

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115644.D
 Acq On : 18 Jul 2019 13:12
 Operator : HP/JU
 Sample : PB121483BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:40:23 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	6.89	152	201827	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	867493	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	439811	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	817716	20.00	ng	0.00
76) Chrysene-d12	14.04	240	501701	20.00	ng	0.00
87) Perylene-d12	15.51	264	352754	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1308011	106.01	ng	0.02
7) Phenol-d6	6.52	99	1649038	105.33	ng	0.00
23) Nitrobenzene-d5	7.45	82	1065371	71.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	494562	96.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1855600	73.85	ng	0.00
79) Terphenyl-d14	12.99	244	1954957	71.90	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	189005	30.708	ng	98
3) Pyridine	3.53	79	482705	28.907	ng	98
4) n-Nitrosodimethylamine	3.48	42	219129	36.172	ng	98
6) Aniline	6.55	93	500327	22.963	ng	100
8) 2-Chlorophenol	6.67	128	522093	36.803	ng	98
9) Benzaldehyde	6.43	77	49816	5.092	ng	98
10) Phenol	6.53	94	633043	34.830	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	492634	35.601	ng	98
12) 1,3-Dichlorobenzene	6.83	146	535799	33.593	ng	100
13) 1,4-Dichlorobenzene	6.90	146	537878	33.799	ng	97
14) 1,2-Dichlorobenzene	7.06	146	503010	34.577	ng	97
15) Benzyl Alcohol	7.03	79	456757	36.776	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	671046	36.835	ng	98
17) 2-Methylphenol	7.14	107	458831	37.531	ng	98
18) Hexachloroethane	7.40	117	202841	34.340	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	373097	36.539	ng	98
20) 3+4-Methylphenols	7.29	107	535981	36.909	ng	95
22) Acetophenone	7.29	105	720937	36.786	ng	# 99
24) Nitrobenzene	7.46	77	590030	36.667	ng	96
25) Isophorone	7.70	82	1101709	36.904	ng	99
26) 2-Nitrophenol	7.78	139	301614	36.415	ng	98
27) 2,4-Dimethylphenol	7.82	122	518714	41.856	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	663309	36.218	ng	99
29) 2,4-Dichlorophenol	8.02	162	487963	37.861	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	518187	35.569	ng	98
31) Naphthalene	8.19	128	1526308	36.330	ng	98
32) Benzoic acid	7.95	122	374204	36.794	ng	98
33) 4-Chloroaniline	8.23	127	416151	22.362	ng	97
34) Hexachlorobutadiene	8.31	225	292928	35.062	ng	99
35) Caprolactam	8.61	113	101538	25.495	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	511044	38.226	ng	99
37) 2-Methylnaphthalene	8.88	142	1060270	38.072	ng	98
38) 1-Methylnaphthalene	8.98	142	990203	37.434	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	487240	36.789	ng	98

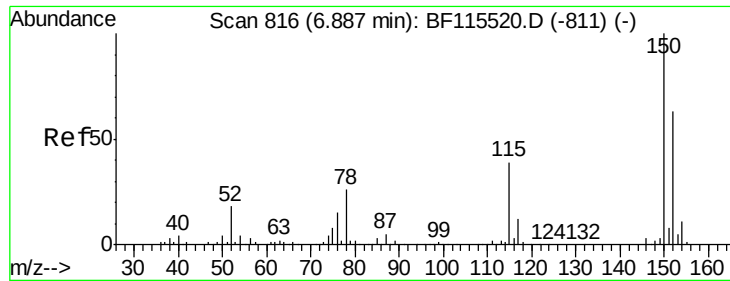
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	361653	47.869	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	331493	34.226	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	347665	35.051	ng	99
46) 1,1'-Biphenyl	9.35	154	1221467	35.524	ng	98
47) 2-Chloronaphthalene	9.37	162	967652	33.799	ng	98
48) 2-Nitroaniline	9.46	65	292697	33.031	ng	99
49) Acenaphthylene	9.79	152	1458778	34.387	ng	98
50) Dimethylphthalate	9.65	163	1198272	36.212	ng	98
51) 2,6-Dinitrotoluene	9.70	165	277666	36.924	ng	96
52) Acenaphthene	9.96	154	1076300	39.297	ng	99
53) 3-Nitroaniline	9.87	138	202231	23.533	ng	96
54) 2,4-Dinitrophenol	9.98	184	269168	69.717	ng	96
55) Dibenzofuran	10.13	168	1335522	34.336	ng	100
56) 4-Nitrophenol	10.03	139	418761	63.904	ng	97
57) 2,4-Dinitrotoluene	10.10	165	351986	36.129	ng	99
58) Fluorene	10.47	166	975712	35.090	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	301034	36.306	ng	98
60) Diethylphthalate	10.34	149	1108410	35.751	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	502547	32.591	ng	94
62) 4-Nitroaniline	10.49	138	244748	29.692	ng	98
63) Azobenzene	10.62	77	1142945	38.006	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	179191	35.867	ng	98
66) n-Nitrosodiphenylamine	10.57	169	930407	36.578	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	337550	36.123	ng	94
68) Hexachlorobenzene	11.02	284	364453	34.152	ng	# 94
69) Atrazine	11.10	200	265679	31.839	ng	99
70) Pentachlorophenol	11.22	266	405045	62.058	ng	99
71) Phenanthrene	11.43	178	1491239	35.577	ng	97
72) Anthracene	11.48	178	1564629	36.120	ng	100
73) Carbazole	11.63	167	1310026	34.487	ng	99
74) Di-n-butylphthalate	11.96	149	1670992	35.712	ng	99
75) Fluoranthene	12.62	202	1566124	35.358	ng	97
77) Benzidine	12.73	184	288019	16.206	ng	99
78) Pyrene	12.85	202	1598343	37.603	ng	99
80) Butylbenzylphthalate	13.46	149	714260	39.418	ng	98
81) Benzo(a)anthracene	14.03	228	1180572	35.718	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	359078	30.560	ng	97
83) Chrysene	14.07	228	1192236	35.933	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	906785	40.400	ng	98
85) Di-n-octyl phthalate	14.63	149	1554147	43.519	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1047357	37.155	ng	99
88) Benzo(b)fluoranthene	15.09	252	1115896	49.127	ng	99
89) Benzo(k)fluoranthene	15.12	252	1010360	49.891	ng	98
90) Benzo(a)pyrene	15.45	252	916638	46.952	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	875372	51.074	ng	99
92) Benzo(g,h,i)perylene	17.43	276	853893	49.955	ng	99

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

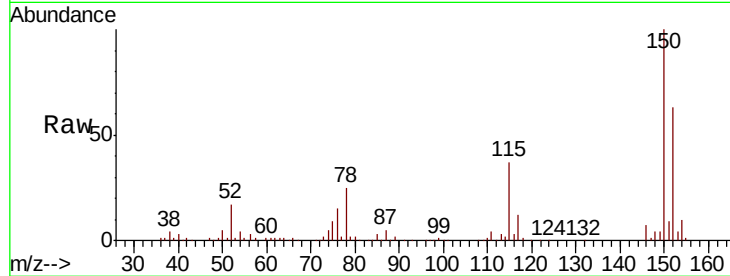


#1

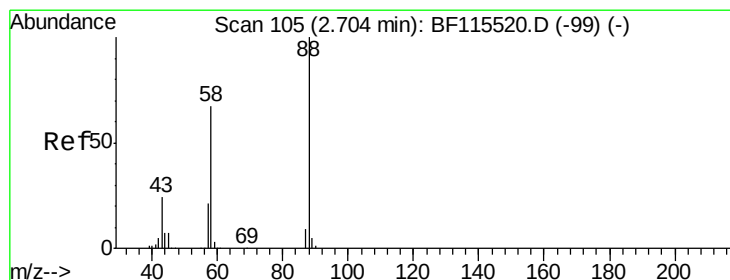
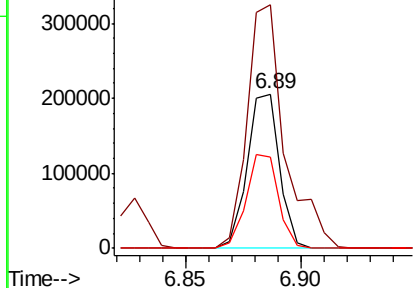
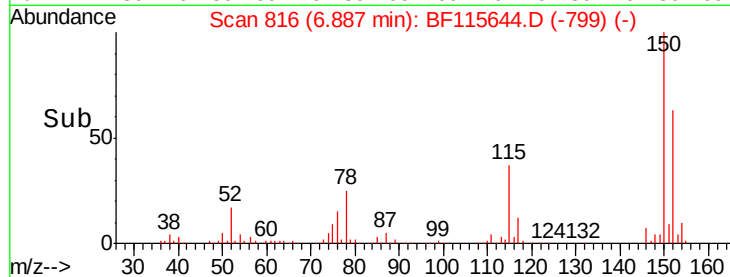
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 201827
Ion Ratio Lower Upper
152 100
150 157.6 129.7 194.5
115 58.7 48.2 72.4



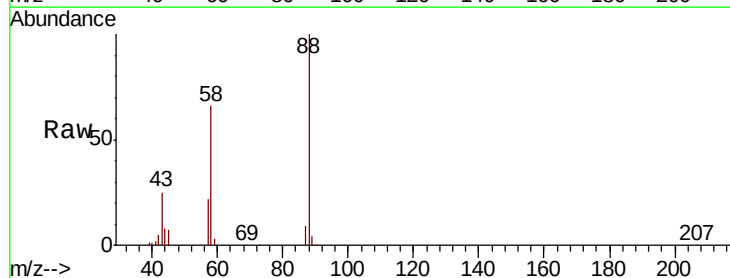
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



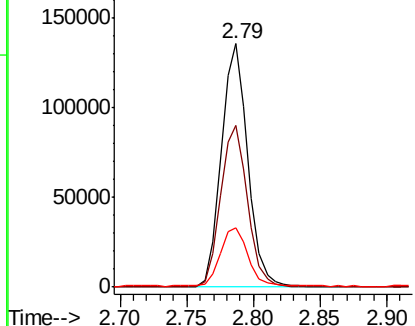
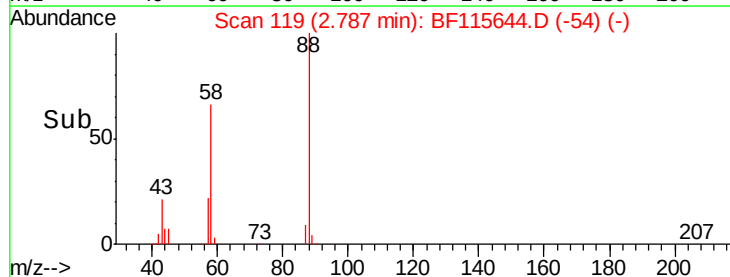
#2

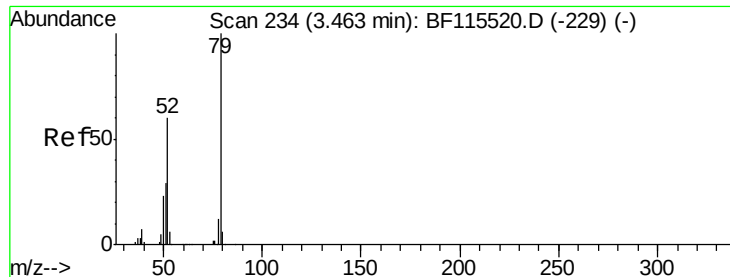
1,4-Dioxane
Concen: 30.708 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.08 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion: 88 Resp: 189005
Ion Ratio Lower Upper
88 100
58 67.7 52.6 79.0
43 25.2 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: 28.907 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampled :

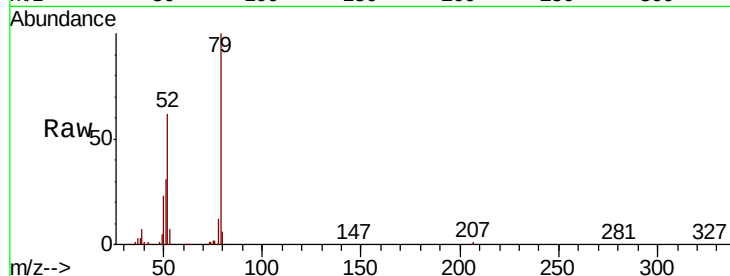
Tot Ion: 79 Resp: 482705

Ion Ratio Lower Upper

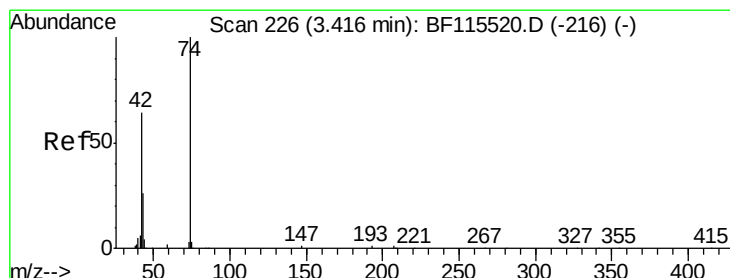
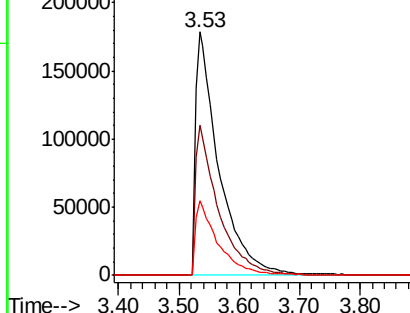
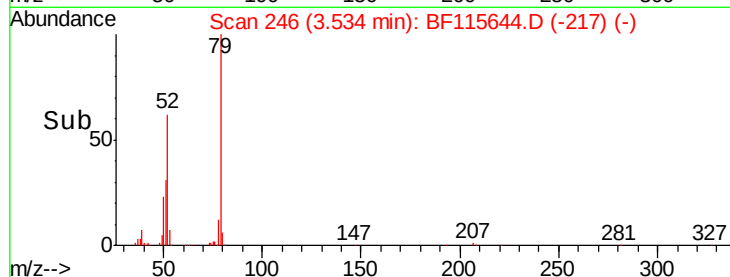
79 100

52 61.5 47.8 71.6

51 30.6 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: 36.172 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

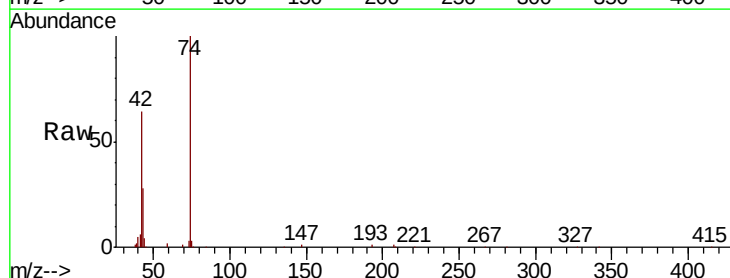
Tgt Ion: 42 Resp: 219129

Ion Ratio Lower Upper

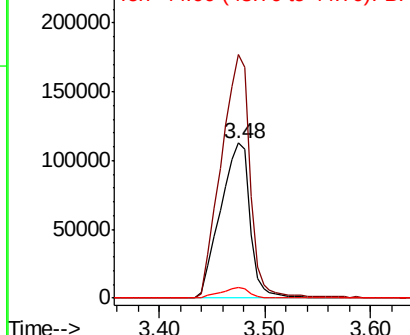
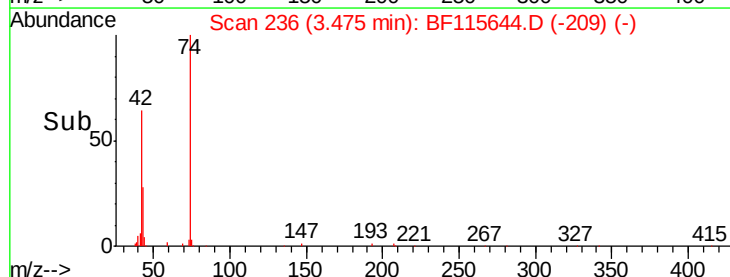
42 100

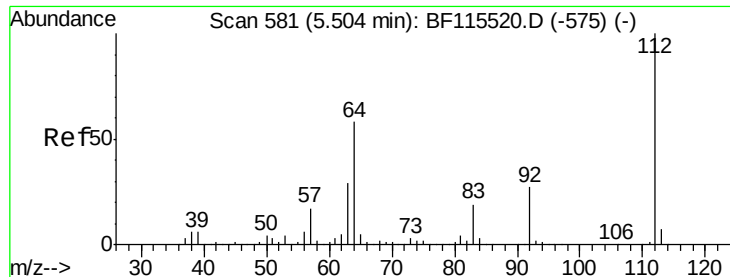
74 156.8 127.5 191.3

44 6.5 5.0 7.6



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





#5

2-Fluorophenol

Concen: 106.008 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

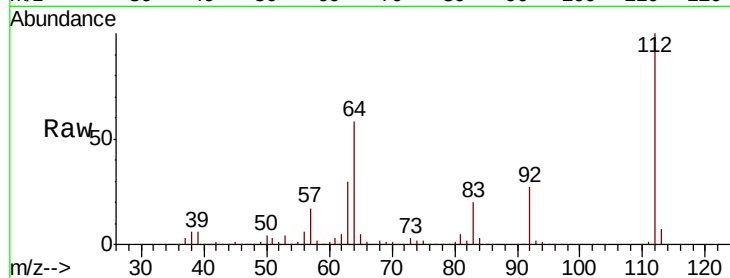
Tot Ion:112 Resp: 1308011

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

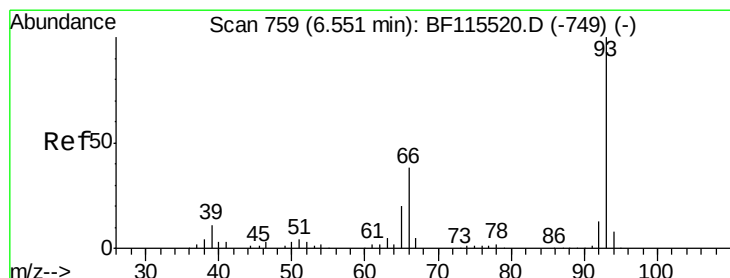
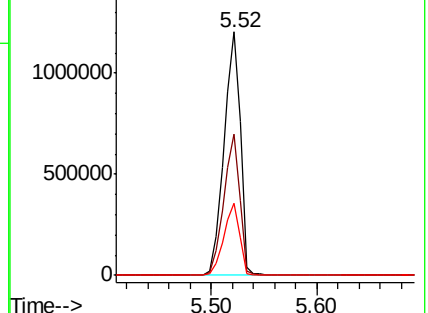
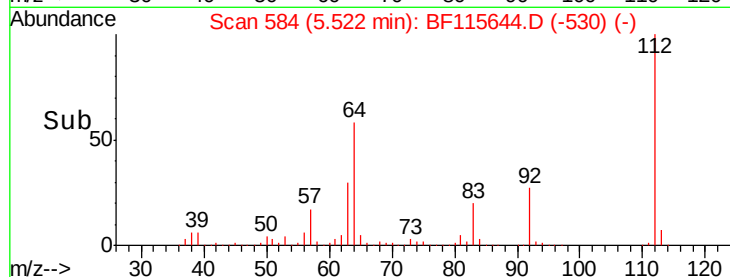
63 29.8 24.1 36.1



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: 22.963 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

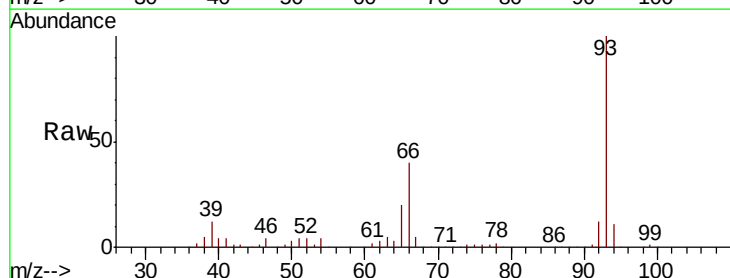
Tgt Ion: 93 Resp: 500327

Ion Ratio Lower Upper

93 100

66 39.8 31.7 47.5

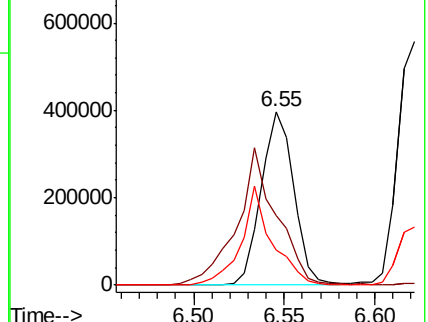
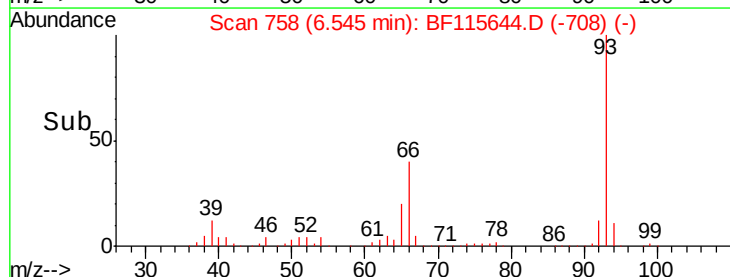
65 20.4 16.2 24.2

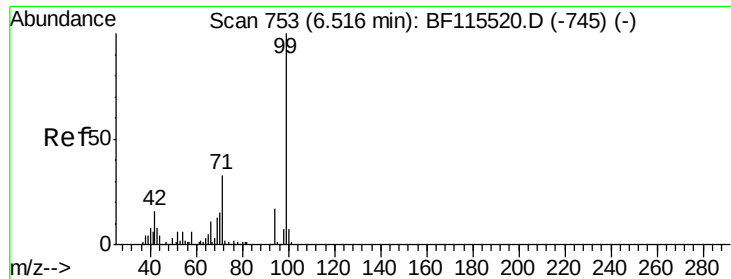


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.326 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

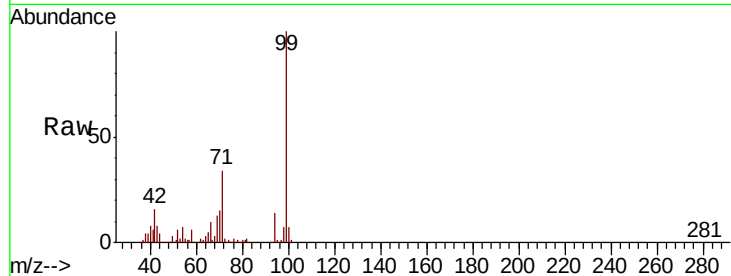
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1649038

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	33.8	28.5	42.7

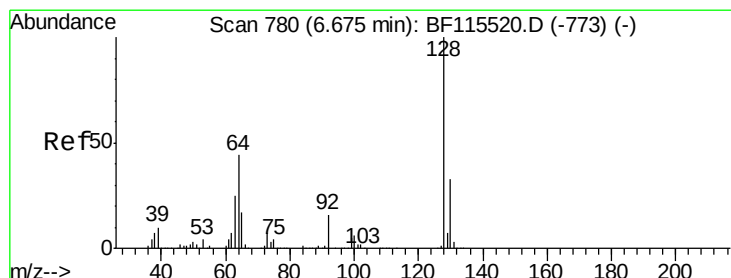
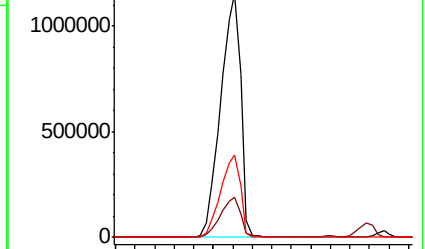
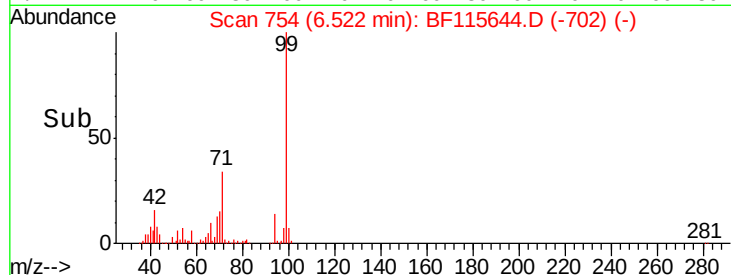


Abundance

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: 36.803 ng

RT: 6.67 min Scan# 780

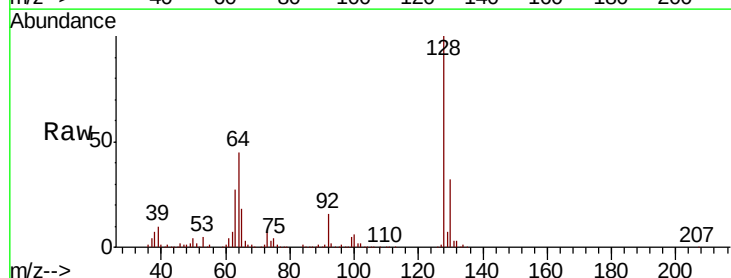
Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion: 128 Resp: 522093

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.8	52.8
64	44.6	26.8	66.8

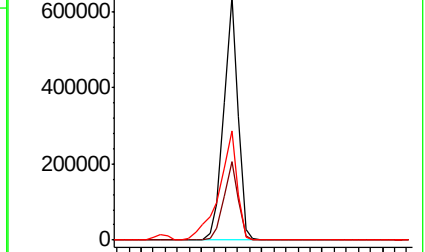
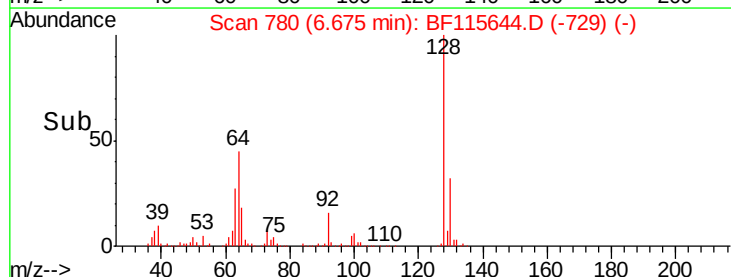


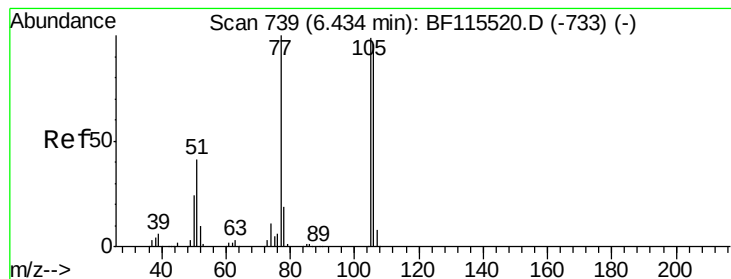
Abundance

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: 5.092 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

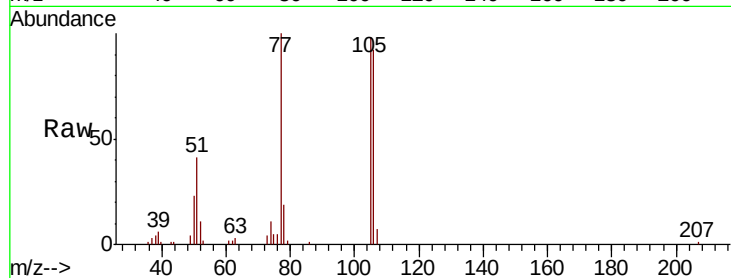
Tot Ion: 77 Resp: 49816

Ion Ratio Lower Upper

77 100

105 98.1 78.8 118.8

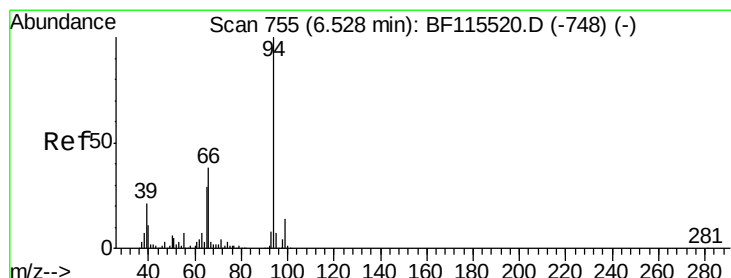
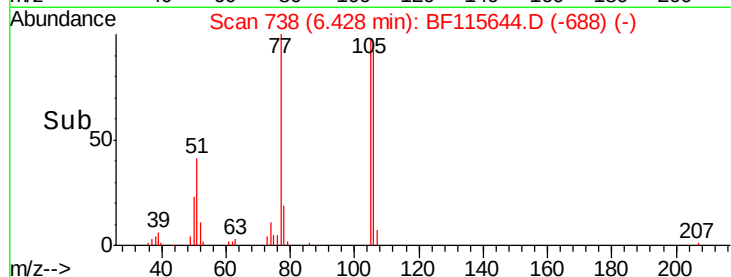
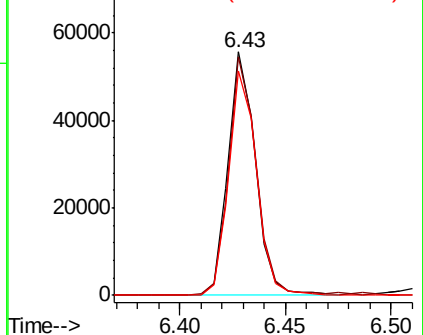
106 91.9 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.830 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

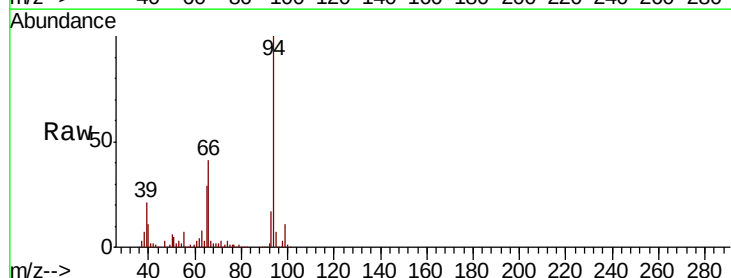
Tgt Ion: 94 Resp: 633043

Ion Ratio Lower Upper

94 100

65 29.5 14.5 54.5

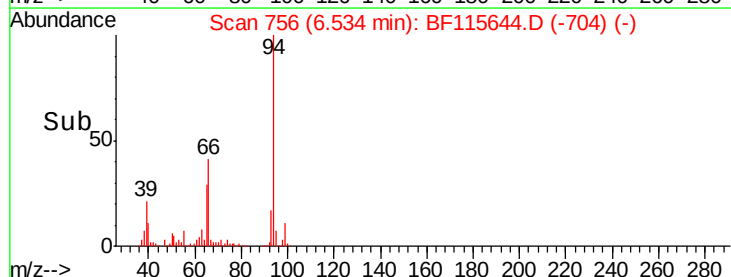
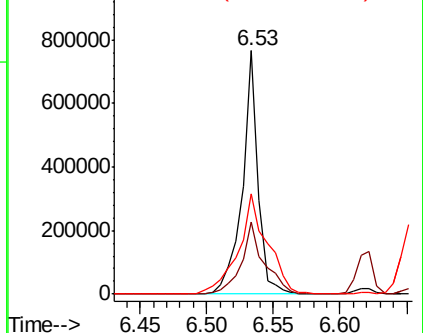
66 41.1 31.3 71.3

