

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113797.D
 Acq On : 16 Apr 2019 16:55
 Operator : JU/SJ
 Sample : K2230-10/MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 18:13:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	8692	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	11602	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	5000	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	8558	20.00	ng	0.00
76) Chrysene-d12	13.83	240	7316	20.00	ng	0.00
87) Perylene-d12	15.24	264	8941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	780550	1531.31	ng	0.02
7) Phenol-d6	6.34	99	907526	1444.55	ng	0.00
23) Nitrobenzene-d5	7.25	82	632705	3194.35	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	269058	4479.66	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1144210	3684.11	ng	0.00
79) Terphenyl-d14	12.77	244	1018372	2834.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	118655	491.490	ng	# 85
3) Pyridine	3.15	79	245240	388.165	ng	95
4) n-Nitrosodimethylamine	3.05	42	137741	513.121	ng	98
6) Aniline	6.35	93	58662	77.034	ng	# 1
8) 2-Chlorophenol	6.47	128	326065	552.891	ng	98
9) Benzaldehyde	6.23	77	114583	306.740	ng	97
10) Phenol	6.35	94	346861	483.419	ng	91
11) bis(2-Chloroethyl)ether	6.42	93	318540	570.712	ng	97
12) 1,3-Dichlorobenzene	6.62	146	337103	530.784	ng	99
13) 1,4-Dichlorobenzene	6.69	146	348165	542.484	ng	99
14) 1,2-Dichlorobenzene	6.85	146	325539	561.942	ng	99
15) Benzyl Alcohol	6.86	79	69237	162.992	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	492730	567.157	ng	87
17) 2-Methylphenol	6.96	107	274208	599.974	ng	94
18) Hexachloroethane	7.18	117	120884	517.471	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	228214	589.091	ng	100
20) 3+4-Methylphenols	7.13	107	316829	572.133	ng	97
22) Acetophenone	7.09	105	443645	1741.026	ng	# 98
24) Nitrobenzene	7.26	77	330548	1620.496	ng	99
25) Isophorone	7.50	82	607869	1593.134	ng	99
26) 2-Nitrophenol	7.58	139	178549	1626.399	ng	95
27) 2,4-Dimethylphenol	7.63	122	289808	1846.544	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	390399	1618.378	ng	99
29) 2,4-Dichlorophenol	7.85	162	280842	1672.451	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	295424	1620.036	ng	98
31) Naphthalene	7.97	128	946944	1684.524	ng	100
32) Benzoic acid	7.79	122	64083	527.298	ng	97
33) 4-Chloroaniline	8.07	127	44666	200.386	ng	99
34) Hexachlorobutadiene	8.09	225	177103	1592.979	ng	99
35) Caprolactam	8.42	113	37819	709.487	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	265950	1577.702	ng	97
37) 2-Methylnaphthalene	8.67	142	620471	1678.212	ng	98
38) 1-Methylnaphthalene	8.77	142	575912	1615.435	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	296004	1830.523	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	75129	1119.972	ng	96
43) 2,4,6-Trichlorophenol	8.96	196	173860	1703.308	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	183611	1675.541	ng	97
46) 1,1'-Biphenyl	9.13	154	753156	1825.418	ng	99
47) 2-Chloronaphthalene	9.16	162	556458	1781.291	ng	100
48) 2-Nitroaniline	9.27	65	163453	1709.967	ng	92
49) Acenaphthylene	9.57	152	859247	1691.492	ng	99
50) Dimethylphthalate	9.43	163	633681	1719.309	ng	100
51) 2,6-Dinitrotoluene	9.50	165	137119	1687.772	ng #	81
52) Acenaphthene	9.74	154	507022	1743.646	ng	100
53) 3-Nitroaniline	9.69	138	18899	204.605	ng	98
54) 2,4-Dinitrophenol	9.82	184	51373	1351.602	ng	99
55) Dibenzofuran	9.91	168	756241	1772.932	ng	100
56) 4-Nitrophenol	9.91	139	394749	6889.366	ng #	20
57) 2,4-Dinitrotoluene	9.92	165	169632	1726.417	ng	96
58) Fluorene	10.26	166	574024	1701.483	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	160054	1687.365	ng	93
60) Diethylphthalate	10.13	149	614474	1729.205	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	297588	1793.353	ng	94
62) 4-Nitroaniline	10.30	138	118143	1257.805	ng	96
63) Azobenzene	10.40	77	549275	1632.504	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	41038	910.861	ng	93
66) n-Nitrosodiphenylamine	10.37	169	513726	1955.371	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	177036	1844.480	ng	93
68) Hexachlorobenzene	10.81	284	191835	1744.308	ng	97
69) Atrazine	10.90	200	147932	1786.412	ng	99
70) Pentachlorophenol	11.02	266	105029	2026.700	ng	98
71) Phenanthrene	11.22	178	753674	1772.296	ng	98
72) Anthracene	11.27	178	795817	1839.349	ng	99
73) Carbazole	11.43	167	714561	1765.817	ng	99
74) Di-n-butylphthalate	11.75	149	855210	1776.580	ng	98
75) Fluoranthene	12.40	202	783671	1719.745	ng	97
77) Benzidine	12.53	184	135515	498.110	ng	97
78) Pyrene	12.63	202	798347	1434.157	ng	99
80) Butylbenzylphthalate	13.24	149	347156	1532.044	ng	95
81) Benzo(a)anthracene	13.82	228	752838	1783.864	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	91507	562.945	ng	100
83) Chrysene	13.86	228	786944	1839.446	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	480673	1754.490	ng	99
85) Di-n-octyl phthalate	14.41	149	894268	2008.100	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	927729	2348.708	ng	99
88) Benzo(b)fluoranthene	14.84	252	908963	1660.813	ng	99
89) Benzo(k)fluoranthene	14.87	252	810496	1650.070	ng	99
90) Benzo(a)pyrene	15.19	252	876544	1802.362	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	801835	1763.079	ng	99
92) Benzo(g,h,i)perylene	17.02	276	757985	1632.879	ng	99

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

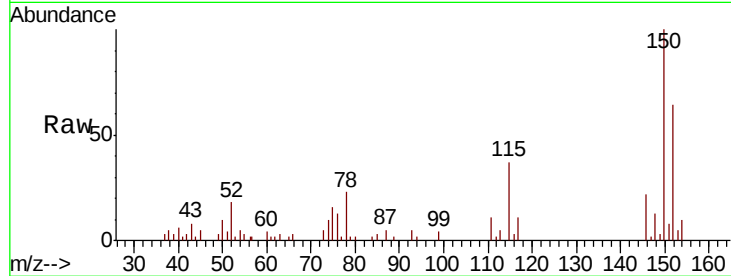


#1

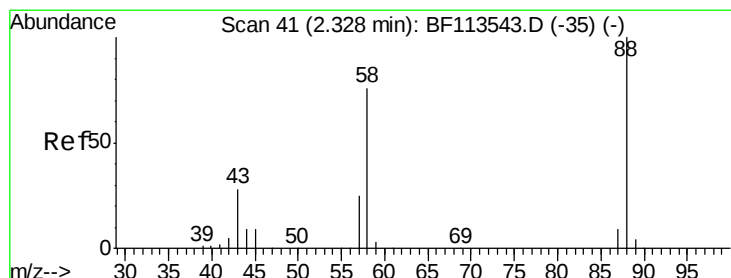
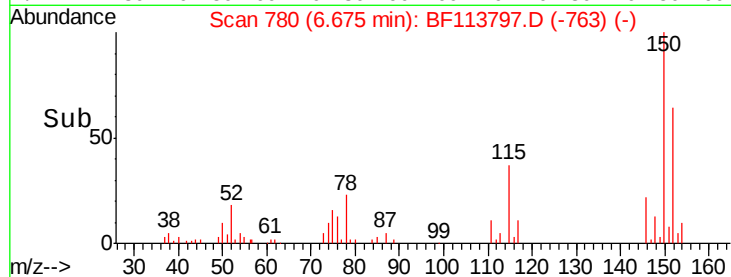
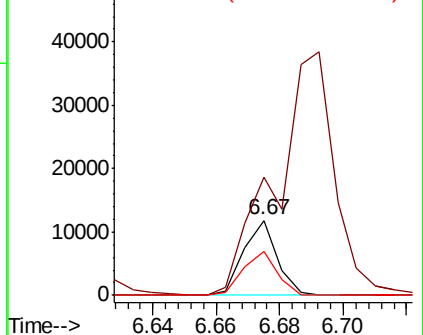
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 8692
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.1 187.7
 115 58.1 43.9 65.9



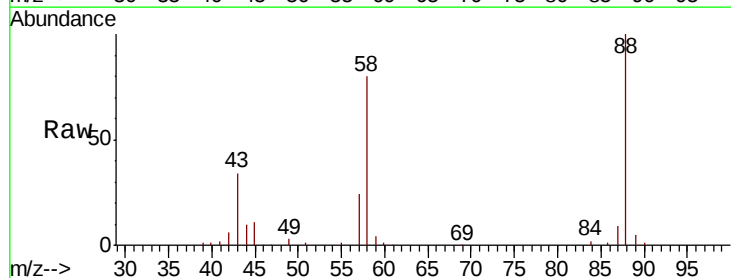
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



