

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115558.D
 Acq On : 15 Jul 2019 16:05
 Operator : HP/JU
 Sample : PB121261BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:37:00 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	172823	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	684926	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	344300	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	660905	20.00	ng	0.00
76) Chrysene-d12	14.04	240	418560	20.00	ng	-0.01
87) Perylene-d12	15.50	264	396002	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1348227	127.61	ng	0.01
7) Phenol-d6	6.52	99	1700916	126.87	ng	0.00
23) Nitrobenzene-d5	7.45	82	1099361	93.33	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	546299	135.94	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2064031	104.93	ng	-0.01
79) Terphenyl-d14	12.99	244	2068778	91.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	219785	41.702	ng	99
3) Pyridine	3.53	79	580062	40.567	ng	99
4) n-Nitrosodimethylamine	3.48	42	222951	42.980	ng	98
6) Aniline	6.55	93	627926	33.656	ng	98
8) 2-Chlorophenol	6.67	128	545333	44.892	ng	99
9) Benzaldehyde	6.43	77	388789	46.407	ng	99
10) Phenol	6.53	94	672701	43.224	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	517220	43.651	ng	100
12) 1,3-Dichlorobenzene	6.83	146	593592	43.462	ng	98
13) 1,4-Dichlorobenzene	6.90	146	603306	44.273	ng	98
14) 1,2-Dichlorobenzene	7.06	146	556480	44.672	ng	96
15) Benzyl Alcohol	7.02	79	489906	46.065	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	687784	44.089	ng	98
17) 2-Methylphenol	7.13	107	475800	45.450	ng	99
18) Hexachloroethane	7.40	117	222444	43.979	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	381946	43.683	ng	99
20) 3+4-Methylphenols	7.29	107	557164	44.807	ng	92
22) Acetophenone	7.29	105	741660	47.931	ng	100
24) Nitrobenzene	7.46	77	603585	47.508	ng	99
25) Isophorone	7.70	82	1108174	47.015	ng	99
26) 2-Nitrophenol	7.77	139	320669	49.036	ng	99
27) 2,4-Dimethylphenol	7.82	122	530933	54.262	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	686330	47.464	ng	99
29) 2,4-Dichlorophenol	8.02	162	499480	49.084	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	541708	47.094	ng	99
31) Naphthalene	8.19	128	1625947	49.017	ng	97
32) Benzoic acid	7.95	122	374314	46.615	ng	97
33) 4-Chloroaniline	8.23	127	428806	29.184	ng	98
34) Hexachlorobutadiene	8.31	225	303548	46.018	ng	99
35) Caprolactam	8.60	113	85581	27.216	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	513729	48.669	ng	99
37) 2-Methylnaphthalene	8.88	142	1101457	50.093	ng	97
38) 1-Methylnaphthalene	8.97	142	1025547	49.104	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	491578	47.413	ng	97

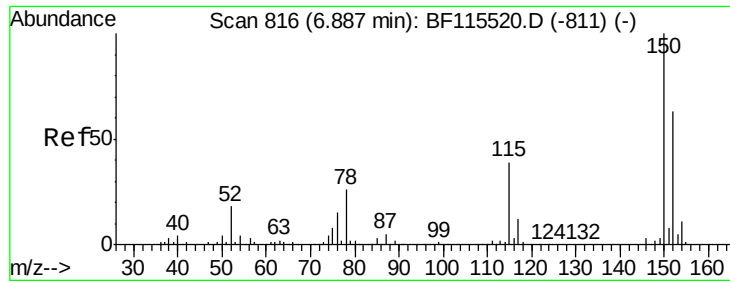
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	495562	83.790	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	366995	48.403	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	370535	47.719	ng	98
46) 1,1'-Biphenyl	9.34	154	1307864	48.589	ng	98
47) 2-Chloronaphthalene	9.37	162	1050621	46.876	ng	97
48) 2-Nitroaniline	9.46	65	311907	44.963	ng	96
49) Acenaphthylene	9.78	152	1595354	48.039	ng	98
50) Dimethylphthalate	9.65	163	1218214	47.028	ng	98
51) 2,6-Dinitrotoluene	9.70	165	286250	48.625	ng	99
52) Acenaphthene	9.96	154	1109458	51.745	ng	99
53) 3-Nitroaniline	9.87	138	217355	32.310	ng	92
54) 2,4-Dinitrophenol	9.97	184	308471	102.061	ng	98
55) Dibenzofuran	10.13	168	1427886	46.895	ng	100
56) 4-Nitrophenol	10.03	139	514214	100.239	ng	97
57) 2,4-Dinitrotoluene	10.10	165	374407	49.091	ng	97
58) Fluorene	10.47	166	1057005	48.559	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	313211	48.253	ng	99
60) Diethylphthalate	10.35	149	1162060	47.879	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	541496	44.859	ng	94
62) 4-Nitroaniline	10.49	138	300710	46.601	ng	99
63) Azobenzene	10.62	77	1134925	48.209	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	205002	50.769	ng	92
66) n-Nitrosodiphenylamine	10.58	169	982333	47.783	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	351115	46.489	ng	96
68) Hexachlorobenzene	11.02	284	392901	45.554	ng	97
69) Atrazine	11.10	200	313773	46.524	ng	99
70) Pentachlorophenol	11.21	266	474790	90.003	ng	99
71) Phenanthrene	11.43	178	1590633	46.953	ng	98
72) Anthracene	11.48	178	1656695	47.319	ng	99
73) Carbazole	11.63	167	1455334	47.402	ng	99
74) Di-n-butylphthalate	11.96	149	1680509	44.437	ng	99
75) Fluoranthene	12.62	202	1605485	44.847	ng	98
77) Benzidine	12.73	184	830511	56.011	ng	99
78) Pyrene	12.84	202	1604207	45.237	ng	98
80) Butylbenzylphthalate	13.46	149	688104	45.518	ng	96
81) Benzo(a)anthracene	14.03	228	1277340	46.323	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	378476	38.609	ng	# 97
83) Chrysene	14.07	228	1291270	46.648	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	857876	45.813	ng	99
85) Di-n-octyl phthalate	14.63	149	1545246	51.864	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1082673	46.037	ng	100
88) Benzo(b)fluoranthene	15.08	252	1208370	47.388	ng	99
89) Benzo(k)fluoranthene	15.11	252	1206948	53.090	ng	98
90) Benzo(a)pyrene	15.45	252	1092080	49.829	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	915464	47.580	ng	98
92) Benzo(g,h,i)perylene	17.43	276	863918	45.022	ng	99

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

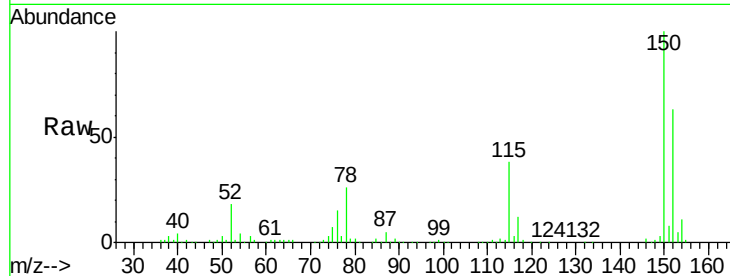


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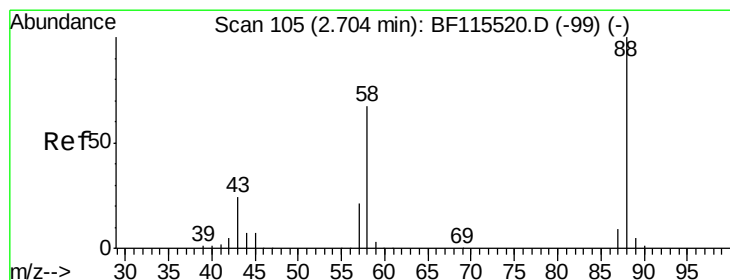
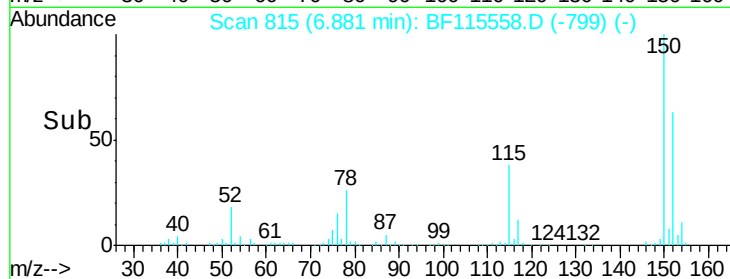
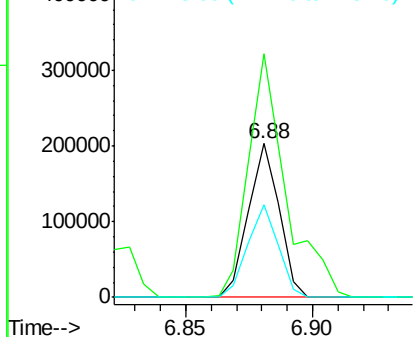
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172823
Ion Ratio Lower Upper
152 100
150 158.3 129.7 194.5
115 60.6 48.2 72.4



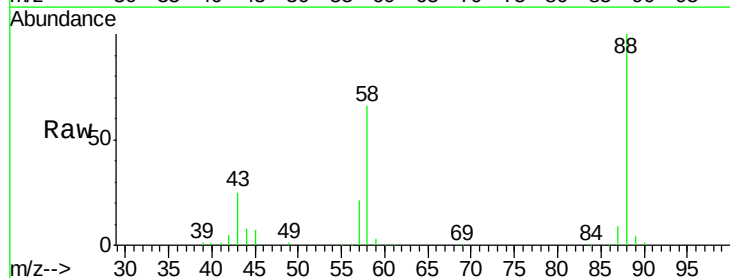
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



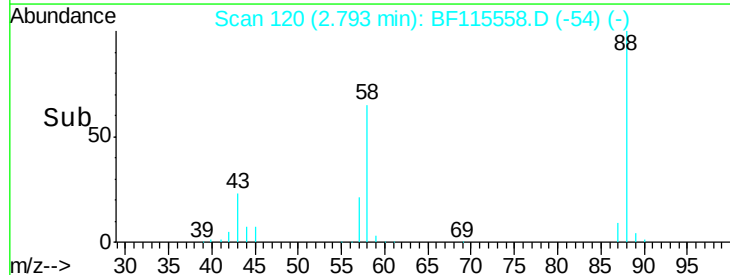
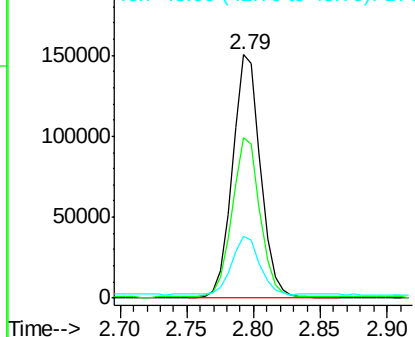
#2

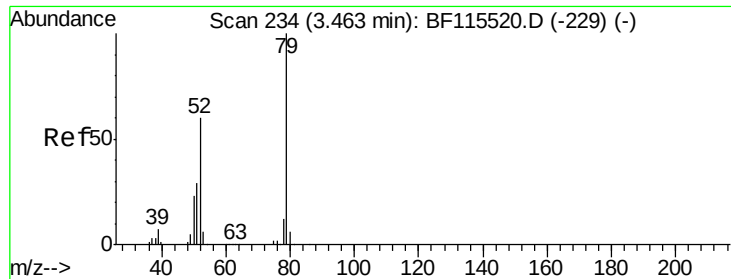
1,4-Dioxane
Concen: 41.702 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion: 88 Resp: 219785
Ion Ratio Lower Upper
88 100
58 65.5 52.6 79.0
43 24.4 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: 40.567 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

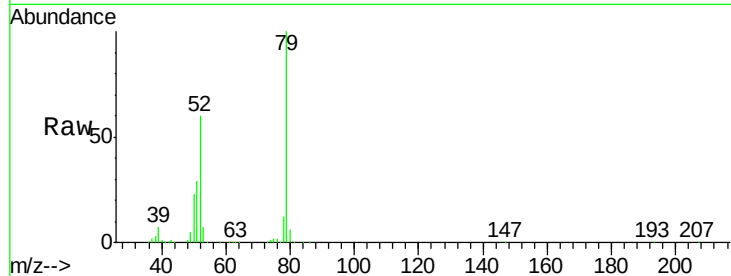
Tot Ion: 79 Resp: 580062

Ion Ratio Lower Upper

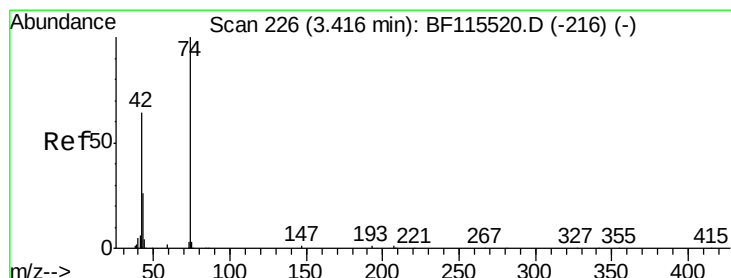
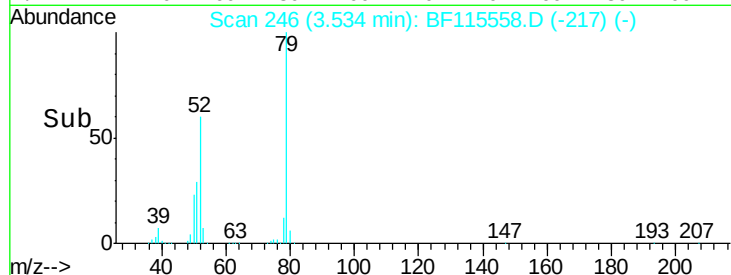
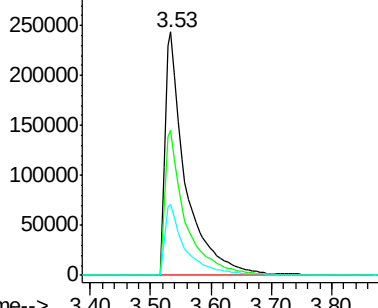
79 100

52 59.5 47.8 71.6

51 29.2 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: 42.980 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

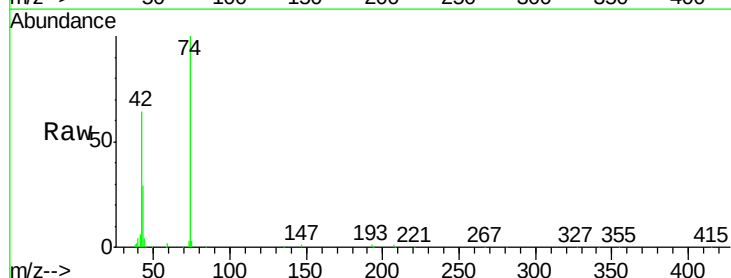
Tgt Ion: 42 Resp: 222951

Ion Ratio Lower Upper

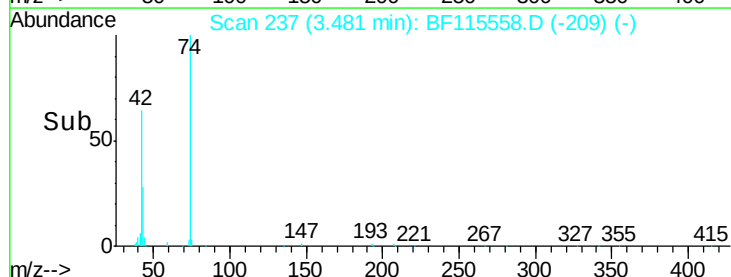
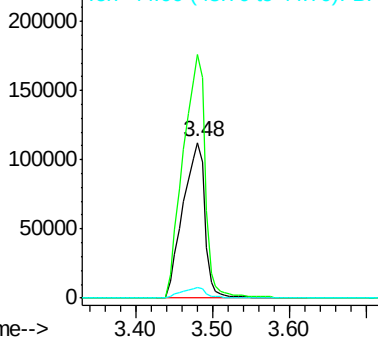
42 100

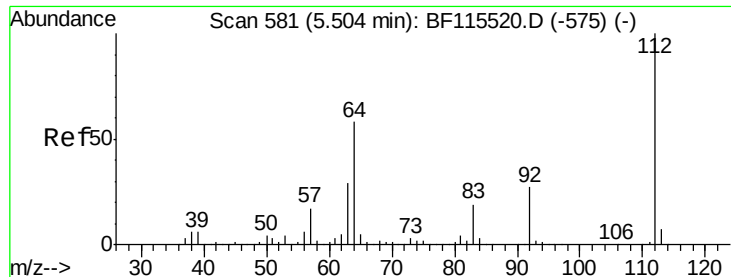
74 156.5 127.5 191.3

44 6.7 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: 127.605 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

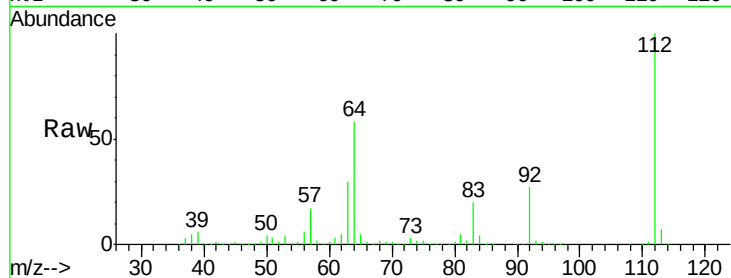
Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 1348227

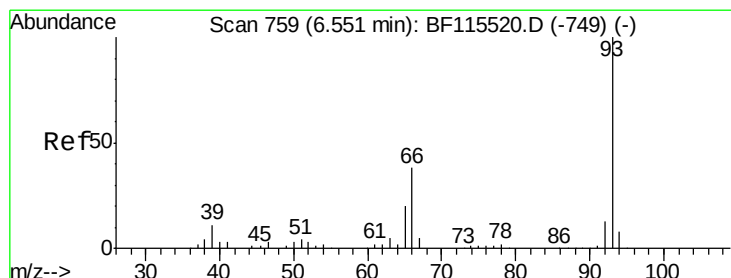
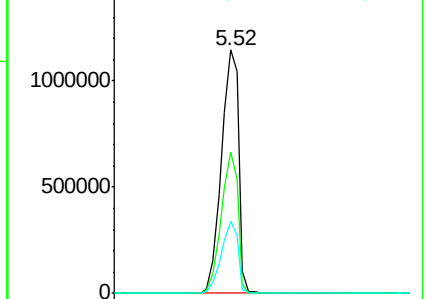
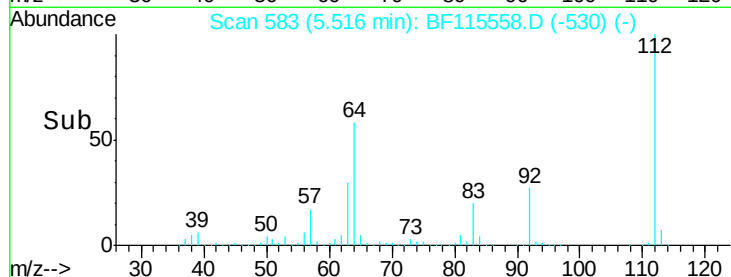
Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.8	70.2
63	29.7	24.1	36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.656 ng

RT: 6.55 min Scan# 758

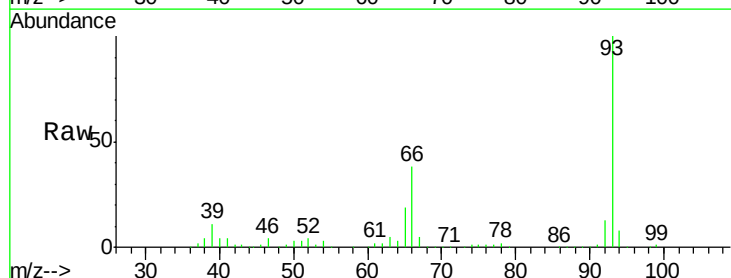
Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Tgt Ion: 93 Resp: 627926

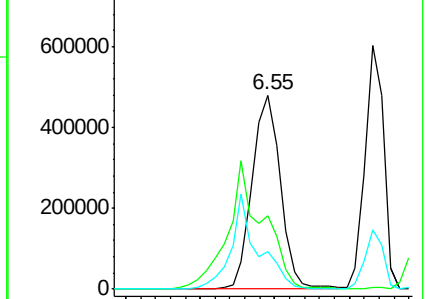
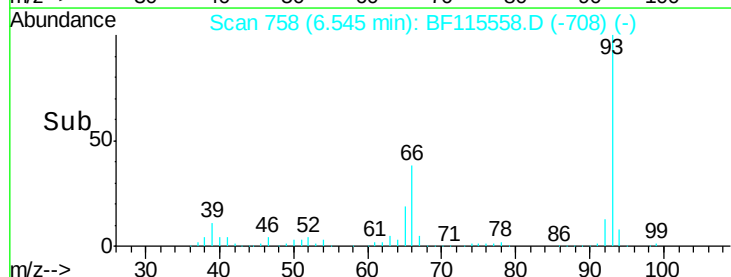
Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.7	47.5
65	19.1	16.2	24.2

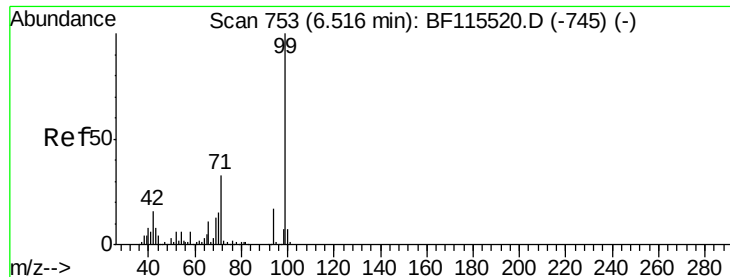


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.872 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

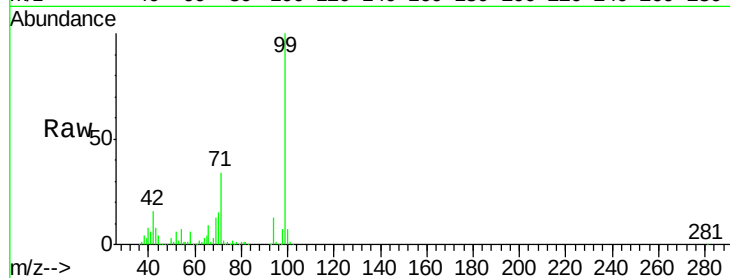
Tot Ion: 99 Resp: 1700916

Ion Ratio Lower Upper

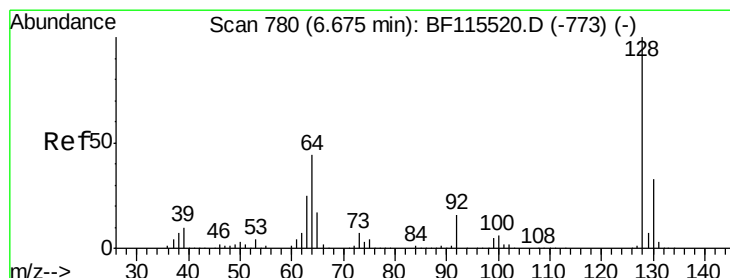
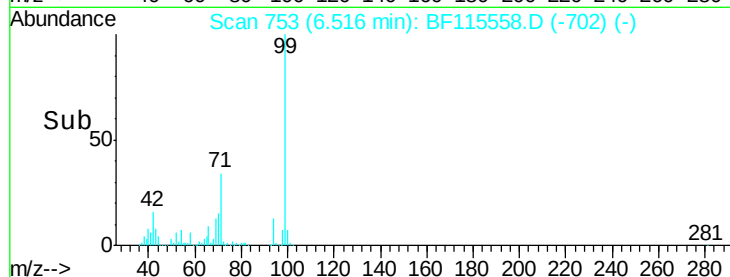
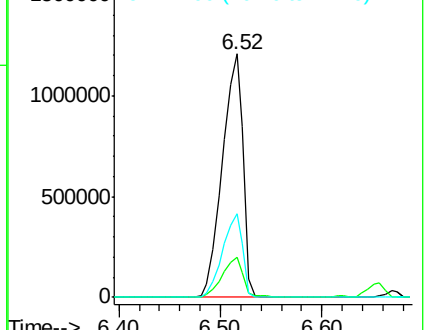
99 100

42 16.3 13.6 20.4

71 34.4 28.5 42.7



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



#8

2-Chlorophenol

Concen: 44.892 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

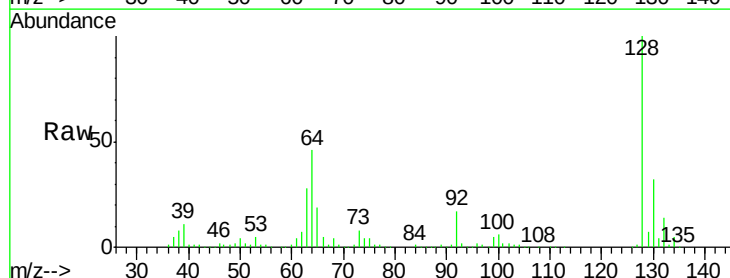
Tgt Ion: 128 Resp: 545333

Ion Ratio Lower Upper

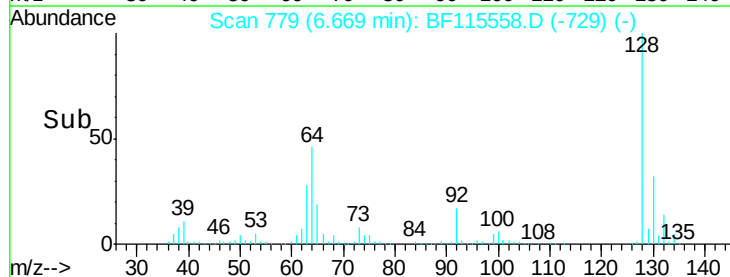
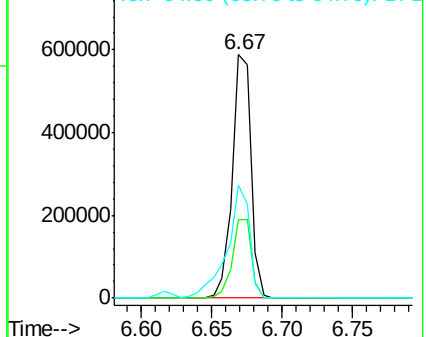
128 100

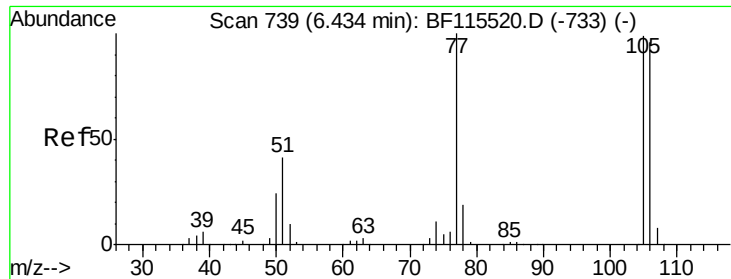
130 32.2 12.8 52.8

64 46.3 26.8 66.8



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

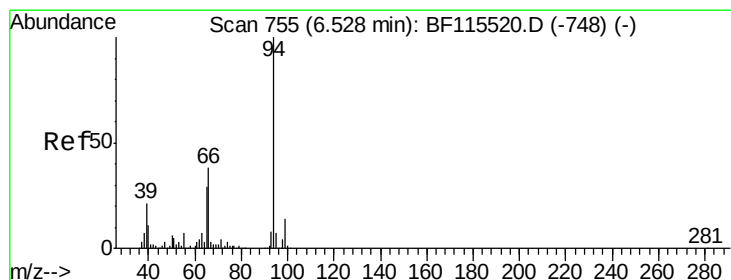
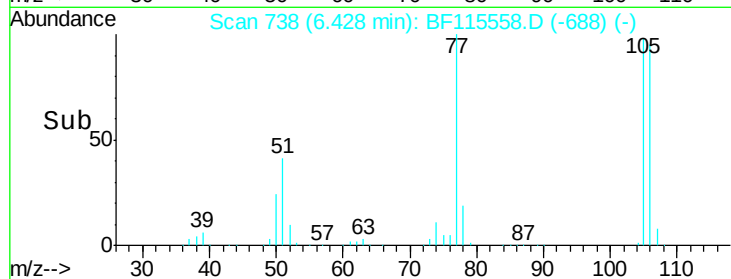
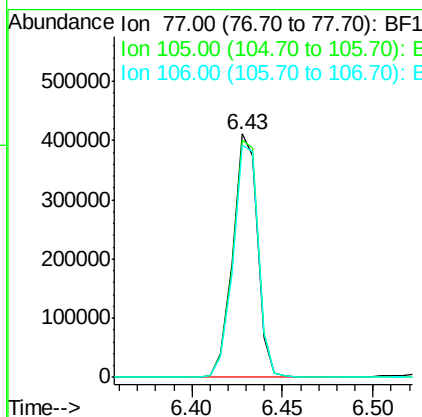
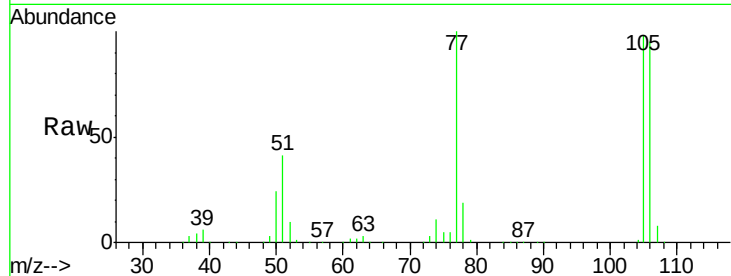




#9
Benzaldehyde
Concen: 46.407 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

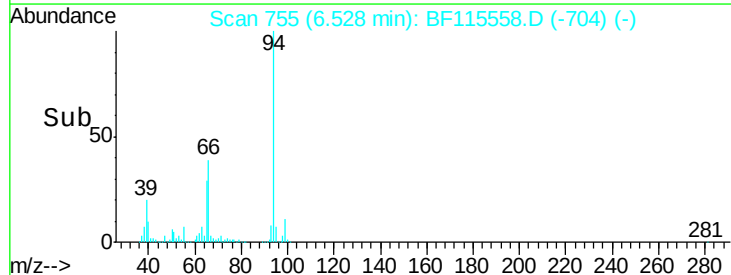
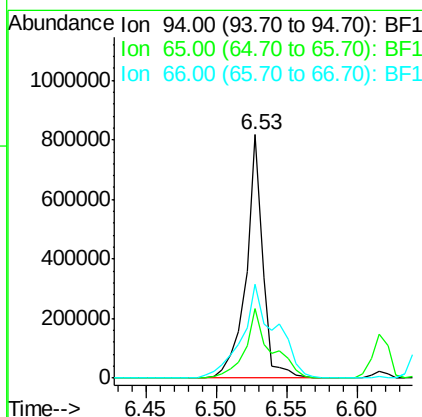
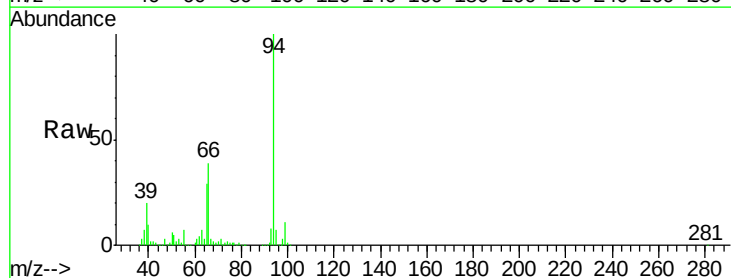
Instrument :
BNA_F
ClientSampleId :

