

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115562.D
 Acq On : 15 Jul 2019 17:52
 Operator : HP/JU
 Sample : PB121222BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Quant Time: Jul 16 03:34:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	166219	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	655125	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	333165	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	648119	20.00	ng	0.00
76) Chrysene-d12	14.04	240	439305	20.00	ng	-0.01
87) Perylene-d12	15.50	264	427333	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1266652	124.65	ng	0.01
7) Phenol-d6	6.52	99	1601789	124.22	ng	0.00
23) Nitrobenzene-d5	7.44	82	1028758	91.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	516977	132.94	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1938115	101.82	ng	-0.01
79) Terphenyl-d14	12.99	244	2071374	87.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	207789	40.993	ng	99
3) Pyridine	3.53	79	536612	39.019	ng	99
4) n-Nitrosodimethylamine	3.48	42	206358	41.362	ng	100
6) Aniline	6.55	93	586679	32.695	ng	97
8) 2-Chlorophenol	6.67	128	510875	43.727	ng	100
9) Benzaldehyde	6.43	77	374175	46.437	ng	100
10) Phenol	6.53	94	638923	42.685	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	484823	42.542	ng	100
12) 1,3-Dichlorobenzene	6.82	146	557948	42.475	ng	98
13) 1,4-Dichlorobenzene	6.90	146	564330	43.058	ng	98
14) 1,2-Dichlorobenzene	7.05	146	526824	43.972	ng	98
15) Benzyl Alcohol	7.02	79	459227	44.896	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	635488	42.356	ng	97
17) 2-Methylphenol	7.13	107	445968	44.293	ng	98
18) Hexachloroethane	7.40	117	207054	42.563	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	358447	42.624	ng	97
20) 3+4-Methylphenols	7.28	107	524011	43.815	ng	95
22) Acetophenone	7.29	105	701482	47.397	ng	# 97
24) Nitrobenzene	7.46	77	566223	46.594	ng	96
25) Isophorone	7.70	82	1033121	45.825	ng	99
26) 2-Nitrophenol	7.77	139	296435	47.392	ng	99
27) 2,4-Dimethylphenol	7.81	122	500361	53.464	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	630558	45.591	ng	99
29) 2,4-Dichlorophenol	8.02	162	468608	48.145	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	505697	45.963	ng	98
31) Naphthalene	8.19	128	1531077	48.257	ng	97
32) Benzoic acid	7.94	122	344320	44.830	ng	99
33) 4-Chloroaniline	8.23	127	386984	27.536	ng	98
34) Hexachlorobutadiene	8.30	225	285633	45.272	ng	100
35) Caprolactam	8.60	113	149071m	49.563	ng	
36) 4-Chloro-3-methylphenol	8.71	107	485080	48.045	ng	100
37) 2-Methylnaphthalene	8.87	142	1025256	48.749	ng	98
38) 1-Methylnaphthalene	8.97	142	966671	48.390	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	460848	45.934	ng	97

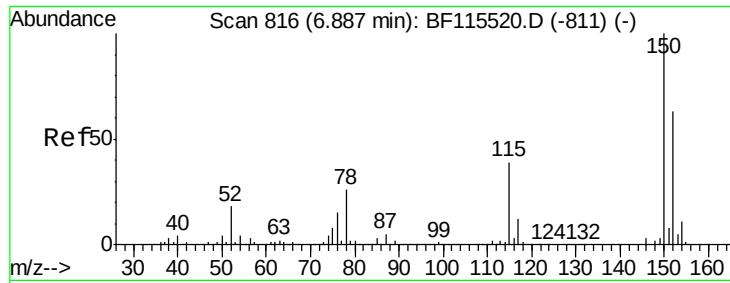
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115562.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	476534	83.265	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	344422	46.944	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	351679	46.805	ng	99
46) 1,1'-Biphenyl	9.34	154	1244202	47.769	ng	98
47) 2-Chloronaphthalene	9.37	162	990004	45.648	ng	97
48) 2-Nitroaniline	9.46	65	298495	44.468	ng	97
49) Acenaphthylene	9.78	152	1512505	47.066	ng	98
50) Dimethylphthalate	9.64	163	1153949	46.036	ng	99
51) 2,6-Dinitrotoluene	9.70	165	268394	47.116	ng	99
52) Acenaphthene	9.96	154	1053770	50.790	ng	99
53) 3-Nitroaniline	9.86	138	190629	29.284	ng	98
54) 2,4-Dinitrophenol	9.97	184	278692	95.290	ng	98
55) Dibenzofuran	10.13	168	1341622	45.535	ng	100
56) 4-Nitrophenol	10.03	139	482698	97.240	ng	97
57) 2,4-Dinitrotoluene	10.10	165	354672	48.058	ng	96
58) Fluorene	10.47	166	993922	47.187	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	304837	48.533	ng	98
60) Diethylphthalate	10.35	149	1105250	47.060	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	517208	44.279	ng	96
62) 4-Nitroaniline	10.49	138	282856	45.299	ng	98
63) Azobenzene	10.62	77	1082619	47.524	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	190461	48.099	ng	88
66) n-Nitrosodiphenylamine	10.58	169	938058	46.529	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	332336	44.871	ng	94
68) Hexachlorobenzene	11.02	284	373503	44.159	ng	97
69) Atrazine	11.10	200	300178	45.386	ng	99
70) Pentachlorophenol	11.21	266	453207	87.606	ng	99
71) Phenanthrene	11.43	178	1509522	45.437	ng	98
72) Anthracene	11.48	178	1562841	45.519	ng	100
73) Carbazole	11.63	167	1374728	45.660	ng	99
74) Di-n-butylphthalate	11.96	149	1659896	44.758	ng	99
75) Fluoranthene	12.62	202	1579709	44.997	ng	97
77) Benzidine	12.73	184	857722	55.115	ng	100
78) Pyrene	12.85	202	1620684	43.544	ng	98
80) Butylbenzylphthalate	13.46	149	693378	43.701	ng	96
81) Benzo(a)anthracene	14.03	228	1294928	44.743	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	373468	36.299	ng	98
83) Chrysene	14.07	228	1324885	45.602	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	879194	44.735	ng	99
85) Di-n-octyl phthalate	14.63	149	1509268	48.265	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1152641	46.697	ng	99
88) Benzo(b)fluoranthene	15.08	252	1218299	44.275	ng	100
89) Benzo(k)fluoranthene	15.11	252	1199181	48.881	ng	99
90) Benzo(a)pyrene	15.44	252	1138991	48.160	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	959993	46.236	ng	99
92) Benzo(g,h,i)perylene	17.43	276	901595	43.540	ng	100

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

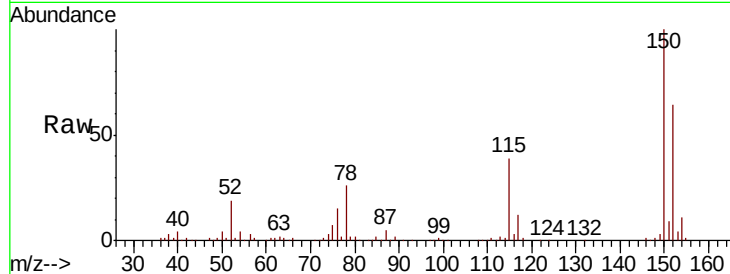


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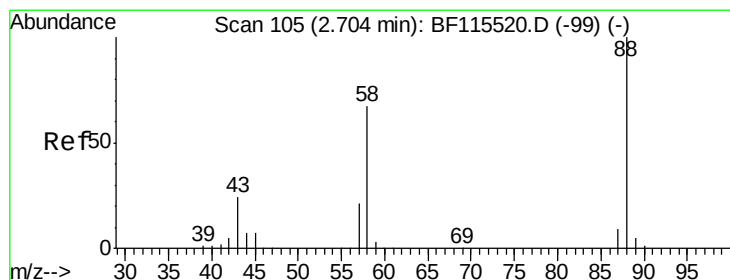
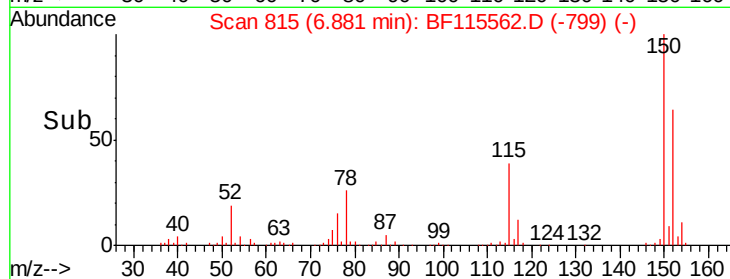
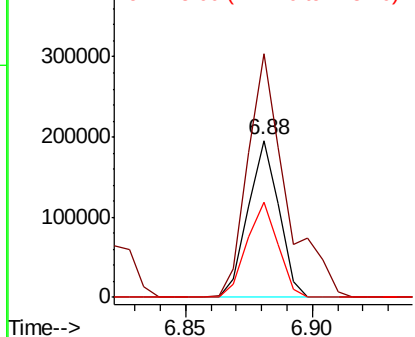
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:152 Resp: 166219
Ion Ratio Lower Upper
152 100
150 155.4 129.7 194.5
115 60.4 48.2 72.4



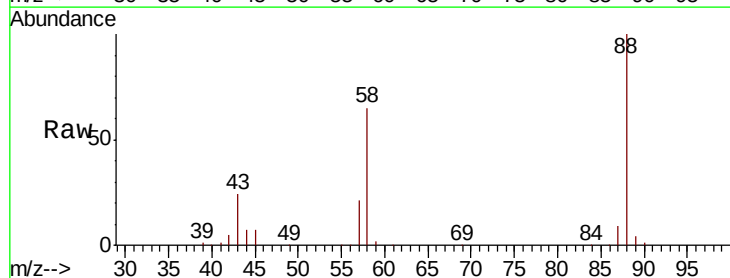
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



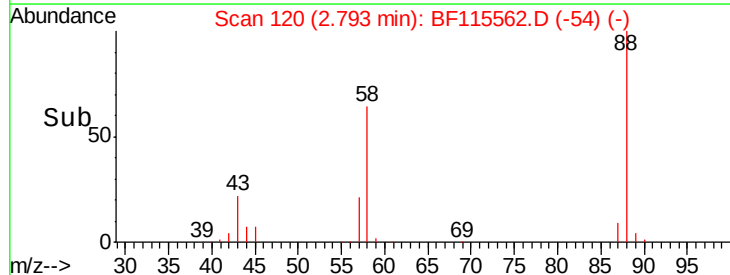
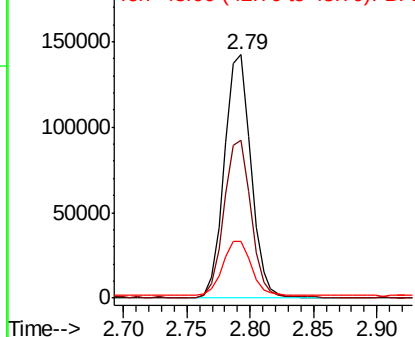
#2

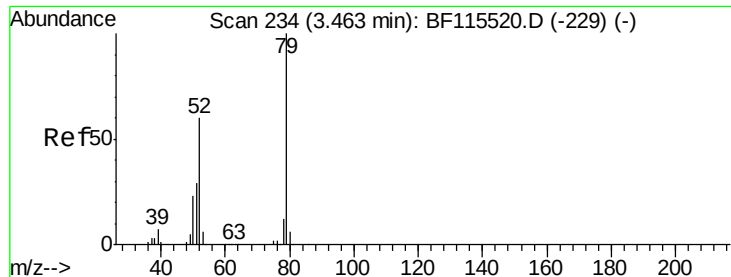
1,4-Dioxane
Concen: 40.993 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 88 Resp: 207789
Ion Ratio Lower Upper
88 100
58 64.9 52.6 79.0
43 23.9 19.1 28.7



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: 39.019 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

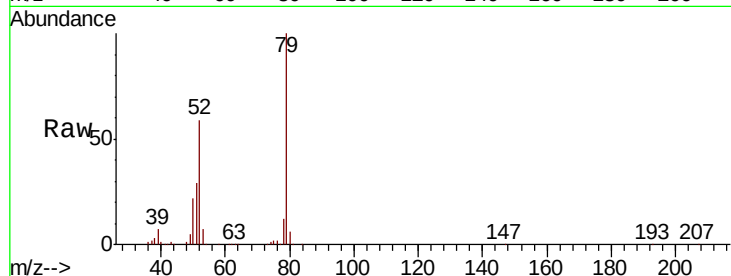
Tot Ion: 79 Resp: 536612

Ion Ratio Lower Upper

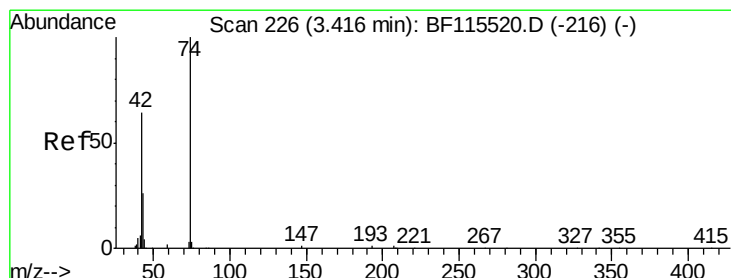
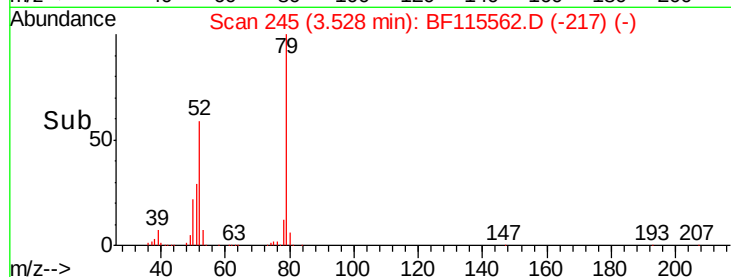
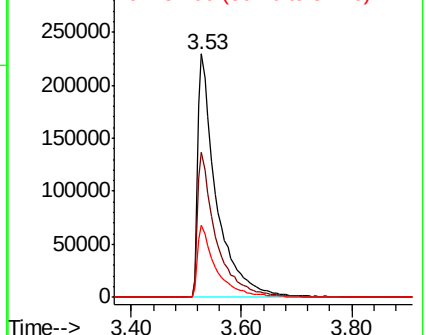
79 100

52 59.4 47.8 71.6

51 29.4 23.8 35.8



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: 41.362 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

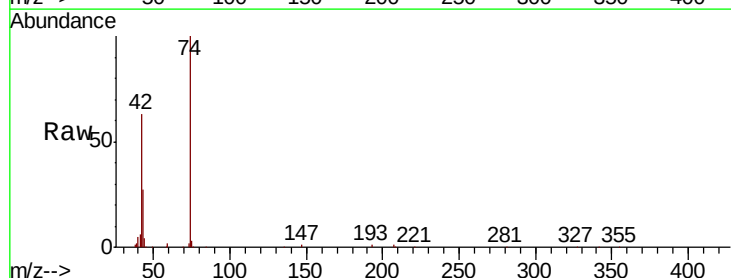
Tgt Ion: 42 Resp: 206358

Ion Ratio Lower Upper

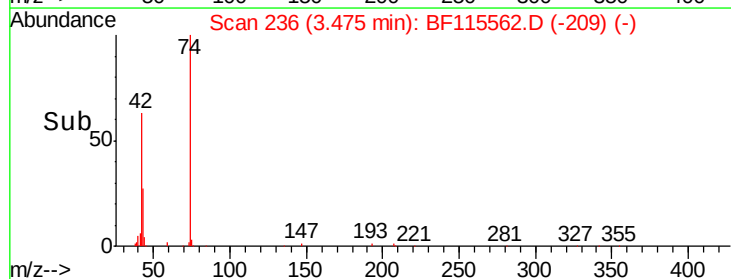
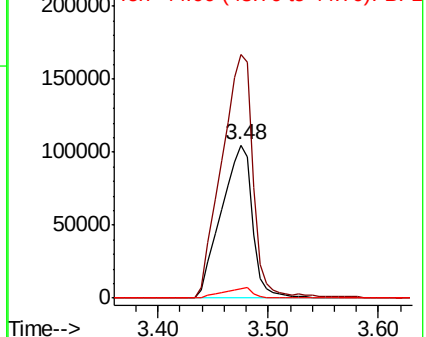
42 100

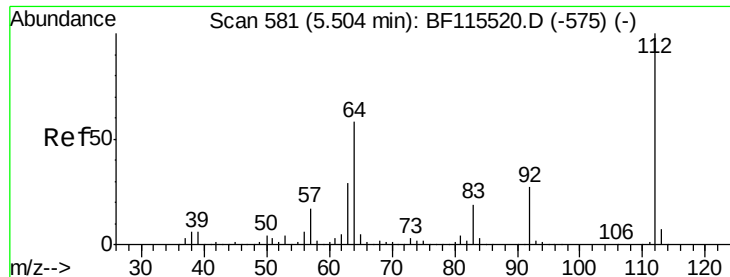
74 159.3 127.5 191.3

44 6.5 5.0 7.6



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: 124.647 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

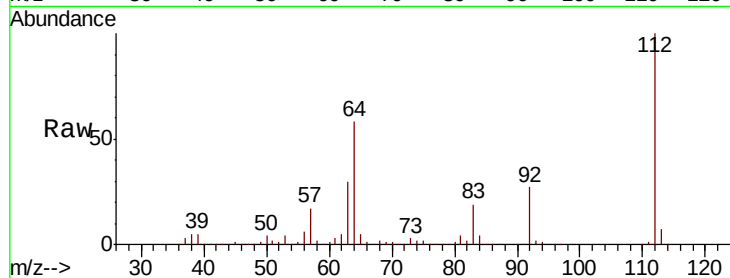
Tot Ion:112 Resp: 1266652

Ion Ratio Lower Upper

112 100

64 58.0 46.8 70.2

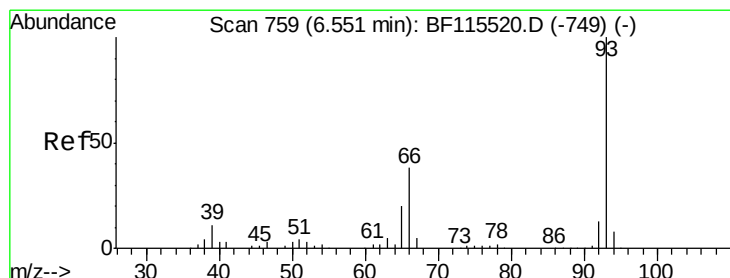
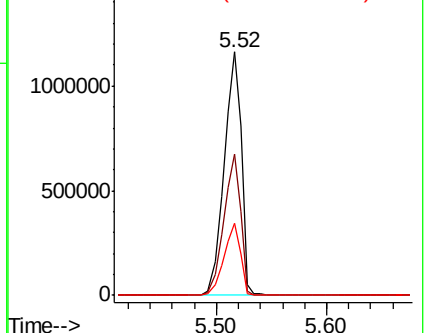
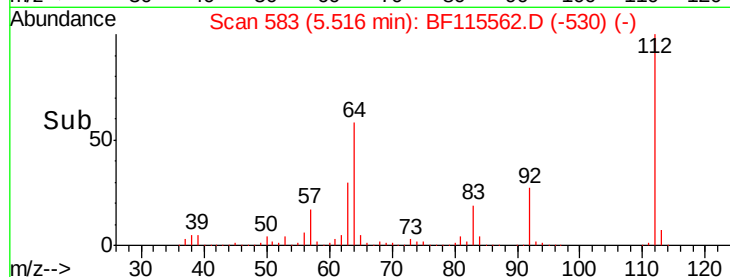
63 29.8 24.1 36.1



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: 32.695 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

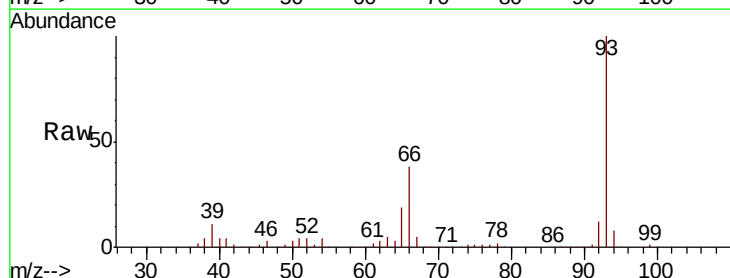
Tgt Ion: 93 Resp: 586679

Ion Ratio Lower Upper

93 100

66 37.9 31.7 47.5

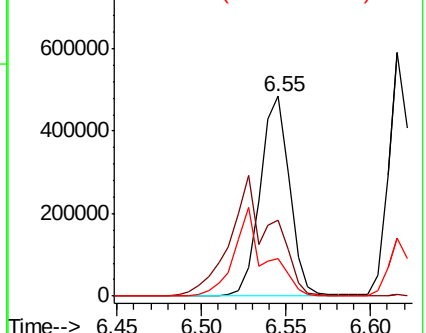
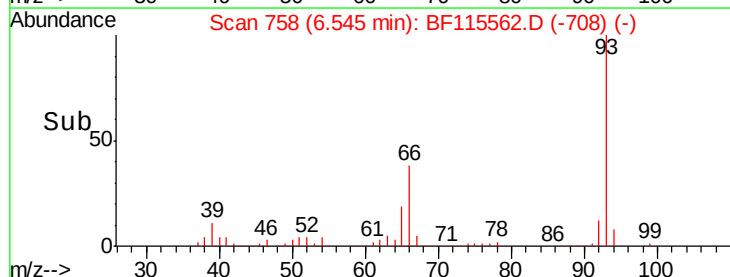
65 19.0 16.2 24.2

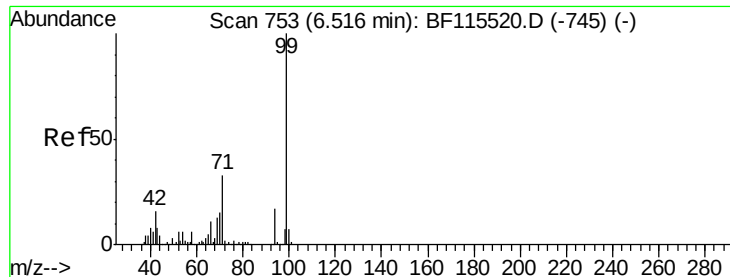


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.225 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

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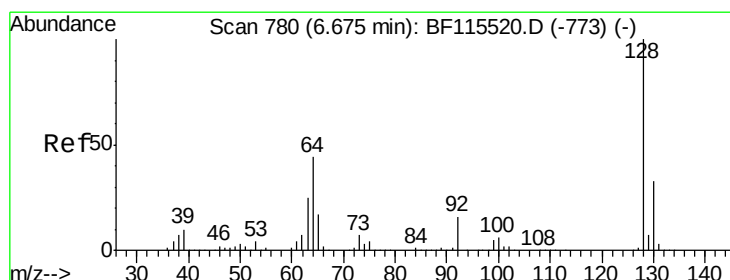
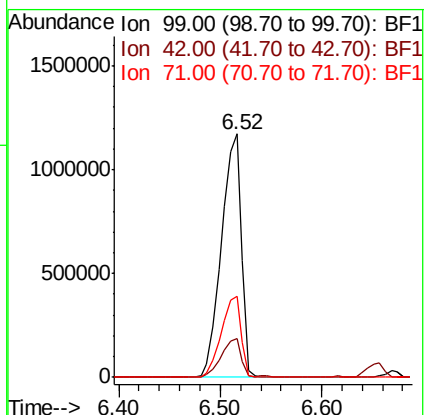
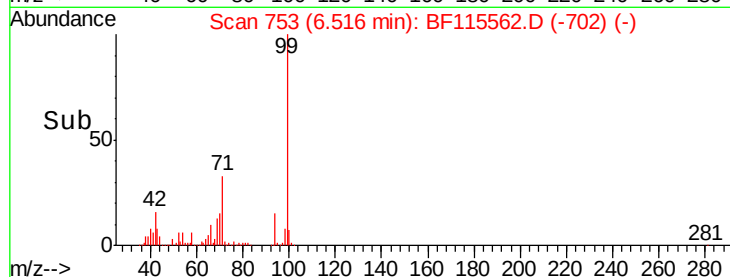
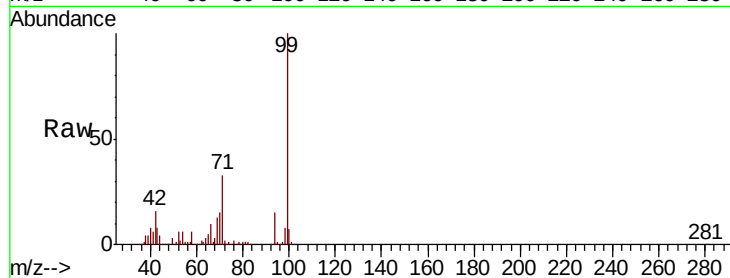
Tot Ion: 99 Resp: 1601789

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 33.3 28.5 42.7



#8

2-Chlorophenol

Concen: 43.727 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

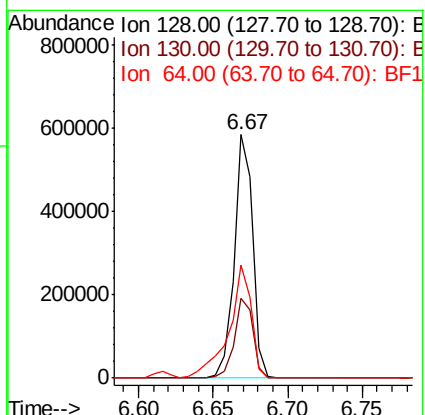
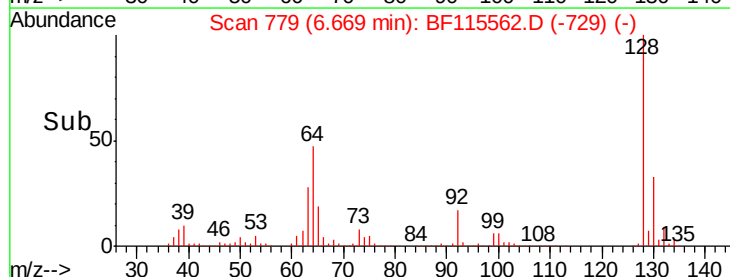
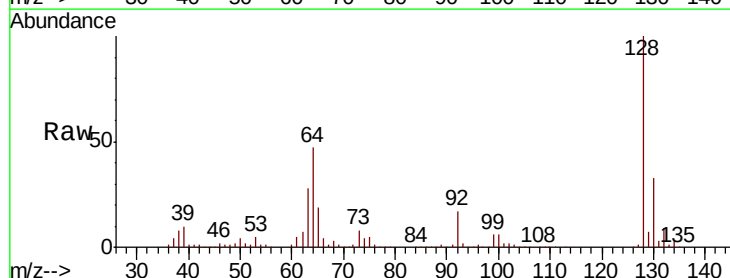
Tgt Ion: 128 Resp: 510875

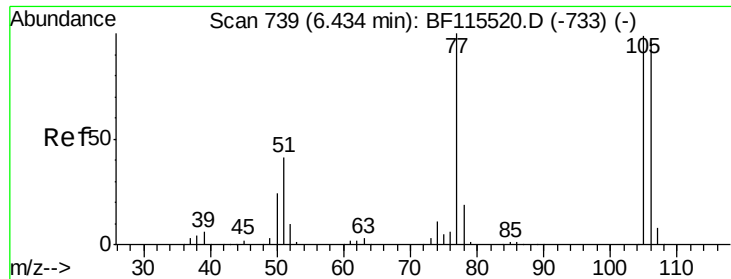
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 46.5 26.8 66.8





#9

Benzaldehyde

Concen: 46.437 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

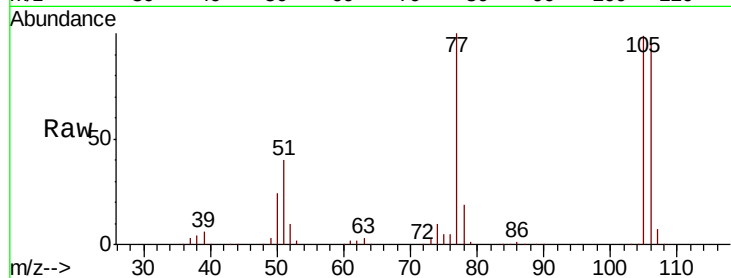
Tot Ion: 77 Resp: 374175

Ion Ratio Lower Upper

77 100

105 99.5 78.8 118.8

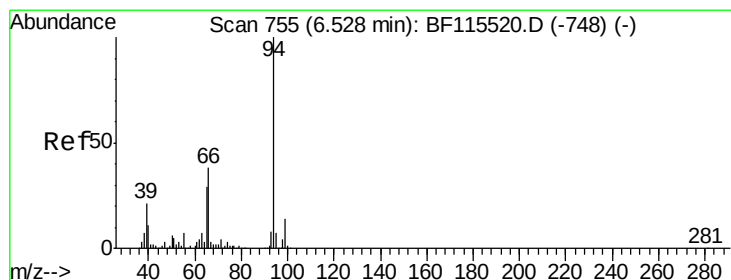
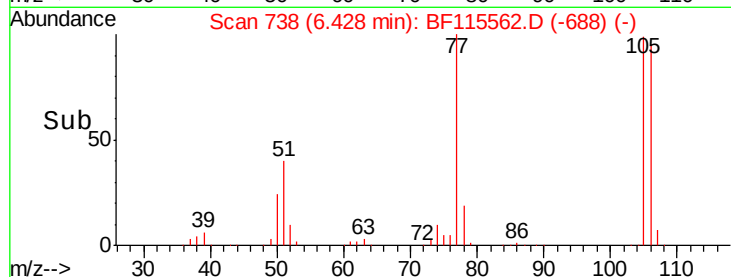
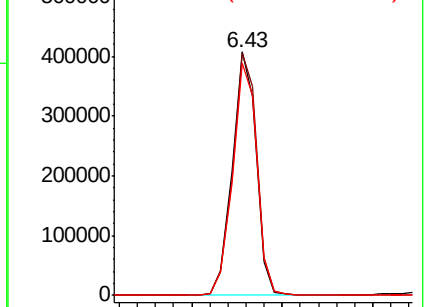
106 95.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.685 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