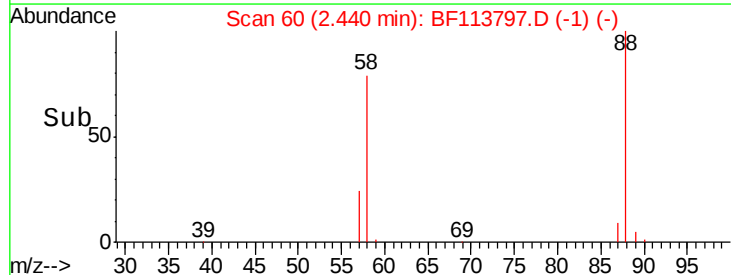
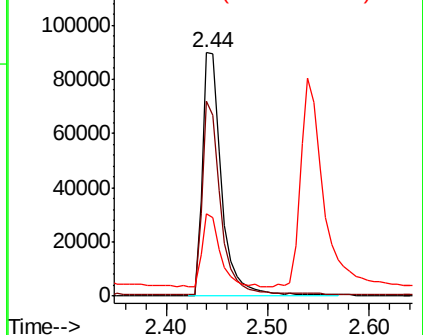
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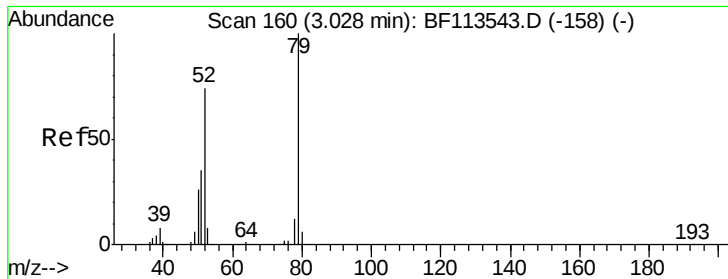
1,4-Dioxane
 Concen: 491.490 ng
 RT: 2.44 min Scan# 60
 Delta R.T. 0.11 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion: 88 Resp: 118655
 Ion Ratio Lower Upper
 88 100
 58 75.7 61.0 91.4
 43 0.0 23.1 34.7#



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: 388.165 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.13 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

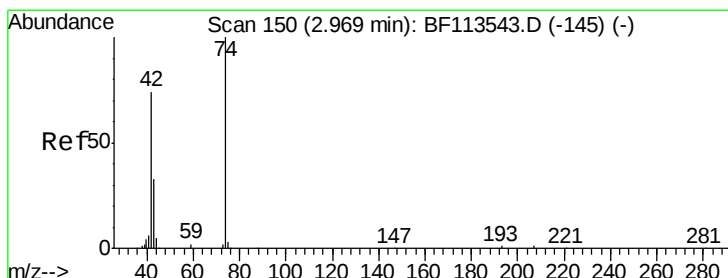
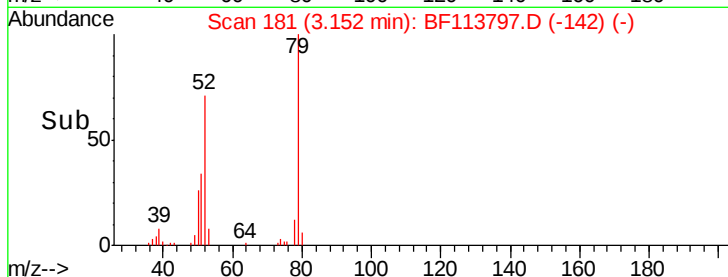
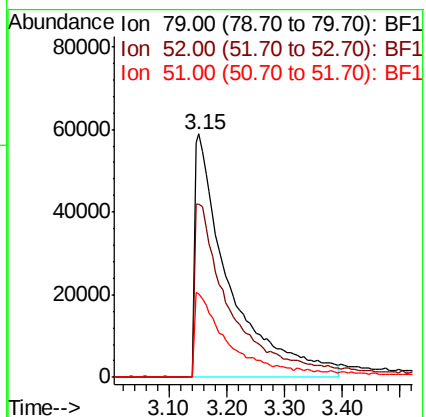
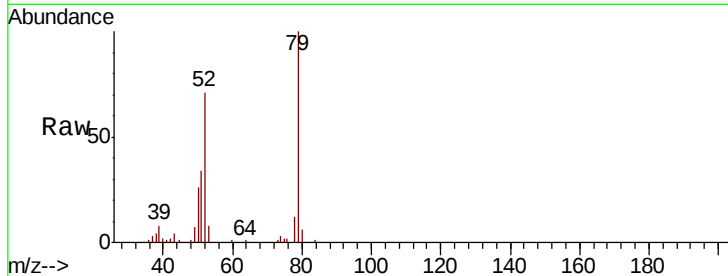
Tot Ion: 79 Resp: 245240

Ion Ratio Lower Upper

79 100

52 71.4 60.8 91.2

51 34.3 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 513.121 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.06 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

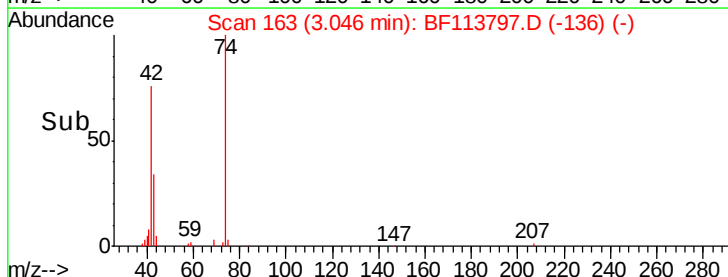
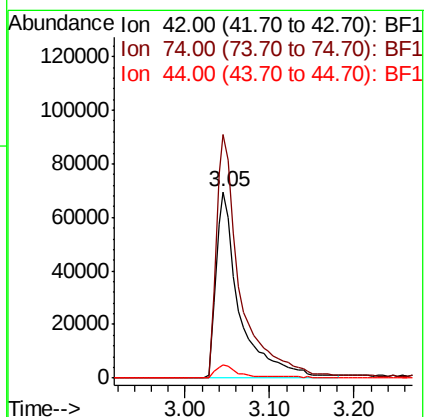
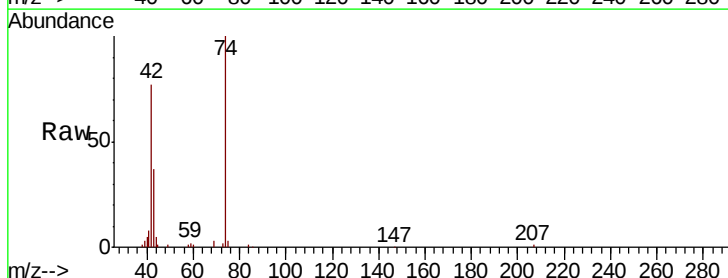
Tgt Ion: 42 Resp: 137741

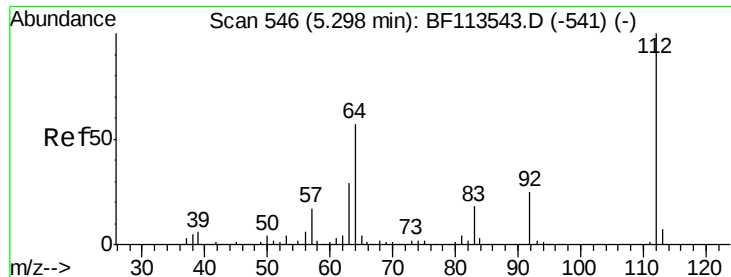
Ion Ratio Lower Upper

42 100

74 130.6 106.6 159.8

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 1531.313 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampled :

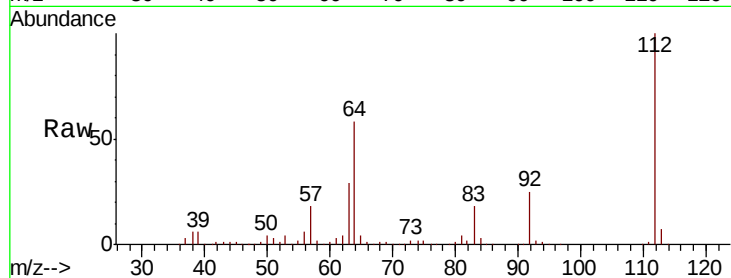
Tot Ion:112 Resp: 780550

Ion Ratio Lower Upper

112 100

64 58.4 49.0 73.4

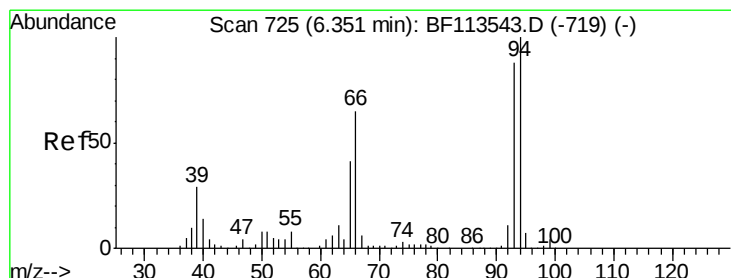
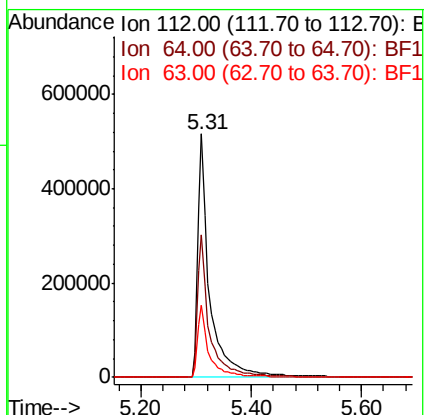
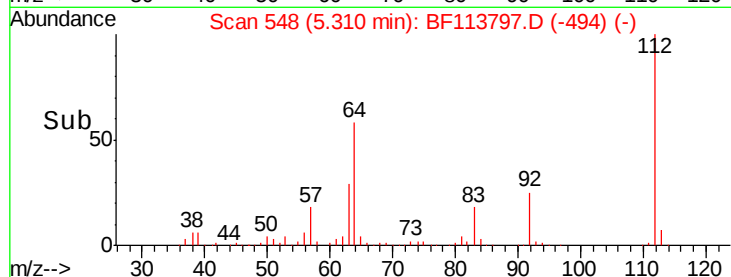
63 29.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 77.034 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