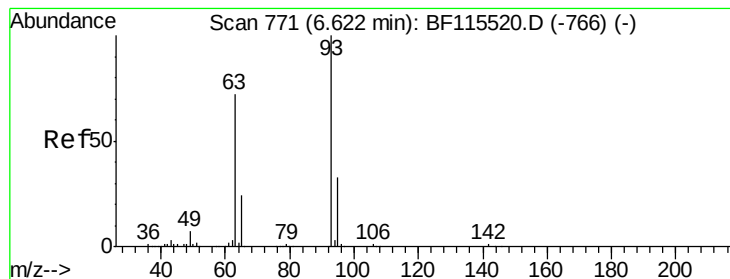


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.601 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

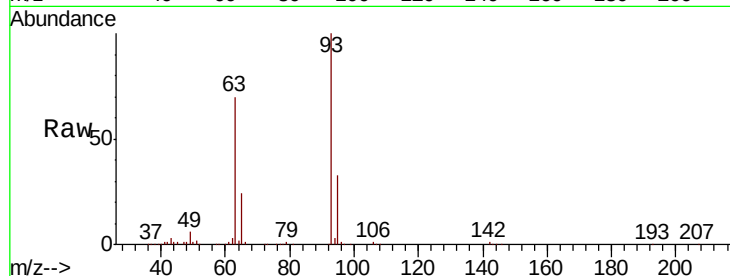
Tot Ion: 93 Resp: 492634

Ion Ratio Lower Upper

93 100

63 70.4 52.2 92.2

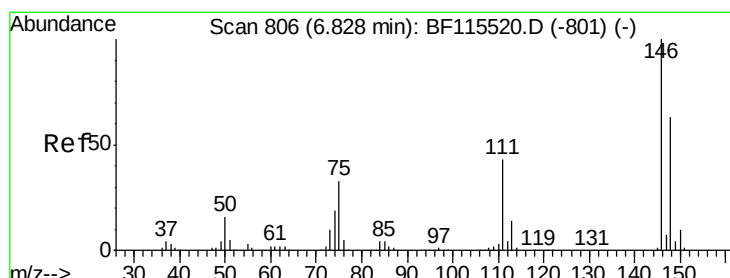
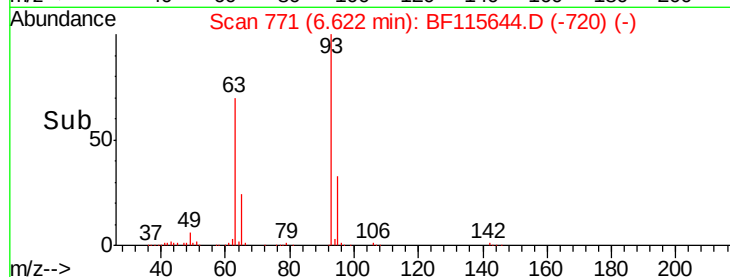
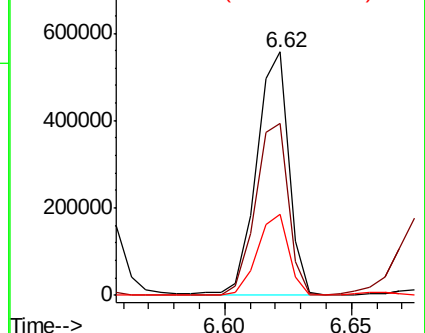
95 33.1 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.593 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

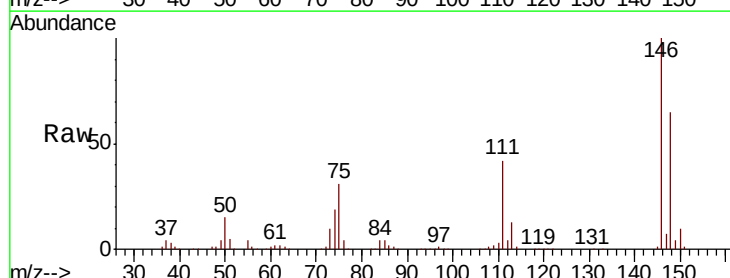
Tgt Ion: 146 Resp: 535799

Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

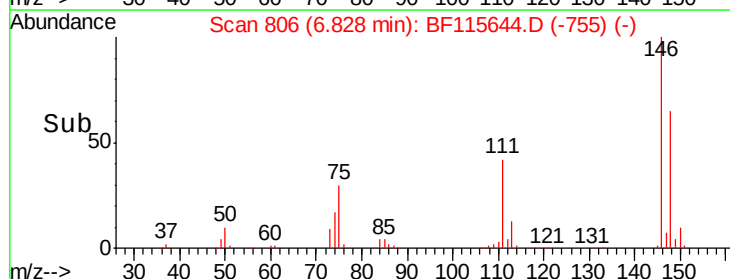
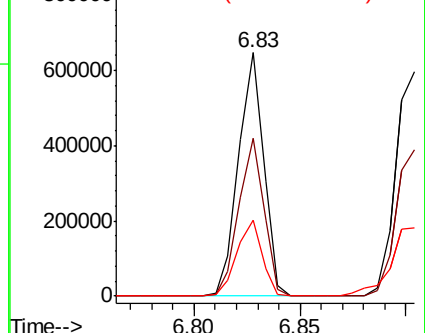
75 31.1 24.9 37.3

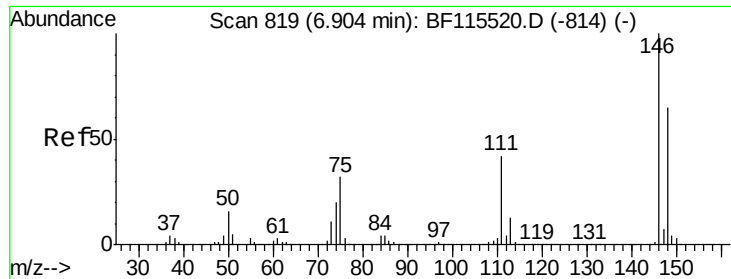


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

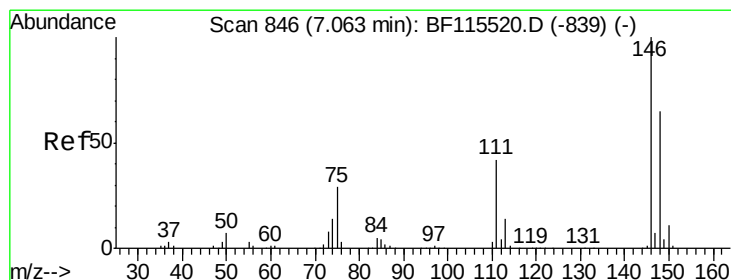
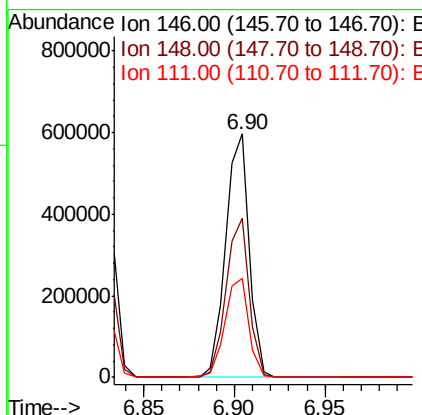
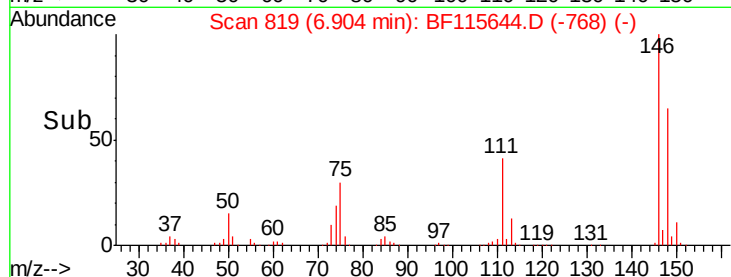
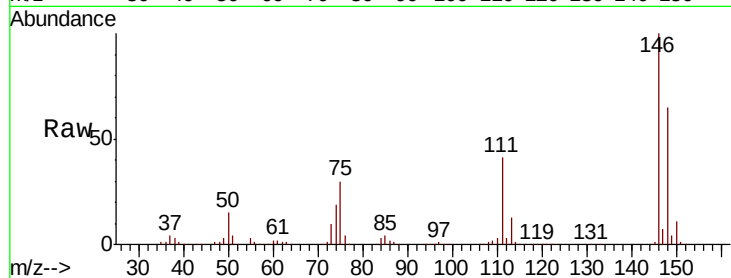




#13
 1,4-Dichlorobenzene
 Concen: 33.799 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

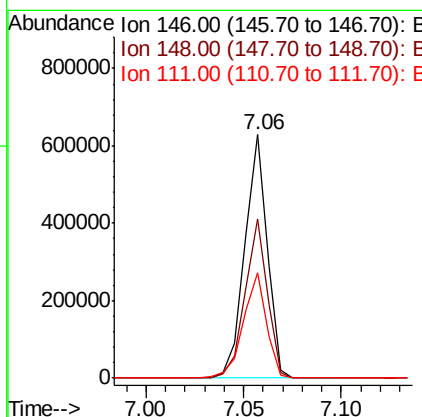
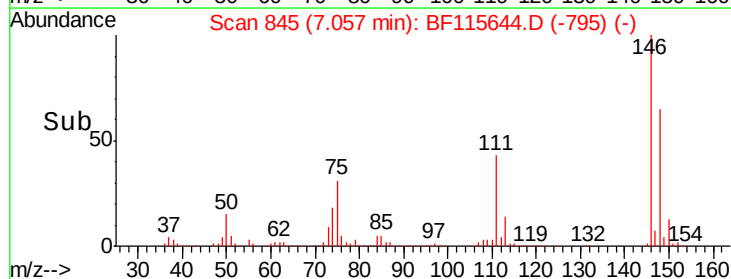
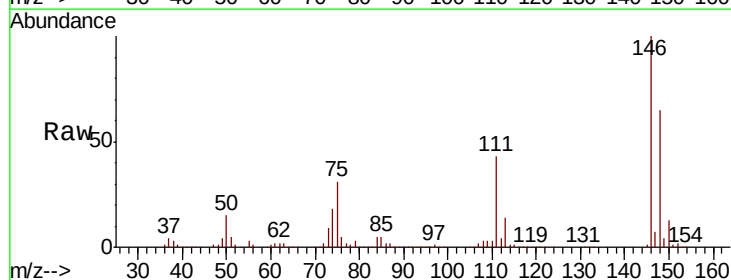
Instrument :
 BNA_F
 ClientSampleId :

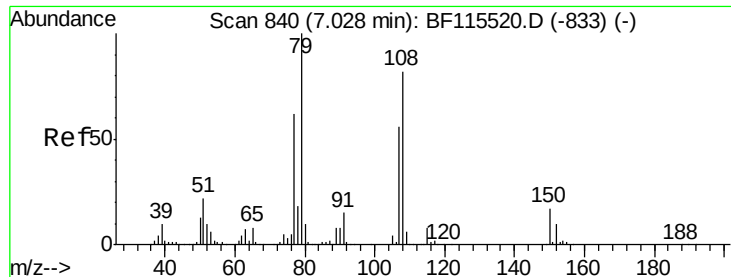
Tot Ion:146 Resp: 537878
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 40.5 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 34.577 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:146 Resp: 503010
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 43.3 37.6 56.4





#15

Benzyl Alcohol

Concen: 36.776 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampled :

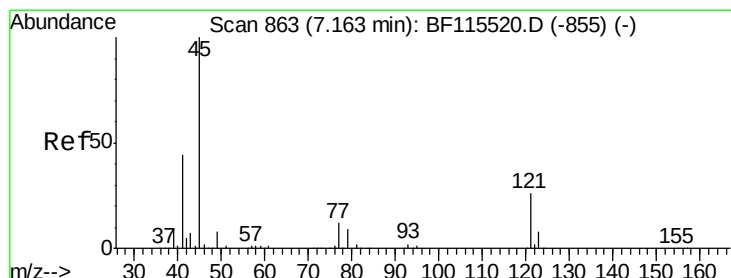
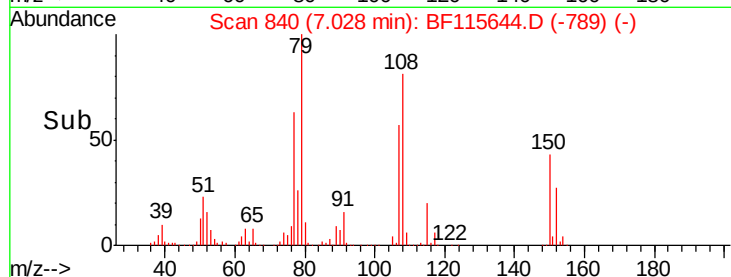
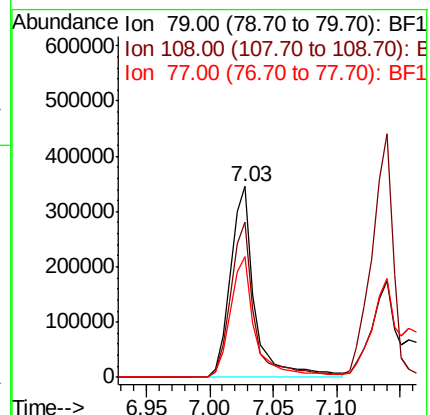
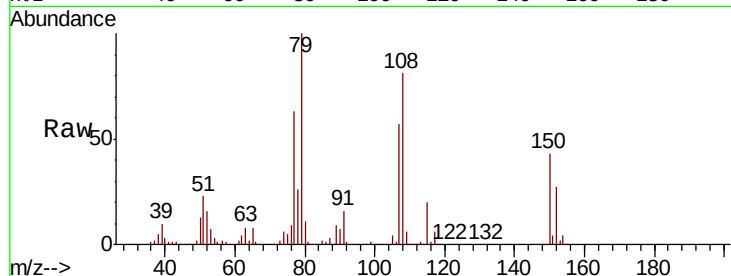
Tot Ion: 79 Resp: 456757

Ion Ratio Lower Upper

79 100

108 81.2 64.2 96.4

77 63.4 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.835 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

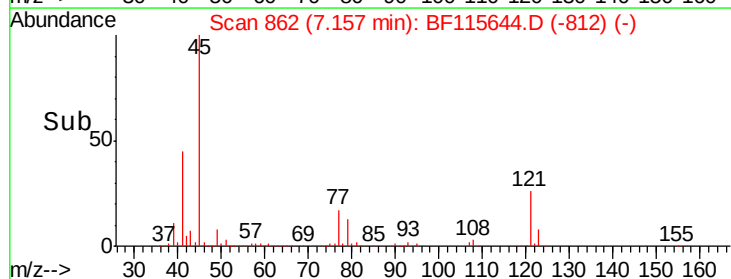
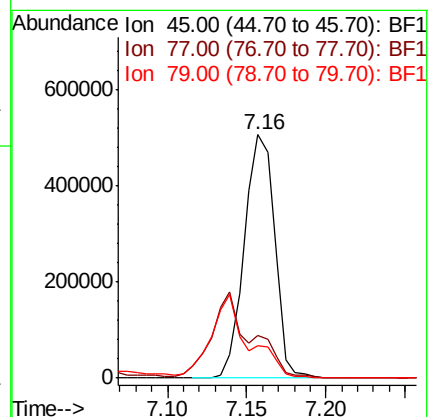
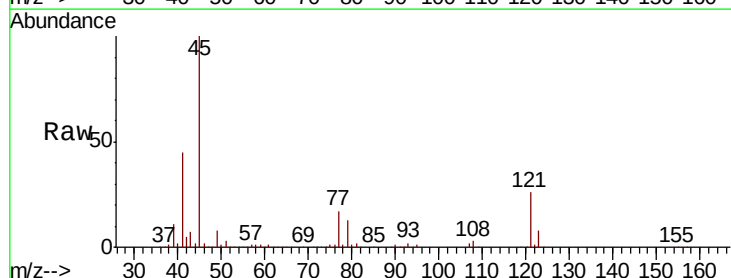
Tgt Ion: 45 Resp: 671046

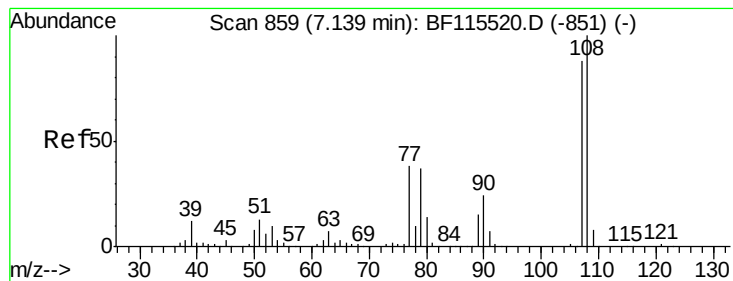
Ion Ratio Lower Upper

45 100

77 17.4 0.0 38.1

79 13.3 0.0 34.1





#17

2-Methylphenol

Concen: 37.531 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 458831

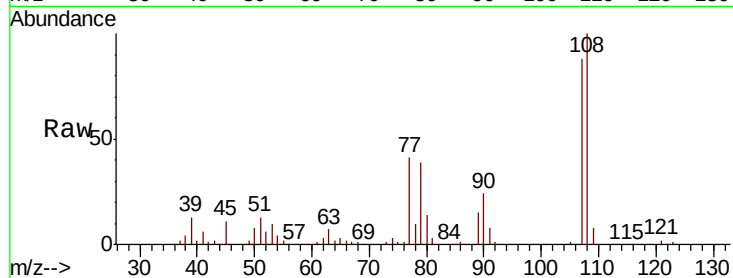
Ion Ratio Lower Upper

107 100

108 113.2 89.4 134.2

77 46.1 35.7 53.5

79 44.6 35.0 52.4

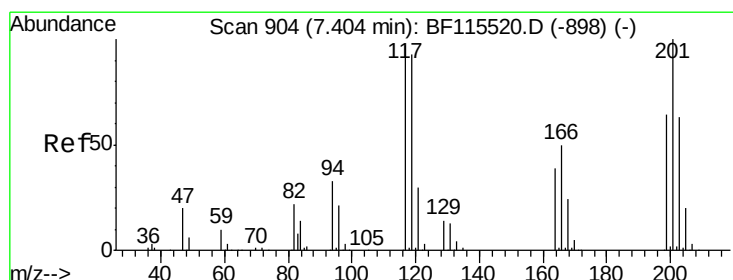
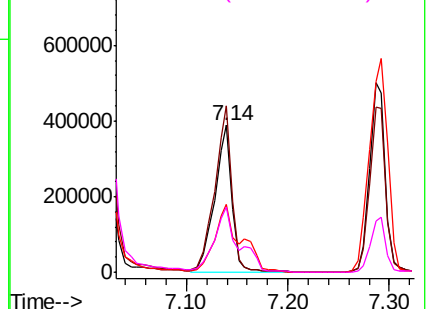
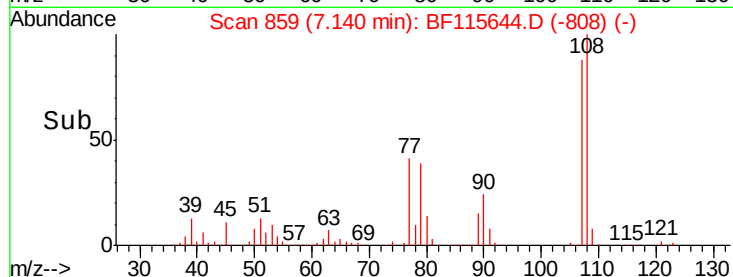


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.340 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

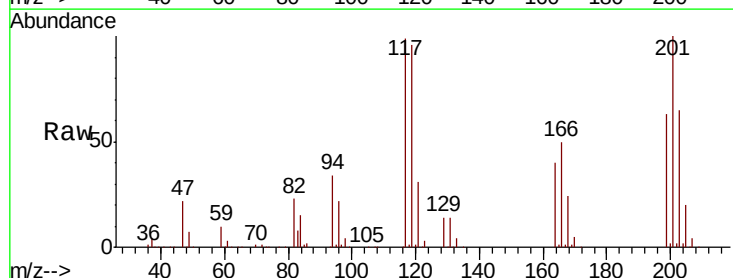
Tgt Ion:117 Resp: 202841

Ion Ratio Lower Upper

117 100

119 97.2 77.7 116.5

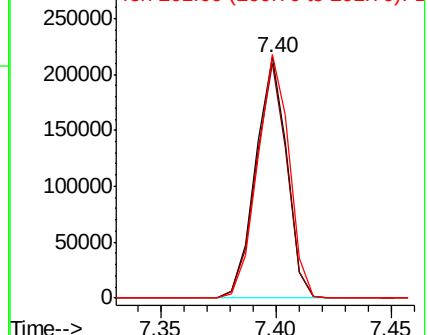
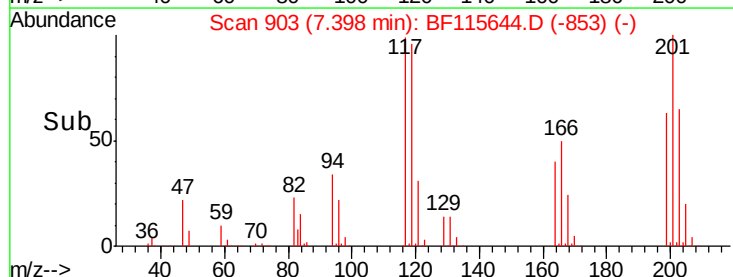
201 101.0 86.0 129.0

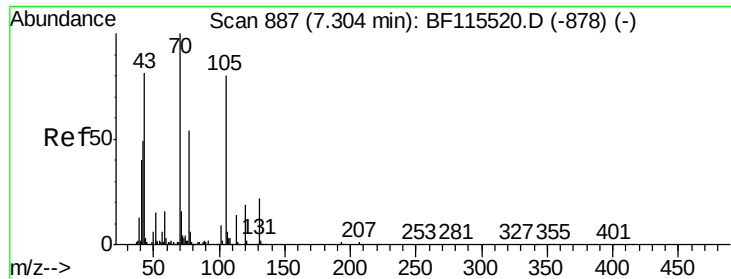


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

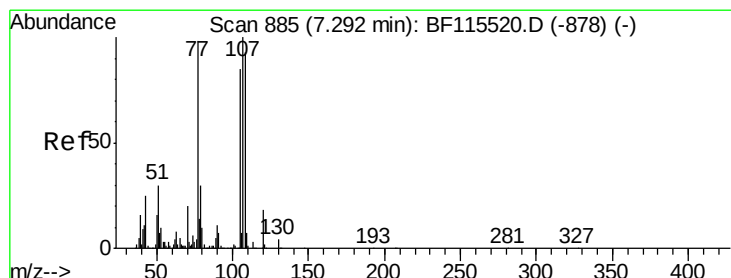
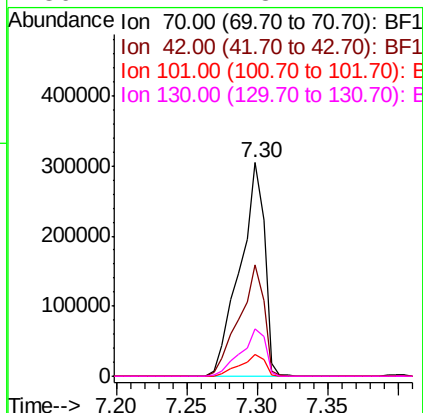
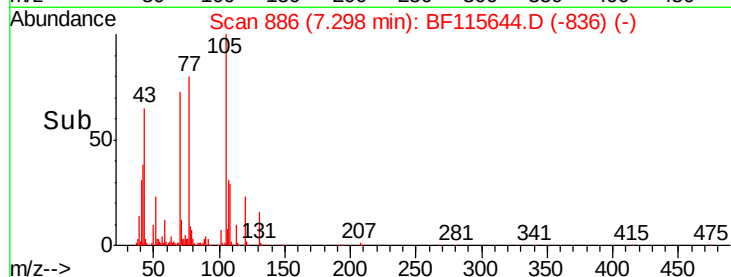
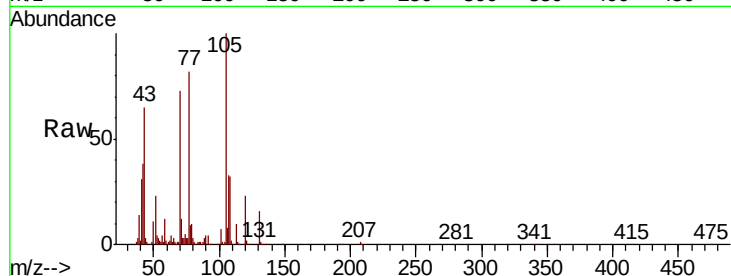




#19
n-Nitroso-di-n-propylamine
Concen: 36.539 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

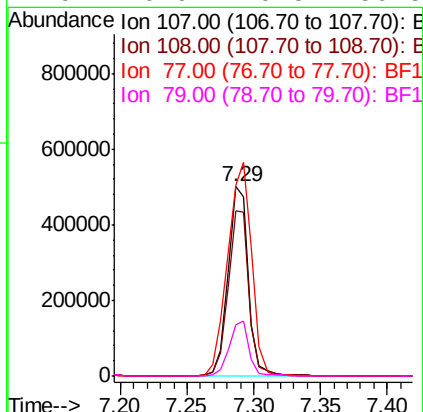
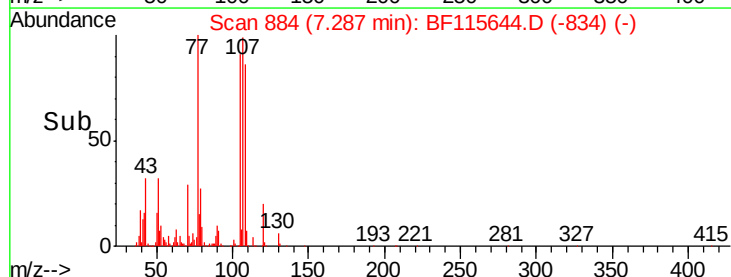
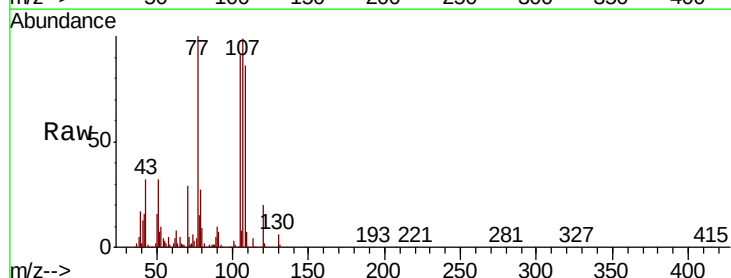
Instrument :
BNA_F
ClientSampleId :

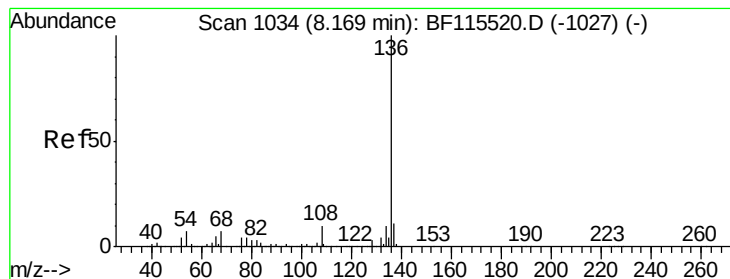
Tot Ion:	70	Resp:	373097
Ion	Ratio	Lower	Upper
70	100		
42	51.9	39.6	59.4
101	9.9	8.1	12.1
130	22.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 36.909 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:	107	Resp:	535981
Ion	Ratio	Lower	Upper
107	100		
108	87.1	72.9	112.9
77	101.2	77.6	117.6
79	26.9	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 867493

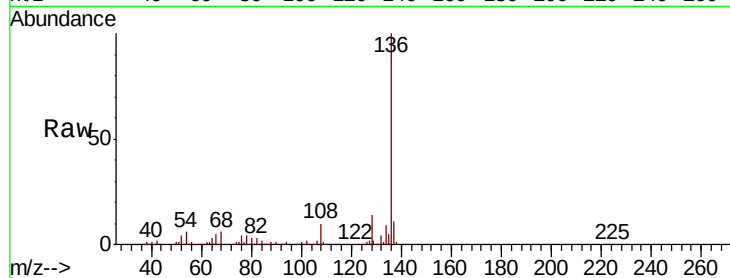
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.5 5.6 8.4

68 6.2 5.0 7.6

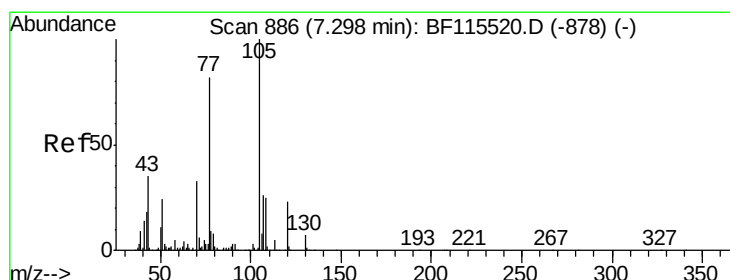
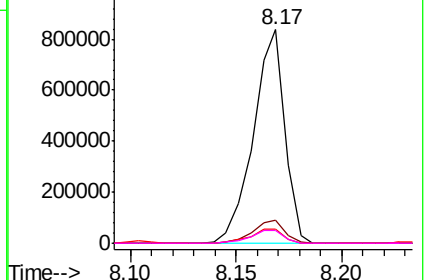
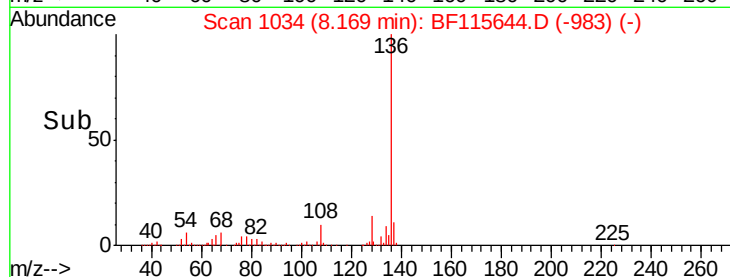