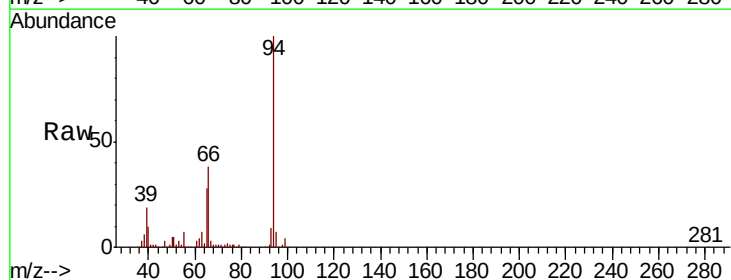
Tgt Ion: 94 Resp: 638923

Ion Ratio Lower Upper

94 100

65 27.5 14.5 54.5

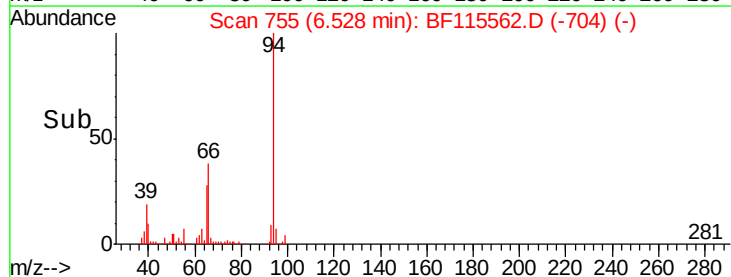
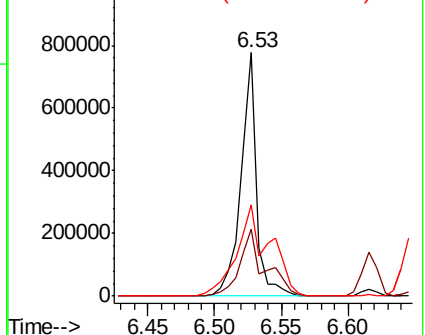
66 37.5 31.3 71.3

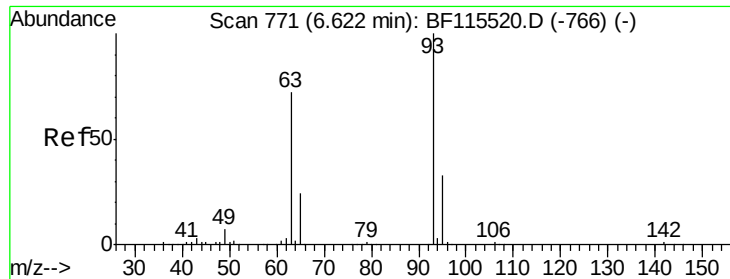


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

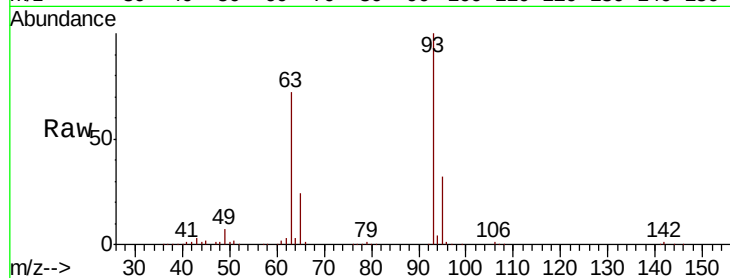




#11
bis(2-Chloroethyl)ether
Concen: 42.542 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	52.2	92.2
95	32.5	12.9	52.9

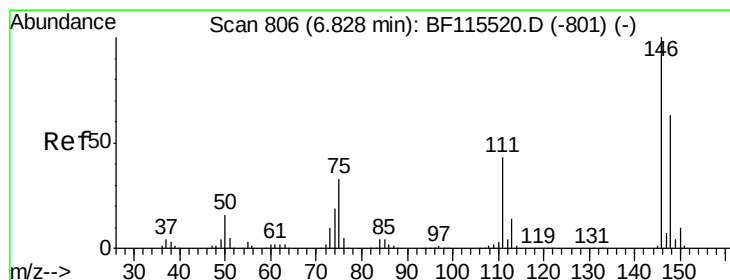
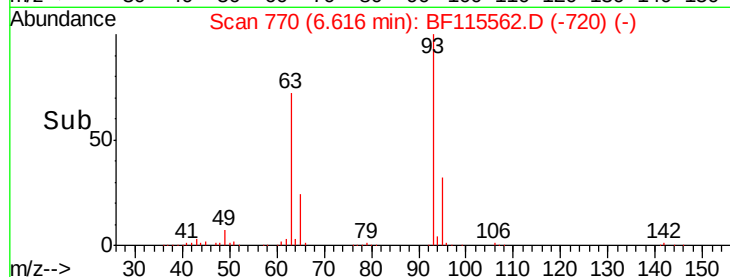
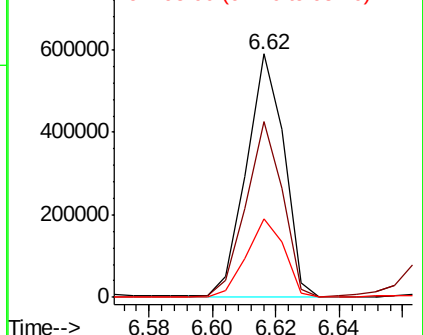


Abundance

Ion 93.00 (92.70 to 93.70): BF1

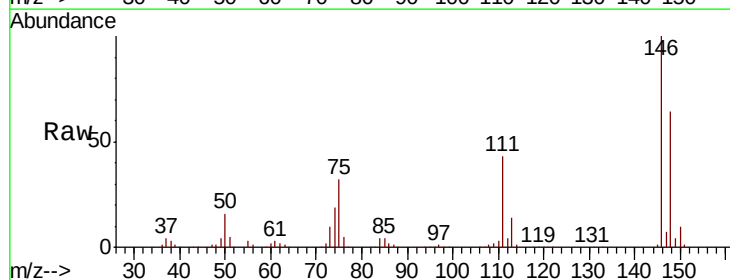
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.475 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	32.4	24.9	37.3

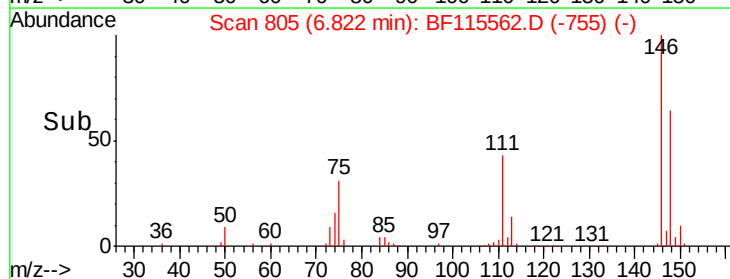
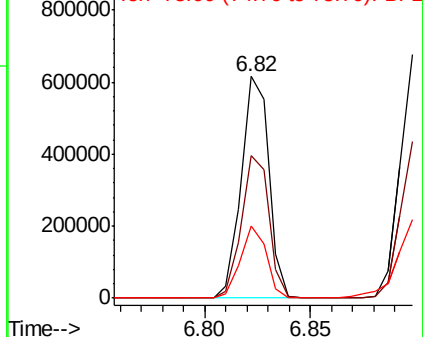


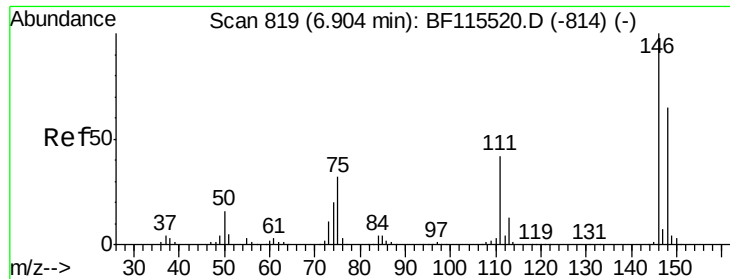
Abundance

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

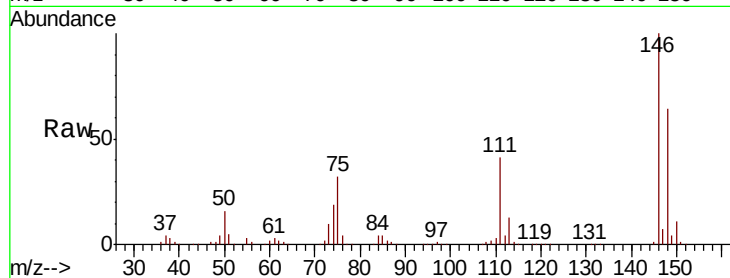




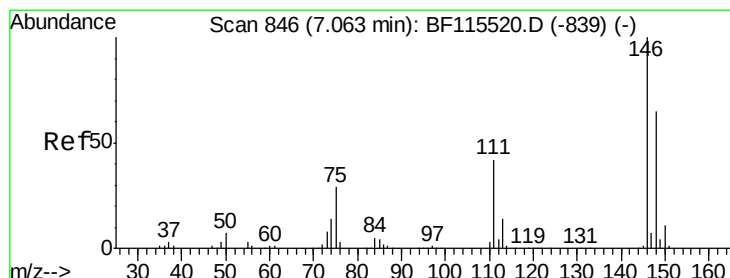
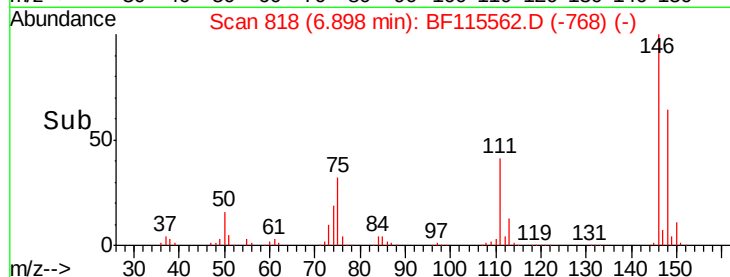
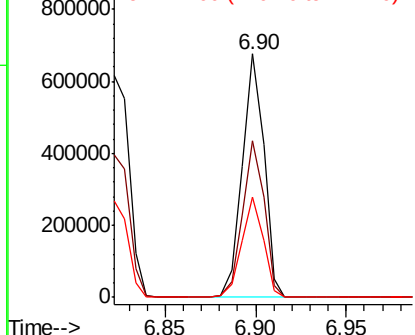
#13
 1,4-Dichlorobenzene
 Concen: 43.058 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Tot Ion:146 Resp: 564330
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 41.2 35.5 53.3

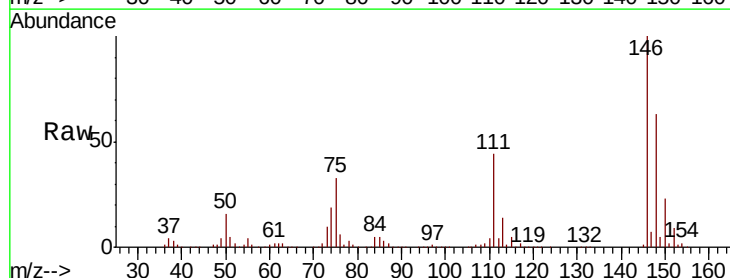


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

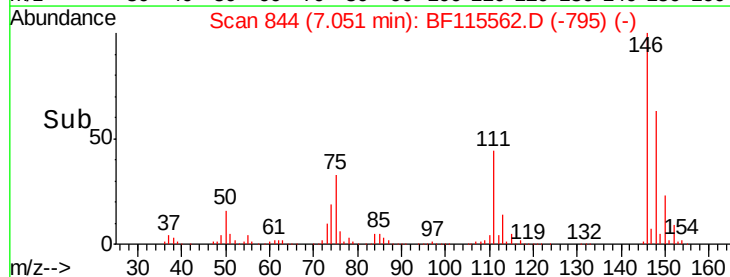
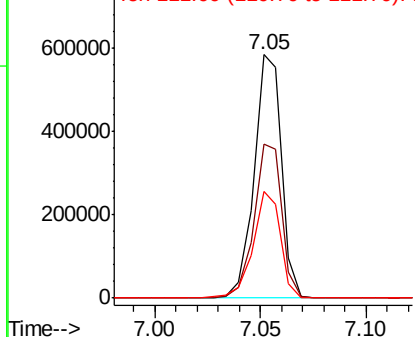


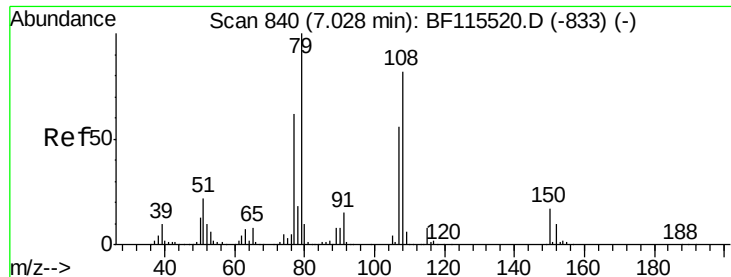
#14
 1,2-Dichlorobenzene
 Concen: 43.972 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:146 Resp: 526824
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 44.0 37.6 56.4



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: 44.896 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

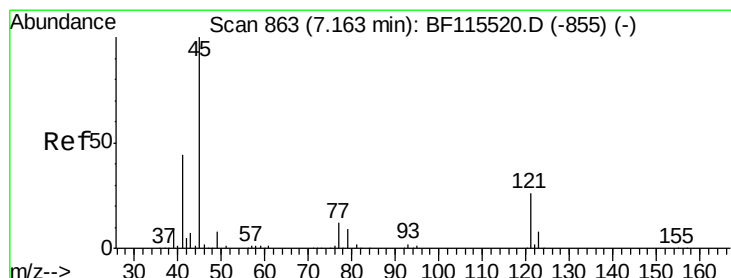
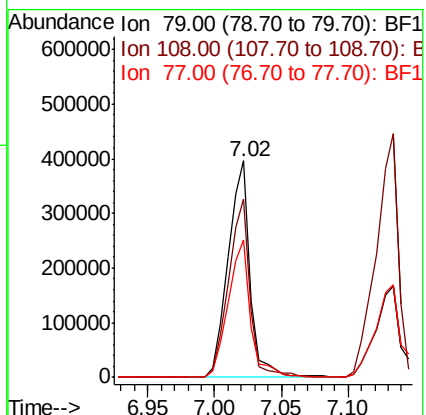
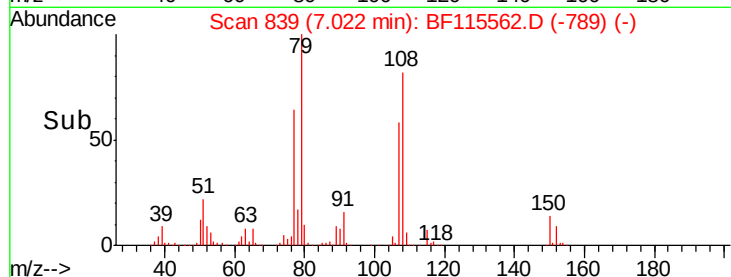
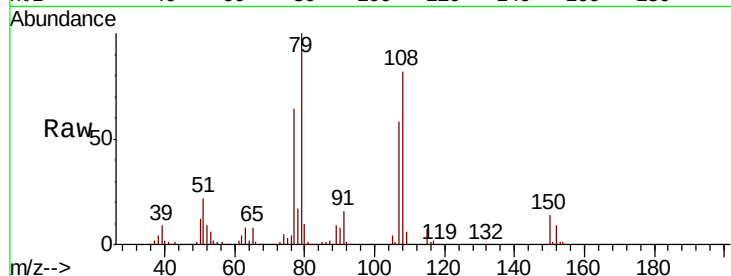
BNA_F

ClientSampleId :

PB121222BSD

Tot Ion: 79 Resp: 459227

Ion	Ratio	Lower	Upper
79	100		
108	82.3	64.2	96.4
77	63.5	51.8	77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.356 ng

RT: 7.16 min Scan# 862

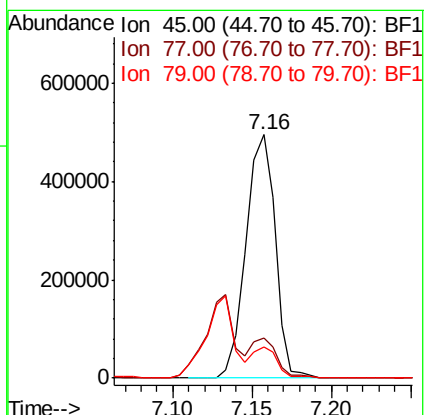
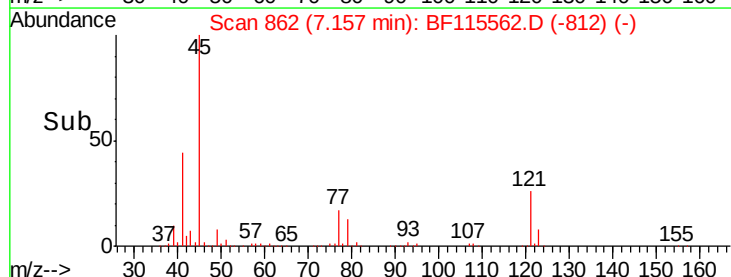
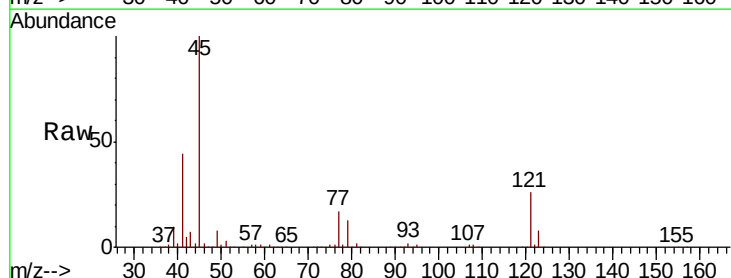
Delta R.T. -0.01 min

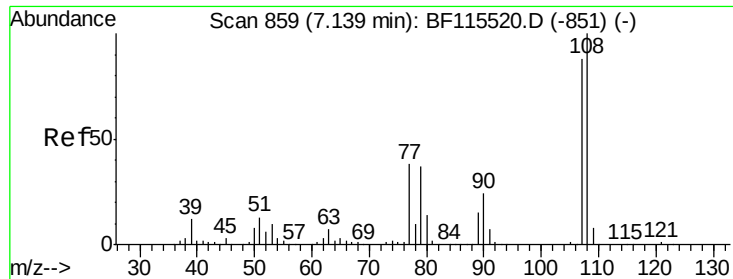
Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Tgt Ion: 45 Resp: 635488

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	38.1
79	12.9	0.0	34.1

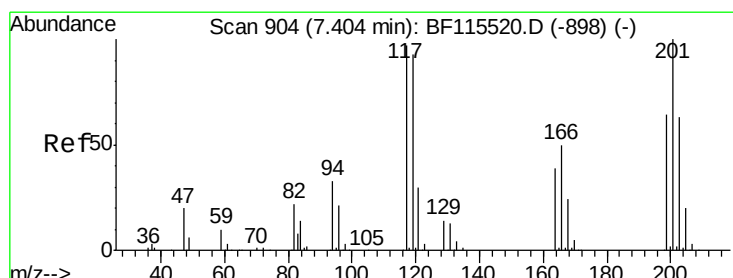
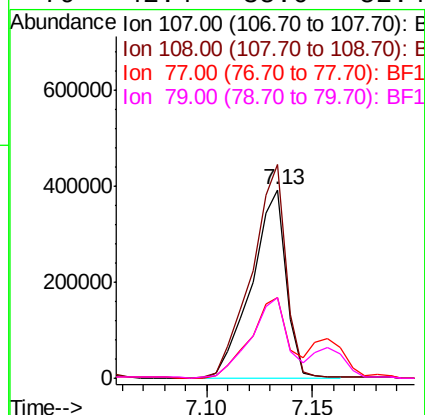
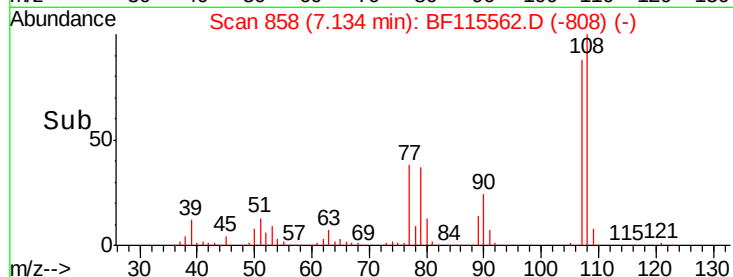
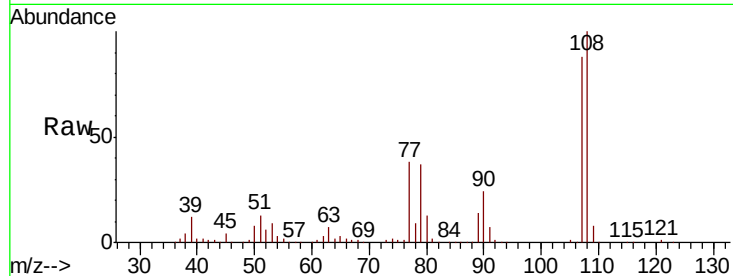




#17
2-Methylphenol
Concen: 44.293 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

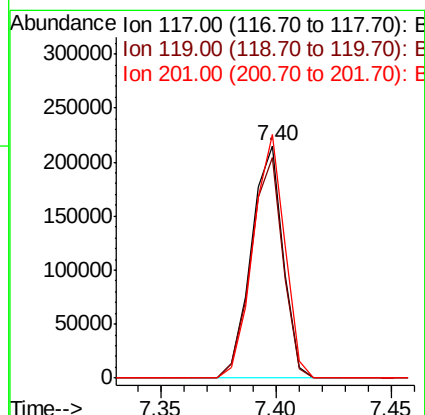
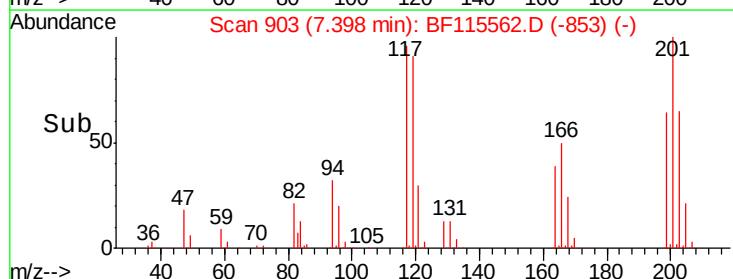
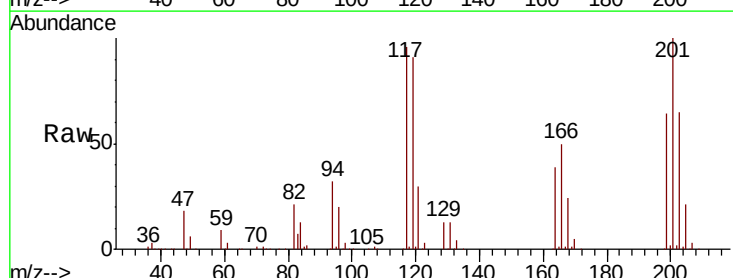
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

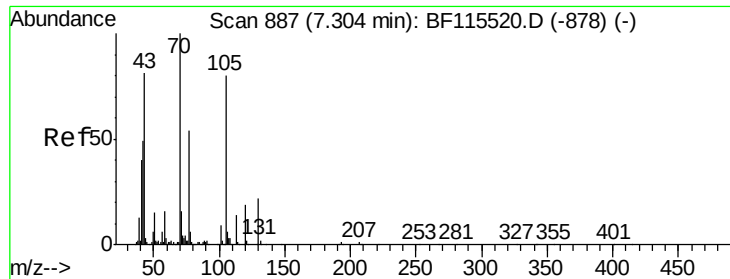
Tot Ion:	107	Resp:	445968
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.2
77	43.0	35.7	53.5
79	42.4	35.0	52.4



#18
Hexachloroethane
Concen: 42.563 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:	117	Resp:	207054
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.7	116.5
201	104.6	86.0	129.0

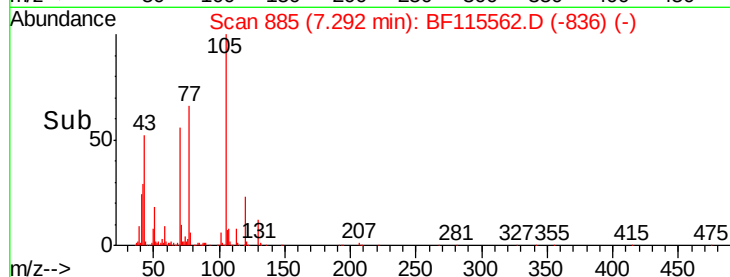
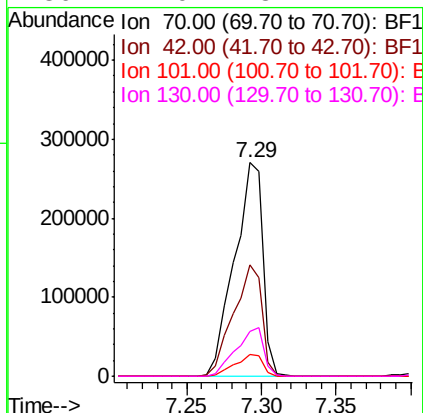
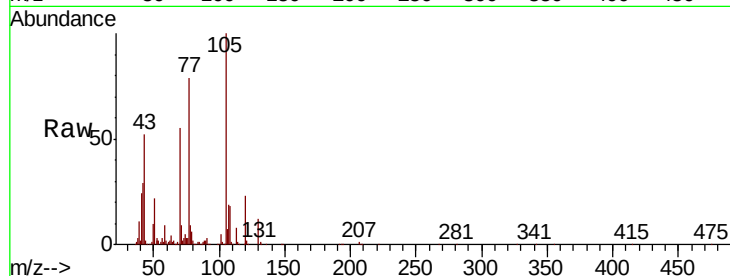




#19
n-Nitroso-di-n-propylamine
Concen: 42.624 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

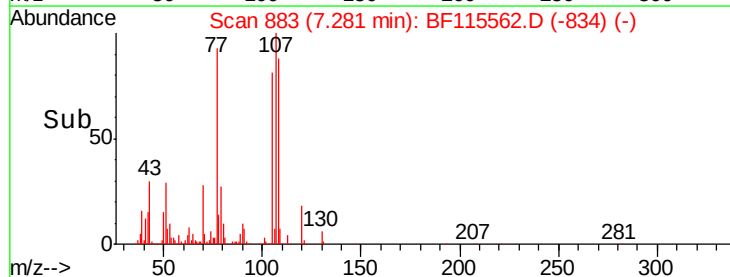
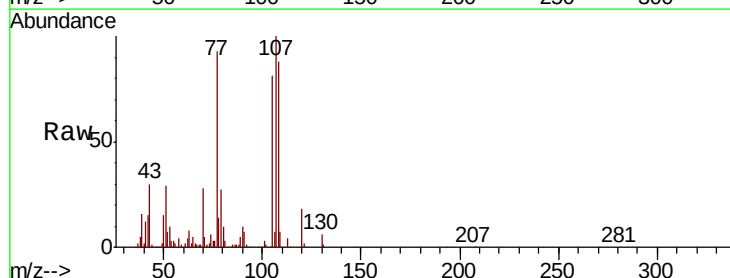
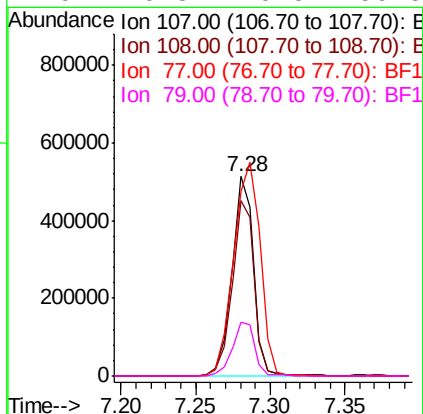
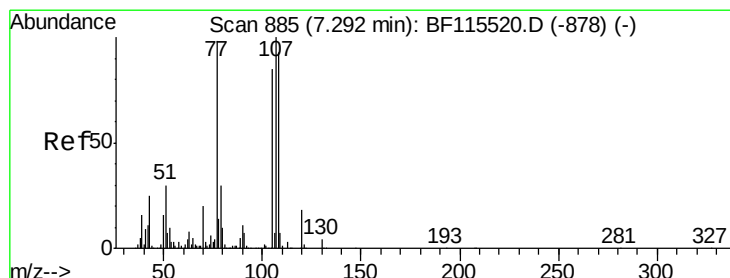
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

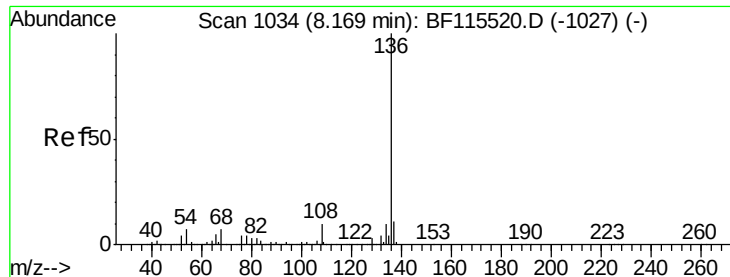
Tot Ion:	70	Resp:	358447
Ion	Ratio	Lower	Upper
70	100		
42	52.3	39.6	59.4
101	9.9	8.1	12.1
130	21.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 43.815 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:	107	Resp:	524011
Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.9	112.9
77	92.6	77.6	117.6
79	26.8	10.5	50.5

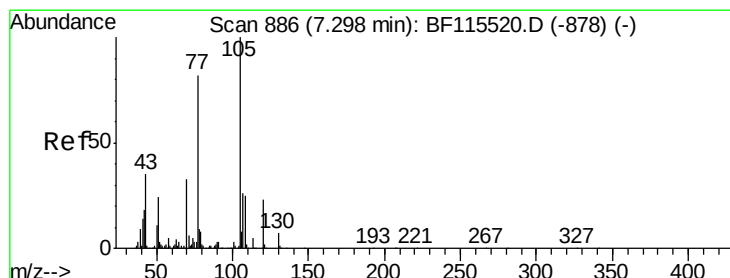
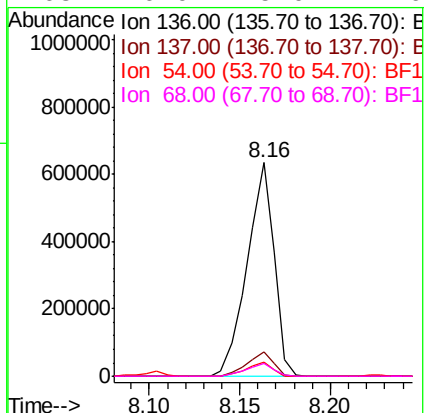
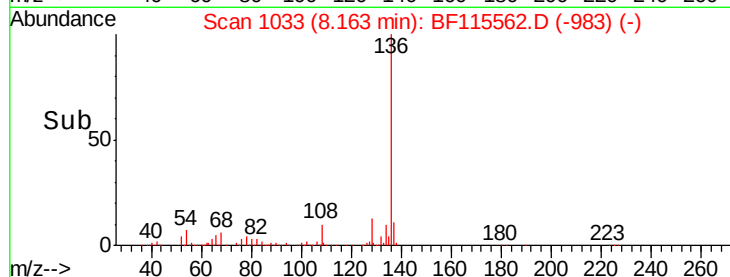
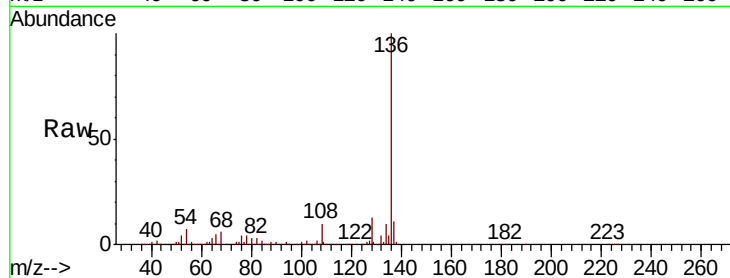