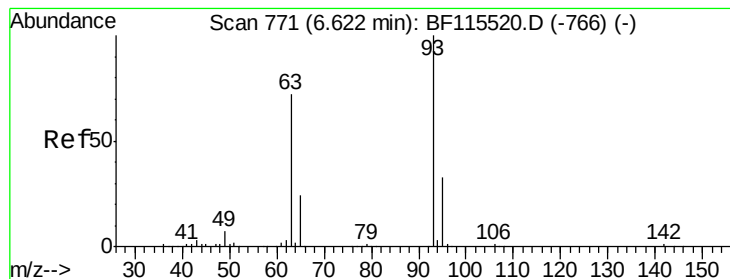
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	78.8	118.8
106	95.1	75.6	115.6



#10
Phenol
Concen: 43.224 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	14.5	54.5
66	38.7	31.3	71.3

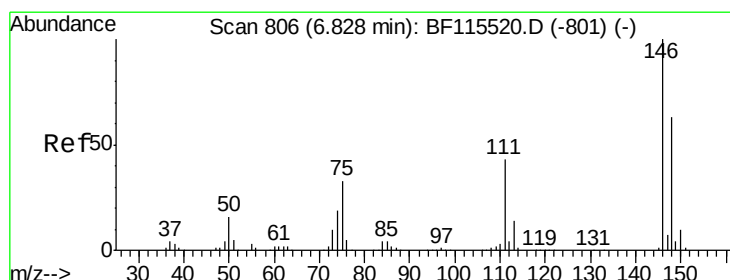
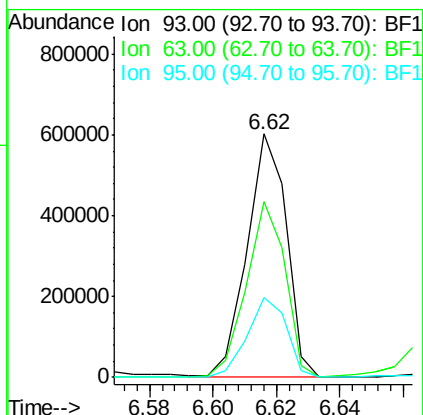
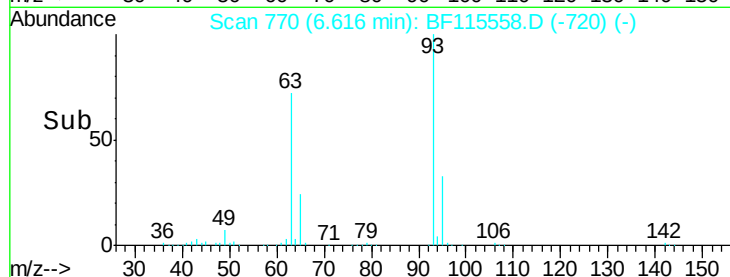
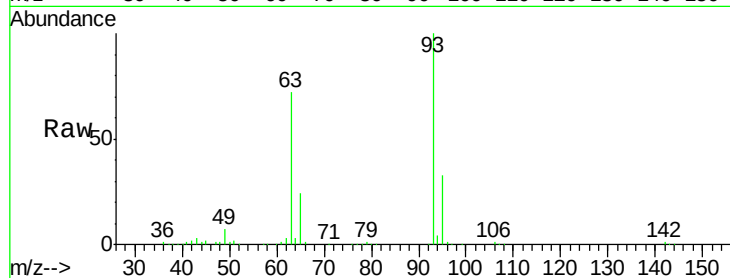




#11
bis(2-Chloroethyl)ether
Concen: 43.651 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

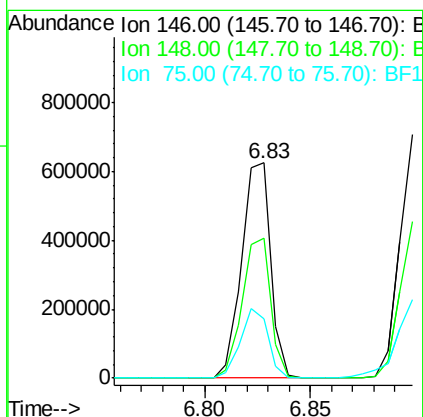
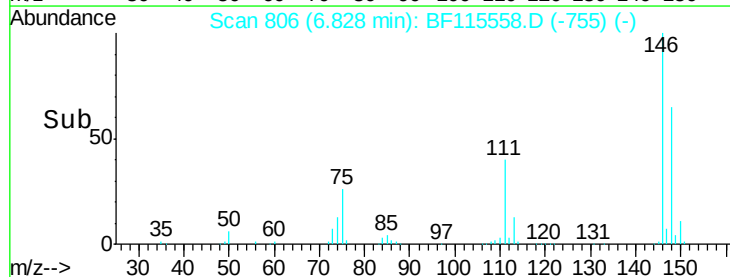
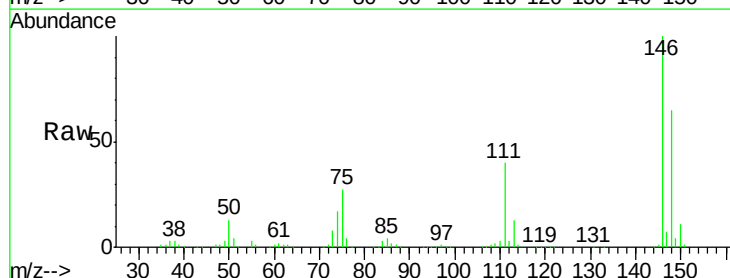
Instrument :
BNA_F
ClientSampleId :

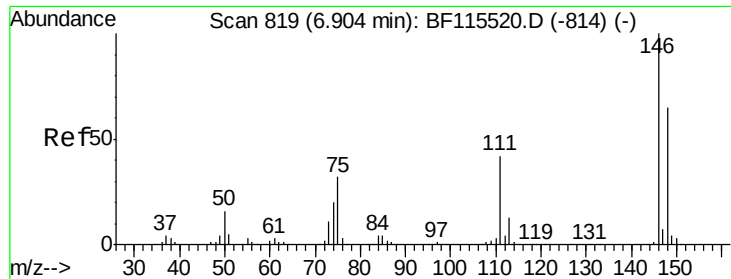
Tot Ion: 93 Resp: 517220
Ion Ratio Lower Upper
93 100
63 71.9 52.2 92.2
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.462 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion: 146 Resp: 593592
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 27.3 24.9 37.3

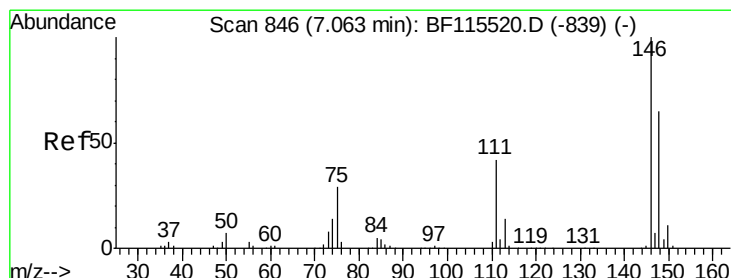
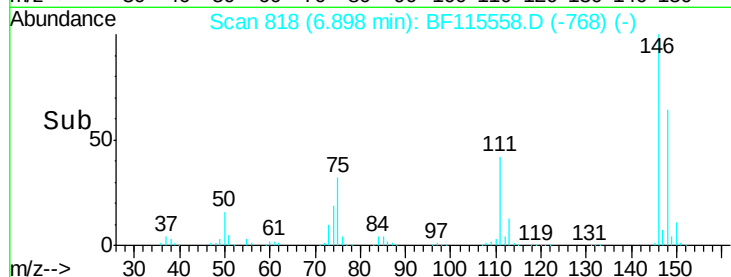
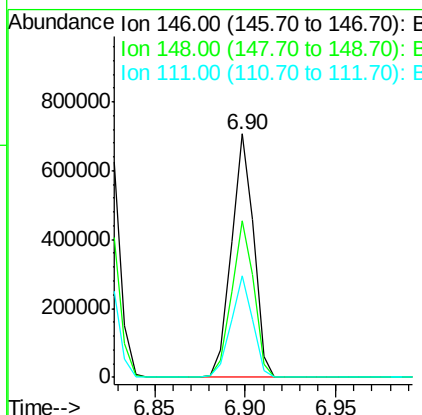
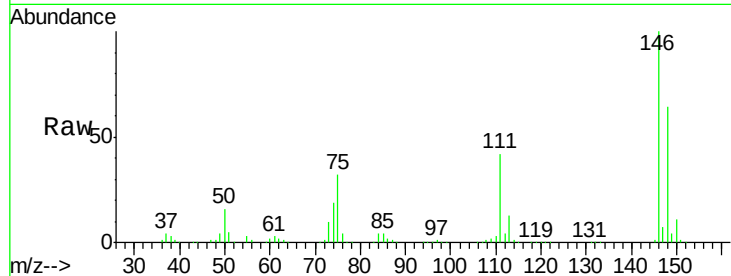




#13
 1,4-Dichlorobenzene
 Concen: 44.273 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

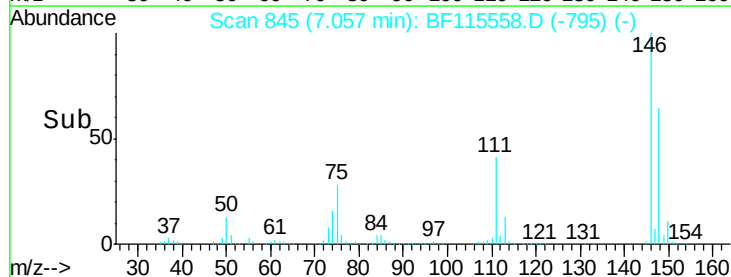
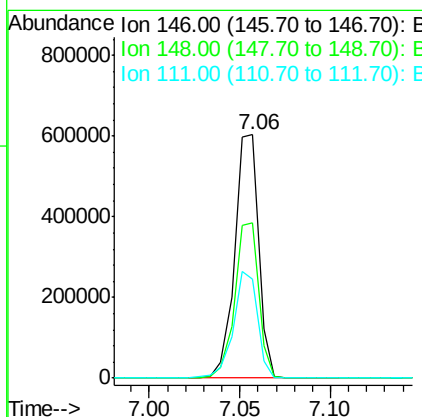
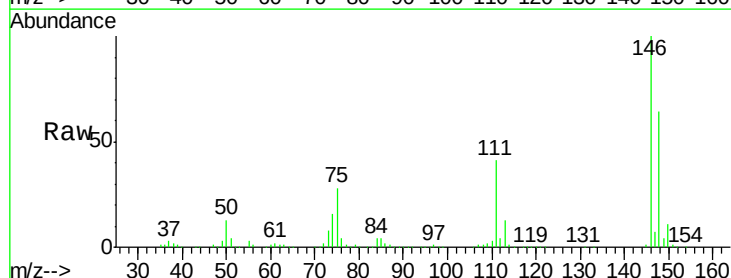
Instrument :
 BNA_F
 ClientSampleId :

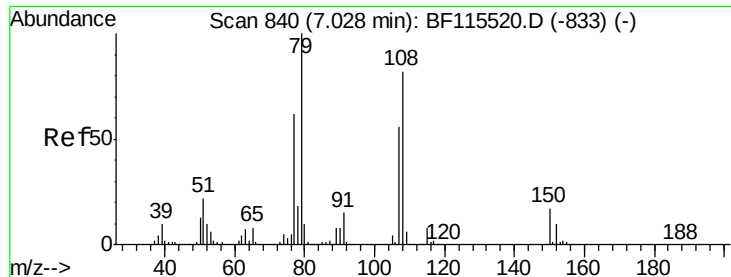
Tot Ion:146 Resp: 603306
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 41.7 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 44.672 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion:146 Resp: 556480
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 40.6 37.6 56.4





#15

Benzyl Alcohol

Concen: 46.065 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

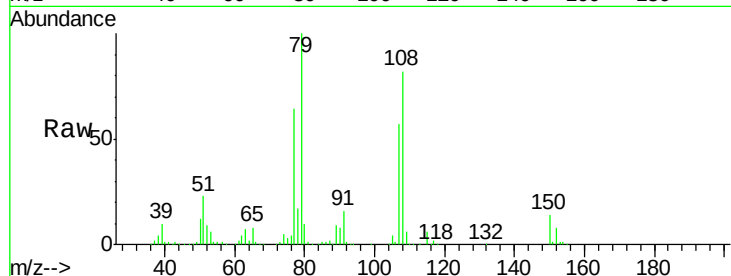
Tot Ion: 79 Resp: 489906

Ion Ratio Lower Upper

79 100

108 81.8 64.2 96.4

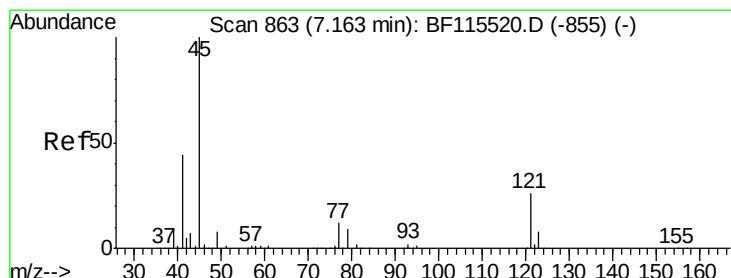
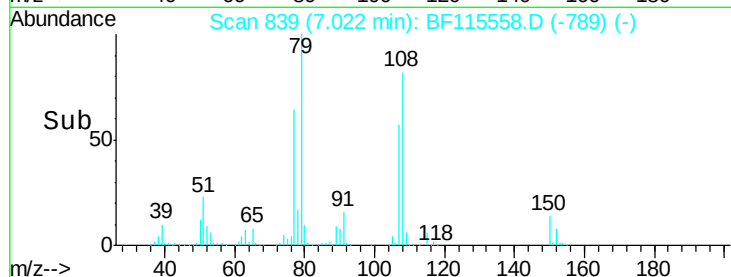
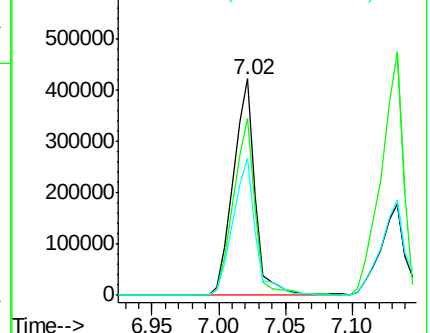
77 63.7 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.089 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

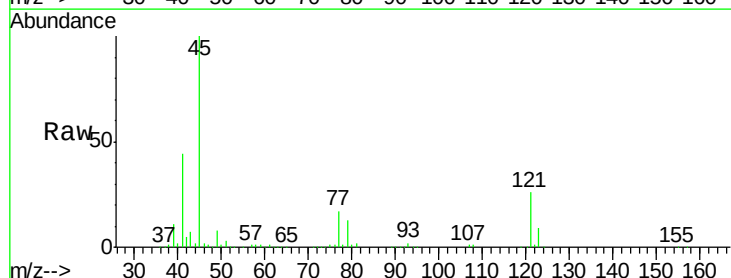
Tgt Ion: 45 Resp: 687784

Ion Ratio Lower Upper

45 100

77 17.2 0.0 38.1

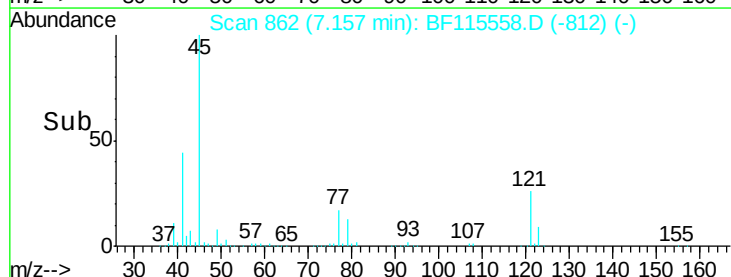
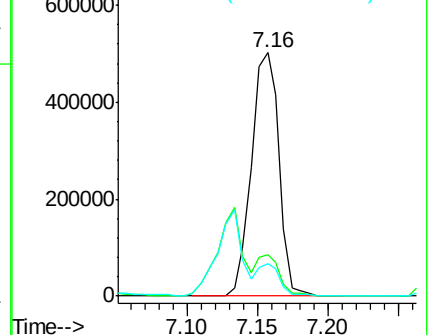
79 13.1 0.0 34.1

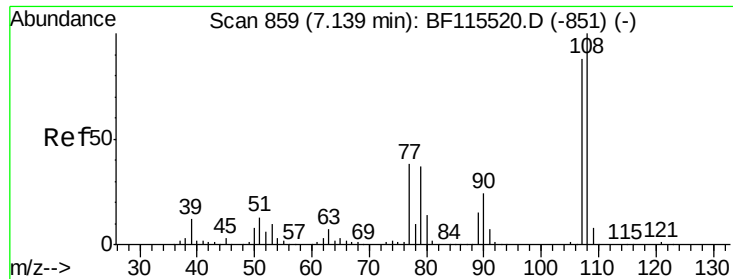


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

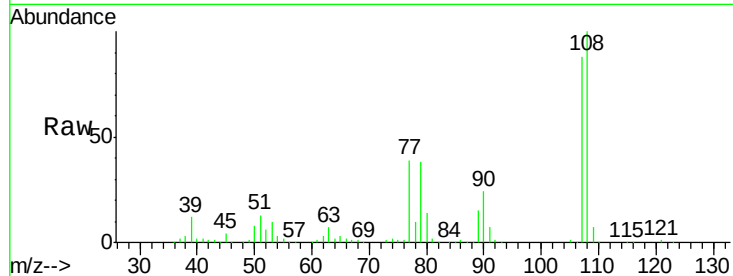




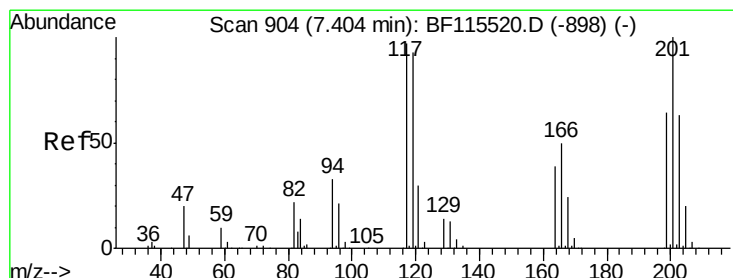
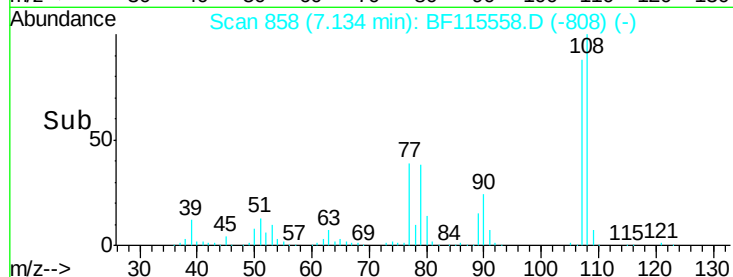
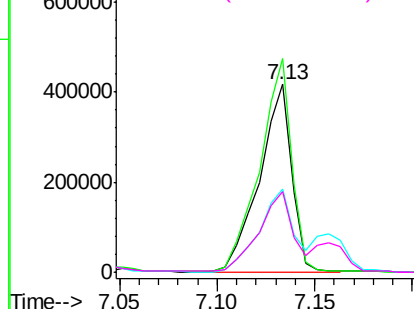
#17
2-Methylphenol
Concen: 45.450 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 475800
Ion Ratio Lower Upper
107 100
108 113.6 89.4 134.2
77 44.1 35.7 53.5
79 42.8 35.0 52.4

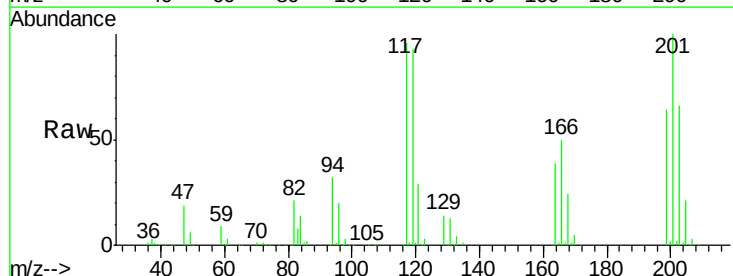


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

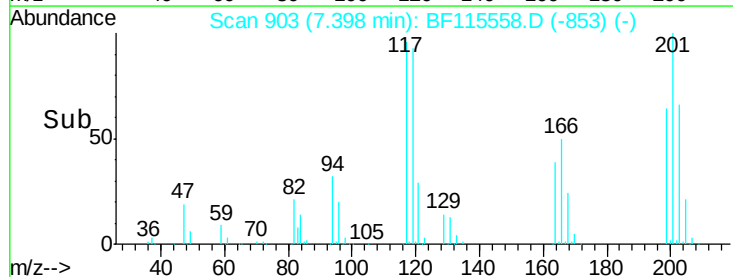
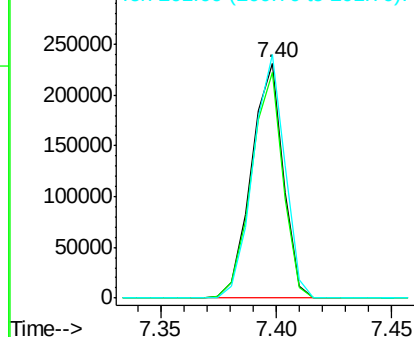


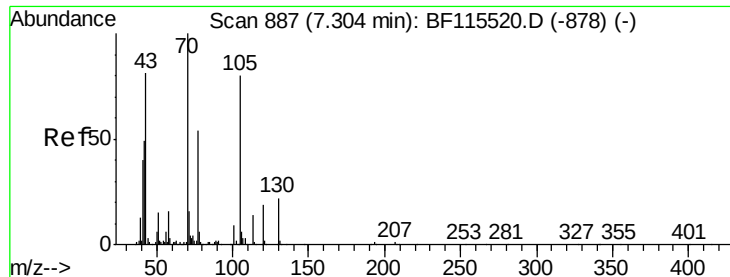
#18
Hexachloroethane
Concen: 43.979 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:117 Resp: 222444
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
201 103.7 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

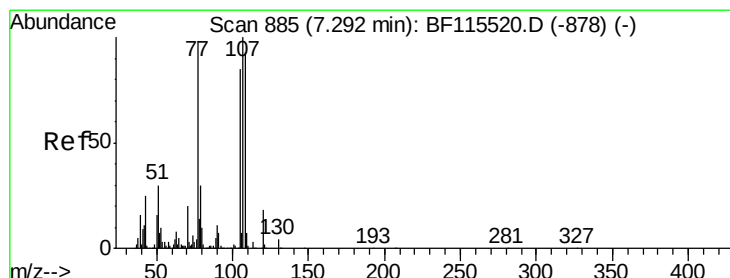
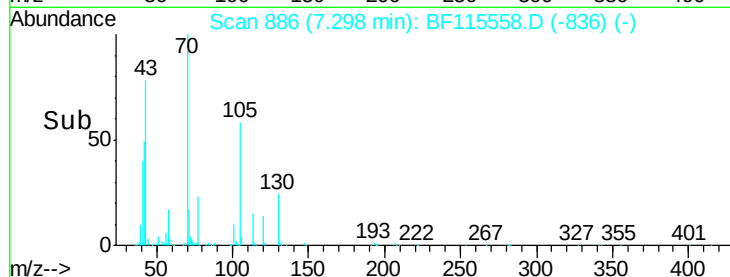
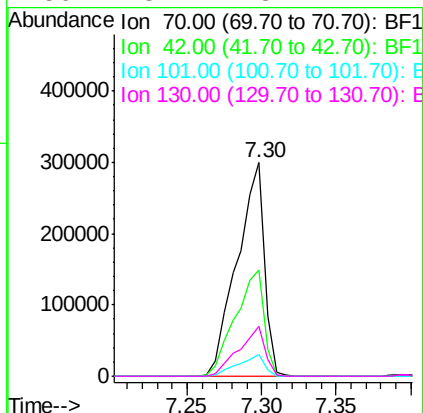
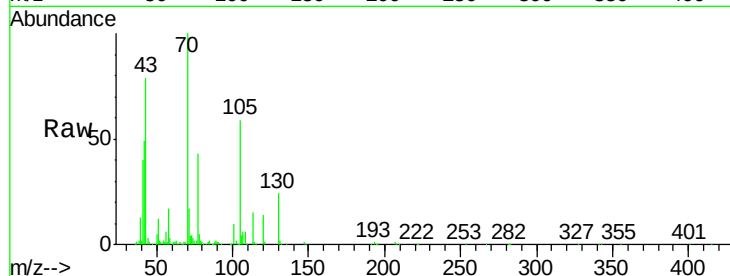




#19
n-Nitroso-di-n-propylamine
Concen: 43.683 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

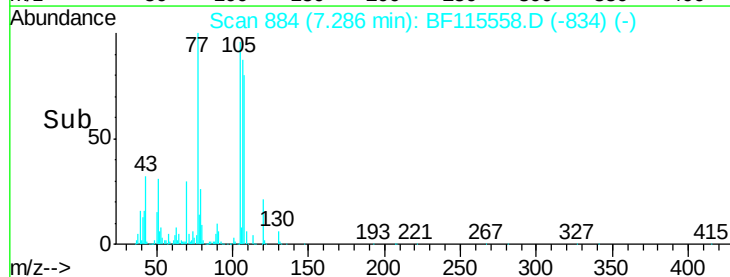
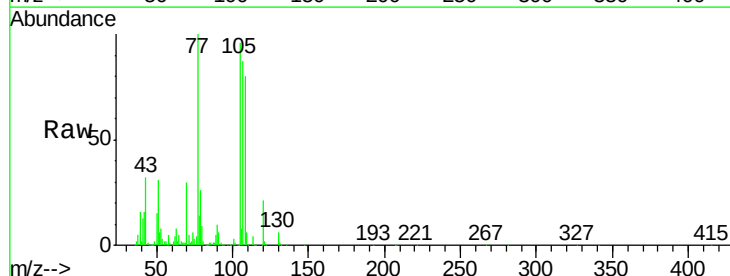
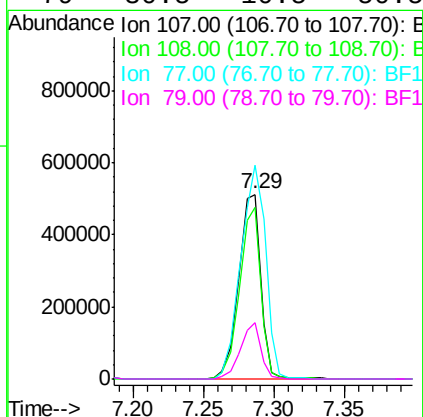
Instrument :
BNA_F
ClientSampleId :

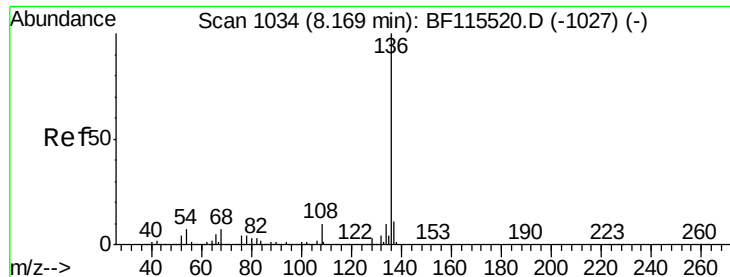
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.5	39.6	59.4
101	10.2	8.1	12.1
130	23.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.807 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.9	112.9
77	115.5	77.6	117.6
79	30.5	10.5	50.5

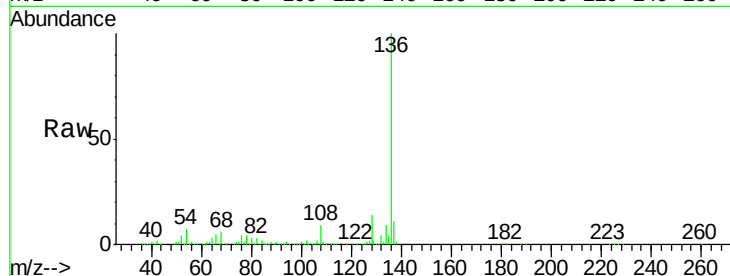




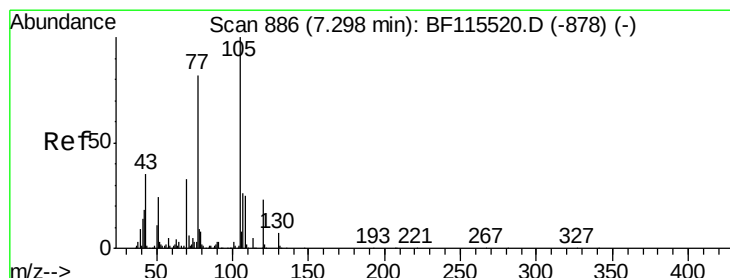
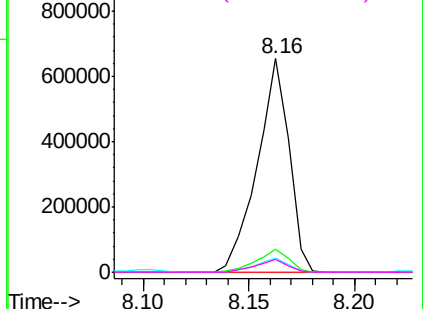
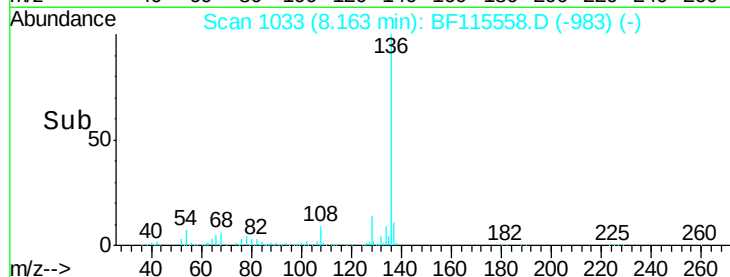
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 684926
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 6.7	5.6 8.4
68 6.0	5.0 7.6