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.786 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:105 Resp: 720937

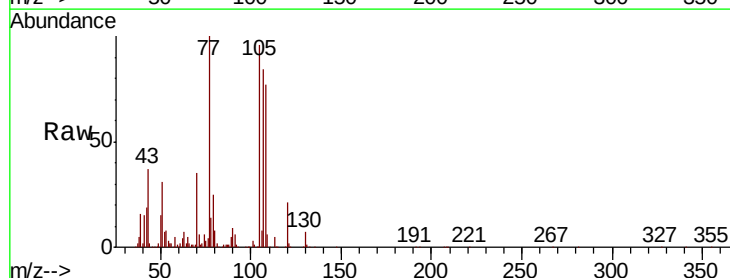
Ion Ratio Lower Upper

105 100

71 6.0 3.5 5.3#

51 31.7 25.6 38.4

120 21.9 17.9 26.9

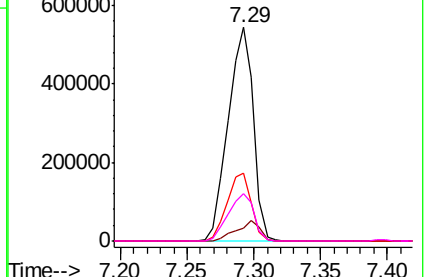
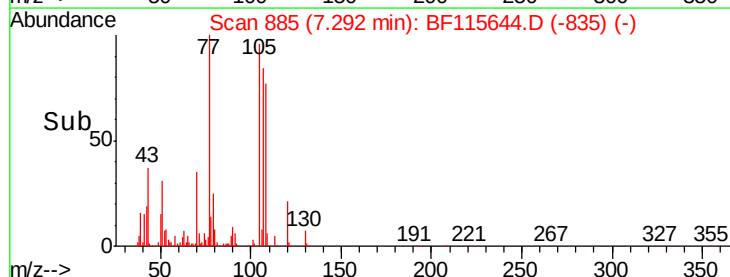


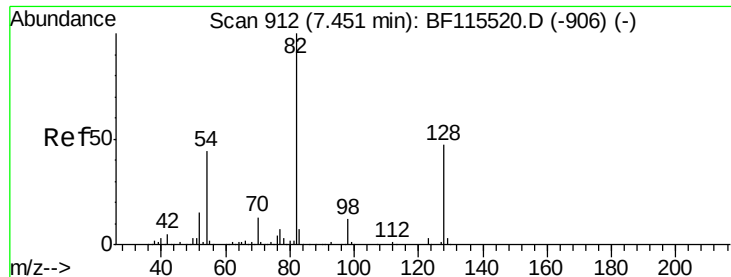
Abundance Ion 105.00 (104.70 to 105.70): E

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

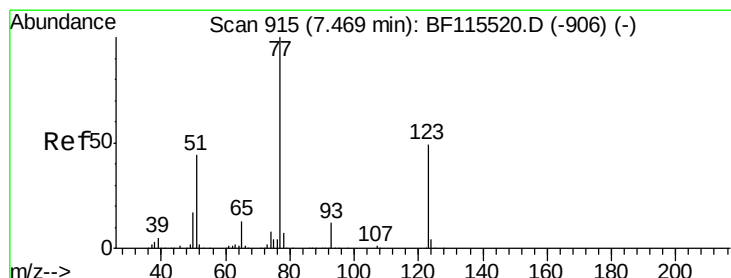
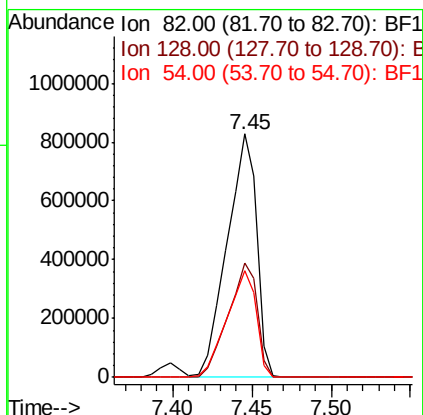
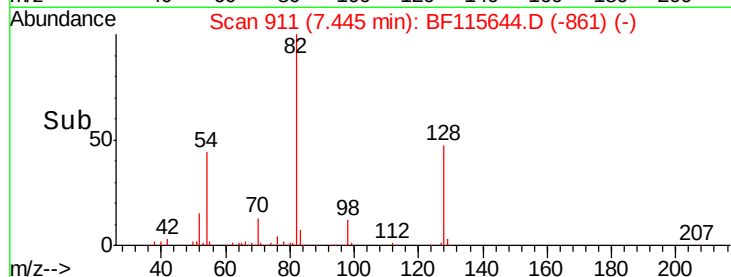
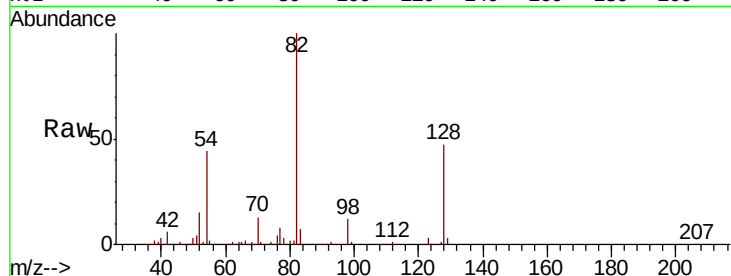




#23
 Nitrobenzene-d5
 Concen: 71.410 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

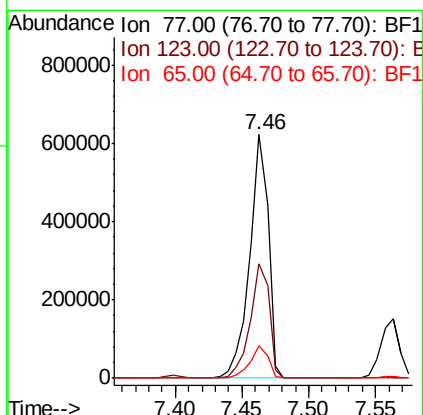
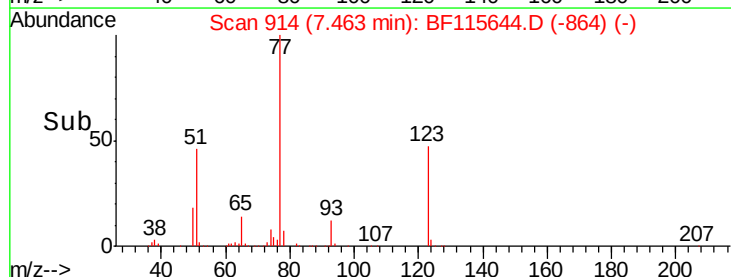
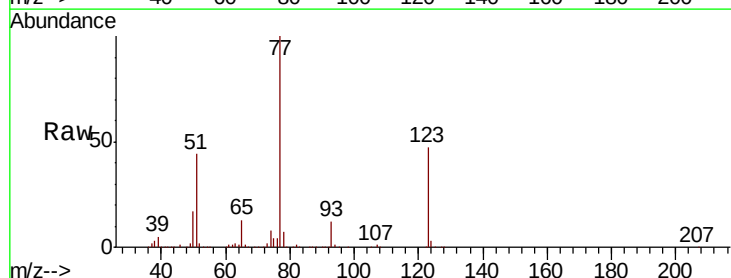
Instrument :
 BNA_F
 ClientSampled :

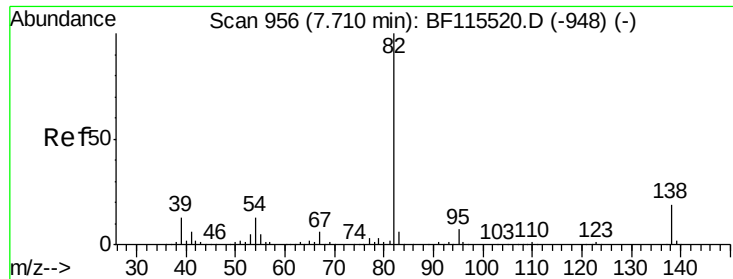
Tot Ion: 82 Resp: 1065371
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.6 57.8
 54 43.9 35.6 53.4



#24
 Nitrobenzene
 Concen: 36.667 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion: 77 Resp: 590030
 Ion Ratio Lower Upper
 77 100
 123 46.7 40.0 60.0
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 36.904 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

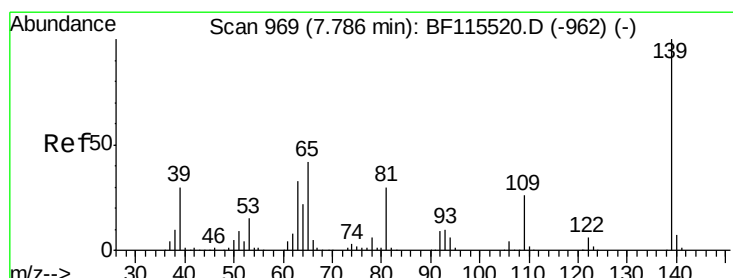
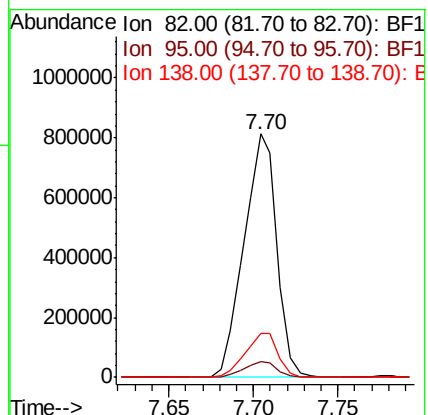
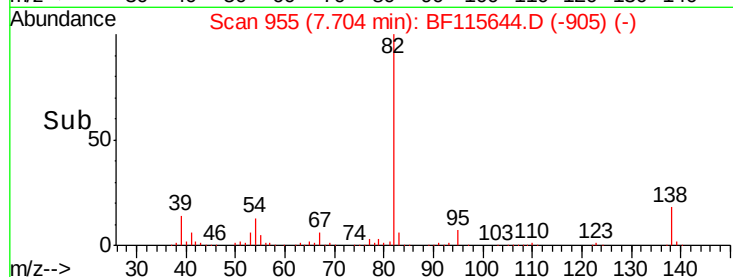
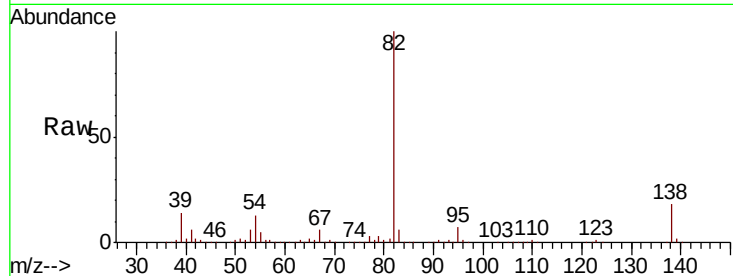
Tot Ion: 82 Resp: 1101709

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 36.415 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

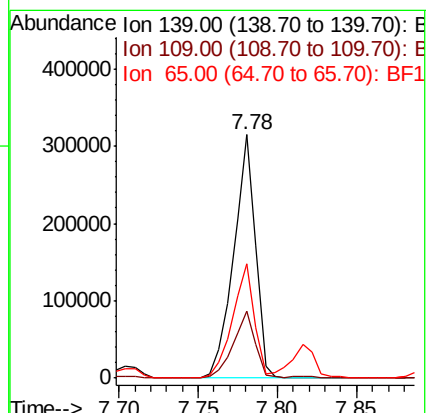
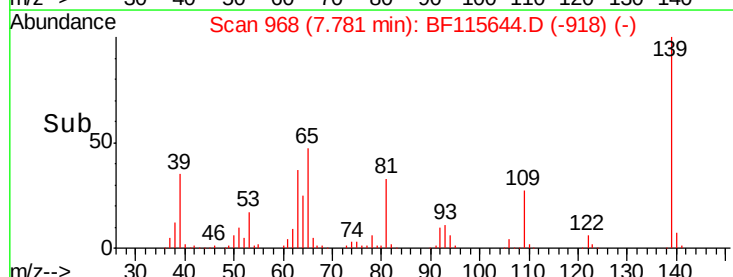
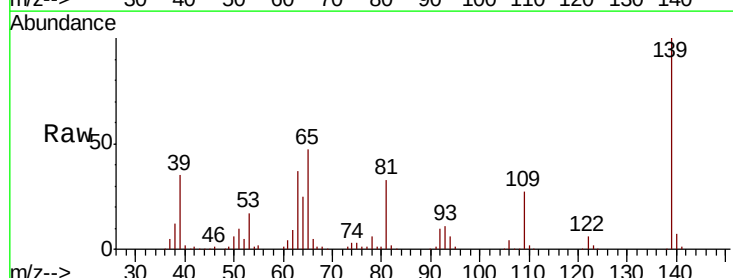
Tgt Ion: 139 Resp: 301614

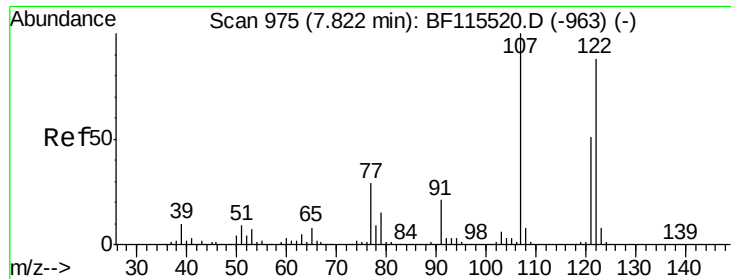
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 47.1 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 41.856 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

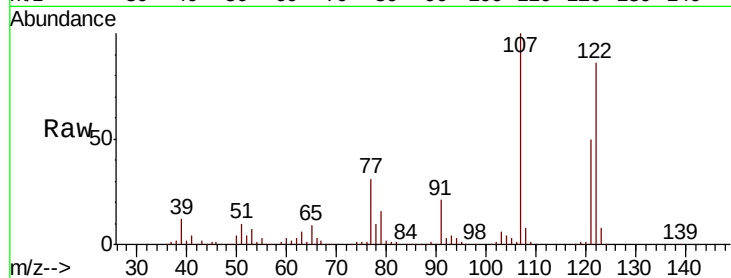
Tot Ion:122 Resp: 518714

Ion Ratio Lower Upper

122 100

107 116.1 92.9 139.3

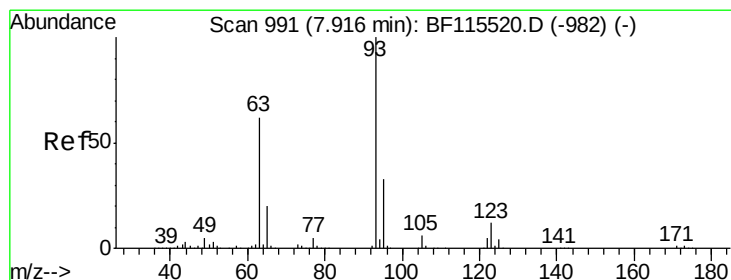
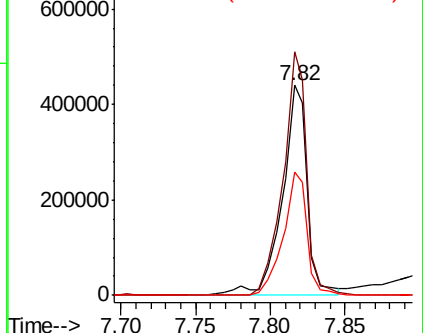
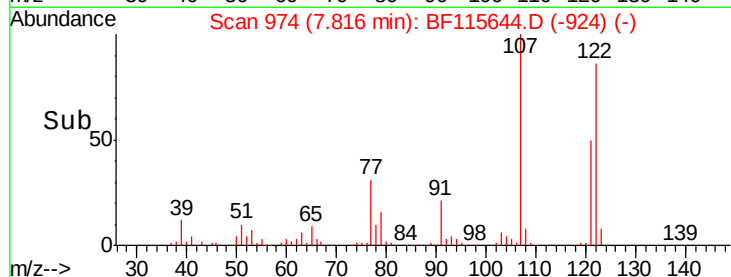
121 58.6 46.9 70.3



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: 36.218 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

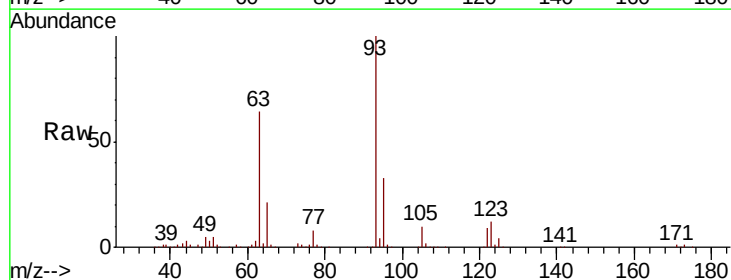
Tgt Ion: 93 Resp: 663309

Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.4

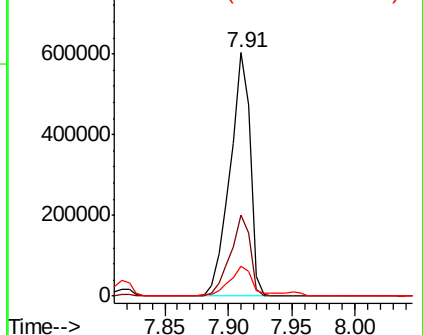
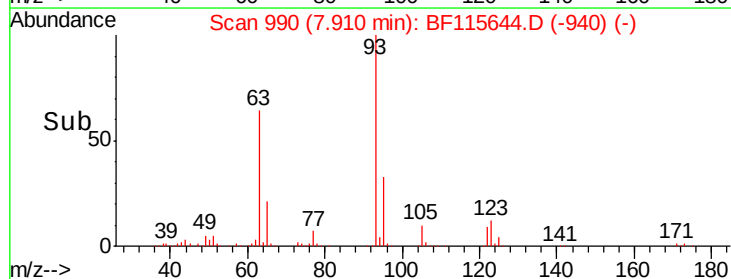
123 12.2 9.9 14.9

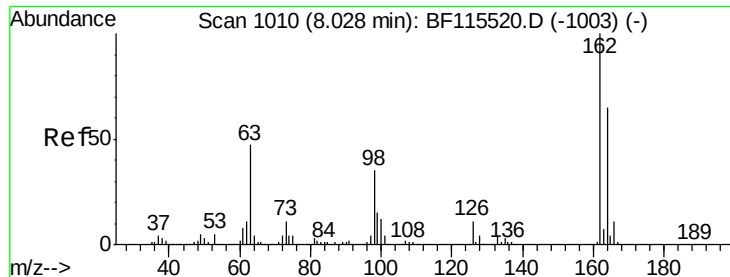


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

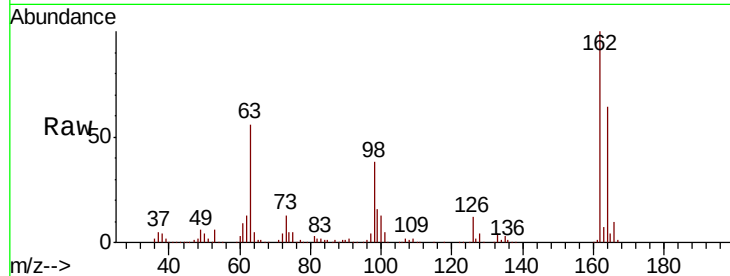




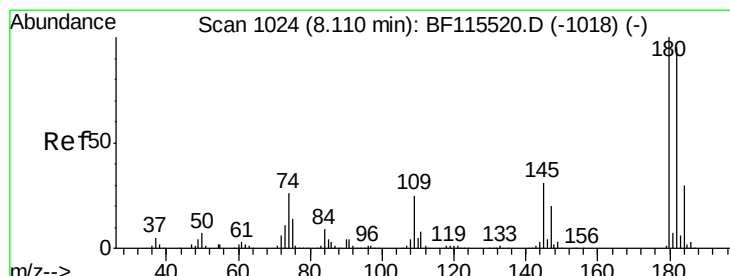
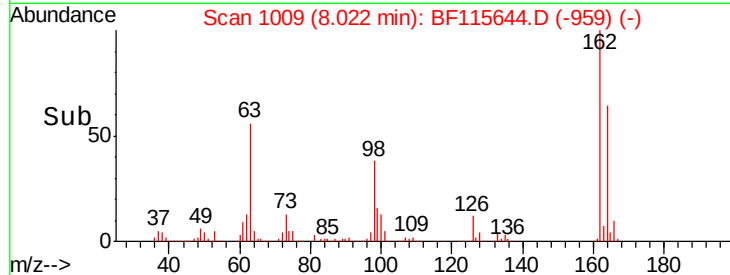
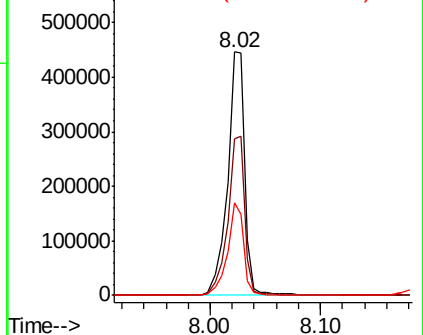
#29
 2,4-Dichlorophenol
 Concen: 37.861 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 487963
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.9 84.9
 98 37.8 17.7 57.7

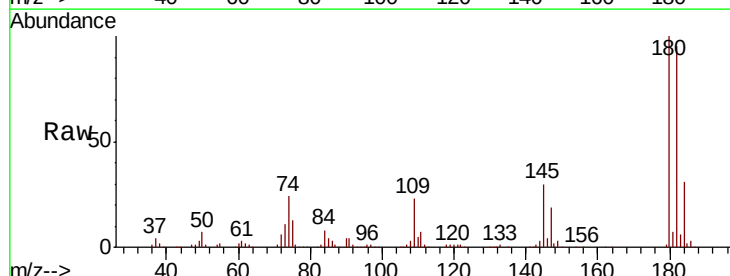


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

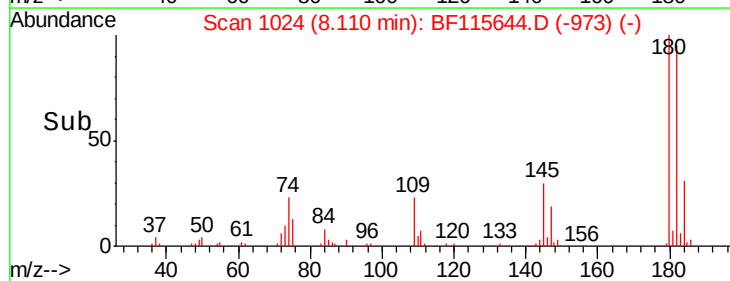
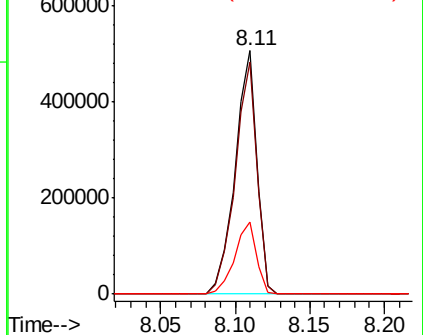


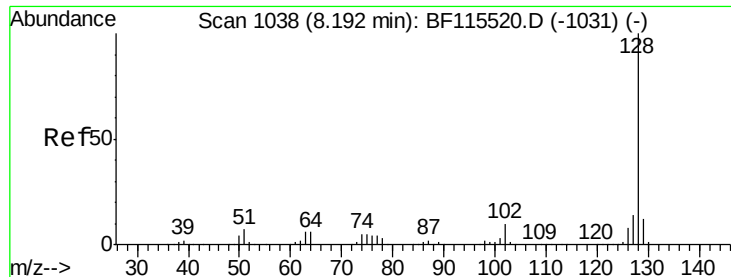
#30
 1,2,4-Trichlorobenzene
 Concen: 35.569 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:180 Resp: 518187
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.0 112.6
 145 29.7 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: 36.330 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

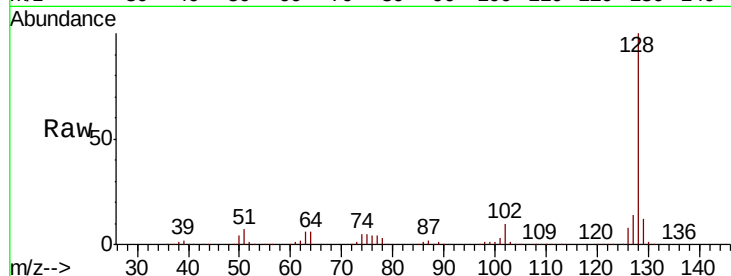
Tot Ion:128 Resp: 1526308

Ion Ratio Lower Upper

128 100

129 11.9 9.9 14.9

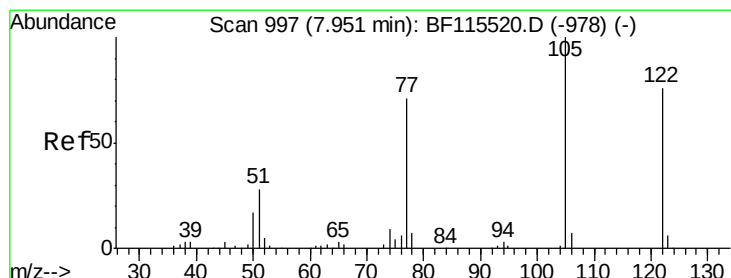
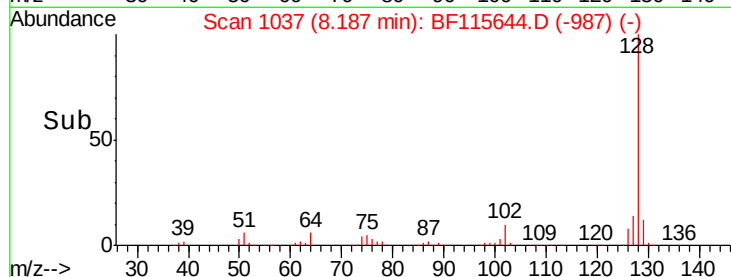
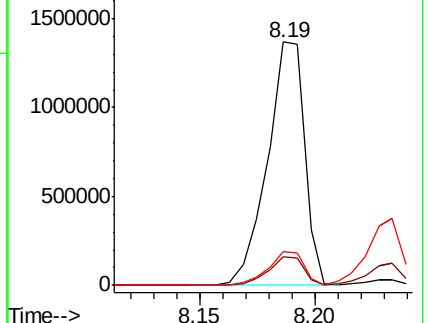
127 13.7 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.794 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

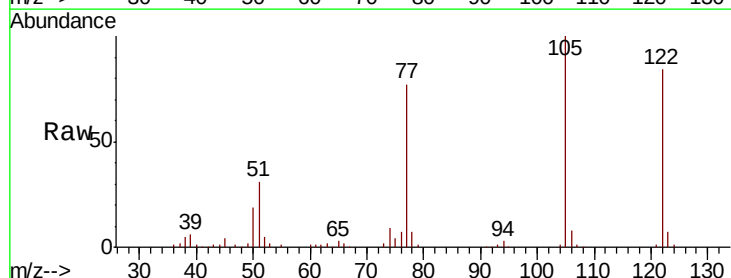
Tgt Ion:122 Resp: 374204

Ion Ratio Lower Upper

122 100

105 119.5 102.5 142.5

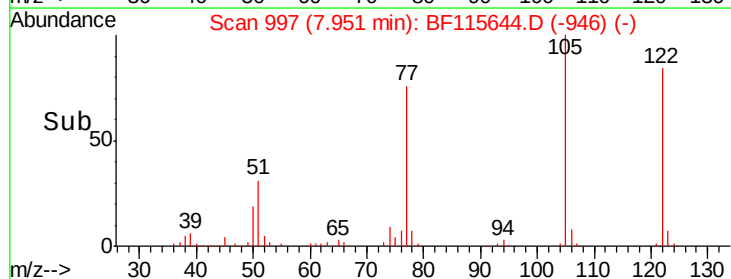
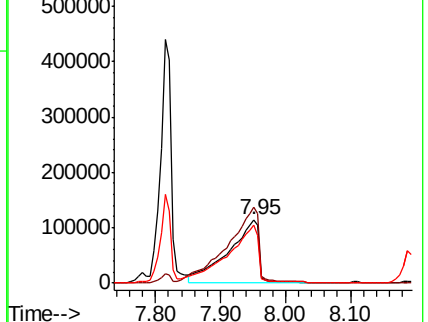
77 91.9 70.2 110.2

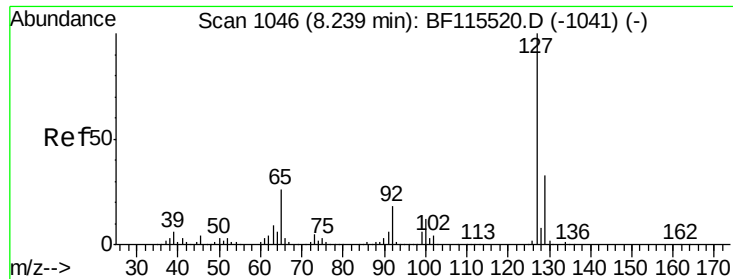


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

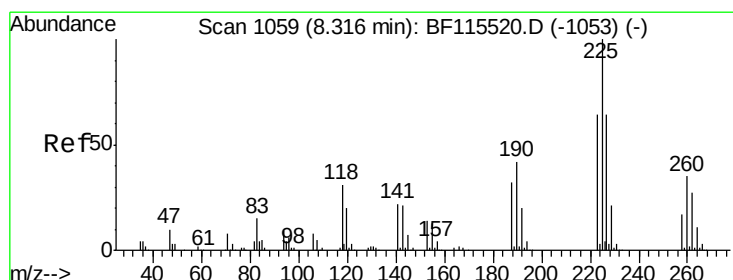
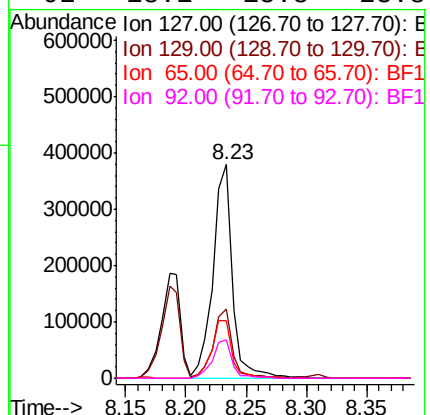
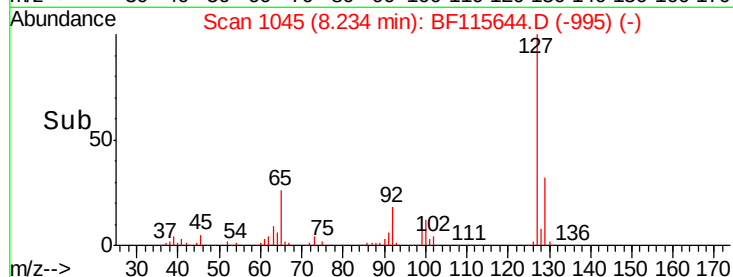
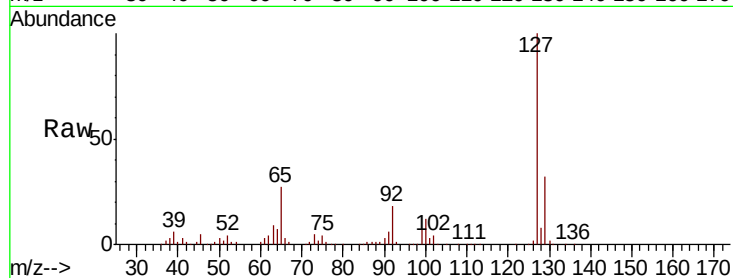