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

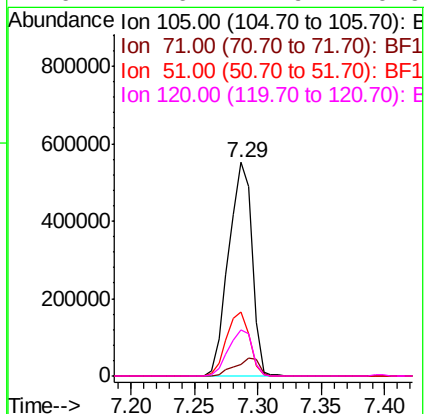
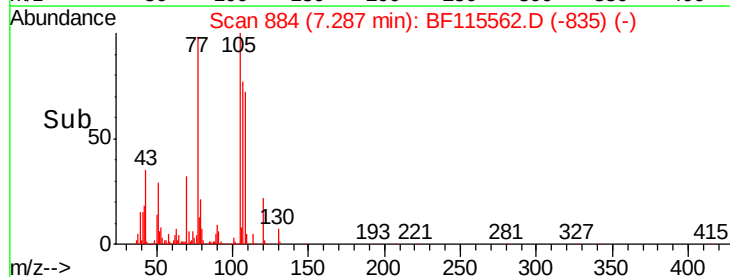
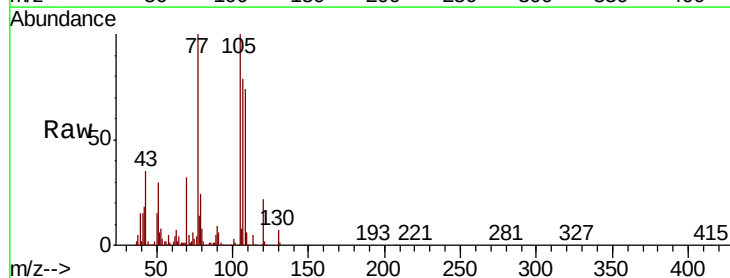
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

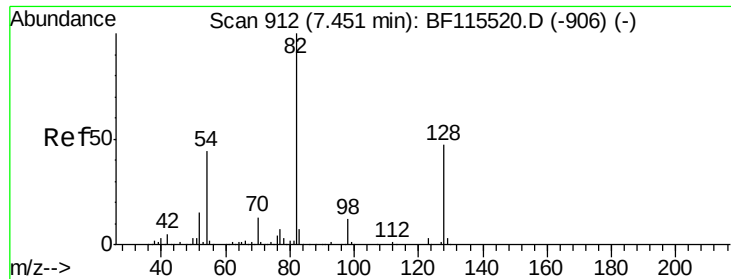
Tot Ion:136	Resp: 655125
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.6	5.6 8.4
68 6.0	5.0 7.6



#22
Acetophenone
Concen: 47.397 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt	Ion:105	Resp:	701482
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.5	5.3#
51	30.1	25.6	38.4
120	21.6	17.9	26.9

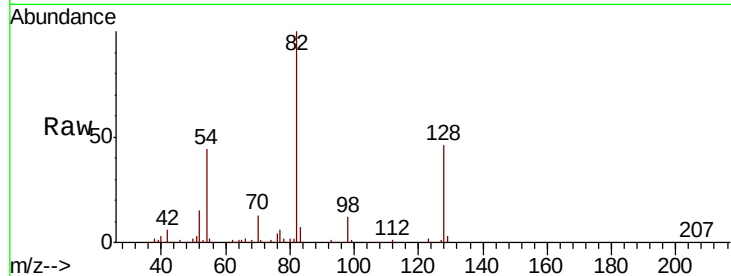




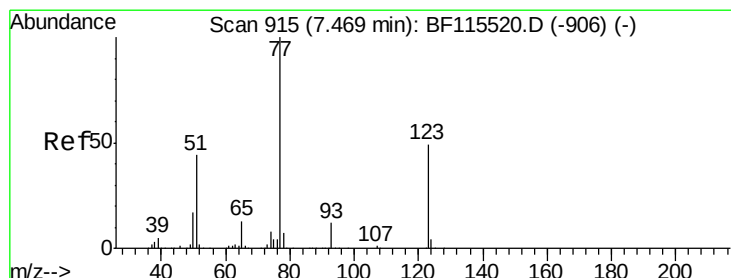
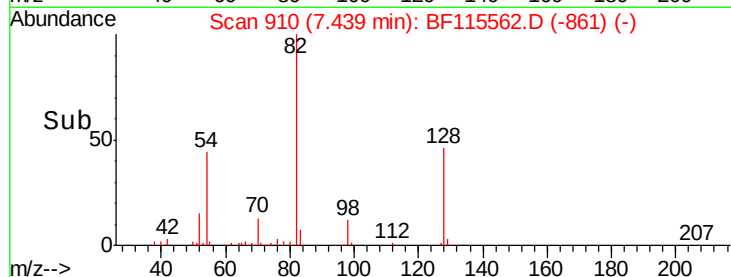
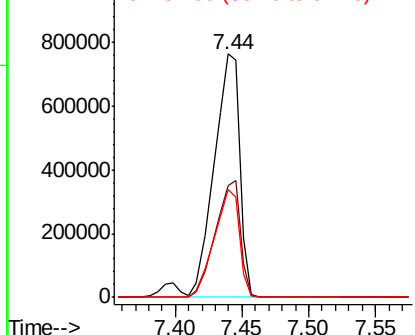
#23
 Nitrobenzene-d5
 Concen: 91.309 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Tot Ion: 82 Resp: 1028758
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.6 57.8
 54 44.1 35.6 53.4

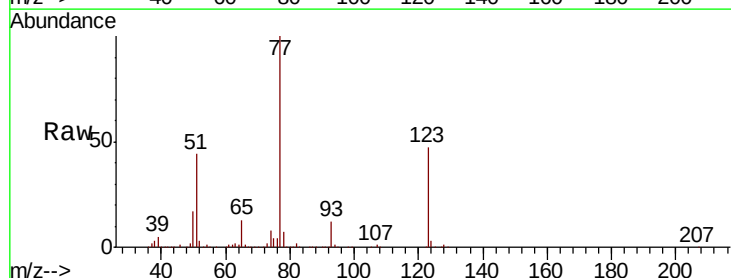


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

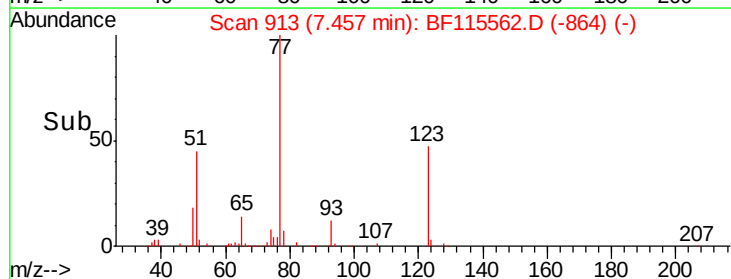
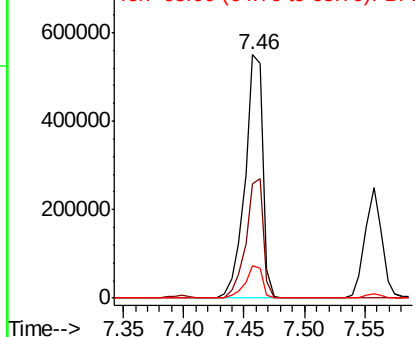


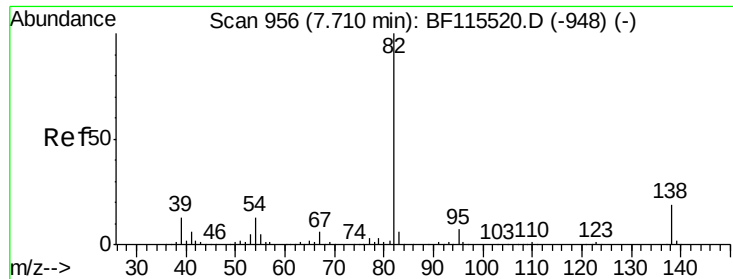
#24
 Nitrobenzene
 Concen: 46.594 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion: 77 Resp: 566223
 Ion Ratio Lower Upper
 77 100
 123 46.9 40.0 60.0
 65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 45.825 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

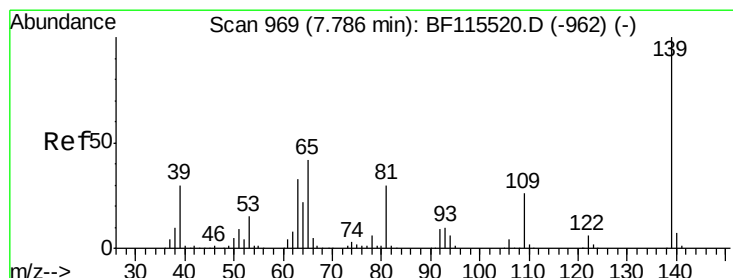
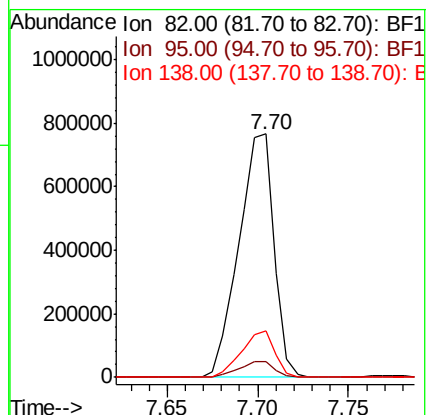
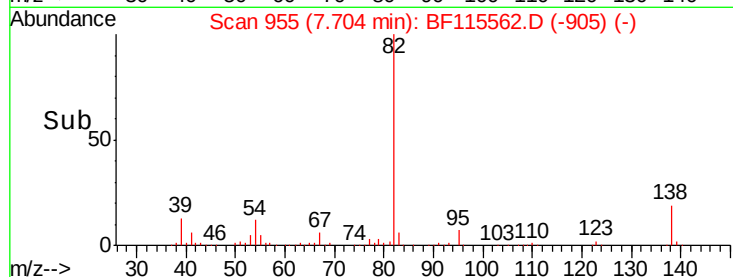
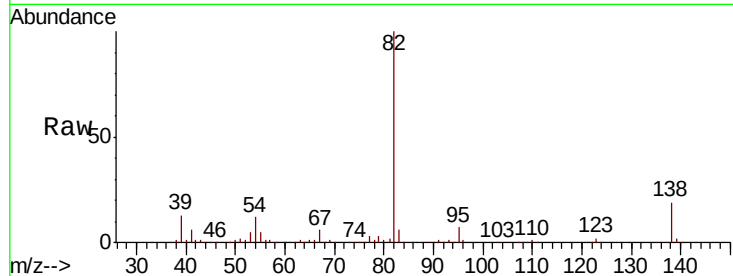
Tot Ion: 82 Resp: 1033121

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 47.392 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

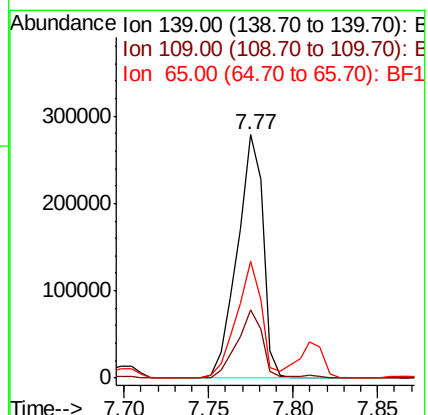
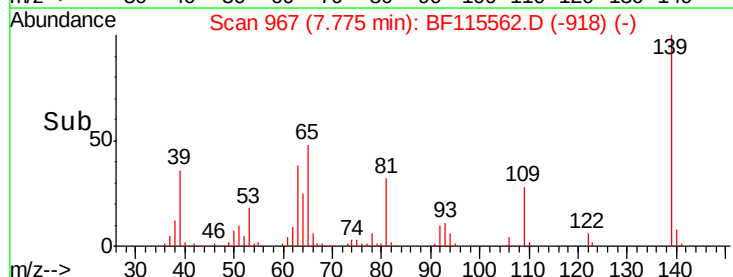
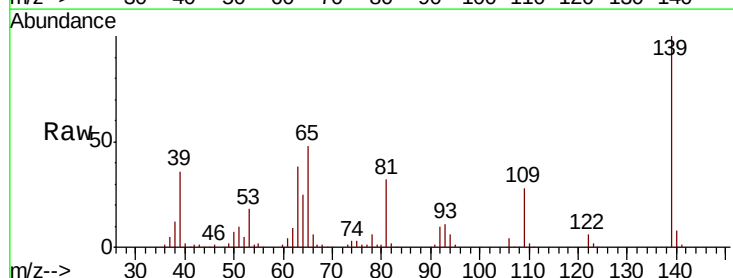
Tgt Ion: 139 Resp: 296435

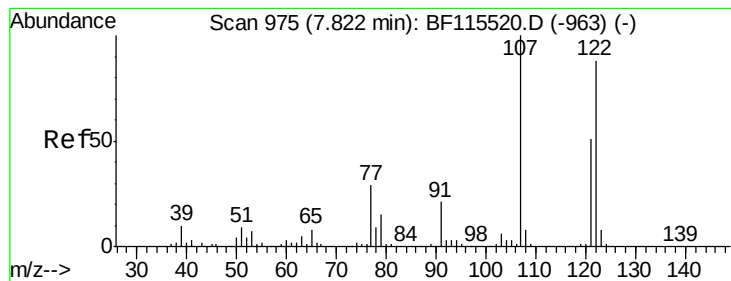
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 47.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 53.464 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

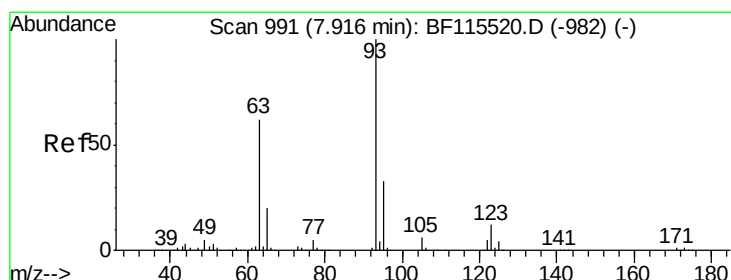
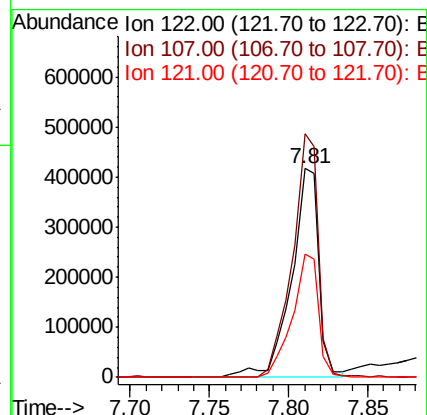
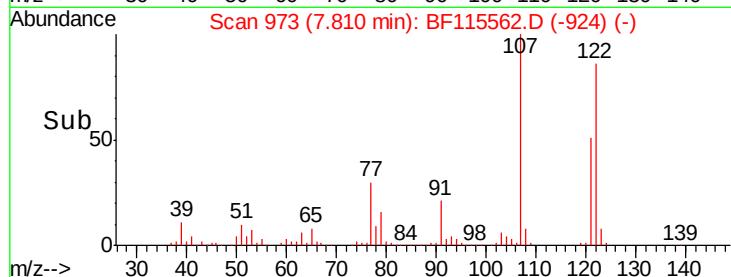
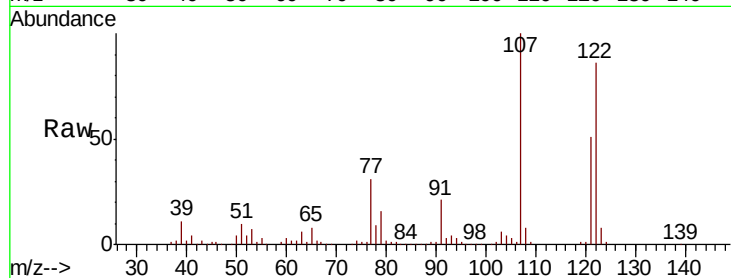
Tot Ion:122 Resp: 500361

Ion Ratio Lower Upper

122 100

107 116.5 92.9 139.3

121 59.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.591 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

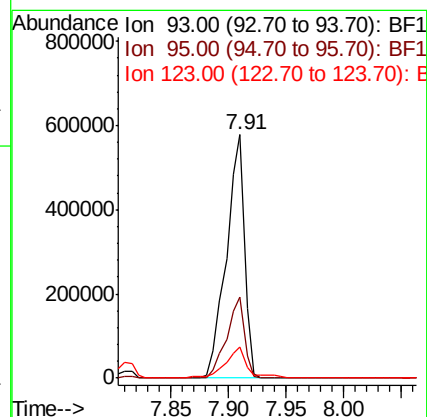
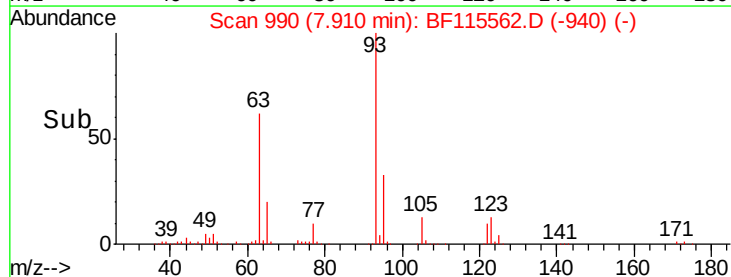
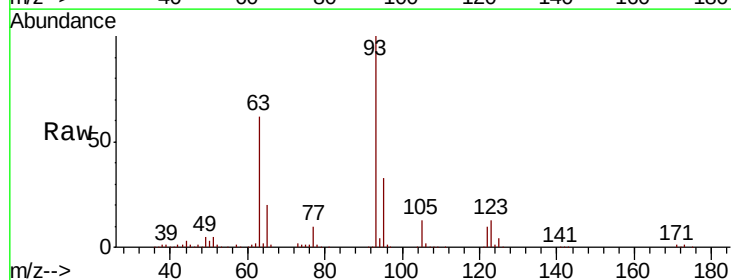
Tgt Ion: 93 Resp: 630558

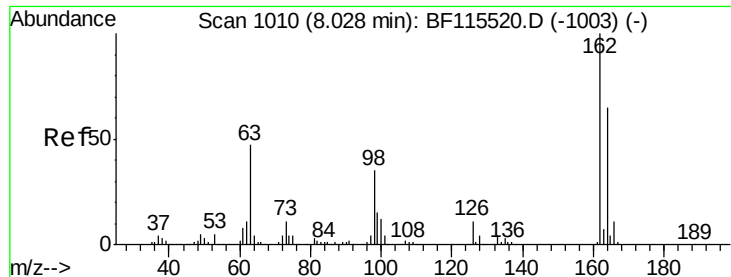
Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

123 12.6 9.9 14.9

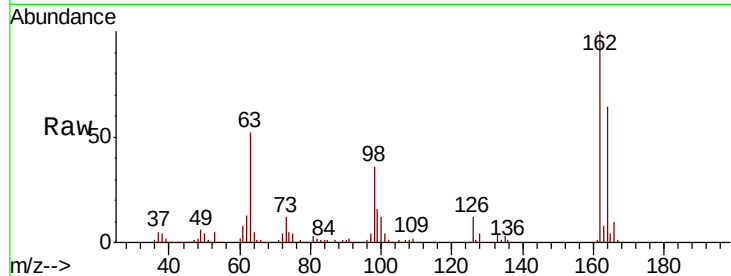




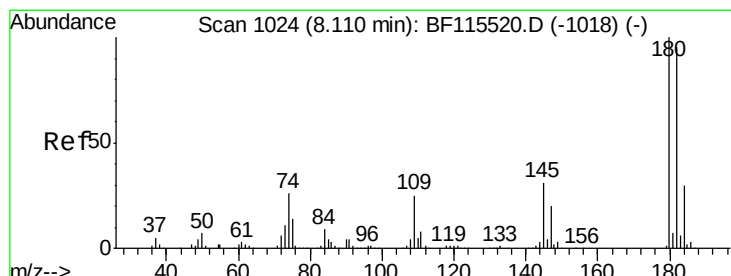
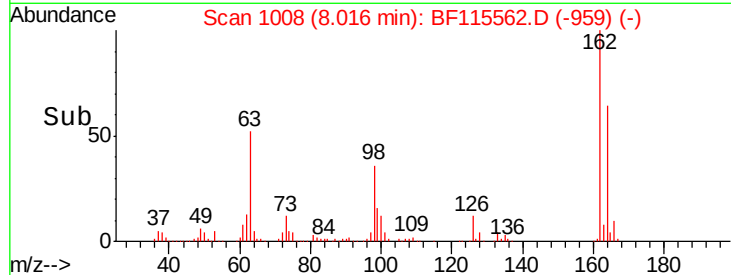
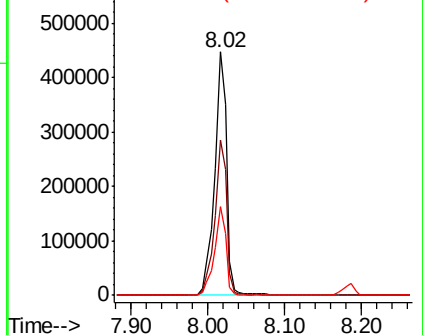
#29
 2,4-Dichlorophenol
 Concen: 48.145 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	36.3	17.7	57.7

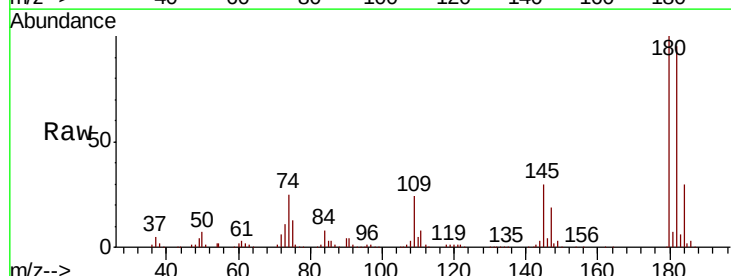


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

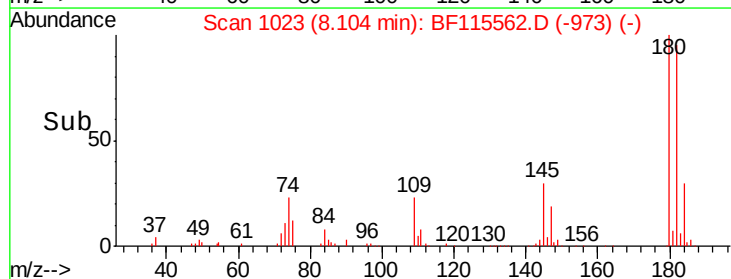
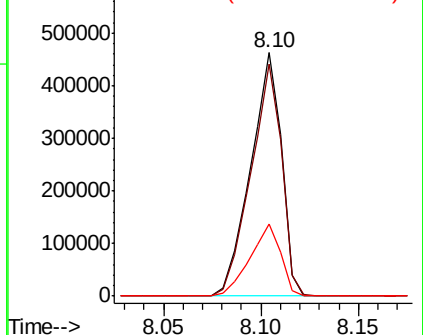


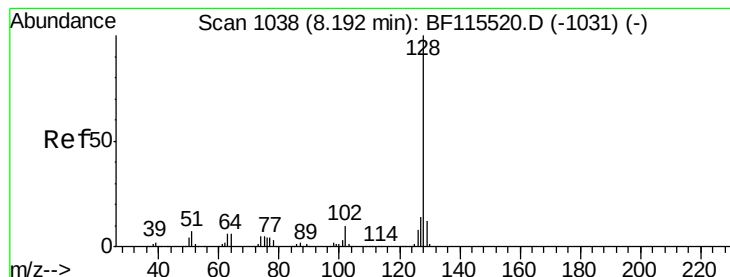
#30
 1,2,4-Trichlorobenzene
 Concen: 45.963 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	29.8	25.1	37.7



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: 48.257 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

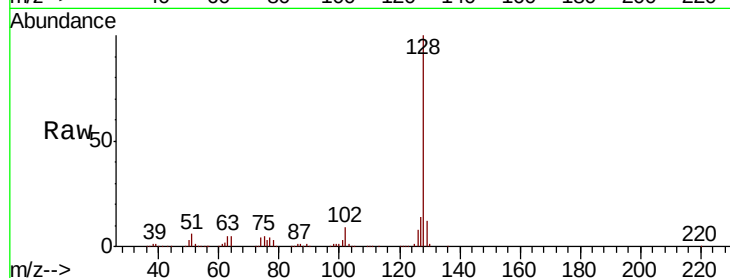
Tot Ion:128 Resp: 1531077

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

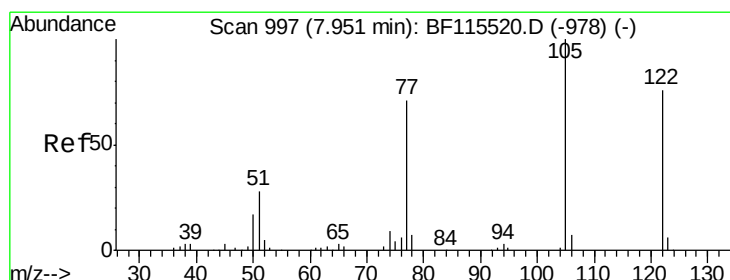
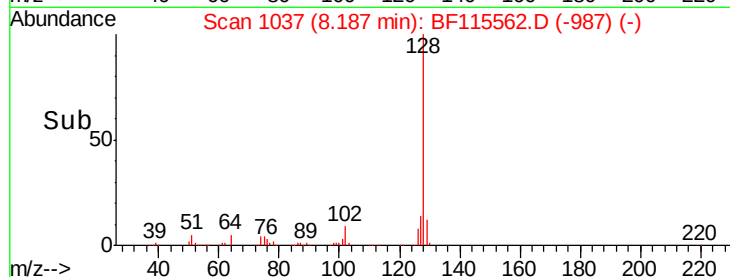
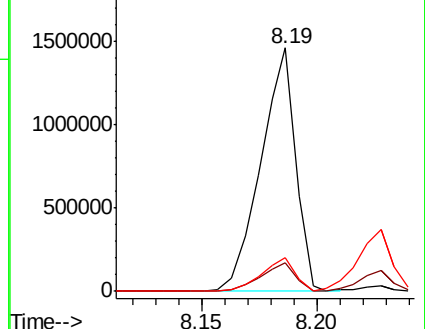
127 13.7 12.1 18.1



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: 44.830 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

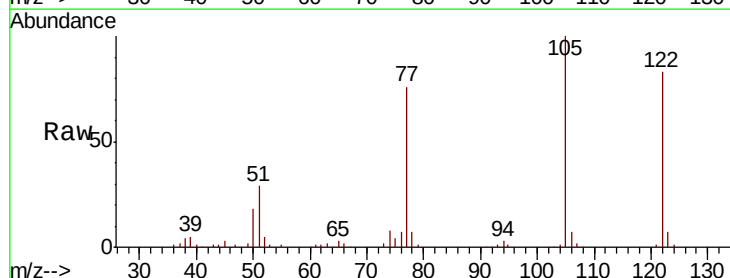
Tgt Ion:122 Resp: 344320

Ion Ratio Lower Upper

122 100

105 120.6 102.5 142.5

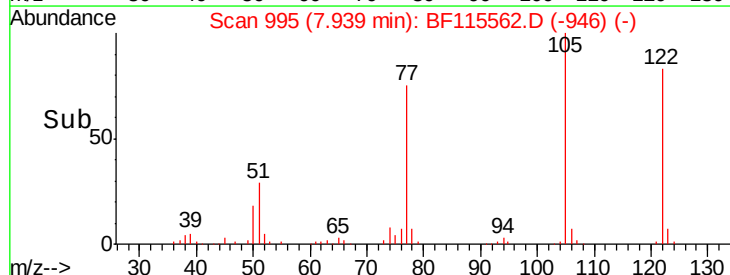
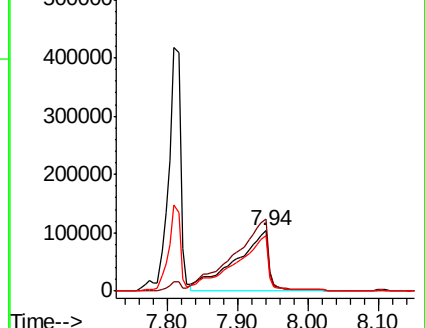
77 91.3 70.2 110.2

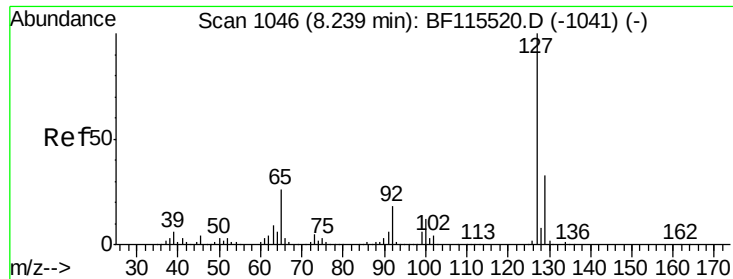


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

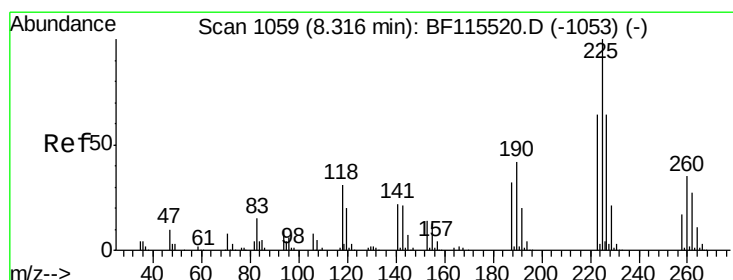
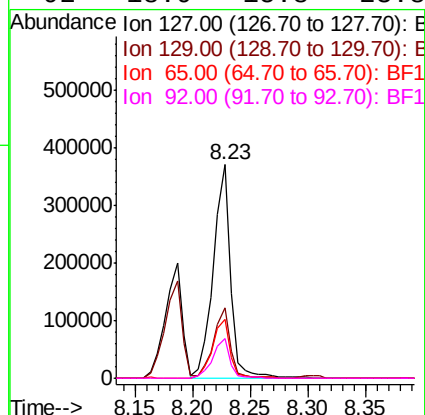
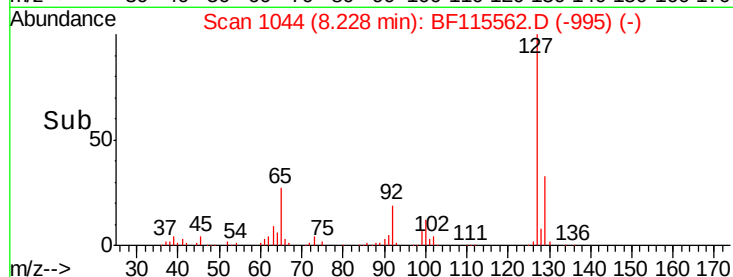
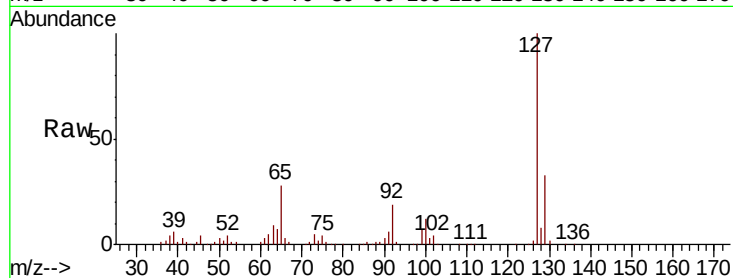