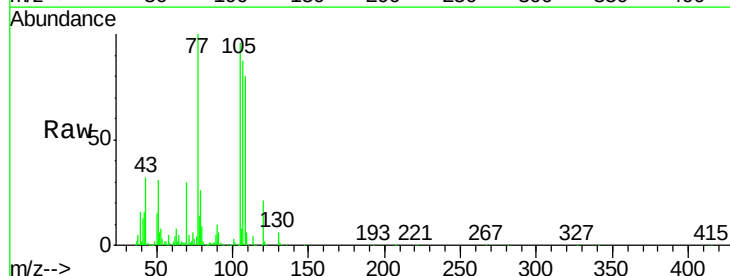


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

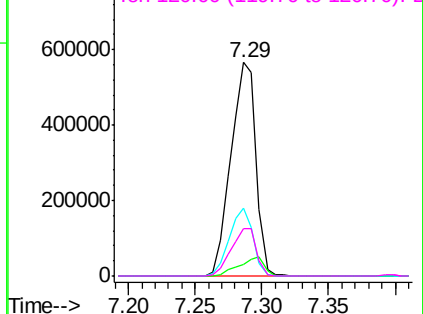
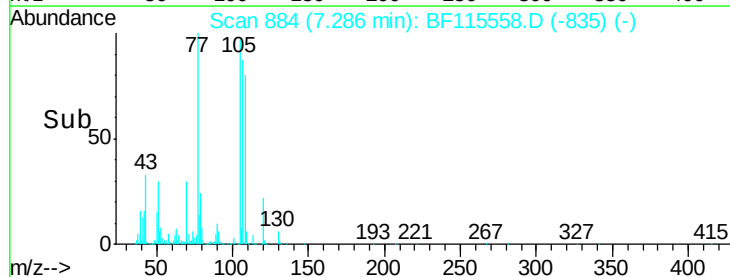


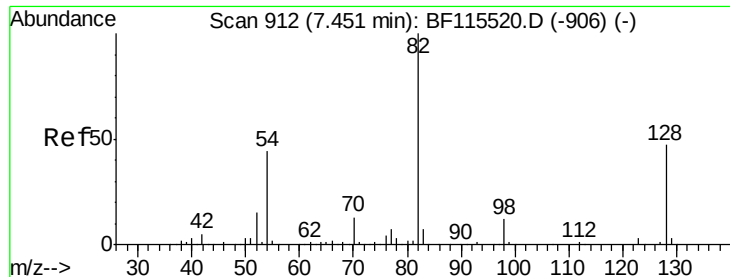
#22
Acetophenone
Concen: 47.931 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt	Ion:105	Resp:	741660
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.5	5.3
51	32.0	25.6	38.4
120	22.5	17.9	26.9



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

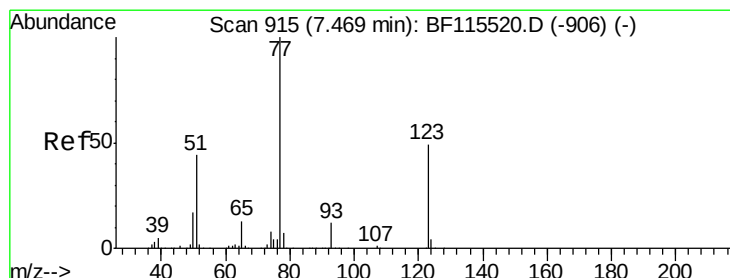
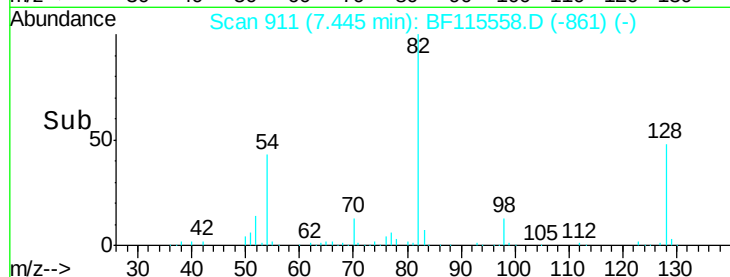
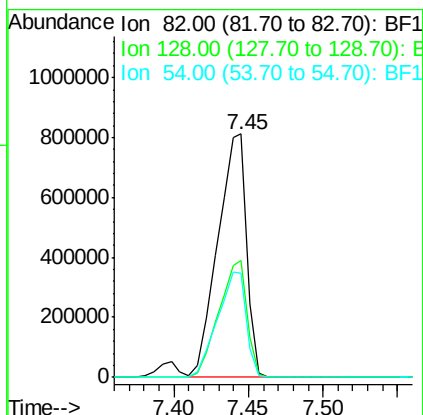
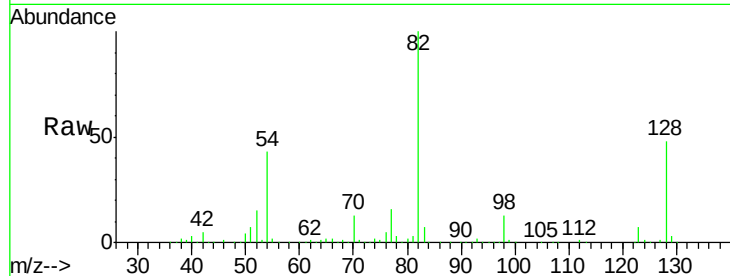




#23
 Nitrobenzene-d5
 Concen: 93.330 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

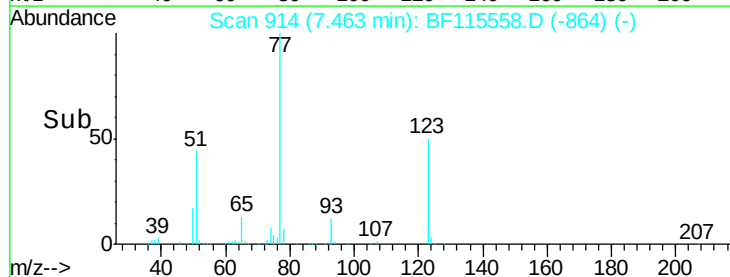
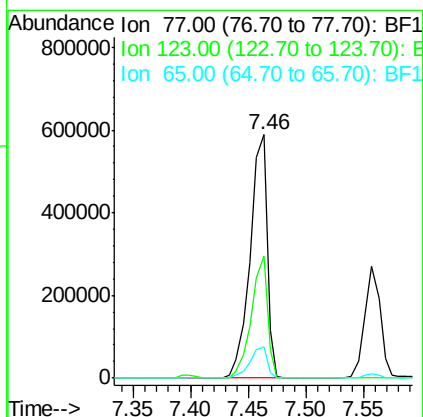
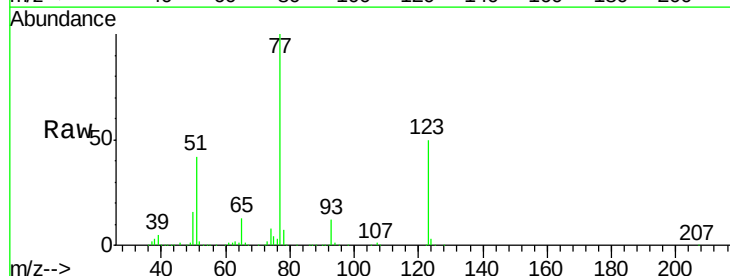
Instrument :
 BNA_F
 ClientSampleId :

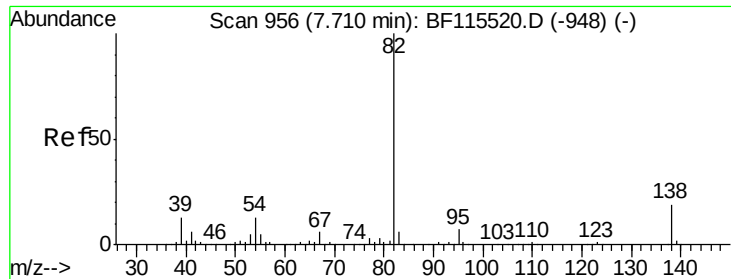
Tot Ion: 82 Resp: 1099361
 Ion Ratio Lower Upper
 82 100
 128 48.1 38.6 57.8
 54 42.6 35.6 53.4



#24
 Nitrobenzene
 Concen: 47.508 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion: 77 Resp: 603585
 Ion Ratio Lower Upper
 77 100
 123 50.2 40.0 60.0
 65 12.7 11.0 16.4





#25

Isophorone

Concen: 47.015 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

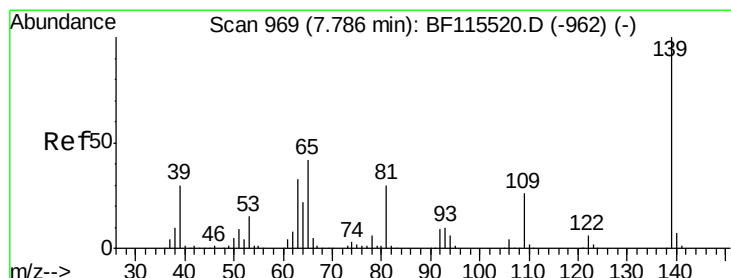
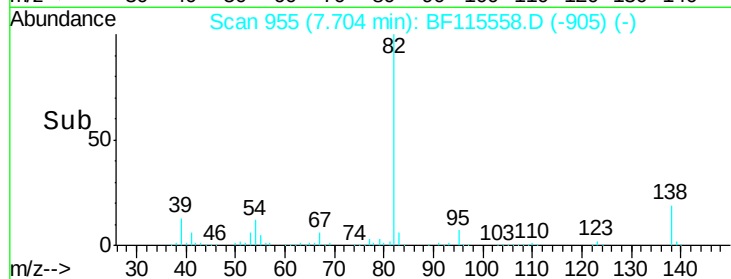
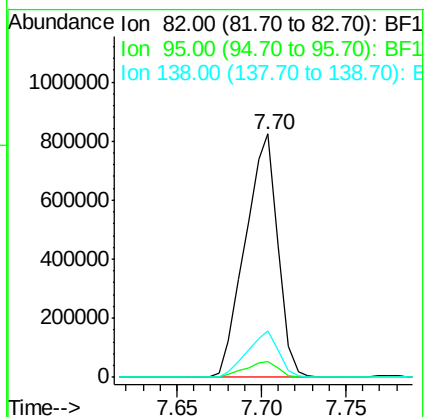
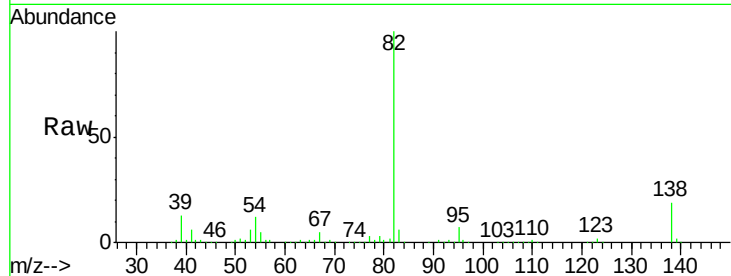
Tot Ion: 82 Resp: 1108174

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 49.036 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

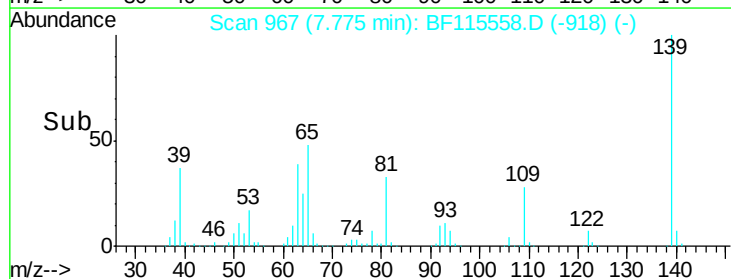
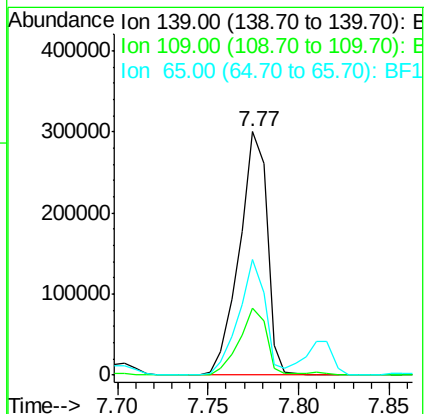
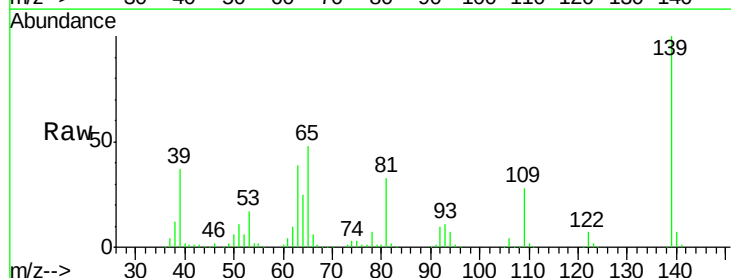
Tgt Ion: 139 Resp: 320669

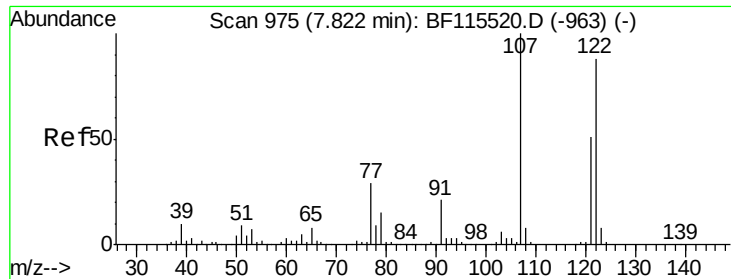
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 47.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 54.262 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

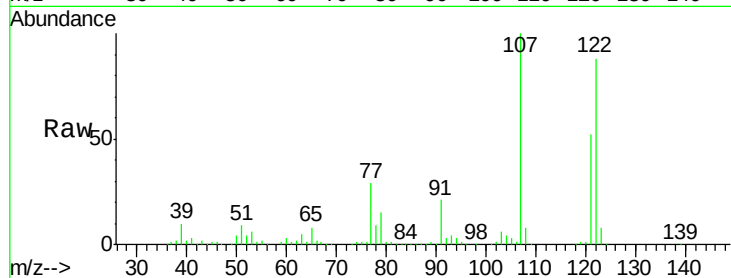
Tot Ion:122 Resp: 530933

Ion Ratio Lower Upper

122 100

107 113.9 92.9 139.3

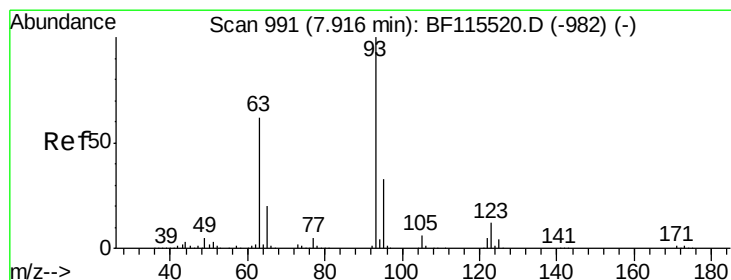
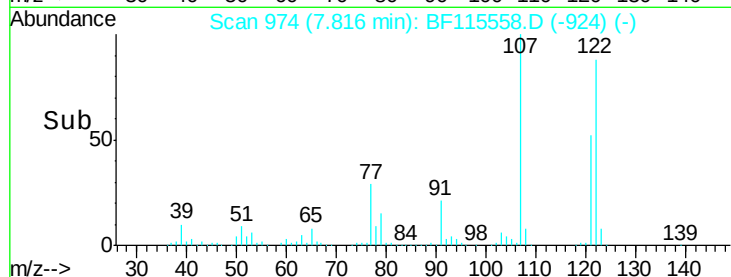
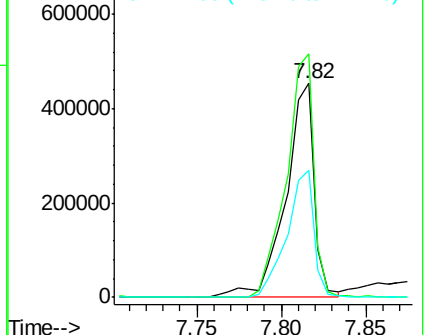
121 59.7 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.464 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

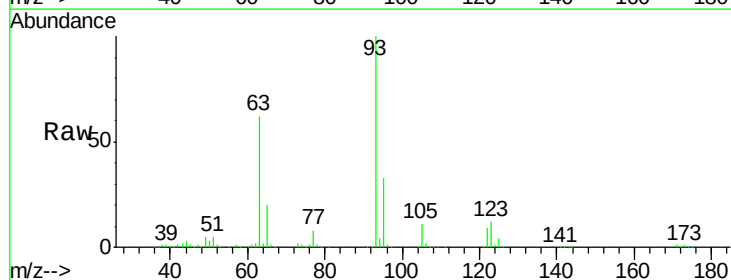
Tgt Ion: 93 Resp: 686330

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

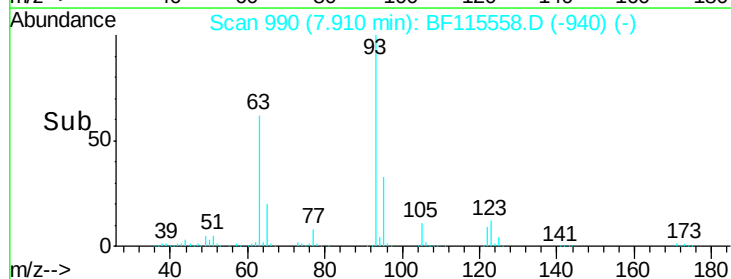
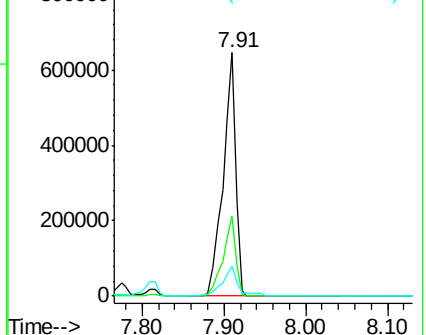
123 12.1 9.9 14.9

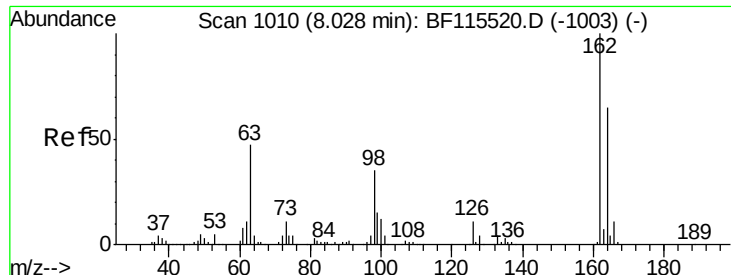


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

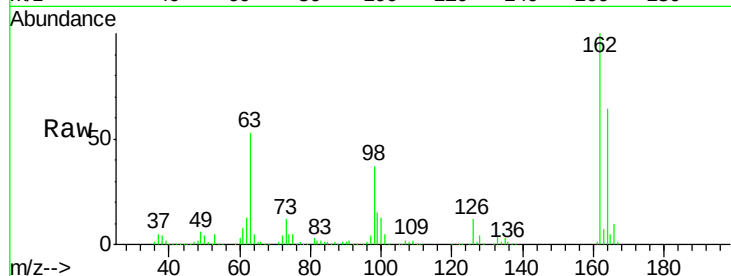




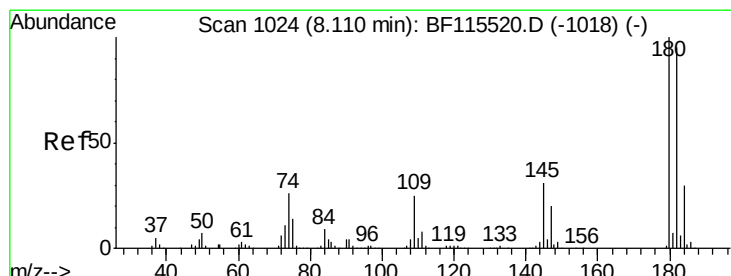
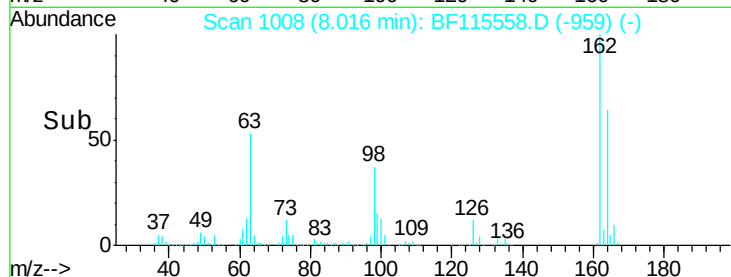
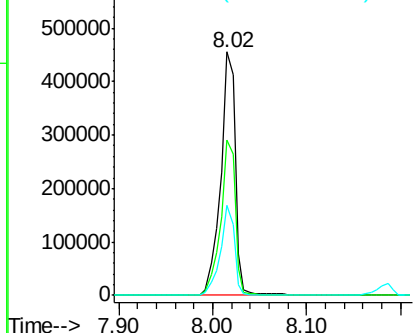
#29
2,4-Dichlorophenol
Concen: 49.084 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 499480
Ion Ratio Lower Upper
162 100
164 63.6 44.9 84.9
98 37.1 17.7 57.7

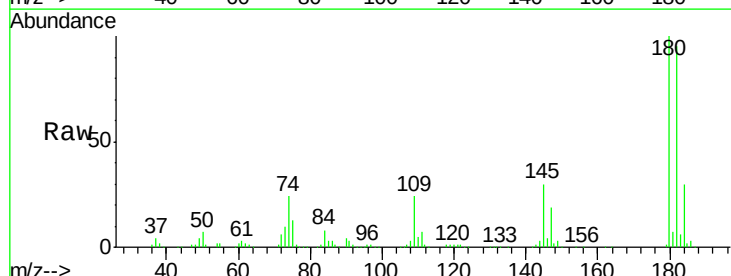


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

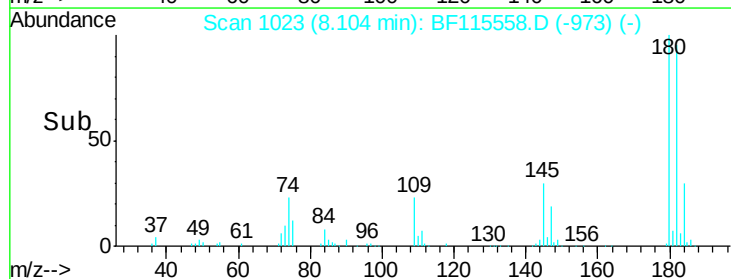
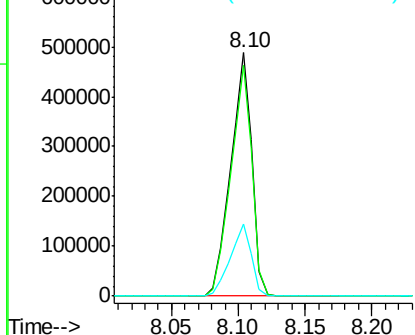


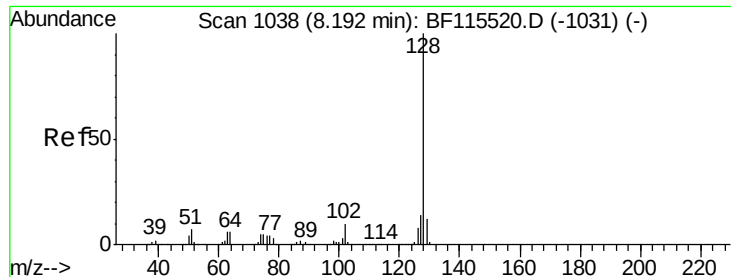
#30
1,2,4-Trichlorobenzene
Concen: 47.094 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:180 Resp: 541708
Ion Ratio Lower Upper
180 100
182 94.5 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

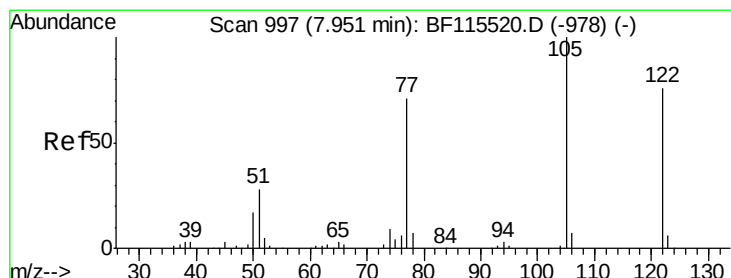
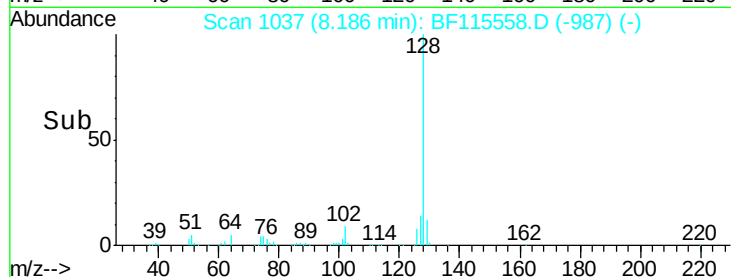
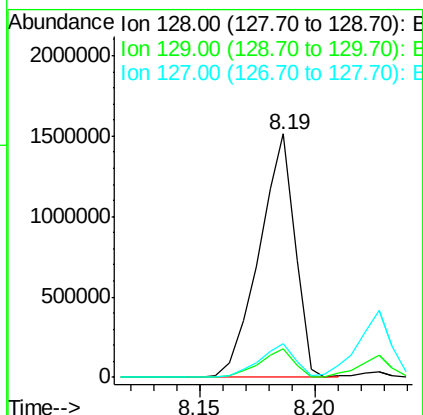
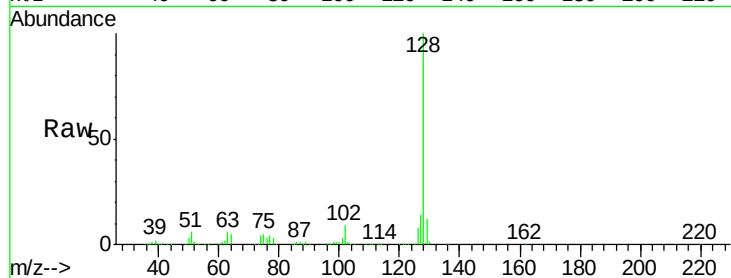




#31
Naphthalene
Concen: 49.017 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

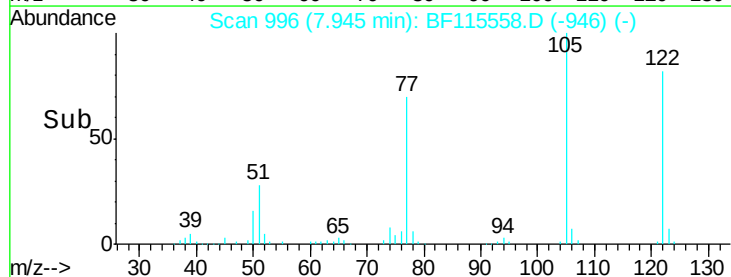
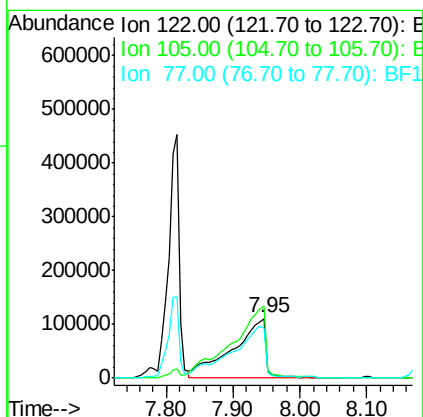
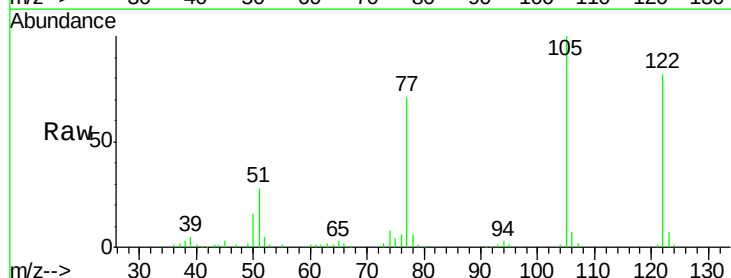
Instrument :
BNA_F
ClientSampleId :

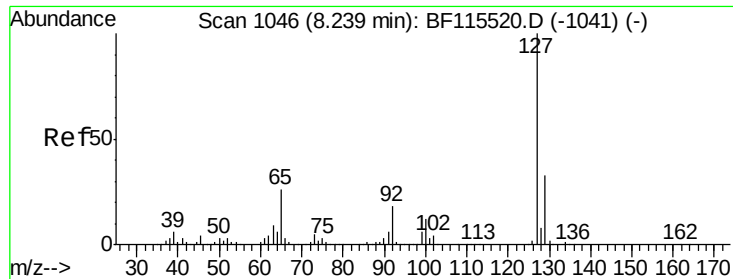
Tot Ion:128 Resp: 1625947
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.9 12.1 18.1



#32
Benzoic acid
Concen: 46.615 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:122 Resp: 374314
Ion Ratio Lower Upper
122 100
105 121.2 102.5 142.5
77 85.7 70.2 110.2

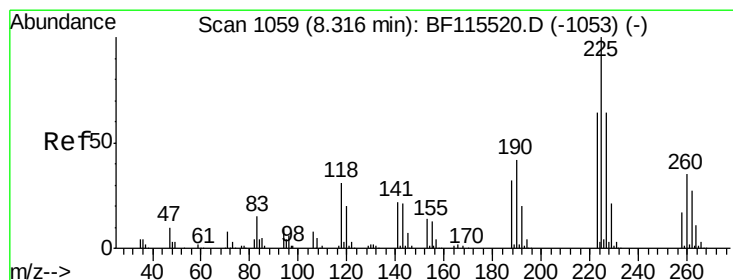
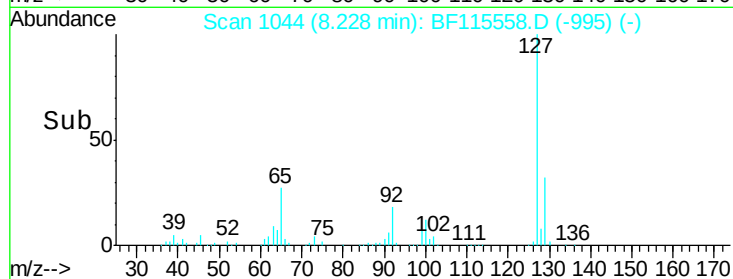
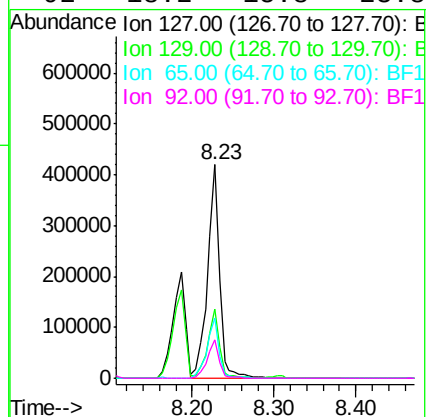
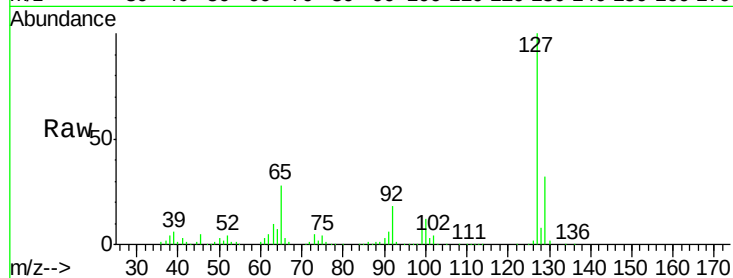