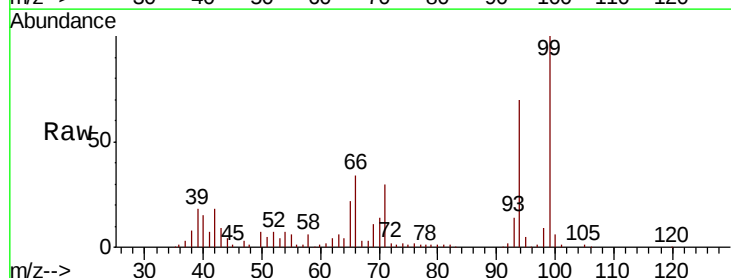
Tgt Ion: 93 Resp: 58662

Ion Ratio Lower Upper

93 100

66 235.5 38.7 58.1#

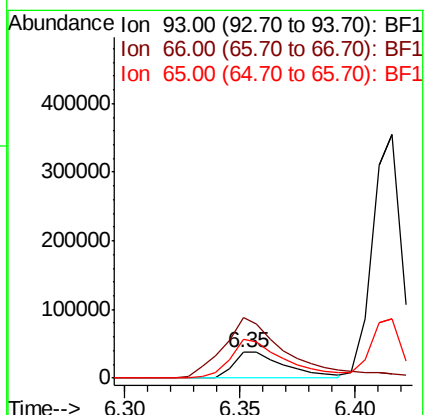
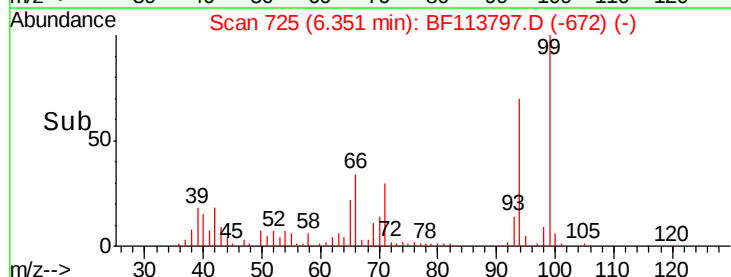
65 152.8 17.8 26.8#

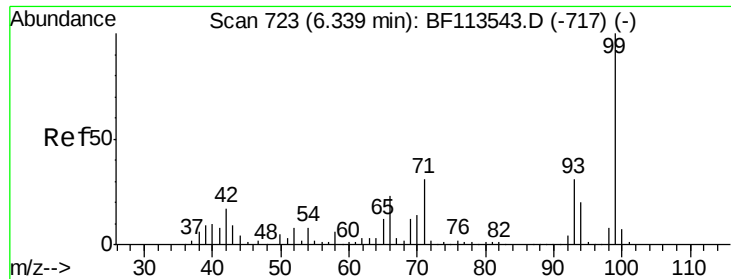


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 1444.552 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampled :

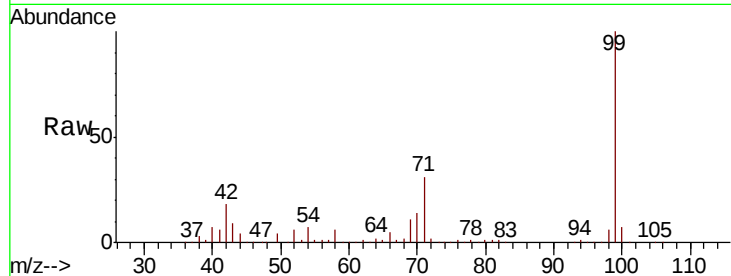
Tot Ion: 99 Resp: 907526

Ion Ratio Lower Upper

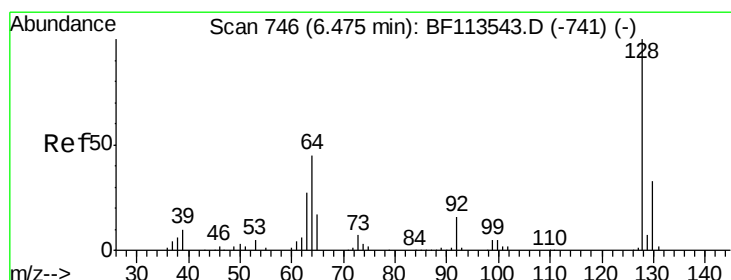
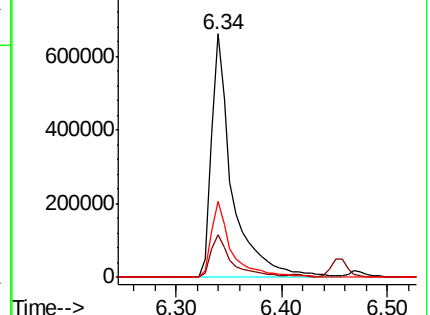
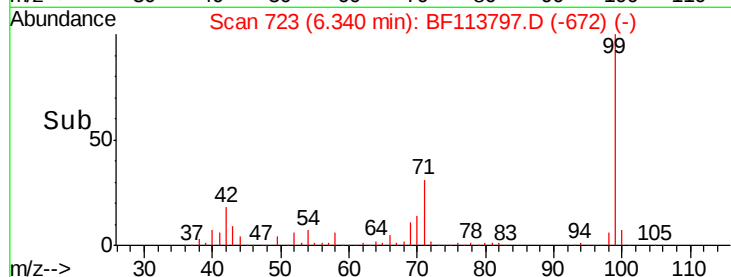
99 100

42 17.7 15.2 22.8

71 31.2 25.4 38.2



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: 552.891 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

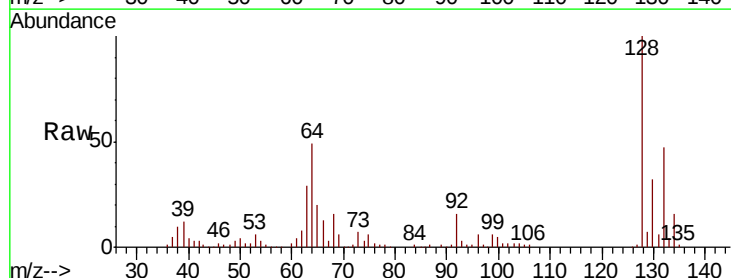
Tgt Ion: 128 Resp: 326065

Ion Ratio Lower Upper

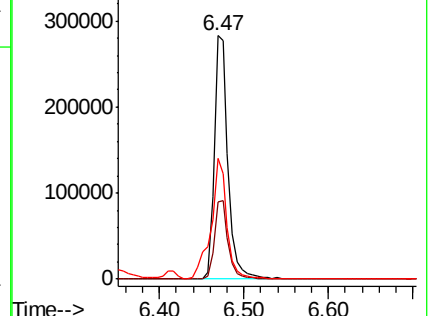
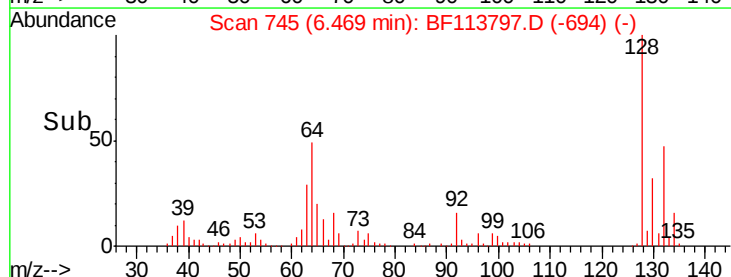
128 100