#33
4-Chloroaniline
Concen: 27.536 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

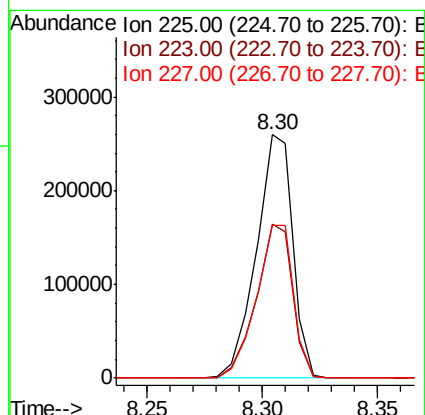
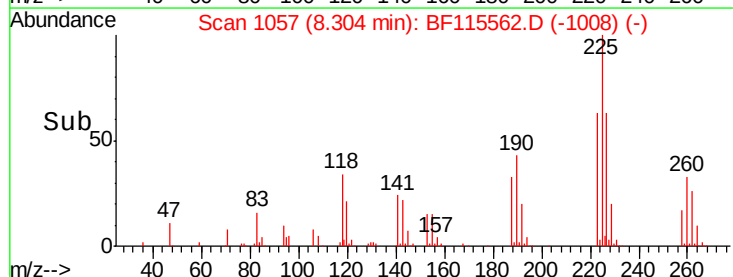
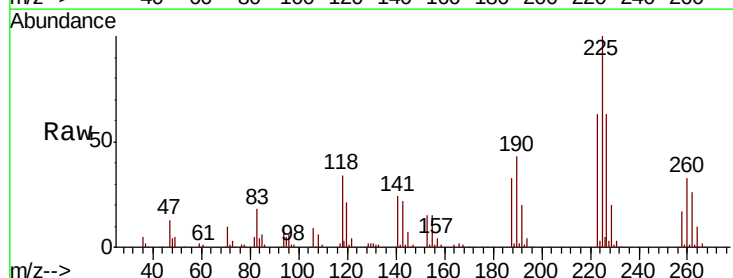
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

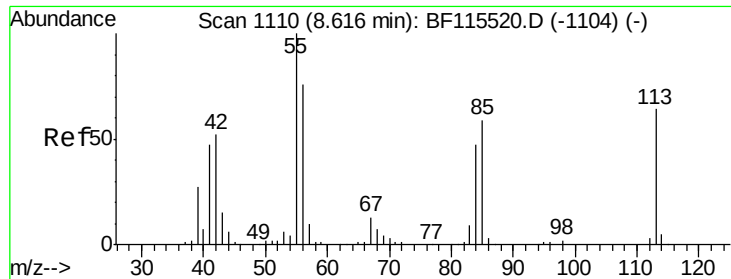
Tot Ion:	127	Resp:	386984
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	27.5	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.272 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:	225	Resp:	285633
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	62.8	50.7	76.1

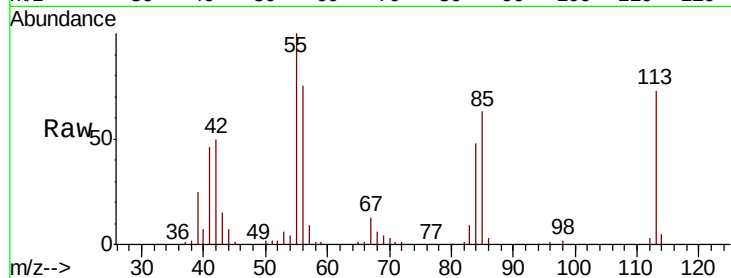




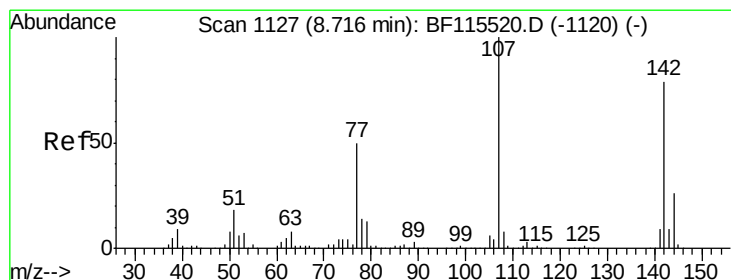
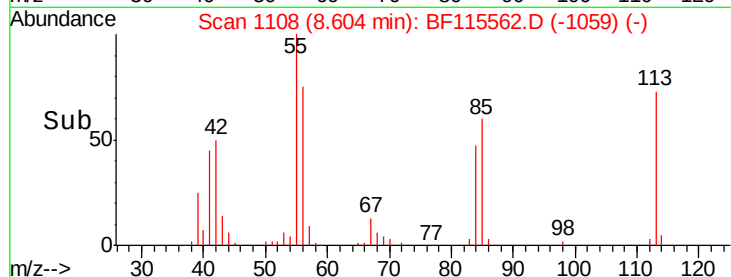
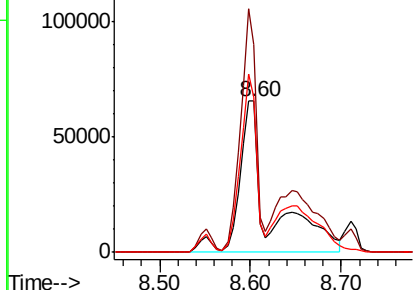
#35
 Caprolactam
 Concen: 49.563 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleID :
 PB121222BSD

Tot Ion: 113 Resp: 149071
 Ion Ratio Lower Upper
 113 100
 55 137.6 126.9 166.9
 56 102.8 90.3 130.3

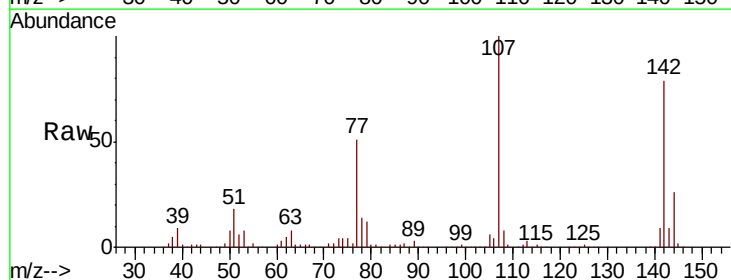


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

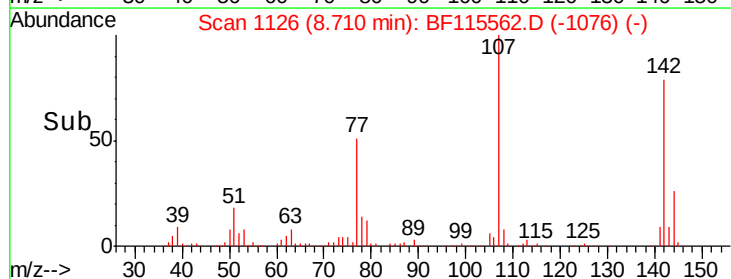
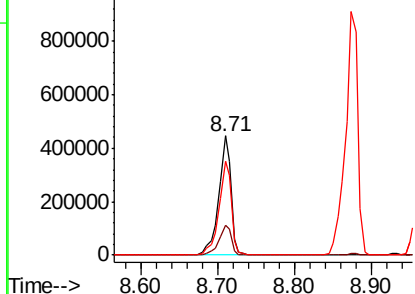


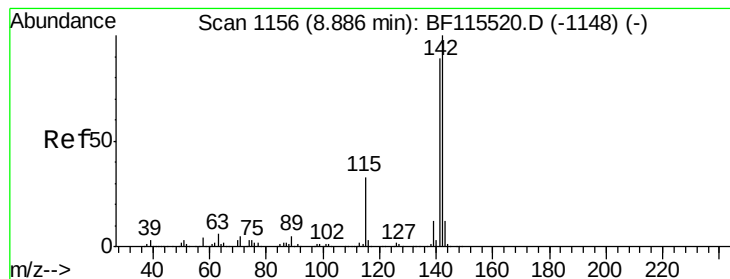
#36
 4-Chloro-3-methylphenol
 Concen: 48.045 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion: 107 Resp: 485080
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 79.0 63.1 94.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.749 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

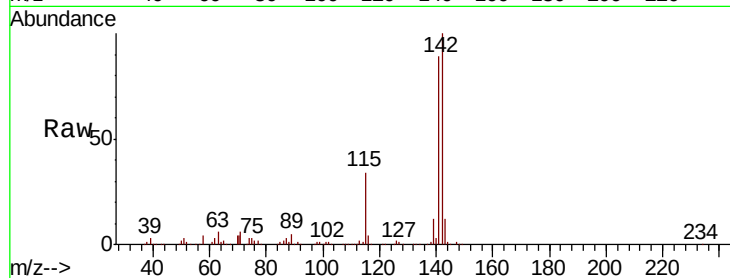
Tot Ion:142 Resp: 1025256

Ion Ratio Lower Upper

142 100

141 89.0 72.0 108.0

115 34.2 29.9 44.9

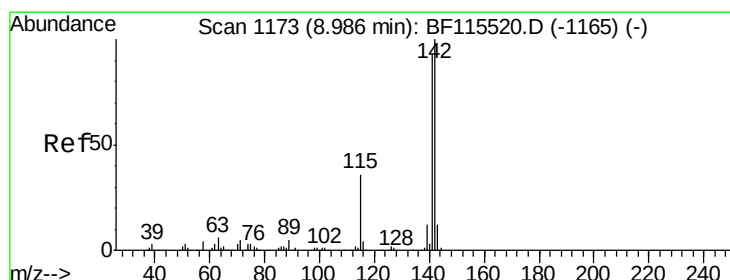
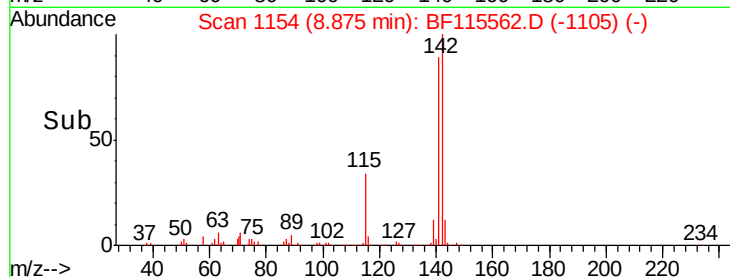
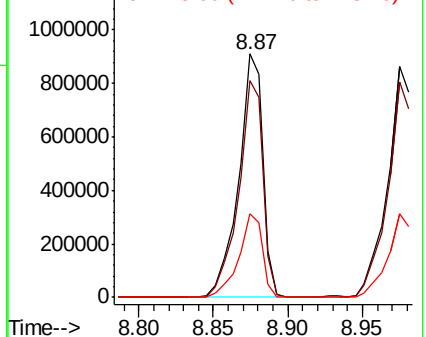


Abundance

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: 48.390 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

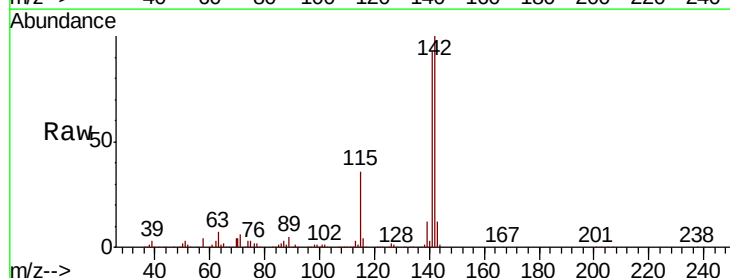
Tgt Ion:142 Resp: 966671

Ion Ratio Lower Upper

142 100

141 93.1 75.3 112.9

116 3.9 3.3 4.9

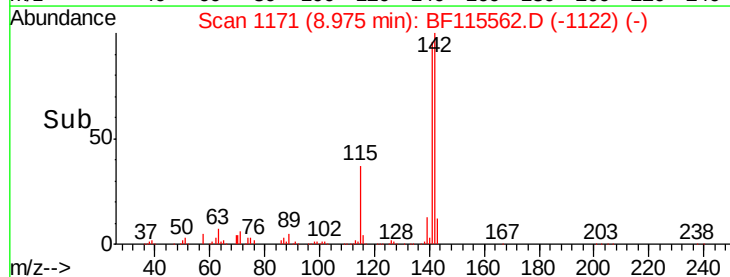
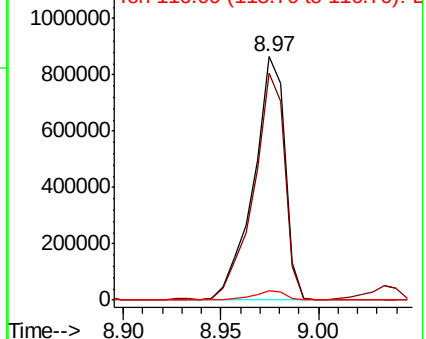


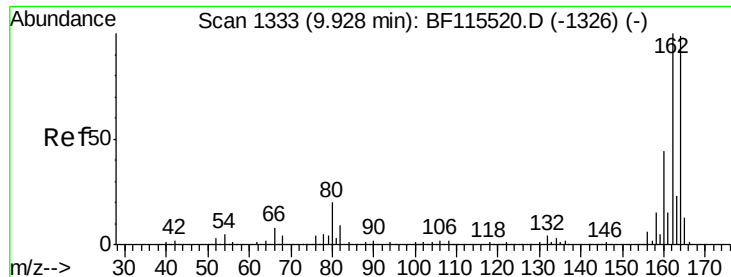
Abundance

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

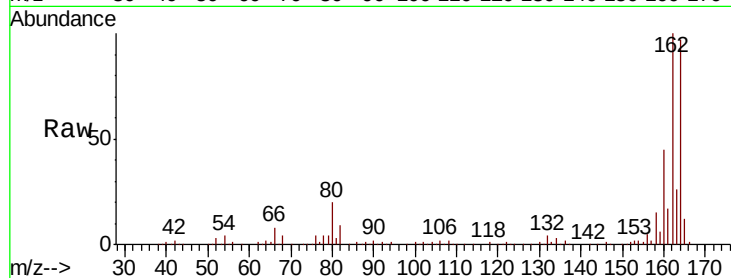
Tot Ion:164 Resp: 333165

Ion Ratio Lower Upper

164 100

162 103.0 82.9 124.3

160 46.3 36.8 55.2

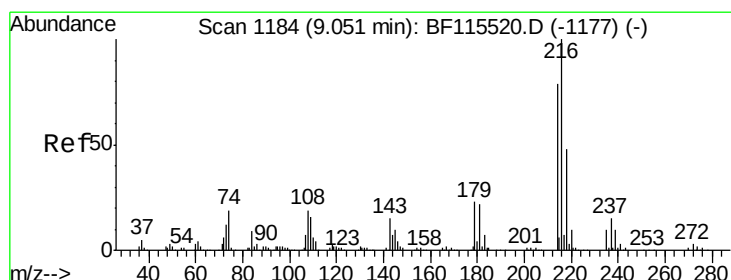
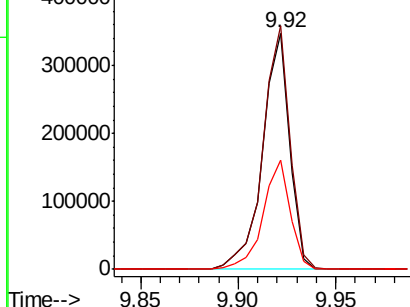
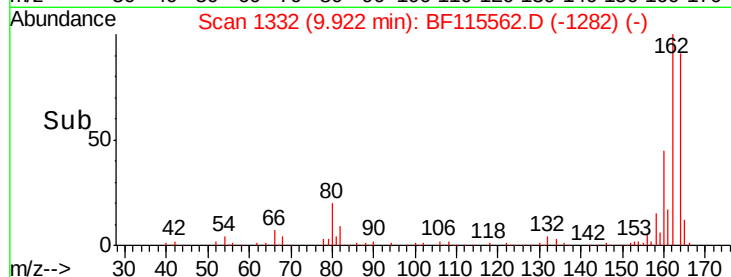


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.934 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Tgt Ion:216 Resp: 460848

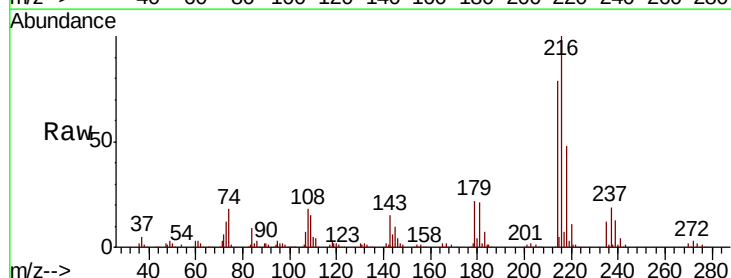
Ion Ratio Lower Upper

216 100

214 78.7 65.1 97.7

179 21.9 18.3 27.5

108 20.5 15.7 23.5



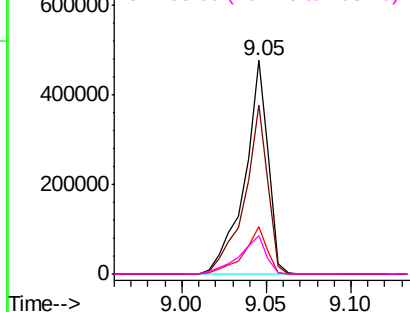
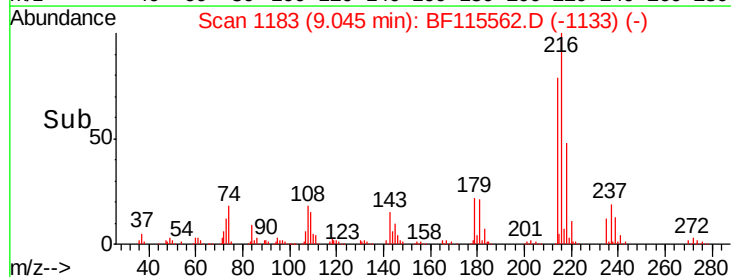
Abundance

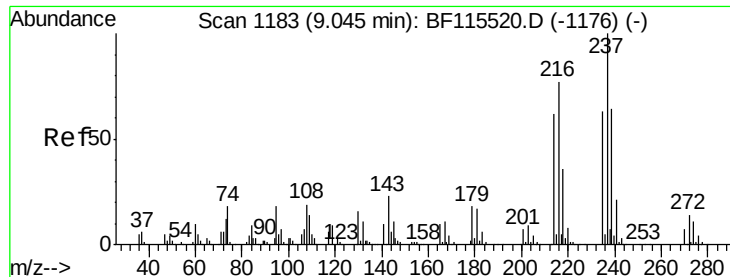
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

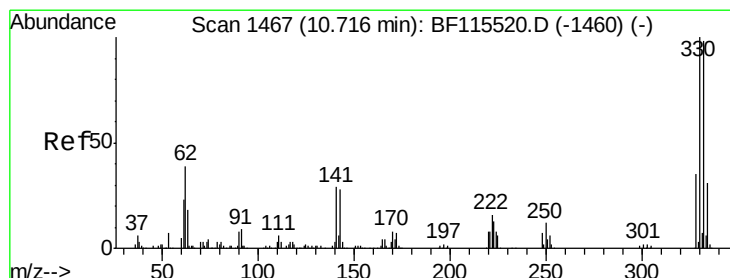
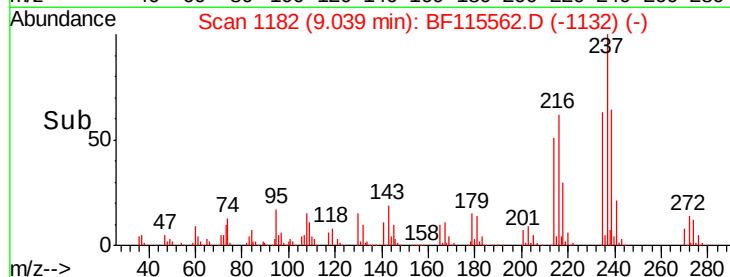
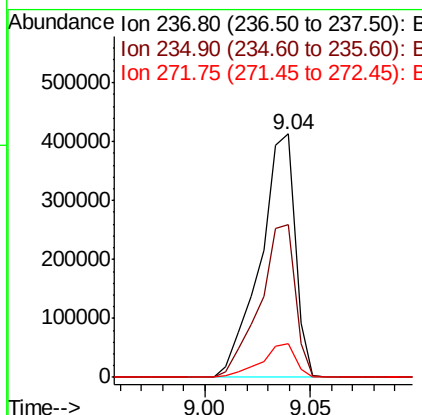
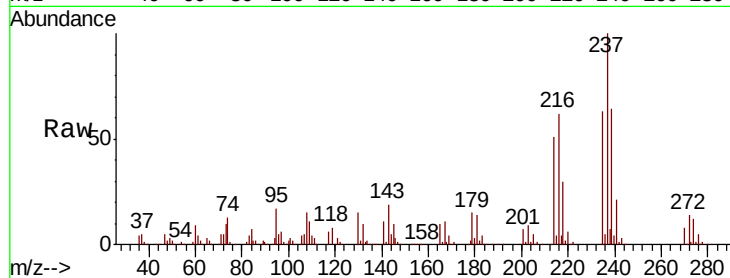




#41
Hexachlorocyclopentadiene
Concen: 83.265 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

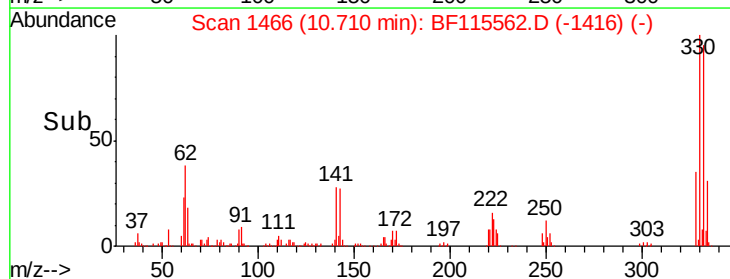
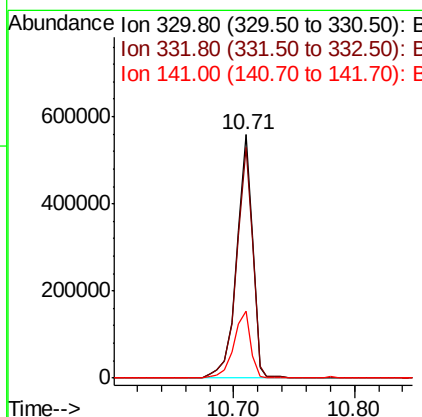
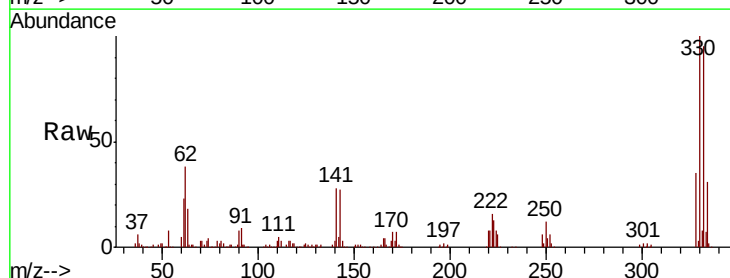
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

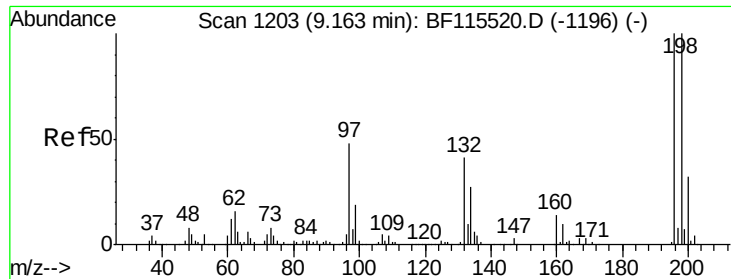
Tot Ion:237 Resp: 476534
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 14.1 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 132.939 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:330 Resp: 516977
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 29.3 22.4 33.6

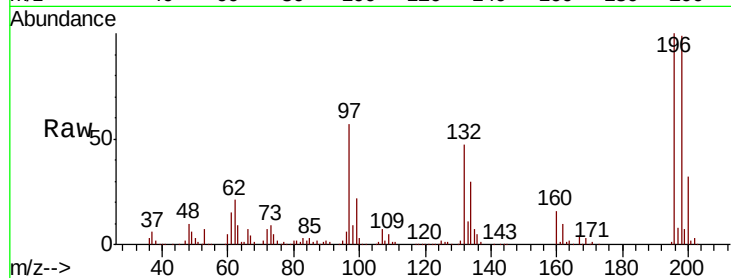




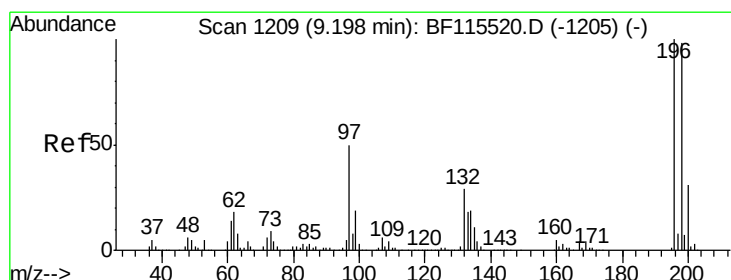
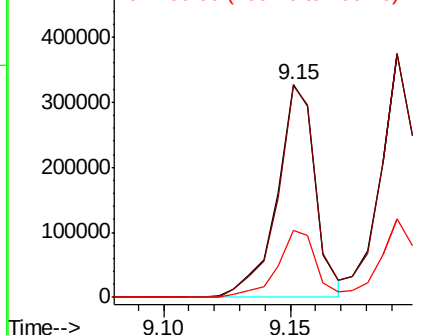
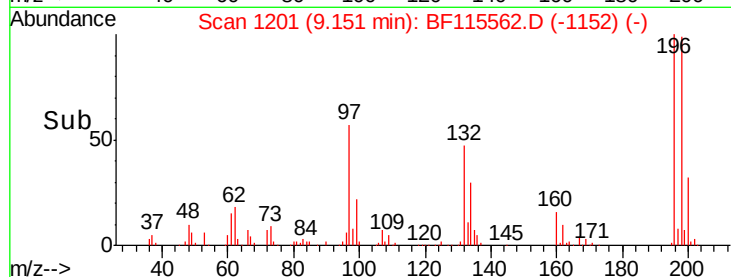
#43
 2,4,6-Trichlorophenol
 Concen: 46.944 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Tot Ion:196 Resp: 344422
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.6 121.0
 200 31.7 25.8 38.6

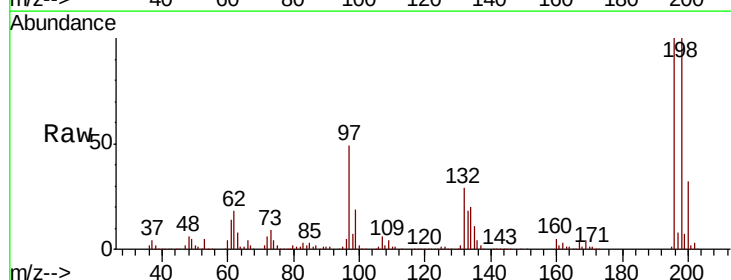


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

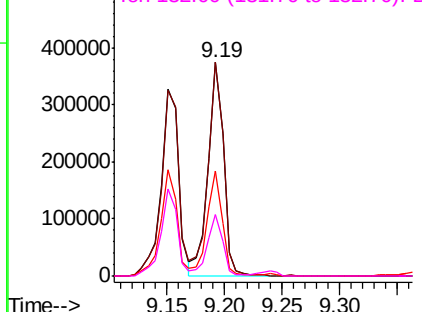
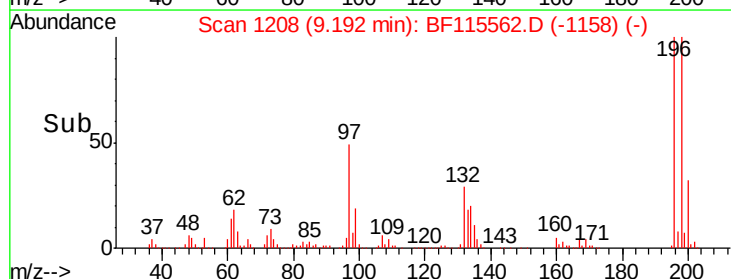


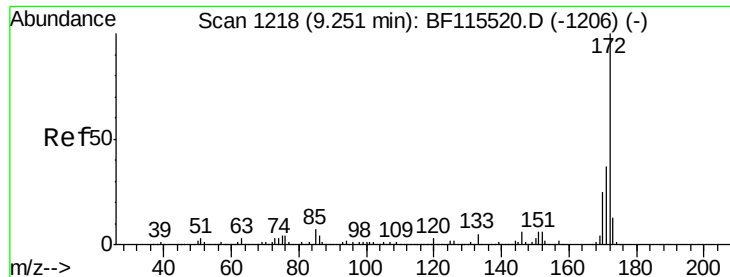
#44
 2,4,5-Trichlorophenol
 Concen: 46.805 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:196 Resp: 351679
 Ion Ratio Lower Upper
 196 100
 198 99.8 79.6 119.4
 97 49.0 37.8 56.6
 132 28.9 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