#33
4-Chloroaniline
Concen: 29.184 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

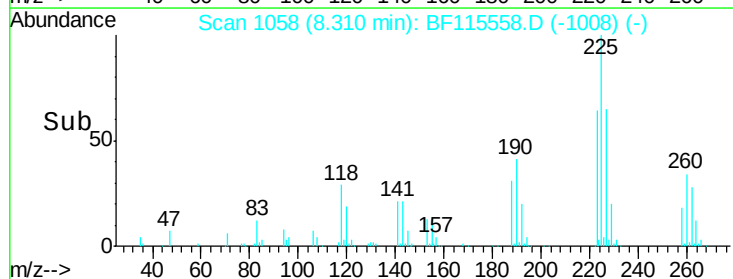
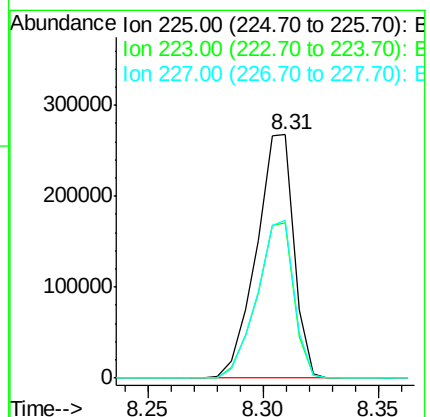
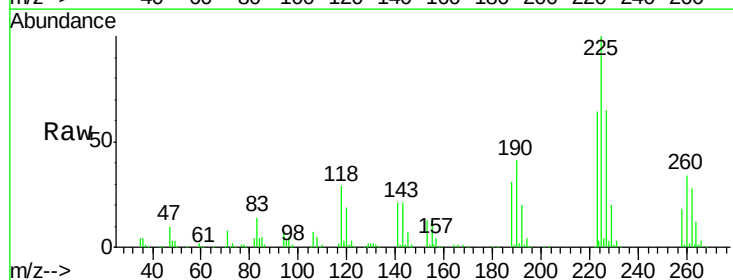
Instrument :
BNA_F
ClientSampleId :

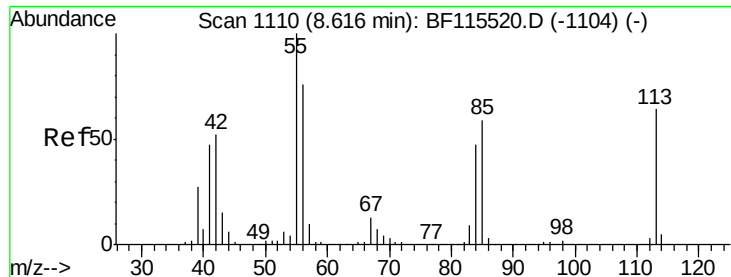
Tot Ion:	127	Resp:	428806
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	28.0	23.7	35.5
92	18.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 46.018 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:	225	Resp:	303548
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	64.8	50.7	76.1

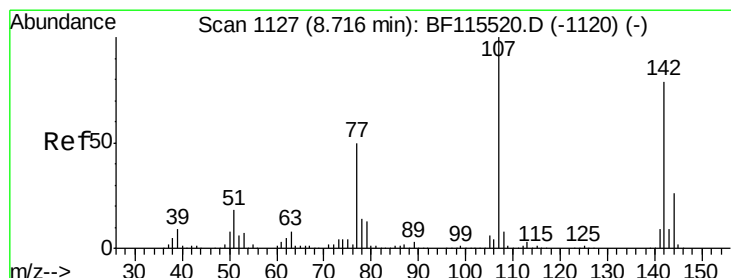
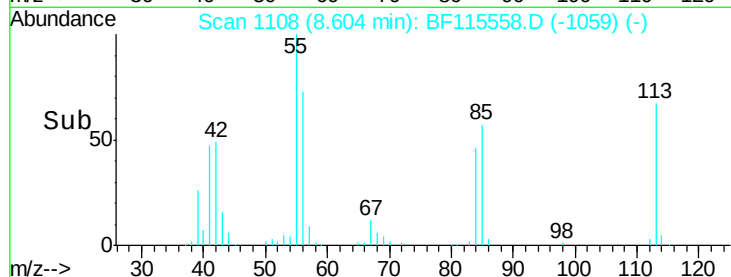
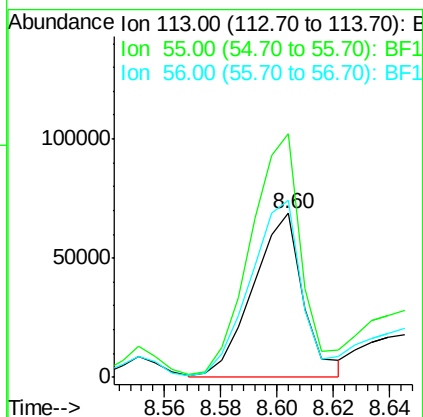
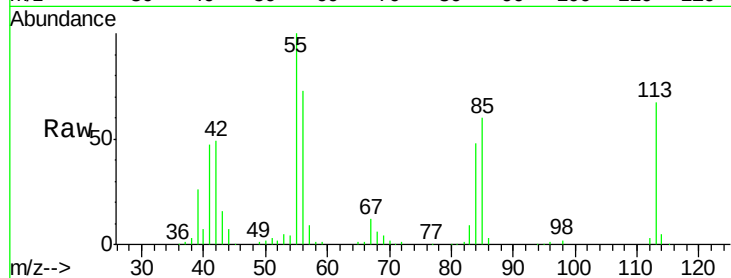




#35
Caprolactam
Concen: 27.216 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

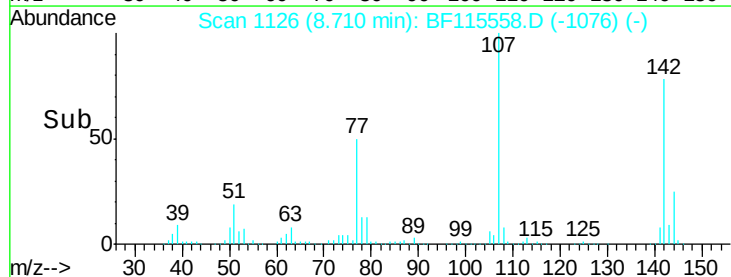
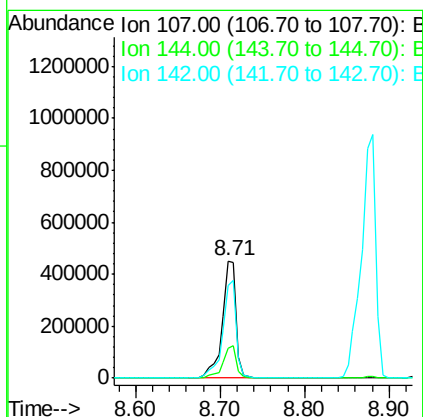
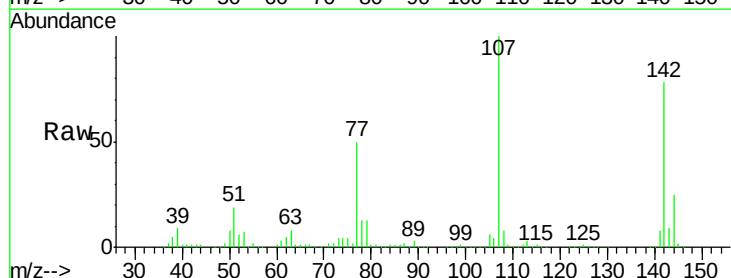
Instrument :
BNA_F
ClientSampleId :

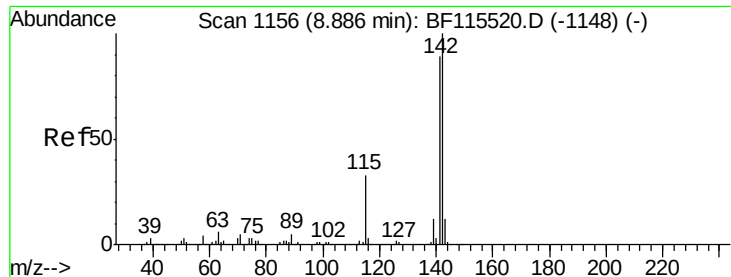
Tot Ion:113 Resp: 85581
Ion Ratio Lower Upper
113 100
55 148.7 126.9 166.9
56 108.2 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 48.669 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:107 Resp: 513729
Ion Ratio Lower Upper
107 100
144 25.2 20.6 30.8
142 78.4 63.1 94.7

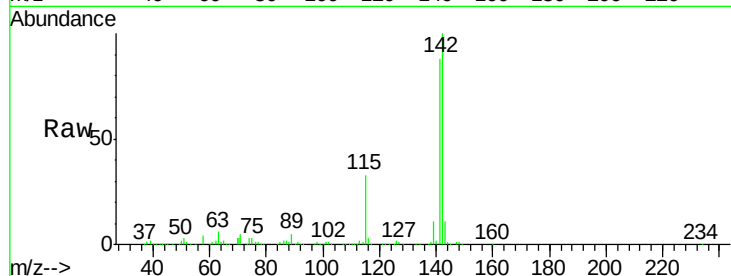




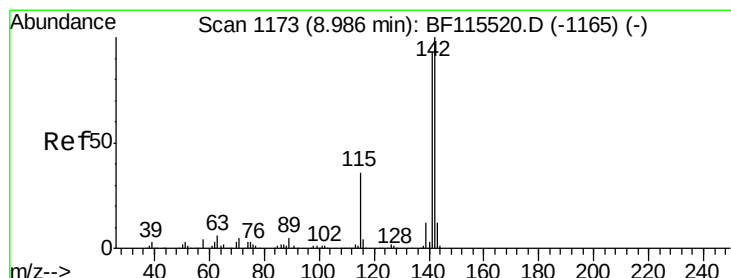
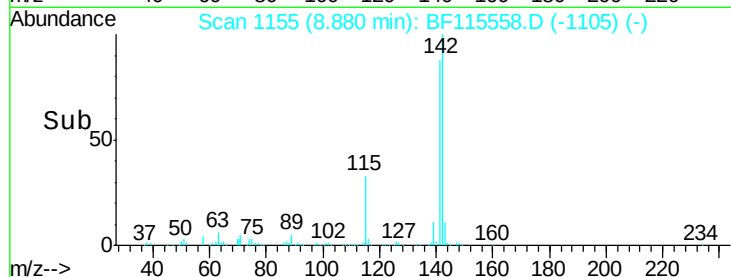
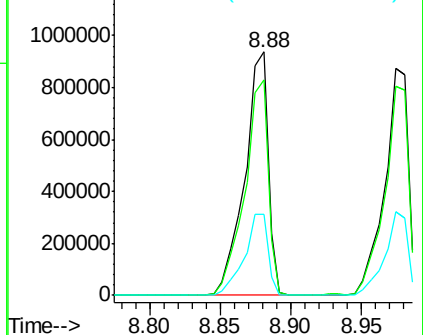
#37
2-Methylnaphthalene
Concen: 50.093 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1101457
Ion Ratio Lower Upper
142 100
141 88.3 72.0 108.0
115 33.2 29.9 44.9

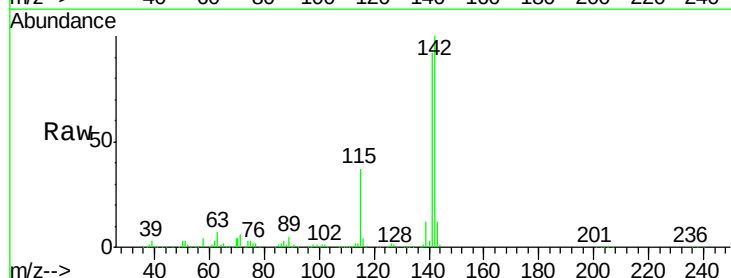


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

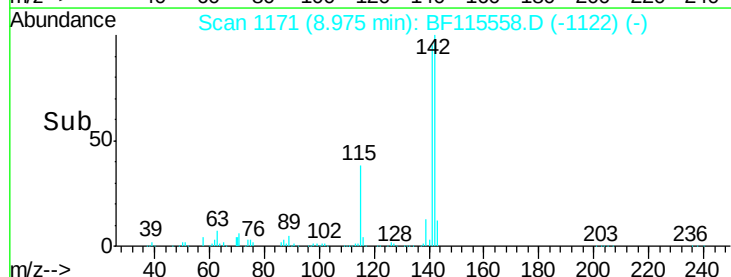
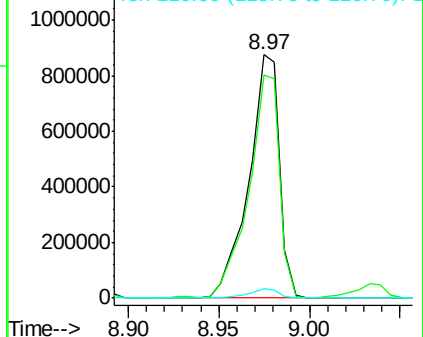


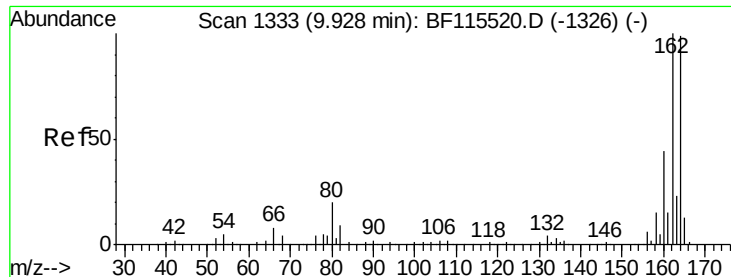
#38
1-Methylnaphthalene
Concen: 49.104 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:142 Resp: 1025547
Ion Ratio Lower Upper
142 100
141 91.7 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

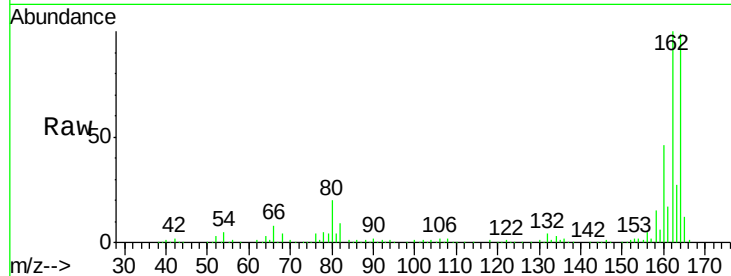




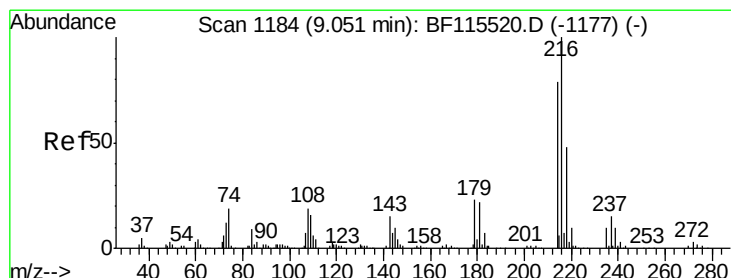
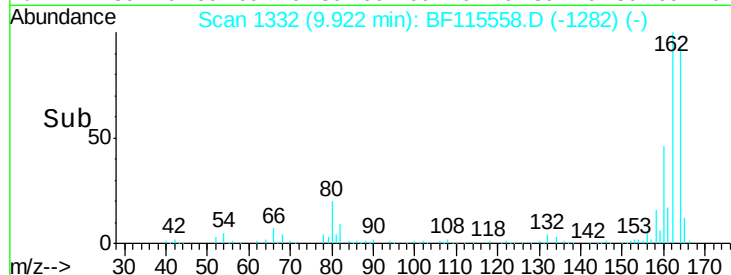
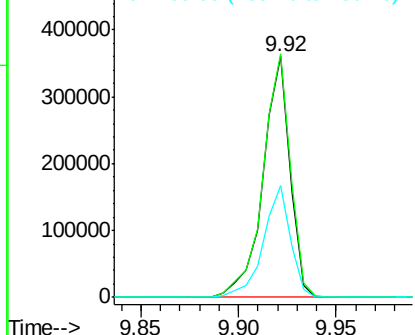
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 344300
Ion Ratio Lower Upper
164 100
162 101.2 82.9 124.3
160 46.3 36.8 55.2

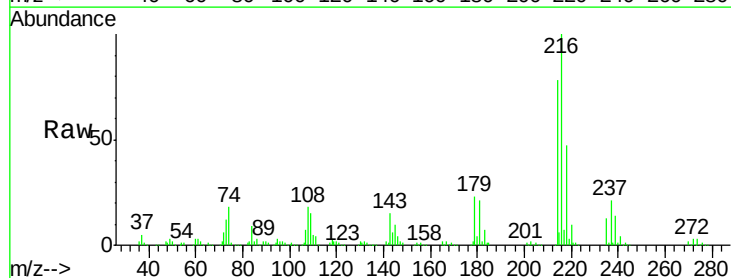


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

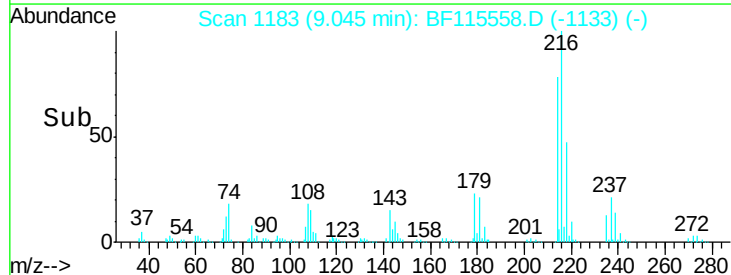
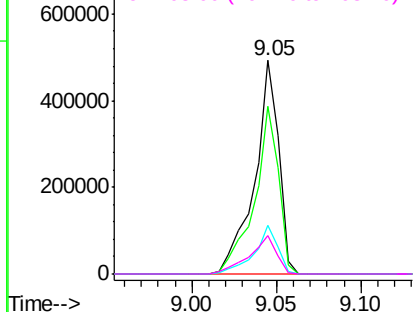


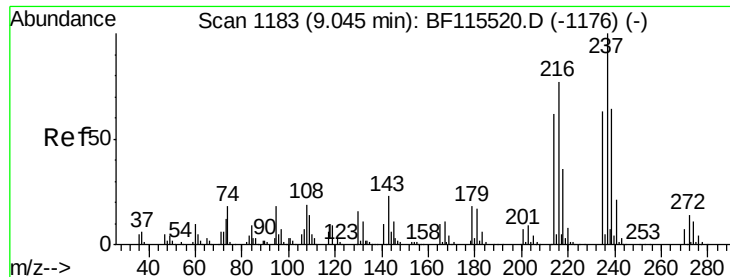
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.413 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:216 Resp: 491578
Ion Ratio Lower Upper
216 100
214 78.2 65.1 97.7
179 21.9 18.3 27.5
108 20.2 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

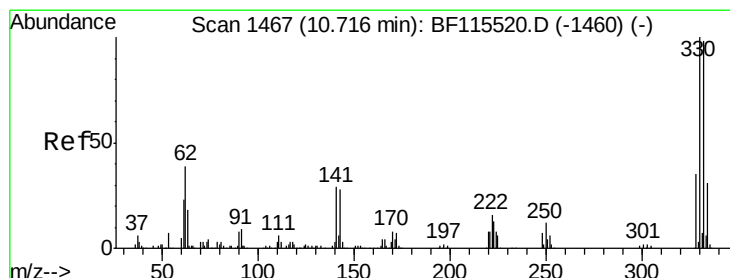
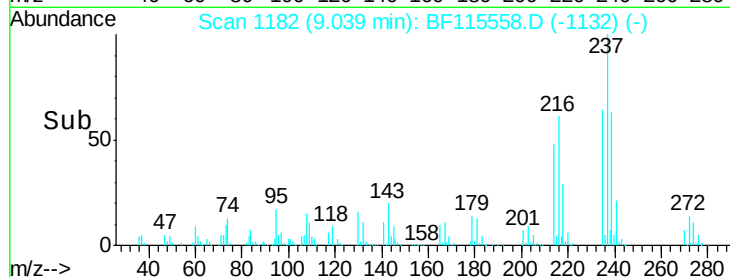
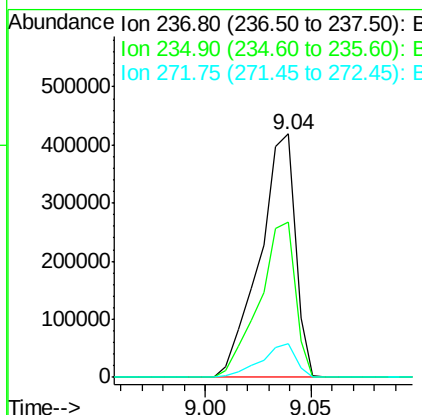
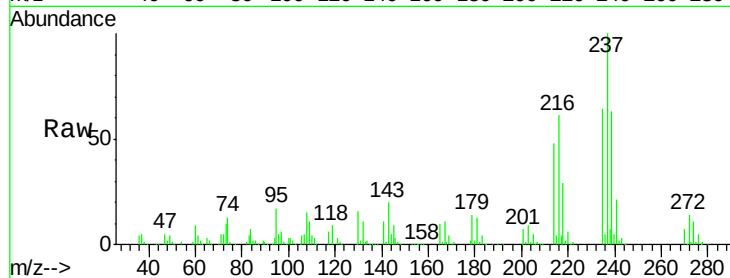




#41
Hexachlorocyclopentadiene
Concen: 83.790 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

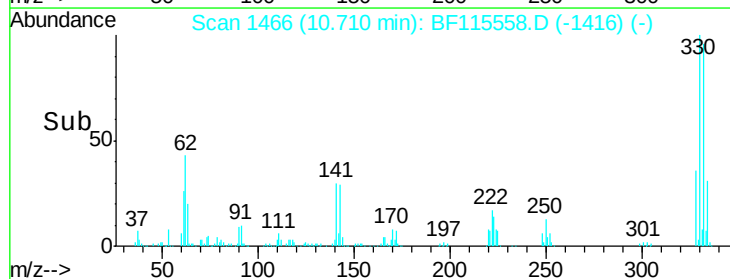
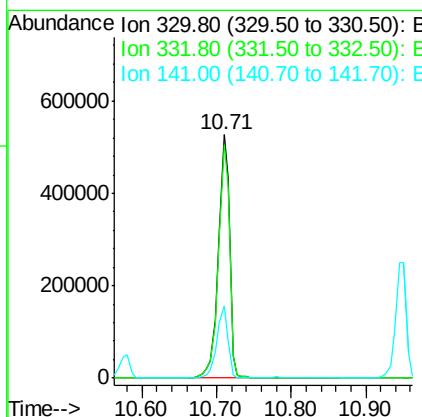
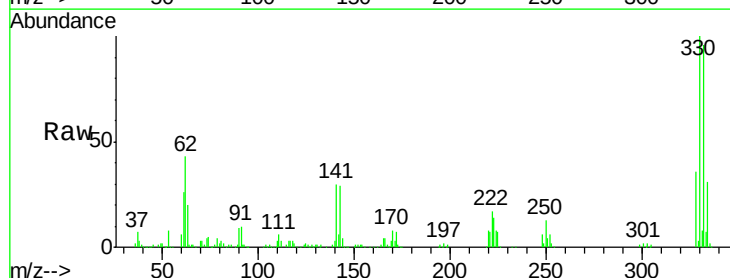
Instrument :
BNA_F
ClientSampleId :

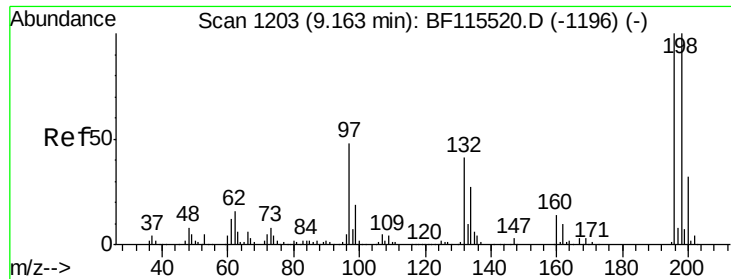
Tot Ion:237 Resp: 495562
Ion Ratio Lower Upper
237 100
235 63.5 43.6 83.6
272 13.9 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 135.935 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:330 Resp: 546299
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 29.5 22.4 33.6

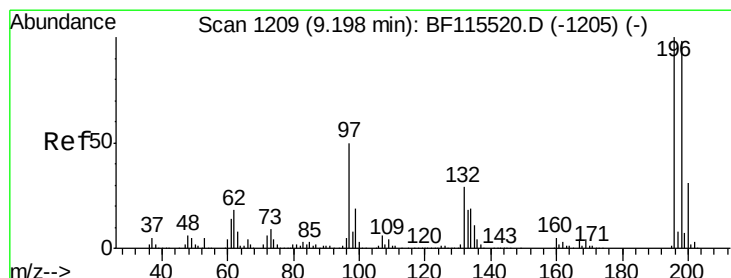
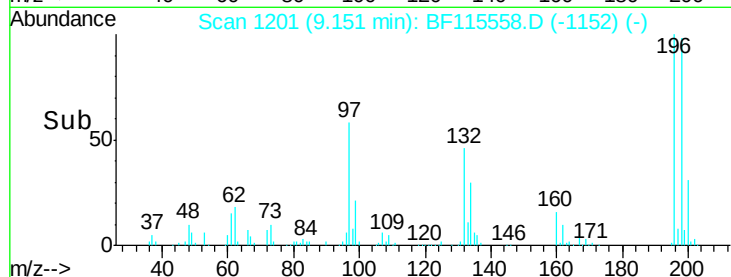
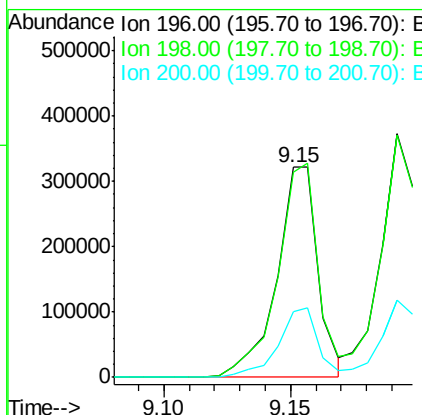
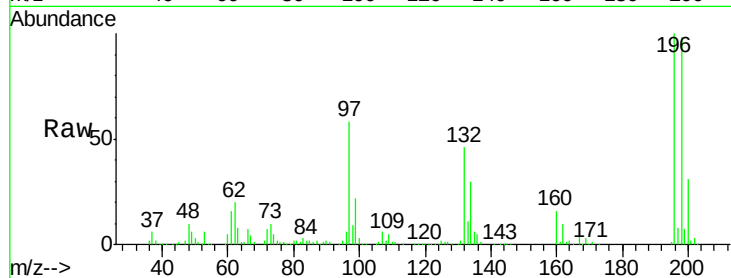




#43
 2,4,6-Trichlorophenol
 Concen: 48.403 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

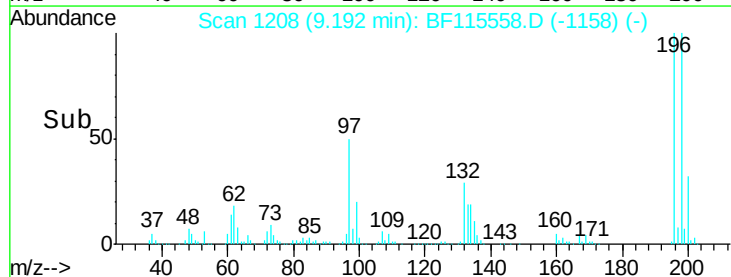
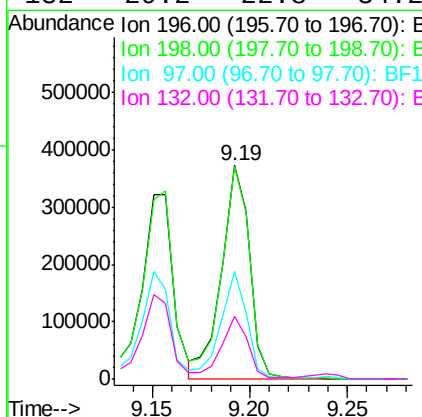
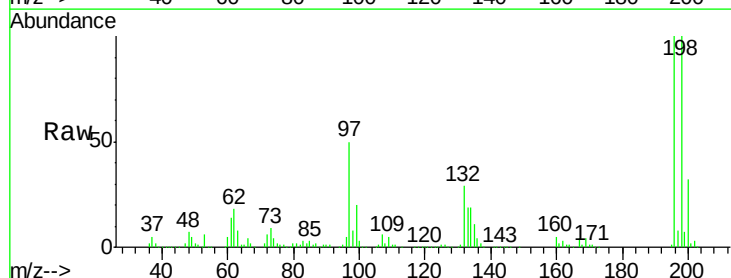
Instrument :
 BNA_F
 ClientSampled :

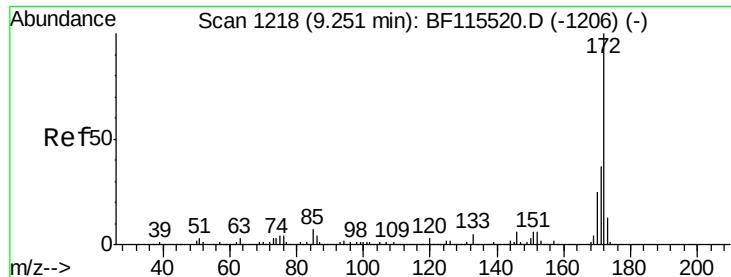
Tot Ion	196	Resp	366995
Ion	Ratio	Lower	Upper
196	100		
198	97.6	80.6	121.0
200	31.1	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.719 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion	196	Resp	370535
Ion	Ratio	Lower	Upper
196	100		
198	99.8	79.6	119.4
97	50.1	37.8	56.6
132	29.2	22.8	34.2

