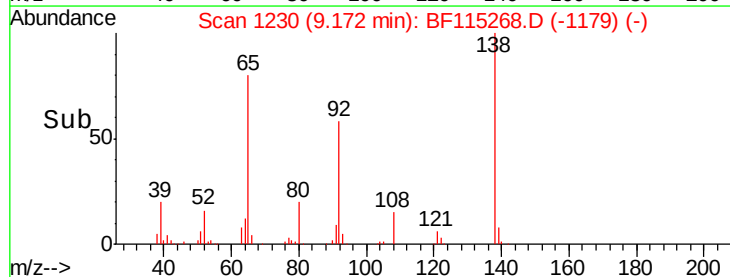
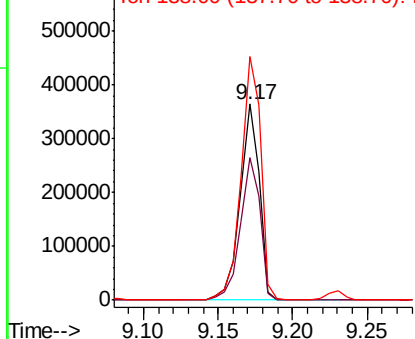


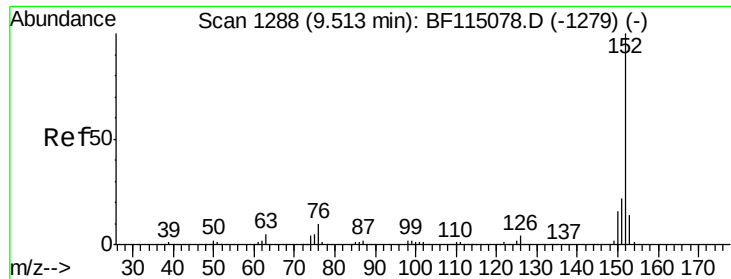
#48
2-Nitroaniline
Concen: 42.880 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 65 Resp: 328352
Ion Ratio Lower Upper
65 100
92 72.4 57.4 86.2
138 124.2 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: 44.694 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

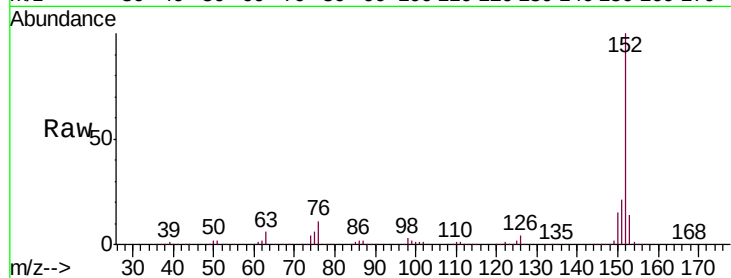
Tgt Ion:152 Resp: 1828980

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

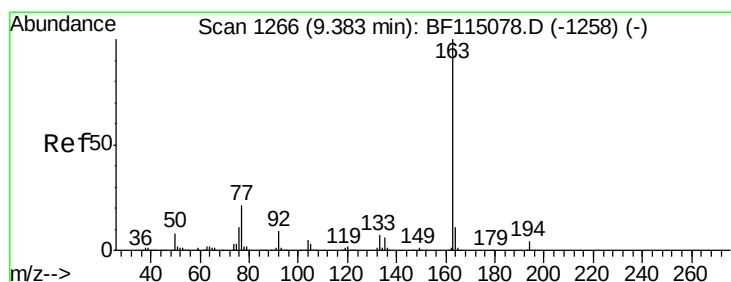
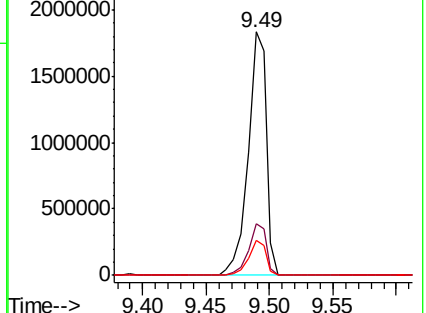
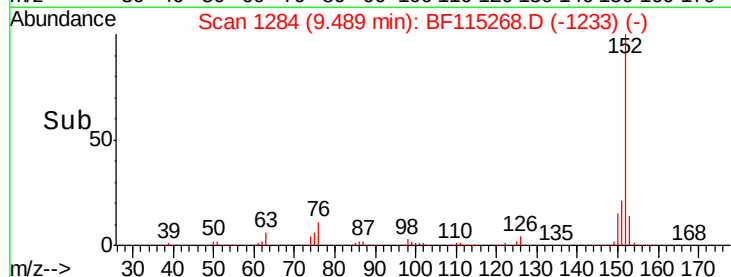
153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.242 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

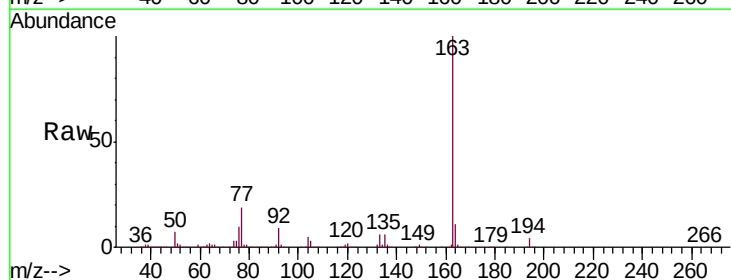
Tgt Ion:163 Resp: 1317243

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

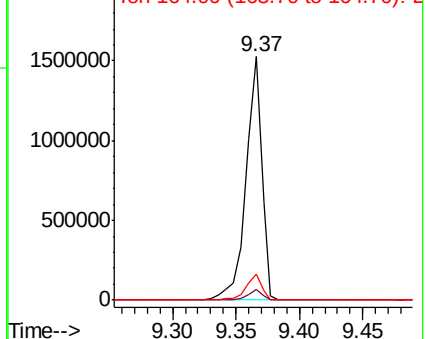
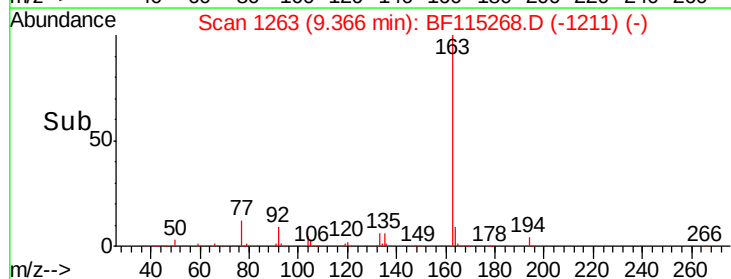
164 10.5 8.6 13.0

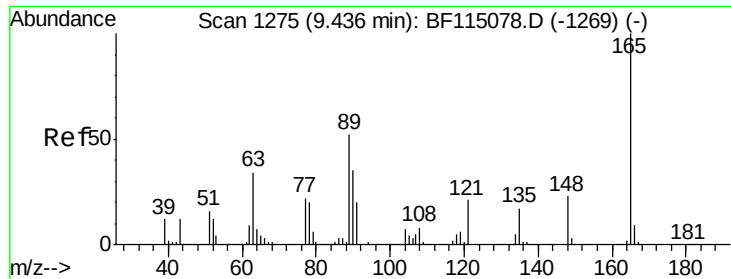


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.348 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

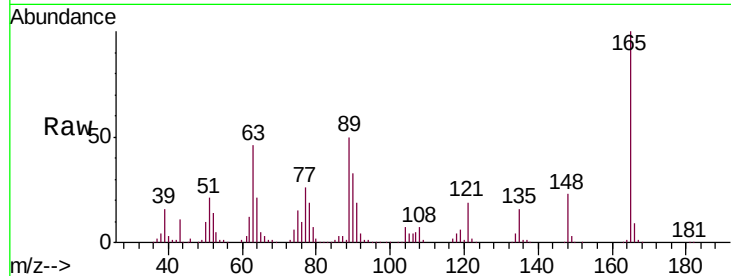
Tgt Ion:165 Resp: 311708

Ion Ratio Lower Upper

165 100

63 46.4 39.4 59.2

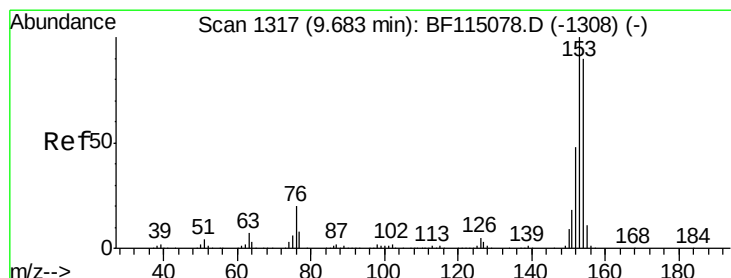
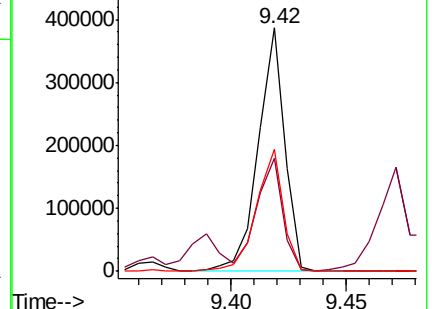
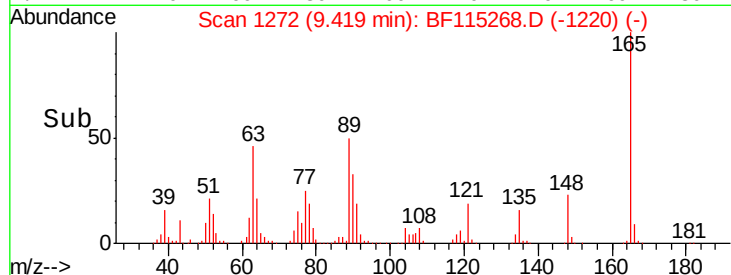
89 50.0 42.0 63.0



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: 41.322 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

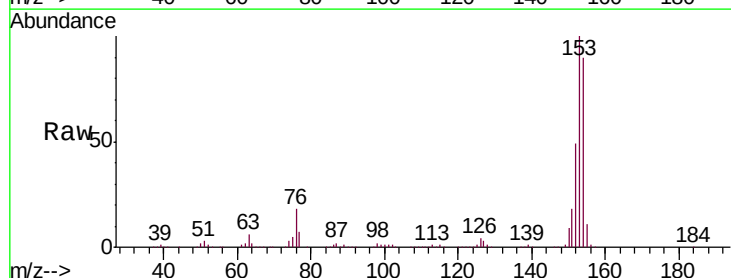
Tgt Ion:154 Resp: 1058145

Ion Ratio Lower Upper

154 100

153 111.5 88.7 133.1

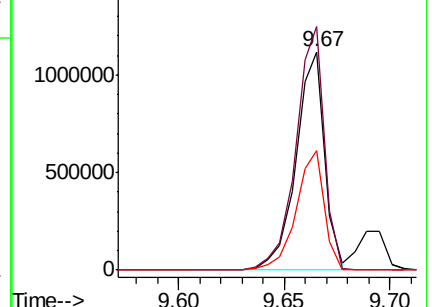
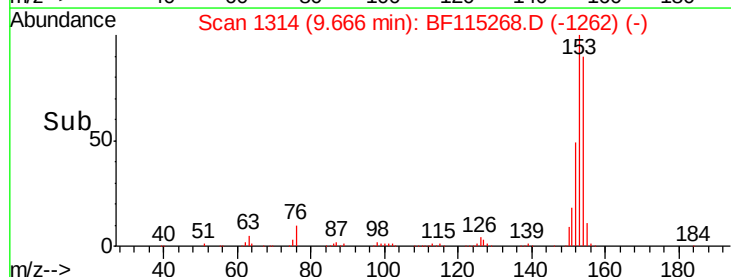
152 54.6 42.6 64.0