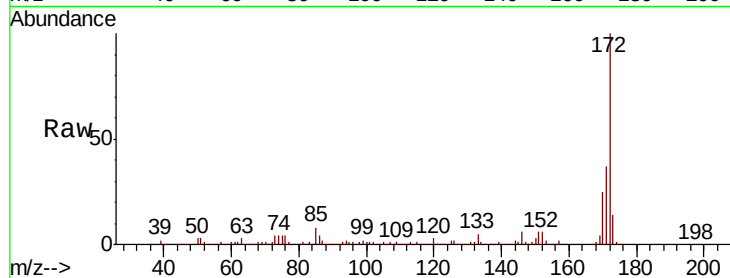




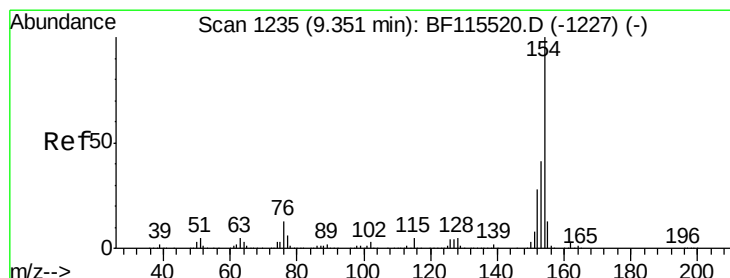
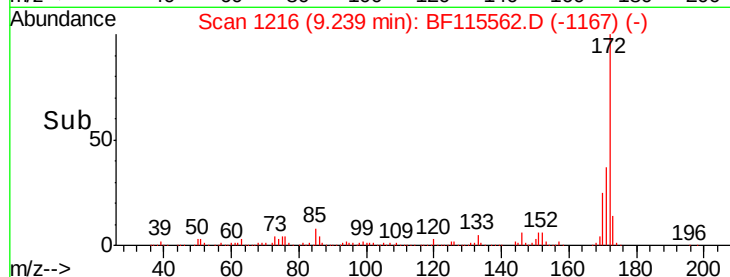
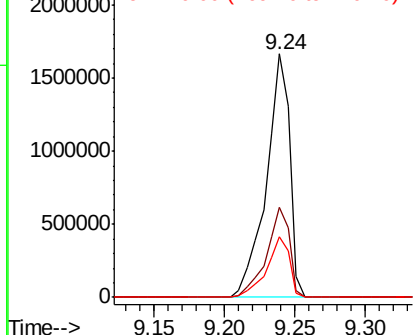
#45
2-Fluorobiphenyl
Concen: 101.819 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:172 Resp: 1938115
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 25.0 20.5 30.7

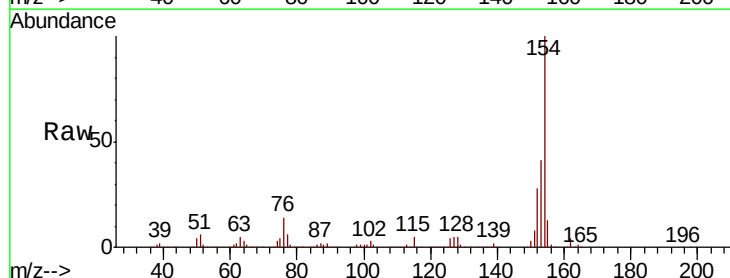


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

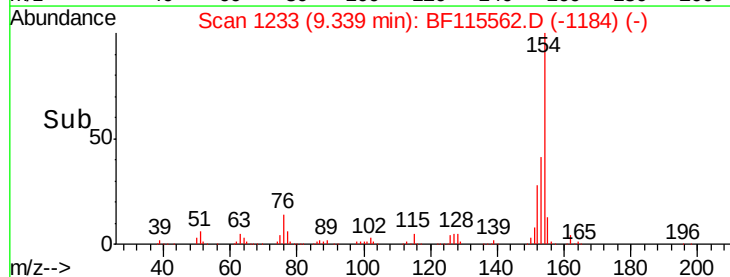
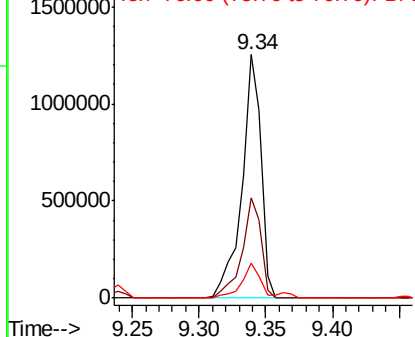


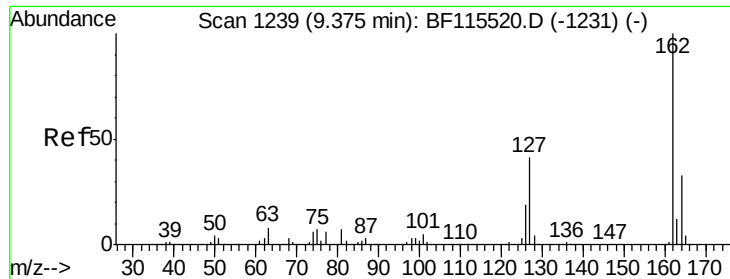
#46
1,1'-Biphenyl
Concen: 47.769 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:154 Resp: 1244202
Ion Ratio Lower Upper
154 100
153 41.3 22.6 62.6
76 14.2 0.0 33.4



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

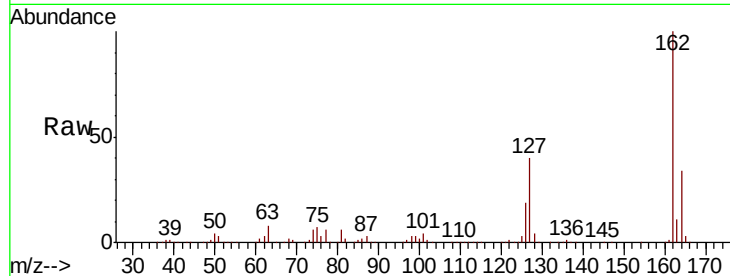




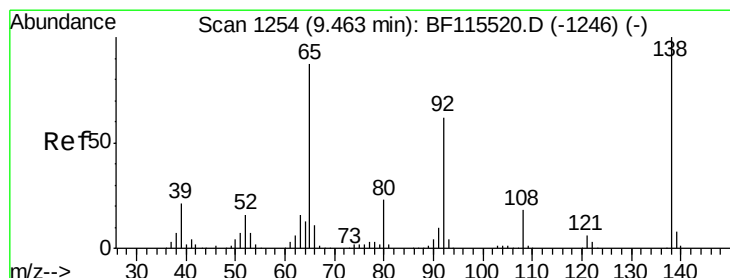
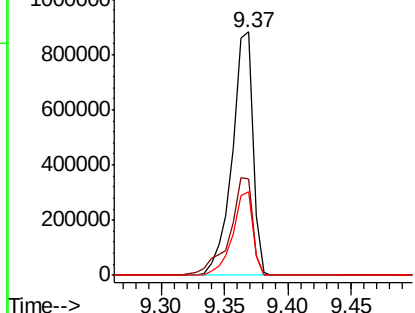
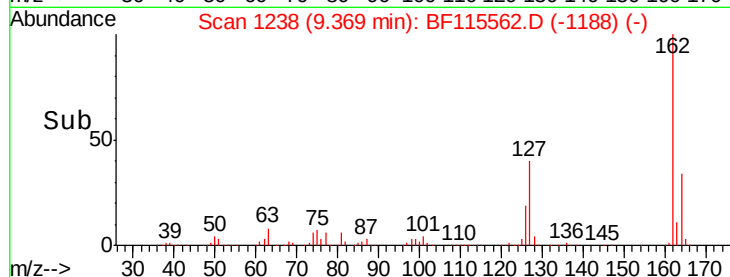
#47
2-Chloronaphthalene
Concen: 45.648 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:162 Resp: 990004
Ion Ratio Lower Upper
162 100
127 39.8 34.1 51.1
164 34.2 27.4 41.2

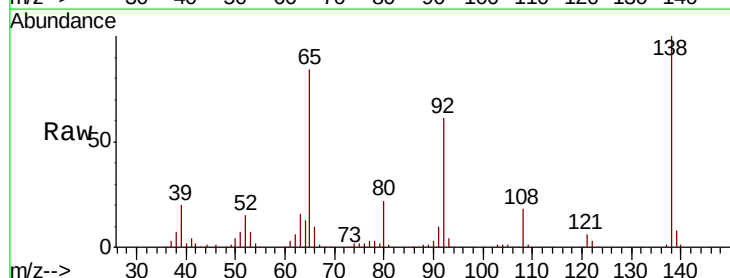


Abundance Ion 162.00 (161.70 to 162.70): E
1200000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

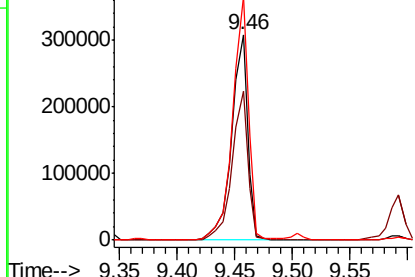
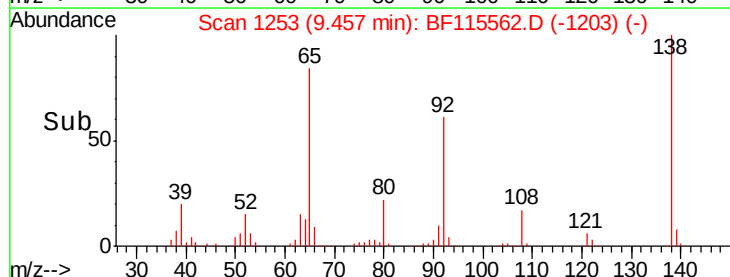


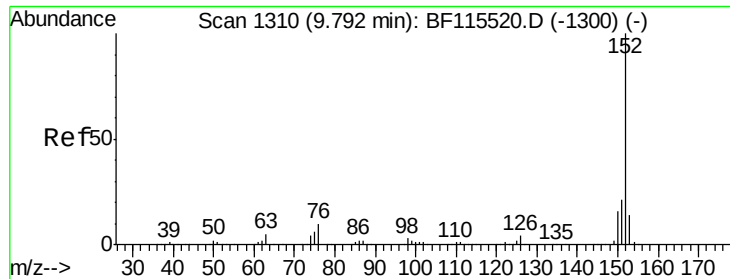
#48
2-Nitroaniline
Concen: 44.468 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion: 65 Resp: 298495
Ion Ratio Lower Upper
65 100
92 72.5 57.8 86.6
138 118.5 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
500000
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.066 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

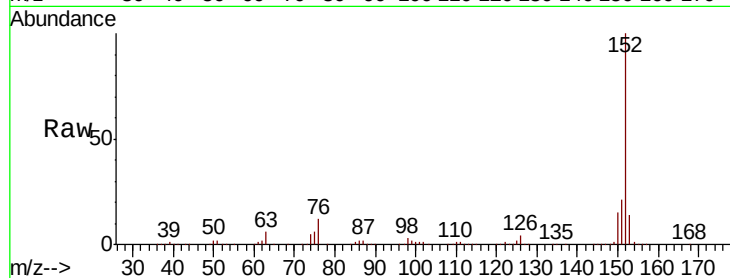
Tot Ion:152 Resp: 1512505

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

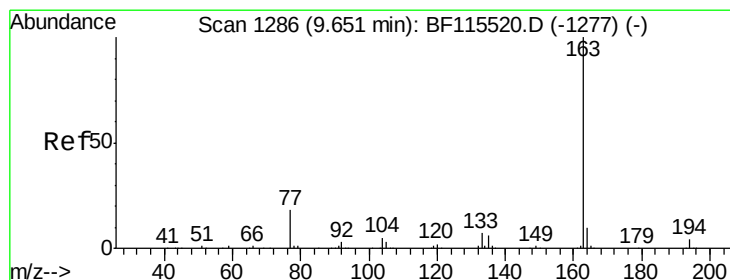
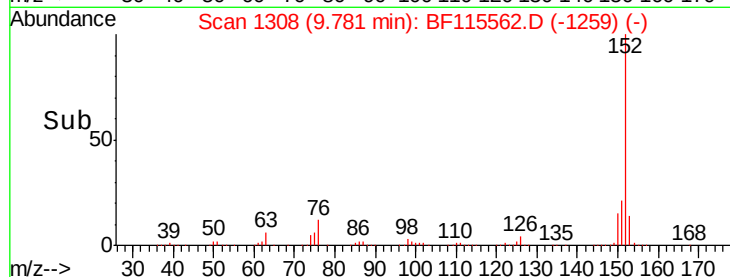
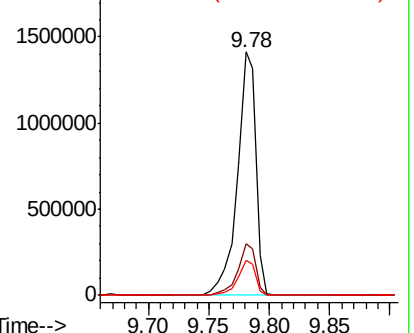
153 14.4 12.0 18.0



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: 46.036 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

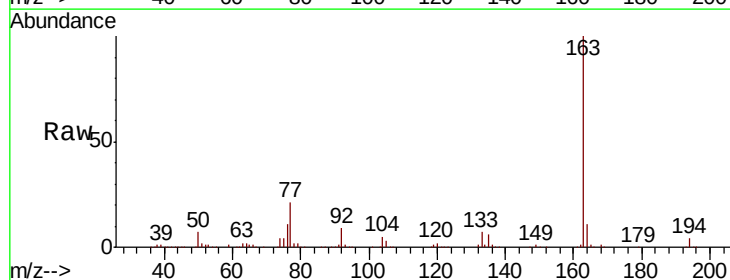
Tgt Ion:163 Resp: 1153949

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

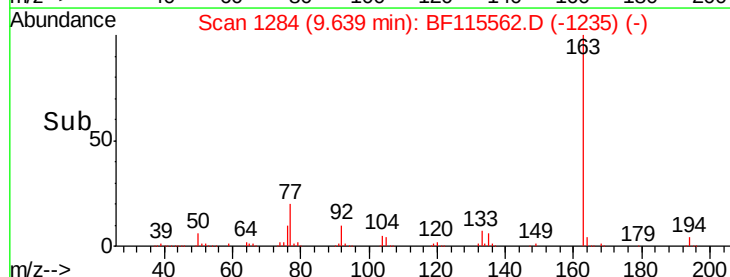
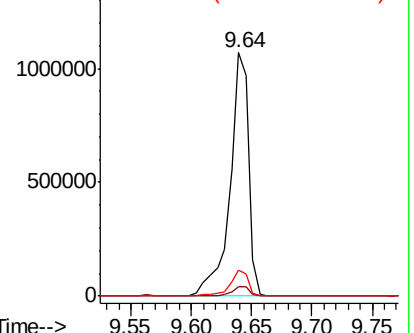
164 10.5 8.7 13.1

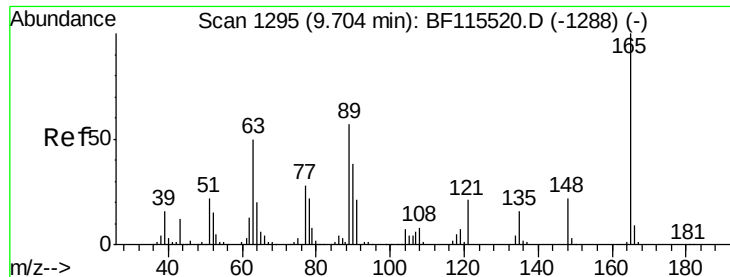


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

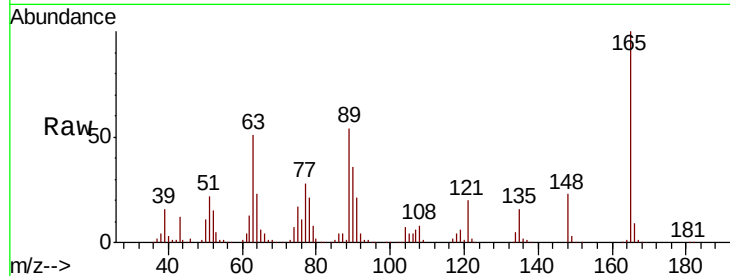




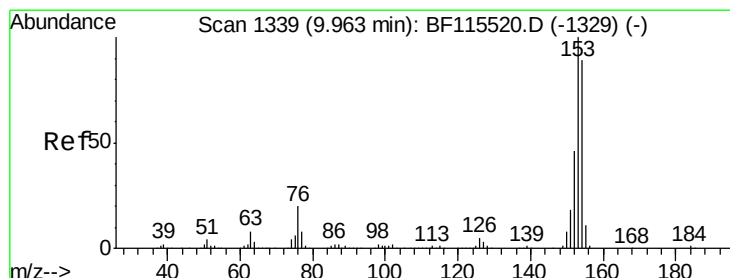
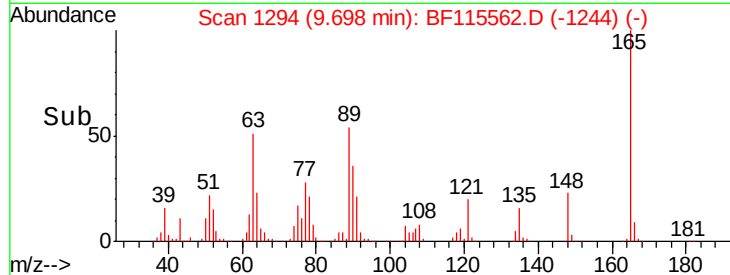
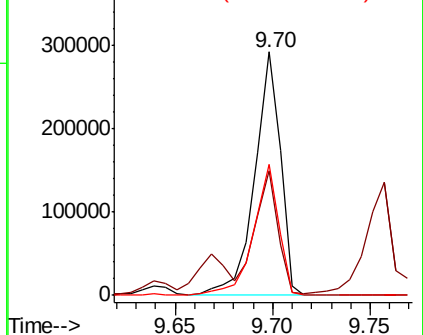
#51
2,6-Dinitrotoluene
Concen: 47.116 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	40.6	61.0
89	53.5	43.9	65.9

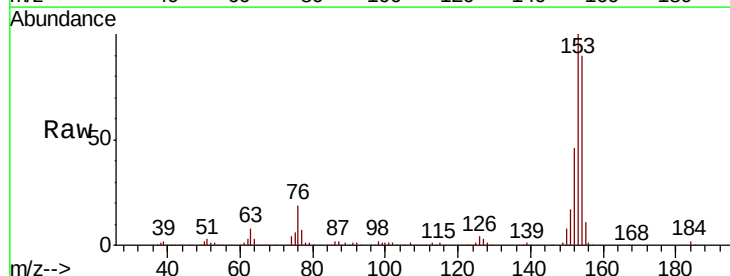


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

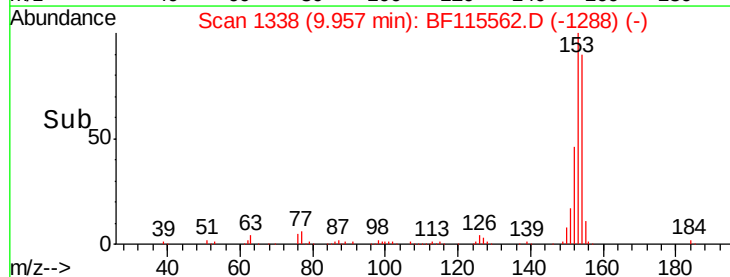
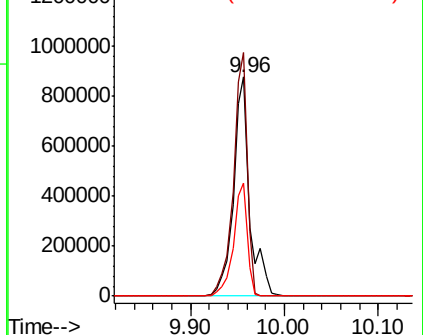


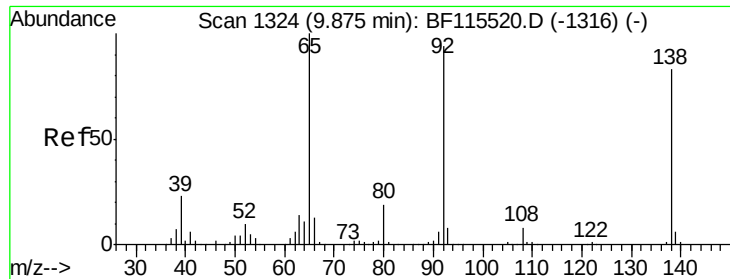
#52
Acenaphthene
Concen: 50.790 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.6	133.0
152	51.5	42.3	63.5



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

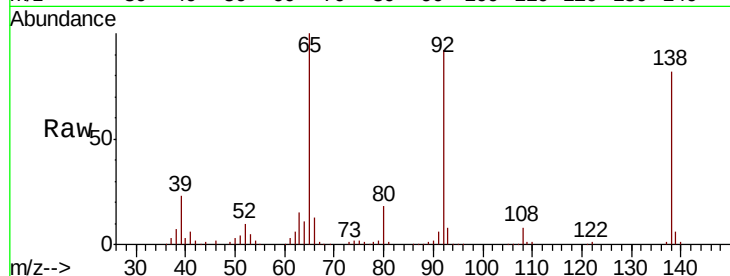




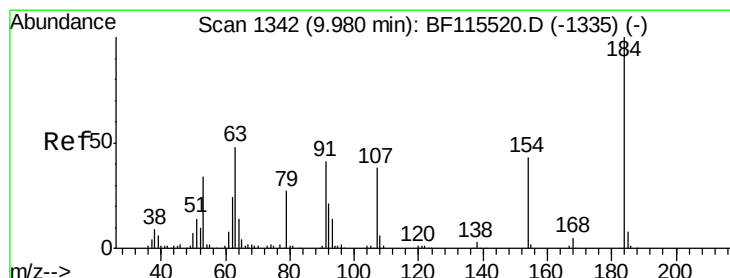
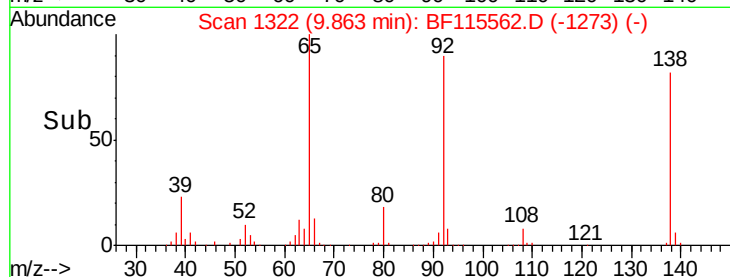
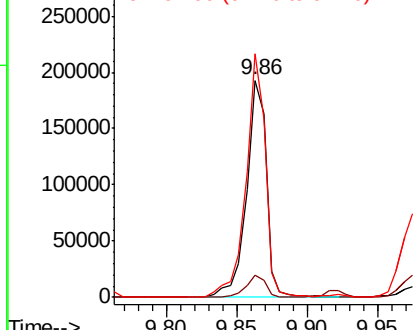
#53
3-Nitroaniline
Concen: 29.284 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:138 Resp: 190629
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 112.3 88.0 132.0

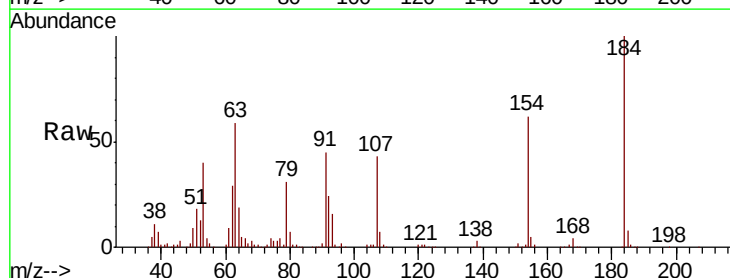


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

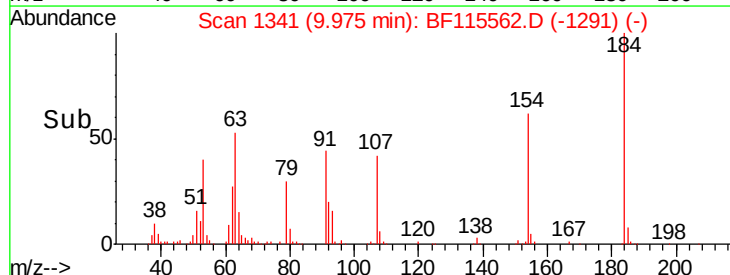
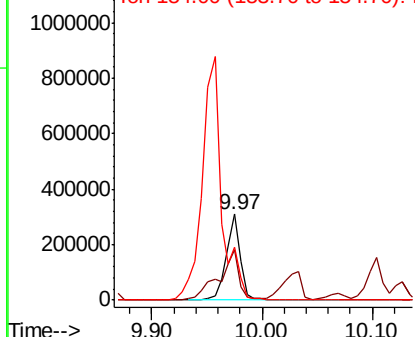


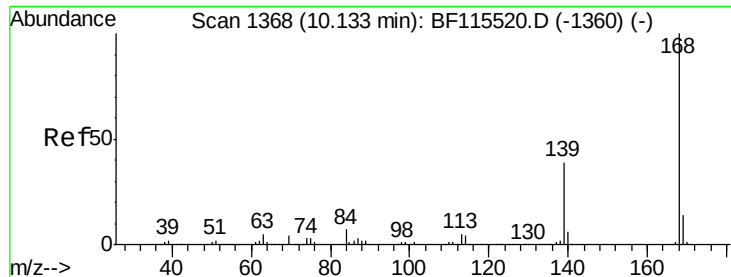
#54
2,4-Dinitrophenol
Concen: 95.290 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:184 Resp: 278692
Ion Ratio Lower Upper
184 100
63 58.5 48.7 73.1
154 62.0 48.6 73.0



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

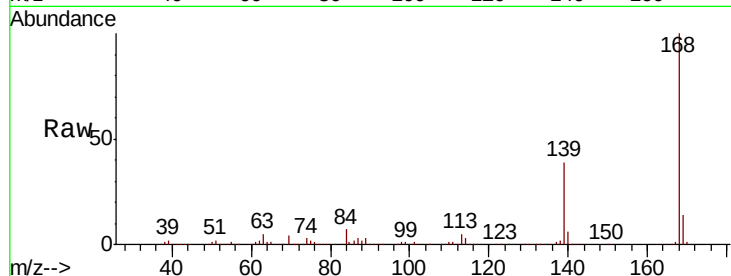




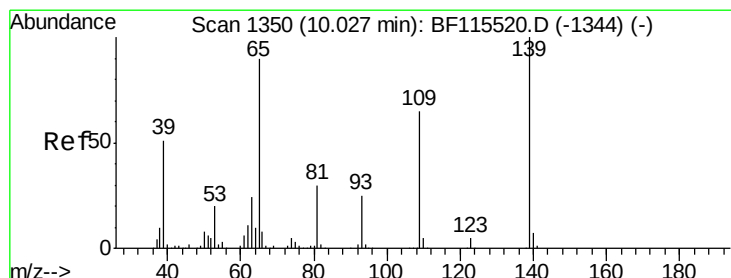
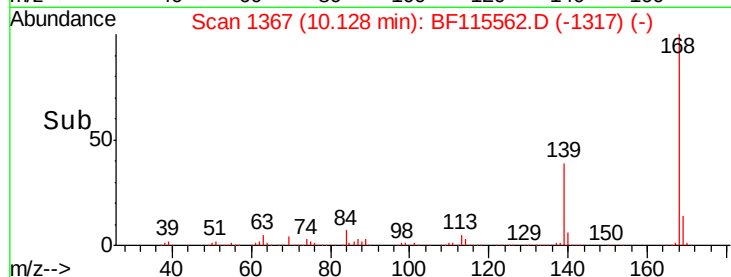
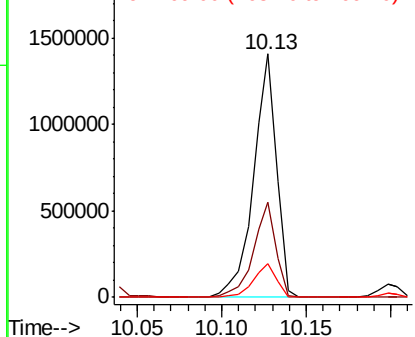
#55
Dibenzenofuran
Concen: 45.535 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:168 Resp: 1341622
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.0 11.1 16.7

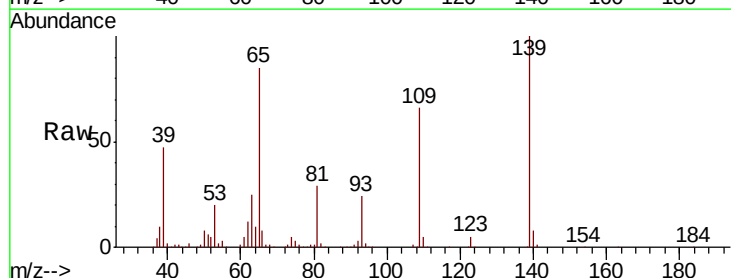


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

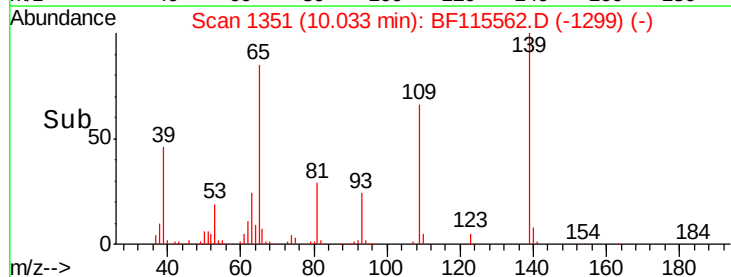
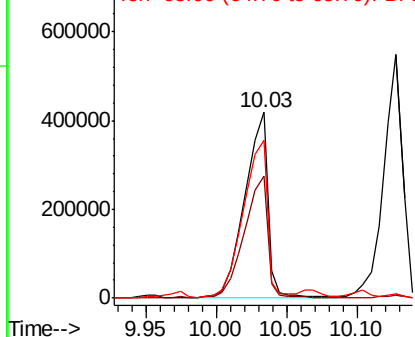


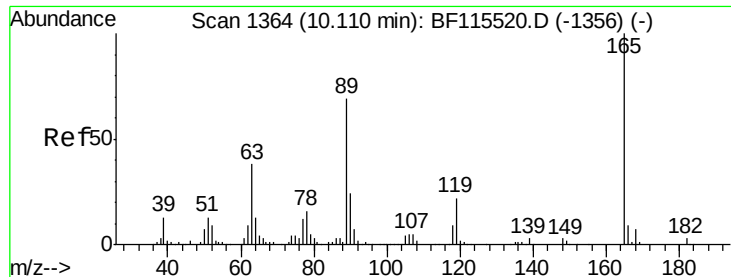
#56
4-Nitrophenol
Concen: 97.240 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:139 Resp: 482698
Ion Ratio Lower Upper
139 100
109 66.0 46.4 86.4
65 84.7 68.9 108.9