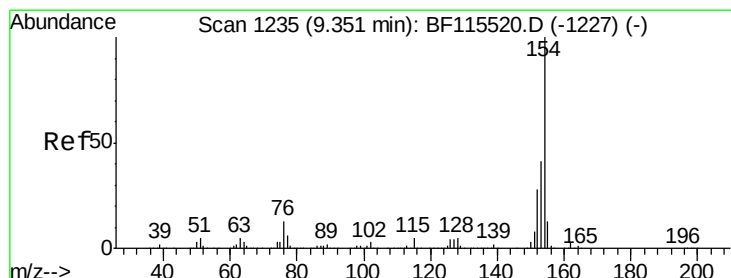
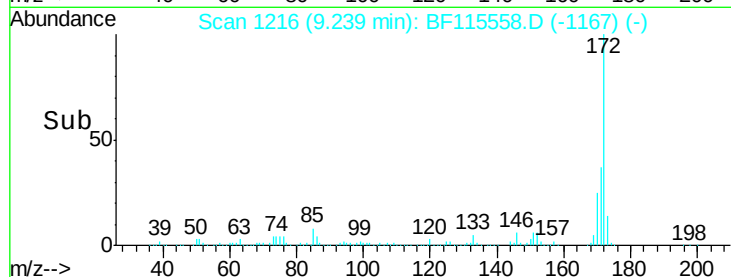
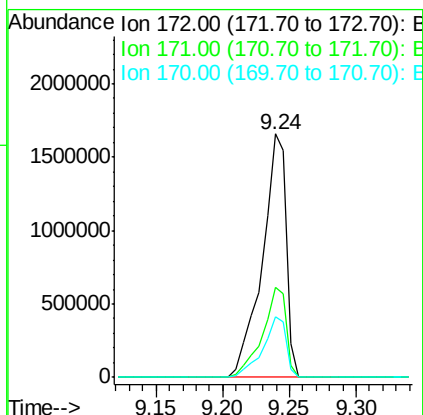
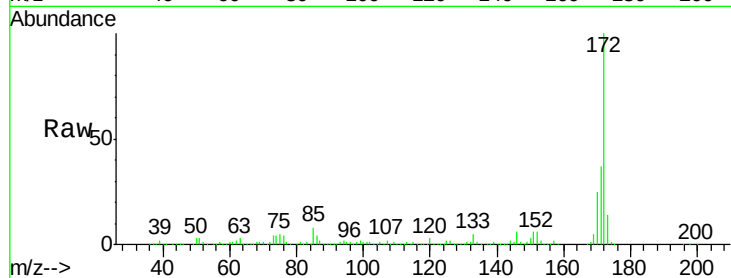




#45
2-Fluorobiphenyl
Concen: 104.927 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

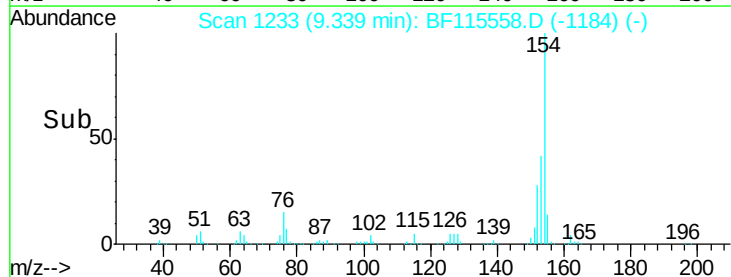
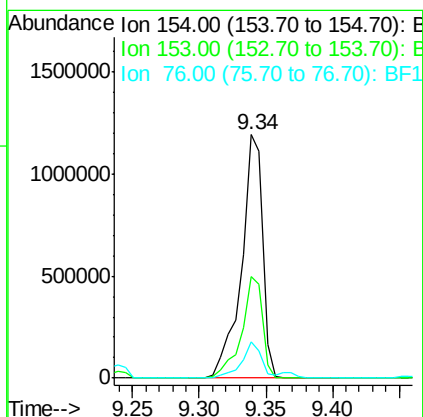
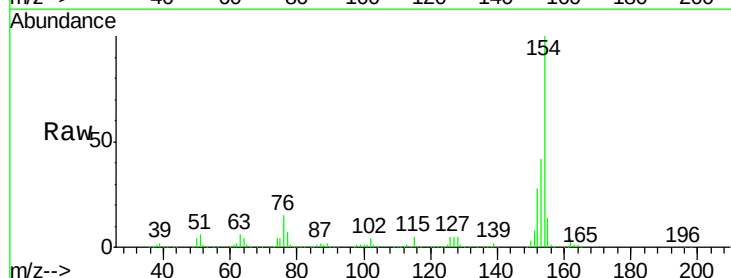
Instrument :
BNA_F
ClientSampleId :

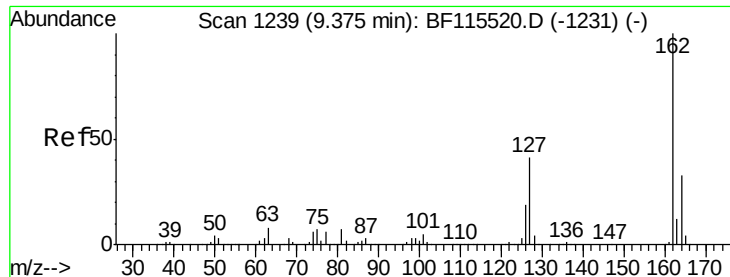
Tot Ion:172 Resp: 2064031
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 24.9 20.5 30.7



#46
1,1'-Biphenyl
Concen: 48.589 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:154 Resp: 1307864
Ion Ratio Lower Upper
154 100
153 41.6 22.6 62.6
76 14.8 0.0 33.4

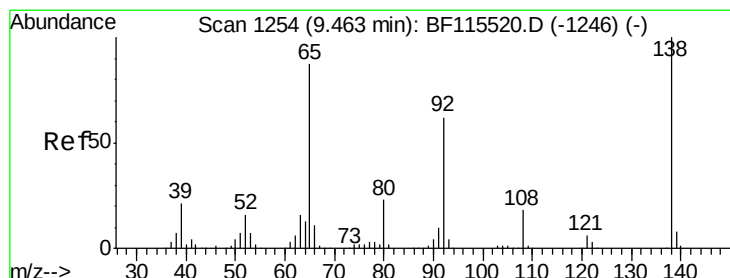
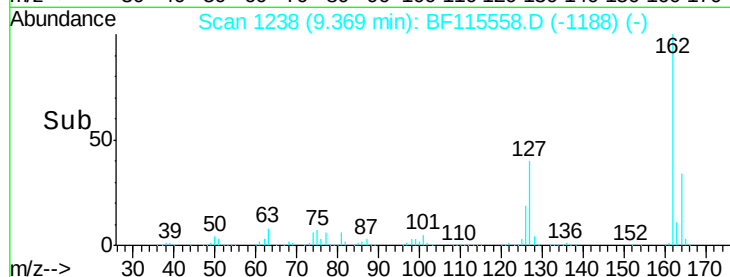
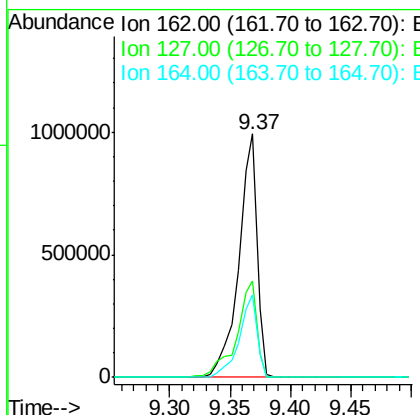
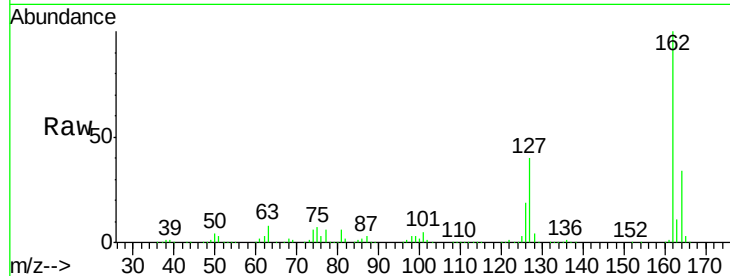




#47
 2-Chloronaphthalene
 Concen: 46.876 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

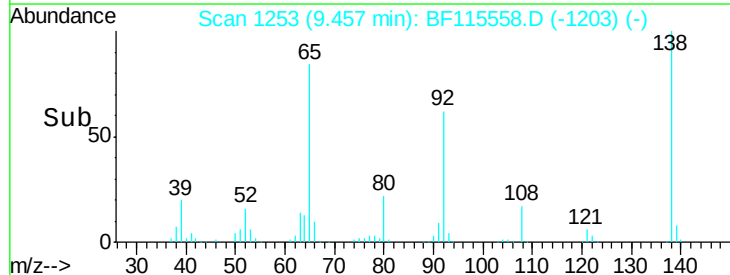
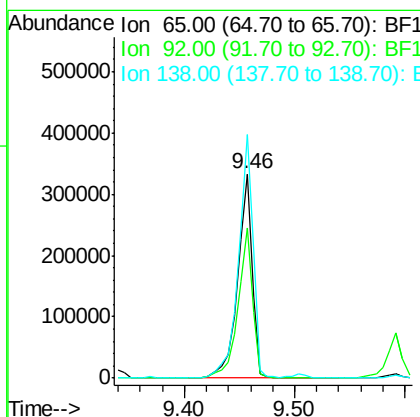
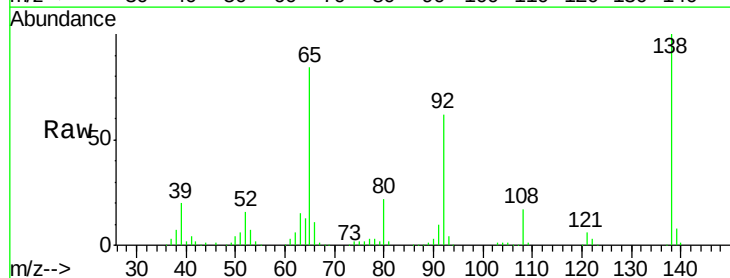
Instrument :
 BNA_F
 ClientSampled :

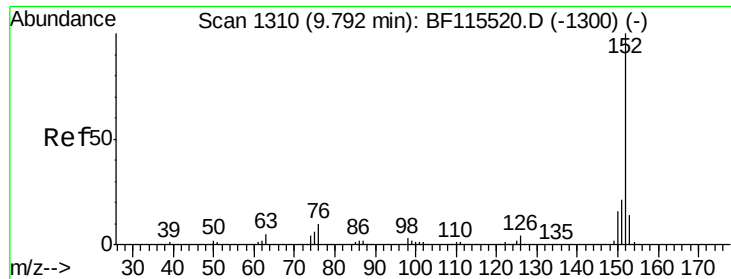
Tot Ion:162 Resp: 1050621
 Ion Ratio Lower Upper
 162 100
 127 39.5 34.1 51.1
 164 34.0 27.4 41.2



#48
 2-Nitroaniline
 Concen: 44.963 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion: 65 Resp: 311907
 Ion Ratio Lower Upper
 65 100
 92 73.6 57.8 86.6
 138 119.1 91.2 136.8





#49

Acenaphthylene

Concen: 48.039 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

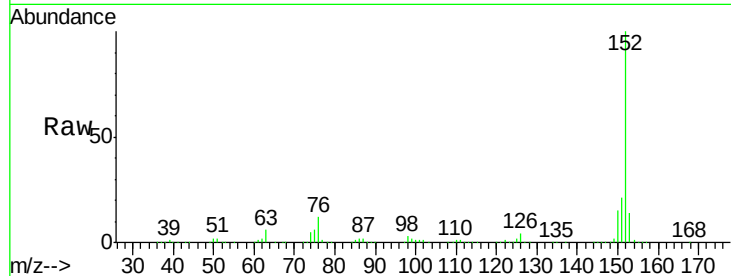
Tot Ion:152 Resp: 1595354

Ion Ratio Lower Upper

152 100

151 20.8 17.7 26.5

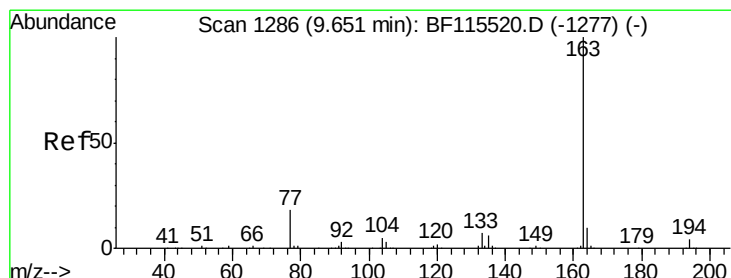
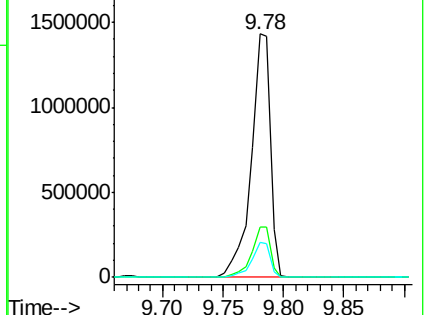
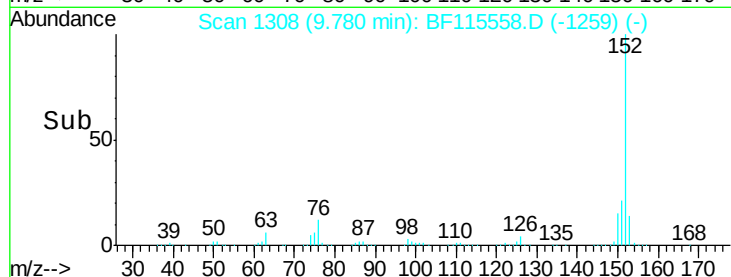
153 14.4 12.0 18.0



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: 47.028 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

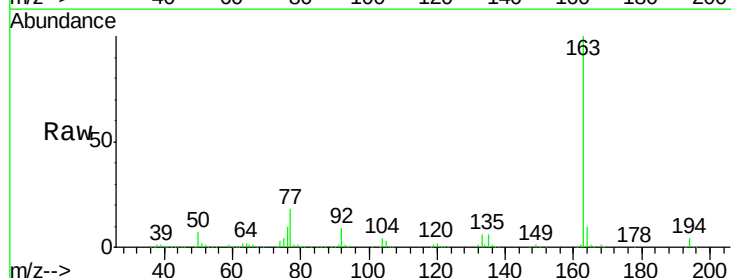
Tgt Ion:163 Resp: 1218214

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

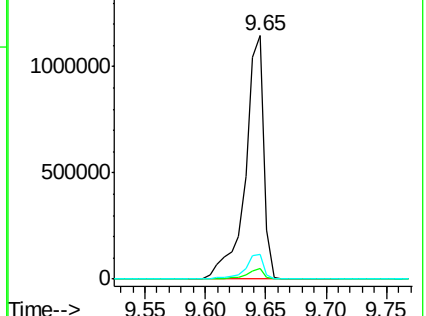
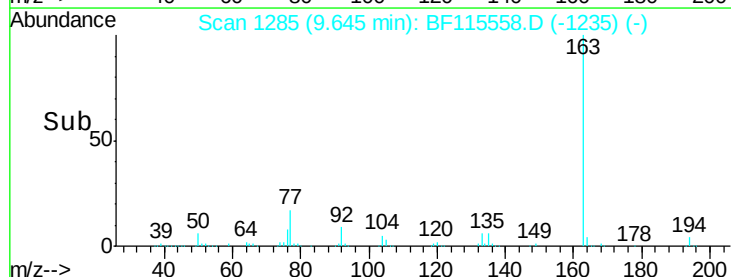
164 10.2 8.7 13.1

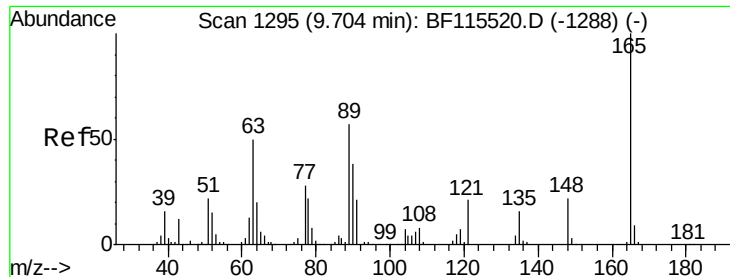


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.625 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampled :

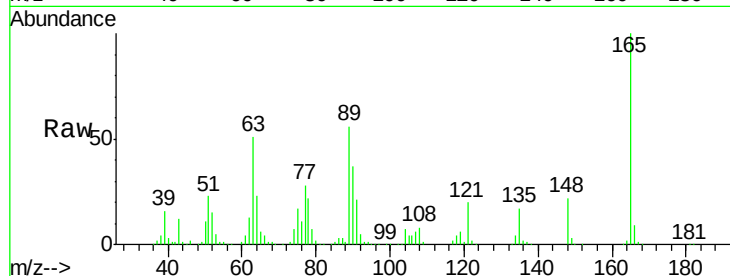
Tot Ion:165 Resp: 286250

Ion Ratio Lower Upper

165 100

63 50.7 40.6 61.0

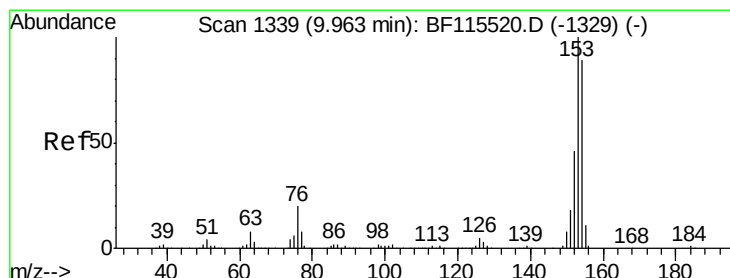
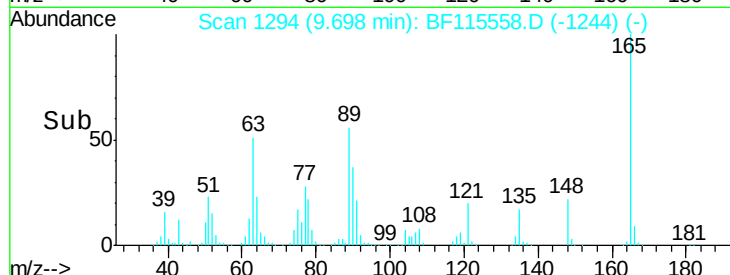
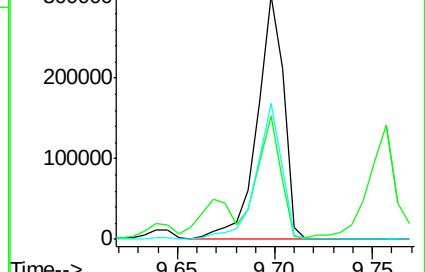
89 55.9 43.9 65.9



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: 51.745 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

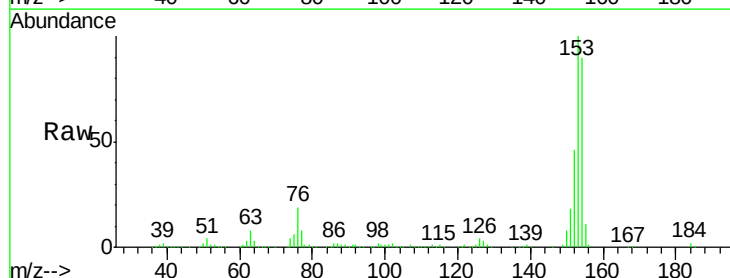
Tgt Ion:154 Resp: 1109458

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

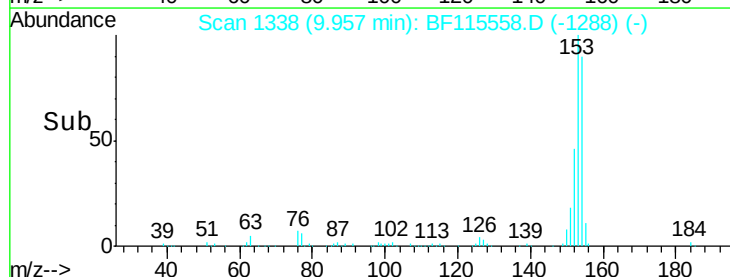
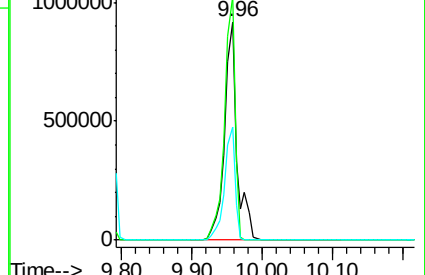
152 51.8 42.3 63.5

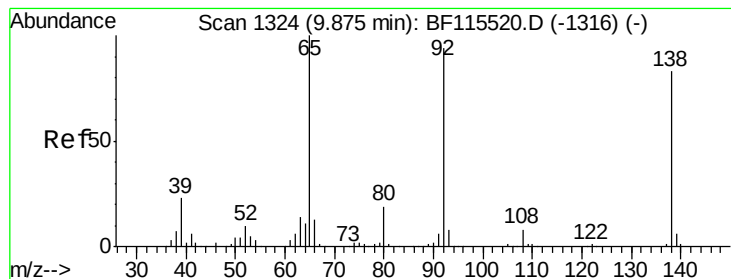


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.310 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampled :

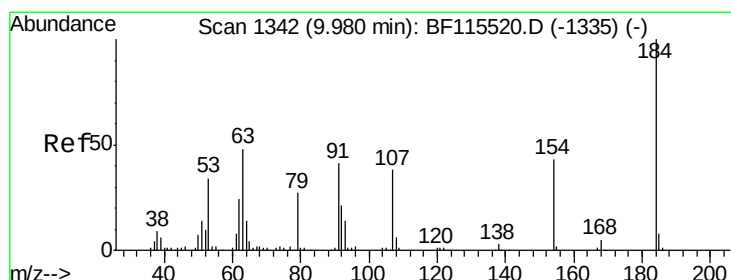
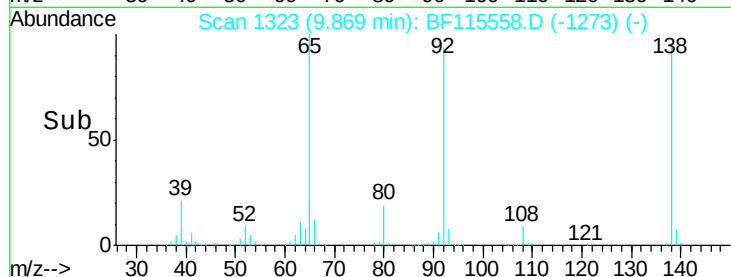
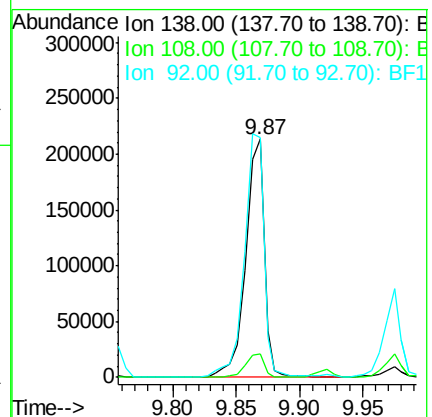
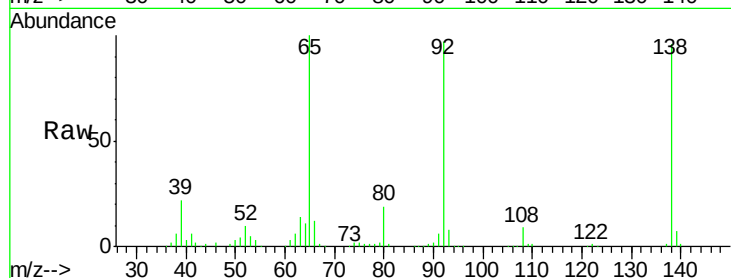
Tot Ion:138 Resp: 217355

Ion Ratio Lower Upper

138 100

108 9.7 8.4 12.6

92 100.9 88.0 132.0



#54

2,4-Dinitrophenol

Concen: 102.061 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

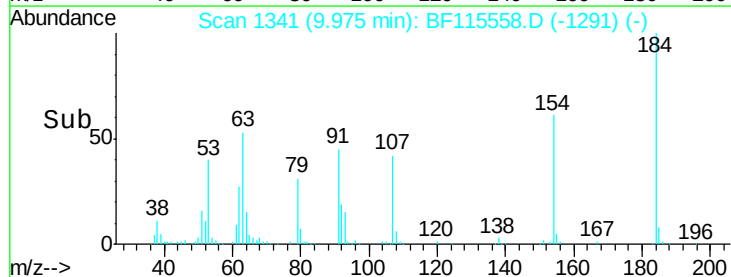
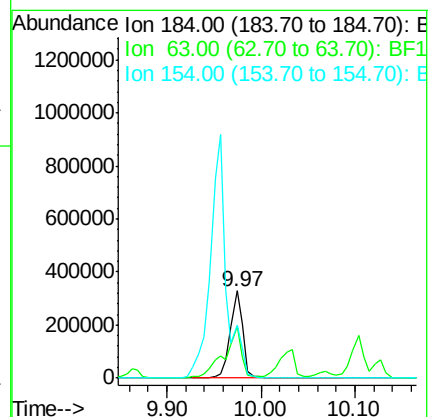
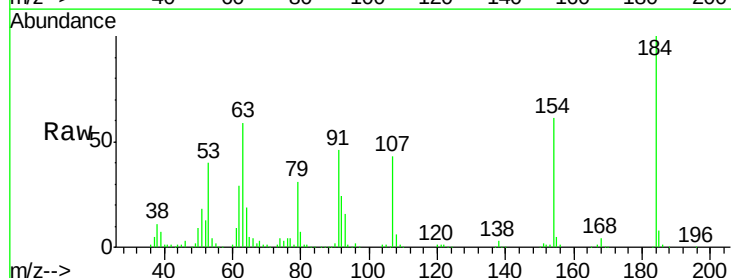
Tgt Ion:184 Resp: 308471

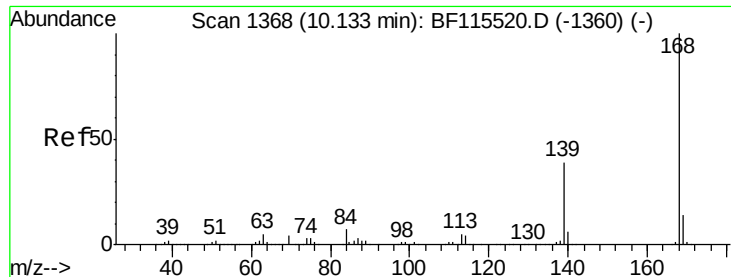
Ion Ratio Lower Upper

184 100

63 58.7 48.7 73.1

154 60.7 48.6 73.0

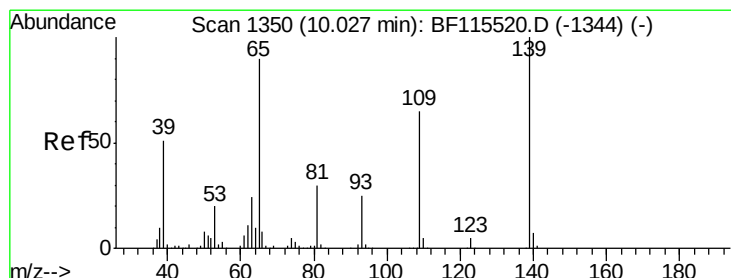
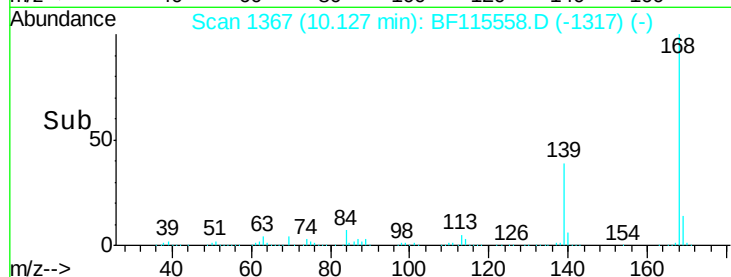
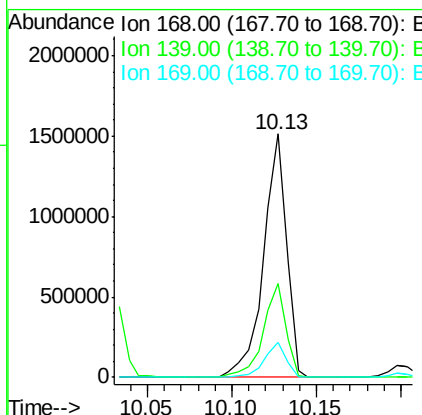
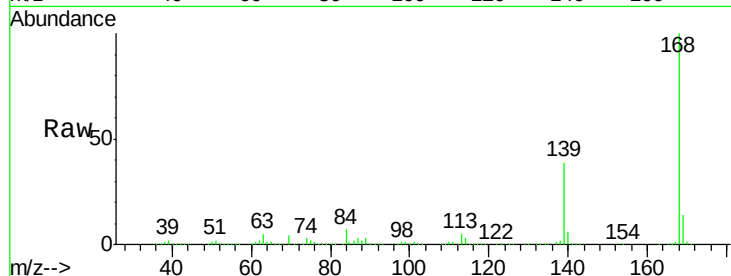




#55
Dibenzenofuran
Concen: 46.895 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

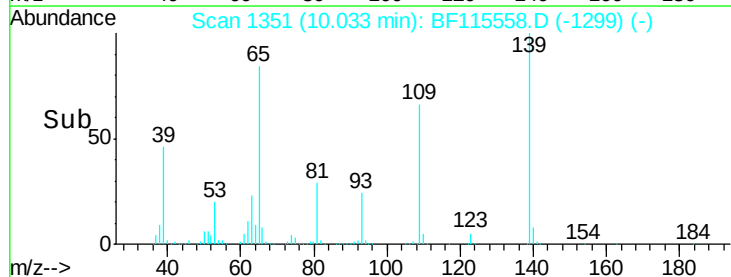
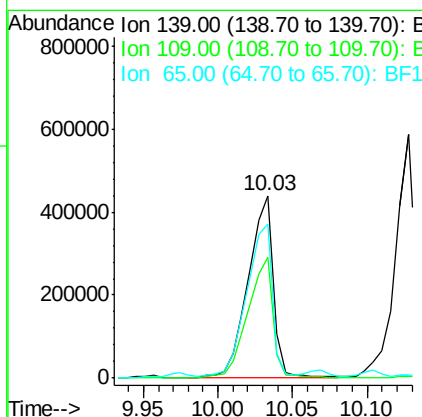
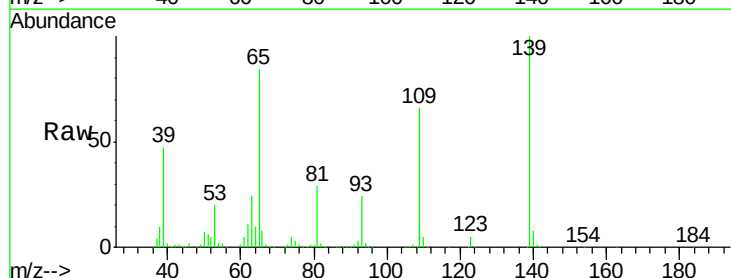
Instrument :
BNA_F
ClientSampleId :

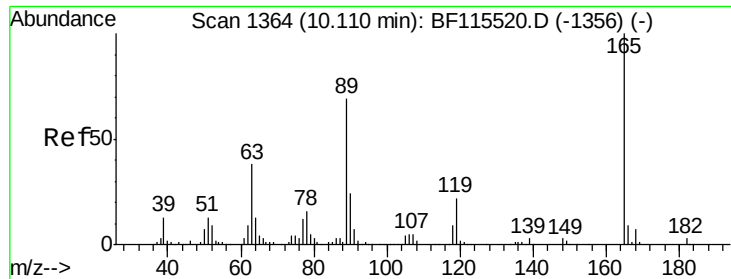
Tot Ion:168 Resp: 1427886
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 100.239 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:139 Resp: 514214
Ion Ratio Lower Upper
139 100
109 66.0 46.4 86.4
65 84.1 68.9 108.9