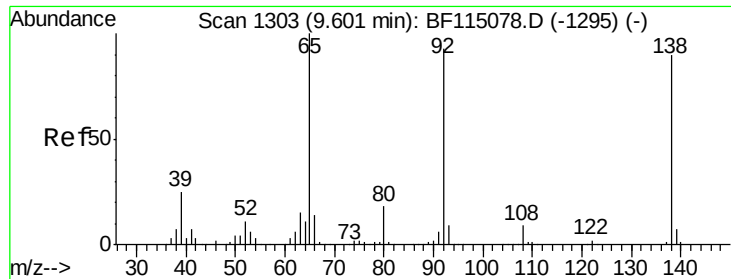


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

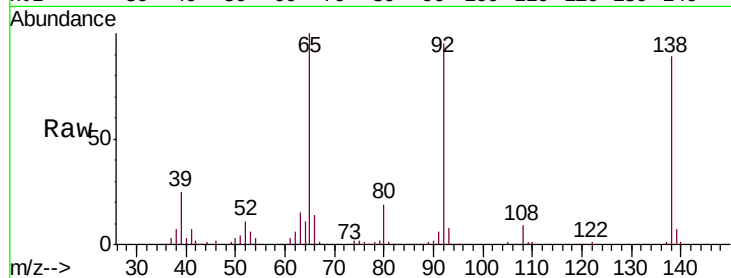




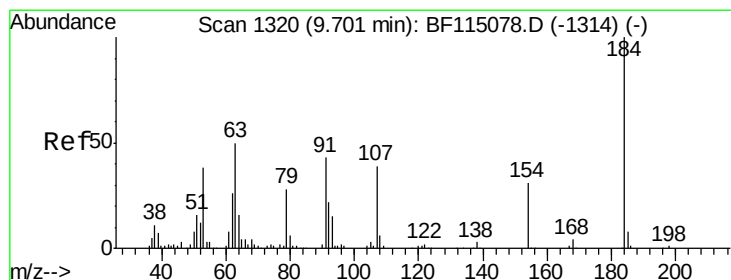
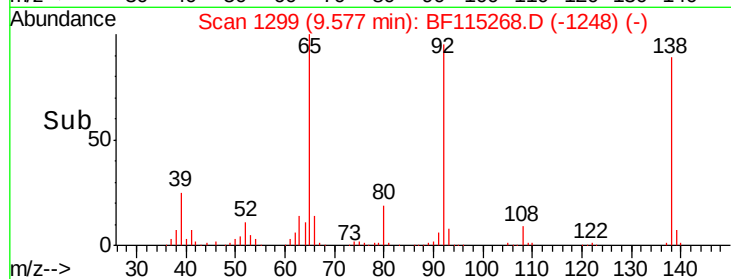
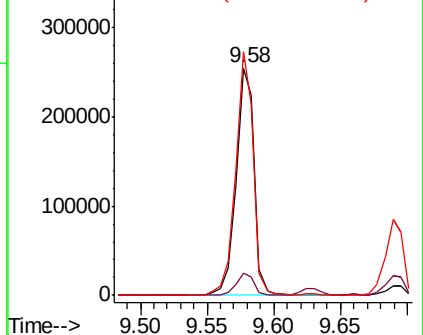
#53
 3-Nitroaniline
 Concen: 28.830 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tgt Ion:138 Resp: 241837
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 107.0 82.9 124.3

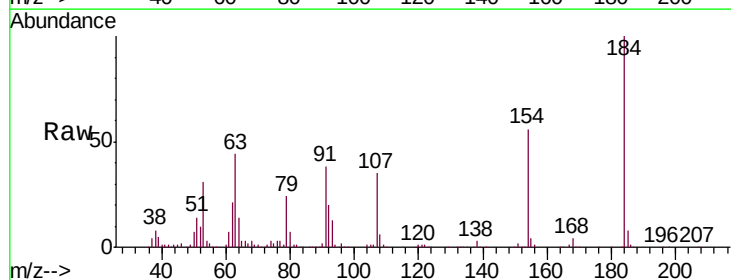


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

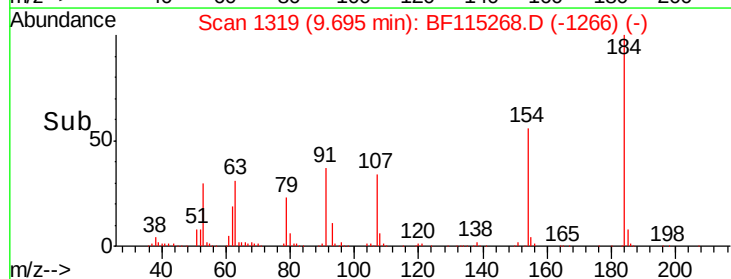
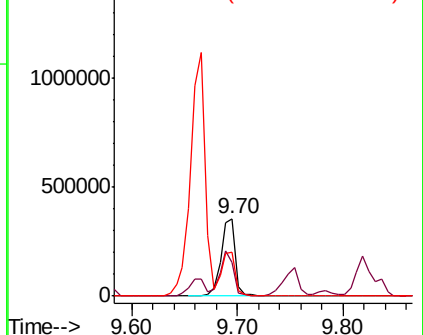


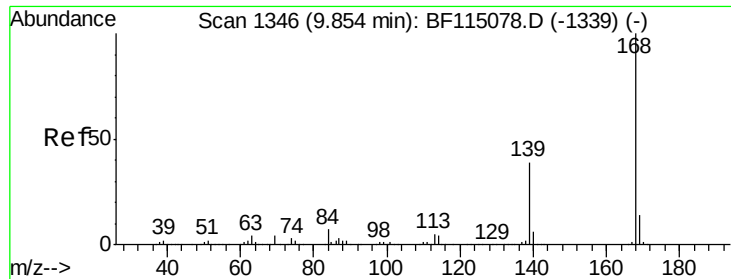
#54
 2,4-Dinitrophenol
 Concen: 95.578 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:184 Resp: 343632
 Ion Ratio Lower Upper
 184 100
 63 43.6 41.9 62.9
 154 56.1 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

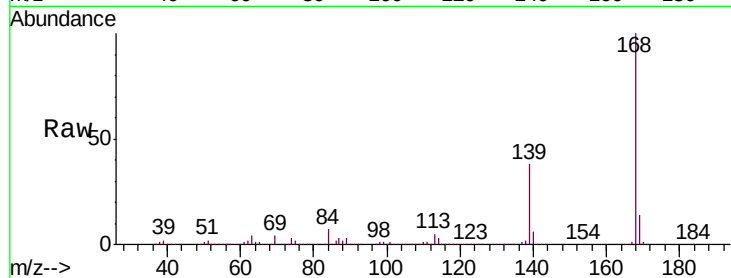




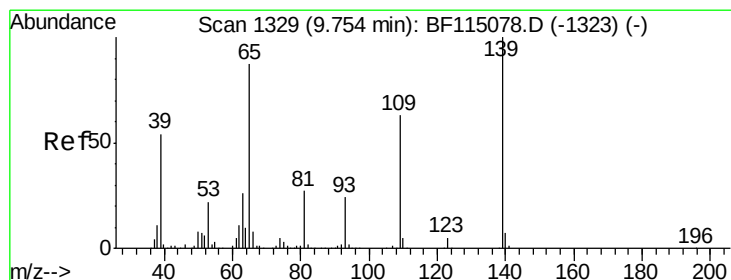
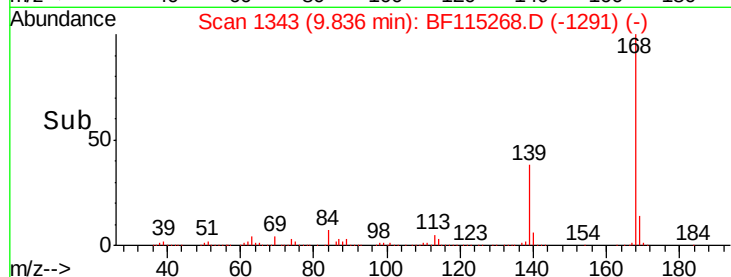
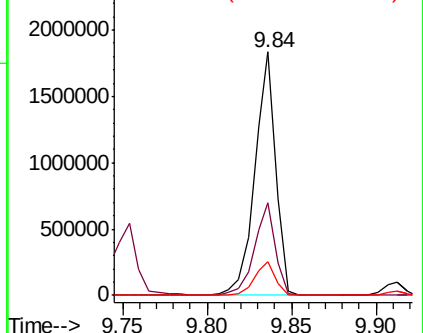
#55
Dibenzofuran
Concen: 43.186 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion:168 Resp: 1587232
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 14.0 11.3 16.9

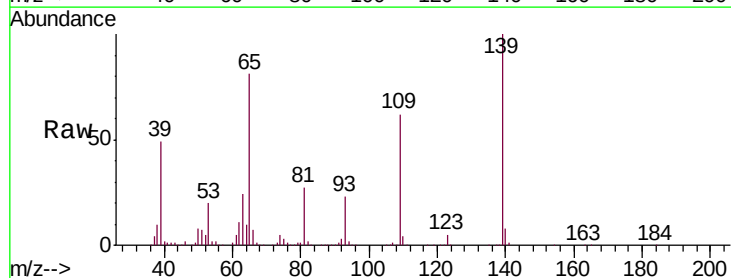


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

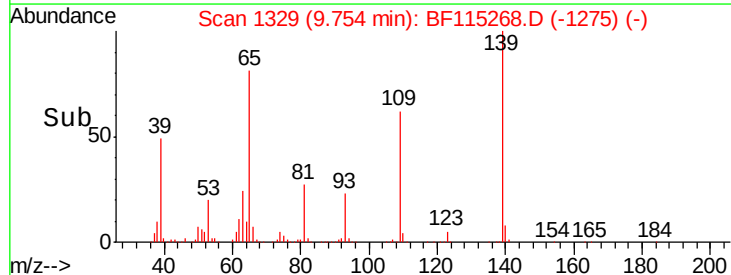
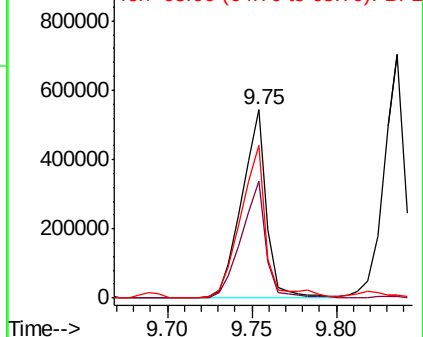


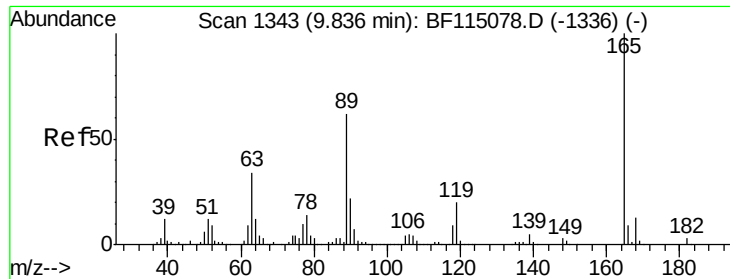
#56
4-Nitrophenol
Concen: 83.042 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:139 Resp: 558450
Ion Ratio Lower Upper
139 100
109 62.0 43.0 83.0
65 81.0 67.0 107.0