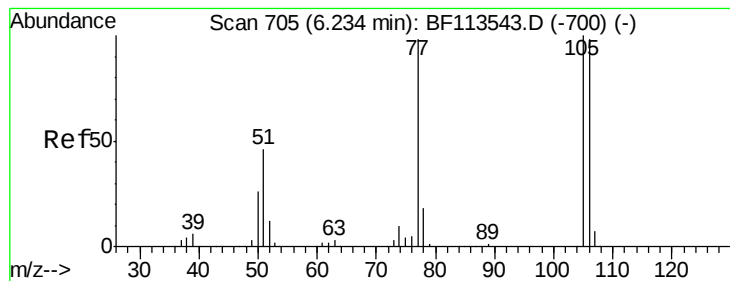
130 31.9 12.7 52.7

64 49.4 27.9 67.9



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





#9

Benzaldehyde

Concen: 306.740 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

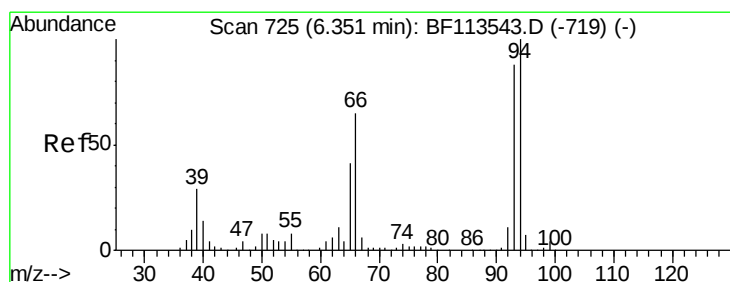
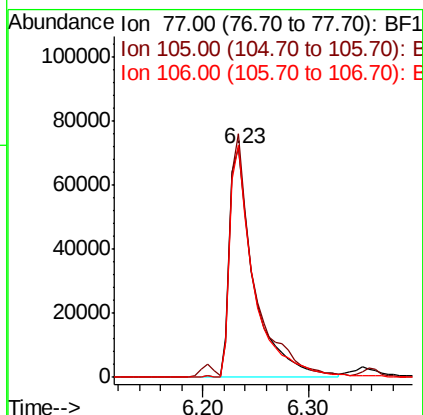
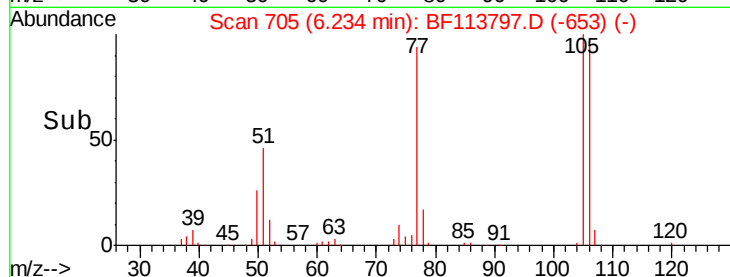
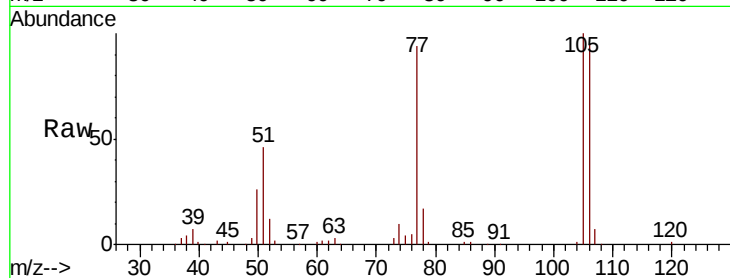
Tot Ion: 77 Resp: 114583

Ion Ratio Lower Upper

77 100

105 106.1 81.1 121.1

106 101.1 80.6 120.6



#10

Phenol

Concen: 483.419 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

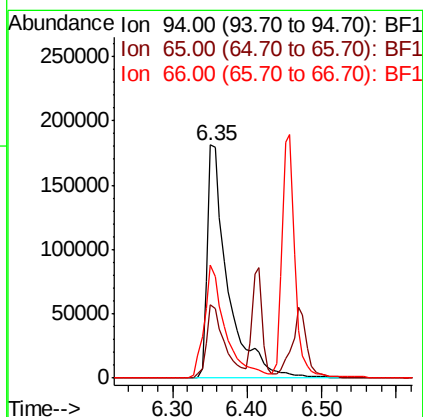
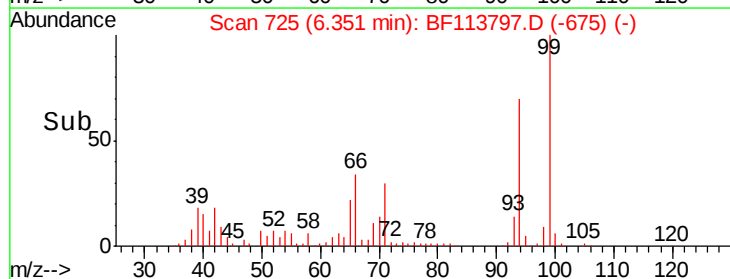
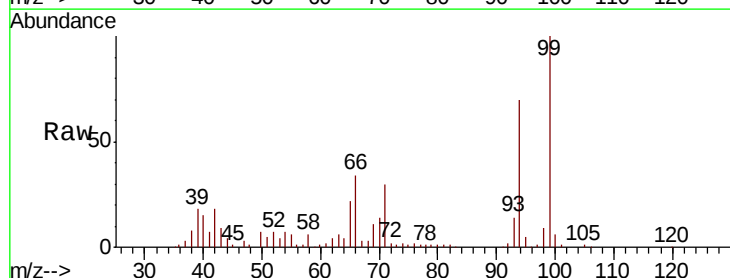
Tgt Ion: 94 Resp: 346861

Ion Ratio Lower Upper

94 100

65 31.4 9.0 49.0

66 48.5 21.0 61.0

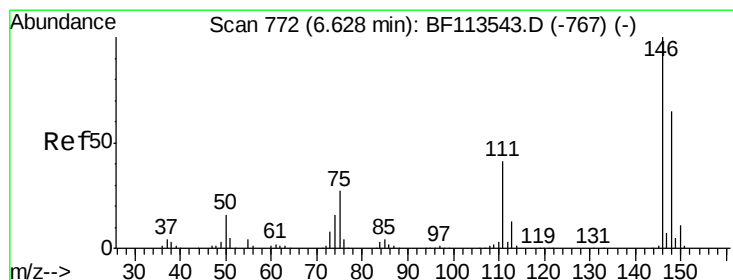
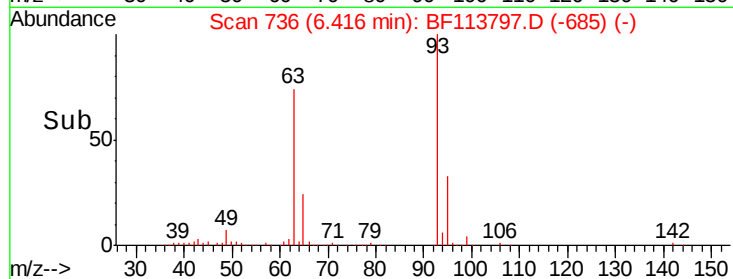
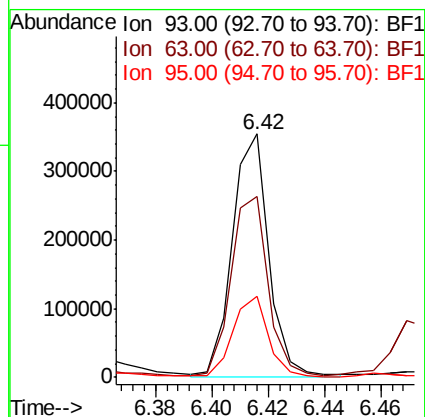
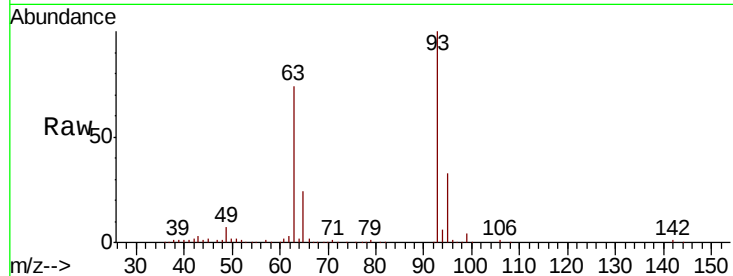




#11
bis(2-Chloroethyl)ether
Concen: 570.712 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

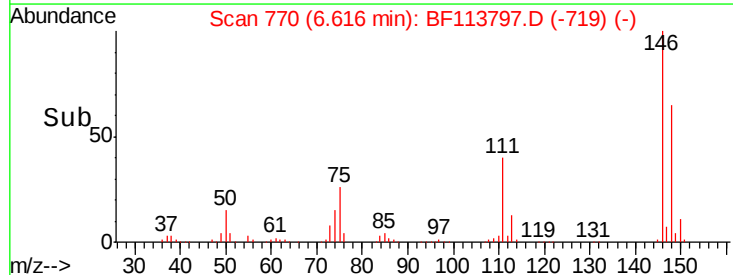
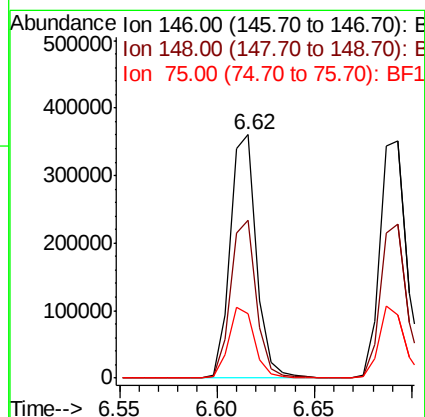
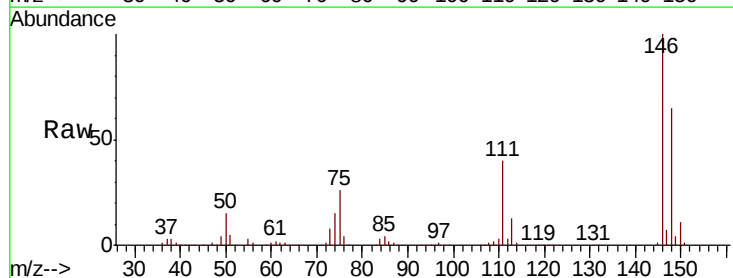
Instrument :
BNA_F
ClientSampleId :

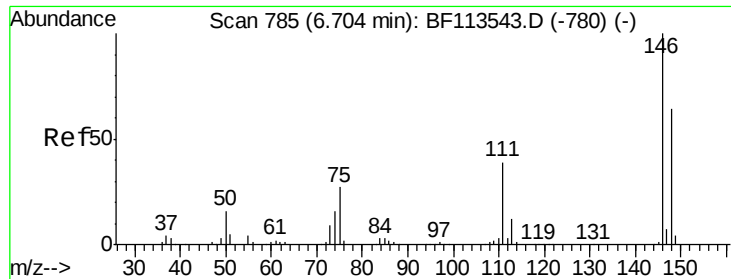
Tot Ion: 93 Resp: 318540
Ion Ratio Lower Upper
93 100
63 74.1 56.7 96.7
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 530.784 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion: 146 Resp: 337103
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 26.3 21.7 32.5