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

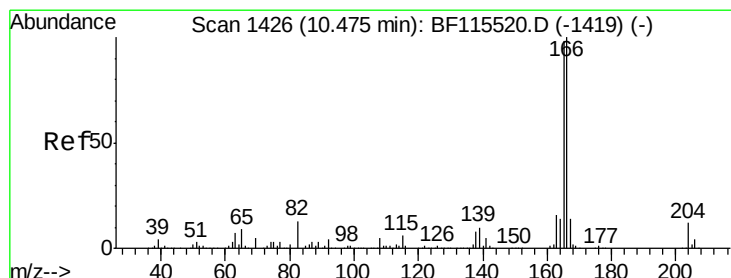
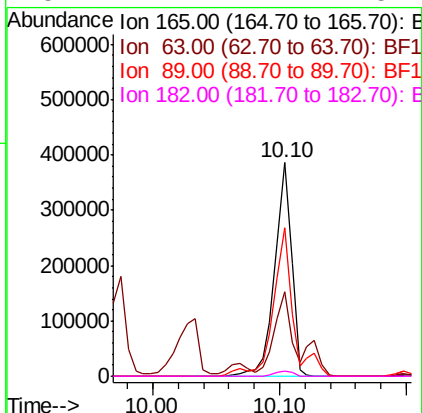
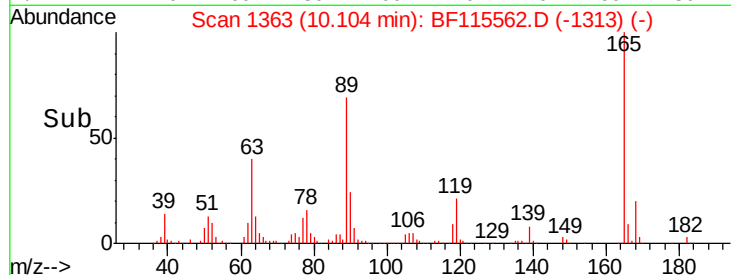
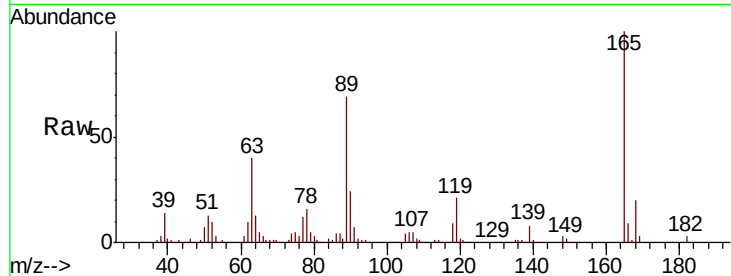




#57
 2,4-Dinitrotoluene
 Concen: 48.058 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

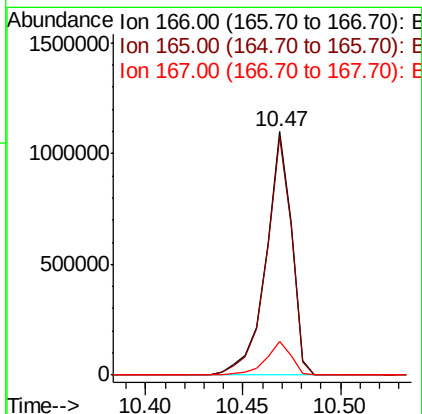
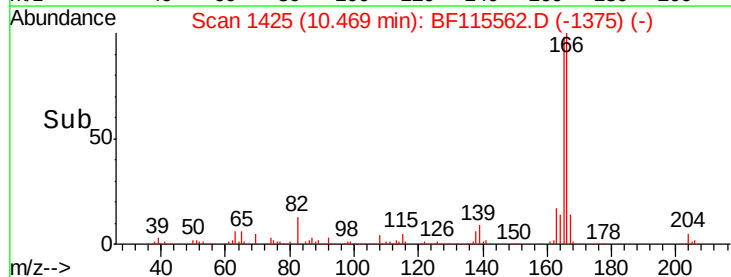
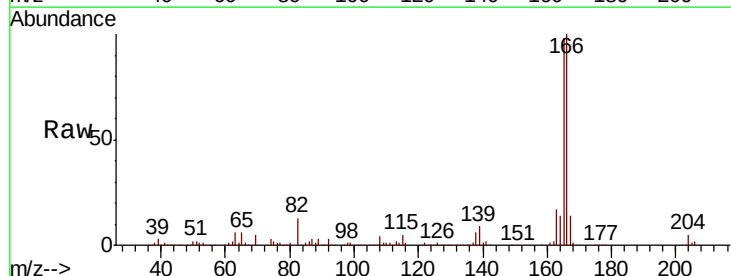
Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

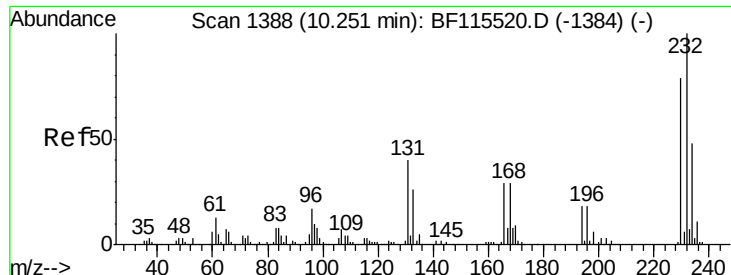
Tot Ion:	165	Resp:	354672
Ion	Ratio	Lower	Upper
165	100		
63	39.5	34.9	52.3
89	69.5	57.5	86.3
182	2.7	2.2	3.4



#58
 Fluorene
 Concen: 47.187 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:	166	Resp:	993922
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.6
167	13.6	11.2	16.8

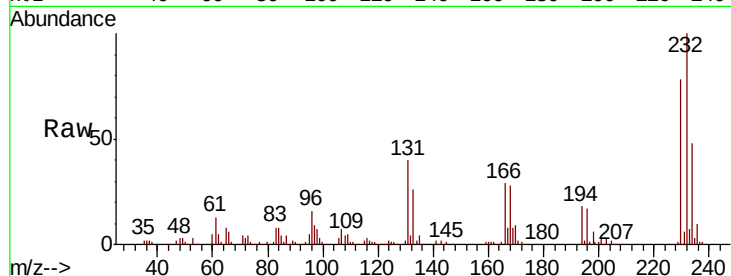




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.533 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.9	53.9
130	2.1	1.8	2.6
166	29.5	24.8	37.2



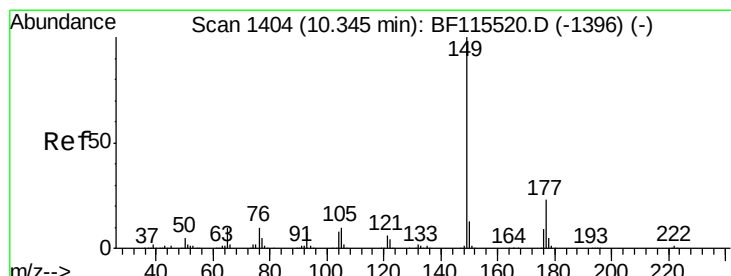
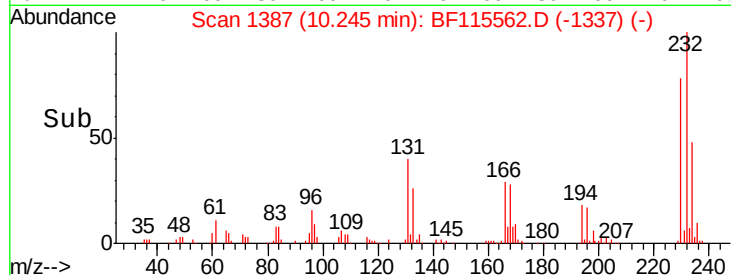
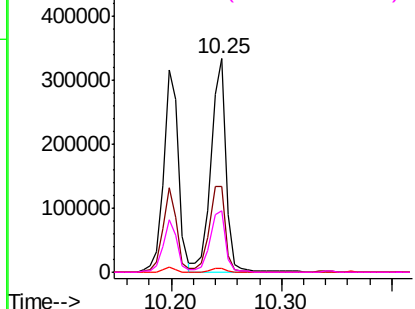
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

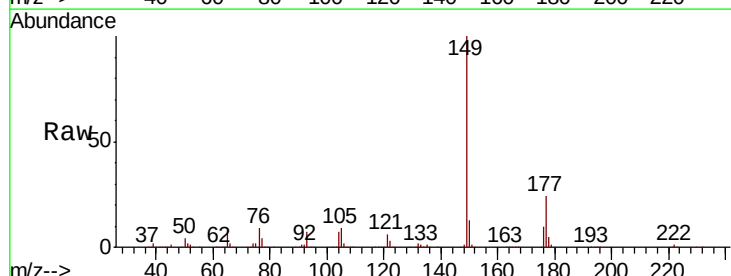
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.060 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.5	29.3
150	12.8	10.4	15.6

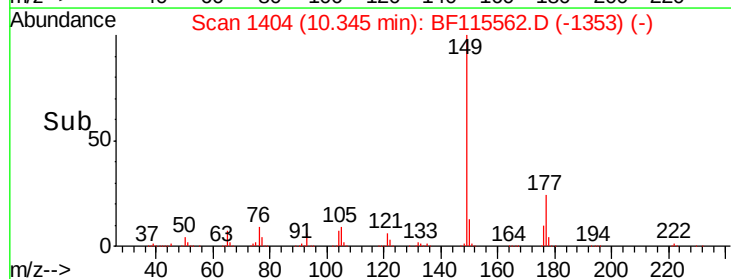
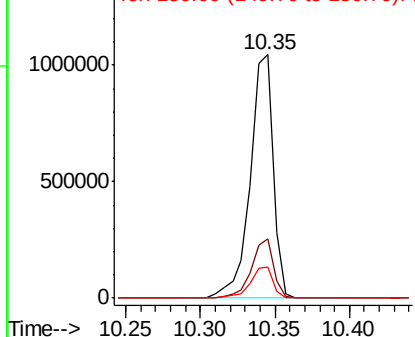


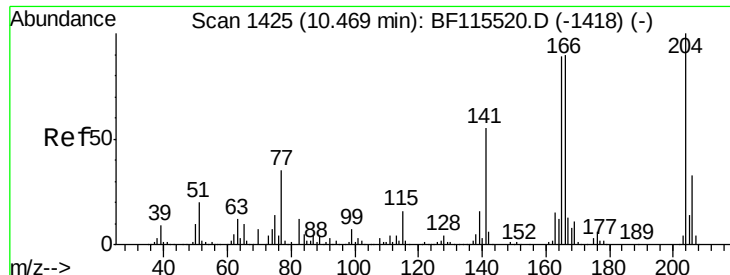
Abundance

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

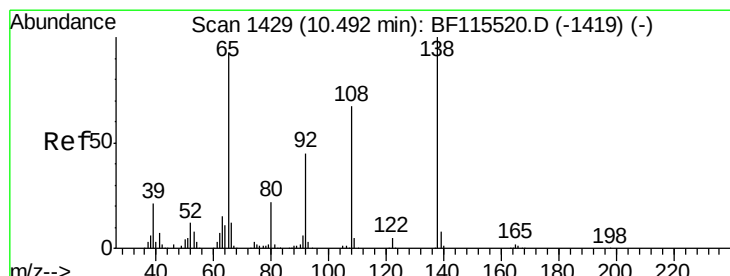
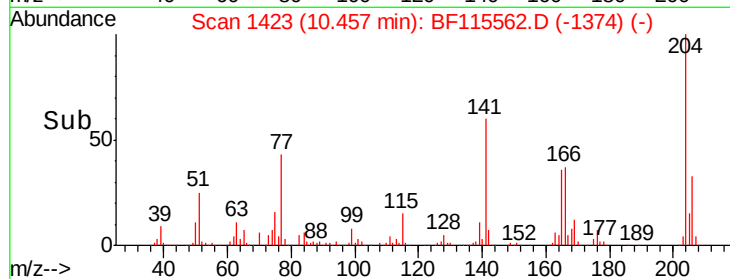
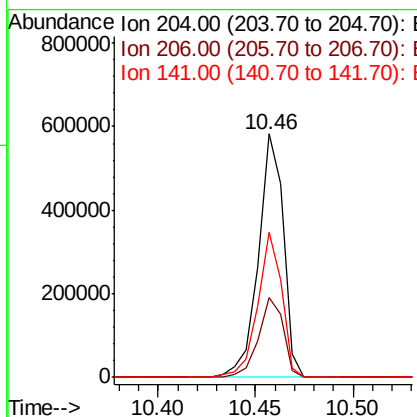
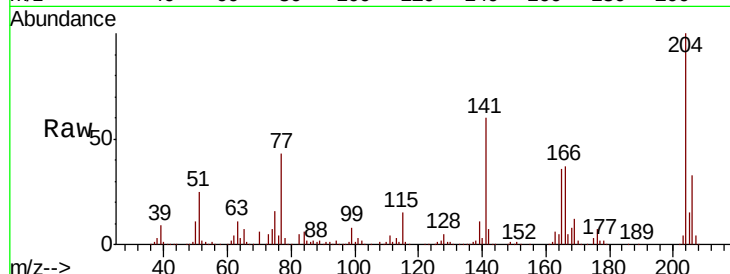




#61
 4-Chlorophenyl-phenylether
 Concen: 44.279 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

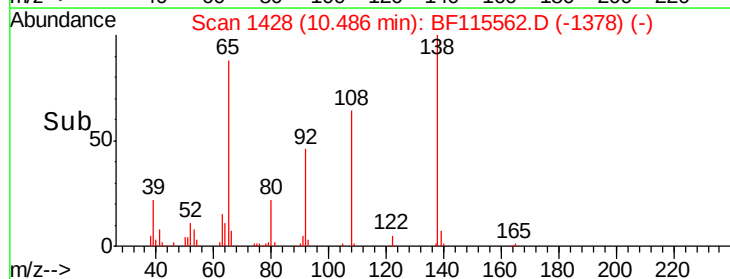
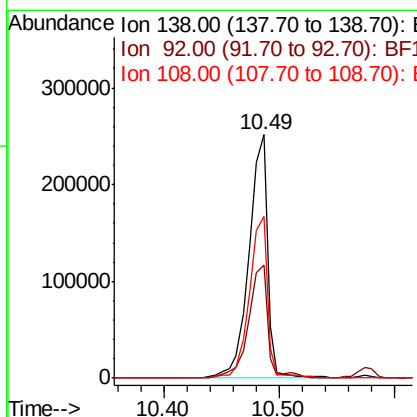
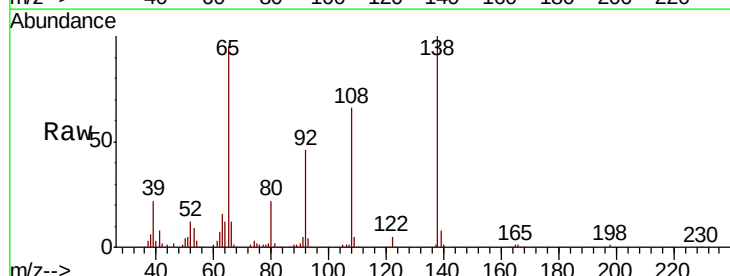
Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

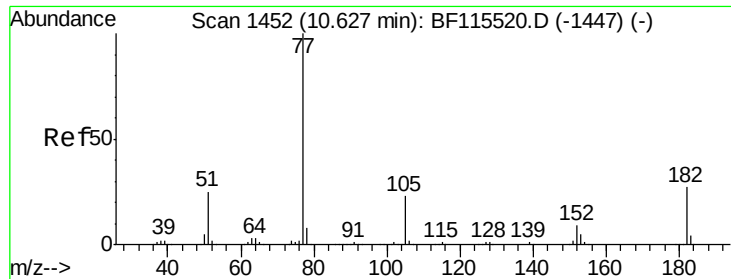
Tot Ion:	204	Resp:	517208
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	59.8	44.2	66.2



#62
 4-Nitroaniline
 Concen: 45.299 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:	138	Resp:	282856
Ion	Ratio	Lower	Upper
138	100		
92	46.5	27.1	67.1
108	66.4	48.0	88.0





#63

Azobenzene

Concen: 47.524 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

Tot Ion: 77 Resp: 1082619

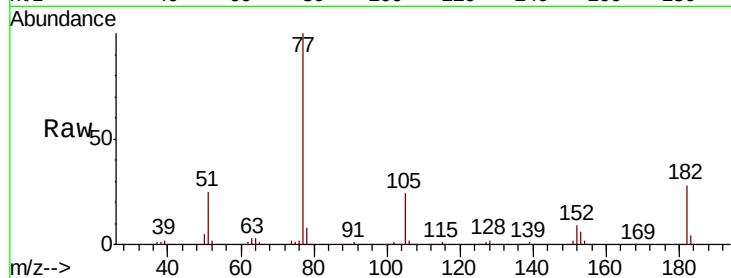
Ion Ratio Lower Upper

77 100

182 28.0 6.9 46.9

105 23.5 3.9 43.9

51 24.8 7.3 47.3

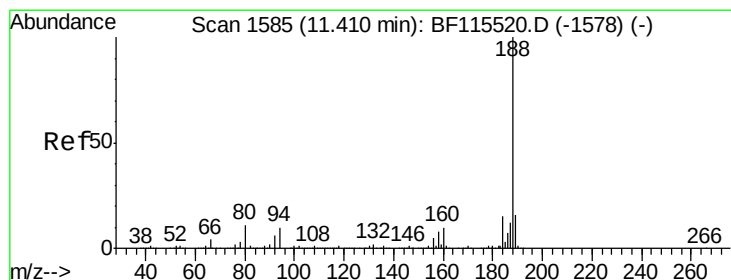
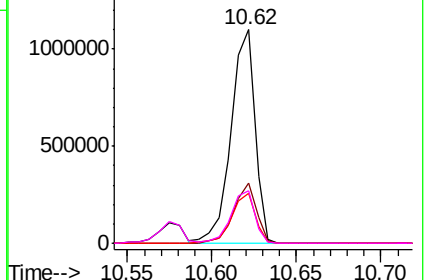
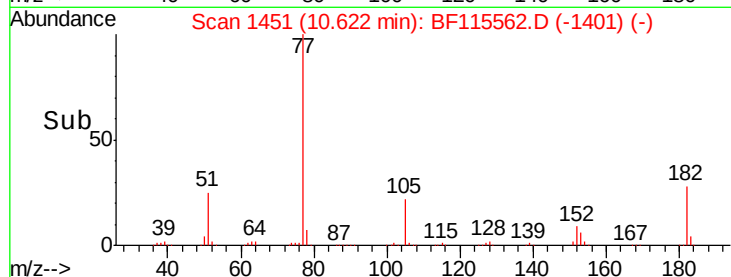


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

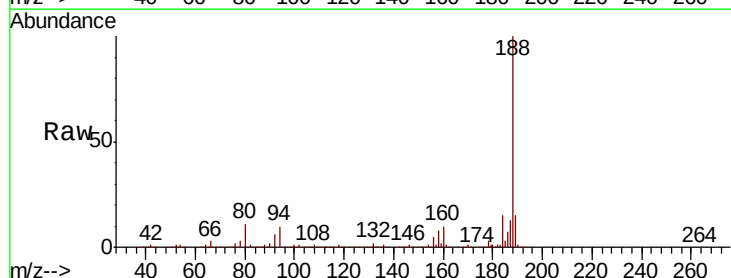
Tgt Ion: 188 Resp: 648119

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

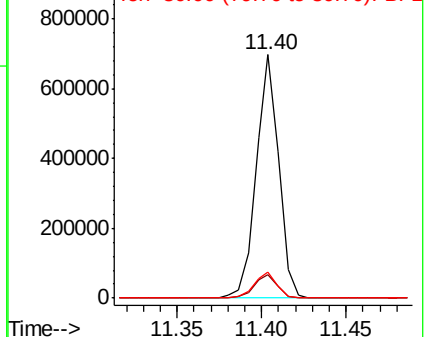
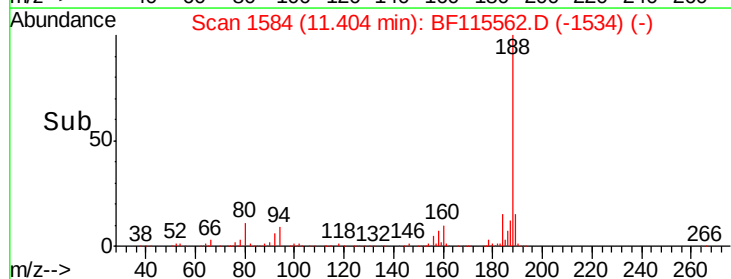
80 10.9 8.6 13.0

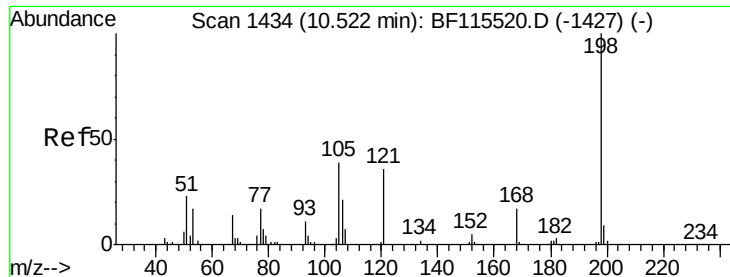


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.099 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

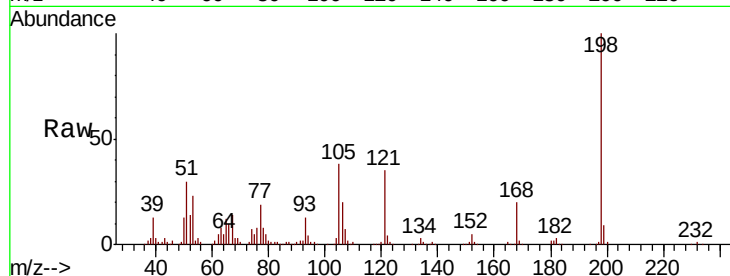
Tot Ion:198 Resp: 190461

Ion Ratio Lower Upper

198 100

51 30.1 19.1 59.1

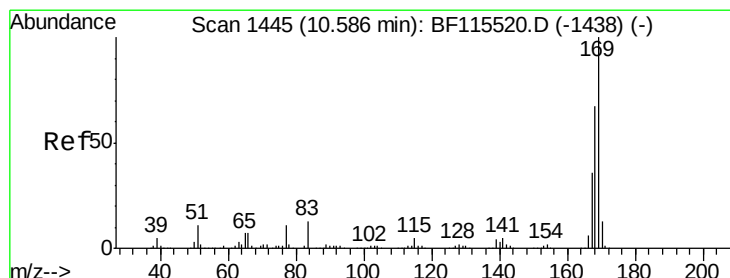
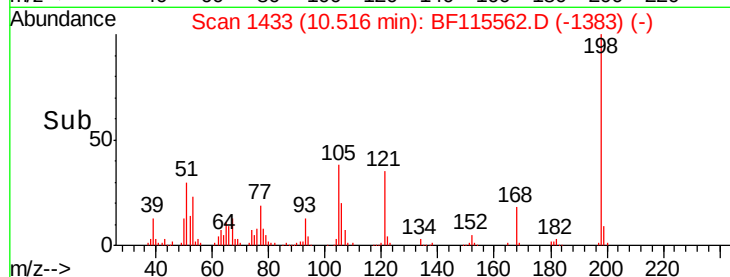
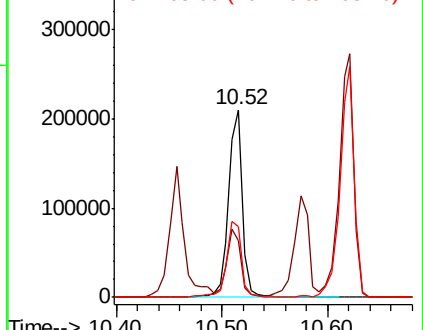
105 38.0 23.6 63.6



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: 46.529 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

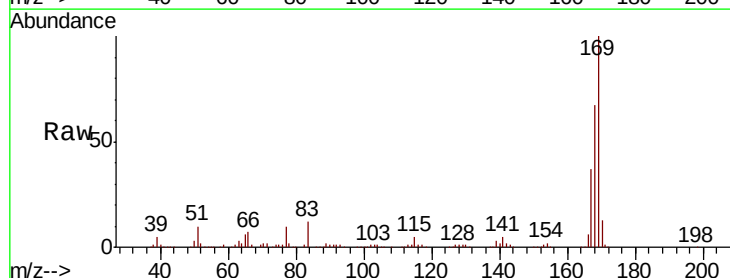
Tgt Ion:169 Resp: 938058

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

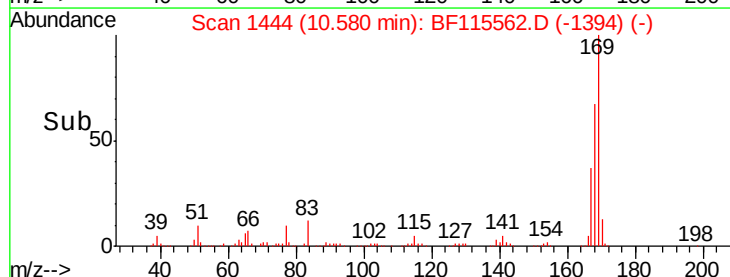
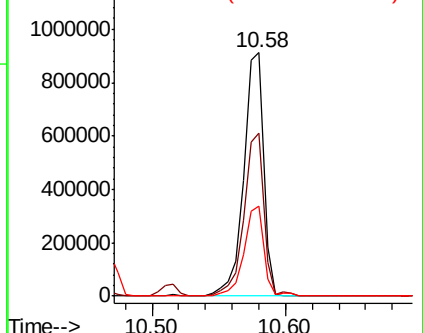
167 37.0 30.2 45.2

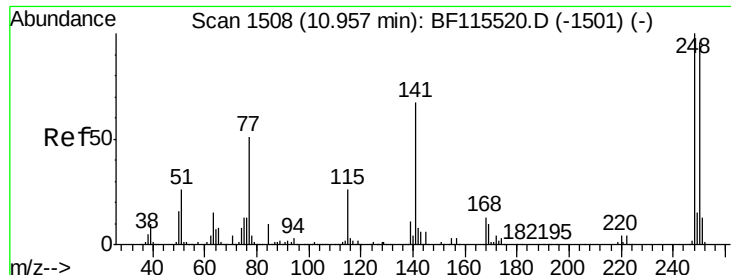


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

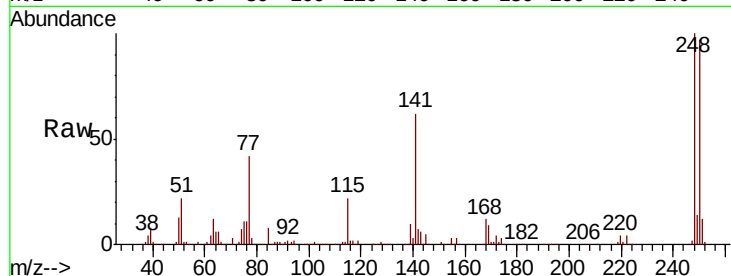




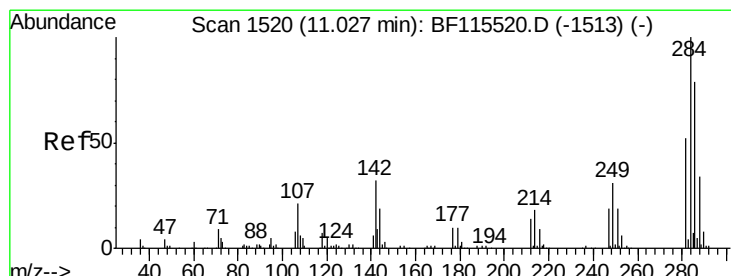
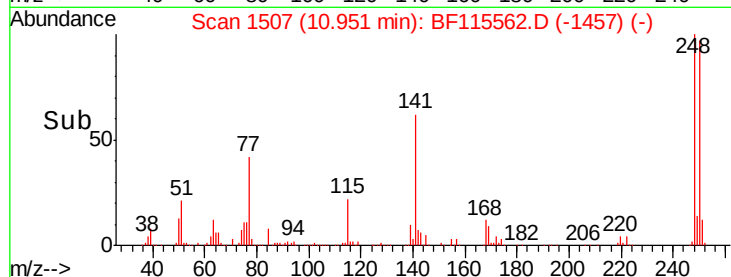
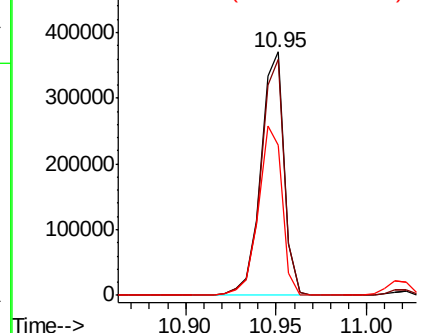
#67
4-Bromophenyl-phenylether
Concen: 44.871 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:248 Resp: 332336
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 61.7 57.7 86.5

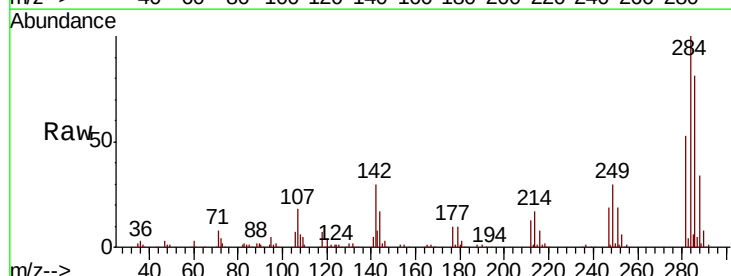


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

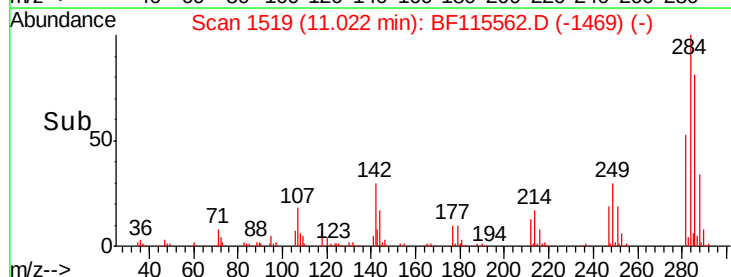
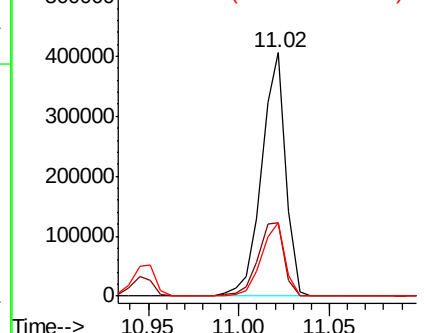