#33
4-Chloroaniline
Concen: 22.362 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

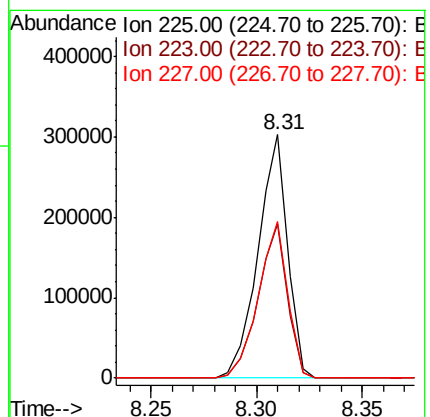
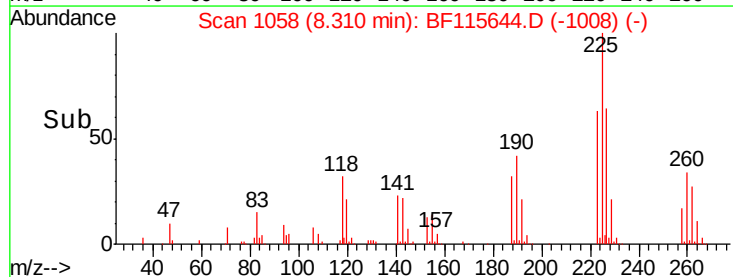
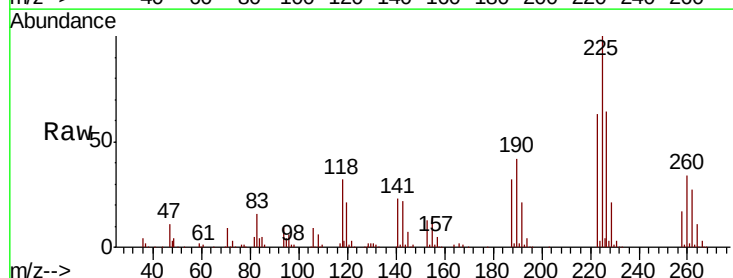
Instrument :
BNA_F
ClientSampleID :

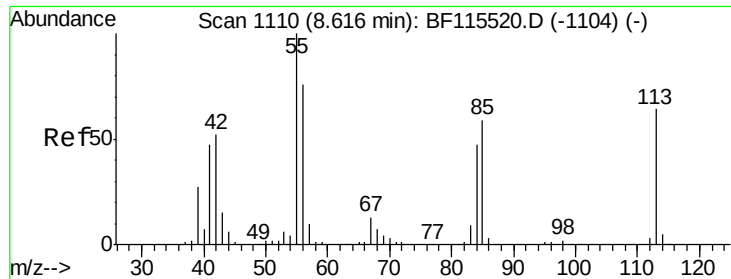
Tot Ion:	127	Resp:	416151
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	26.9	23.7	35.5
92	18.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 35.062 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:	225	Resp:	292928
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	64.2	50.7	76.1

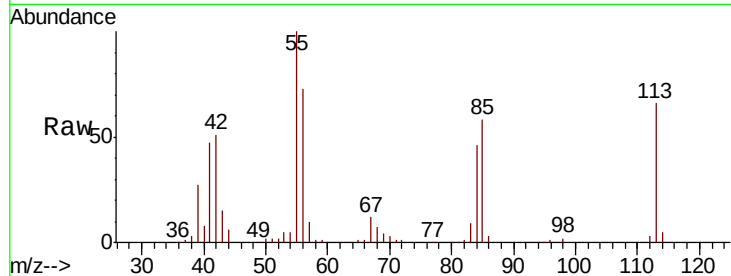




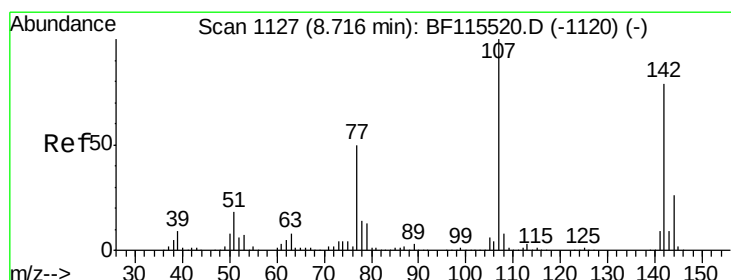
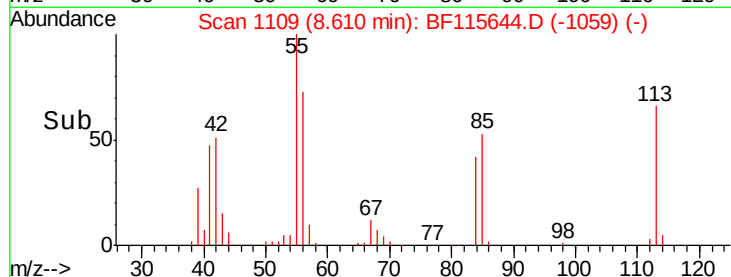
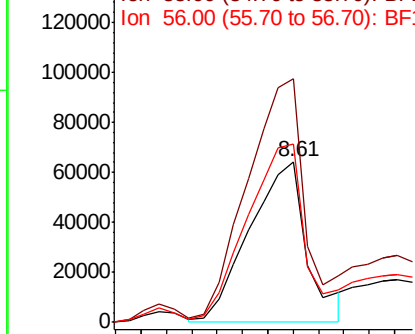
#35
Caprolactam
Concen: 25.495 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 101538
Ion Ratio Lower Upper
113 100
55 151.7 126.9 166.9
56 111.3 90.3 130.3

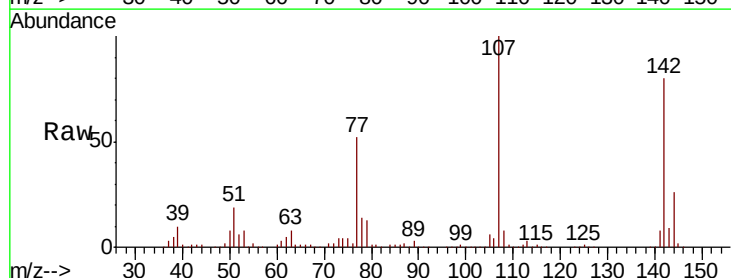


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

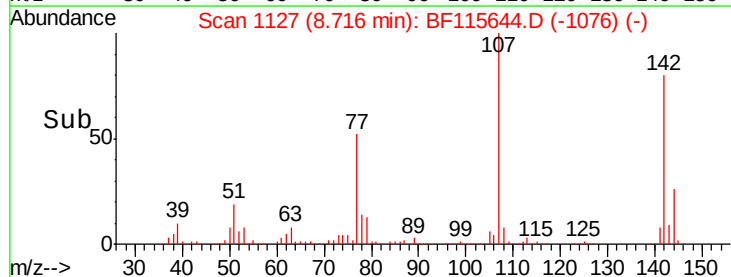
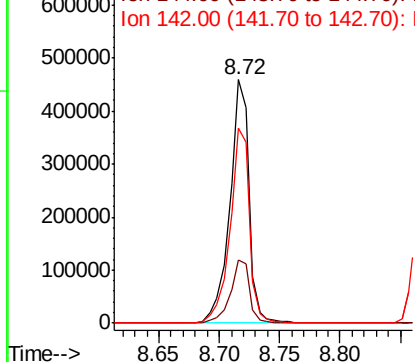


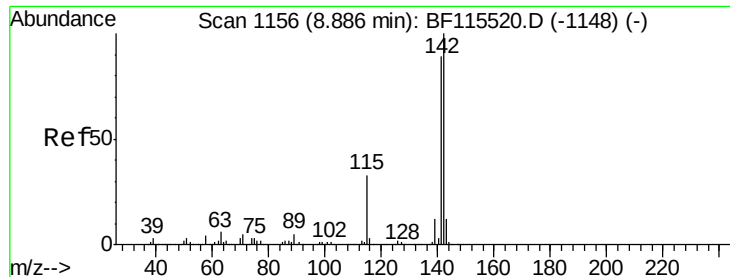
#36
4-Chloro-3-methylphenol
Concen: 38.226 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:107 Resp: 511044
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 79.9 63.1 94.7



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

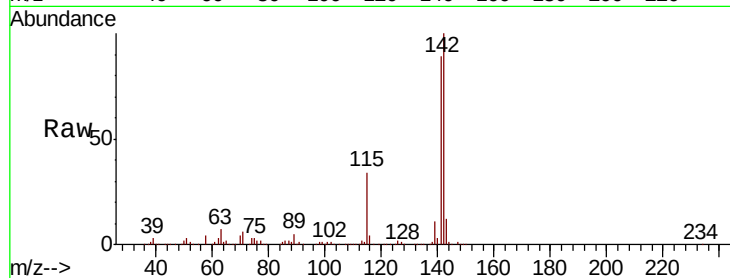




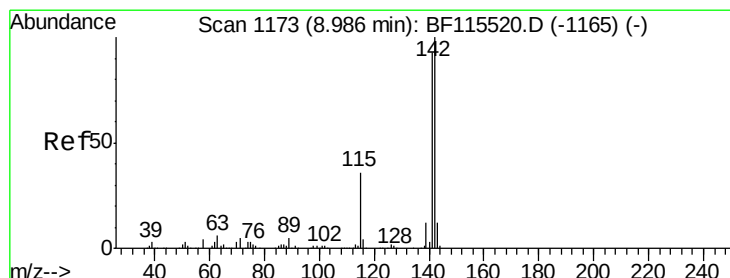
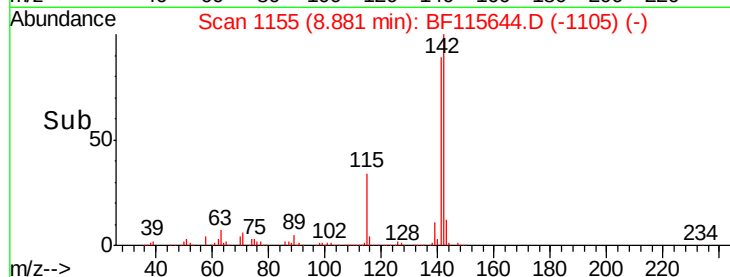
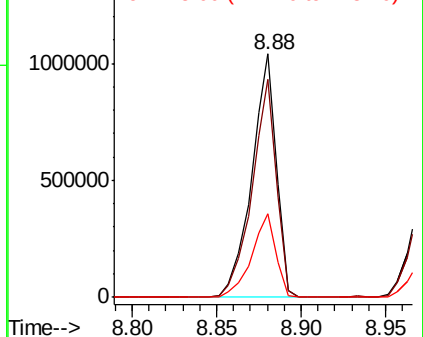
#37
2-Methylnaphthalene
Concen: 38.072 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1060270
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0
115 34.5 29.9 44.9

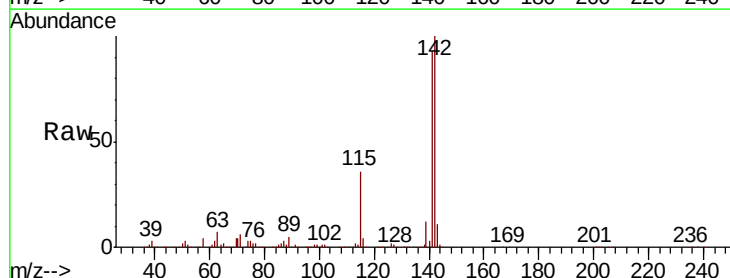


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

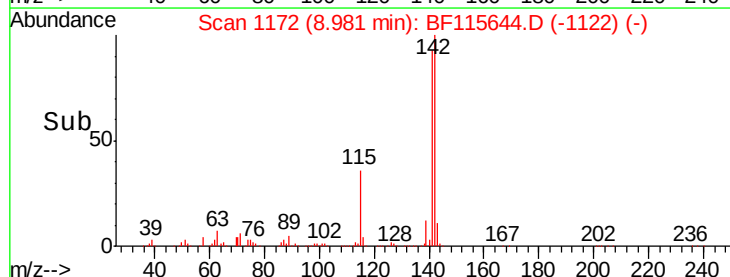
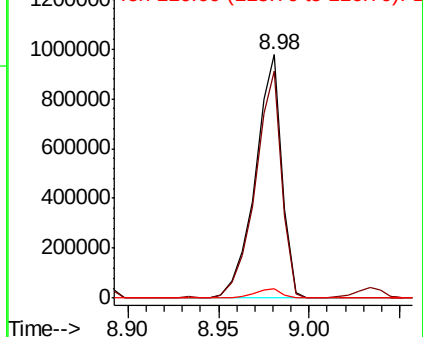


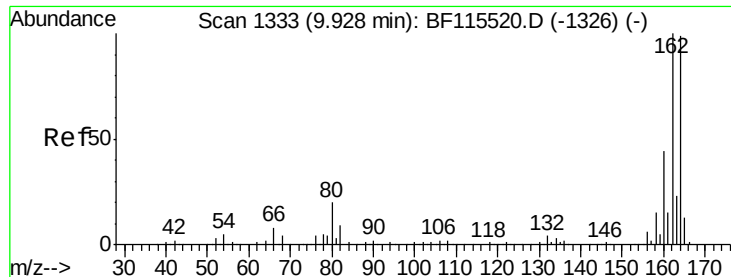
#38
1-Methylnaphthalene
Concen: 37.434 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:142 Resp: 990203
Ion Ratio Lower Upper
142 100
141 93.1 75.3 112.9
116 3.8 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

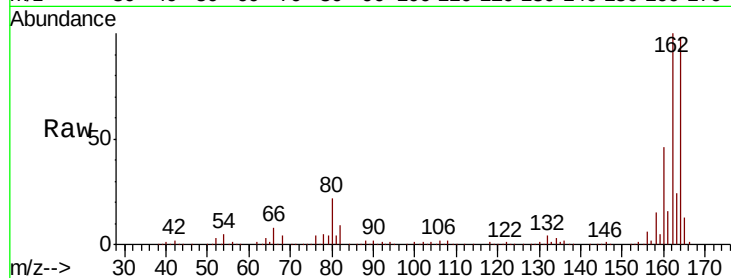




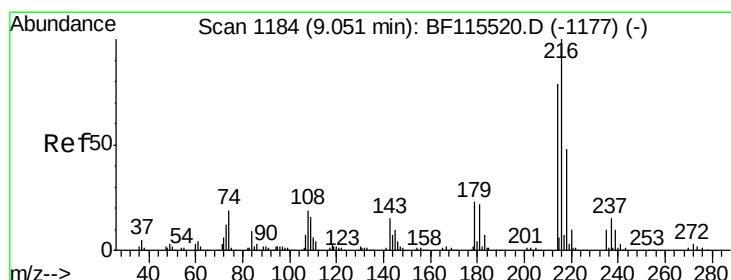
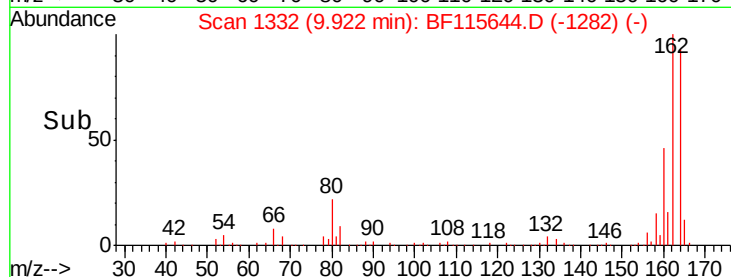
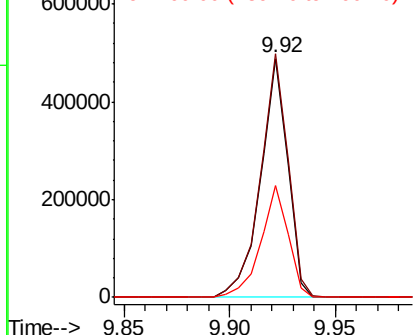
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 439811
Ion Ratio Lower Upper
164 100
162 101.9 82.9 124.3
160 46.5 36.8 55.2

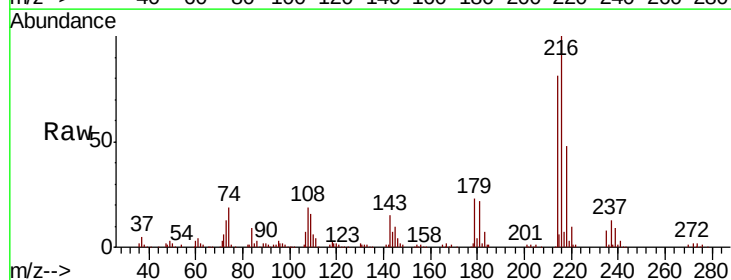


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

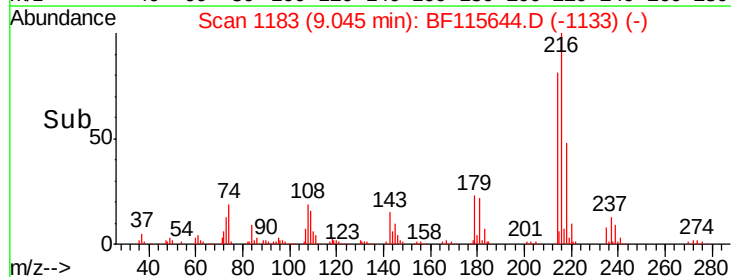
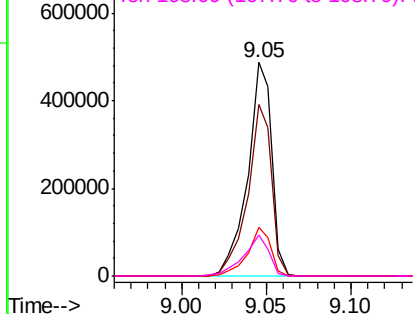


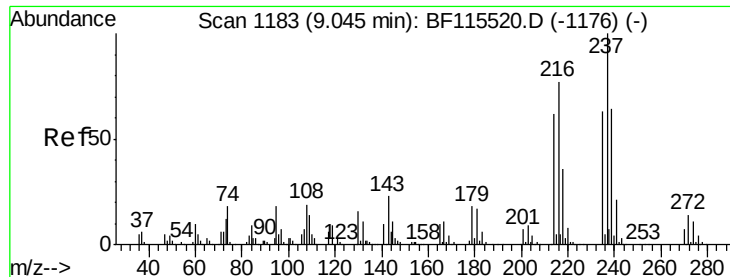
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.789 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:216 Resp: 487240
Ion Ratio Lower Upper
216 100
214 79.5 65.1 97.7
179 21.6 18.3 27.5
108 20.1 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

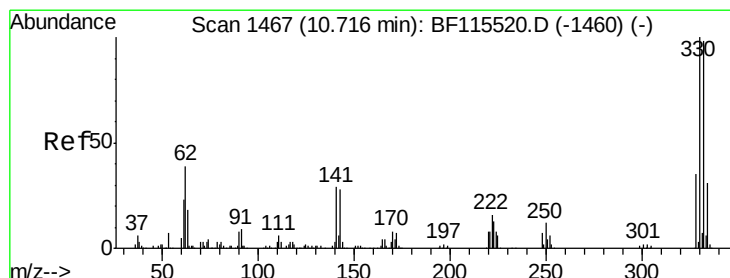
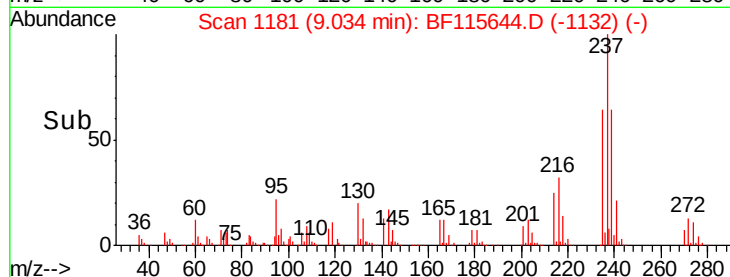
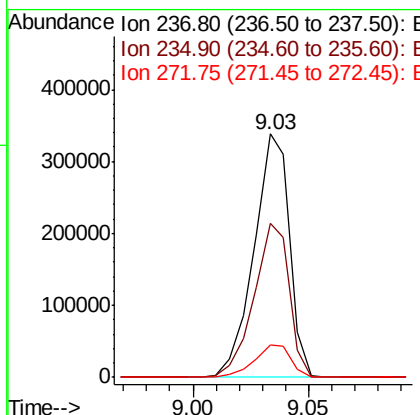
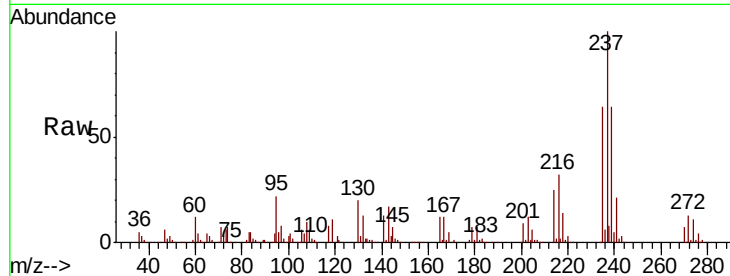




#41
Hexachlorocyclopentadiene
Concen: 47.869 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

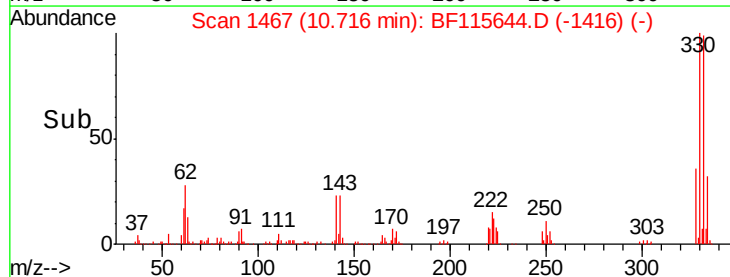
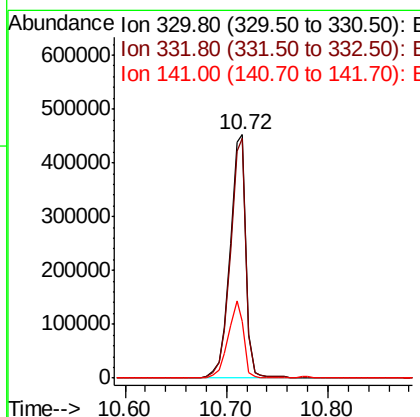
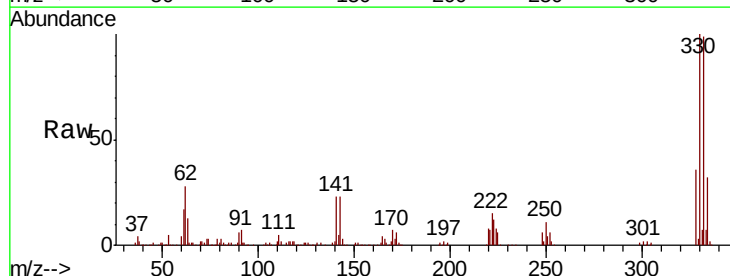
Instrument :
BNA_F
ClientSampled :

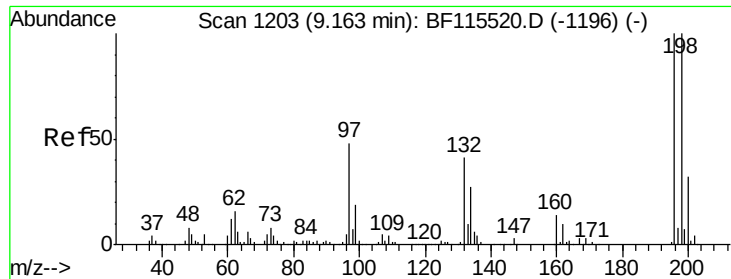
Tot Ion:	237	Resp:	361653
Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.6	83.6
272	13.1	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 96.337 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:	330	Resp:	494562
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	31.0	22.4	33.6

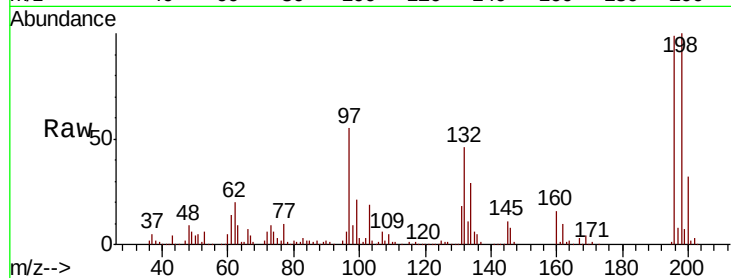




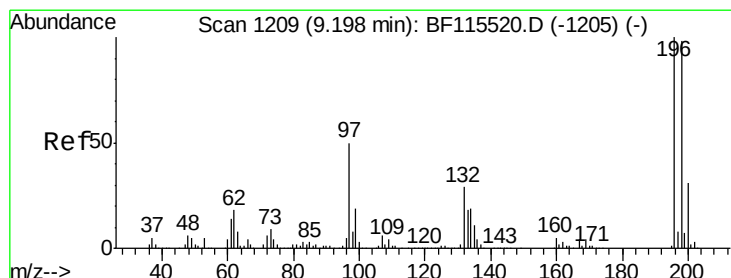
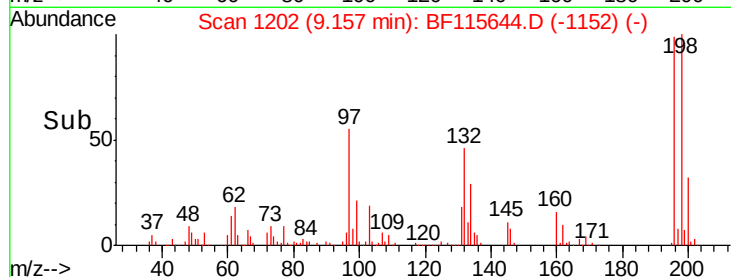
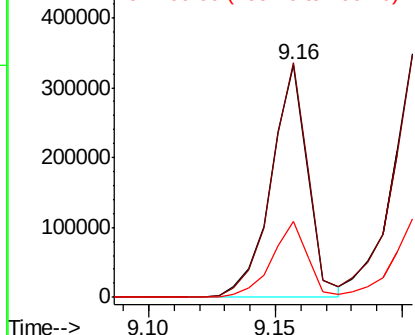
#43
 2,4,6-Trichlorophenol
 Concen: 34.226 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	80.6	121.0
200	32.4	25.8	38.6



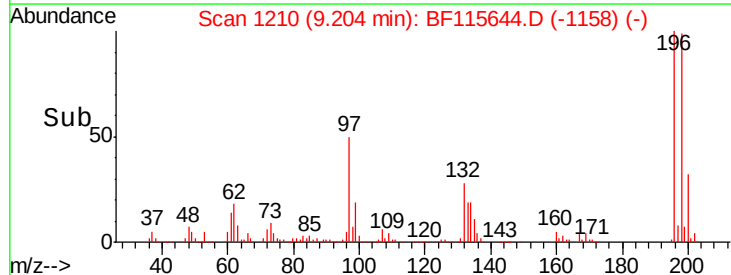
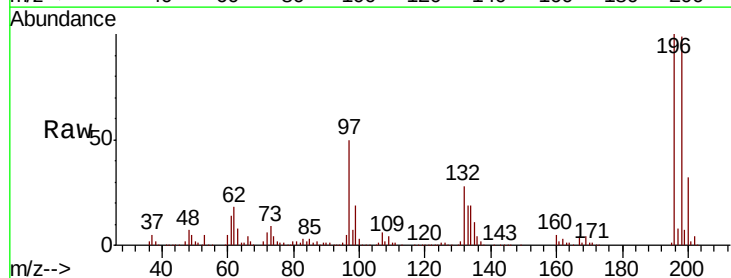
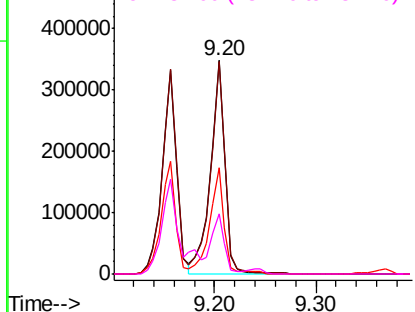
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

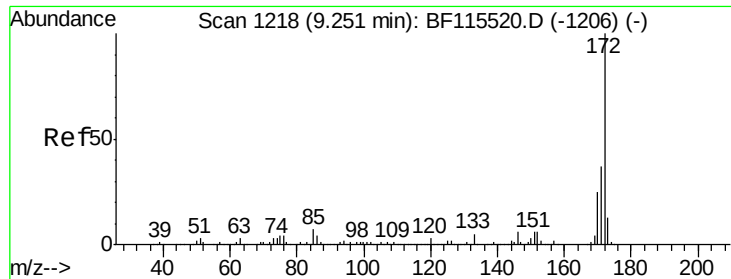


#44
 2,4,5-Trichlorophenol
 Concen: 35.051 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	79.6	119.4
97	49.7	37.8	56.6
132	28.3	22.8	34.2