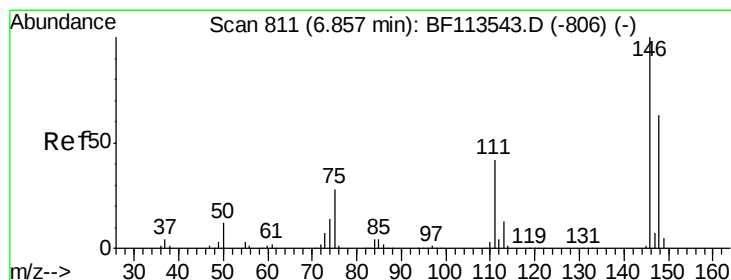
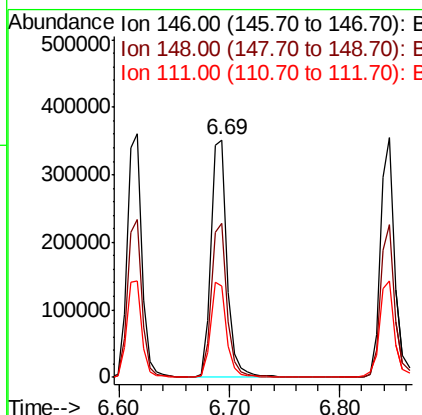
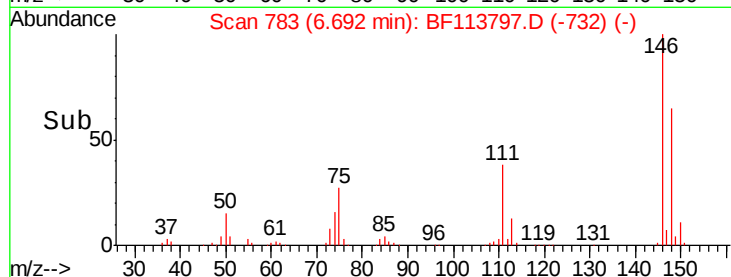
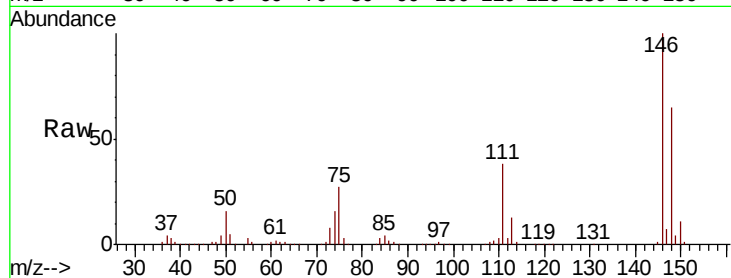




#13
 1,4-Dichlorobenzene
 Concen: 542.484 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

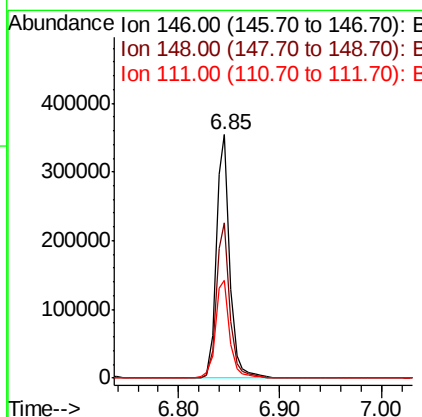
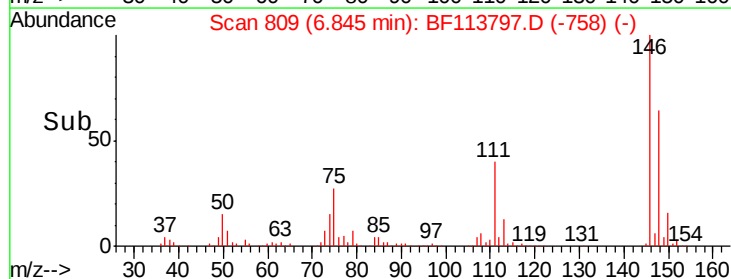
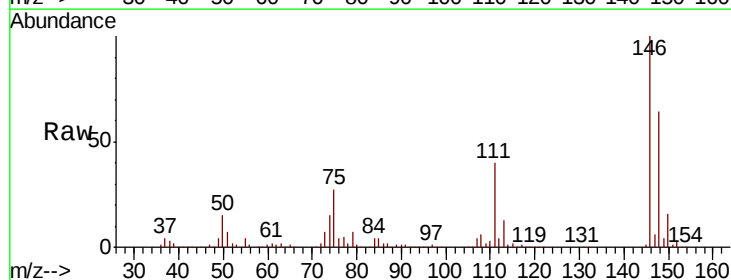
Instrument :
 BNA_F
 ClientSampled :

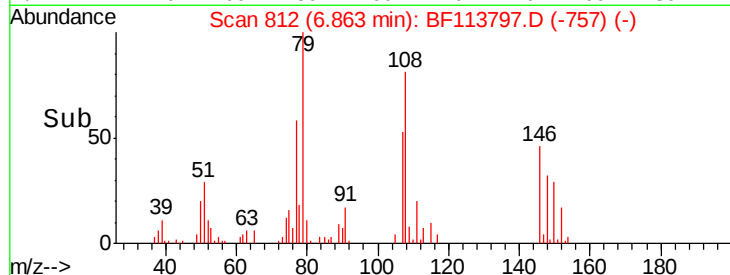
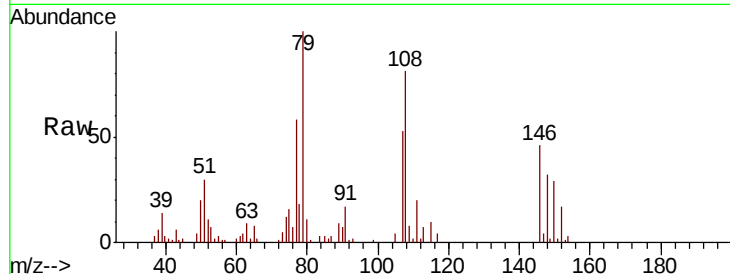
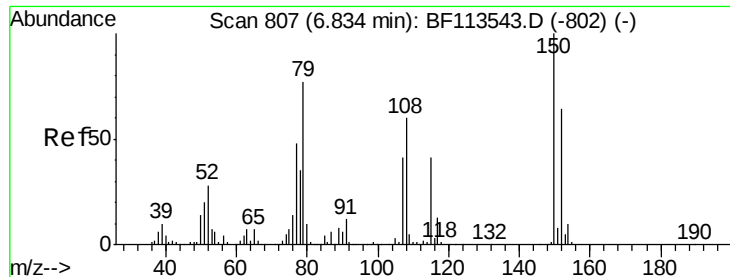
Tot Ion:146 Resp: 348165
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 111 38.1 31.0 46.6



#14
 1,2-Dichlorobenzene
 Concen: 561.942 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion:146 Resp: 325539
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 40.3 33.6 50.4

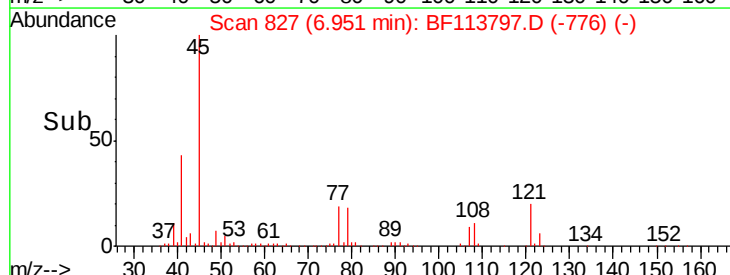
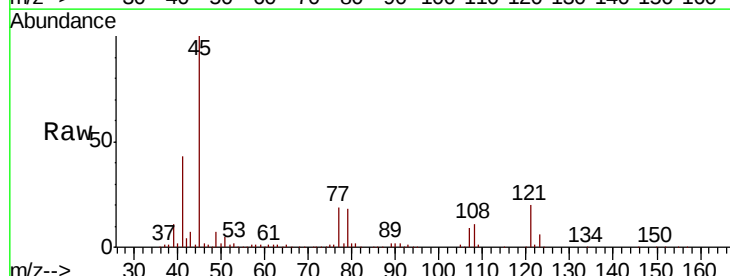
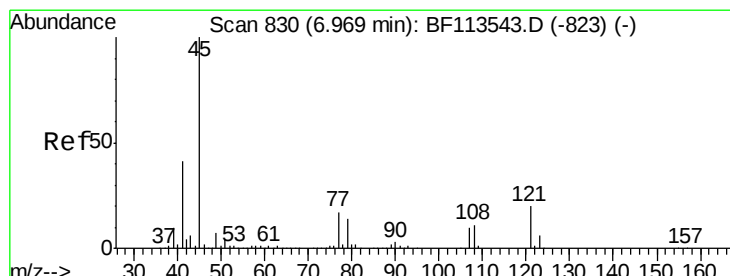
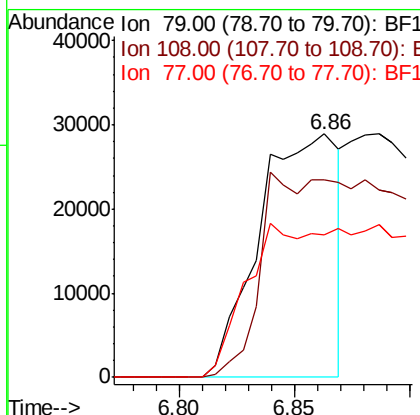