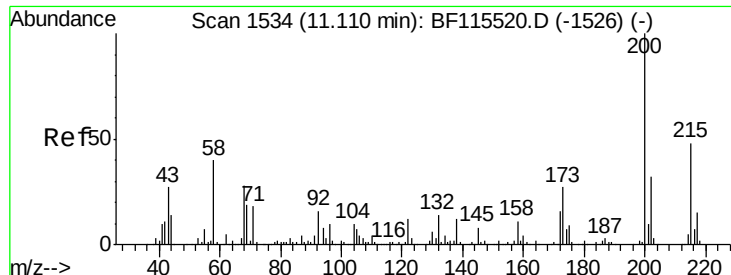
#68
Hexachlorobenzene
Concen: 44.159 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:284 Resp: 373503
Ion Ratio Lower Upper
284 100
142 30.2 22.2 33.2
249 30.2 23.4 35.2



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: 45.386 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

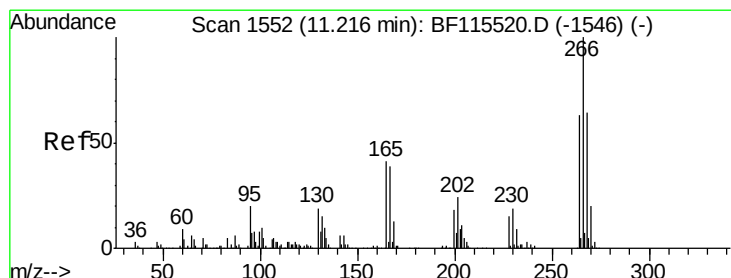
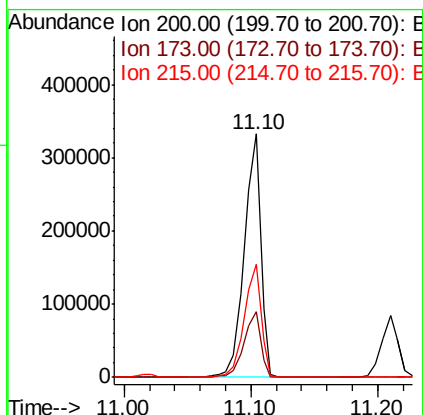
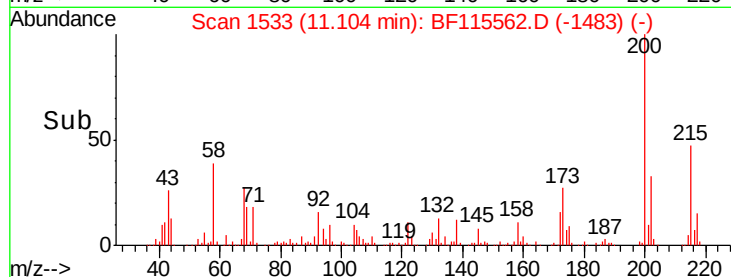
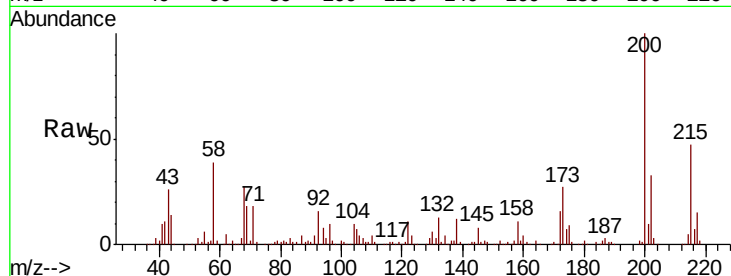
Tot Ion:200 Resp: 300178

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

215 46.6 27.9 67.9



#70

Pentachlorophenol

Concen: 87.606 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

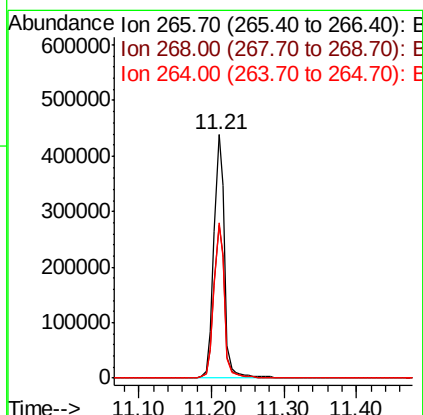
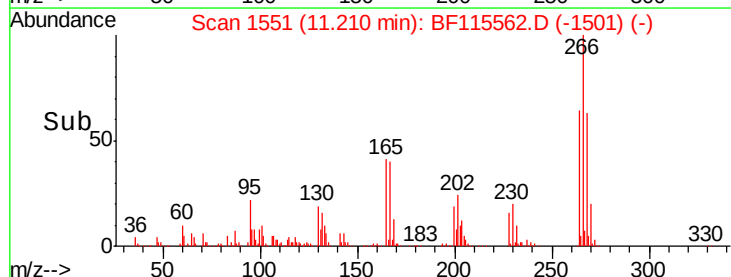
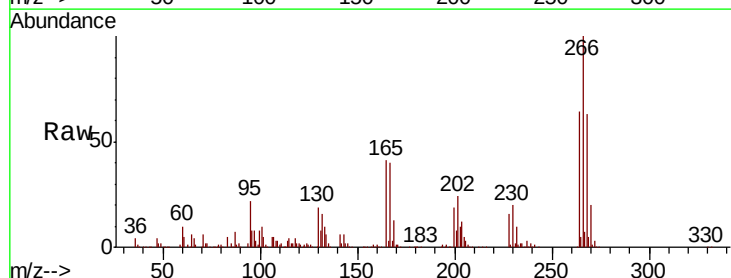
Tgt Ion:266 Resp: 453207

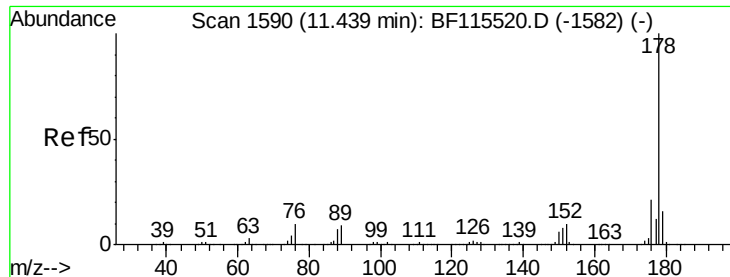
Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

264 63.7 50.6 76.0

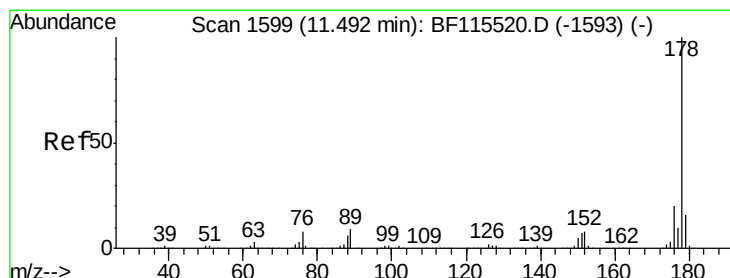
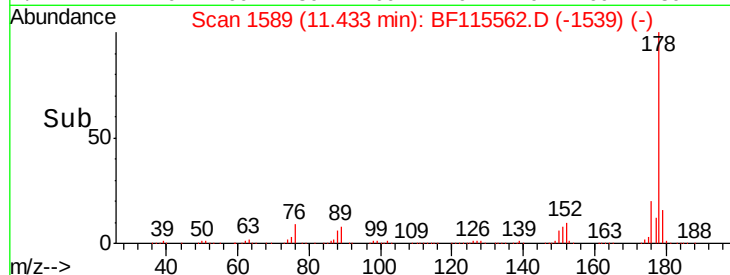
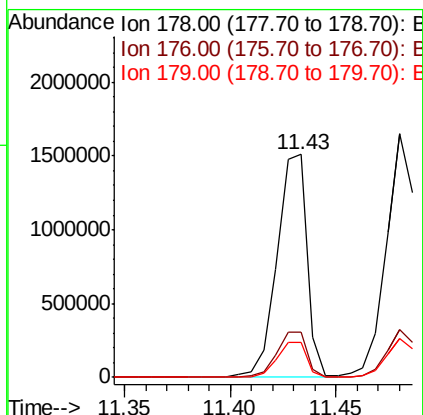
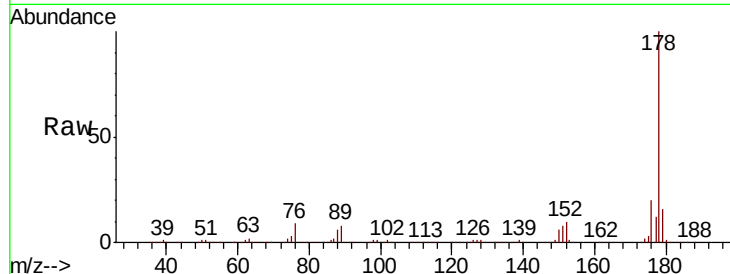




#71
Phenanthrene
Concen: 45.437 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

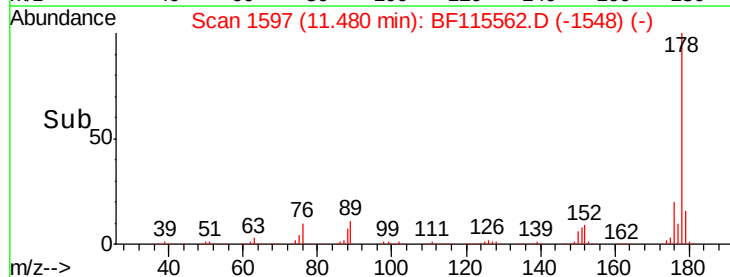
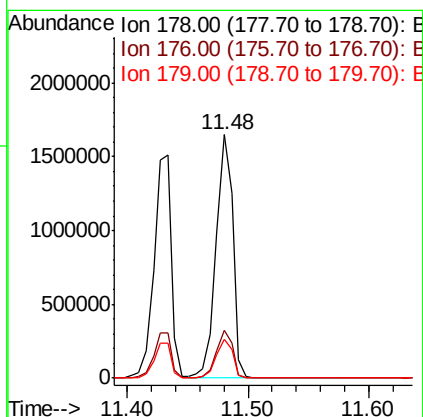
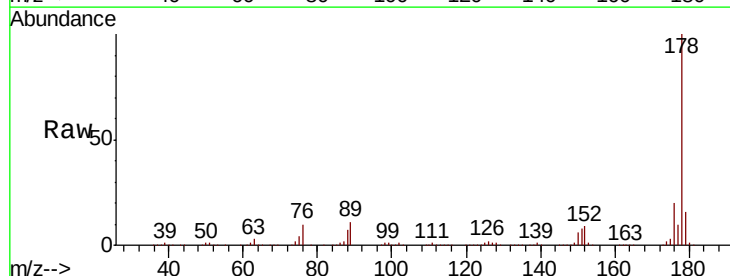
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

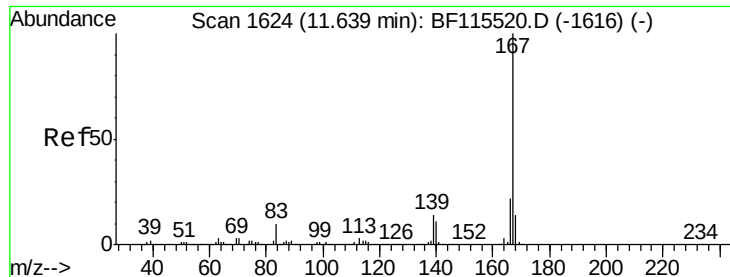
Tot Ion:178 Resp: 1509522
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 45.519 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:178 Resp: 1562841
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.2 12.7 19.1

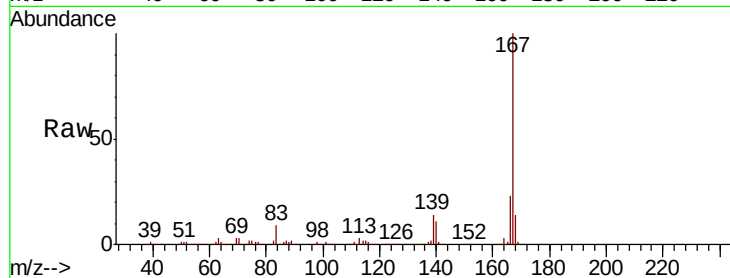




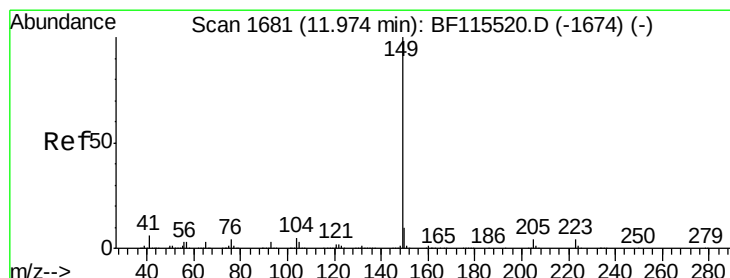
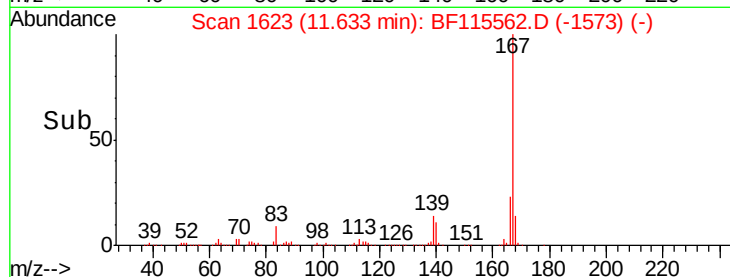
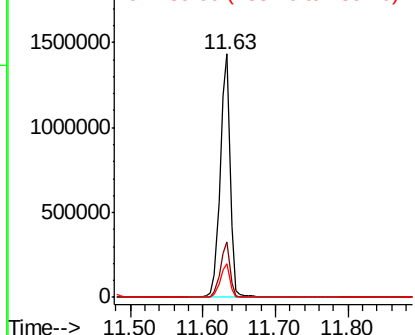
#73
 Carbazole
 Concen: 45.660 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB121222BSD

Tot Ion:167 Resp: 1374728
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.7 11.3 16.9

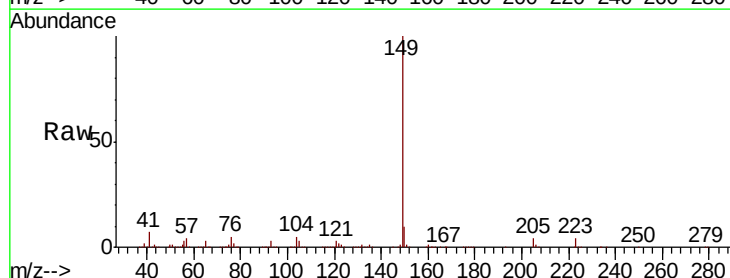


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

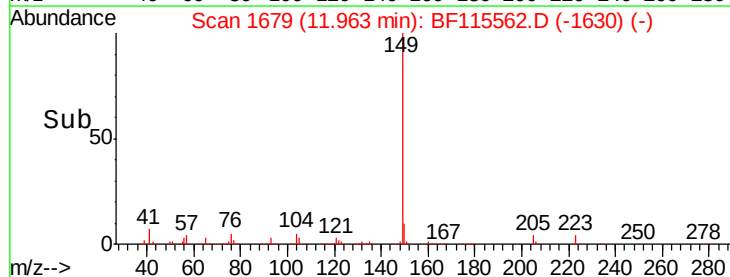
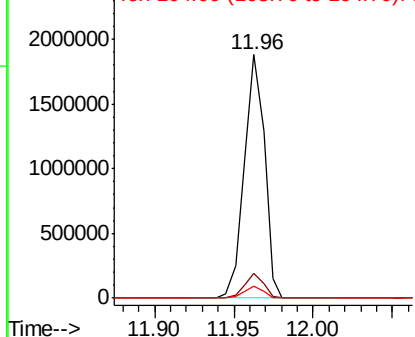


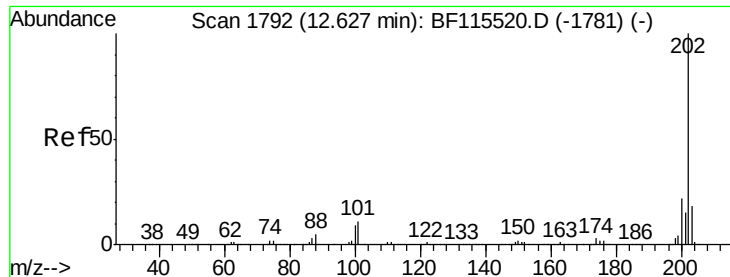
#74
 Di-n-butylphthalate
 Concen: 44.758 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115562.D
 Acq: 15 Jul 2019 17:52

Tgt Ion:149 Resp: 1659896
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

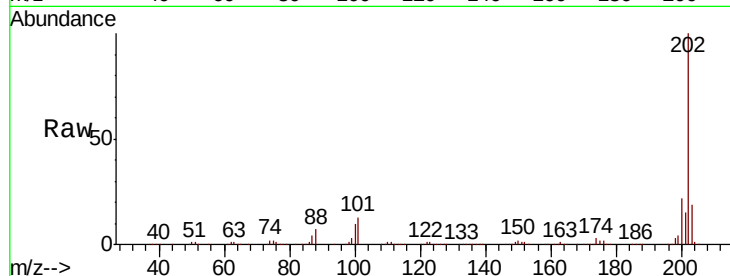




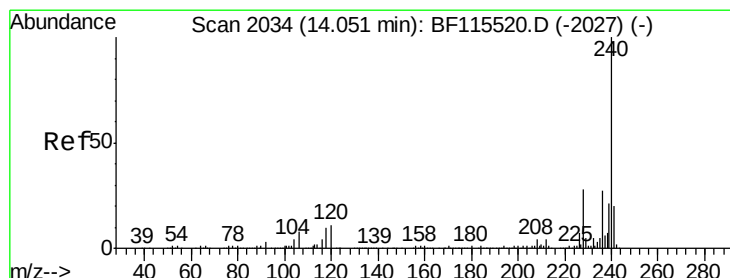
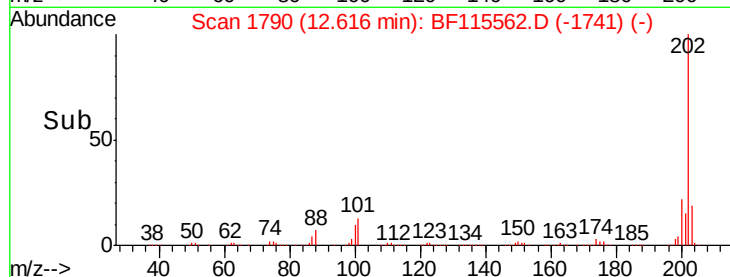
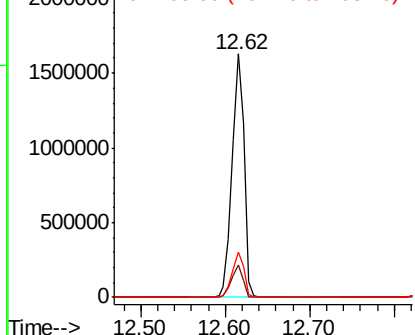
#75
Fluoranthene
Concen: 44.997 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:202 Resp: 1579709
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.6 0.0 38.1

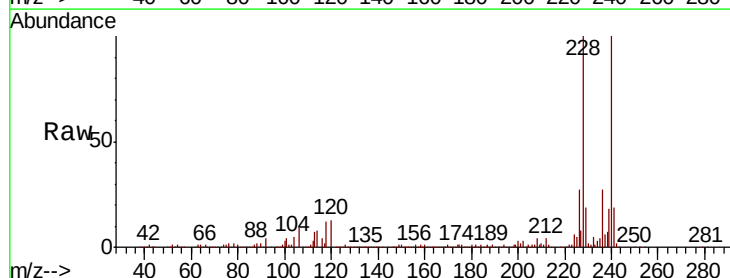


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

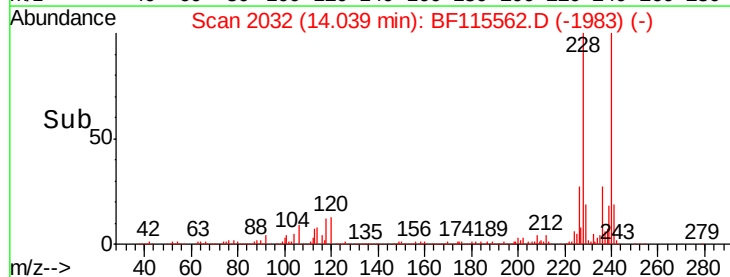
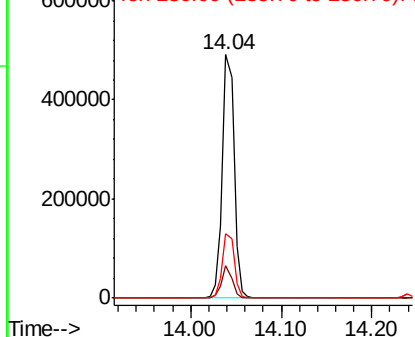


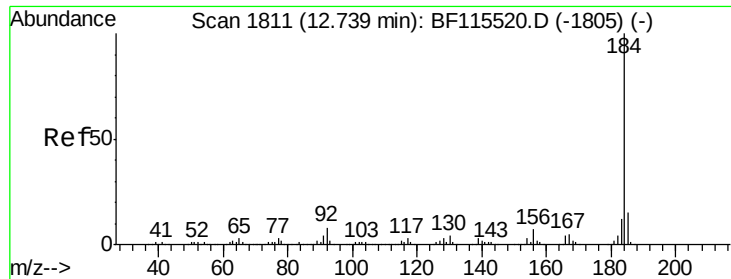
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:240 Resp: 439305
Ion Ratio Lower Upper
240 100
120 13.3 8.6 13.0#
236 26.6 21.3 31.9



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

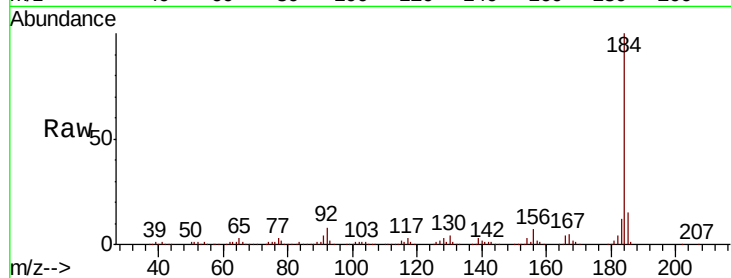




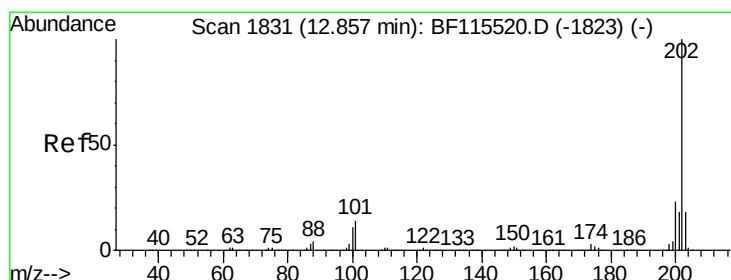
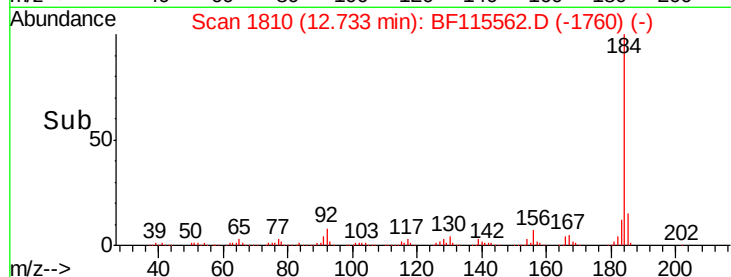
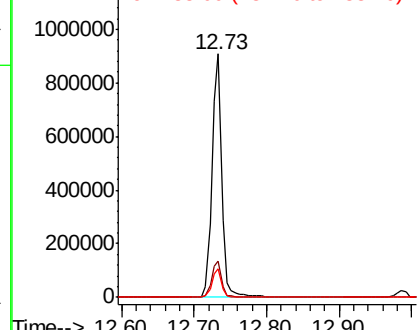
#77
Benzidine
Concen: 55.115 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:184 Resp: 857722
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.7 9.3 13.9

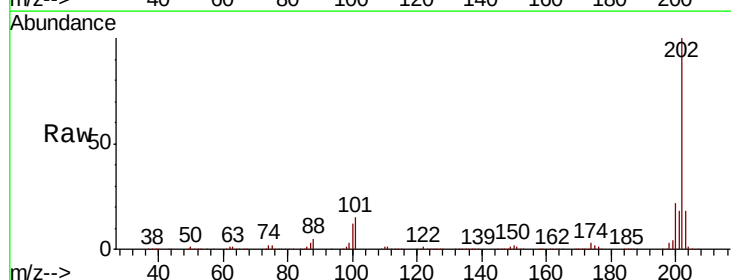


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

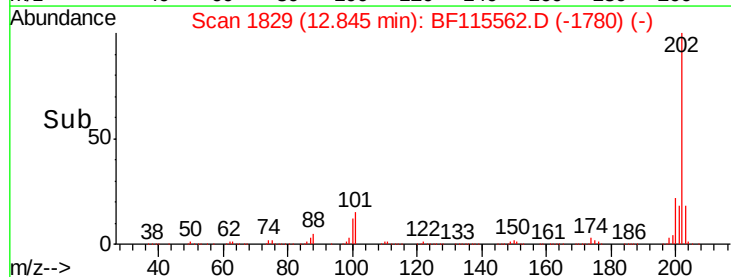
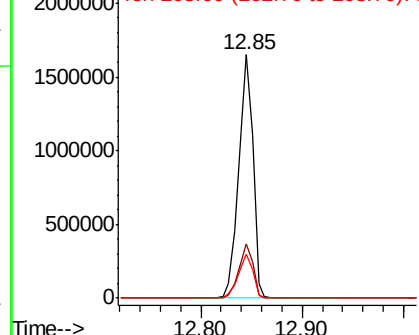


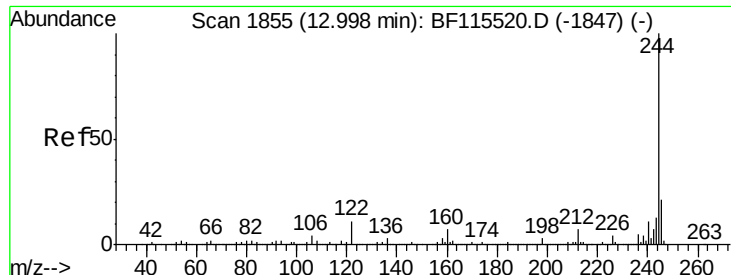
#78
Pyrene
Concen: 43.544 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:202 Resp: 1620684
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 18.1 15.2 22.8



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: 87.002 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

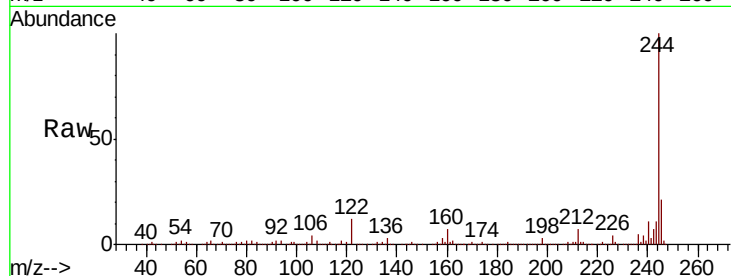
Tot Ion:244 Resp: 2071374

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 11.7 8.6 12.8

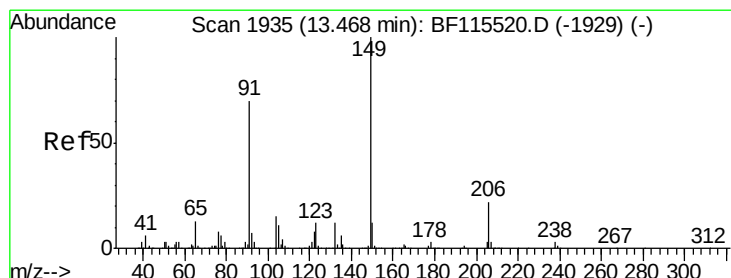
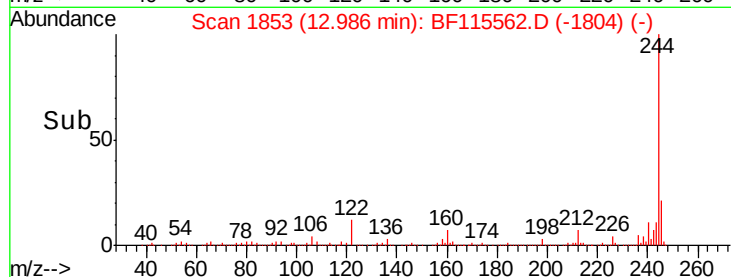
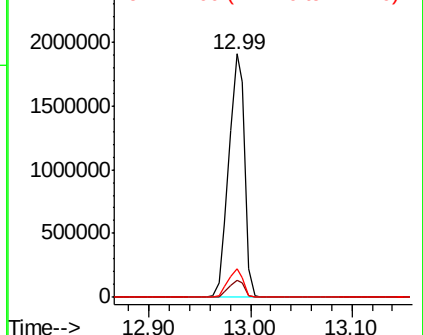


Abundance

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: 43.701 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

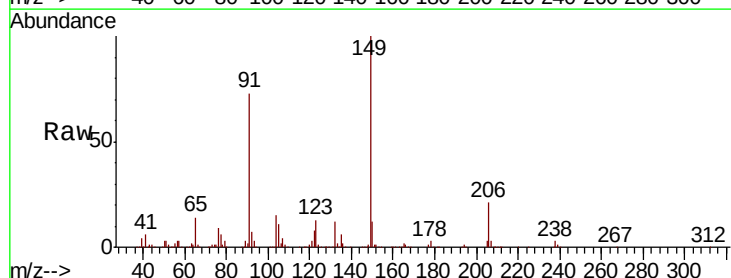
Tgt Ion:149 Resp: 693378

Ion Ratio Lower Upper

149 100

91 72.6 55.8 83.8

206 20.6 18.2 27.2

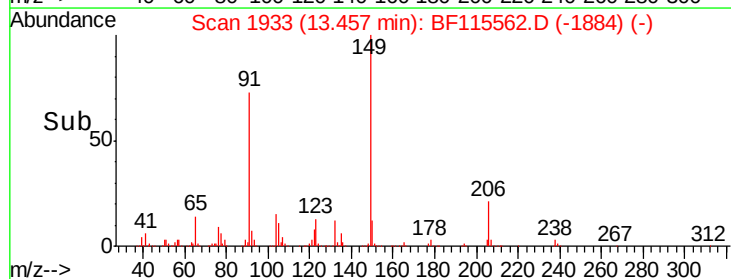
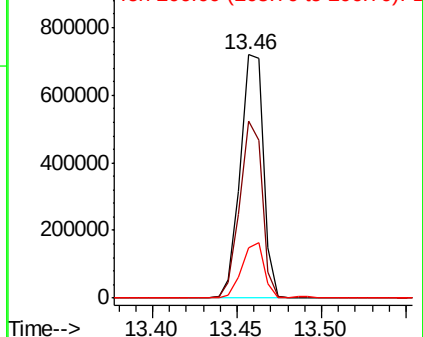