#57

2,4-Dinitrotoluene

Concen: 49.091 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 374407

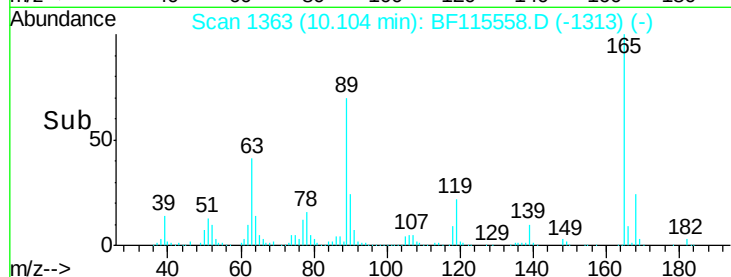
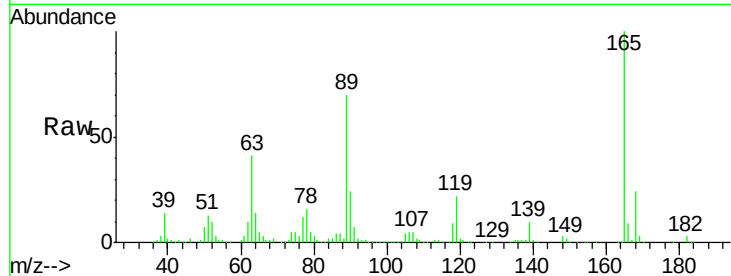
Ion Ratio Lower Upper

165 100

63 41.1 34.9 52.3

89 70.2 57.5 86.3

182 2.7 2.2 3.4

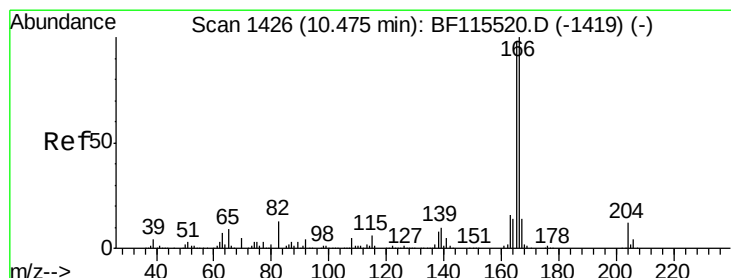
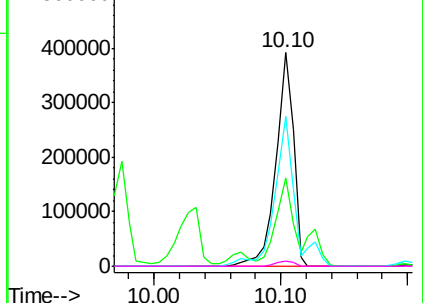


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.559 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

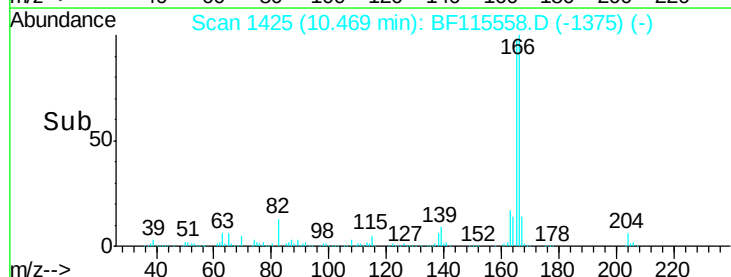
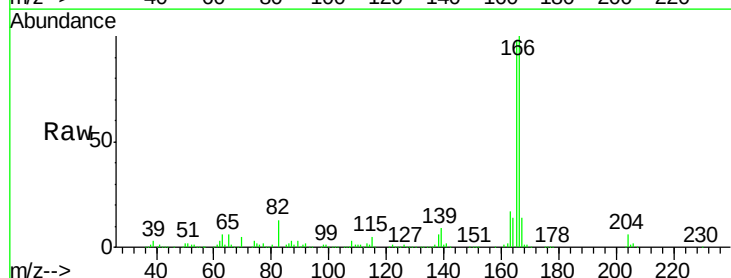
Tgt Ion:166 Resp: 1057005

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.6

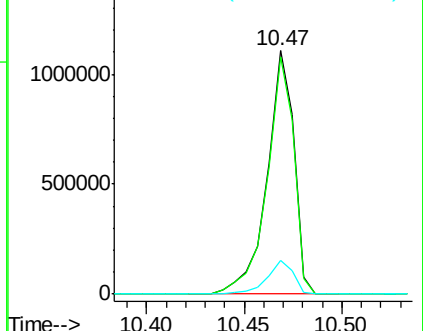
167 14.0 11.2 16.8

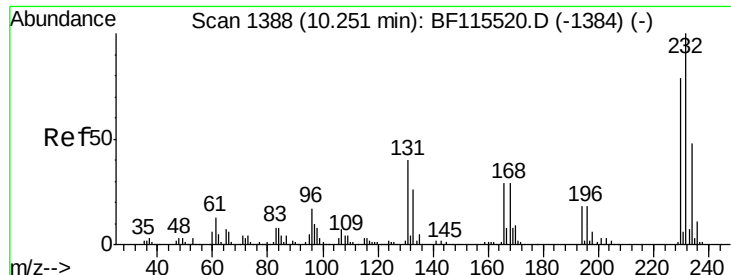


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

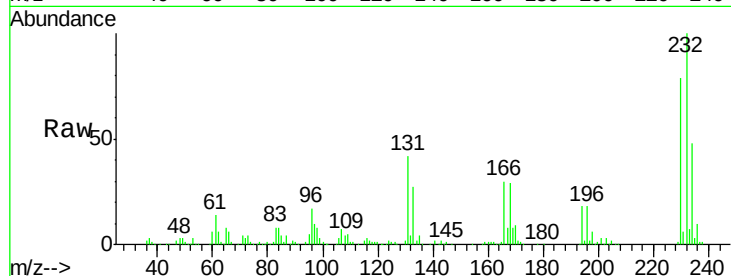




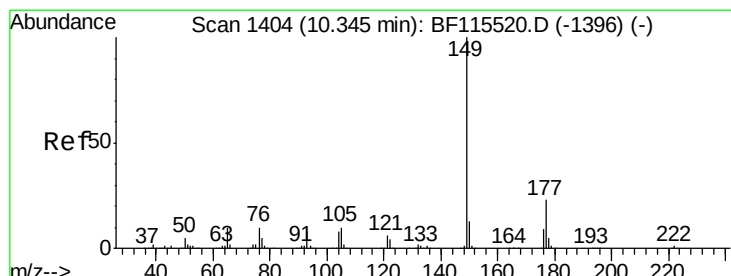
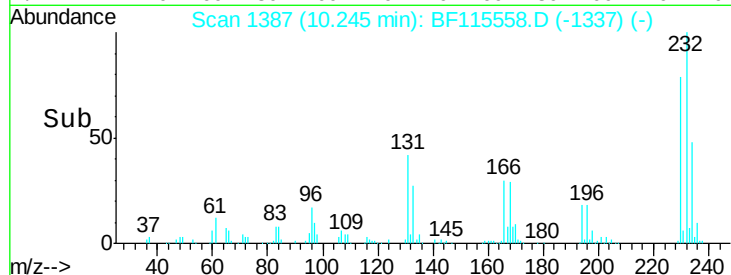
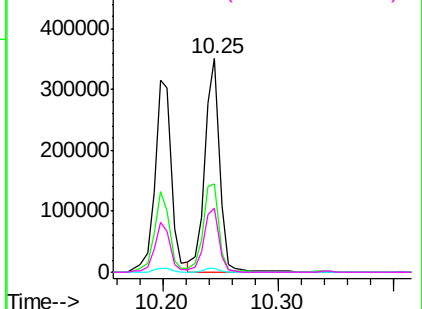
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.253 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 313211
Ion Ratio Lower Upper
232 100
131 45.7 35.9 53.9
130 2.1 1.8 2.6
166 31.7 24.8 37.2

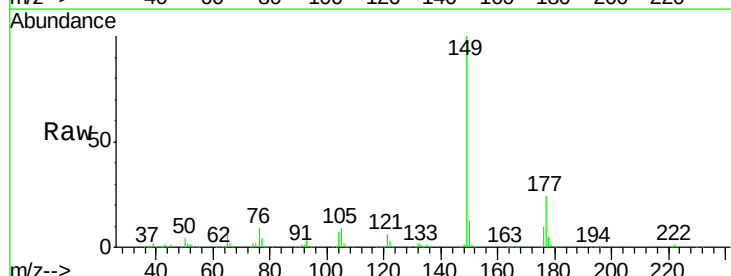


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

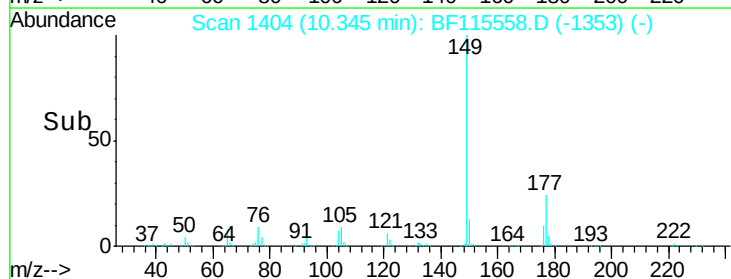
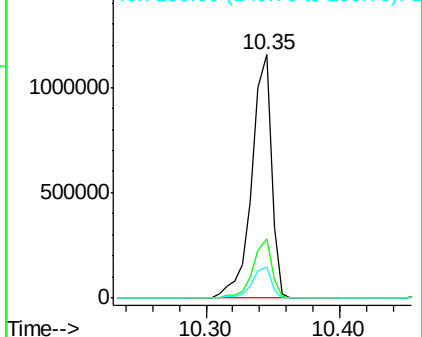


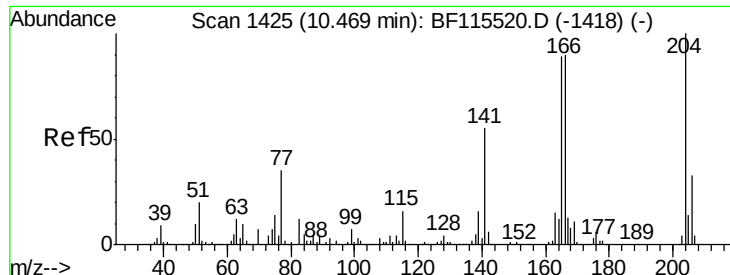
#60
Diethylphthalate
Concen: 47.879 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:149 Resp: 1162060
Ion Ratio Lower Upper
149 100
177 24.1 19.5 29.3
150 12.9 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

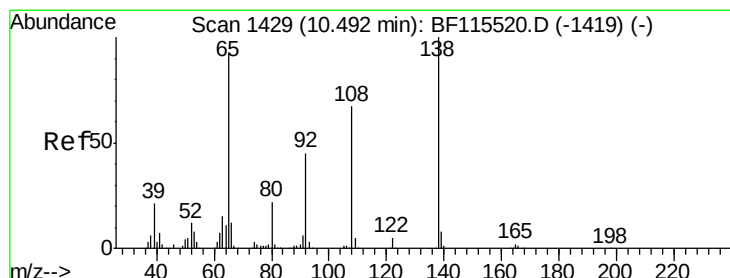
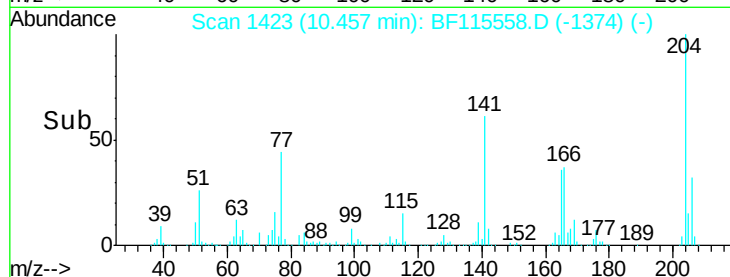
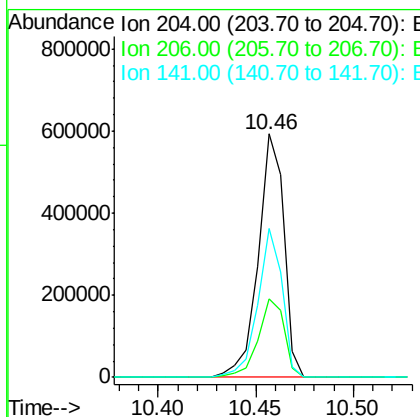
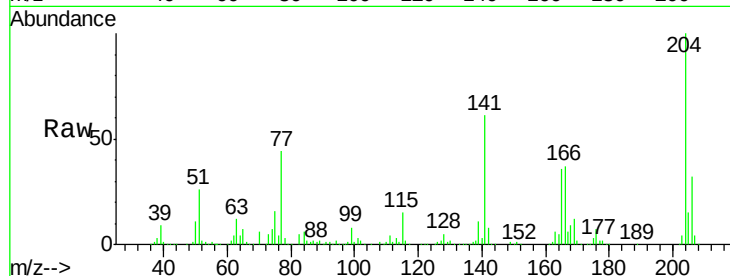




#61
 4-Chlorophenyl-phenylether
 Concen: 44.859 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

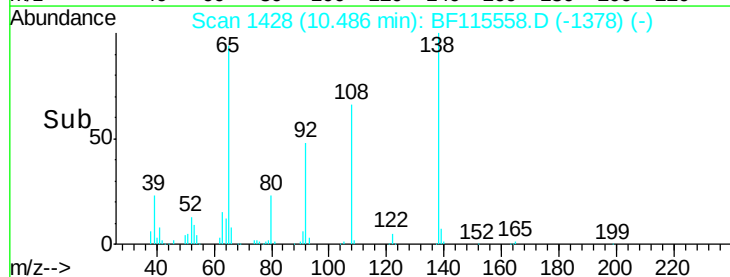
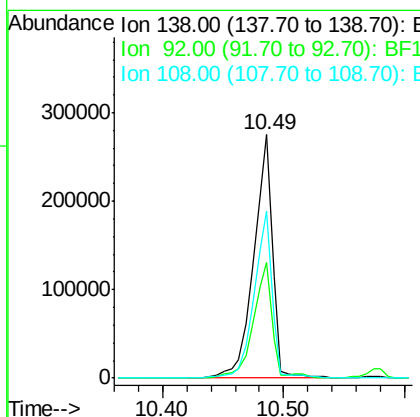
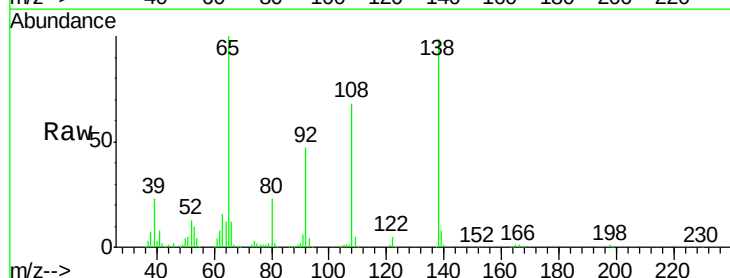
Instrument :
 BNA_F
 ClientSampled :

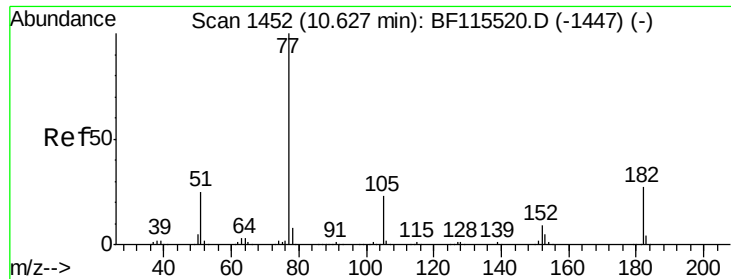
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	61.3	44.2	66.2



#62
 4-Nitroaniline
 Concen: 46.601 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	27.1	67.1
108	68.3	48.0	88.0

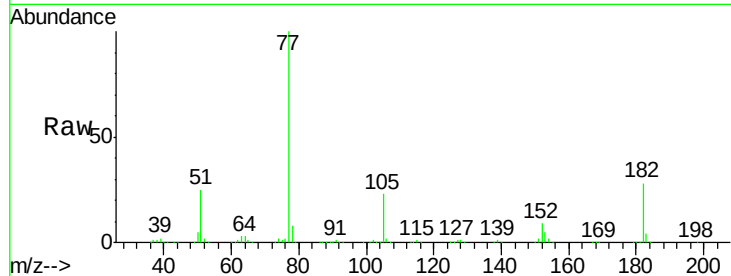




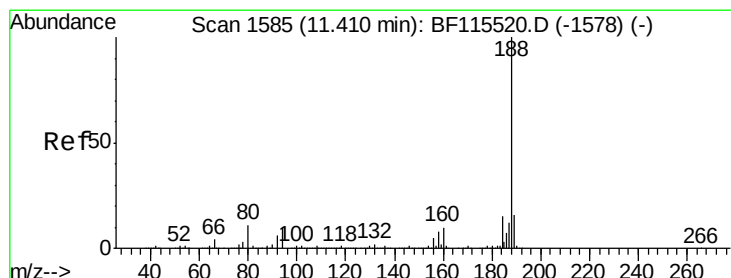
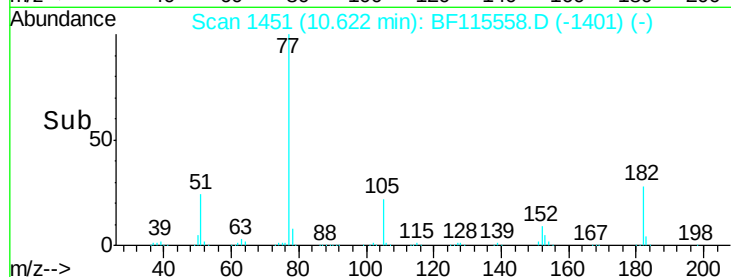
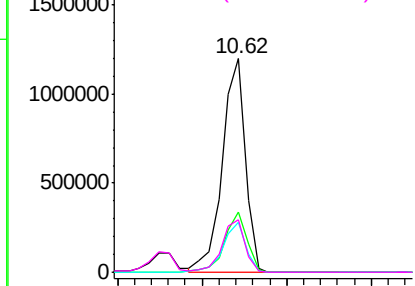
#63
Azobenzene
Concen: 48.209 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1134925
Ion Ratio Lower Upper
77 100
182 27.9 6.9 46.9
105 23.5 3.9 43.9
51 24.6 7.3 47.3

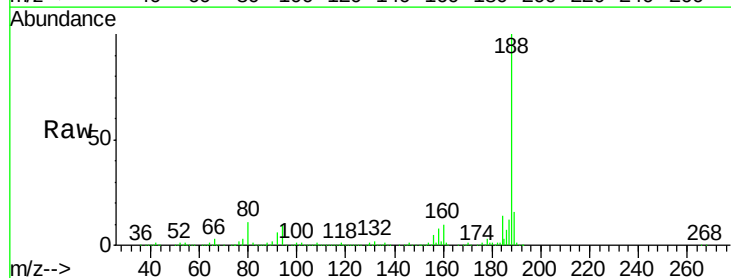


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

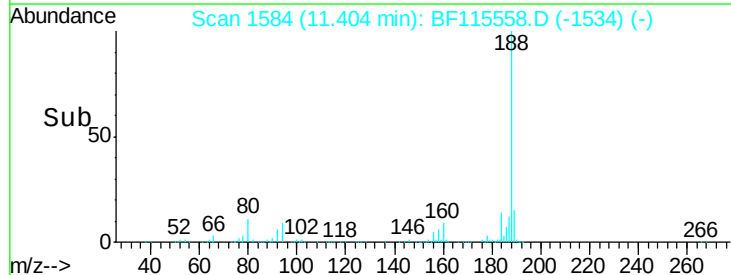
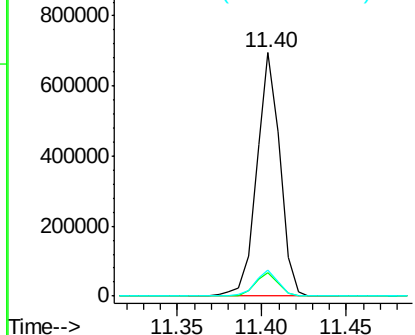


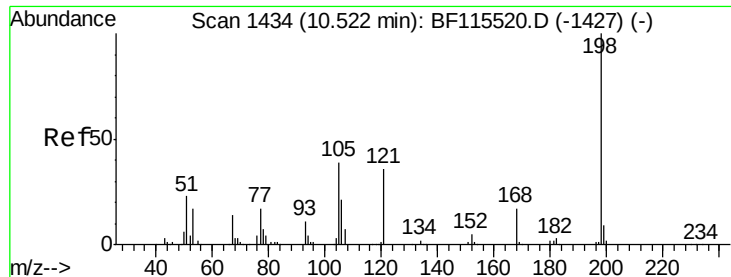
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion: 188 Resp: 660905
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.8 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: 50.769 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

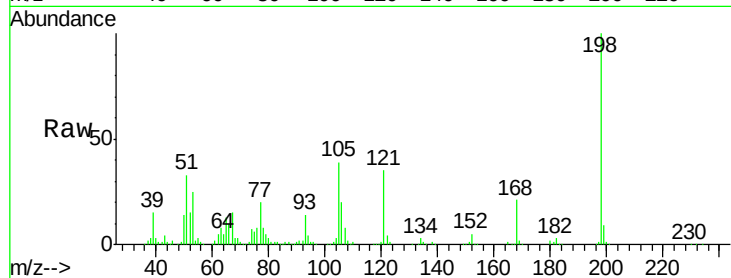
Tot Ion:198 Resp: 205002

Ion Ratio Lower Upper

198 100

51 33.1 19.1 59.1

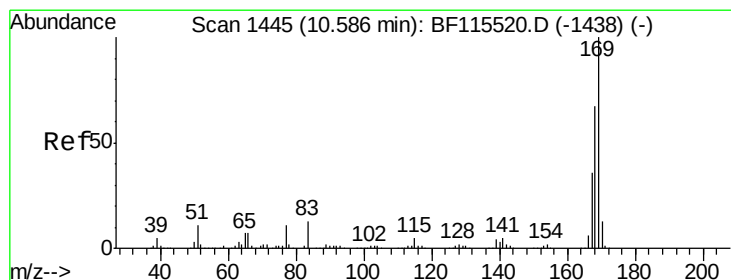
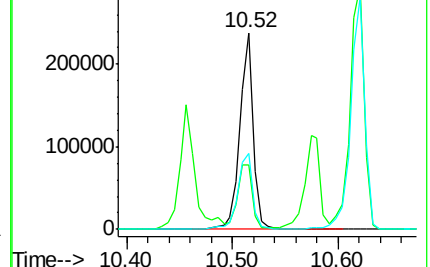
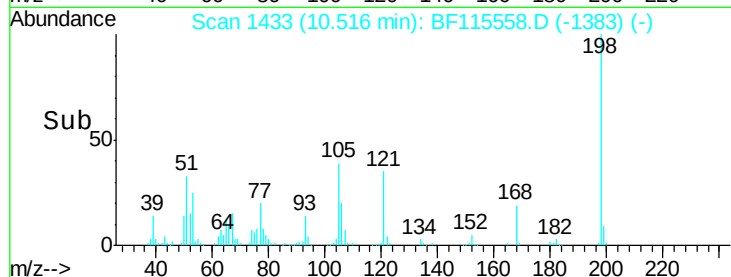
105 38.9 23.6 63.6



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: 47.783 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

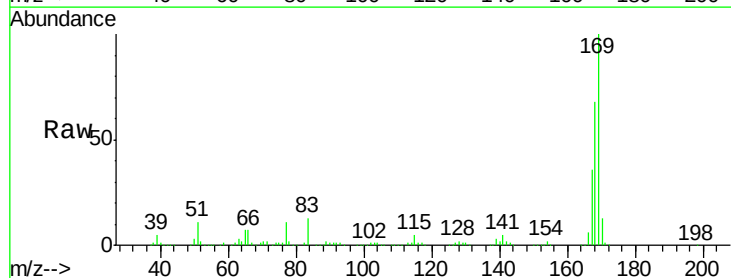
Tgt Ion:169 Resp: 982333

Ion Ratio Lower Upper

169 100

168 67.8 54.3 81.5

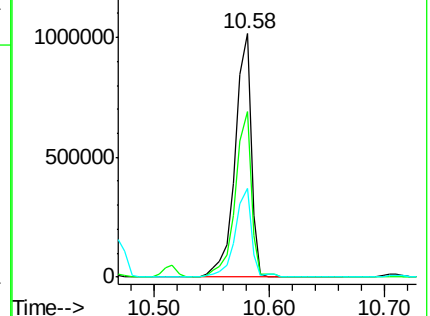
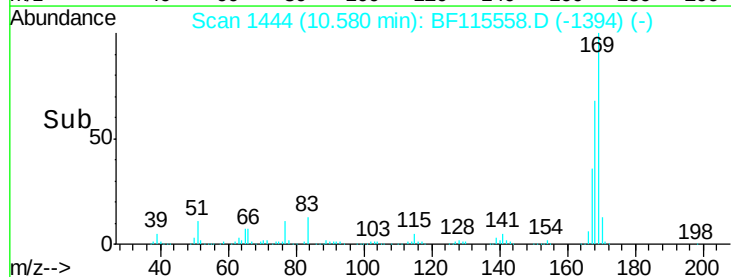
167 36.4 30.2 45.2

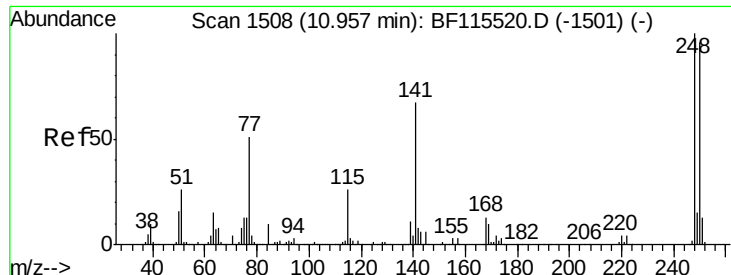


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

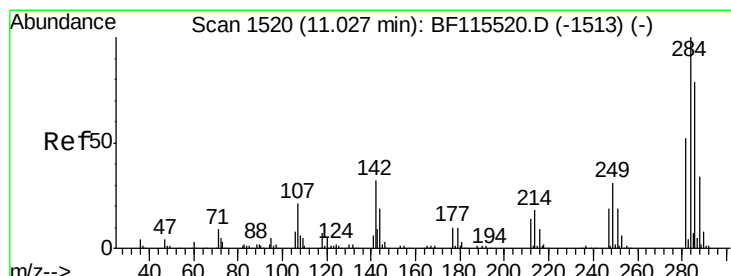
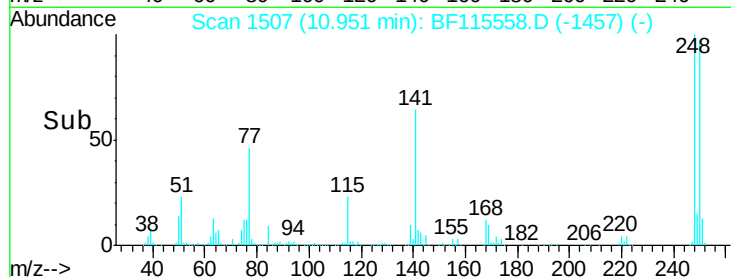
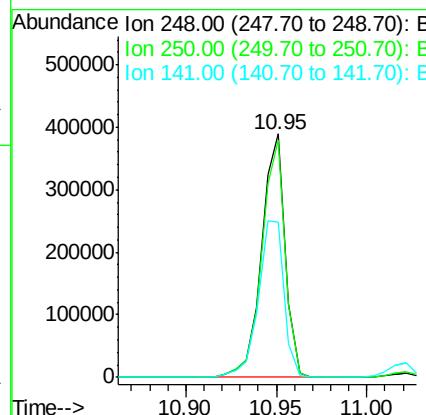
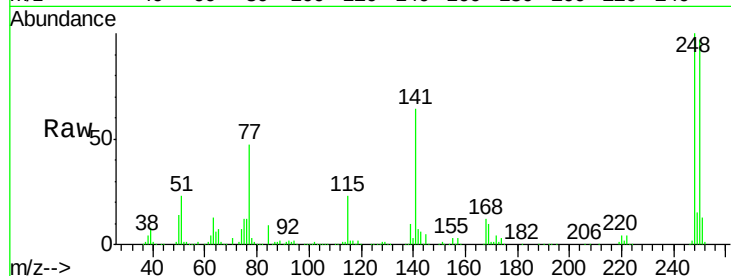




#67
 4-Bromophenyl-phenylether
 Concen: 46.489 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

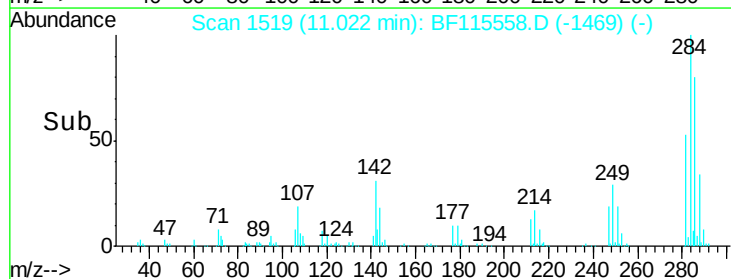
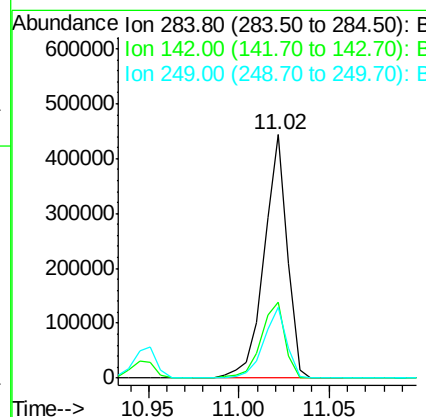
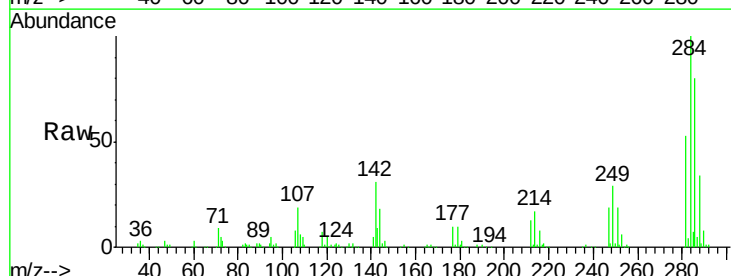
Instrument :
 BNA_F
 ClientSampled :