#15
Benzyl Alcohol
Concen: 162.992 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.02 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

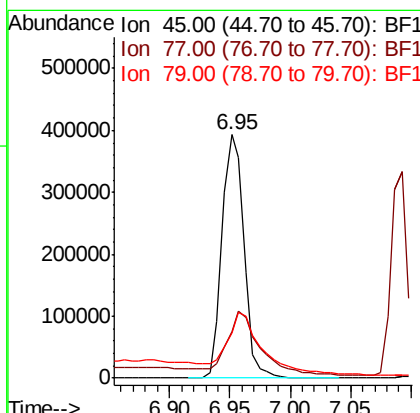
Instrument :
BNA_F
ClientSampleId :

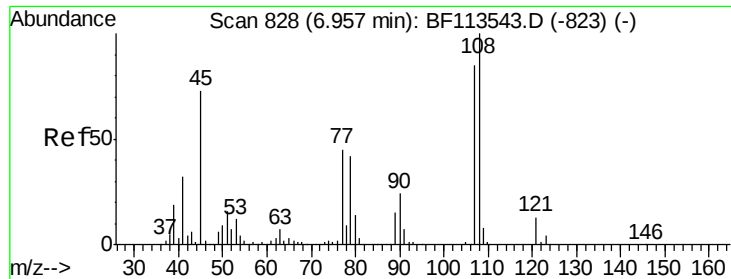
Tot Ion: 79 Resp: 69237
Ion Ratio Lower Upper
79 100
108 81.0 66.9 100.3
77 58.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 567.157 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion: 45 Resp: 492730
Ion Ratio Lower Upper
45 100
77 19.1 6.8 46.8
79 18.4 3.9 43.9





#17

2-Methylphenol

Concen: 599.974 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 274208

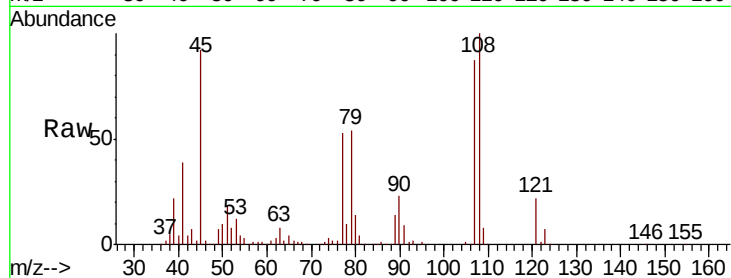
Ion Ratio Lower Upper

107 100

108 115.5 93.4 140.2

77 61.1 58.1 87.1

79 62.8 54.9 82.3



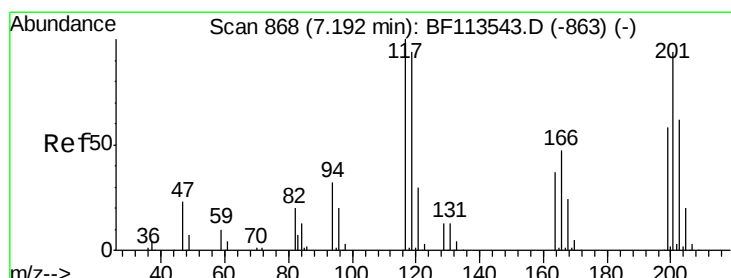
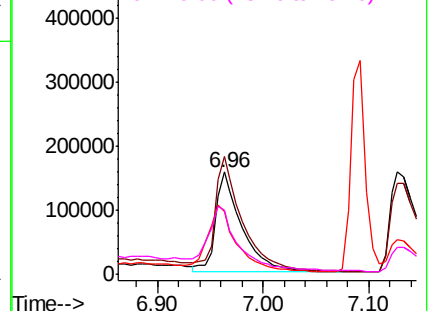
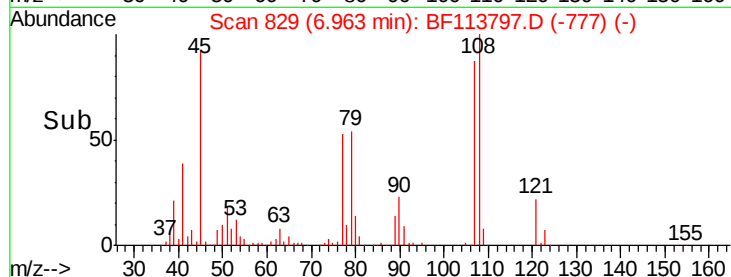
Abundance

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: 517.471 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

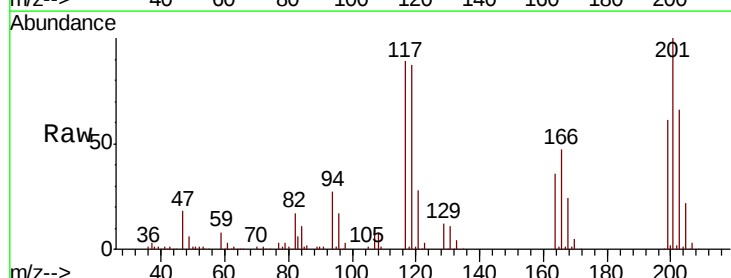
Tgt Ion:117 Resp: 120884

Ion Ratio Lower Upper

117 100

119 96.9 79.1 118.7

201 111.8 87.0 130.6

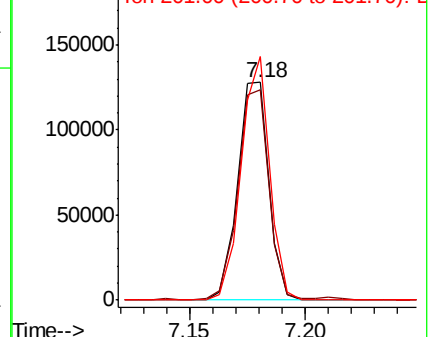
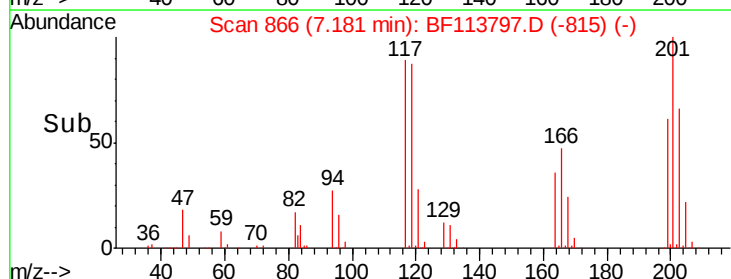


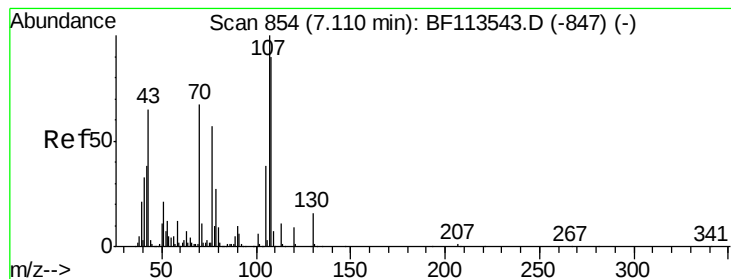
Abundance

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: 589.091 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

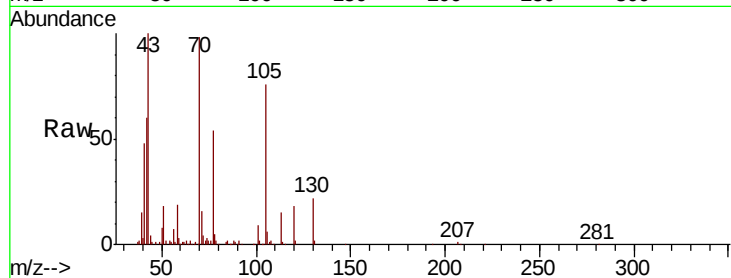
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 228214

Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.0	73.6
101	9.4	7.8	11.6
130	22.5	17.8	26.6



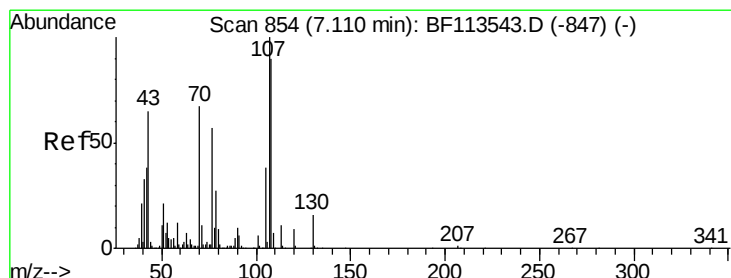
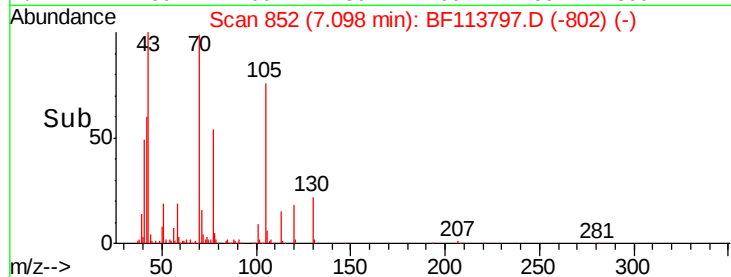
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 572.133 ng