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

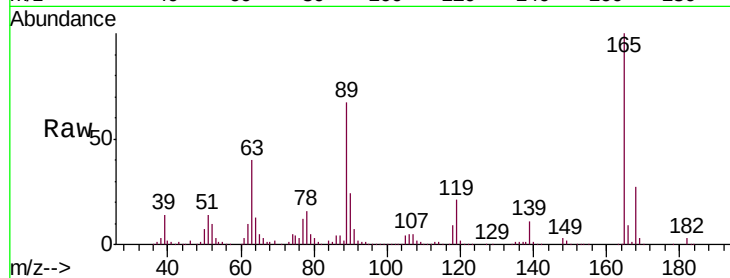




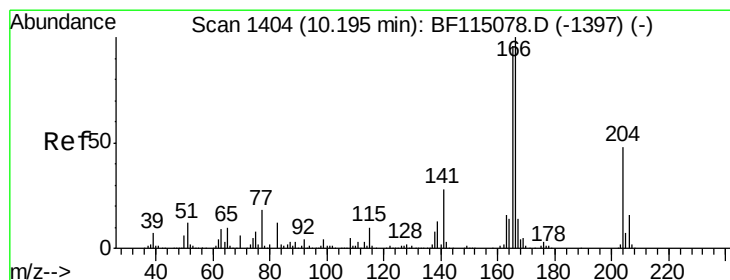
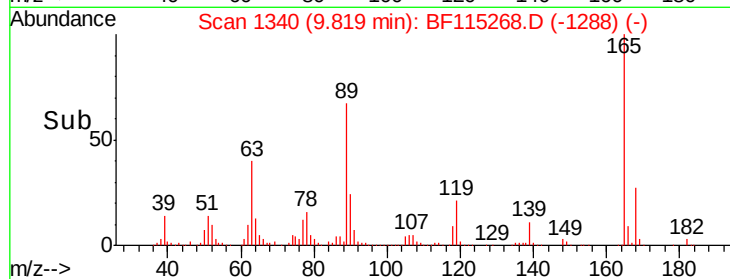
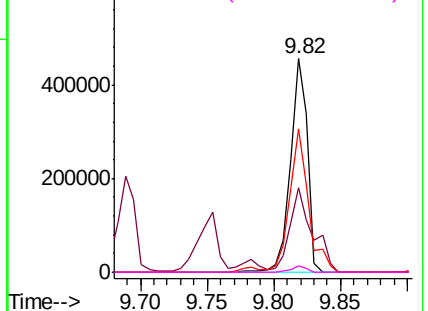
#57
2,4-Dinitrotoluene
Concen: 45.953 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Instrument :
BNA_F
ClientSampleId :
PB120890BS

Tgt Ion:	165	Resp:	407851
Ion	Ratio	Lower	Upper
165	100		
63	39.8	27.5	41.3
89	67.3	49.9	74.9
182	2.7	2.1	3.1

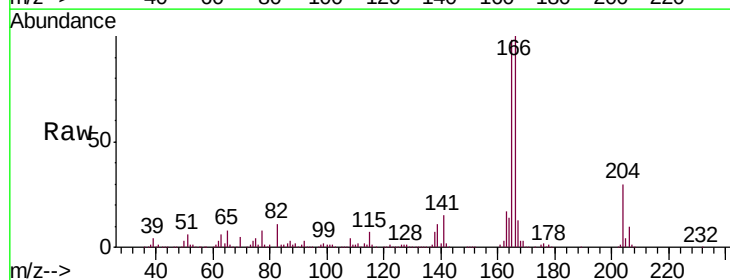


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

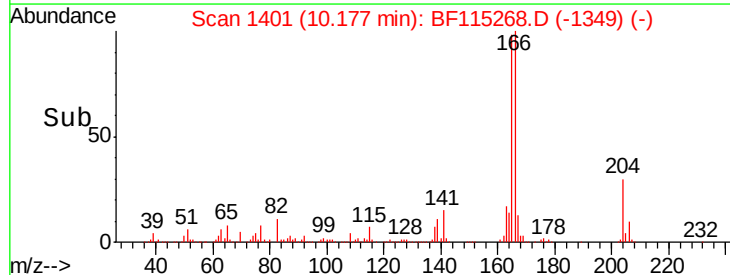
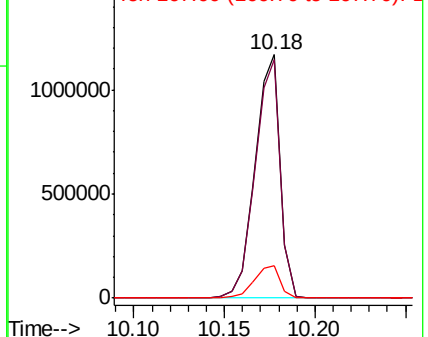


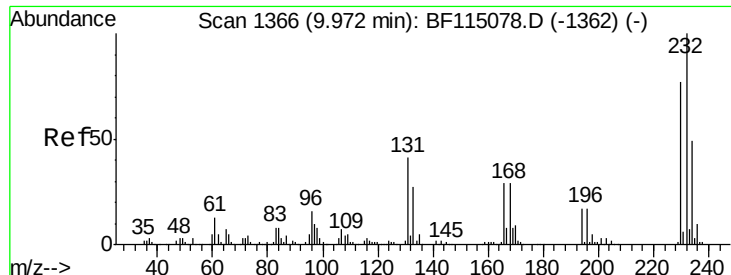
#58
Fluorene
Concen: 45.983 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion:	166	Resp:	1121689
Ion	Ratio	Lower	Upper
166	100		
165	98.1	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

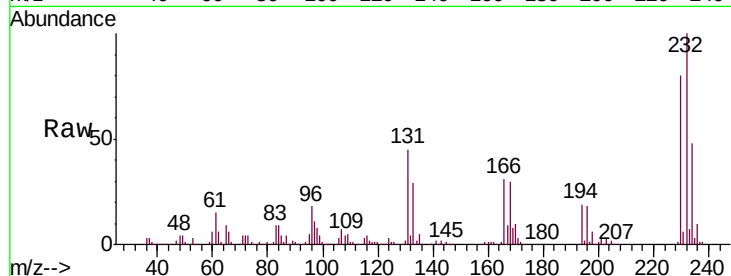




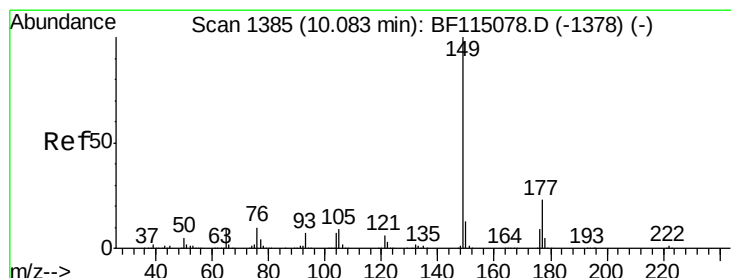
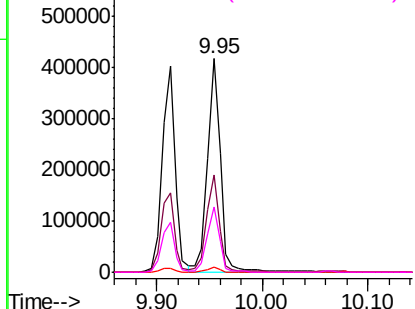
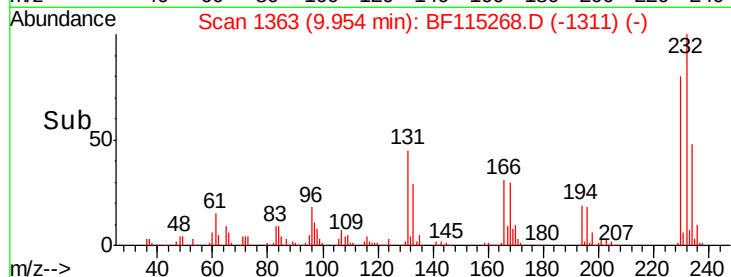
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.726 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tgt Ion:	232	Resp:	356227
Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.0
130	2.2	1.8	2.6
166	29.6	24.6	36.8

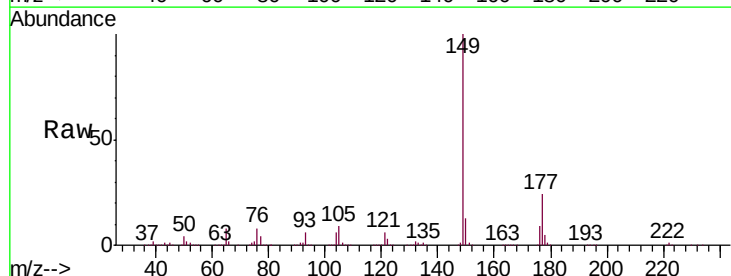


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

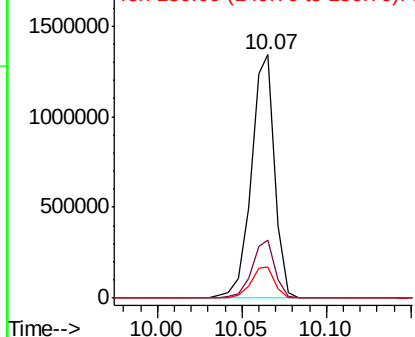
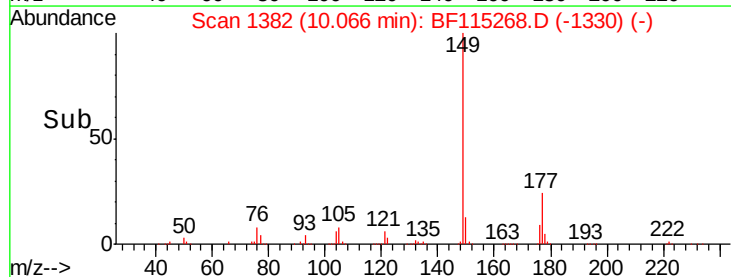


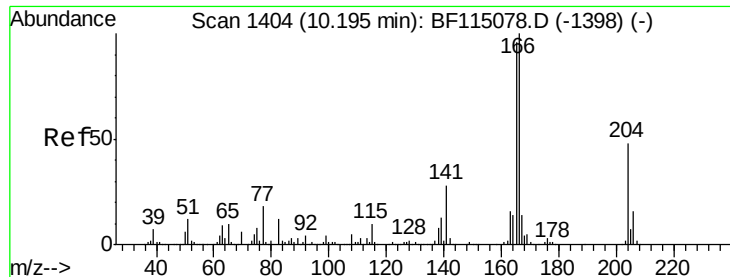
#60
 Diethylphthalate
 Concen: 43.260 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:	149	Resp:	1294712
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	12.6	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

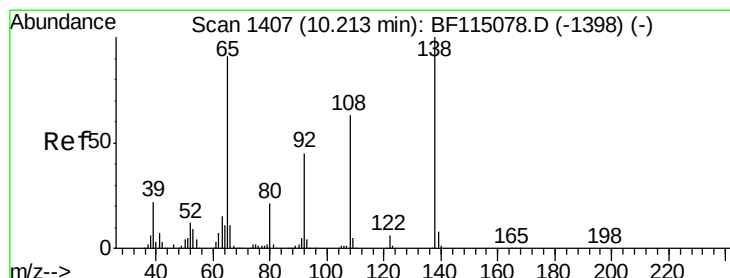
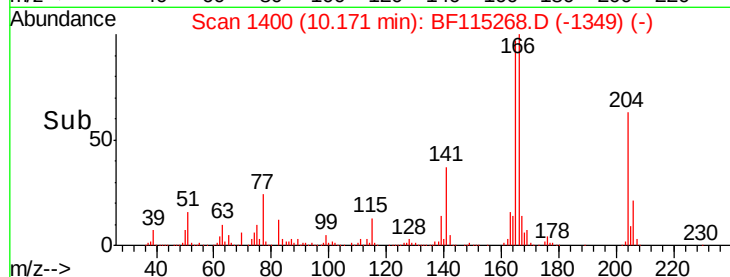
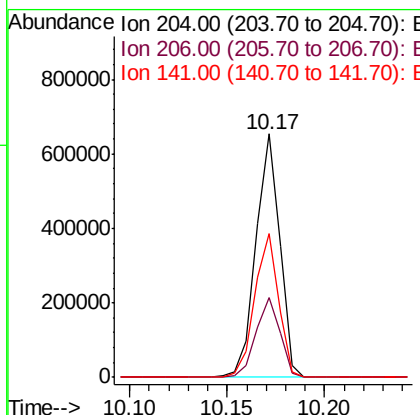
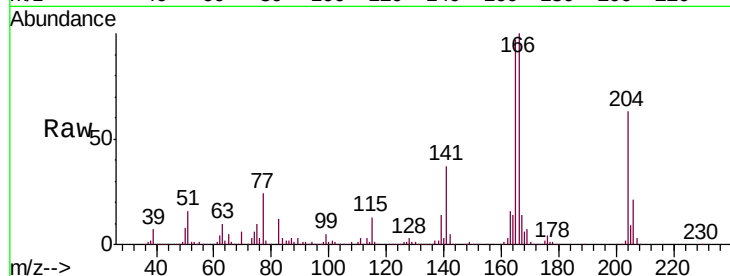