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

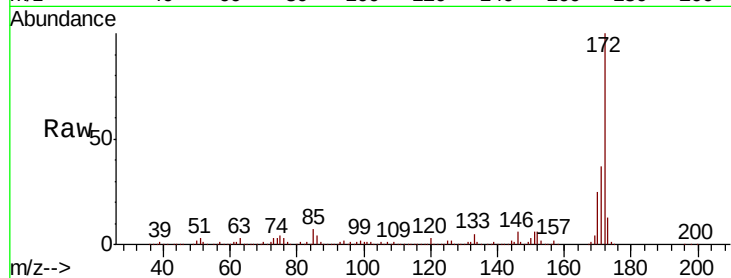




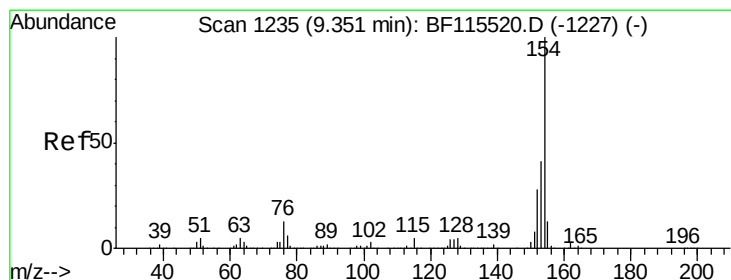
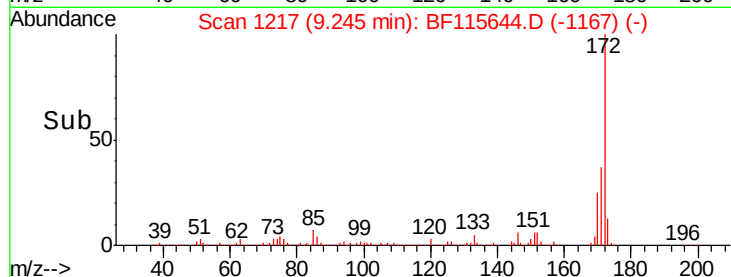
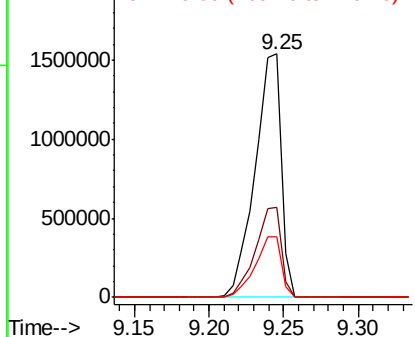
#45
2-Fluorobiphenyl
Concen: 73.846 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1855600
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 24.7 20.5 30.7

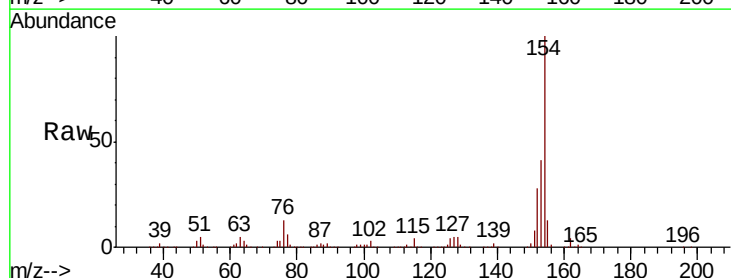


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

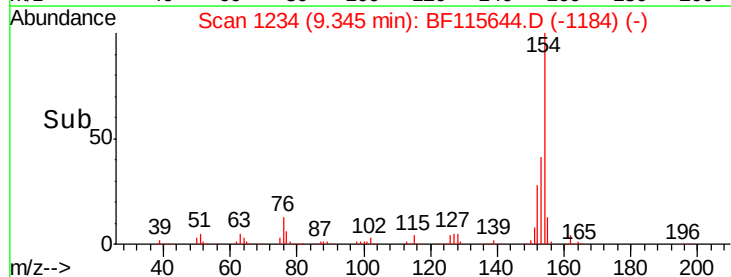
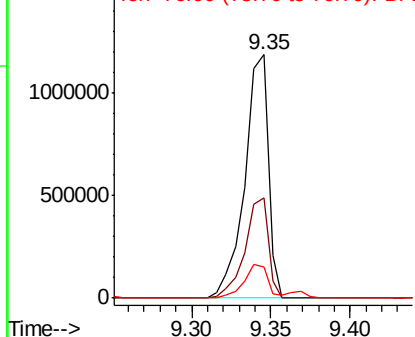


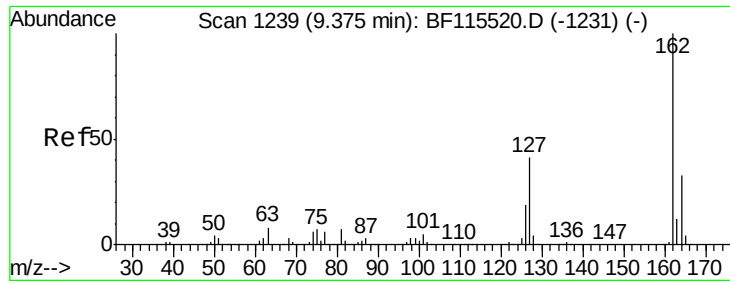
#46
1,1'-Biphenyl
Concen: 35.524 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:154 Resp: 1221467
Ion Ratio Lower Upper
154 100
153 41.1 22.6 62.6
76 12.5 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

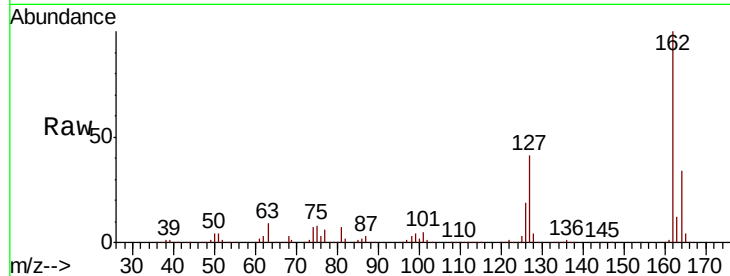




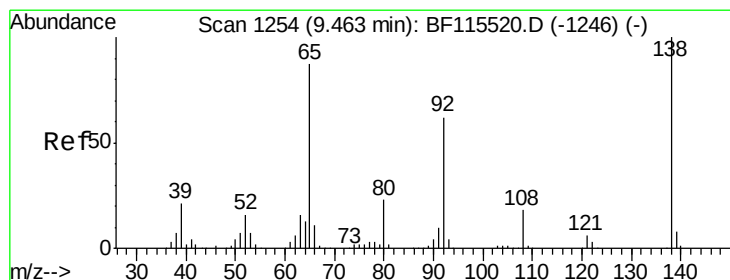
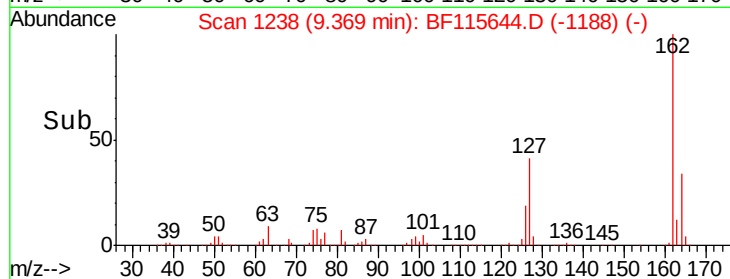
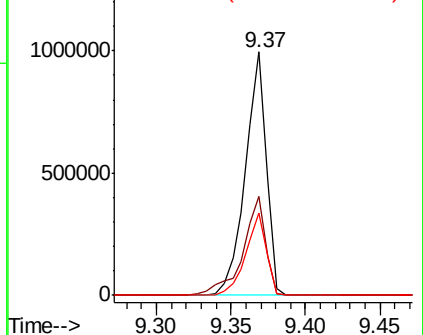
#47
 2-Chloronaphthalene
 Concen: 33.799 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 967652
 Ion Ratio Lower Upper
 162 100
 127 40.8 34.1 51.1
 164 34.0 27.4 41.2

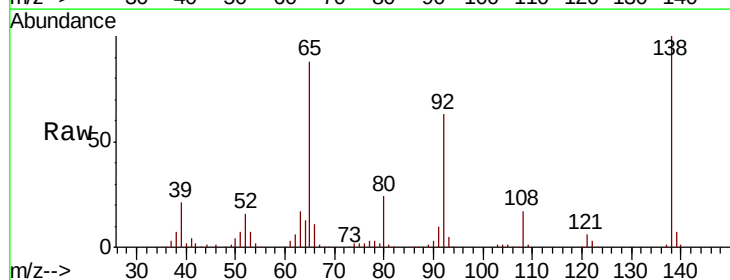


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

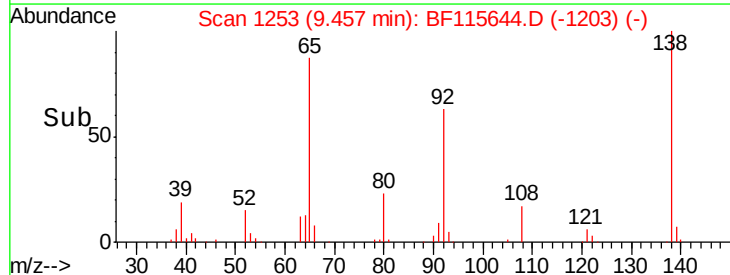
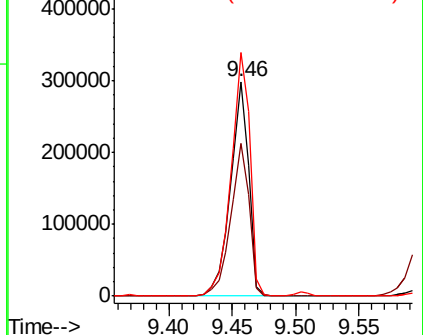


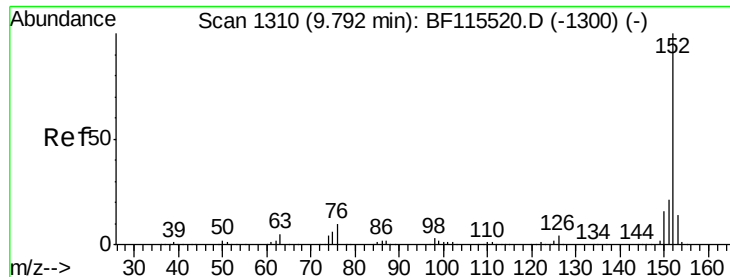
#48
 2-Nitroaniline
 Concen: 33.031 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion: 65 Resp: 292697
 Ion Ratio Lower Upper
 65 100
 92 71.3 57.8 86.6
 138 113.6 91.2 136.8



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





#49

Acenaphthylene

Concen: 34.387 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

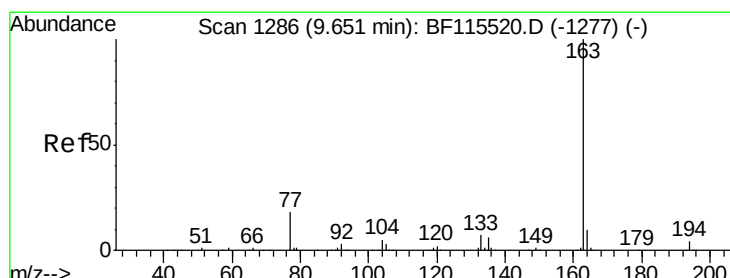
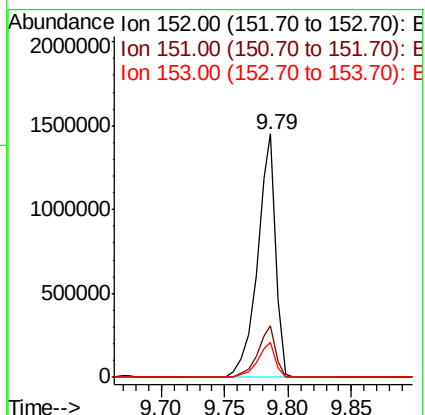
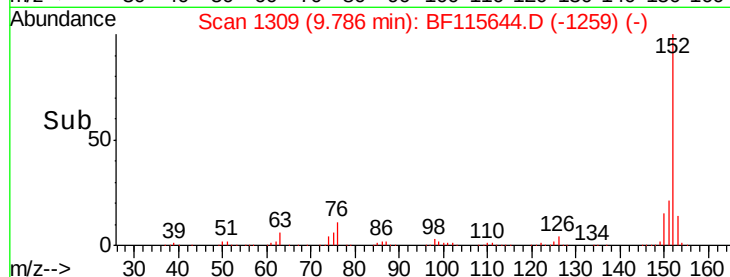
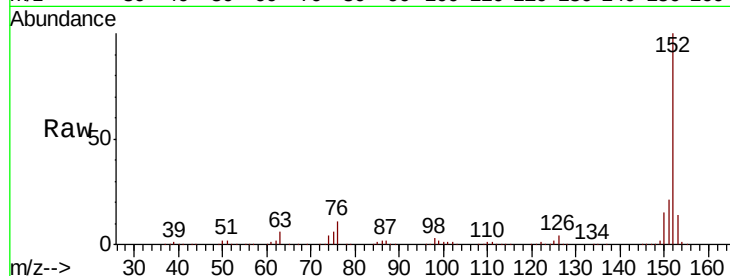
Tot Ion:152 Resp: 1458778

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

153 14.4 12.0 18.0



#50

Dimethylphthalate

Concen: 36.212 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

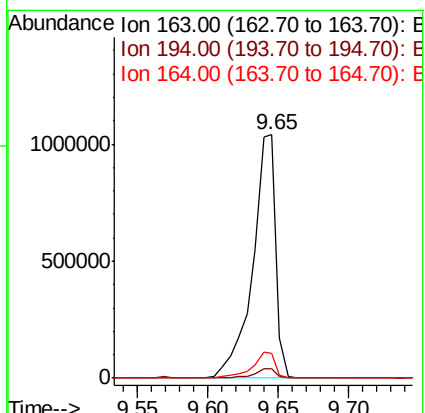
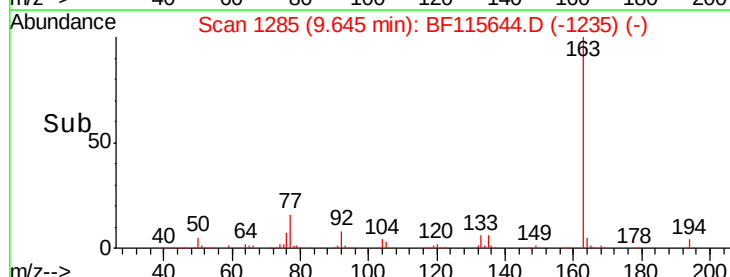
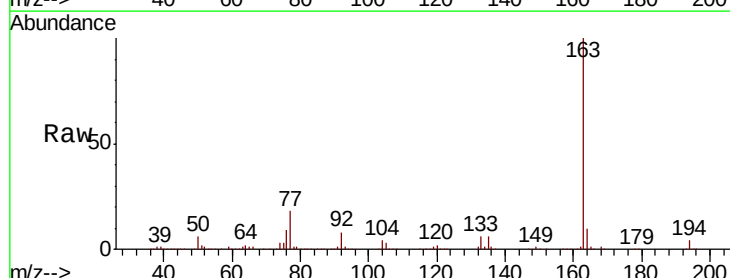
Tgt Ion:163 Resp: 1198272

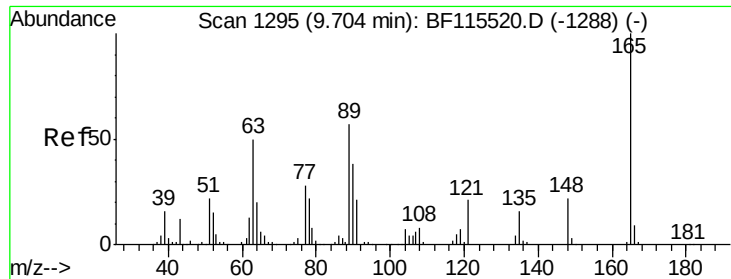
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.7 13.1

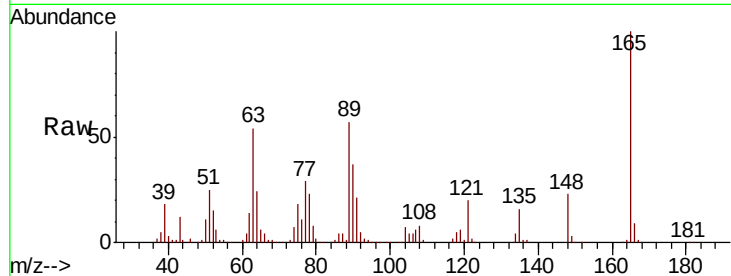




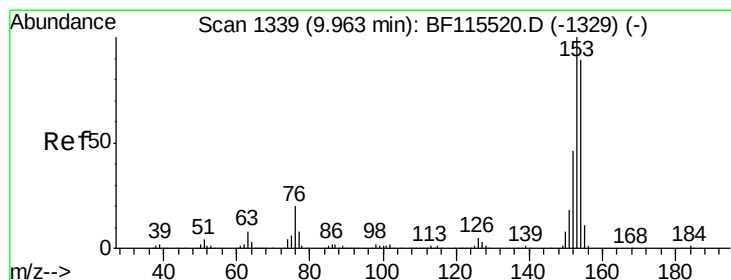
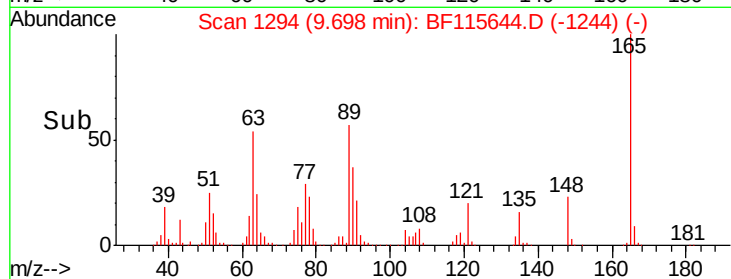
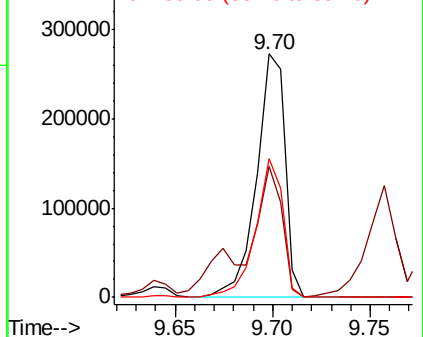
#51
2,6-Dinitrotoluene
Concen: 36.924 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 277666
Ion Ratio Lower Upper
165 100
63 53.8 40.6 61.0
89 57.0 43.9 65.9

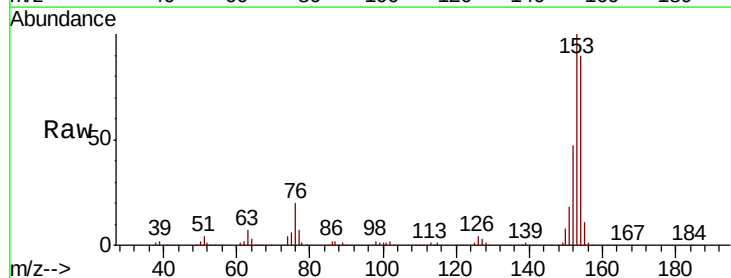


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

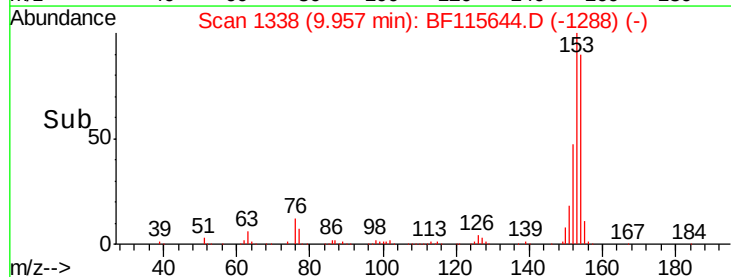
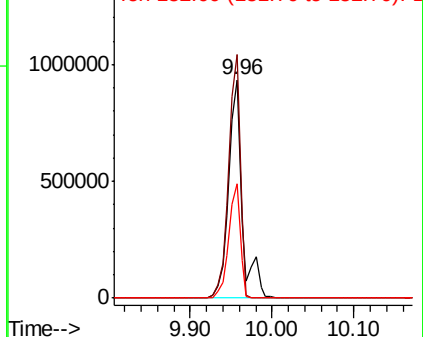


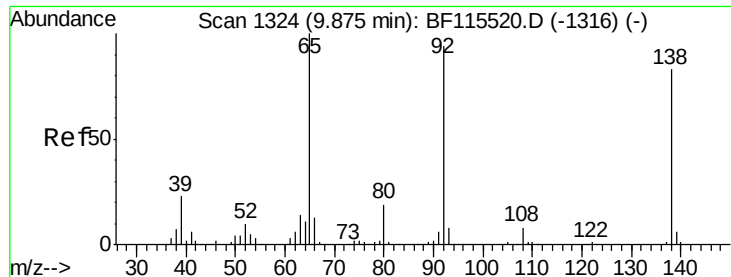
#52
Acenaphthene
Concen: 39.297 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:154 Resp: 1076300
Ion Ratio Lower Upper
154 100
153 111.4 88.6 133.0
152 52.6 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

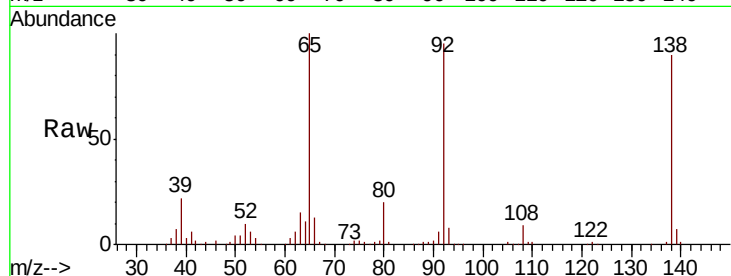




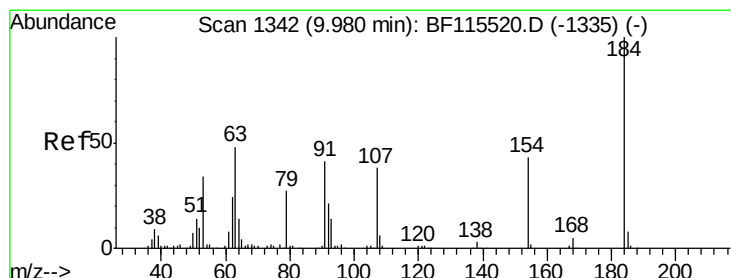
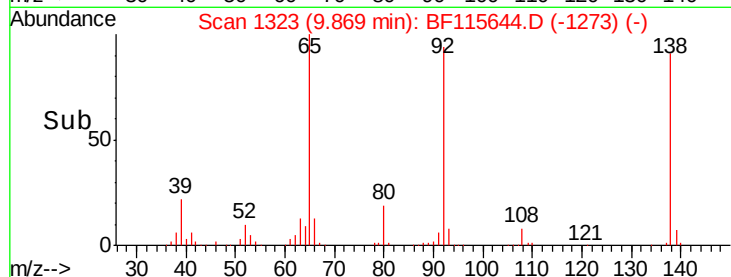
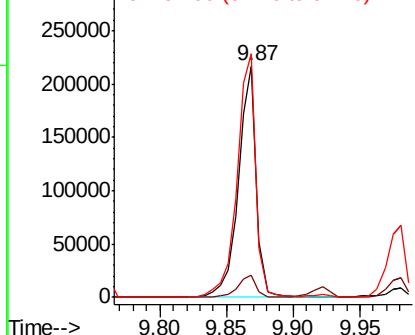
#53
3-Nitroaniline
Concen: 23.533 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 202231
Ion Ratio Lower Upper
138 100
108 9.6 8.4 12.6
92 105.3 88.0 132.0

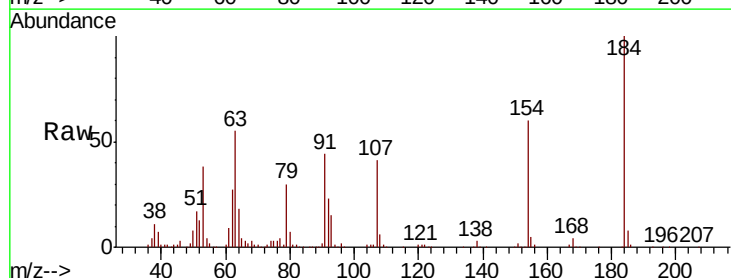


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

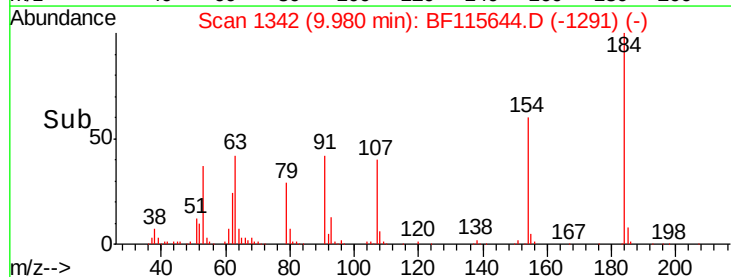
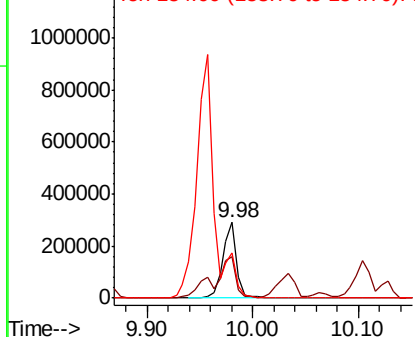


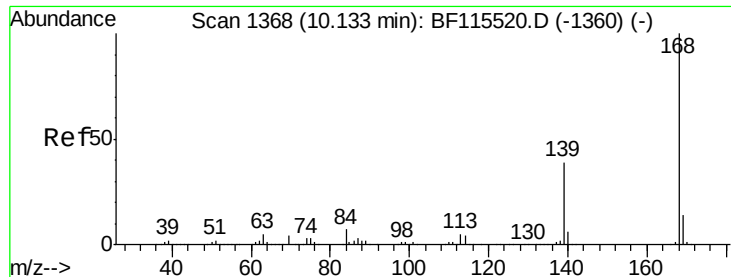
#54
2,4-Dinitrophenol
Concen: 69.717 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:184 Resp: 269168
Ion Ratio Lower Upper
184 100
63 55.2 48.7 73.1
154 60.3 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

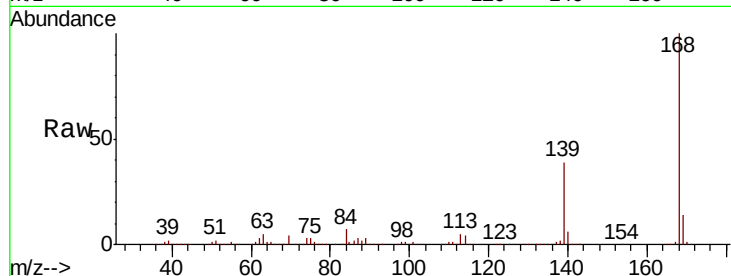




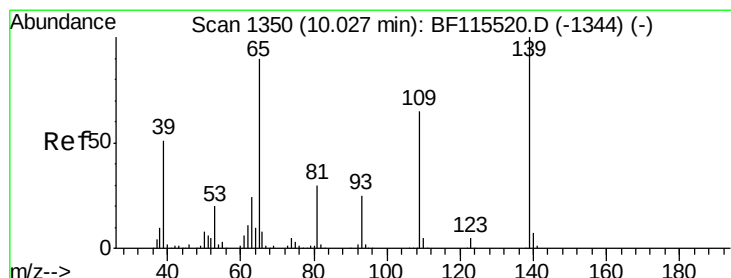
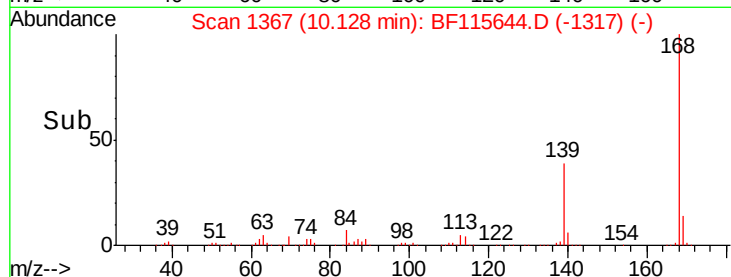
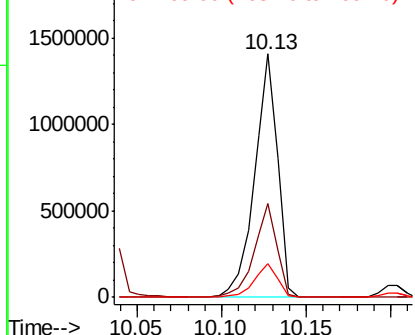
#55
Dibenzenofuran
Concen: 34.336 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1335522
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 13.9 11.1 16.7

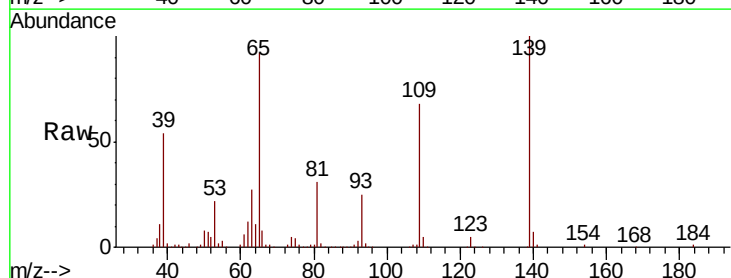


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

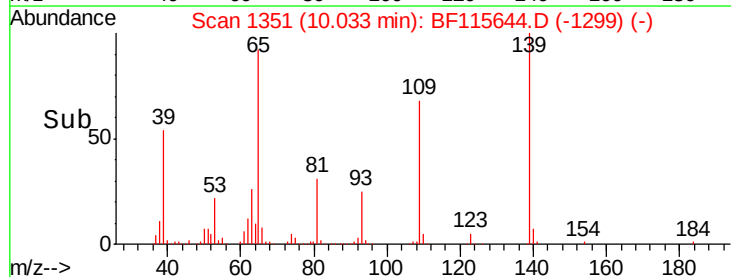
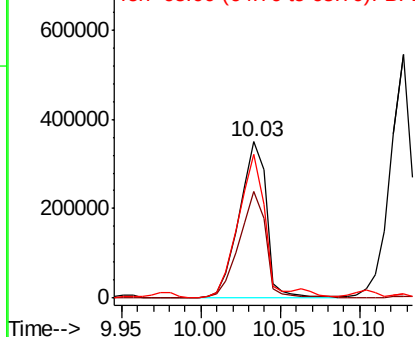


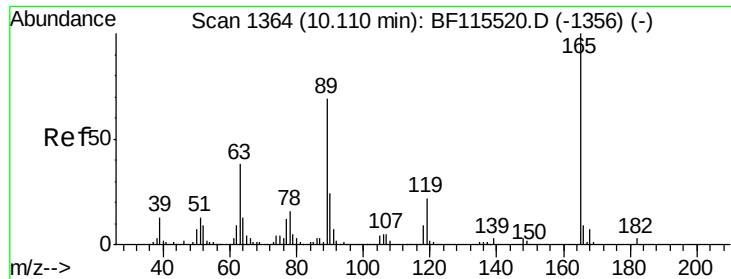
#56
4-Nitrophenol
Concen: 63.904 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:139 Resp: 418761
Ion Ratio Lower Upper
139 100
109 68.0 46.4 86.4
65 91.9 68.9 108.9