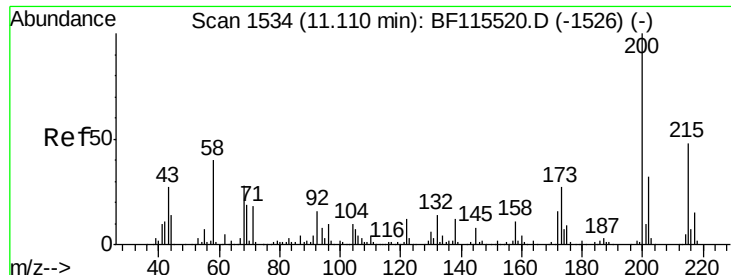
Tot Ion:248 Resp: 351115
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.0 117.0
 141 64.0 57.7 86.5



#68
 Hexachlorobenzene
 Concen: 45.554 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion:284 Resp: 392901
 Ion Ratio Lower Upper
 284 100
 142 31.3 22.2 33.2
 249 29.2 23.4 35.2

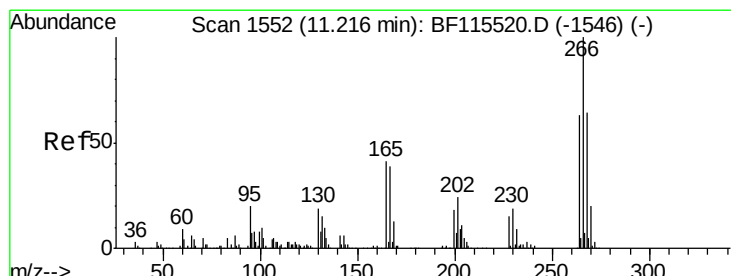
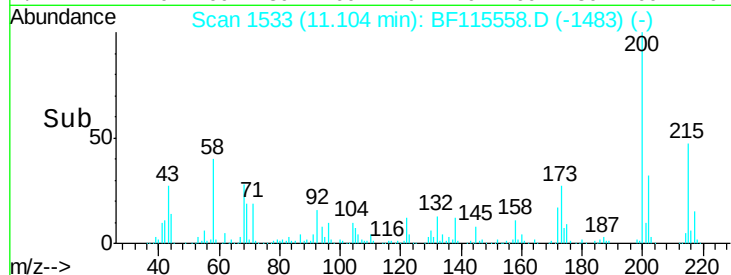
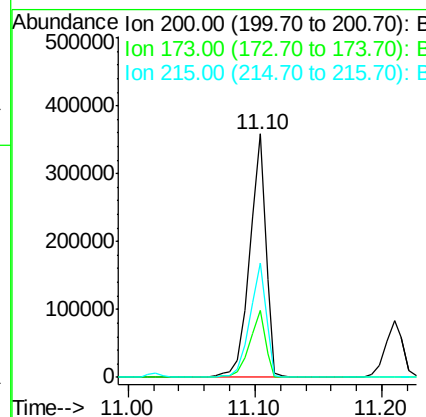
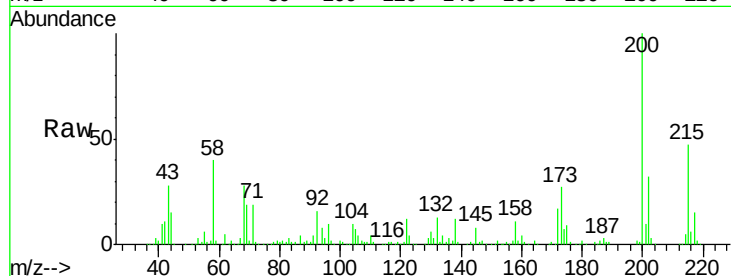




#69
Atrazine
Concen: 46.524 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

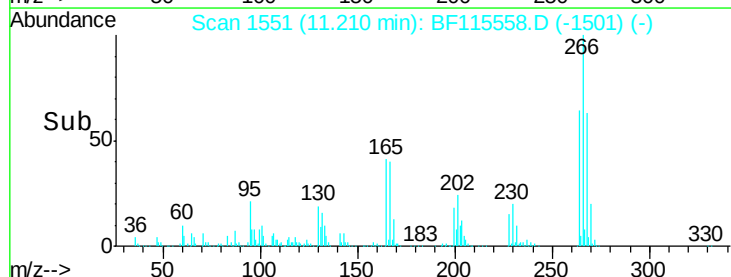
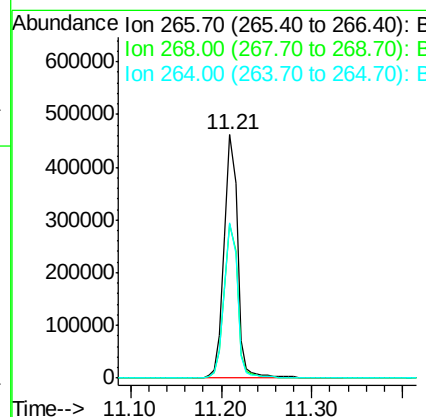
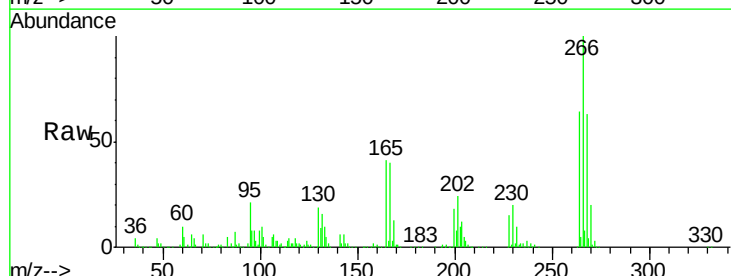
Instrument :
BNA_F
ClientSampled :

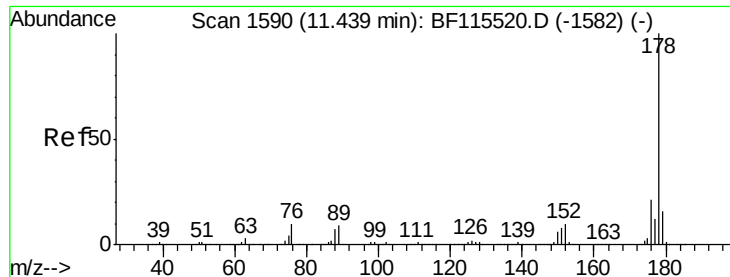
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.9	46.9
215	46.7	27.9	67.9



#70
Pentachlorophenol
Concen: 90.003 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.6	77.4
264	63.6	50.6	76.0





#71

Phenanthrene

Concen: 46.953 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

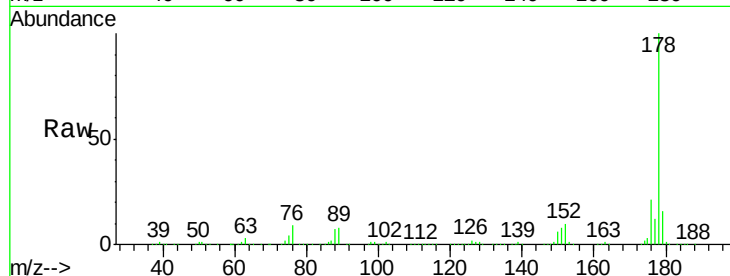
Tot Ion:178 Resp: 1590633

Ion Ratio Lower Upper

178 100

176 20.6 17.2 25.8

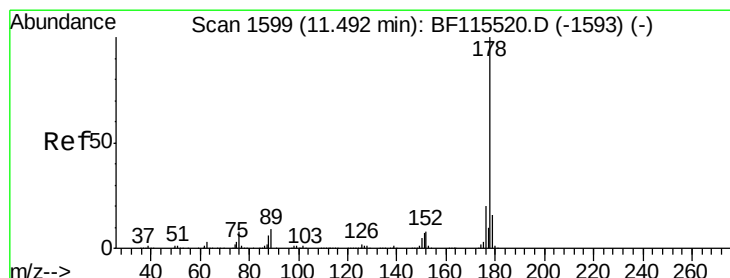
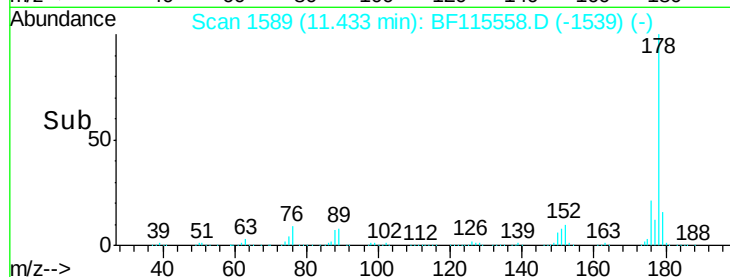
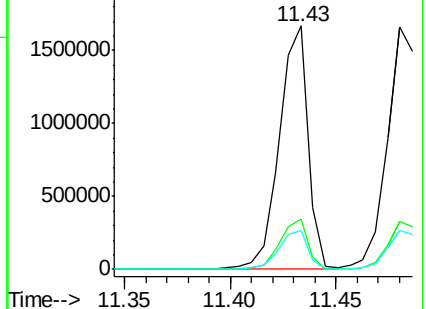
179 16.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.319 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

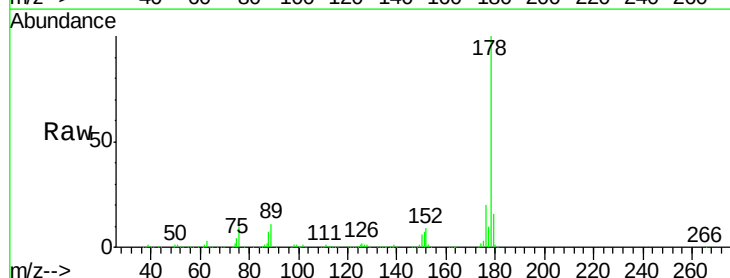
Tgt Ion:178 Resp: 1656695

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

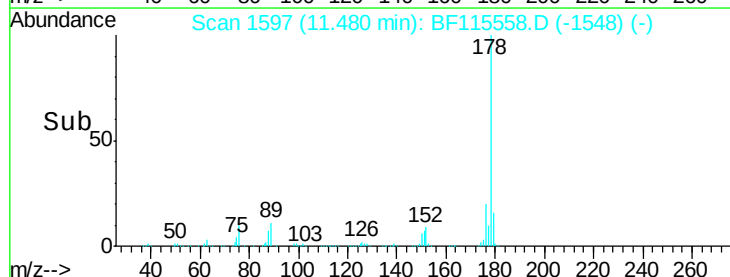
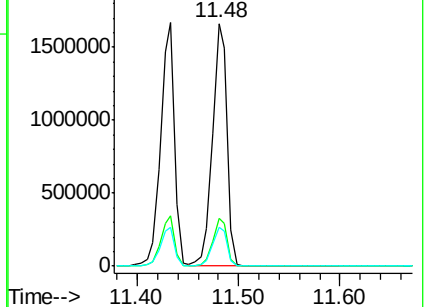
179 16.2 12.7 19.1

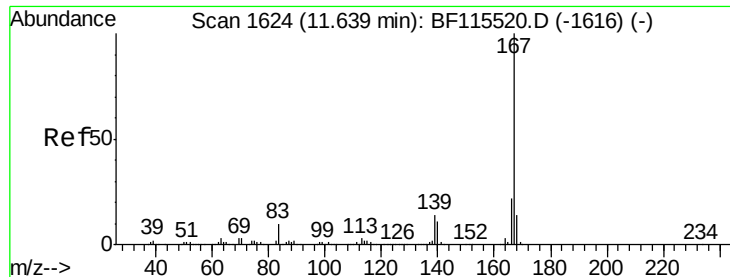


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

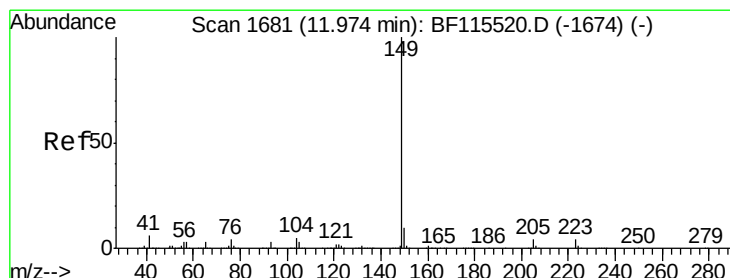
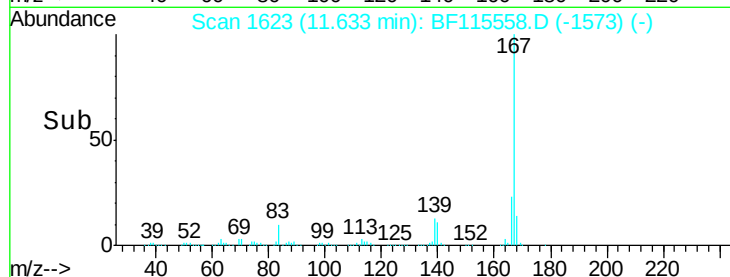
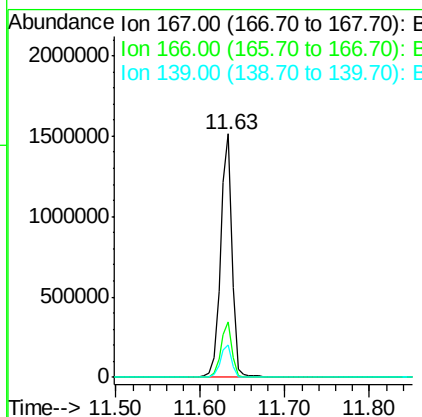
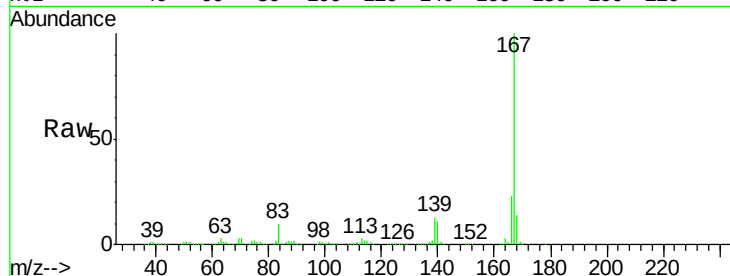




#73
 Carbazole
 Concen: 47.402 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

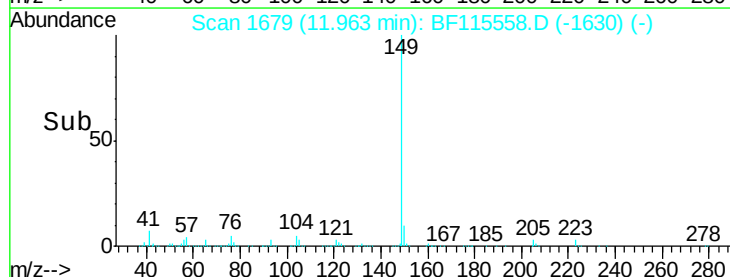
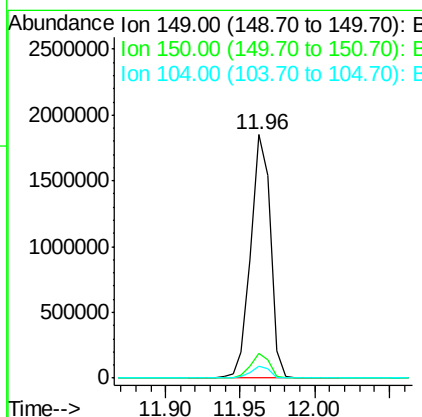
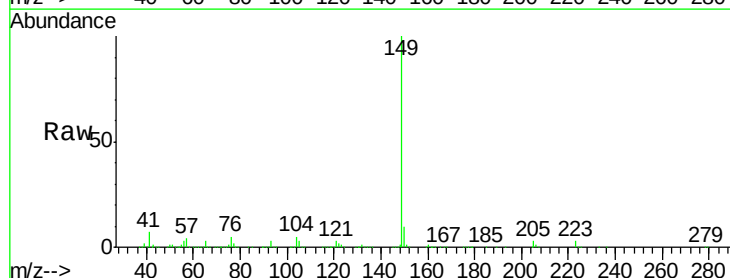
Instrument :
 BNA_F
 ClientSampleId :

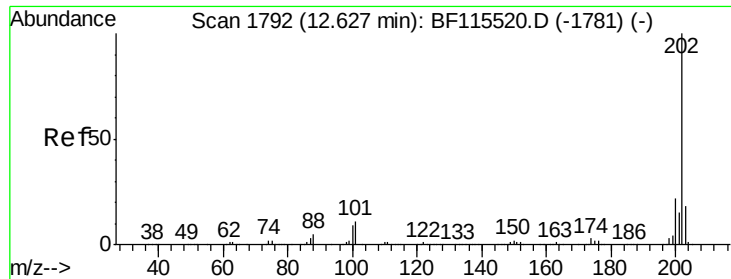
Tot Ion:167 Resp: 1455334
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.5 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 44.437 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115558.D
 Acq: 15 Jul 2019 16:05

Tgt Ion:149 Resp: 1680509
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.2 3.8 5.8

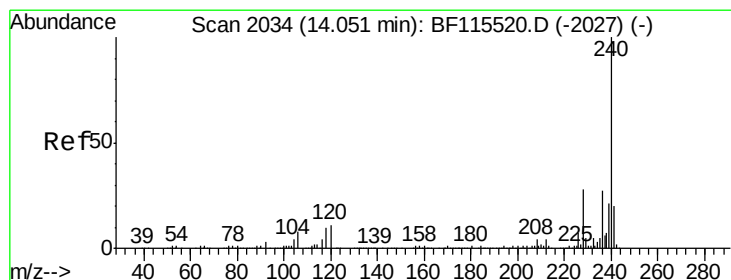
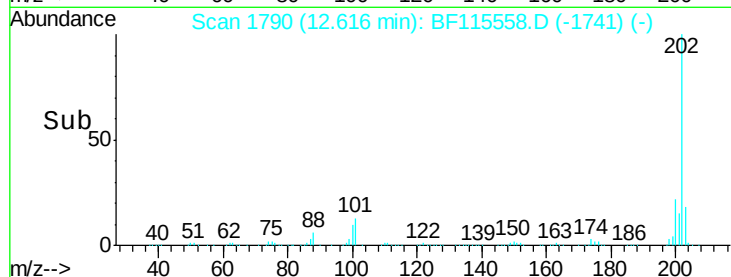
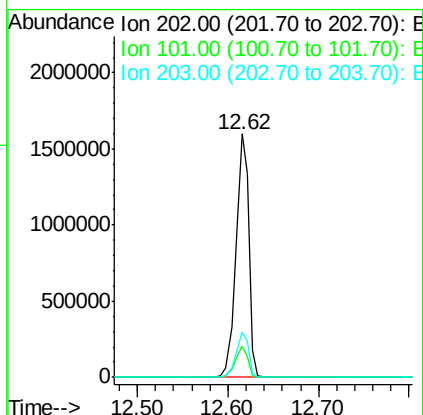
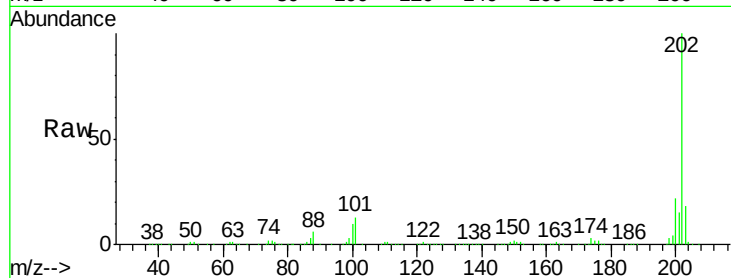




#75
Fluoranthene
Concen: 44.847 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

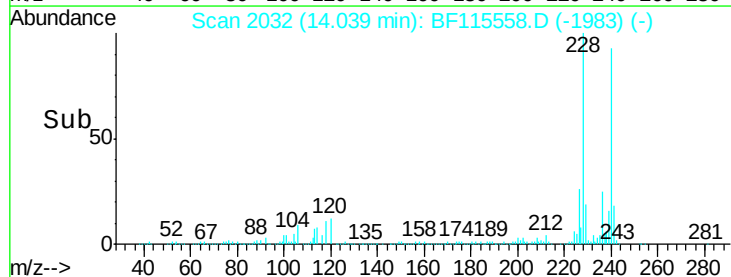
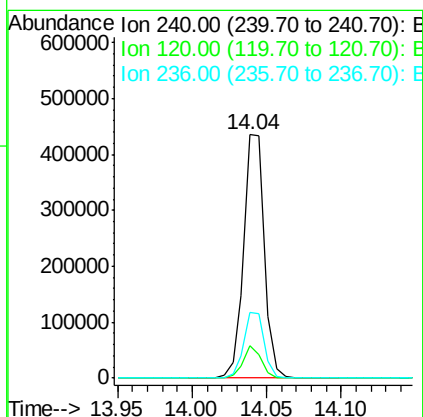
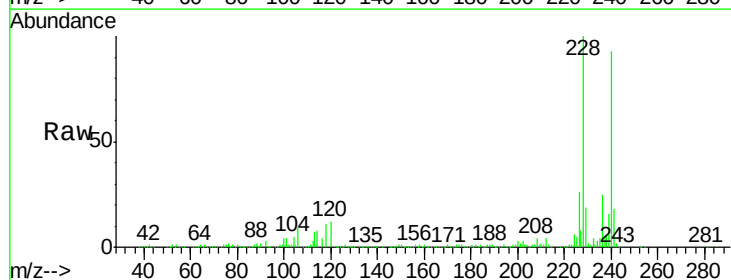
Instrument :
BNA_F
ClientSampleId :

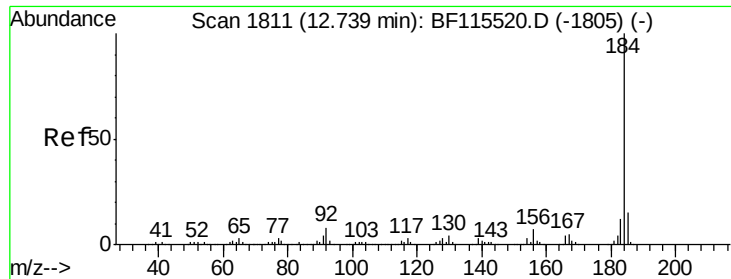
Tot Ion:202 Resp: 1605485
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 18.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:240 Resp: 418560
Ion Ratio Lower Upper
240 100
120 13.3 8.6 13.0#
236 27.1 21.3 31.9





#77

Benzidine

Concen: 56.011 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampled :

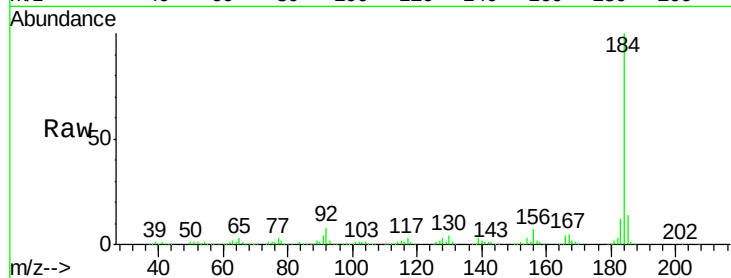
Tot Ion:184 Resp: 830511

Ion Ratio Lower Upper

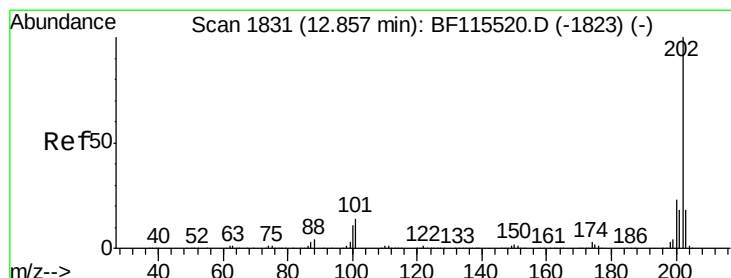
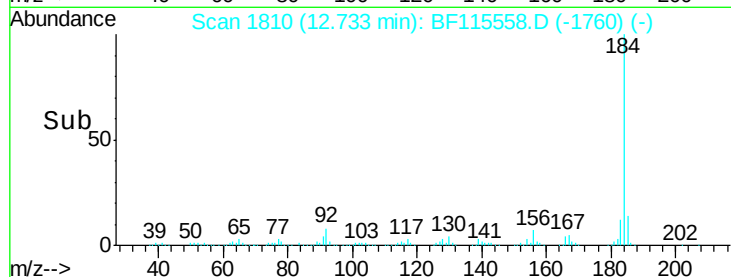
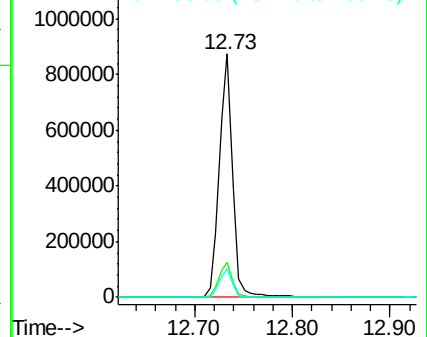
184 100

185 14.4 12.0 18.0

183 11.8 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: 45.237 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

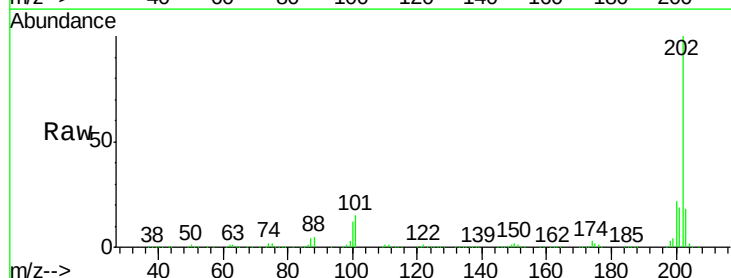
Tgt Ion:202 Resp: 1604207

Ion Ratio Lower Upper

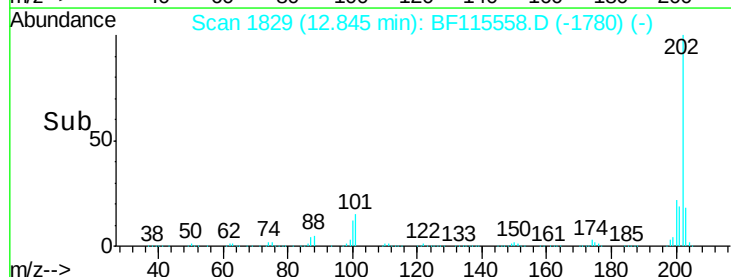
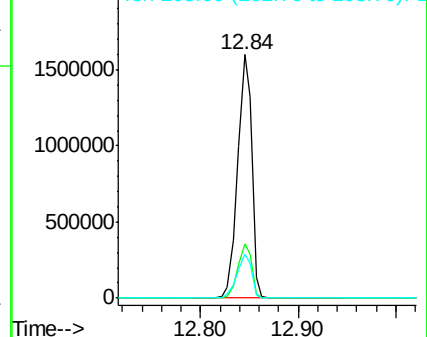
202 100

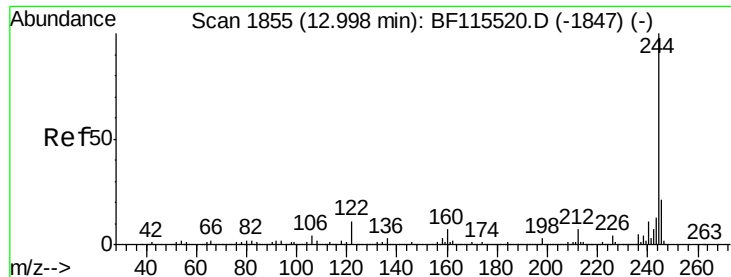
200 22.2 18.7 28.1

203 18.2 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: 91.199 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampled :

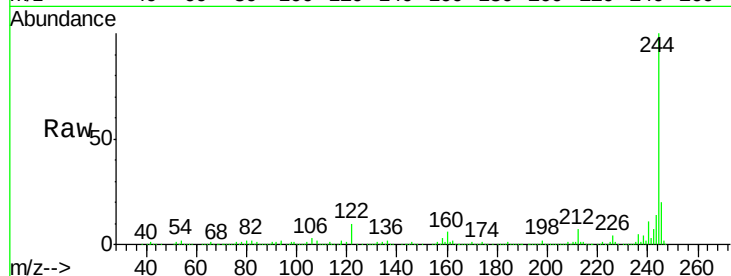
Tot Ion:244 Resp: 2068778

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

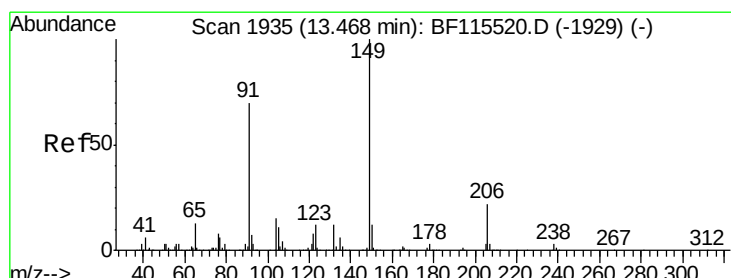
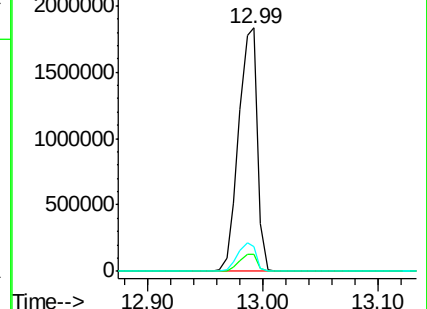
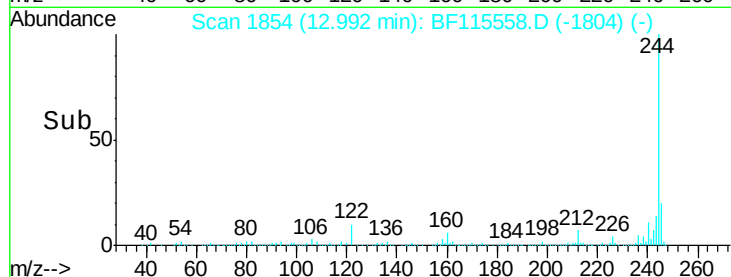
122 10.0 8.6 12.8



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: 45.518 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

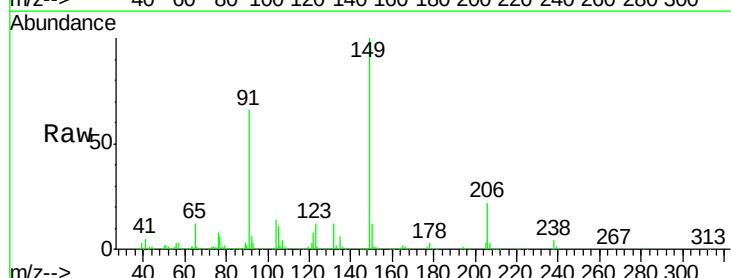
Tgt Ion:149 Resp: 688104

Ion Ratio Lower Upper

149 100

91 66.3 55.8 83.8

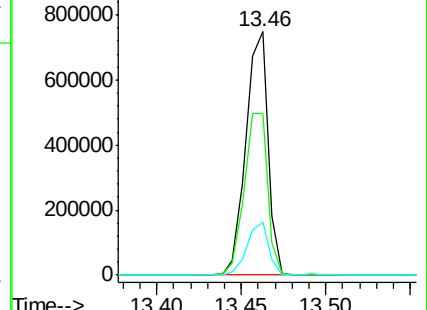
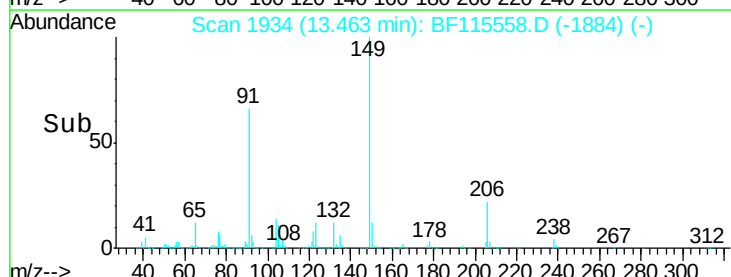
206 21.7 18.2 27.2