#61
 4-Chlorophenyl-phenylether
 Concen: 48.253 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

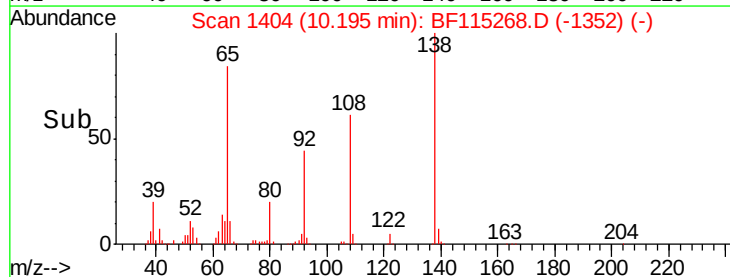
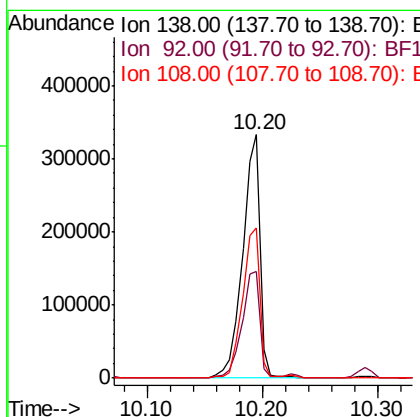
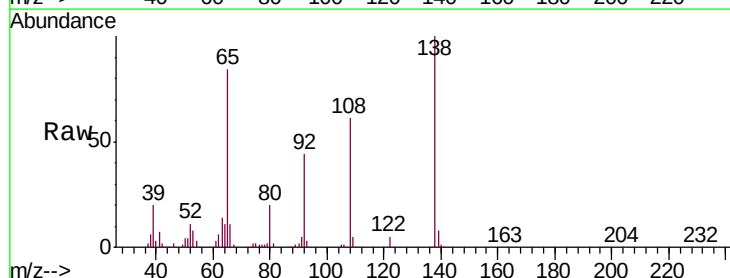
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

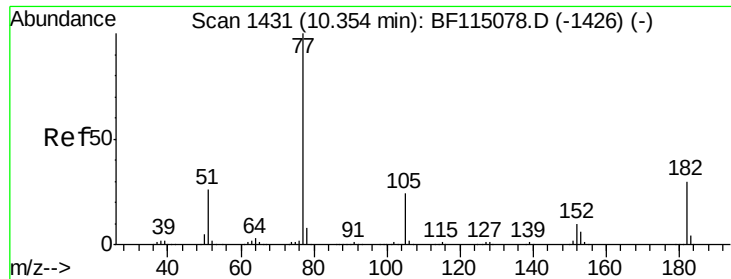
Tgt Ion: 204 Resp: 555401
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 40.0
 141 59.0 46.7 70.1



#62
 4-Nitroaniline
 Concen: 41.323 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion: 138 Resp: 347734
 Ion Ratio Lower Upper
 138 100
 92 43.7 24.8 64.8
 108 61.5 43.3 83.3

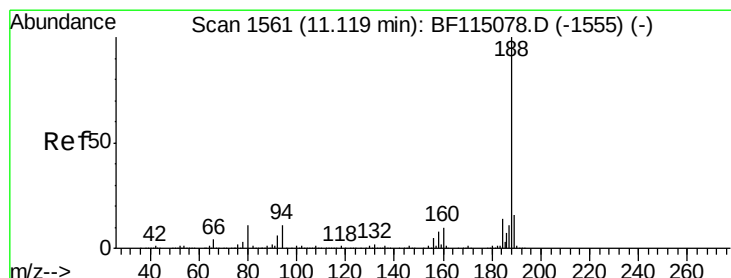
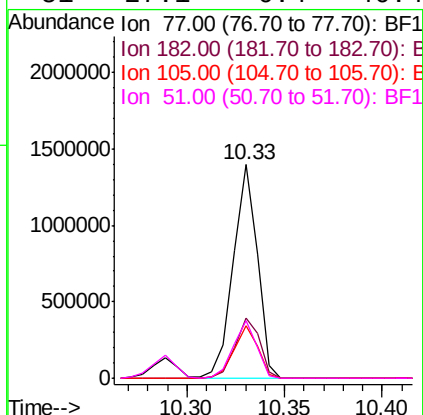
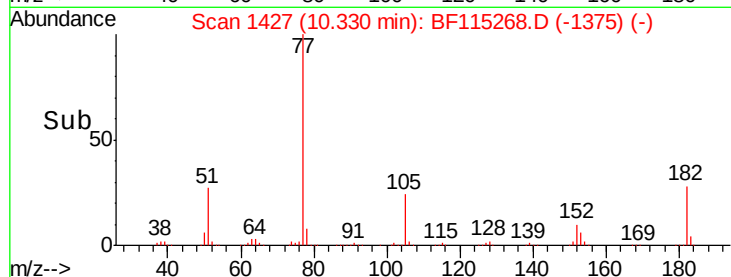
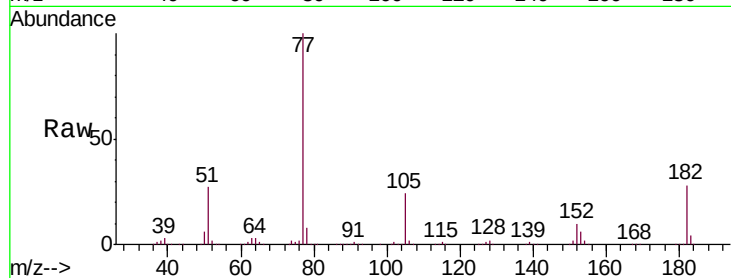




#63
Azobenzene
Concen: 43.098 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

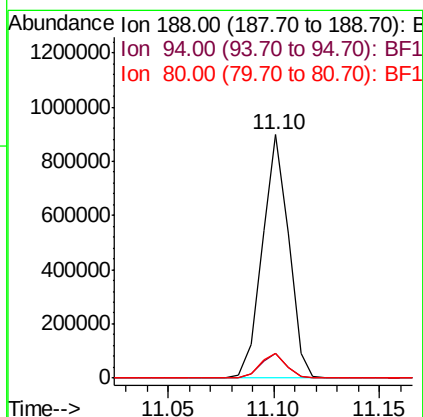
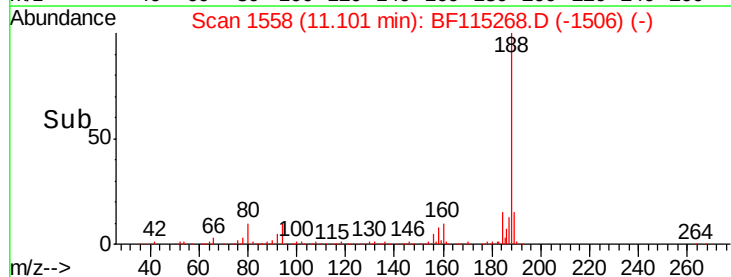
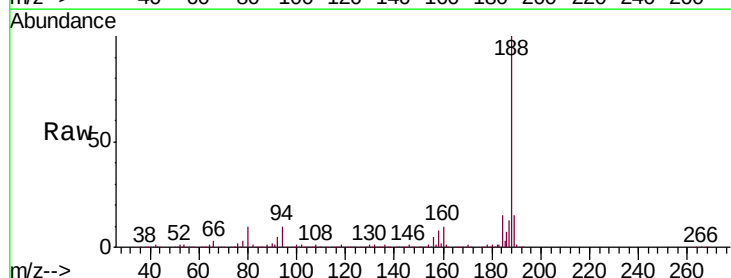
Instrument :
BNA_F
ClientSampleId :
PB120890BS

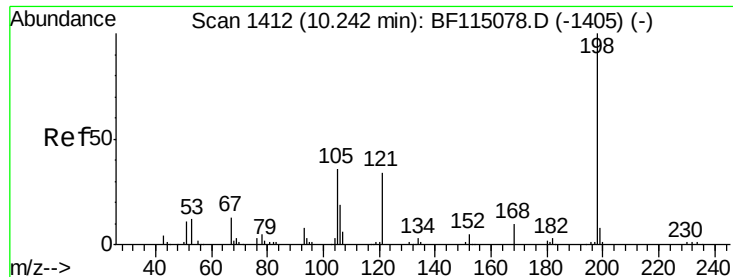
Tgt Ion: 77 Resp: 1204766
Ion Ratio Lower Upper
77 100
182 28.5 10.1 50.1
105 24.3 4.5 44.5
51 27.1 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115268.D
Acq: 28 Jun 2019 9:10

Tgt Ion: 188 Resp: 782171
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.1 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 50.534 ng

RT: 10.22 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

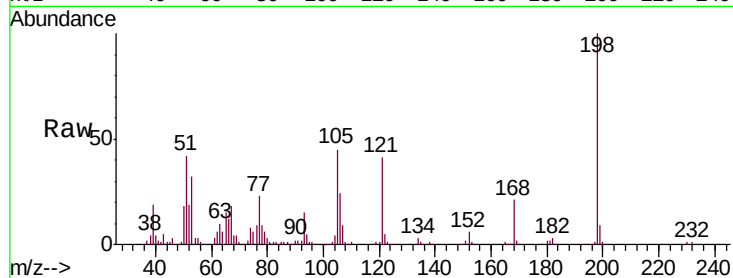
Tgt Ion:198 Resp: 211527

Ion Ratio Lower Upper

198 100

51 42.3 11.0 51.0

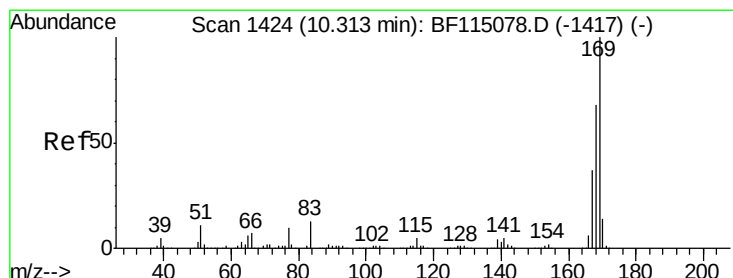
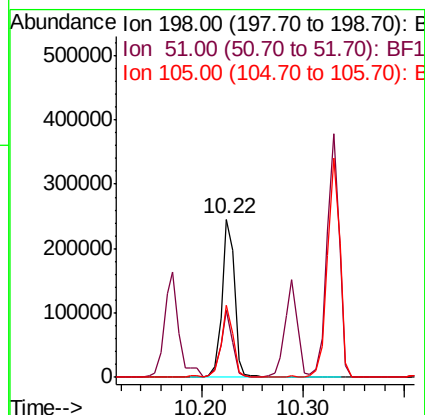
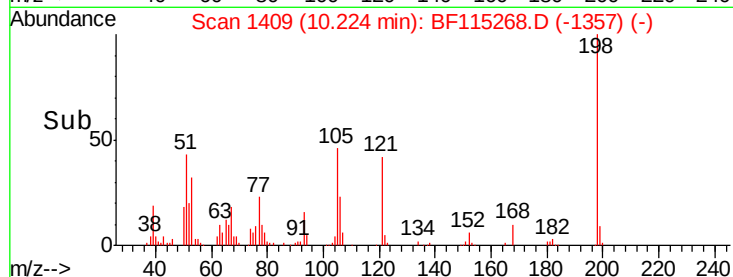
105 45.3 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.213 ng