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

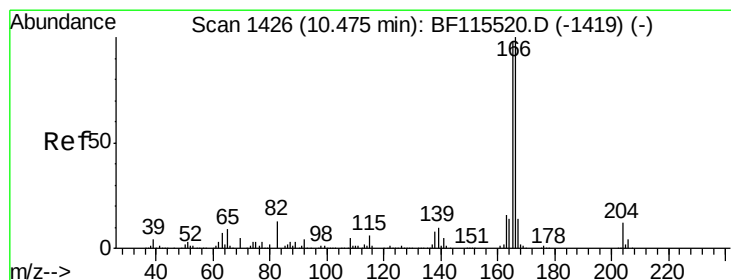
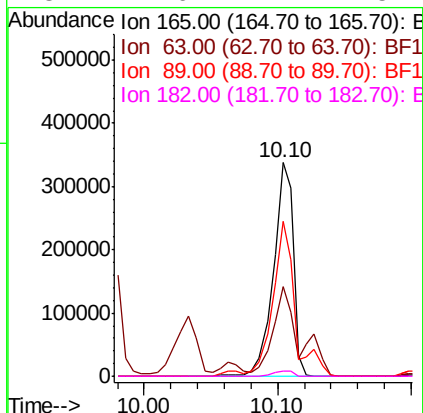
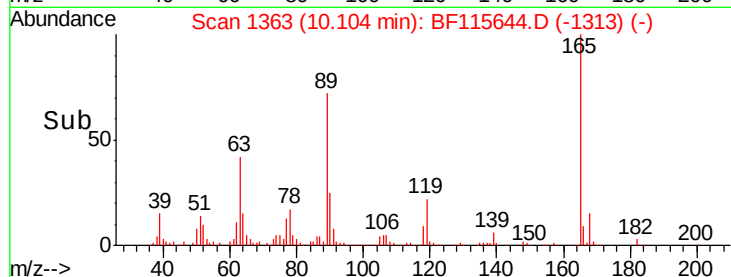
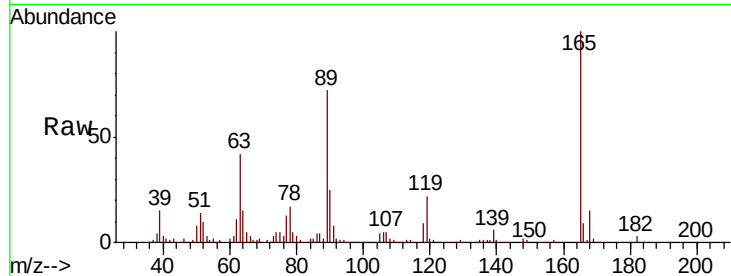




#57
2,4-Dinitrotoluene
Concen: 36.129 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

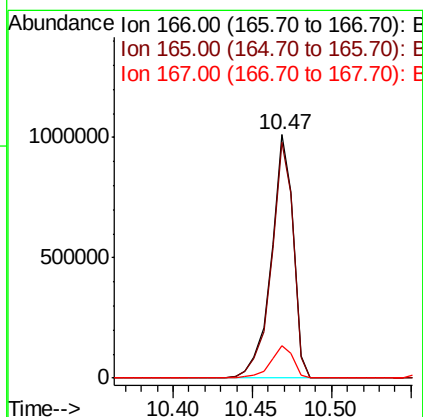
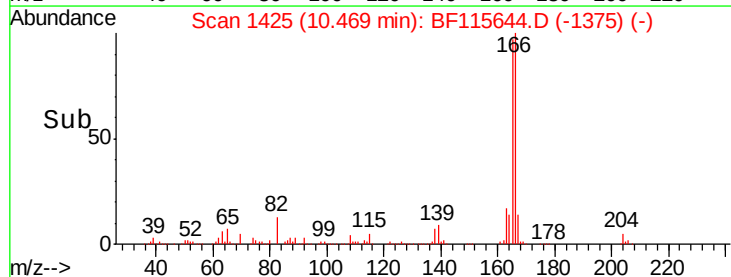
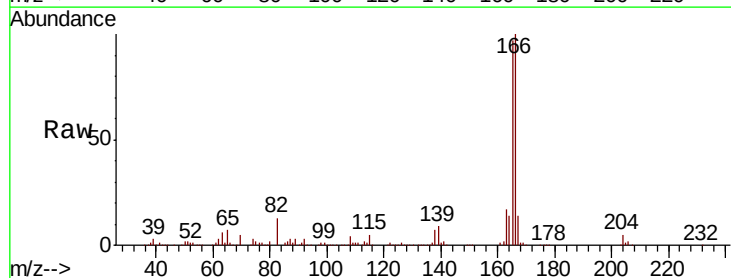
Instrument :
BNA_F
ClientSampled :

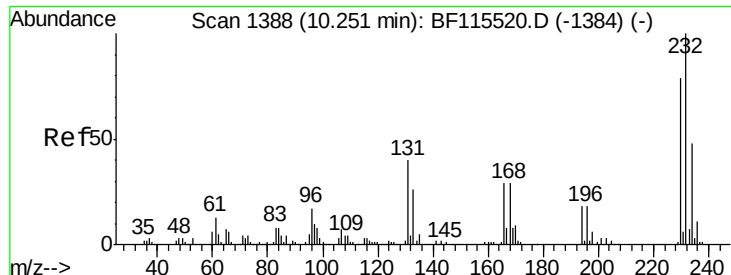
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.9	52.3
89	72.3	57.5	86.3
182	2.6	2.2	3.4



#58
Fluorene
Concen: 35.090 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.6
167	13.6	11.2	16.8

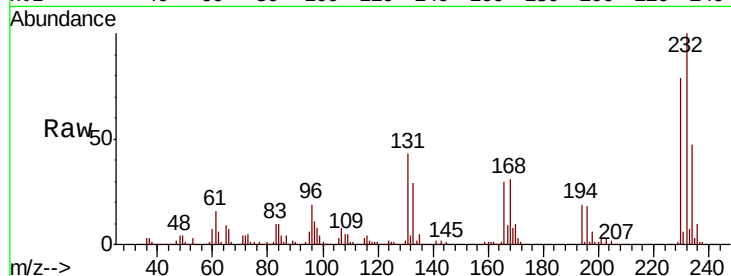




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.306 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	301034
Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.9	53.9
130	2.2	1.8	2.6
166	29.3	24.8	37.2



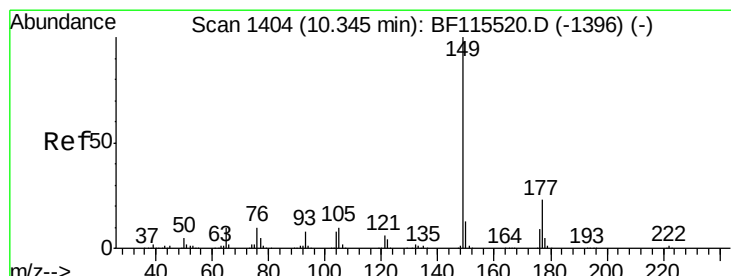
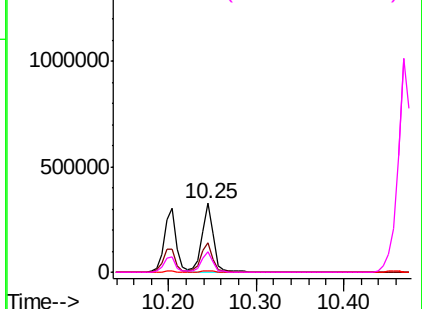
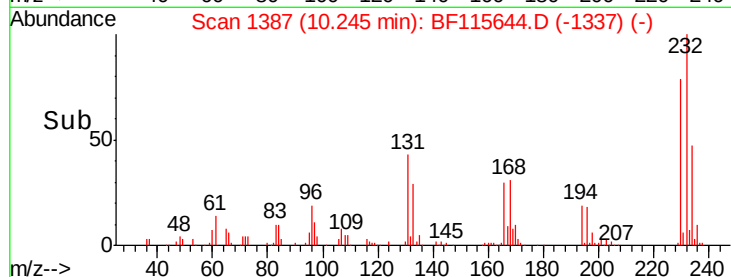
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

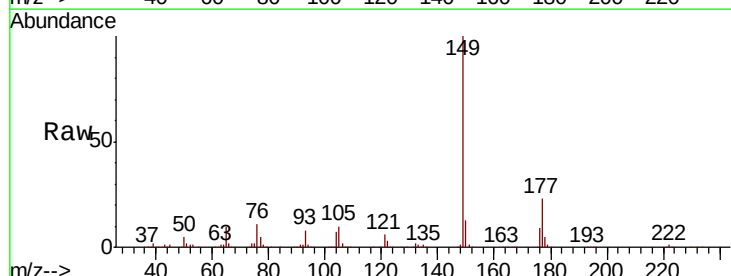
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 35.751 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:	149	Resp:	1108410
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.5	29.3
150	12.9	10.4	15.6

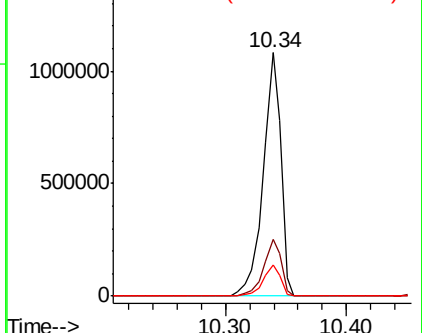
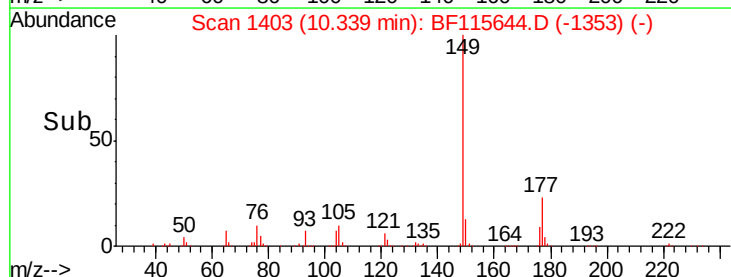


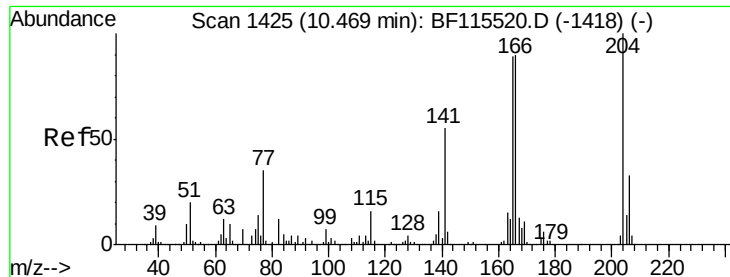
Abundance

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

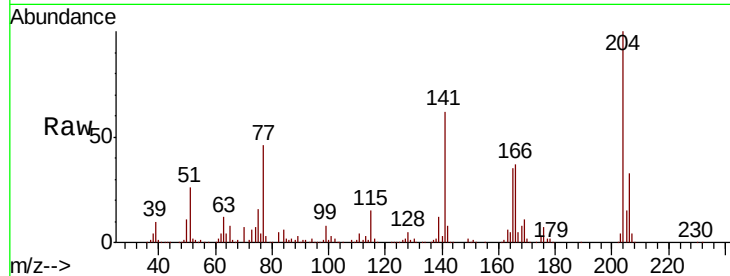




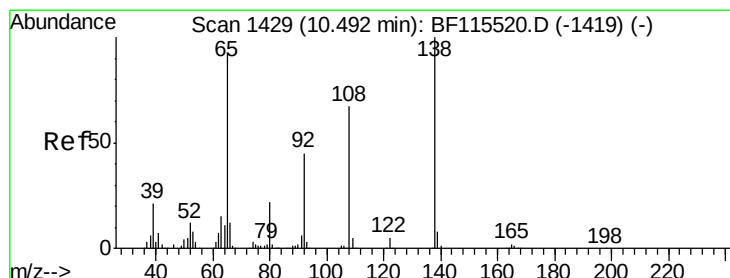
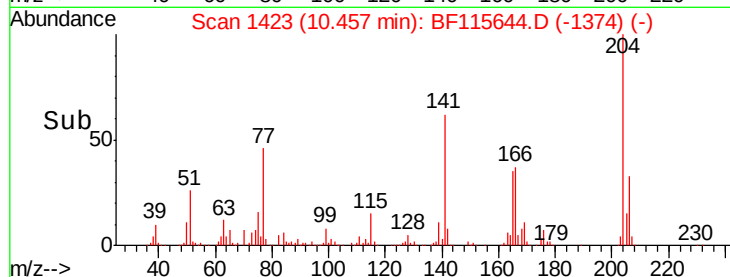
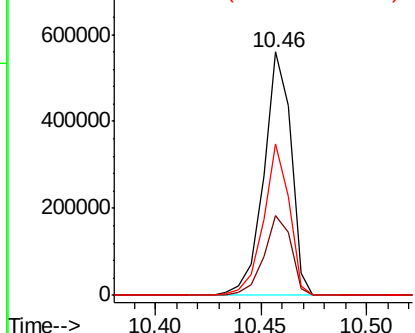
#61
4-Chlorophenyl-phenylether
Concen: 32.591 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 502547
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 62.0 44.2 66.2

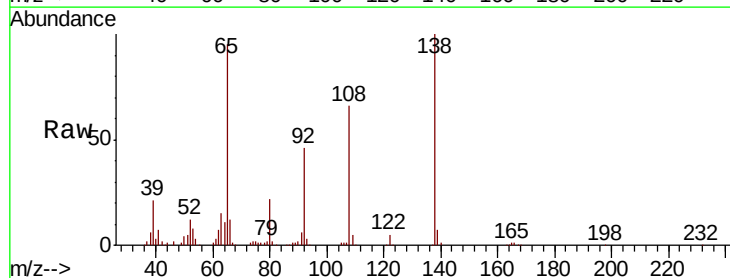


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

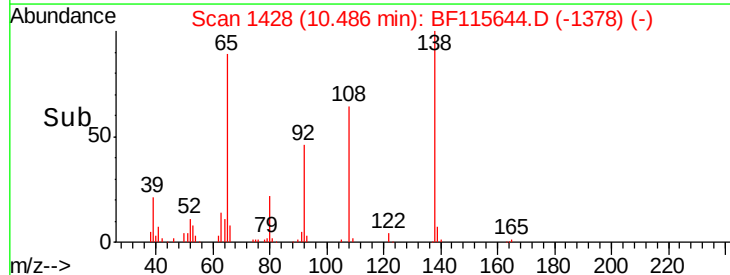
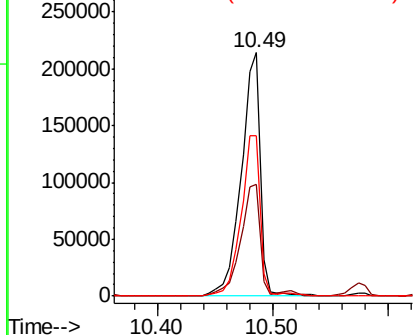


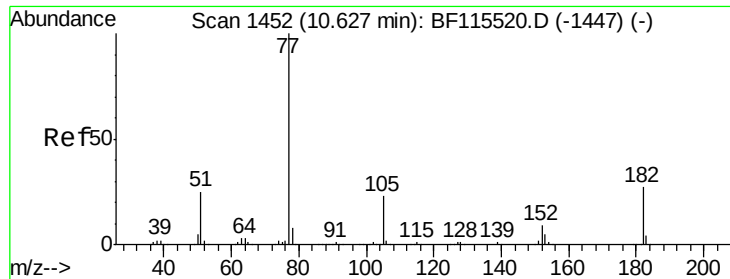
#62
4-Nitroaniline
Concen: 29.692 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:138 Resp: 244748
Ion Ratio Lower Upper
138 100
92 45.7 27.1 67.1
108 65.8 48.0 88.0



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





#63

Azobenzene

Concen: 38.006 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1142945

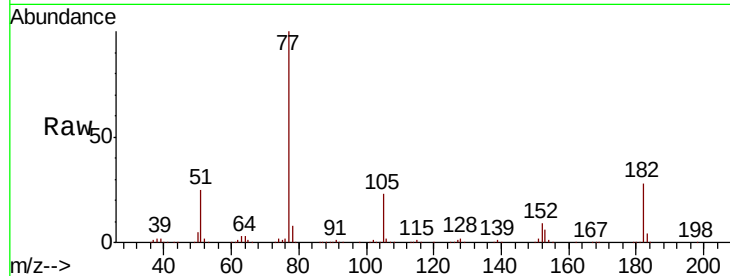
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.9	46.9
105	23.4	3.9	43.9
51	25.0	7.3	47.3

77 100

182 27.7 6.9 46.9

105 23.4 3.9 43.9

51 25.0 7.3 47.3

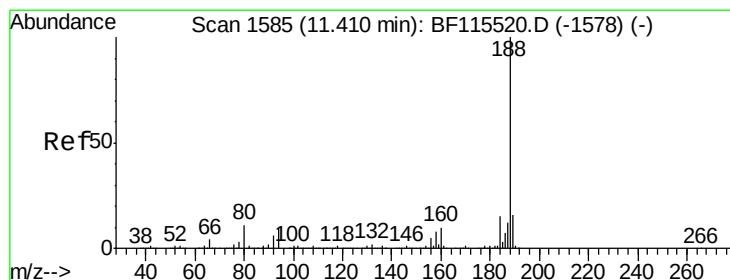
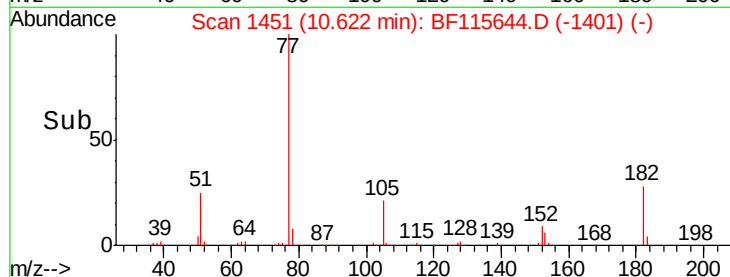
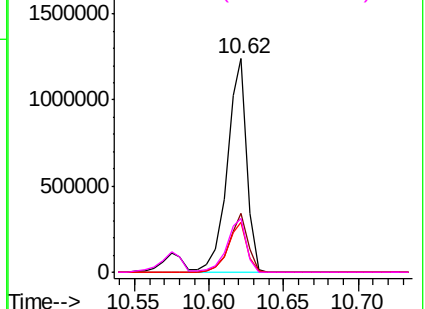


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF115644.D

Acq: 18 Jul 2019 13:12

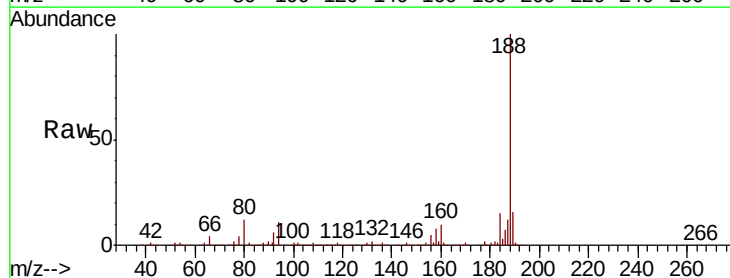
Tgt Ion: 188 Resp: 817716

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.7	8.6	13.0

188 100

94 10.7 7.8 11.6

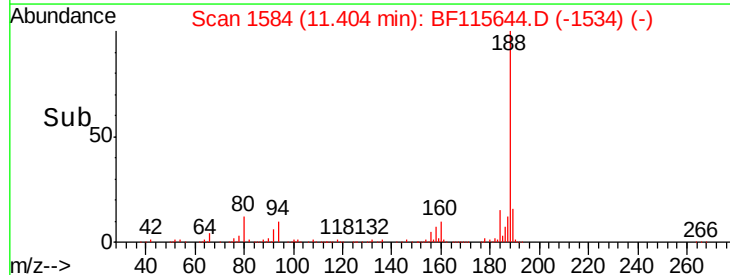
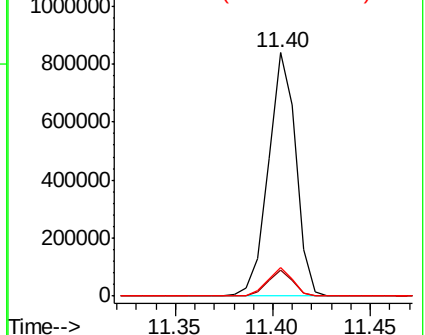
80 11.7 8.6 13.0

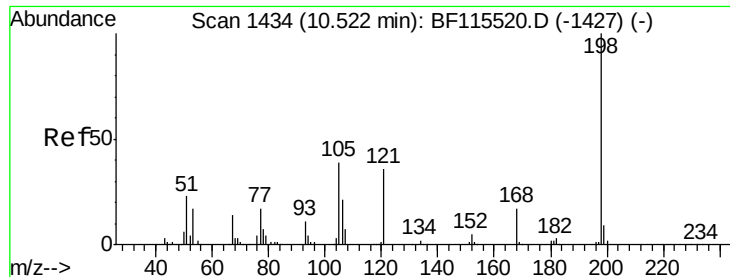


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

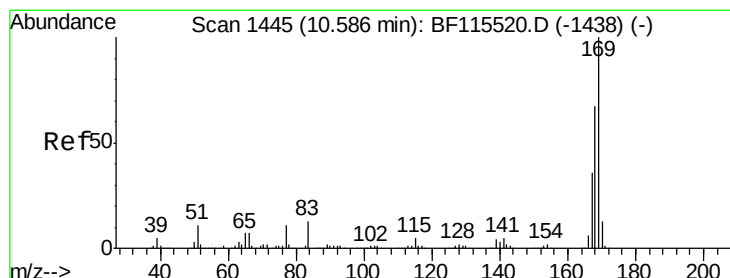
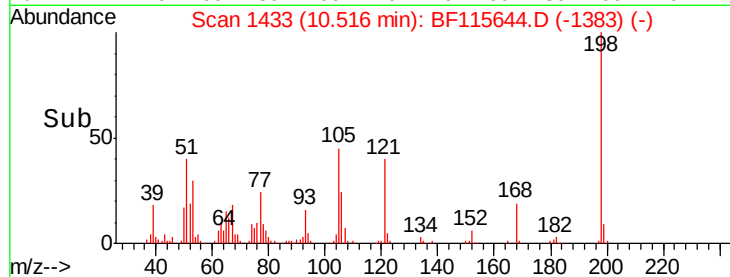
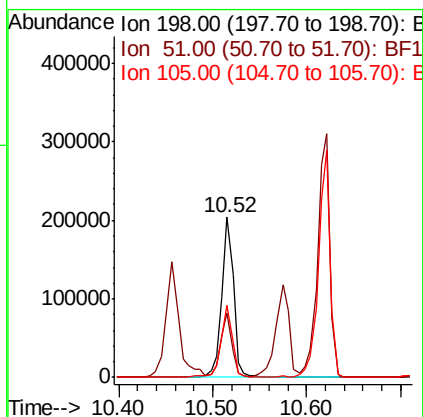
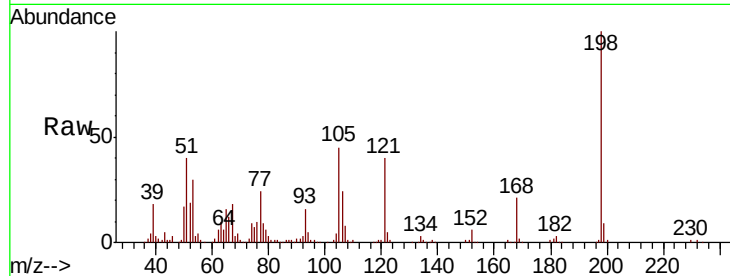




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.867 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

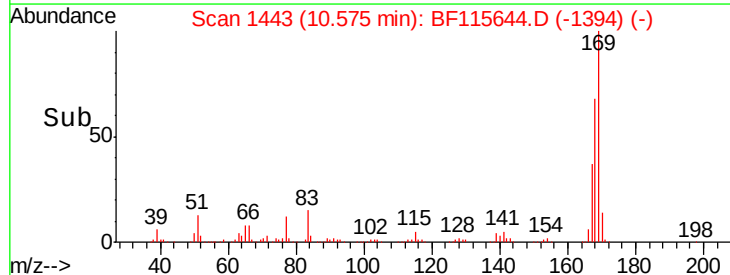
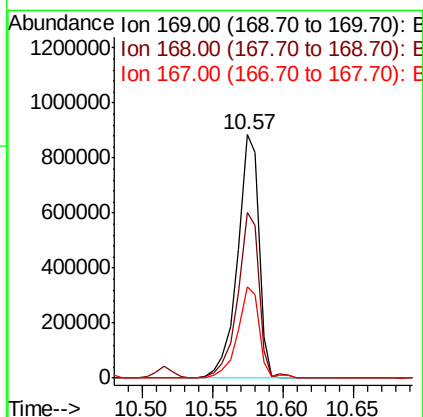
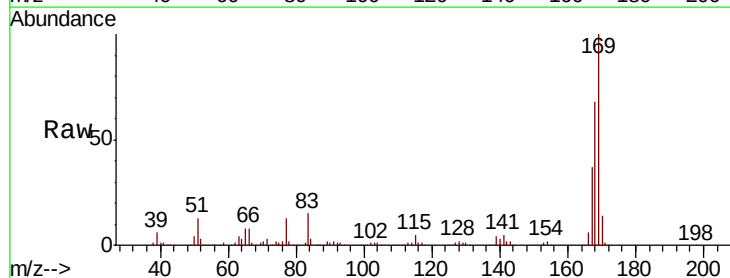
Instrument :
 BNA_F
 ClientSampleId :

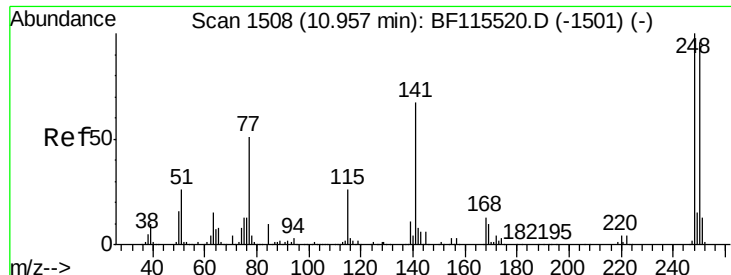
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.9	19.1	59.1
105	44.8	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 36.578 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.3	81.5
167	37.4	30.2	45.2

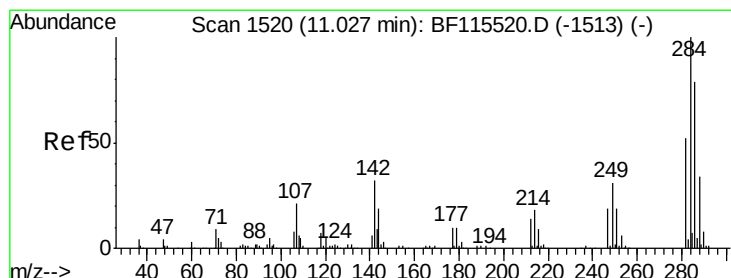
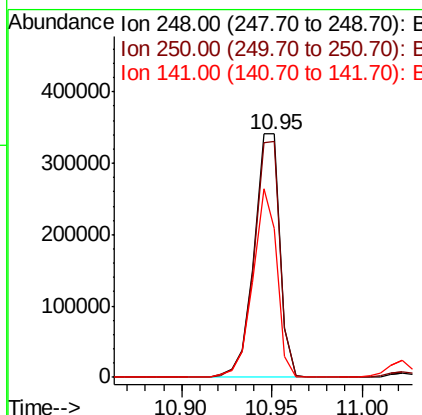
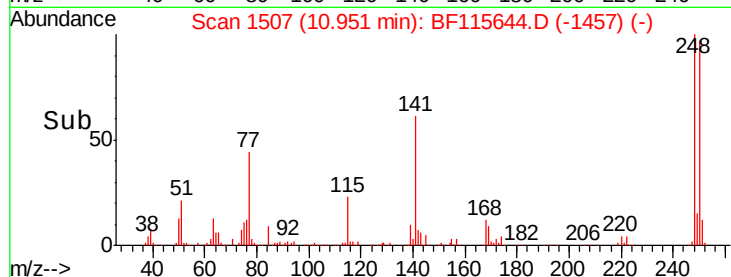
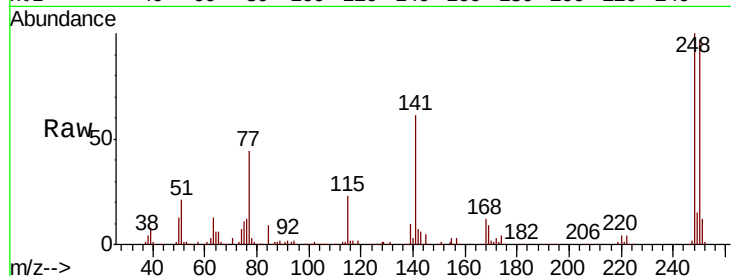




#67
 4-Bromophenyl-phenylether
 Concen: 36.123 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

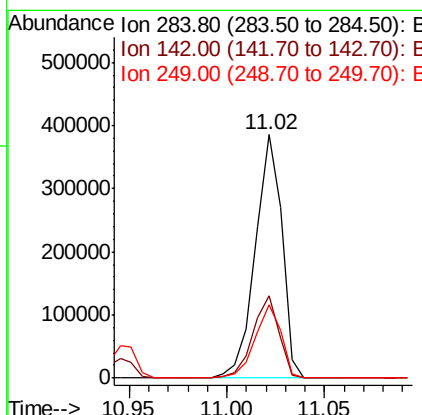
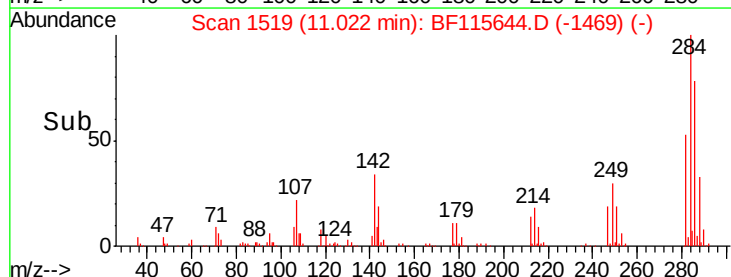
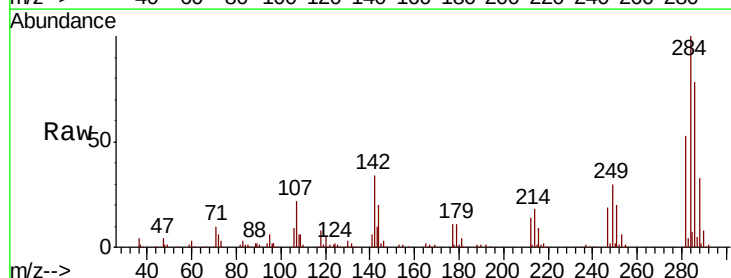
Instrument :
 BNA_F
 ClientSampleId :