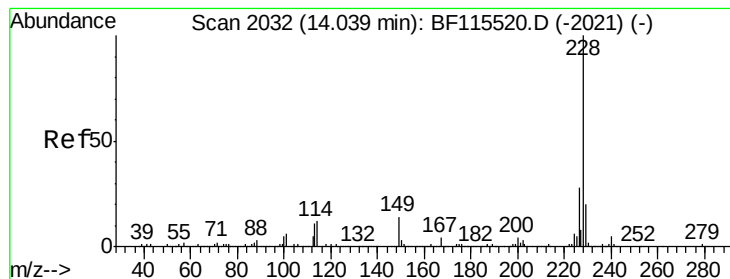


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.323 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

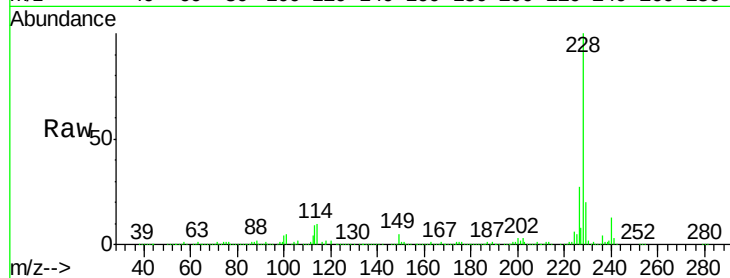
Tot Ion:228 Resp: 1277340

Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.0

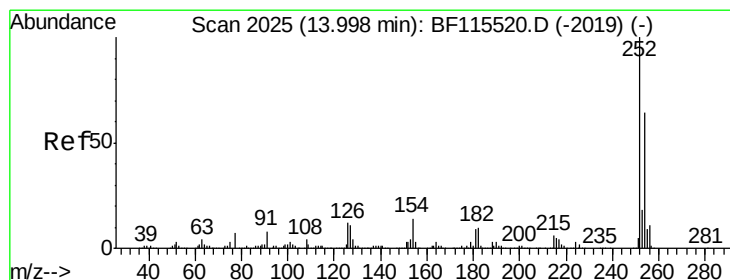
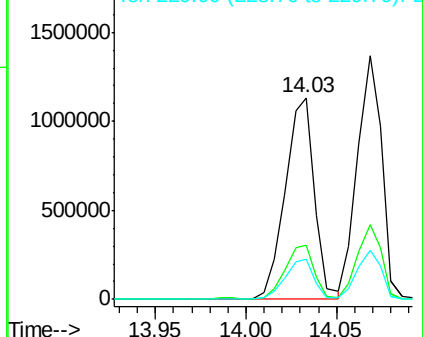
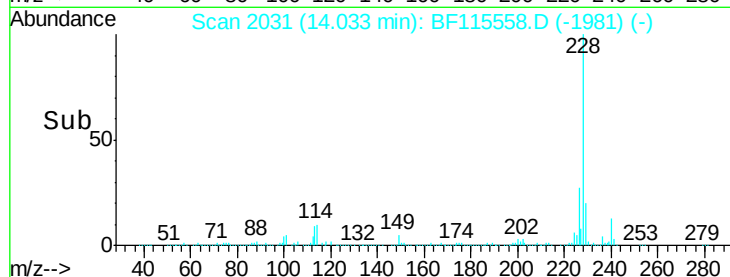
229 20.0 17.2 25.8



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: 38.609 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

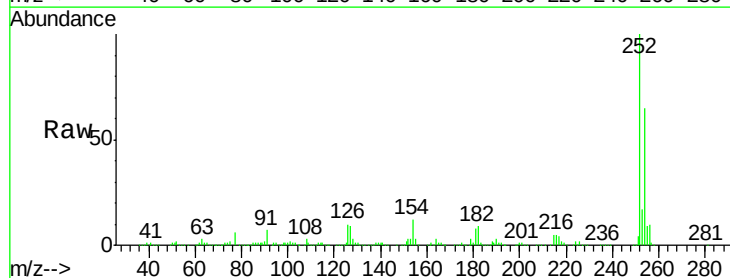
Tgt Ion:252 Resp: 378476

Ion Ratio Lower Upper

252 100

254 64.5 52.9 79.3

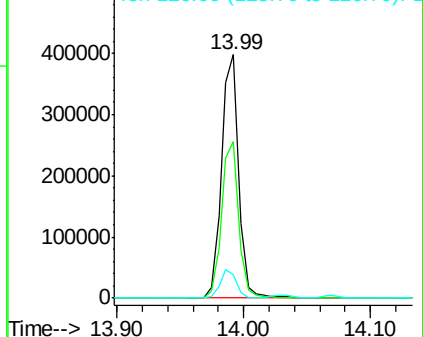
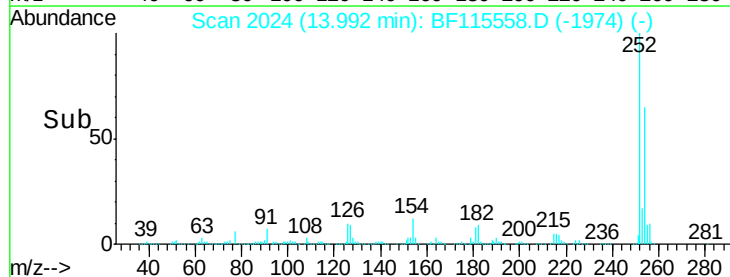
126 9.6 9.9 14.9#

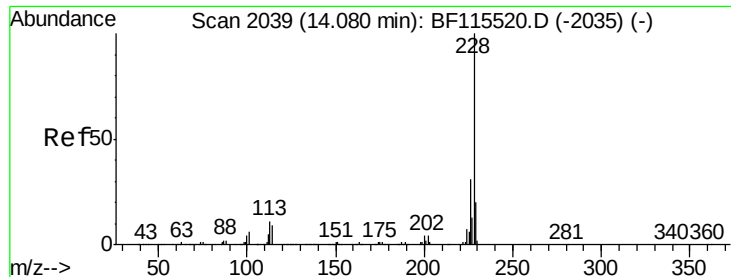


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.648 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

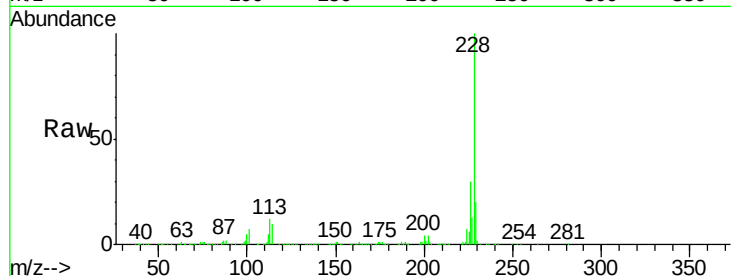
Tot Ion:228 Resp: 1291270

Ion Ratio Lower Upper

228 100

226 30.5 25.7 38.5

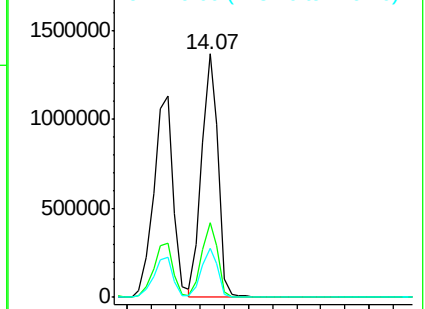
229 20.2 16.6 25.0



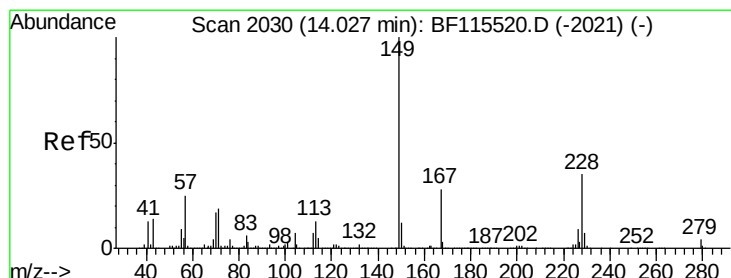
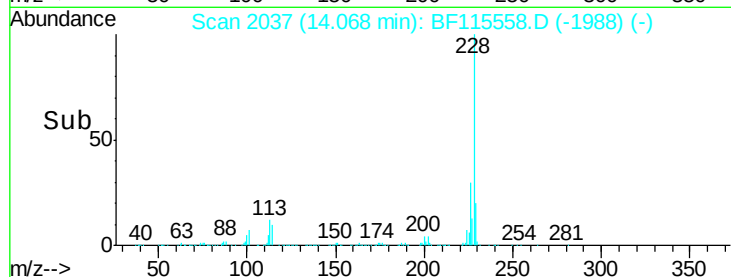
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 14.00 14.10 14.20



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.813 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

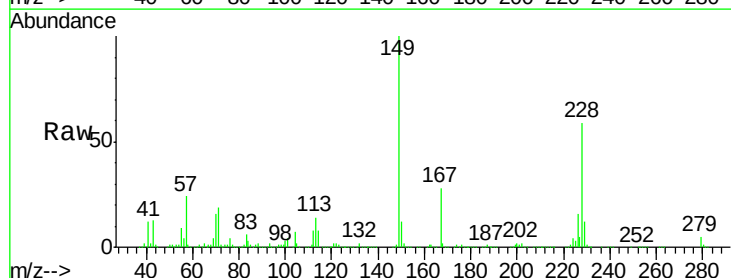
Tgt Ion:149 Resp: 857876

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

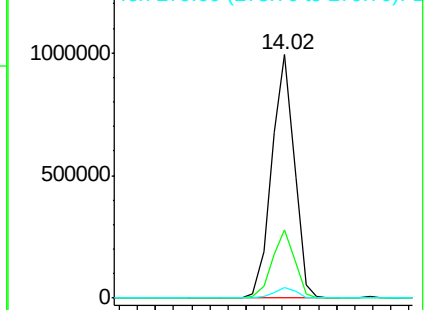
279 4.6 4.2 6.2



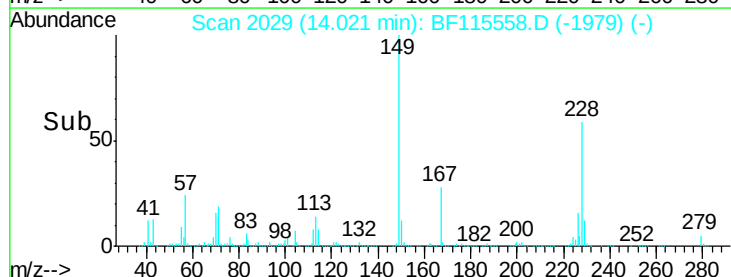
Abundance Ion 149.00 (148.70 to 149.70): E

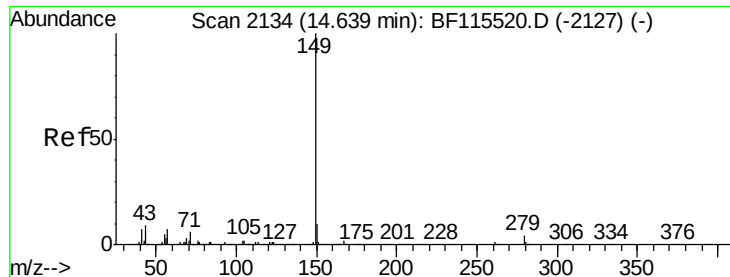
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.95 14.00 14.05





#85

Di-n-octyl phthalate

Concen: 51.864 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

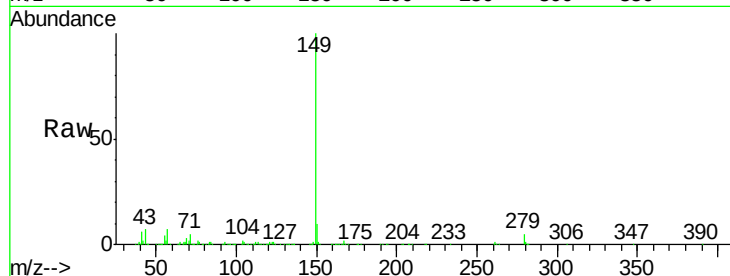
Tot Ion:149 Resp: 1545246

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

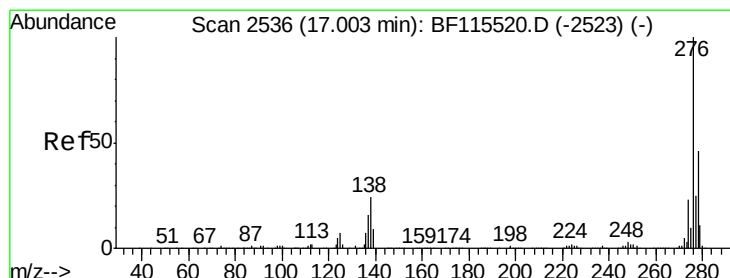
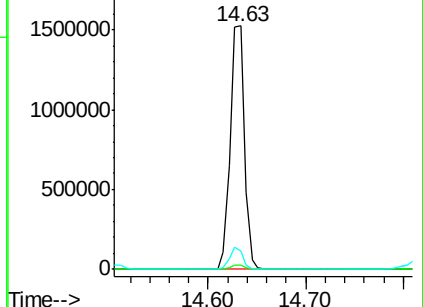
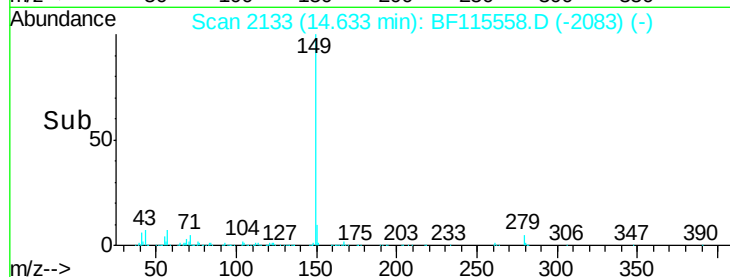
43 8.3 7.2 10.8



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: 46.037 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

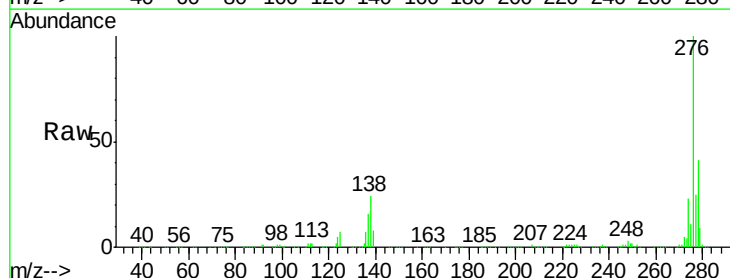
Tgt Ion:276 Resp: 1082673

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.2

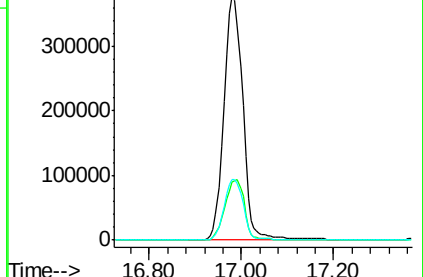
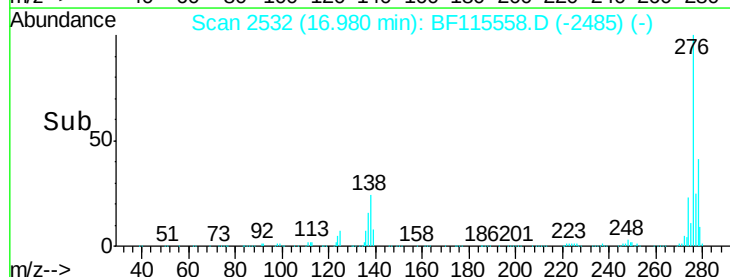
277 25.3 20.4 30.6

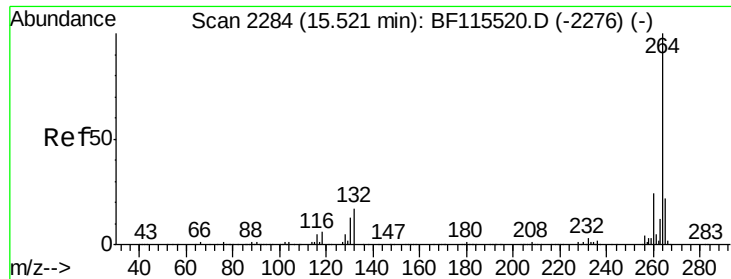


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

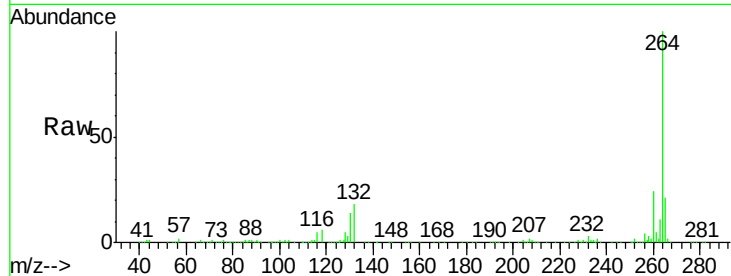
Tot Ion:264 Resp: 396002

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

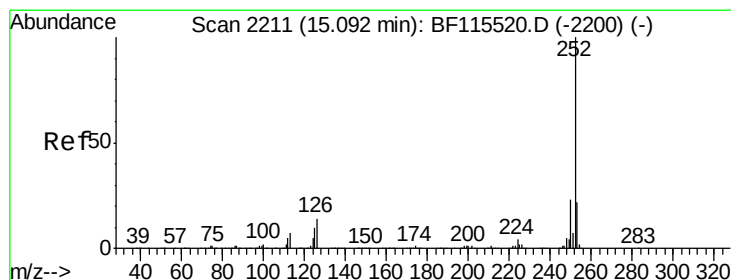
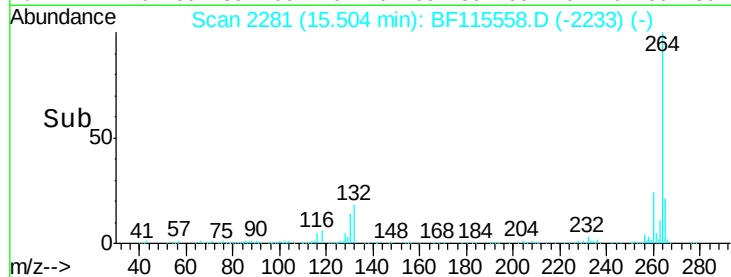
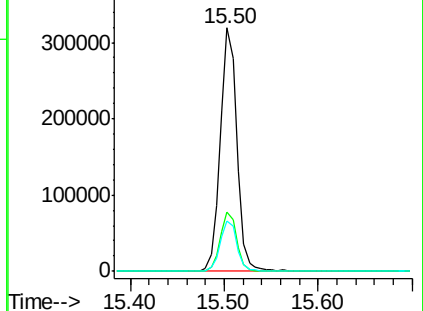
265 20.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.388 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

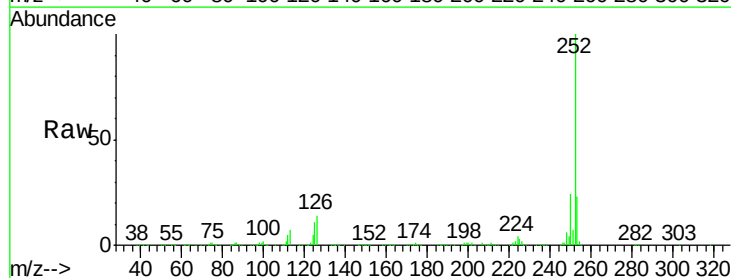
Tgt Ion:252 Resp: 1208370

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

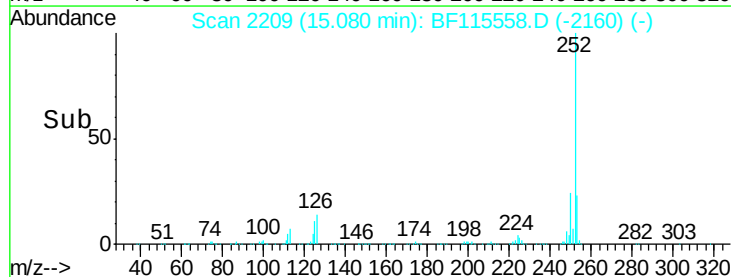
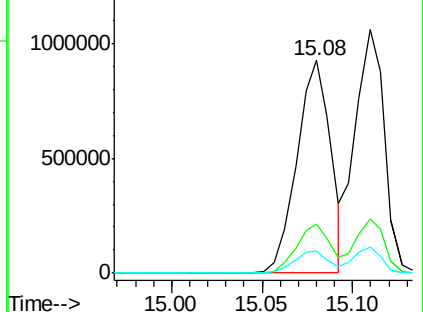
125 10.6 9.0 13.4

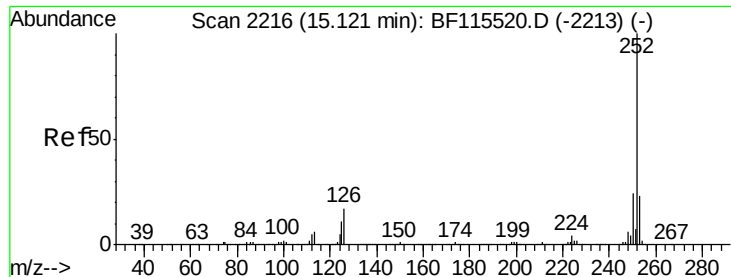


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

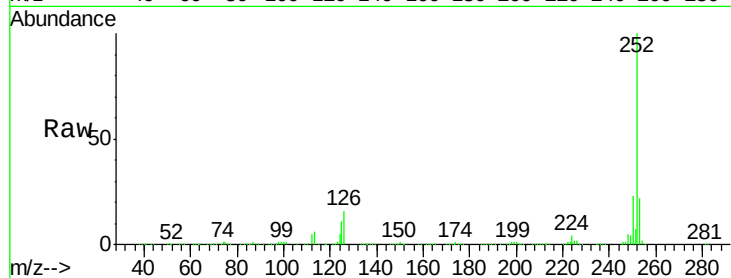




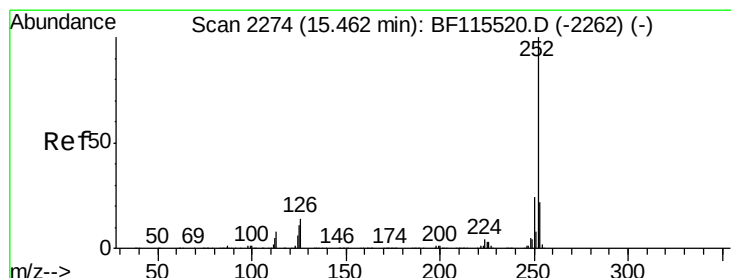
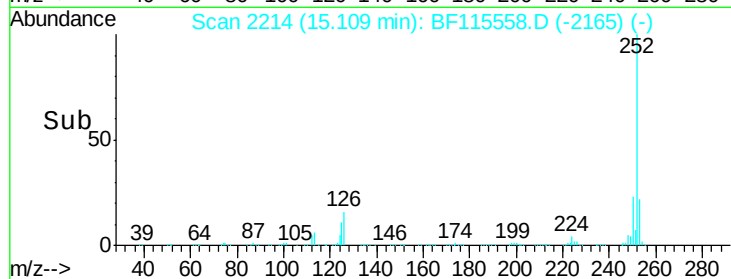
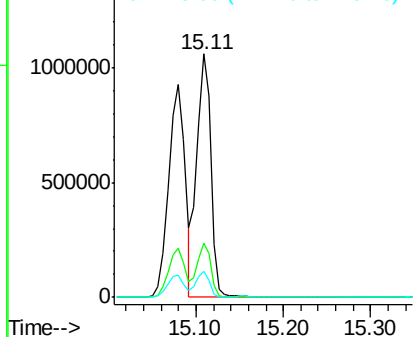
#89
Benzo(k)fluoranthene
Concen: 53.090 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1206948
Ion Ratio Lower Upper
252 100
253 22.1 18.6 28.0
125 10.9 9.0 13.6

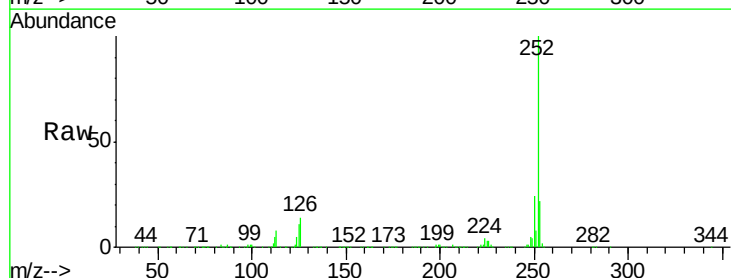


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

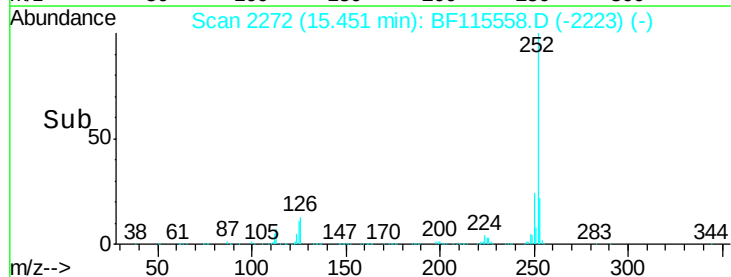
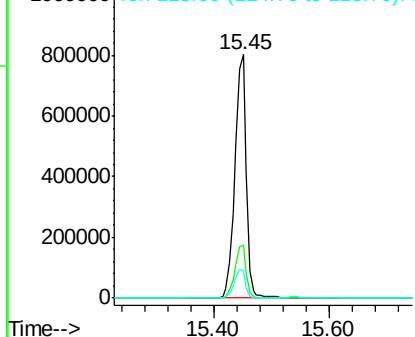


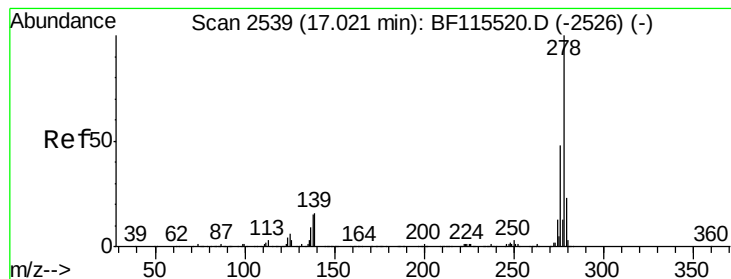
#90
Benzo(a)pyrene
Concen: 49.829 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115558.D
Acq: 15 Jul 2019 16:05

Tgt Ion:252 Resp: 1092080
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.580 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

Instrument :

BNA_F

ClientSampleId :

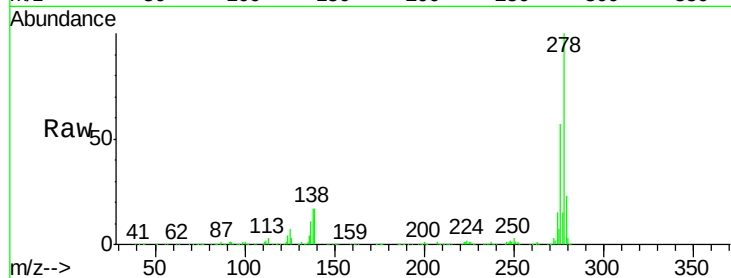
Tot Ion:278 Resp: 915464

Ion Ratio Lower Upper

278 100

139 16.9 13.1 19.7

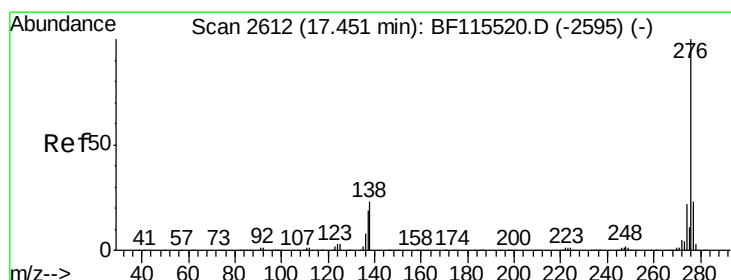
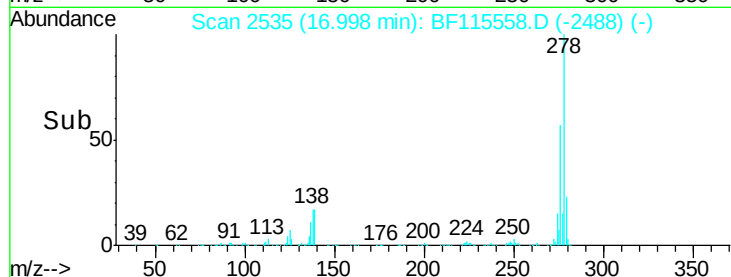
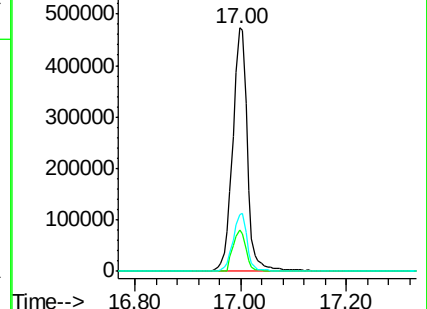
279 23.2 19.6 29.4



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: 45.022 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115558.D

Acq: 15 Jul 2019 16:05

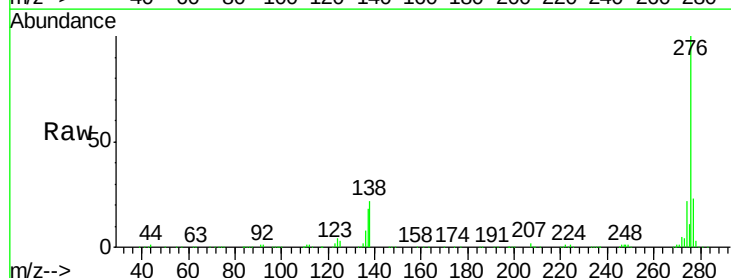
Tgt Ion:276 Resp: 863918

Ion Ratio Lower Upper

276 100

277 22.5 19.0 28.4

138 21.5 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