RT: 10.29 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

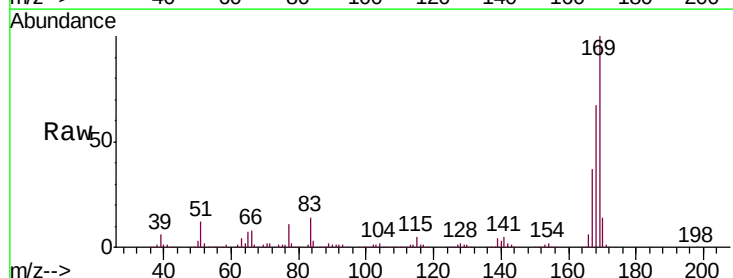
Tgt Ion:169 Resp: 1101777

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.4

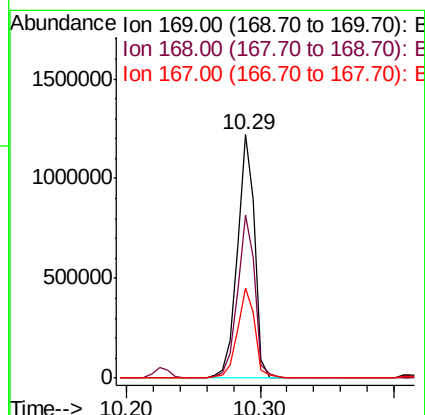
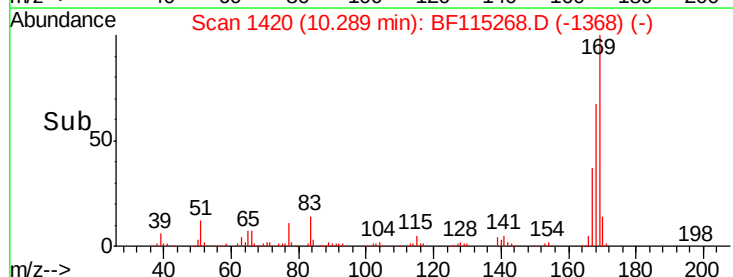
167 36.9 29.4 44.0

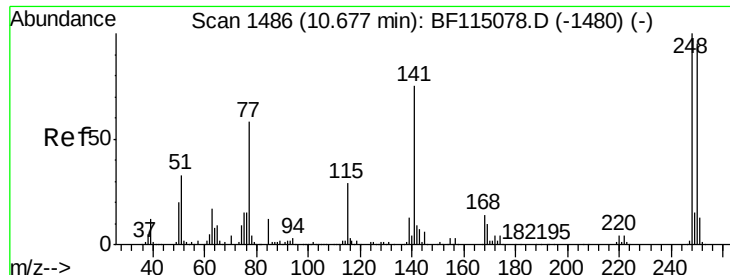


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

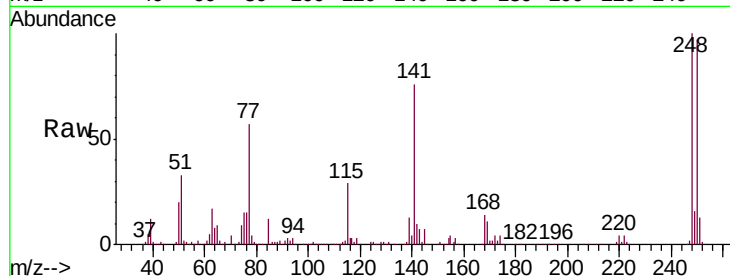




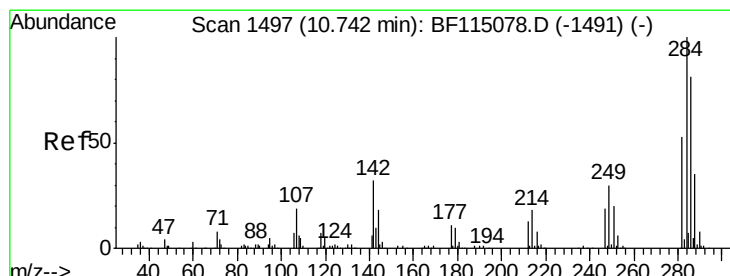
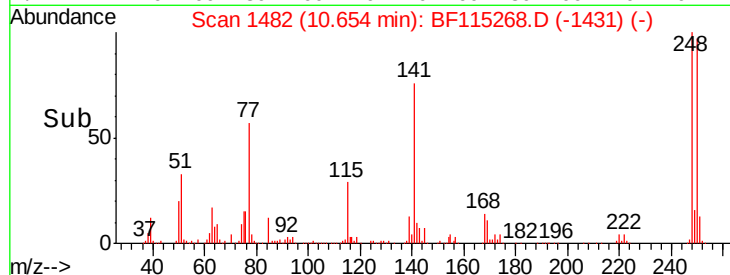
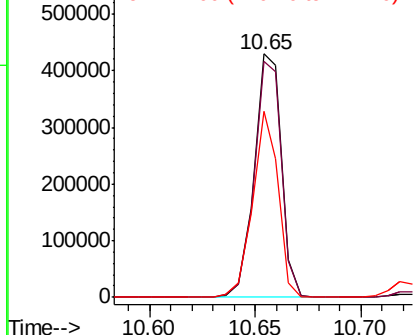
#67
 4-Bromophenyl-phenylether
 Concen: 45.494 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tgt Ion:248 Resp: 385805
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.2 114.2
 141 76.4 59.6 89.4

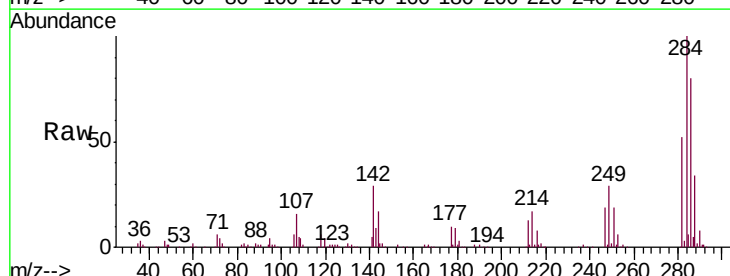


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

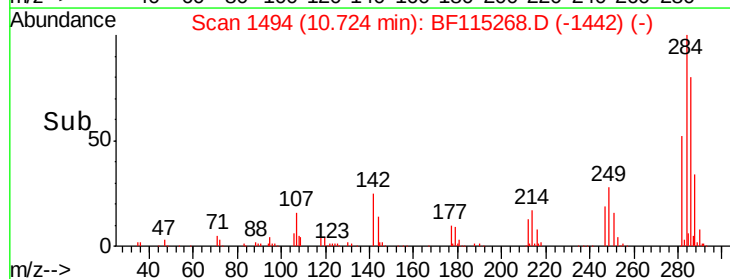
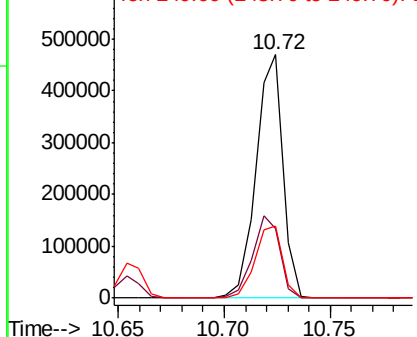


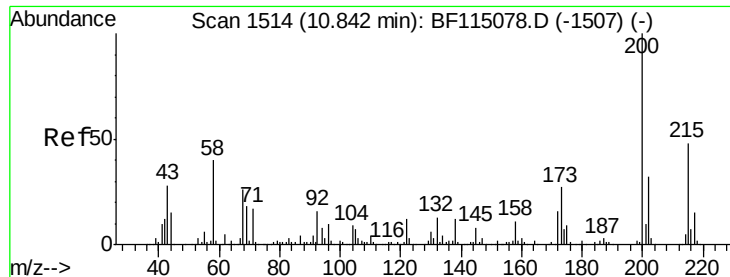
#68
 Hexachlorobenzene
 Concen: 45.369 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:284 Resp: 417613
 Ion Ratio Lower Upper
 284 100
 142 28.7 25.8 38.8
 249 29.4 24.2 36.4



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

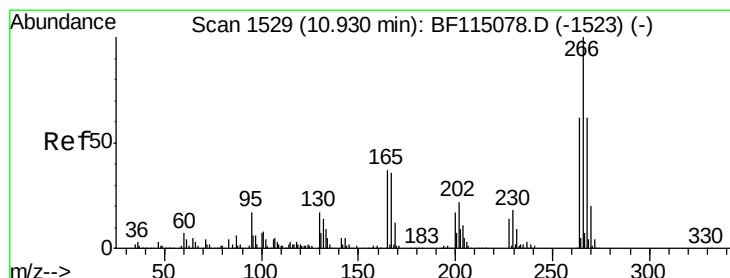
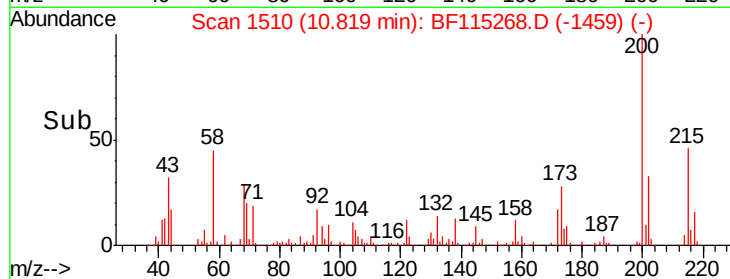
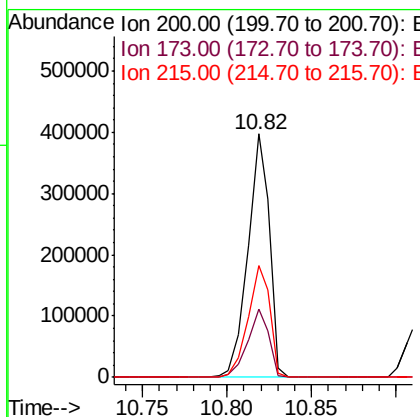
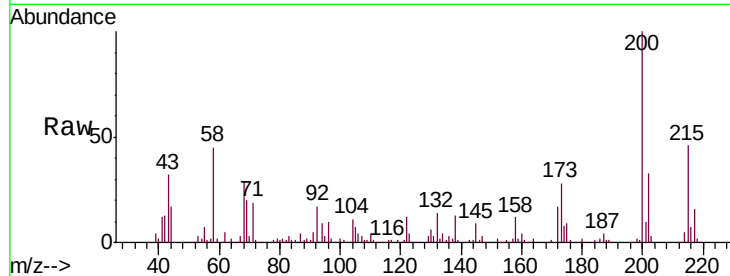




#69
 Atrazine
 Concen: 45.302 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

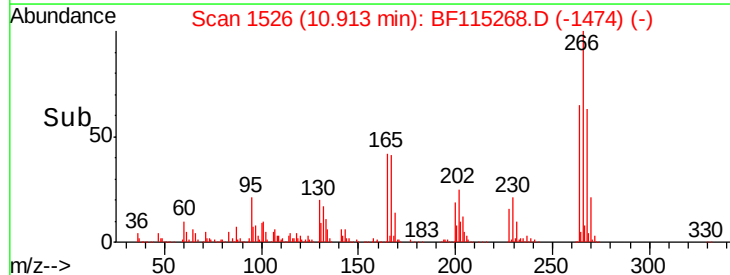
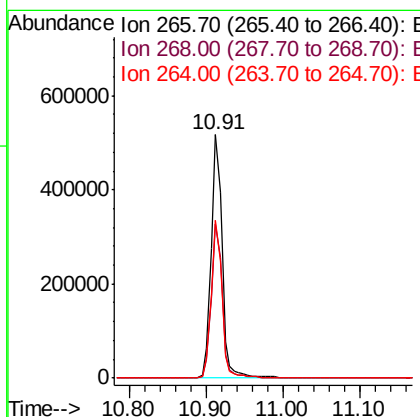
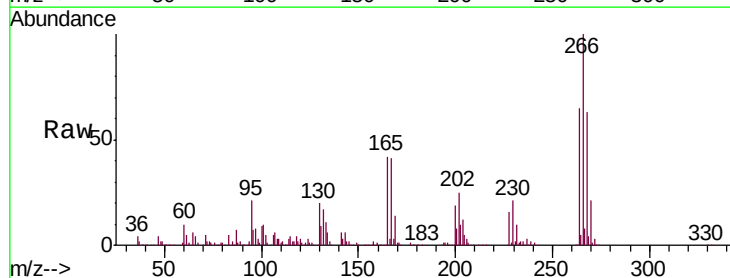
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