RT: 7.13 min Scan# 857

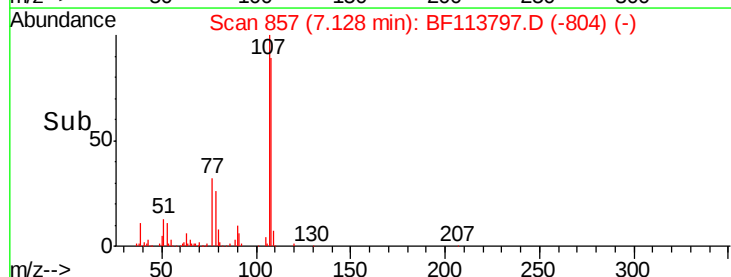
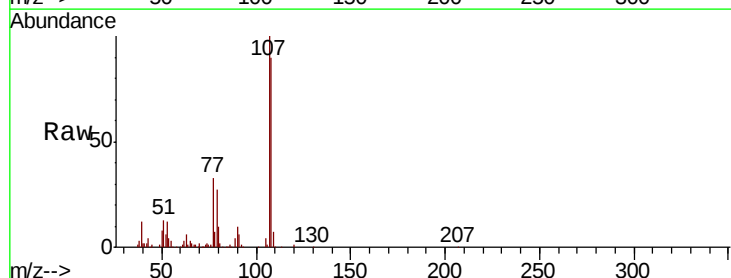
Delta R.T. 0.01 min

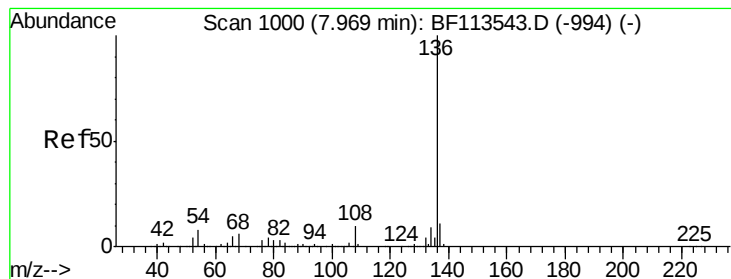
Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:107 Resp: 316829

Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.4	112.4
77	33.3	14.3	54.3
79	26.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF113797.D

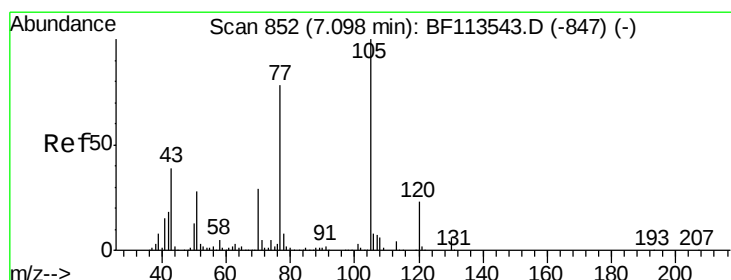
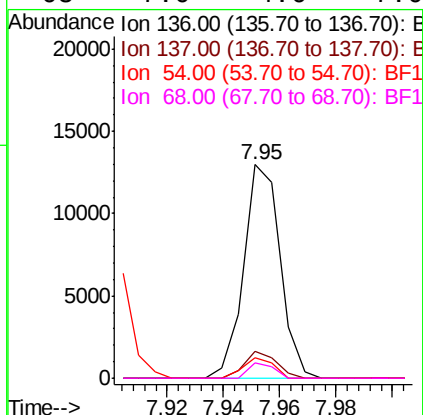
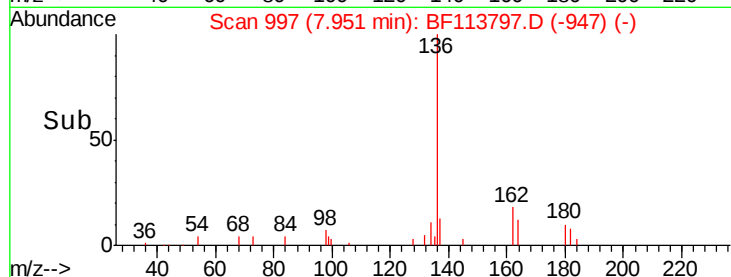
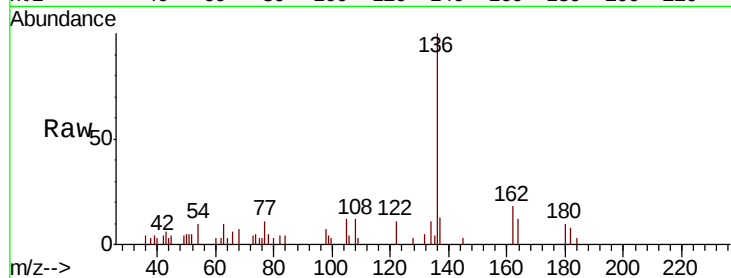
Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	11602
Ion Ratio	Lower	Upper
136	100	
137	12.9	8.8 13.2
54	9.7	6.4 9.6#
68	7.0	4.6 7.0#



#22

Acetophenone

Concen: 1741.026 ng

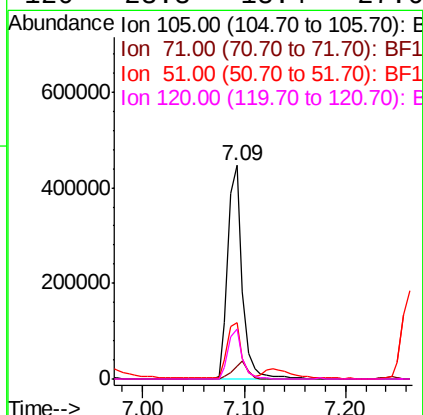
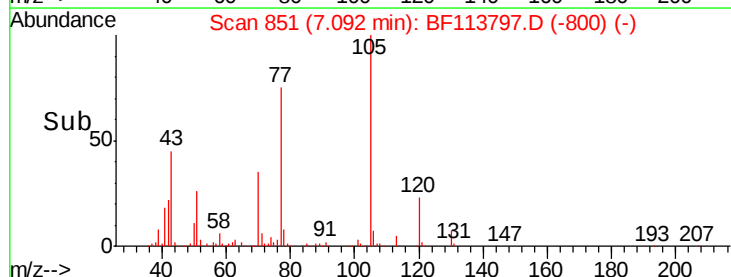
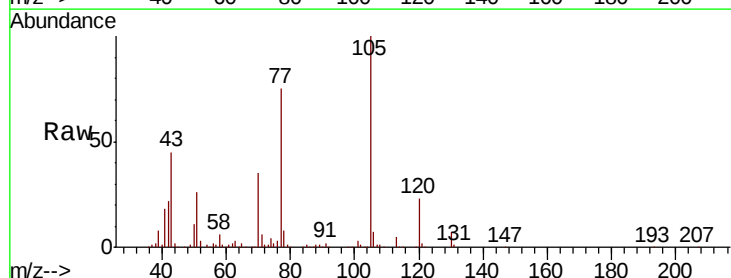
RT: 7.09 min Scan# 851

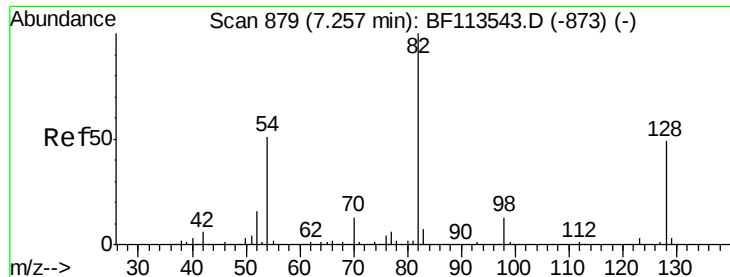
Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:105	Resp:	443645
Ion Ratio	Lower	Upper
105	100	
71	5.8	1.9 2.9#
51	26.4	22.3 33.5
120	23.3	18.4 27.6

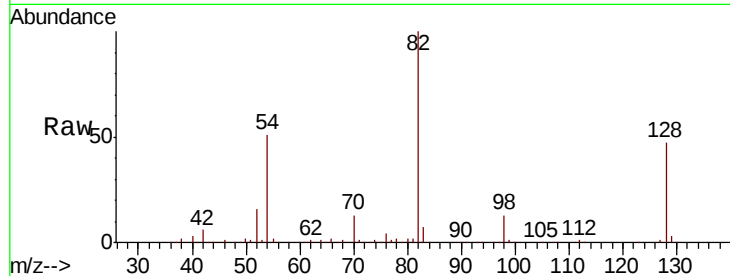




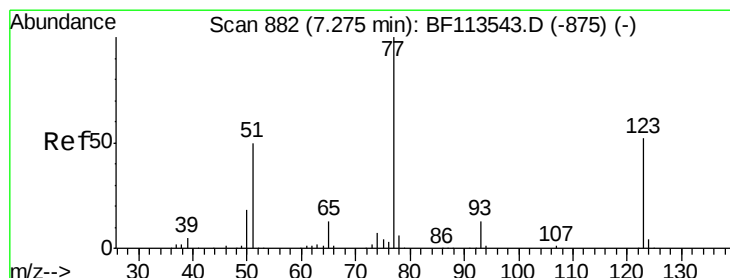
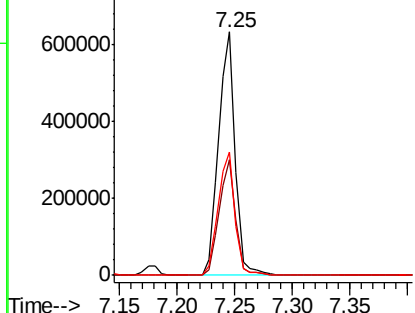
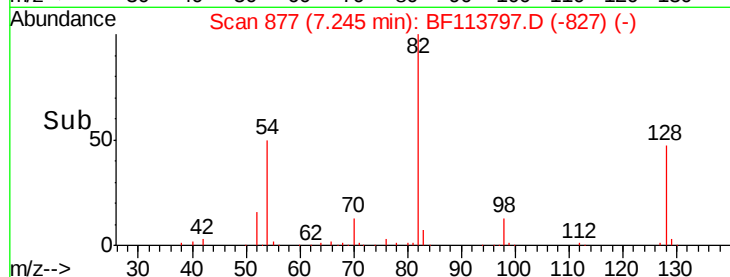
#23
 Nitrobenzene-d5
 Concen: 3194.350 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 632705
 Ion Ratio Lower Upper
 82 100
 128 47.5 38.2 57.2
 54 50.7 41.0 61.4