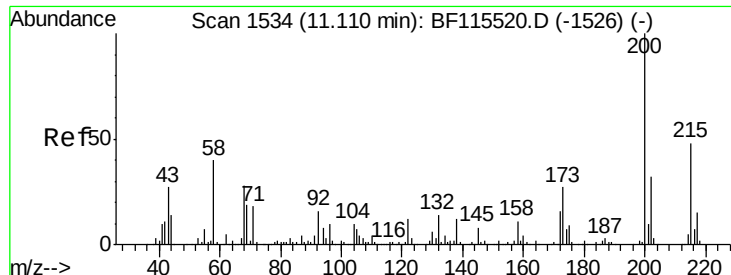
Tot Ion:248 Resp: 337550
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.0 117.0
 141 61.4 57.7 86.5



#68
 Hexachlorobenzene
 Concen: 34.152 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:284 Resp: 364453
 Ion Ratio Lower Upper
 284 100
 142 33.8 22.2 33.2#
 249 30.0 23.4 35.2



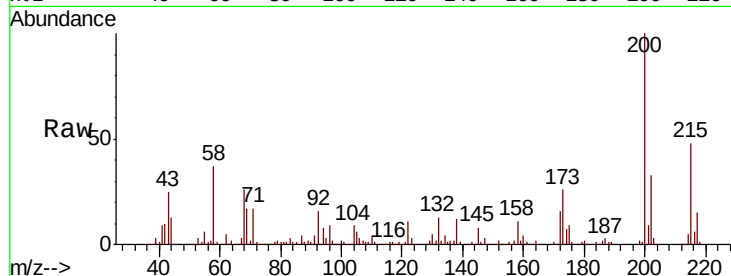


#69
Atrazine
Concen: 31.839 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

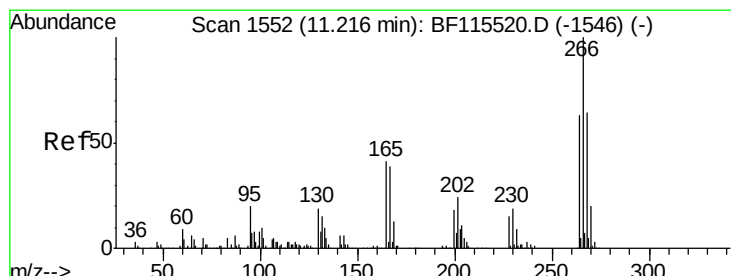
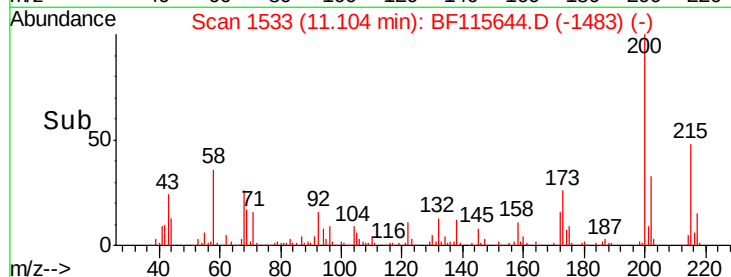
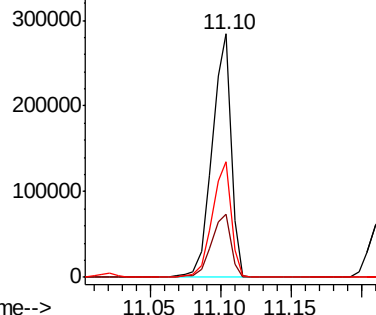
Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 265679

Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.9	46.9
215	47.7	27.9	67.9



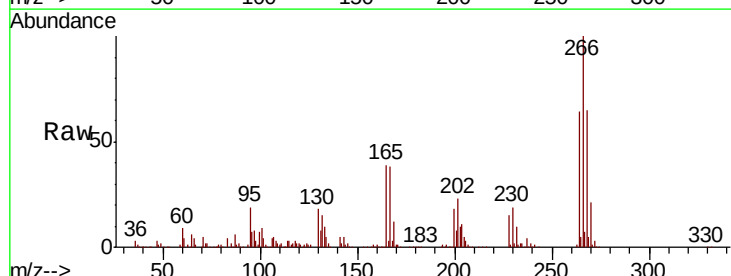
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



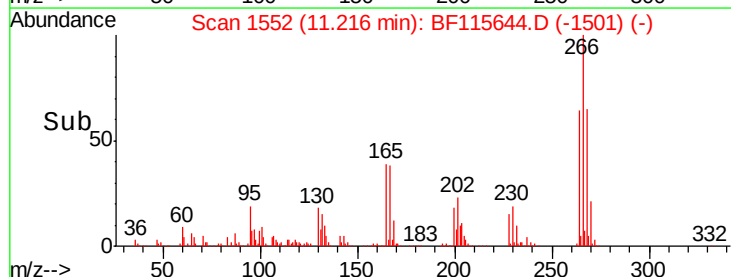
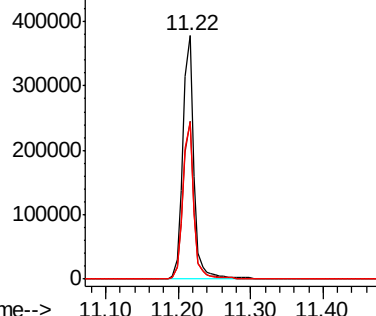
#70
Pentachlorophenol
Concen: 62.058 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

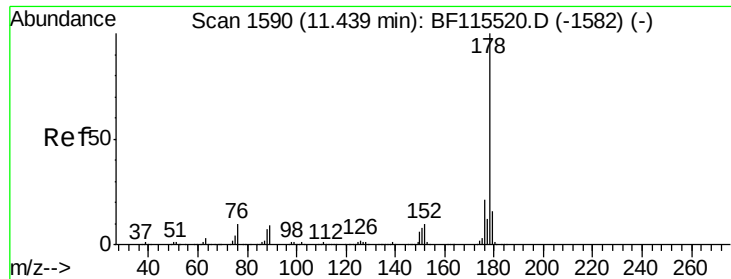
Tgt Ion:266 Resp: 405045

Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.6	77.4
264	64.5	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

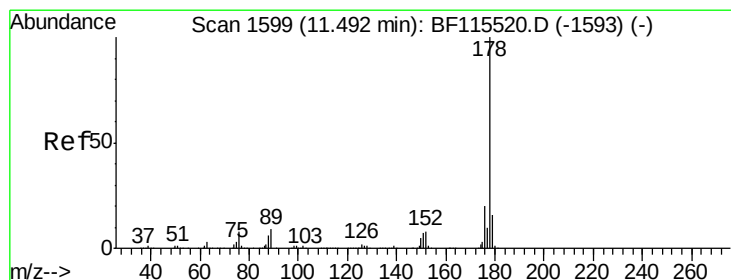
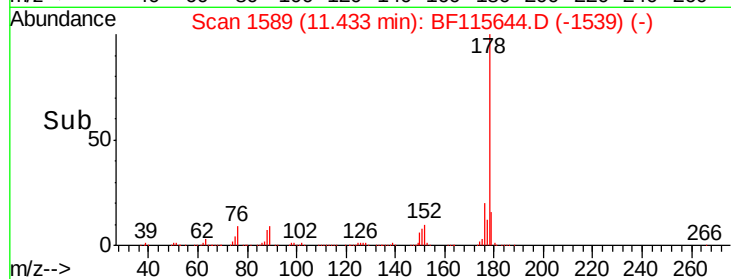
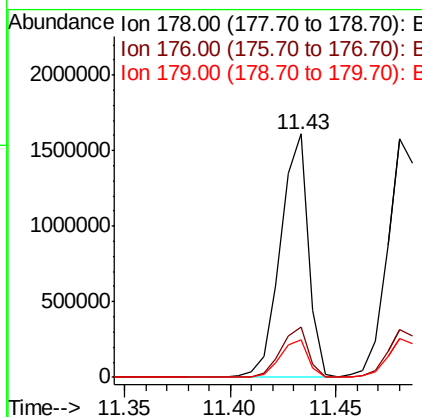
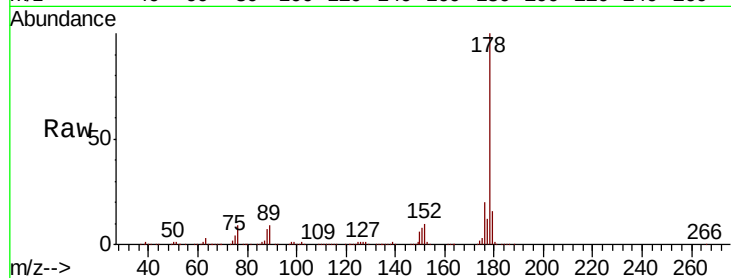




#71
Phenanthrene
Concen: 35.577 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

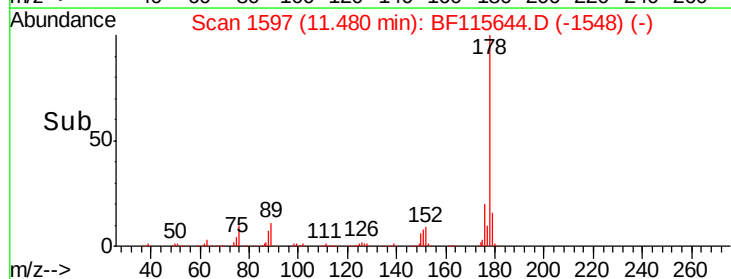
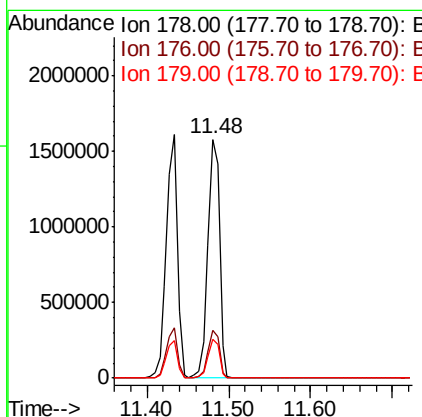
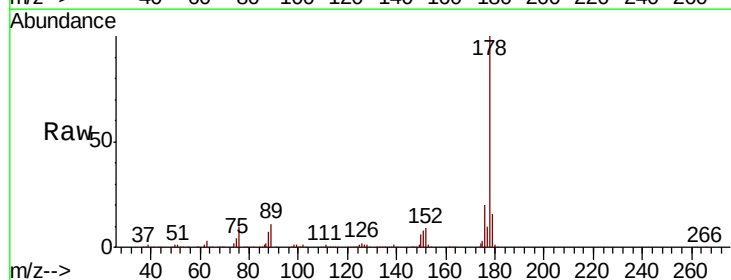
Instrument :
BNA_F
ClientSampleId :

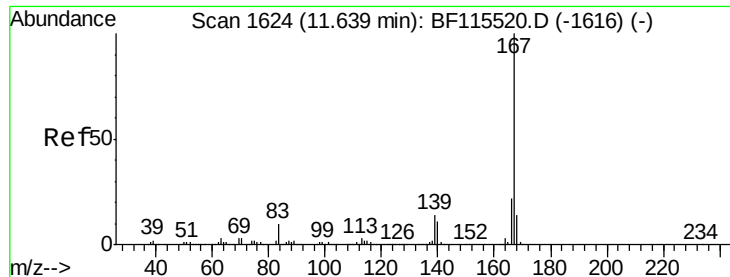
Tot Ion:178 Resp: 1491239
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.7 13.5 20.3



#72
Anthracene
Concen: 36.120 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:178 Resp: 1564629
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.1 12.7 19.1

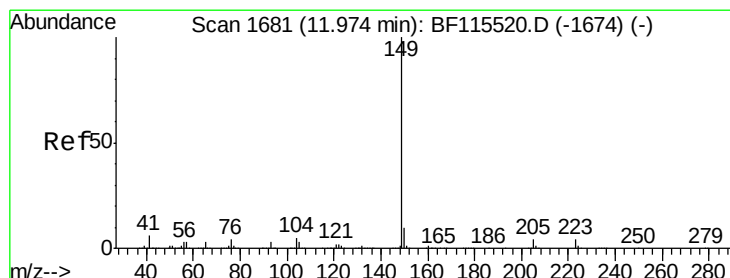
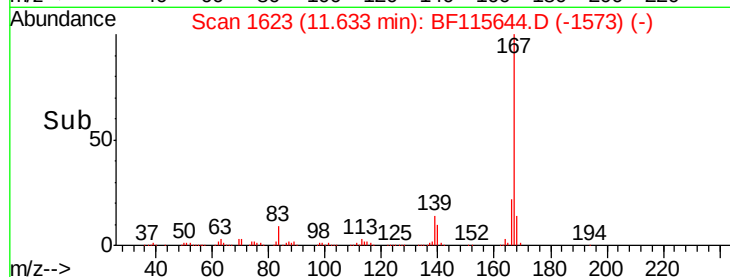
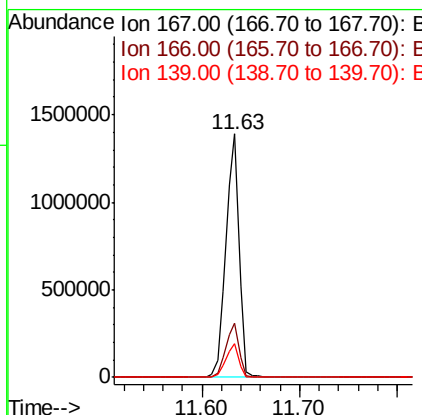
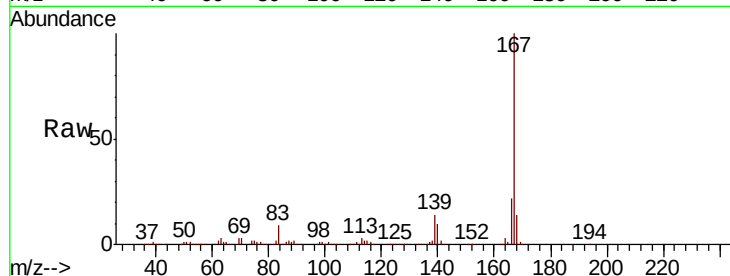




#73
 Carbazole
 Concen: 34.487 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

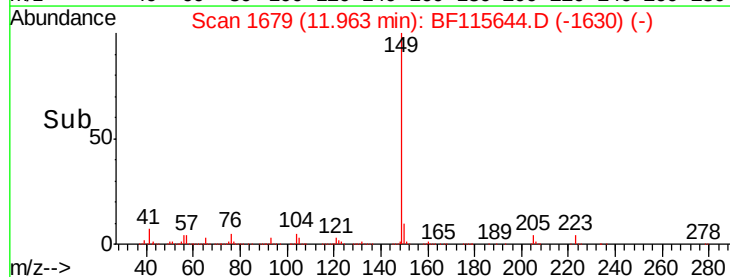
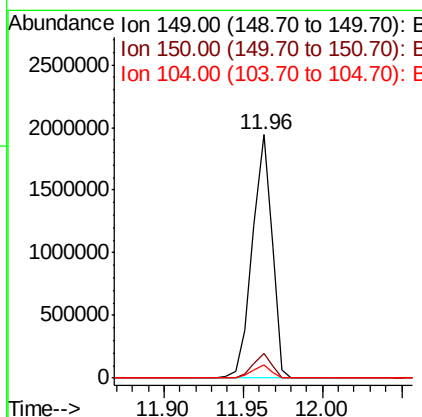
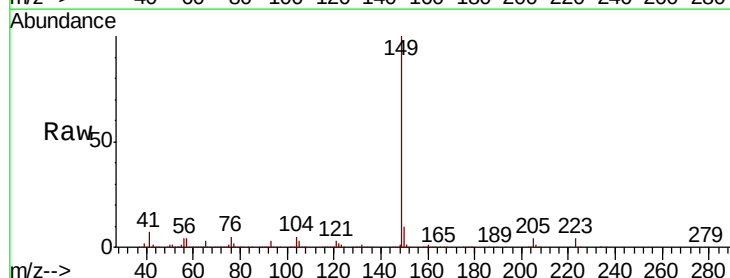
Instrument :
 BNA_F
 ClientSampleId :

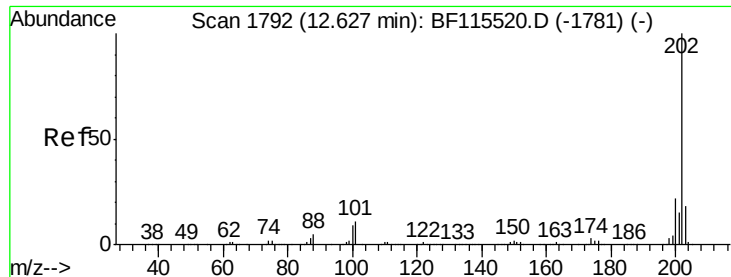
Tot Ion:167 Resp: 1310026
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 35.712 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:149 Resp: 1670992
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.3 3.8 5.8

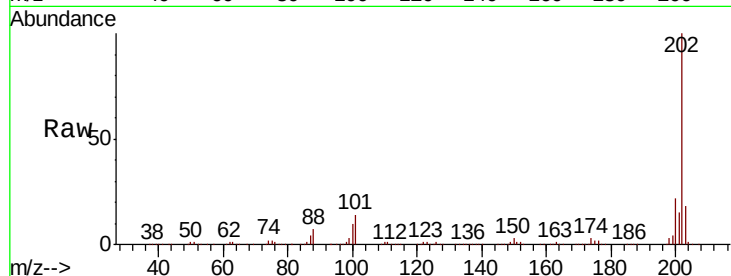




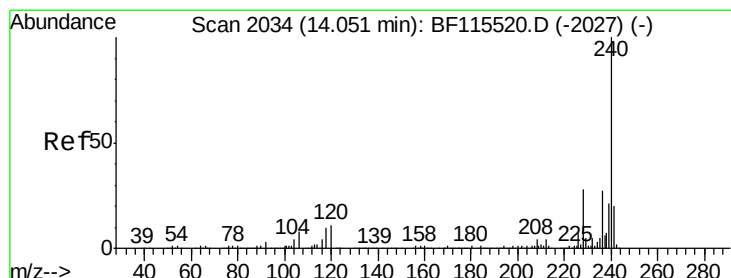
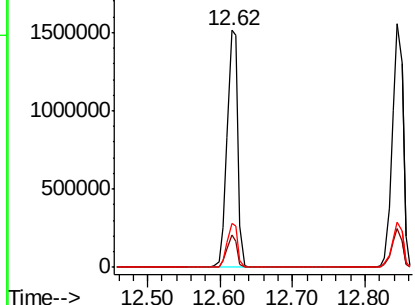
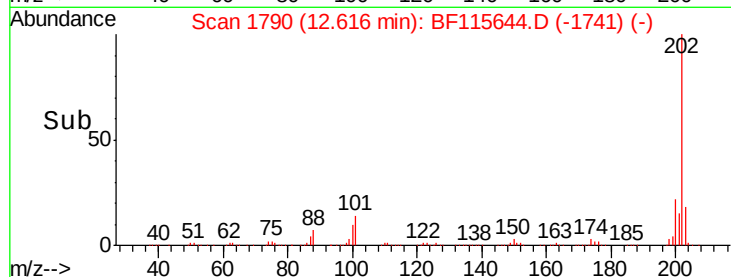
#75
Fluoranthene
Concen: 35.358 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1566124
Ion Ratio Lower Upper
202 100
101 13.7 0.0 31.4
203 18.4 0.0 38.1

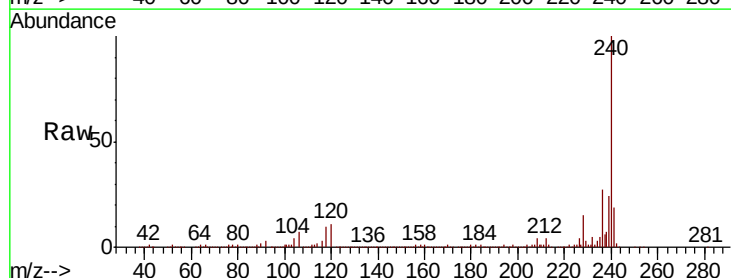


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

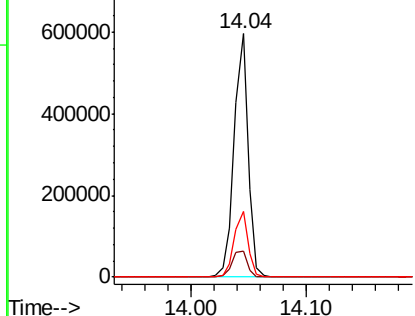
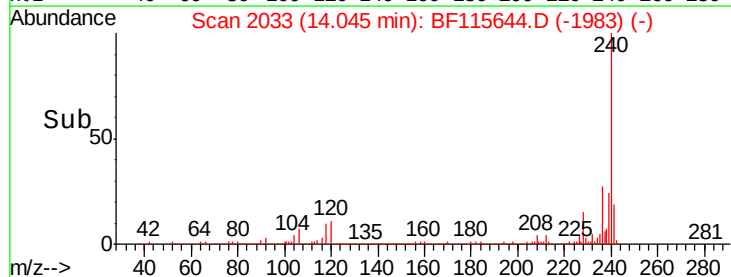


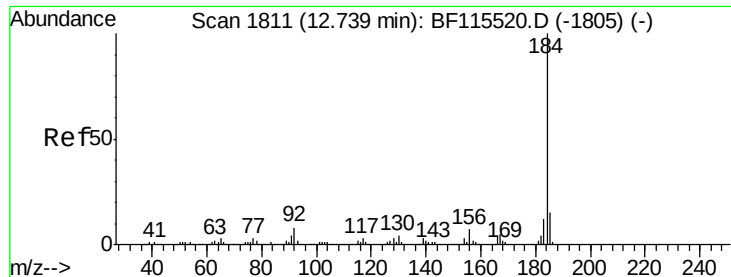
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:240 Resp: 501701
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 27.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.206 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

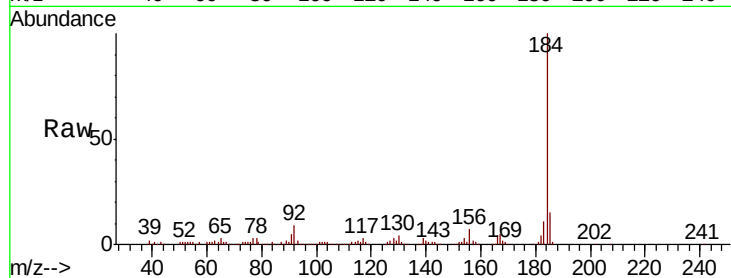
Tot Ion:184 Resp: 288019

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

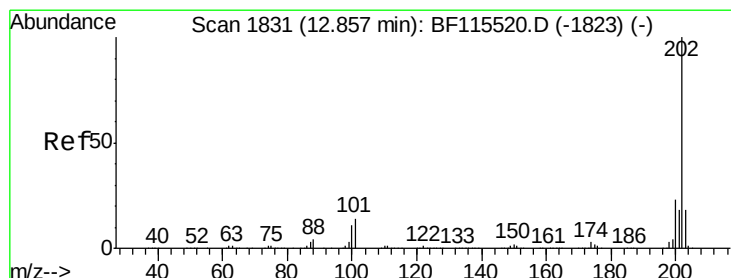
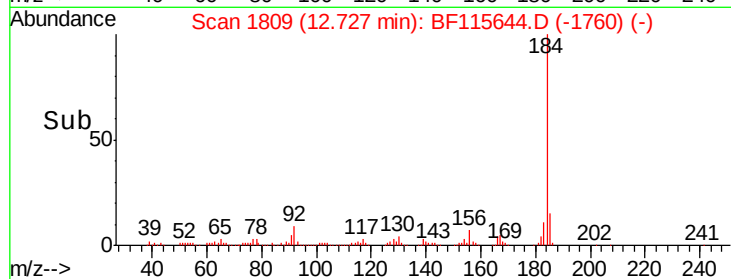
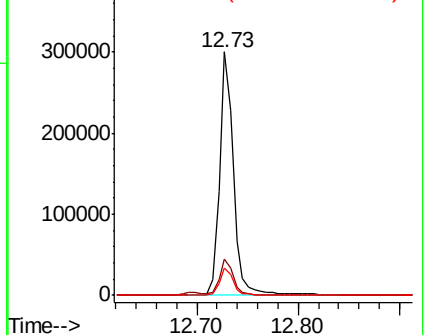
183 11.2 9.3 13.9



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: 37.603 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

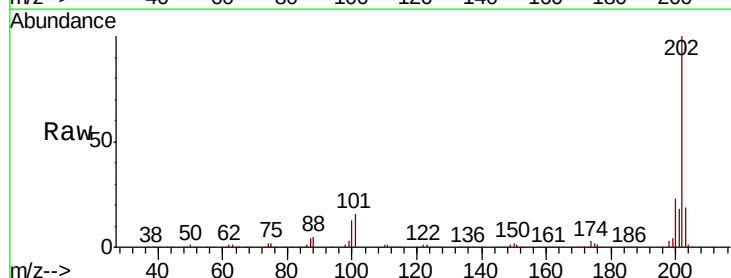
Tgt Ion:202 Resp: 1598343

Ion Ratio Lower Upper

202 100

200 22.9 18.7 28.1

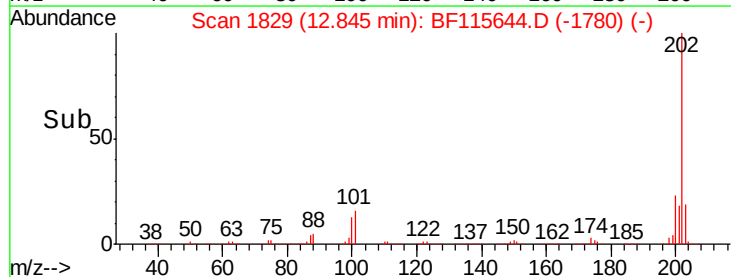
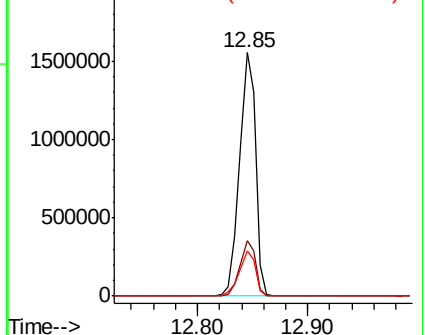
203 18.7 15.2 22.8

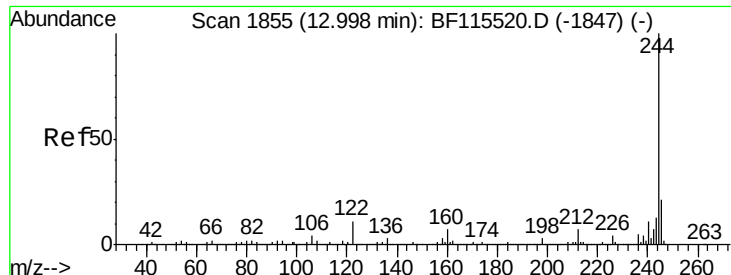


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



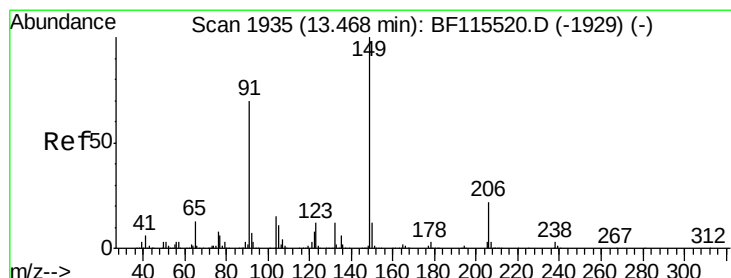
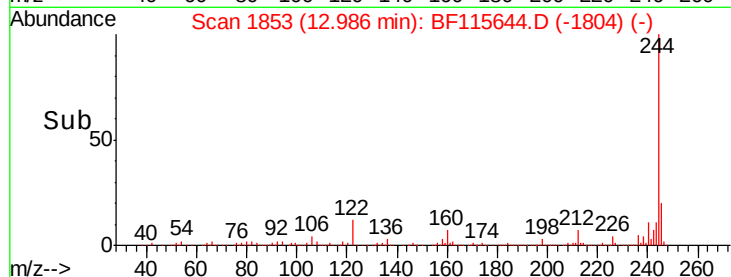
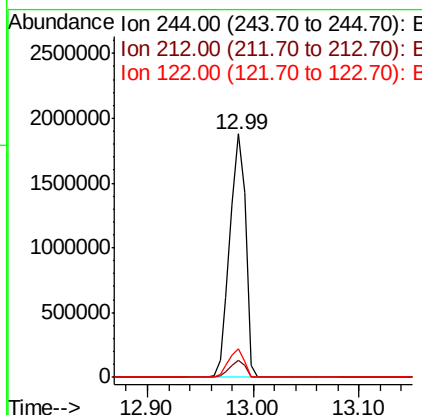
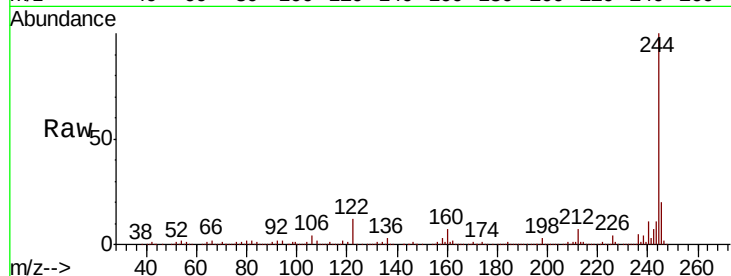


#79
 Terphenyl-d14
 Concen: 71.900 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1954957