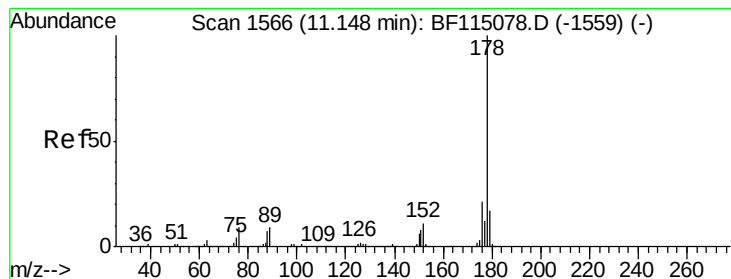
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	46.0	27.8	67.8



#70
 Pentachlorophenol
 Concen: 86.777 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.5	74.3
264	65.0	49.3	73.9





#71

Phenanthrene

Concen: 42.519 ng

RT: 11.13 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

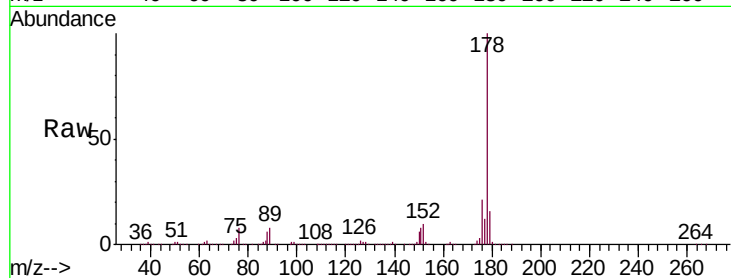
Tgt Ion:178 Resp: 1790622

Ion Ratio Lower Upper

178 100

176 20.6 16.9 25.3

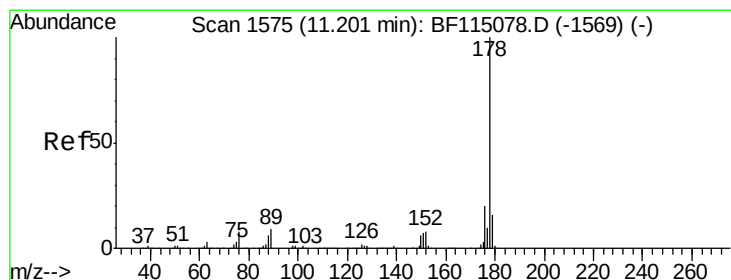
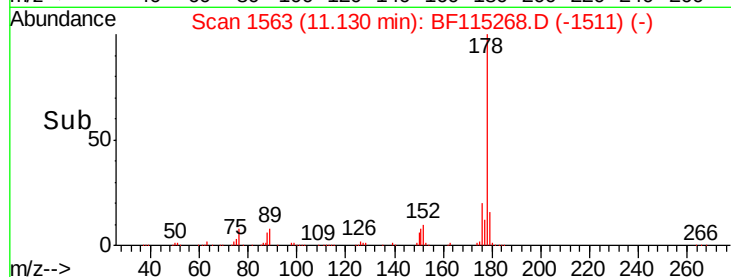
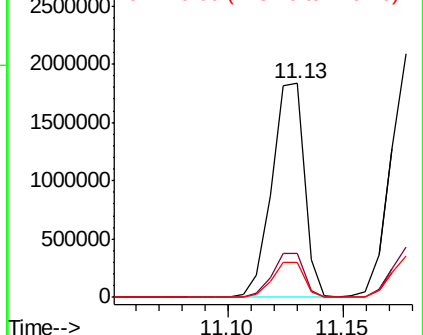
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.304 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

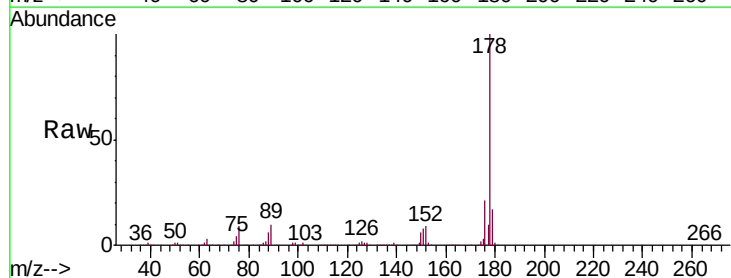
Tgt Ion:178 Resp: 1840849

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

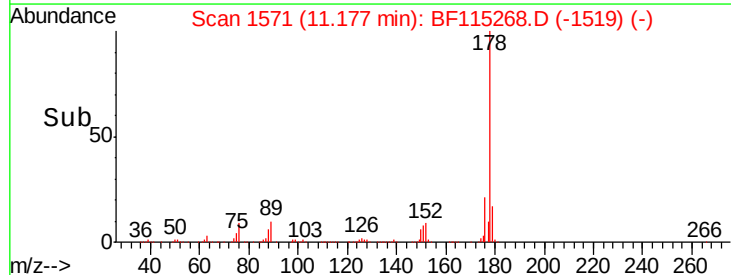
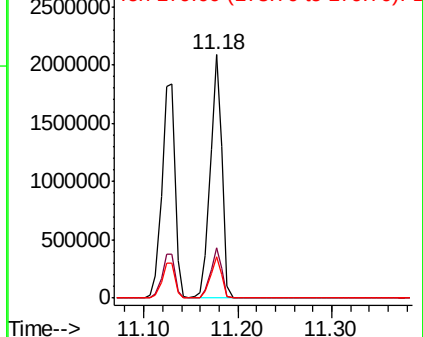
179 16.8 12.9 19.3

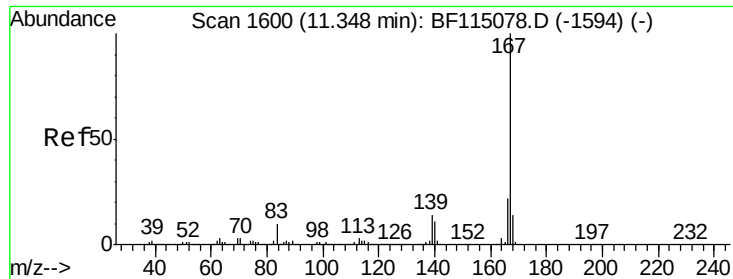


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

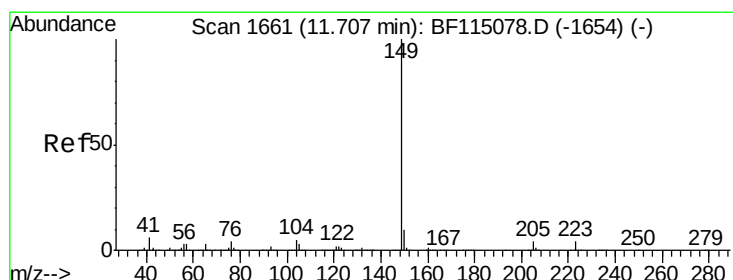
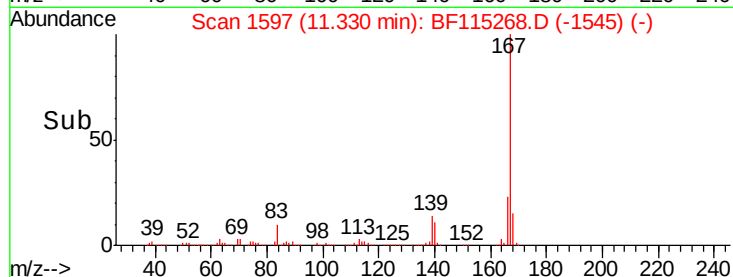
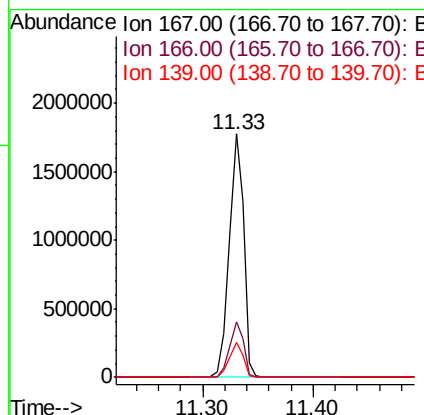
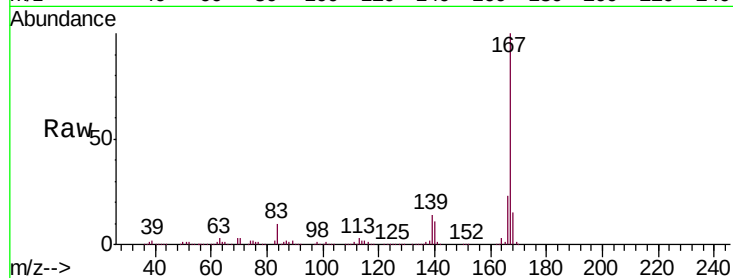




#73
 Carbazole
 Concen: 43.200 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

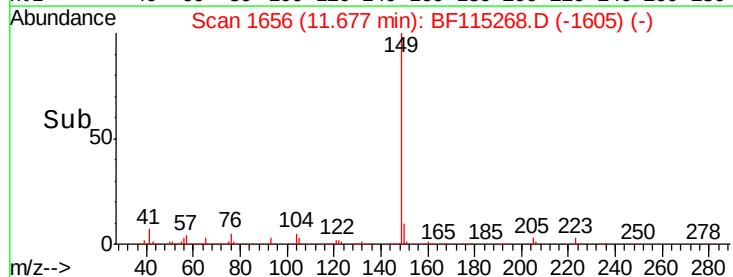
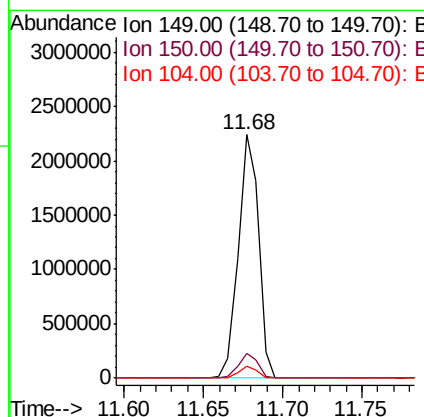
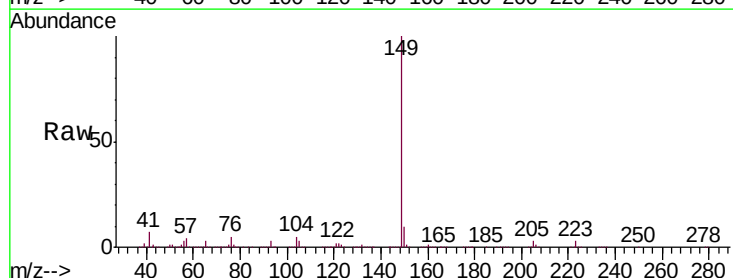
Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

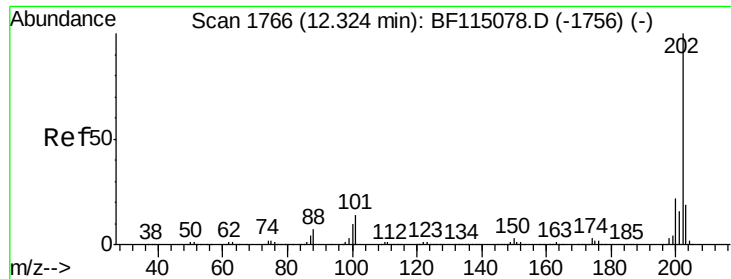
Tgt Ion:167 Resp: 1639890
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 45.149 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion:149 Resp: 1980465
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.9 3.7 5.5