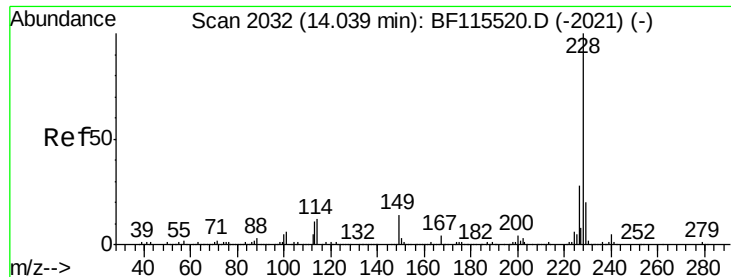
Abundance

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

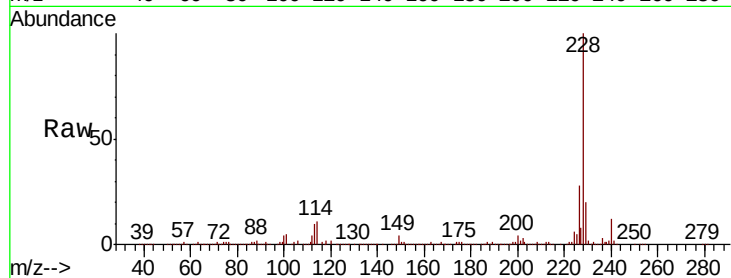




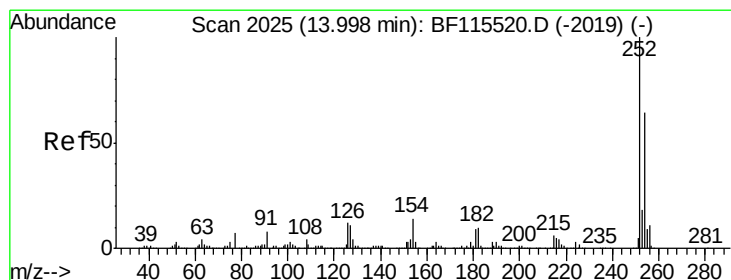
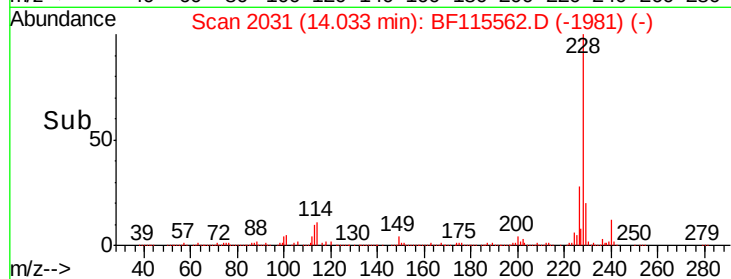
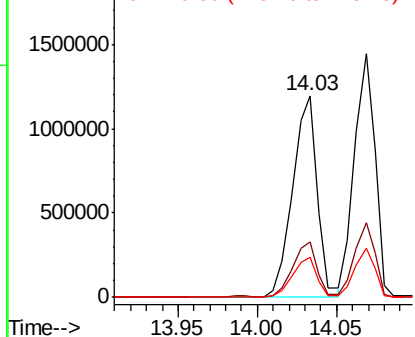
#81
Benzo(a)anthracene
Concen: 44.743 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:228 Resp: 1294928
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.0
229 19.9 17.2 25.8

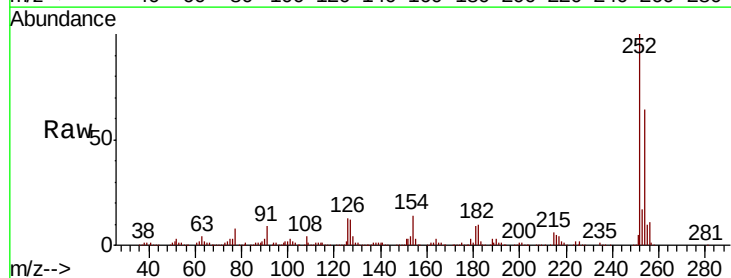


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

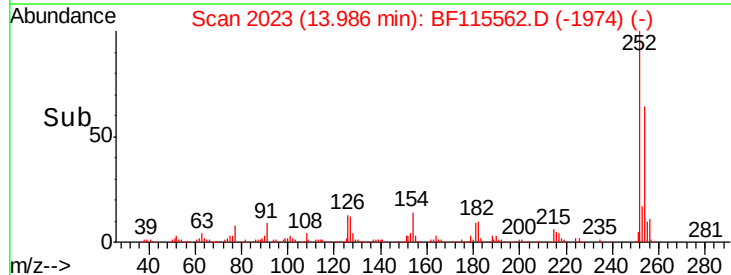
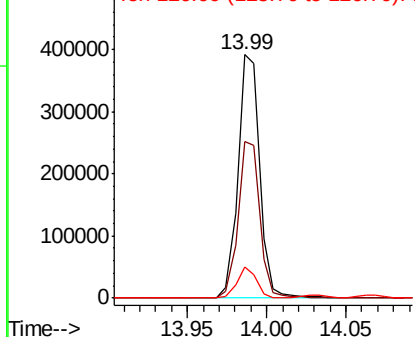


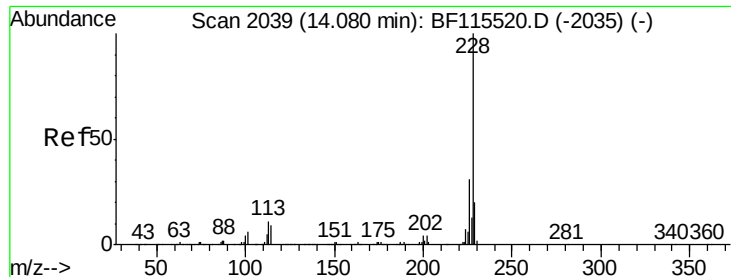
#82
3,3'-Dichlorobenzidine
Concen: 36.299 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:252 Resp: 373468
Ion Ratio Lower Upper
252 100
254 64.2 52.9 79.3
126 12.6 9.9 14.9



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





#83

Chrysene

Concen: 45.602 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

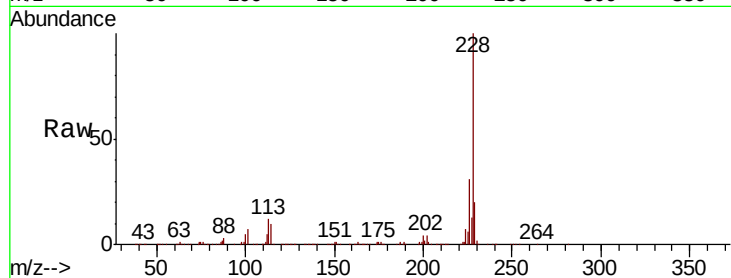
Tot Ion:228 Resp: 1324885

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

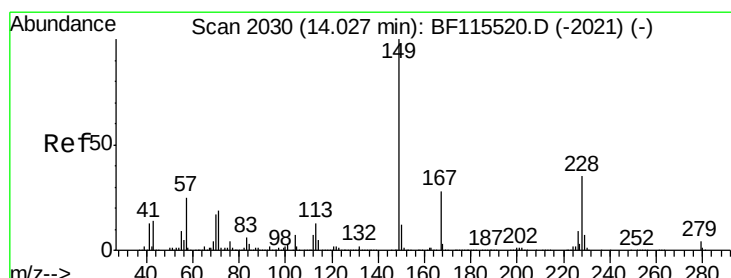
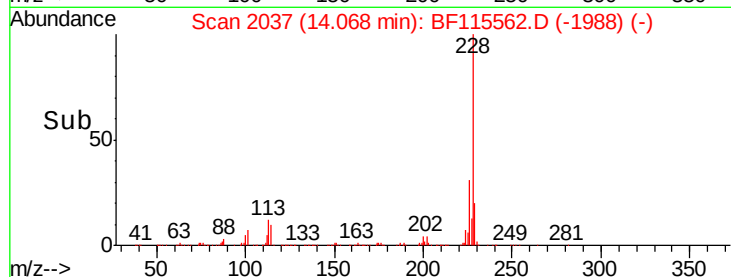
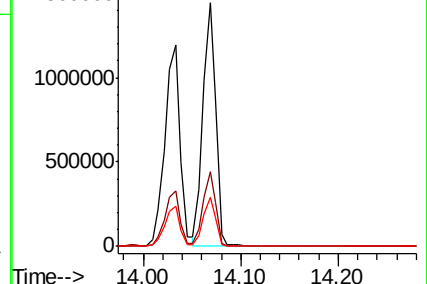
229 20.1 16.6 25.0



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: 44.735 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

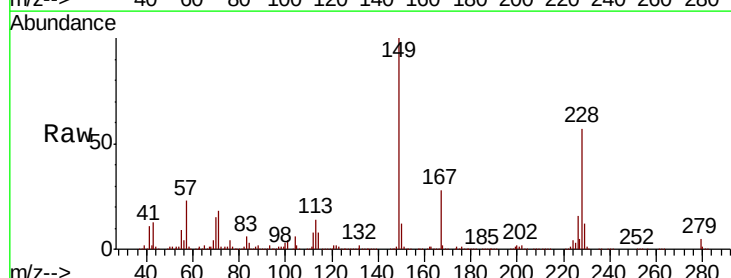
Tgt Ion:149 Resp: 879194

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

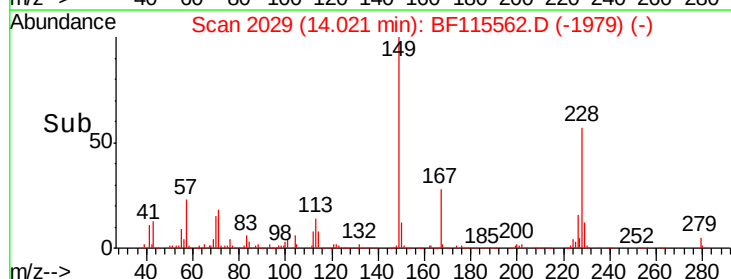
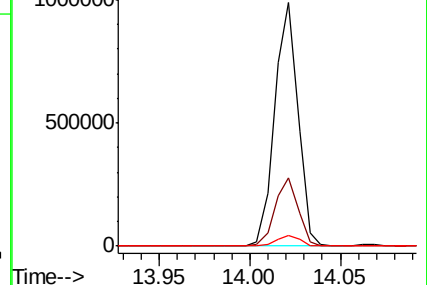
279 4.6 4.2 6.2

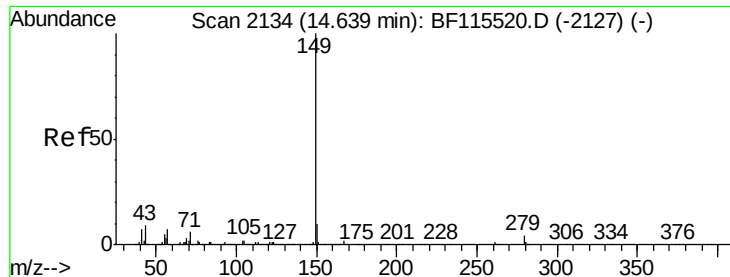


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.265 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

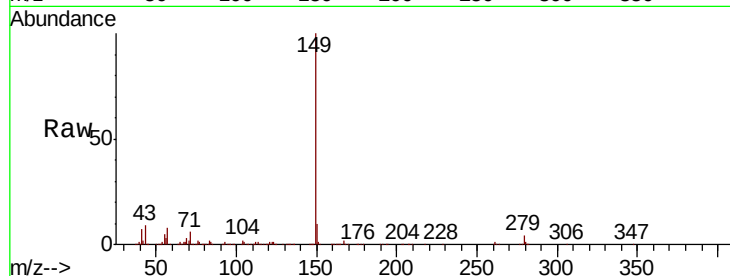
Tot Ion:149 Resp: 1509268

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

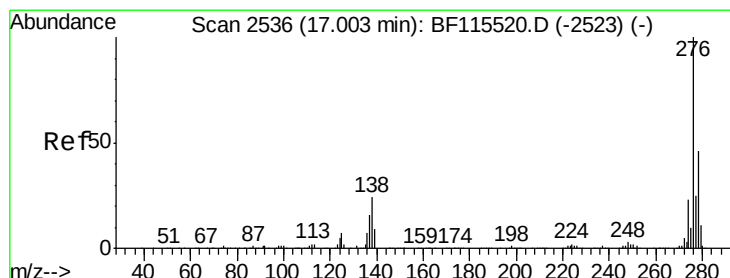
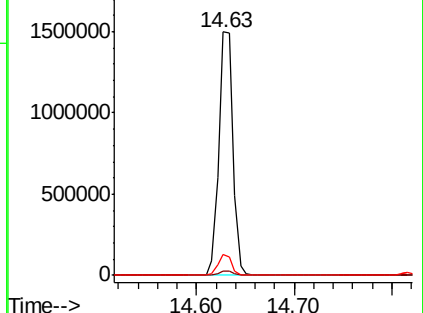
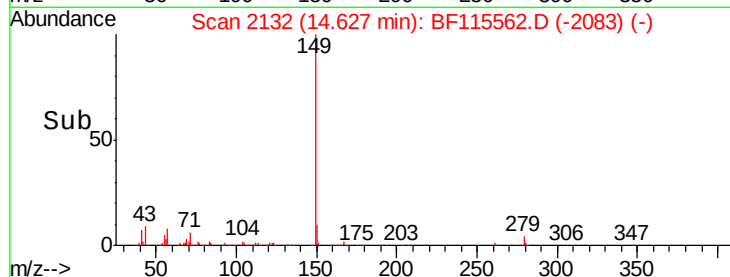
43 8.3 7.2 10.8



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: 46.697 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

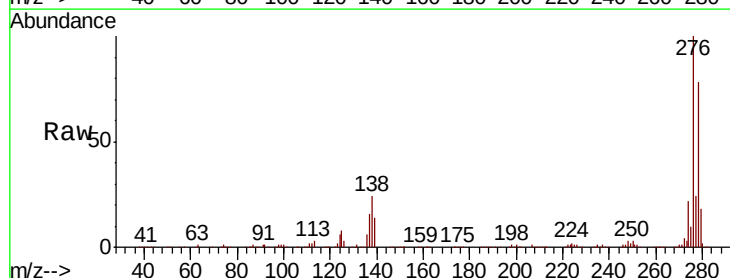
Tgt Ion:276 Resp: 1152641

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

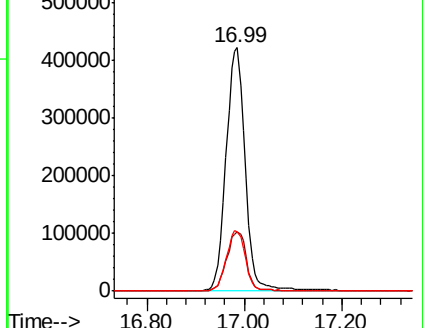
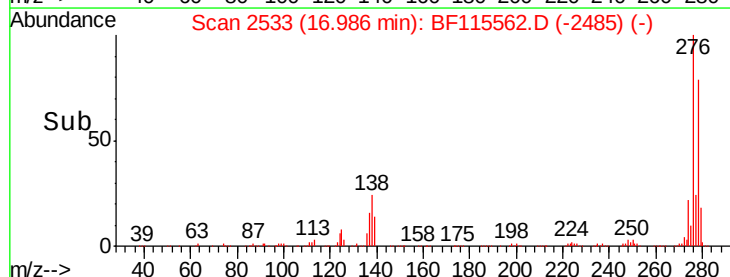
277 24.8 20.4 30.6

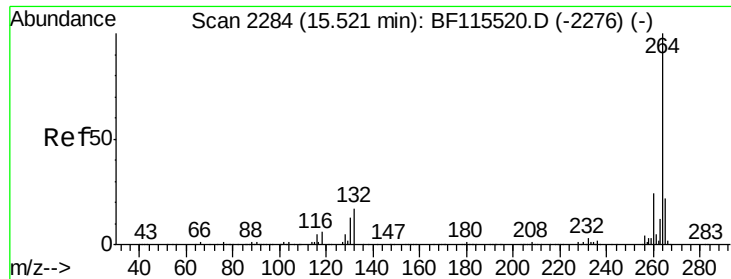


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



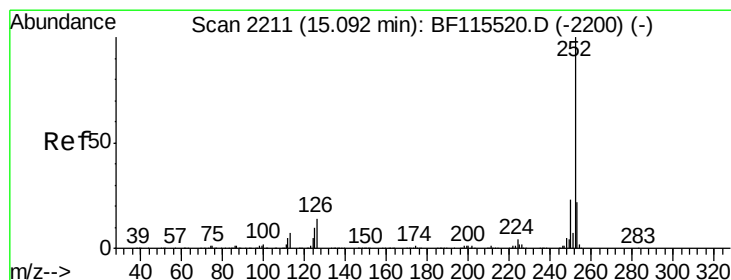
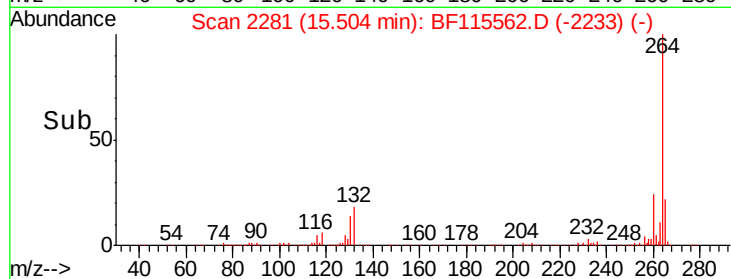
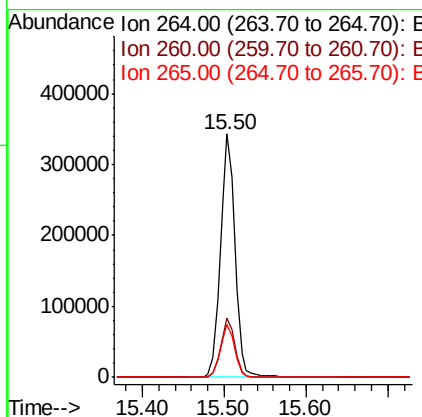
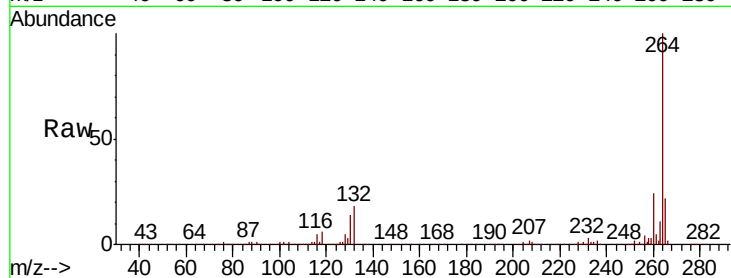


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Instrument :
BNA_F
ClientSampleId :
PB121222BSD

Tot Ion:264 Resp: 427333

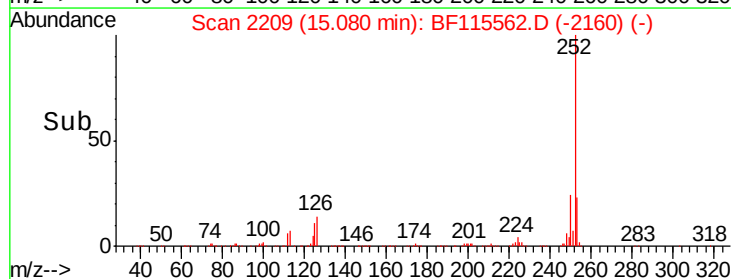
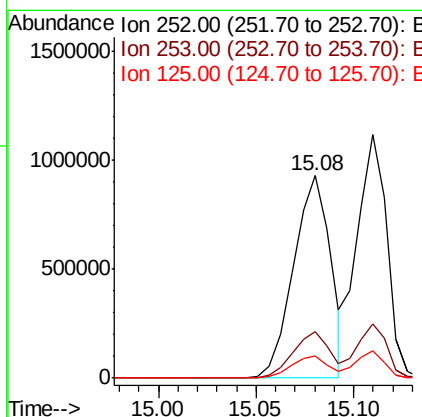
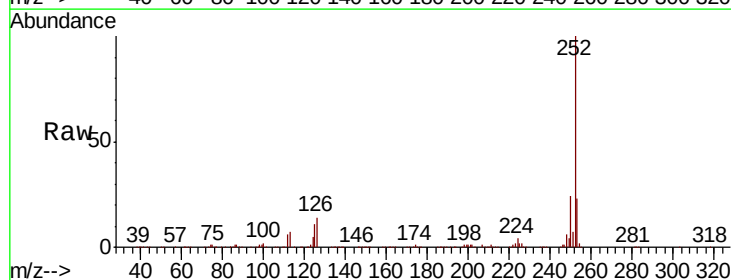
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.0	17.7	26.5

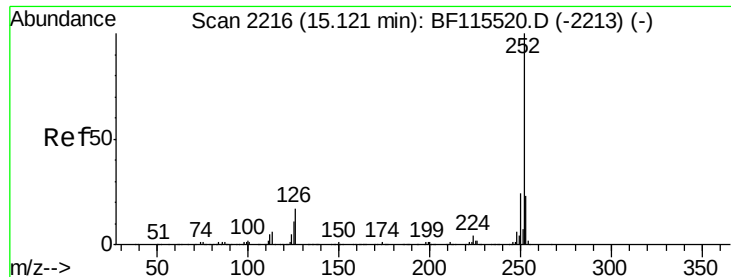


#88
Benzo(b)fluoranthene
Concen: 44.275 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:252 Resp: 1218299

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.1	9.0	13.4

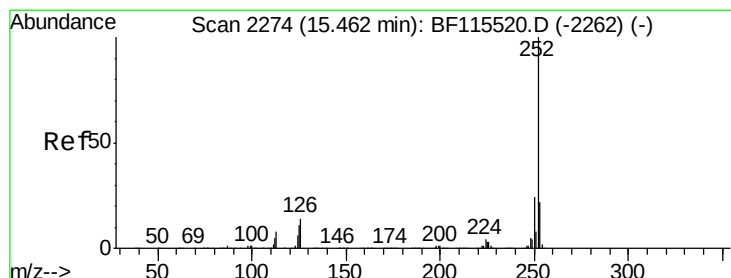
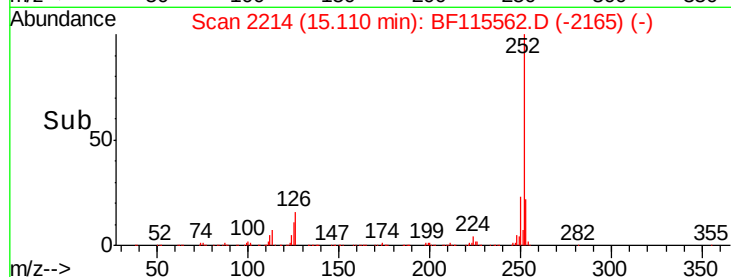
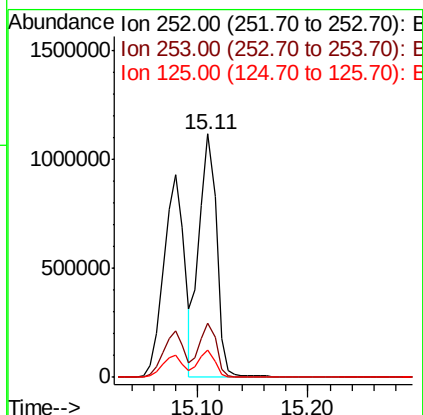
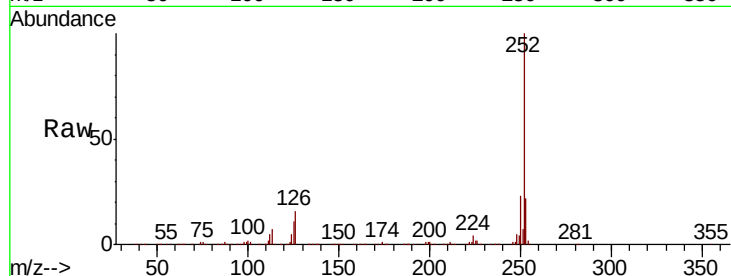




#89
Benzo(k)fluoranthene
Concen: 48.881 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

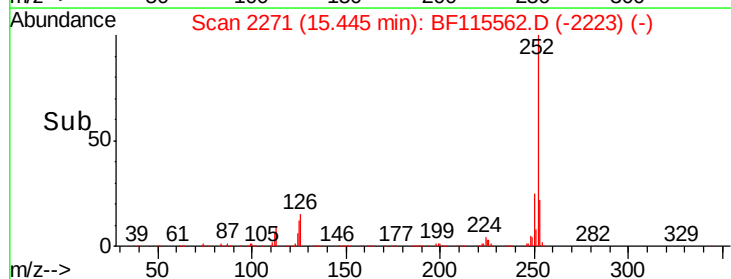
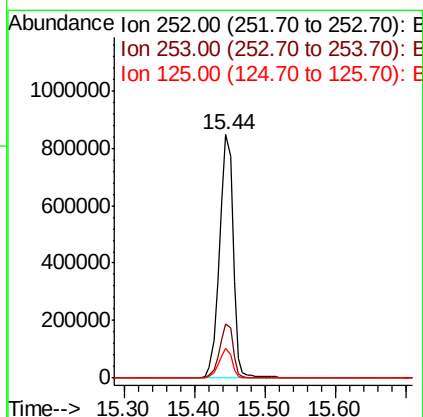
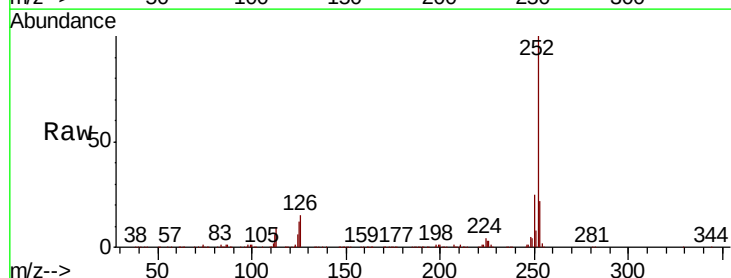
Instrument :
BNA_F
ClientSampleId :
PB121222BSD

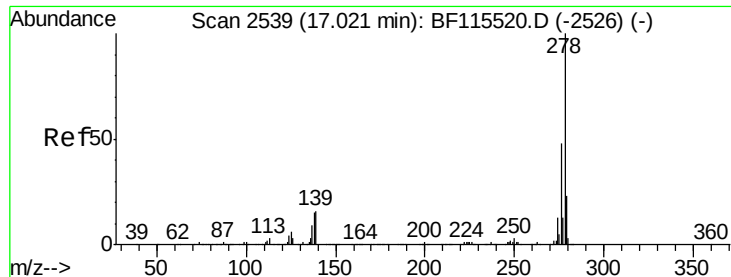
Tot Ion:252 Resp: 1199181
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 11.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 48.160 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115562.D
Acq: 15 Jul 2019 17:52

Tgt Ion:252 Resp: 1138991
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 46.236 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

Instrument :

BNA_F

ClientSampleId :

PB121222BSD

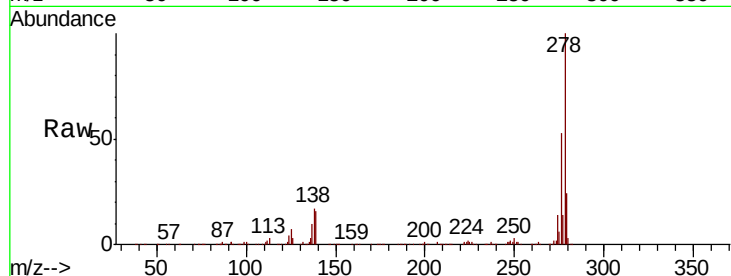
Tot Ion:278 Resp: 959993

Ion Ratio Lower Upper

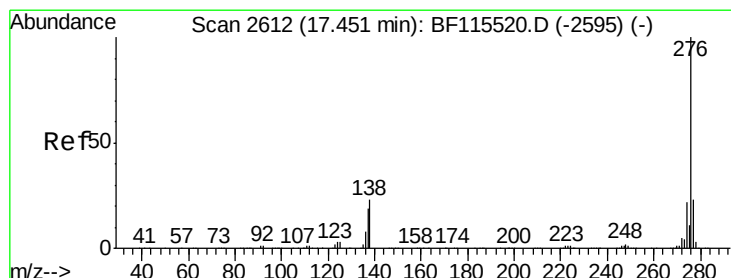
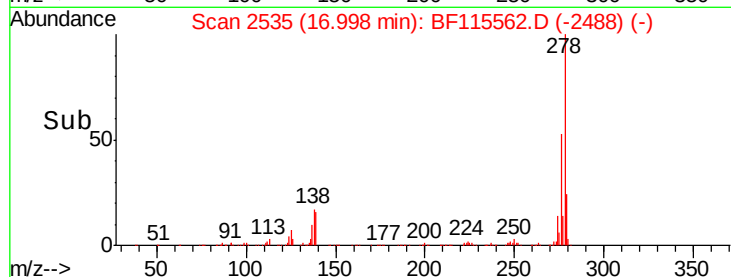
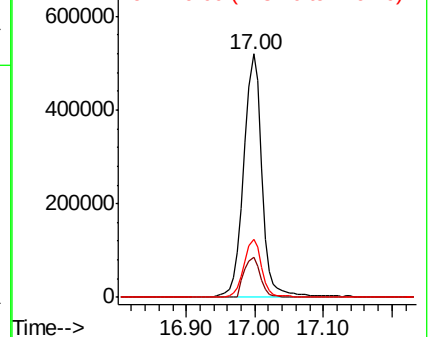
278 100

139 16.4 13.1 19.7

279 24.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.540 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115562.D

Acq: 15 Jul 2019 17:52

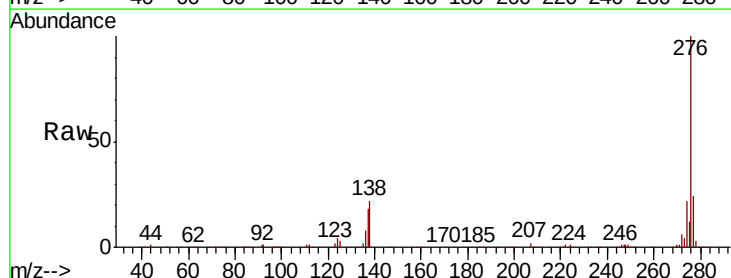
Tgt Ion:276 Resp: 901595

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.7 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