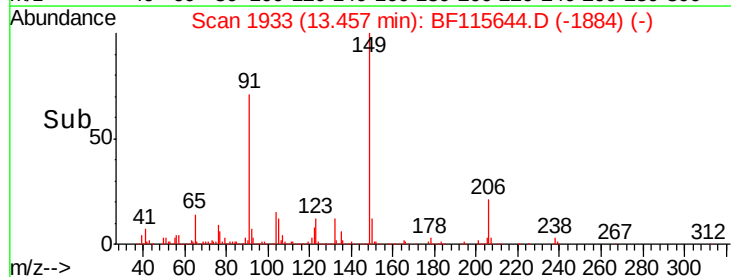
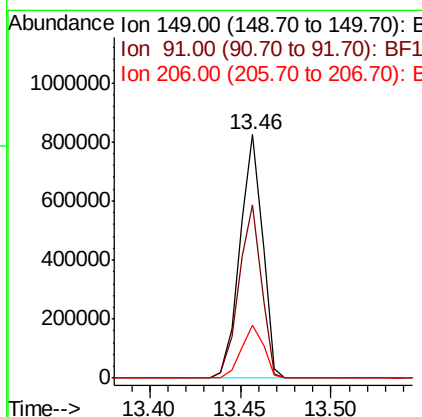
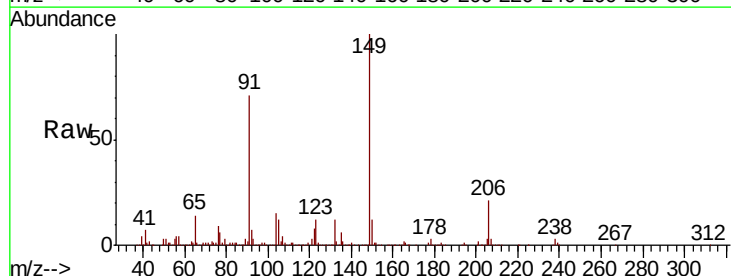
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.5	8.6	12.8

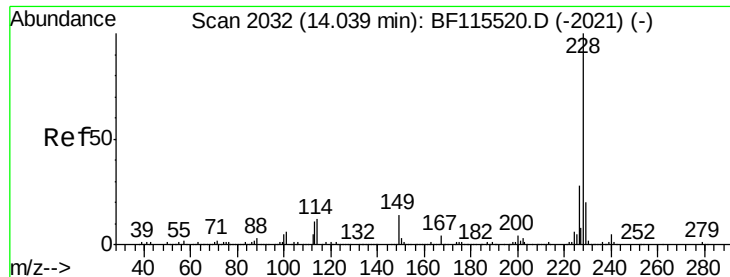


#80
 Butylbenzylphthalate
 Concen: 39.418 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:149 Resp: 714260

Ion	Ratio	Lower	Upper
149	100		
91	71.4	55.8	83.8
206	21.5	18.2	27.2





#81

Benzo(a)anthracene

Concen: 35.718 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

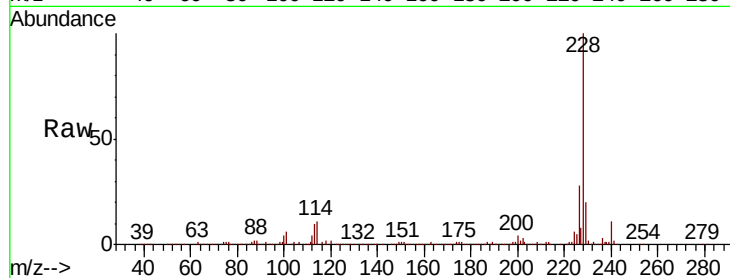
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1180572

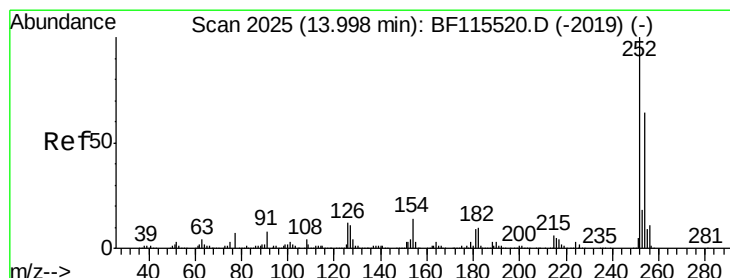
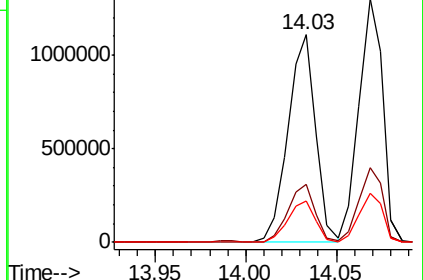
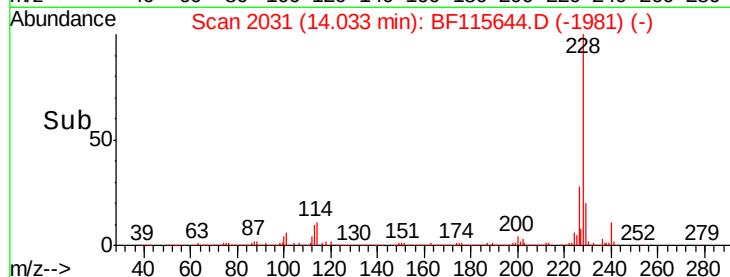
Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.0
229	20.2	17.2	25.8



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: 30.560 ng

RT: 13.99 min Scan# 2023

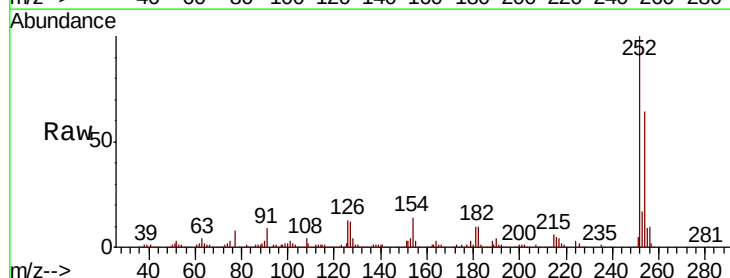
Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:252 Resp: 359078

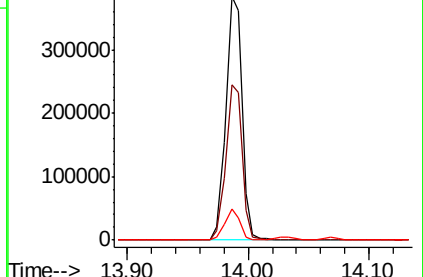
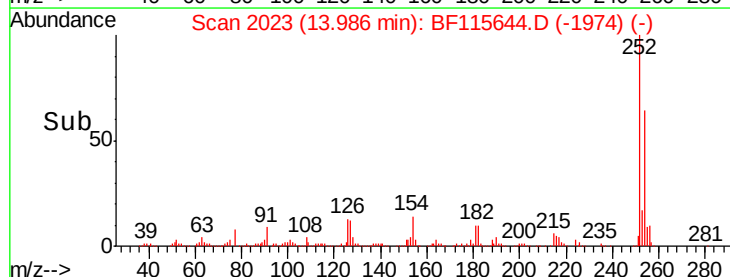
Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.9	79.3
126	13.0	9.9	14.9

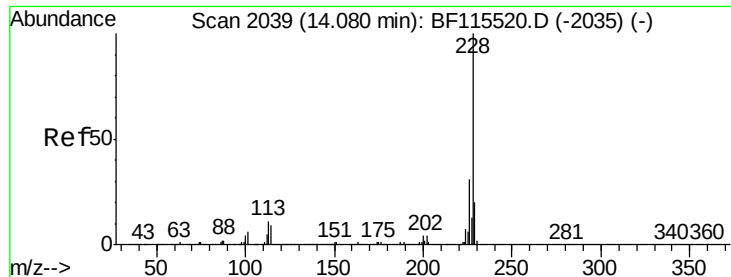


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.933 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

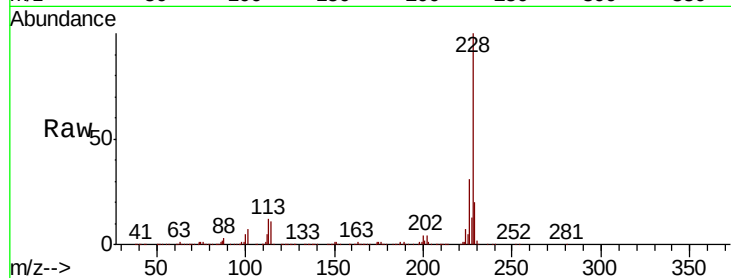
Tot Ion:228 Resp: 1192236

Ion Ratio Lower Upper

228 100

226 30.5 25.7 38.5

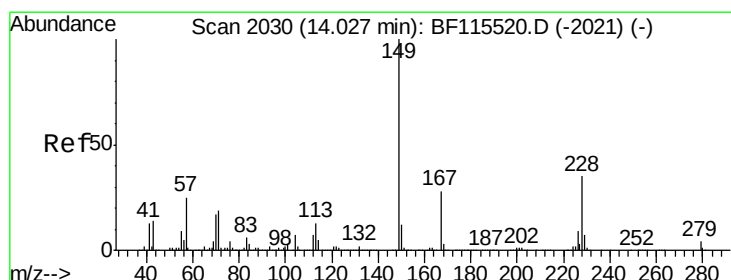
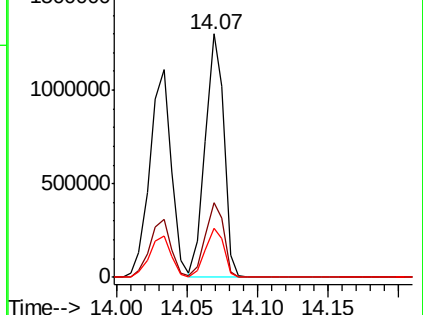
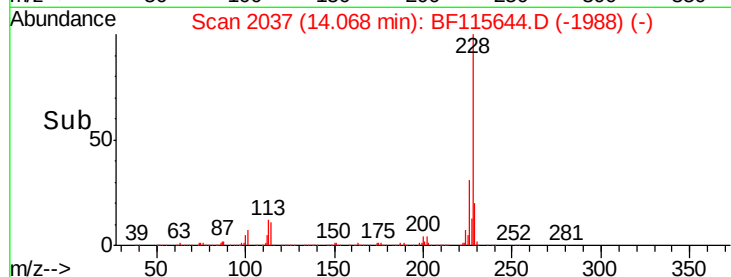
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.400 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

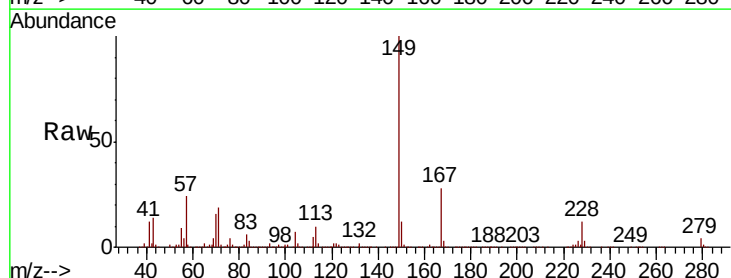
Tgt Ion:149 Resp: 906785

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

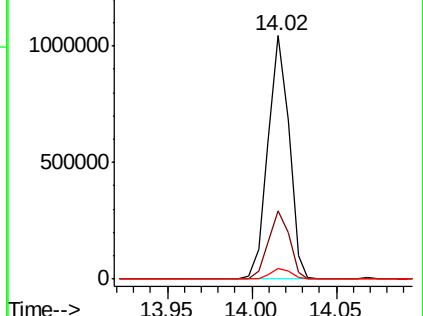
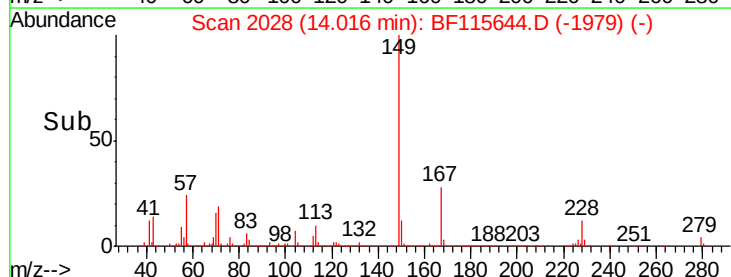
279 4.2 4.2 6.2

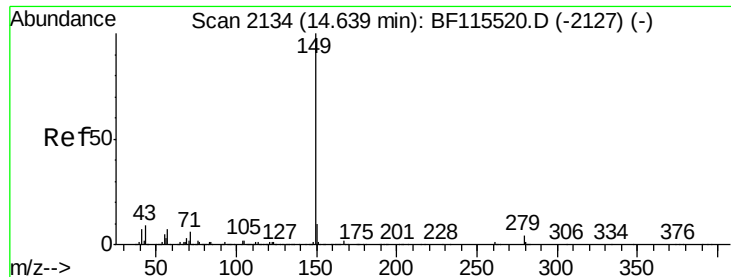


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.519 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

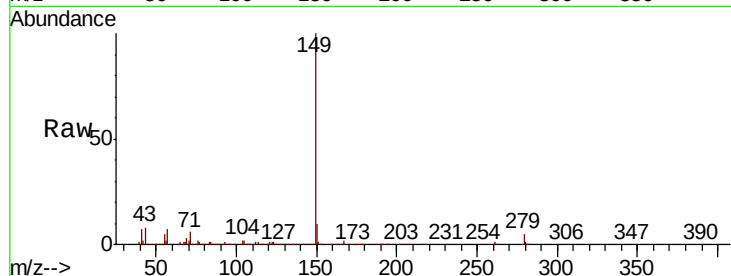
Tot Ion:149 Resp: 1554147

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

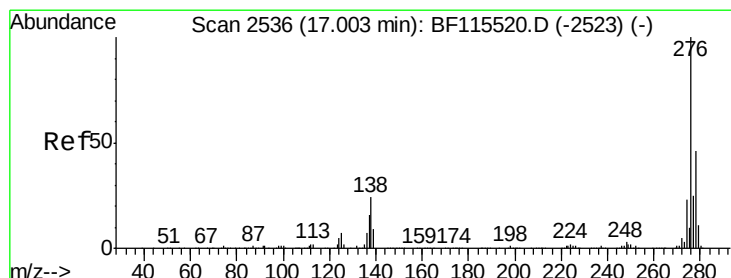
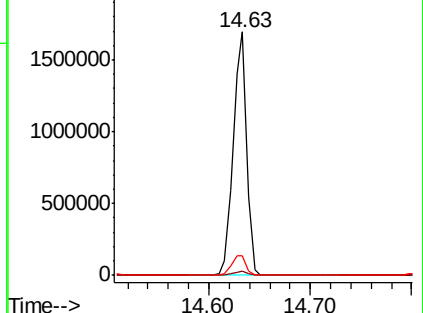
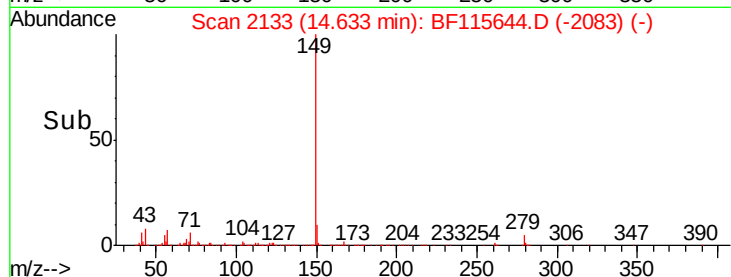
43 8.6 7.2 10.8



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: 37.155 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

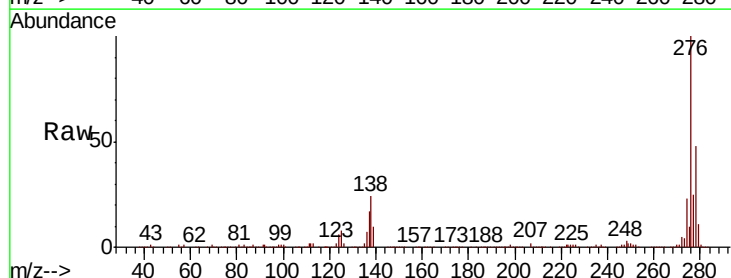
Tgt Ion:276 Resp: 1047357

Ion Ratio Lower Upper

276 100

138 26.3 20.2 30.2

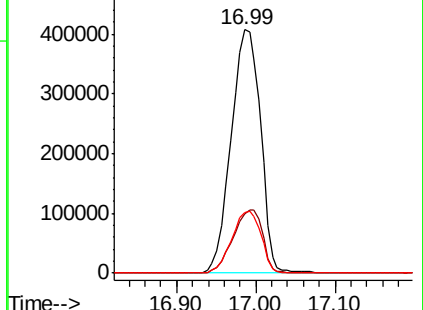
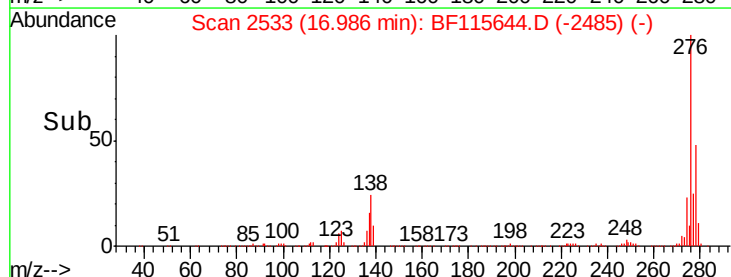
277 25.4 20.4 30.6

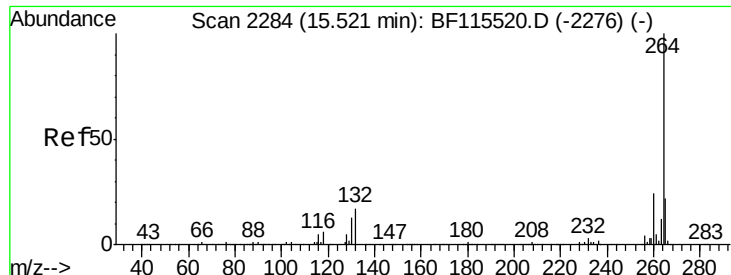


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



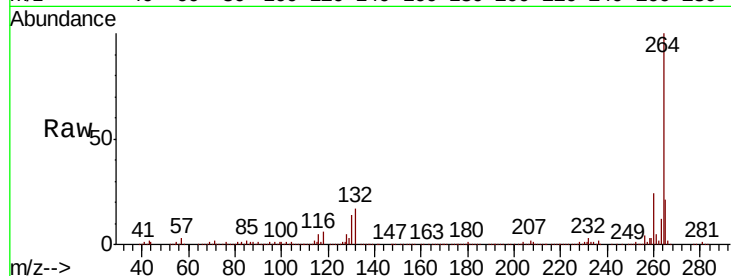


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

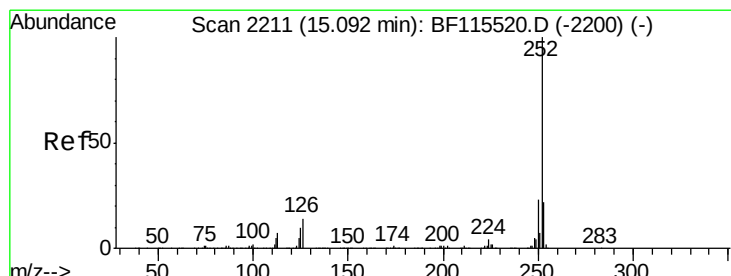
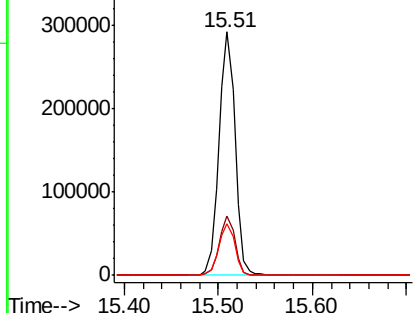
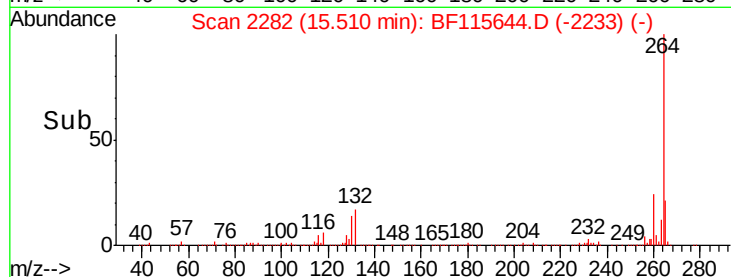
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 352754

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.2	17.7	26.5



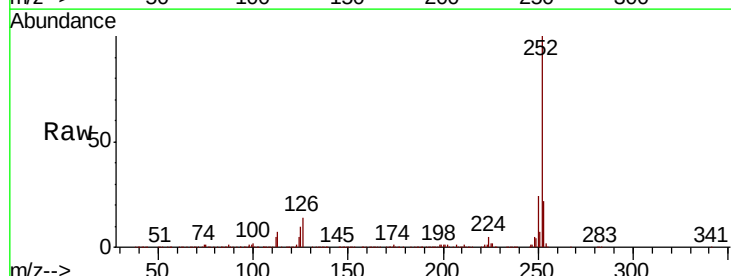
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



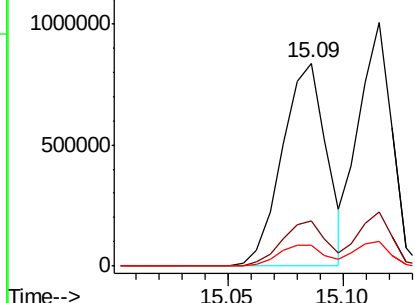
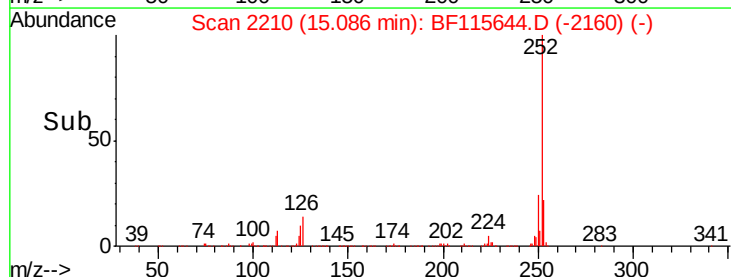
#88
Benzo(b)fluoranthene
Concen: 49.127 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

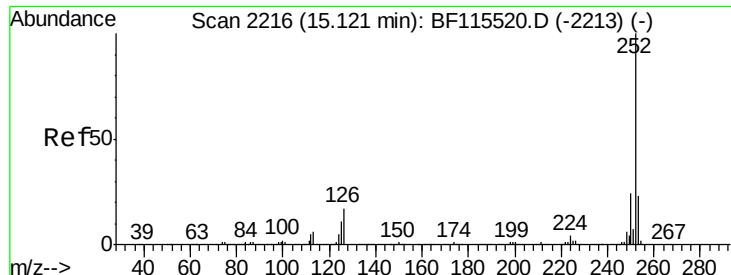
Tgt Ion:252 Resp: 1115896

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.5	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

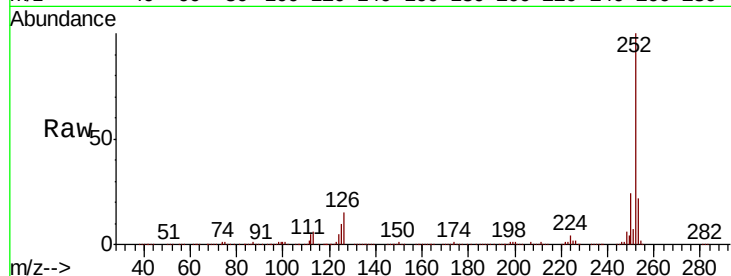




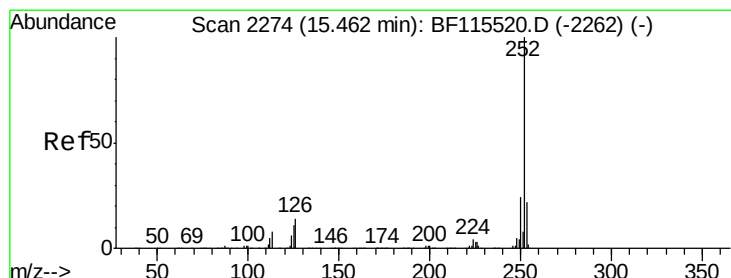
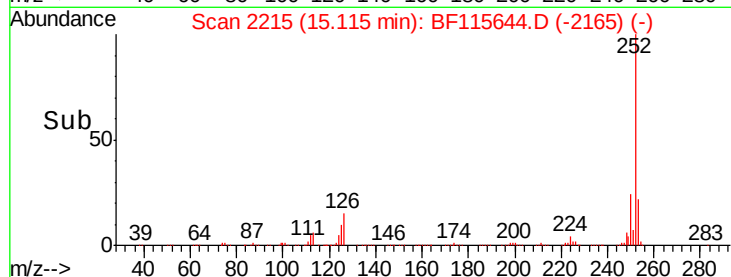
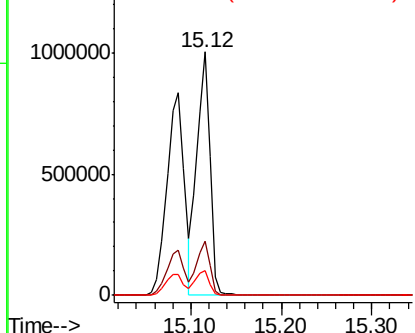
#89
Benzo(k)fluoranthene
Concen: 49.891 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1010360
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 10.3 9.0 13.6

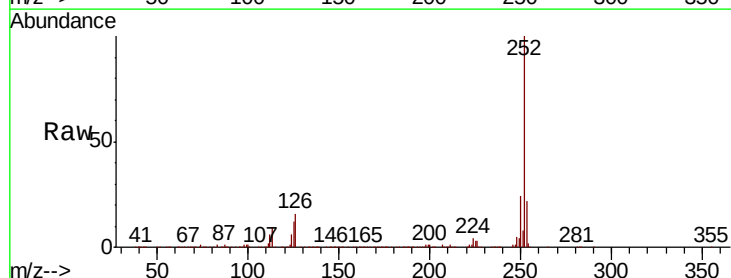


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

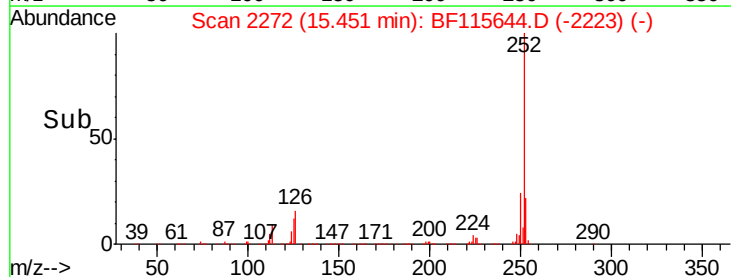
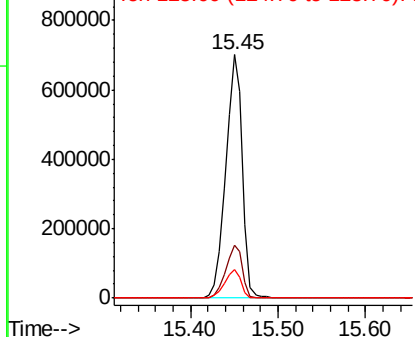


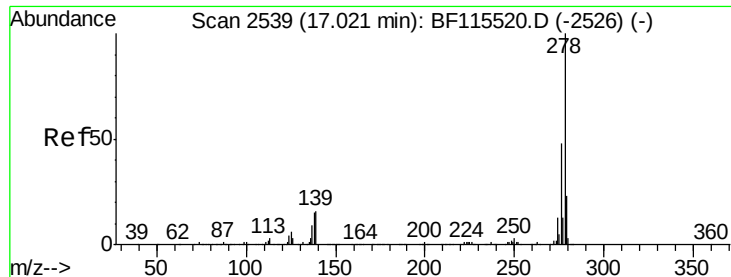
#90
Benzo(a)pyrene
Concen: 46.952 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:252 Resp: 916638
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 12.0 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: 51.074 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

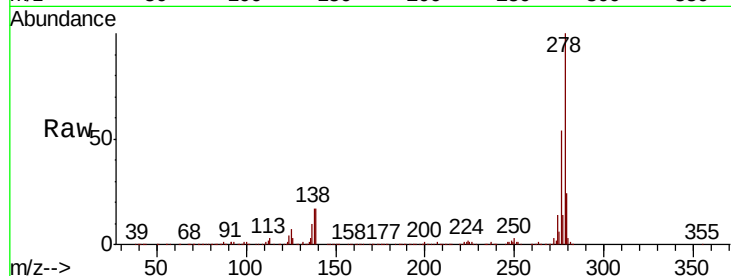
Tot Ion:278 Resp: 875372

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

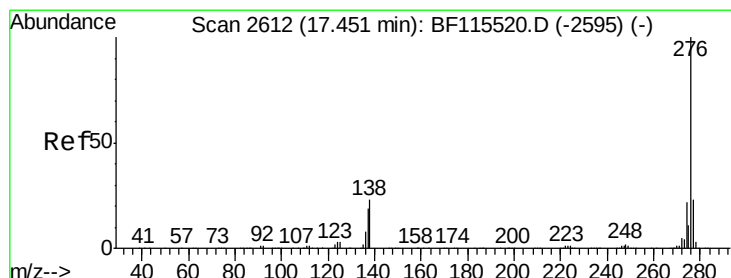
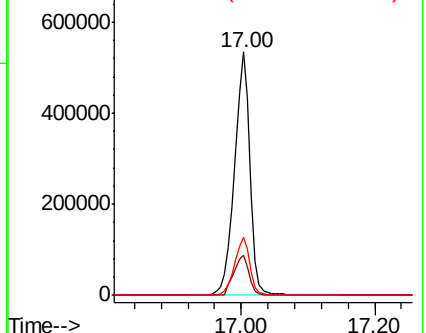
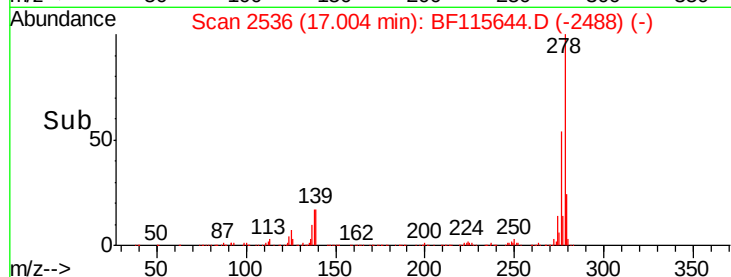
279 23.6 19.6 29.4



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: 49.955 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

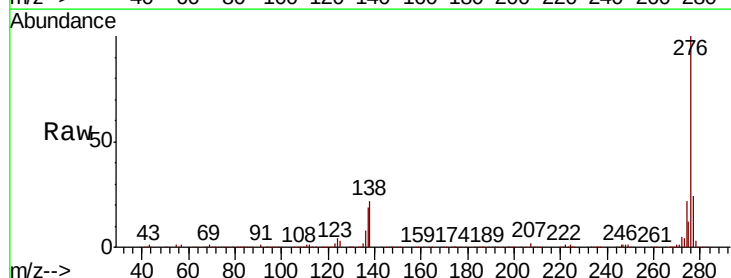
Tgt Ion:276 Resp: 853893

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 21.9 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