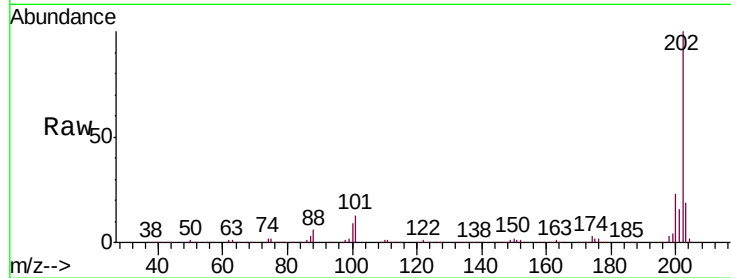




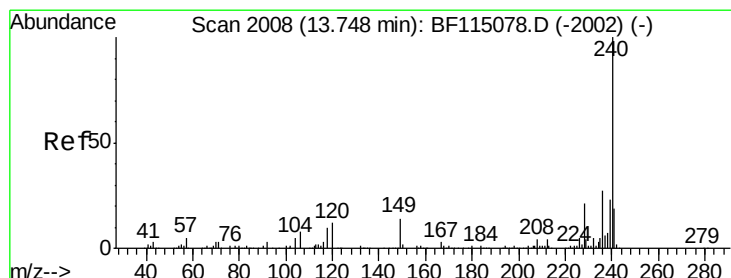
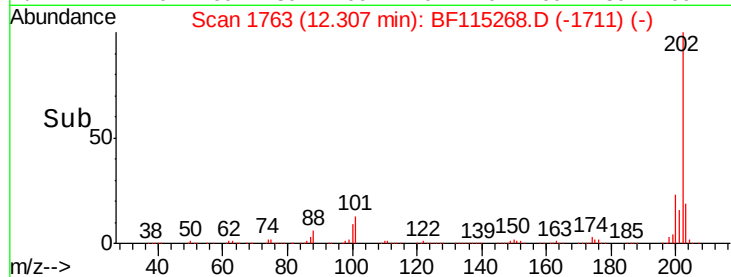
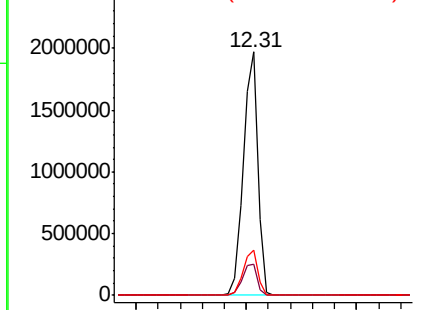
#75
 Fluoranthene
 Concen: 43.438 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BS

Tgt Ion: 202 Resp: 1825205
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.0
 203 18.6 0.0 38.8

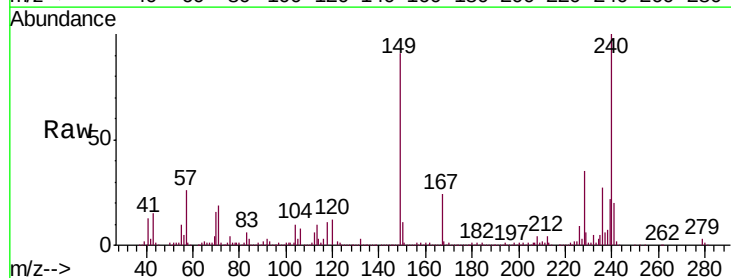


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

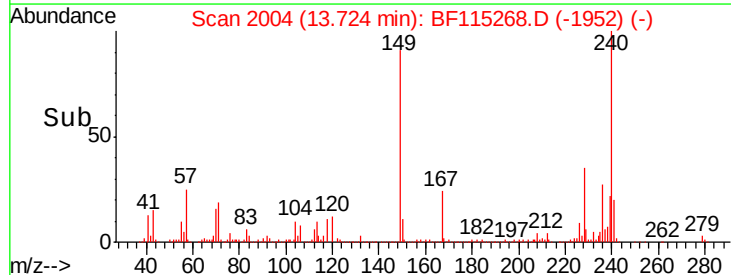
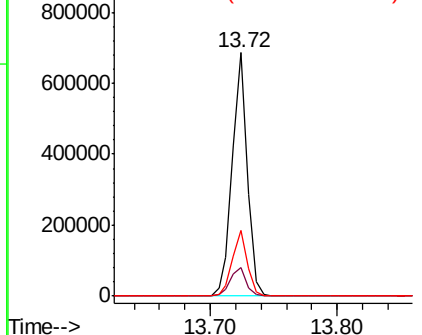


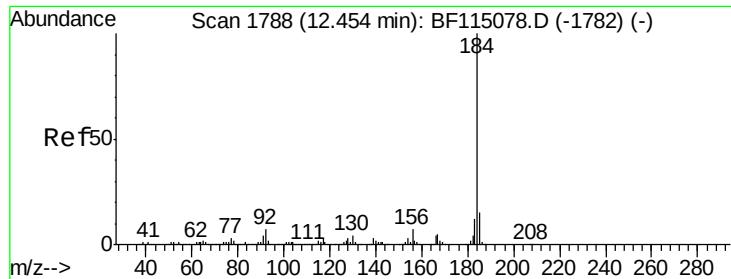
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115268.D
 Acq: 28 Jun 2019 9:10

Tgt Ion: 240 Resp: 557936
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.4 14.2
 236 26.9 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: 39.798 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

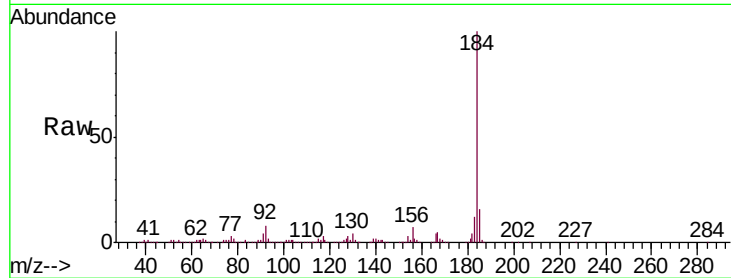
Tgt Ion:184 Resp: 985967

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

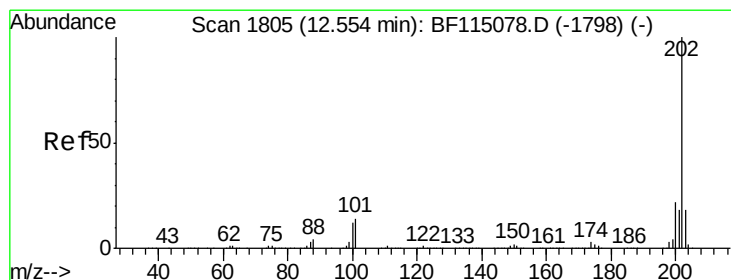
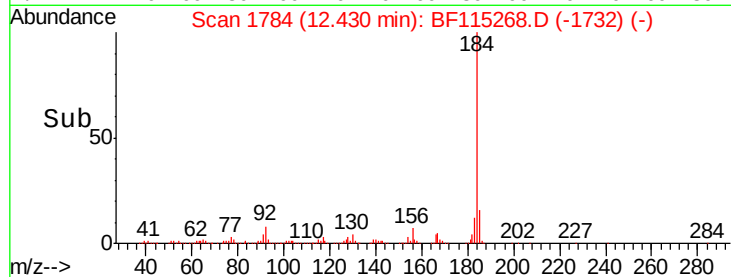
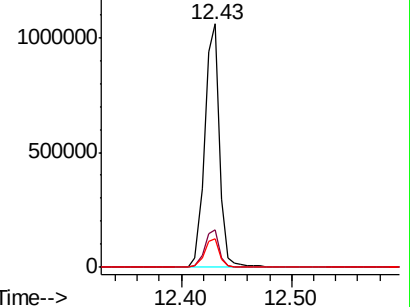
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.449 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

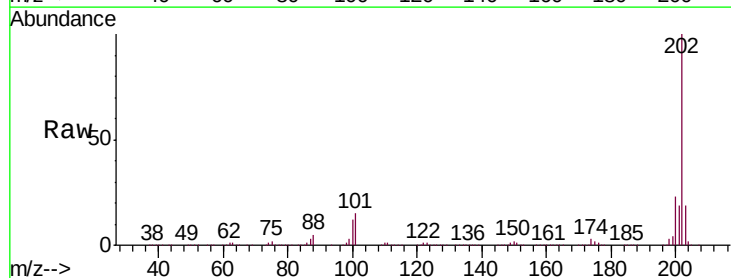
Tgt Ion:202 Resp: 1905884

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

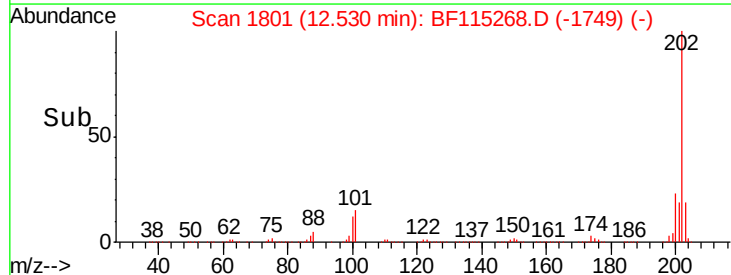
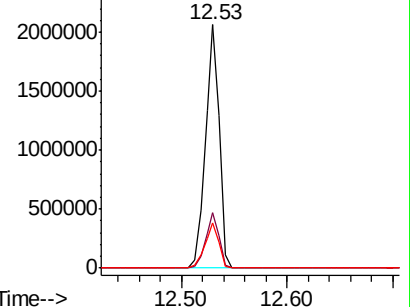
203 18.7 14.6 21.8

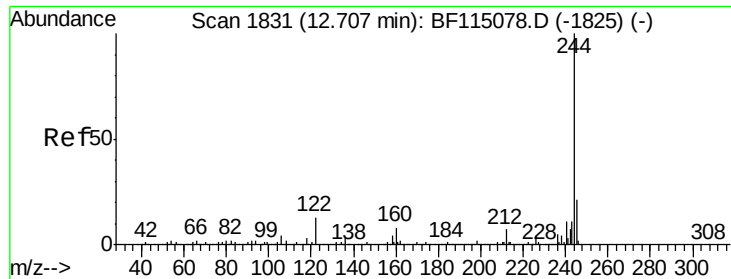


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.724 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

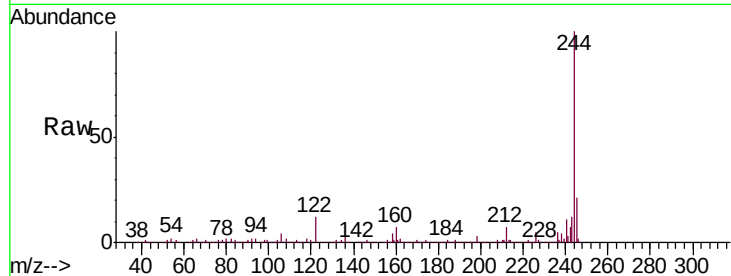
Tgt Ion:244 Resp: 2328242

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

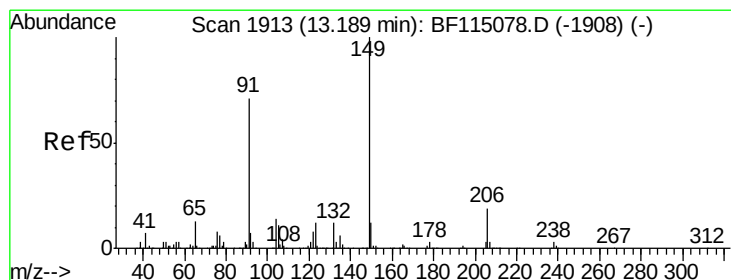
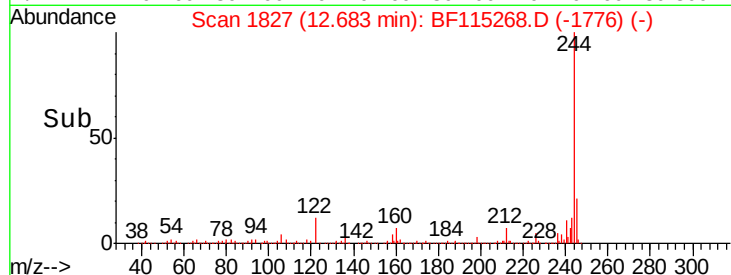
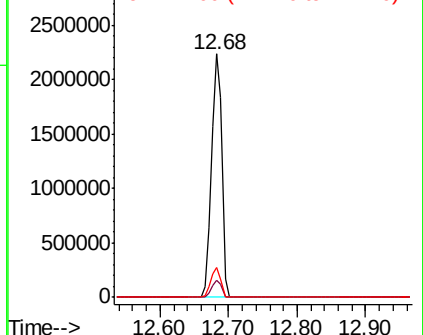
122 12.5 10.4 15.6



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: 46.536 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

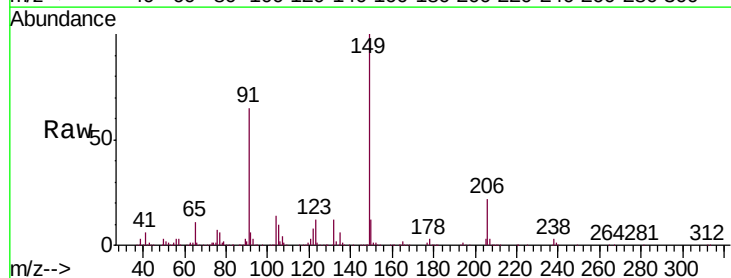
Tgt Ion:149 Resp: 880571

Ion Ratio Lower Upper

149 100

91 65.1 56.5 84.7

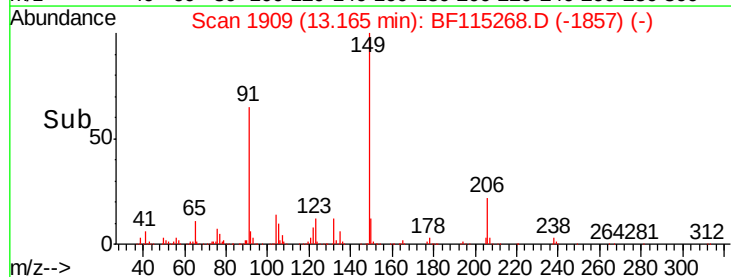
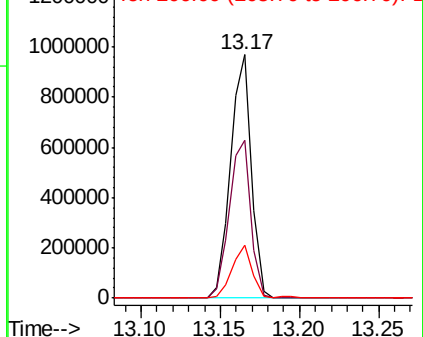
206 21.5 15.3 22.9

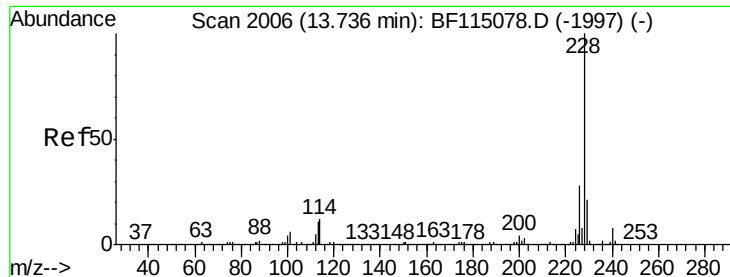


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.023 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

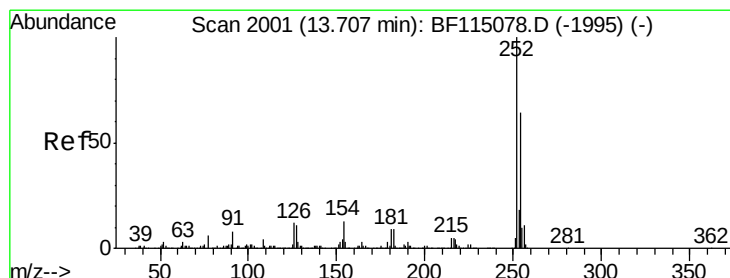
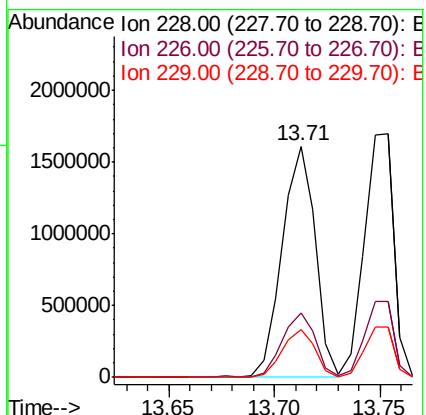
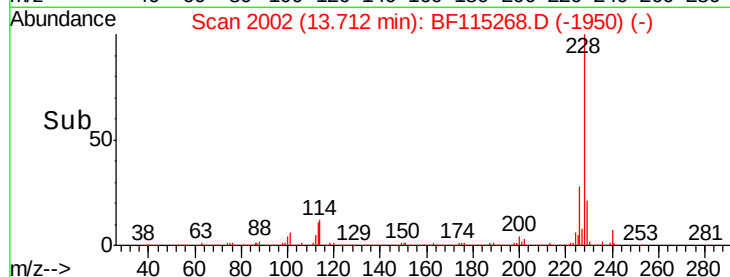
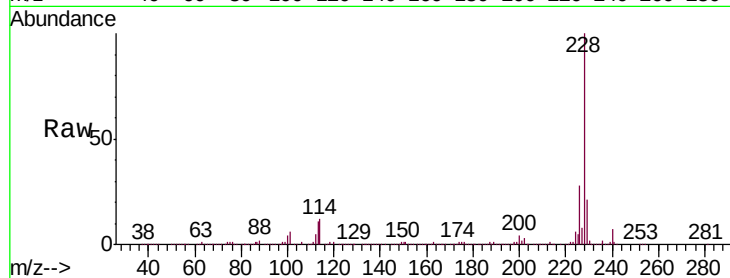
BNA_F

ClientSampleId :

PB120890BS

Tgt Ion:228 Resp: 1762422

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.9	16.6	24.8



#82

3,3'-Dichlorobenzidine

Concen: 32.298 ng

RT: 13.68 min Scan# 1996

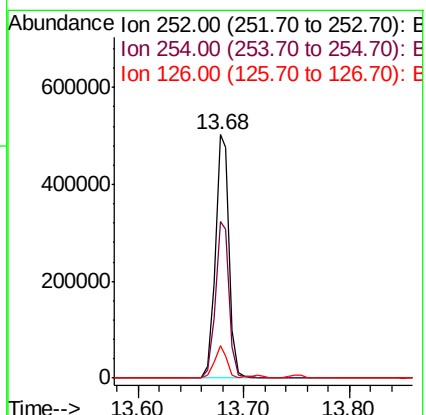
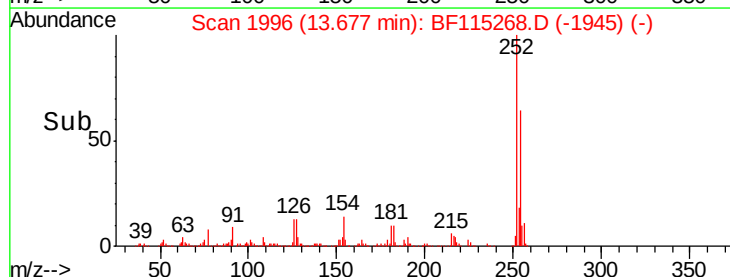
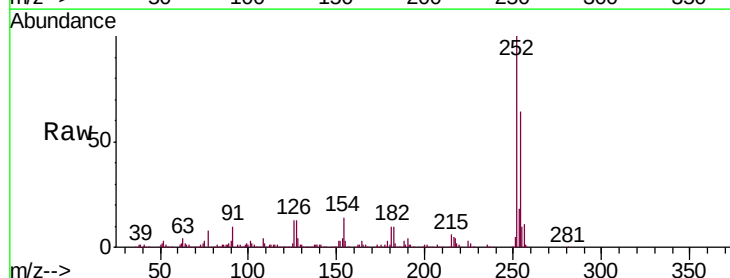
Delta R.T. 0.00 min

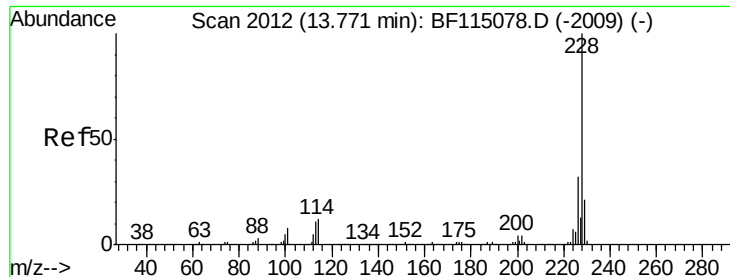
Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Tgt Ion:252 Resp: 466930

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	13.4	9.4	14.0





#83

Chrysene

Concen: 45.201 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

Instrument :

BNA_F

ClientSampleId :

PB120890BS

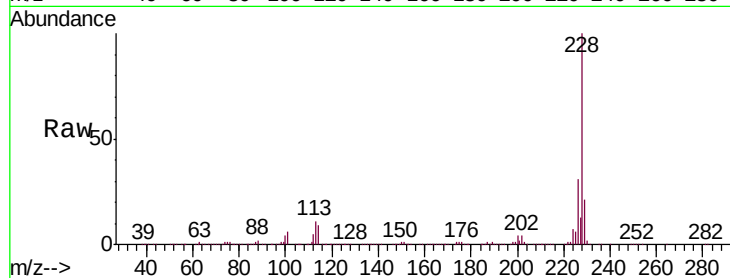
Tgt Ion:228 Resp: 1657591

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

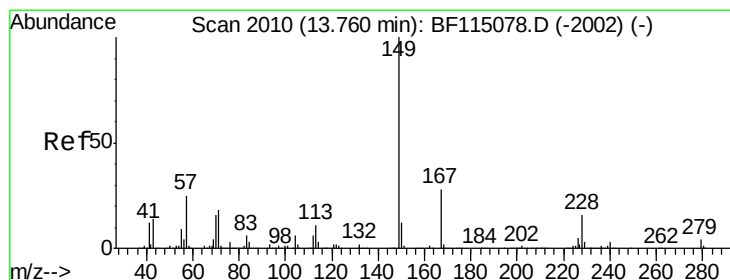
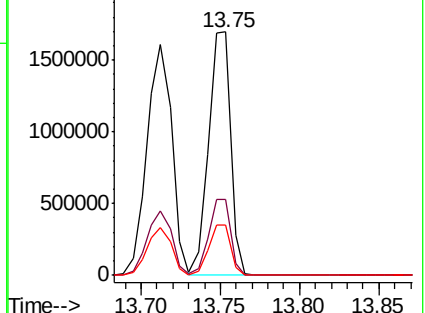
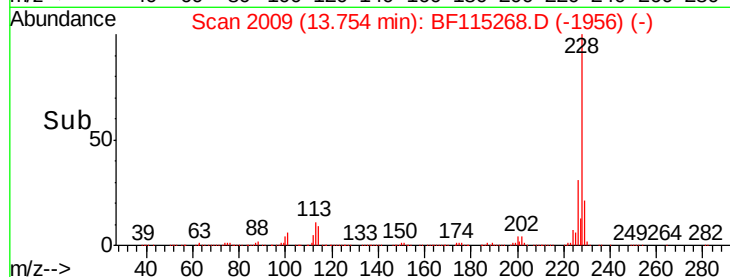
229 20.6 16.5 24.7



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: 48.634 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115268.D

Acq: 28 Jun 2019 9:10

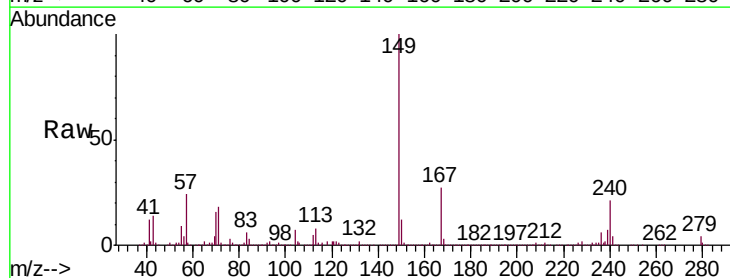
Tgt Ion:149 Resp: 1205849

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 3.8 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