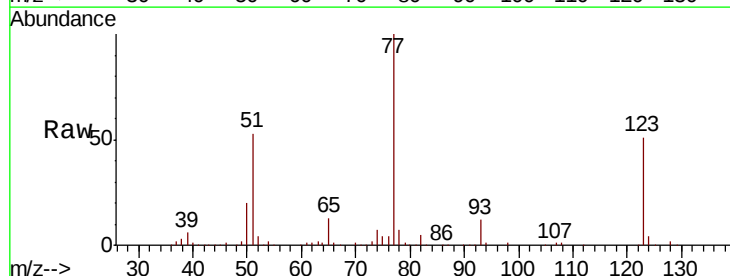


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

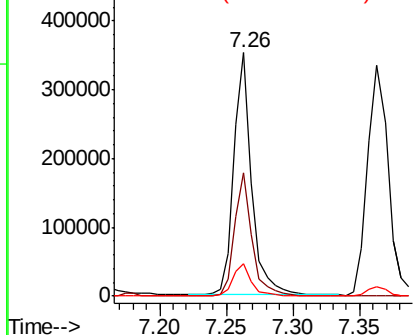
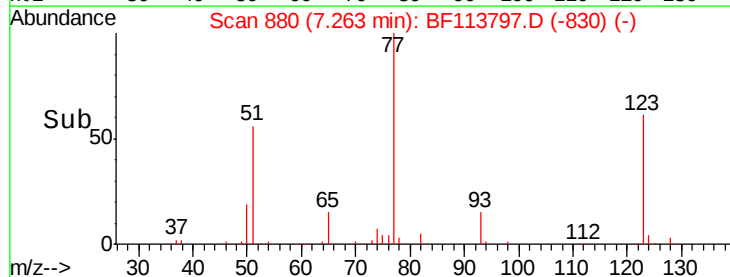


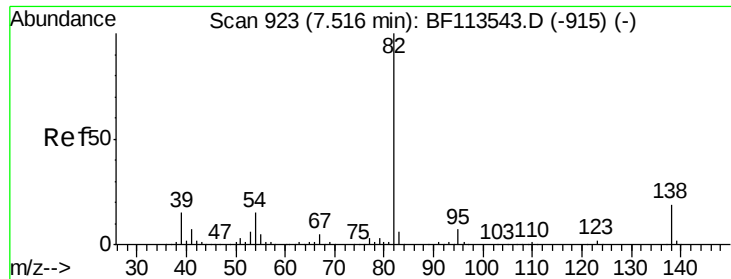
#24
 Nitrobenzene
 Concen: 1620.496 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion: 77 Resp: 330548
 Ion Ratio Lower Upper
 77 100
 123 50.7 40.1 60.1
 65 13.5 10.8 16.2



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

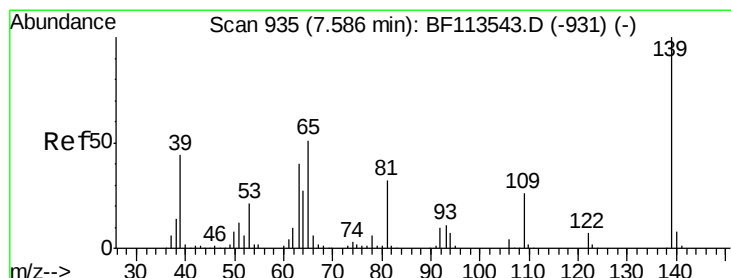
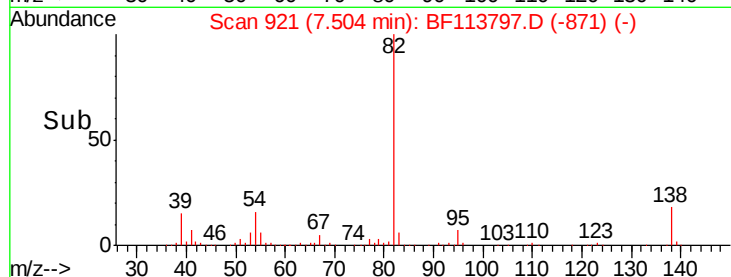
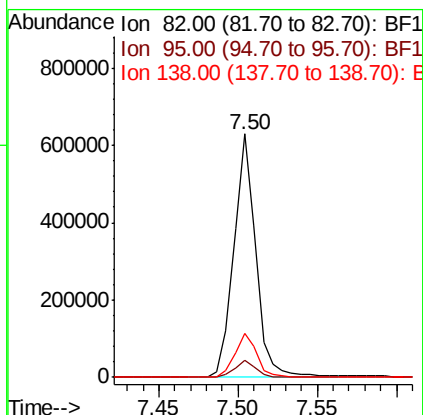
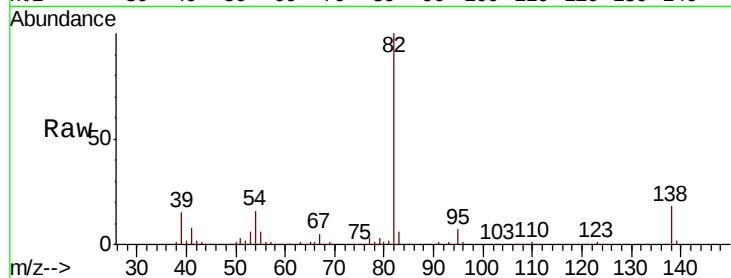




#25
Isophorone
Concen: 1593.134 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

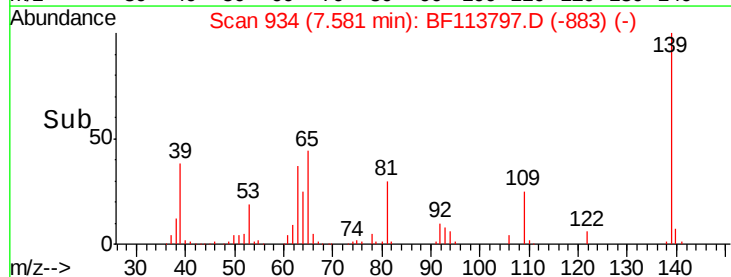
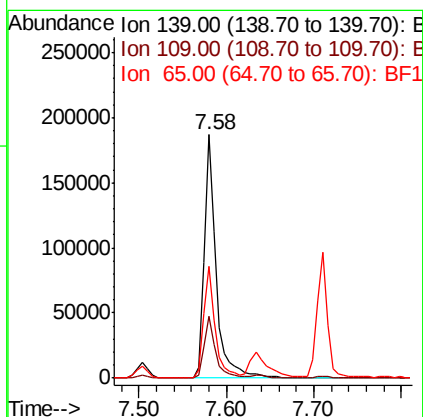
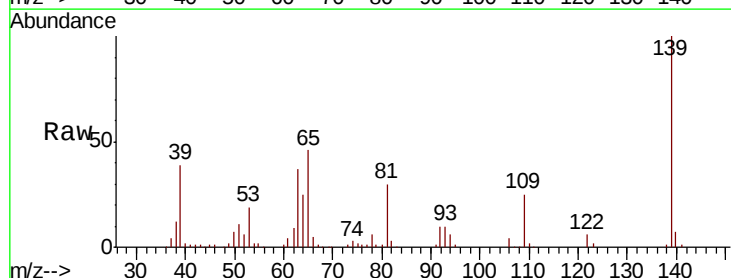
Instrument :
BNA_F
ClientSampleId :

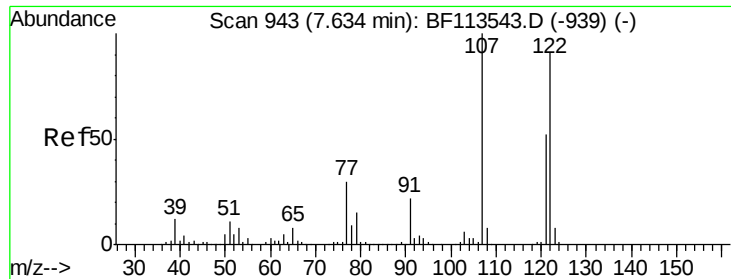
Tot Ion: 82 Resp: 607869
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.3 15.1 22.7



#26
2-Nitrophenol
Concen: 1626.399 ng
RT: 7.58 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion: 139 Resp: 178549
Ion Ratio Lower Upper
139 100
109 25.2 21.1 31.7
65 45.7 39.8 59.6

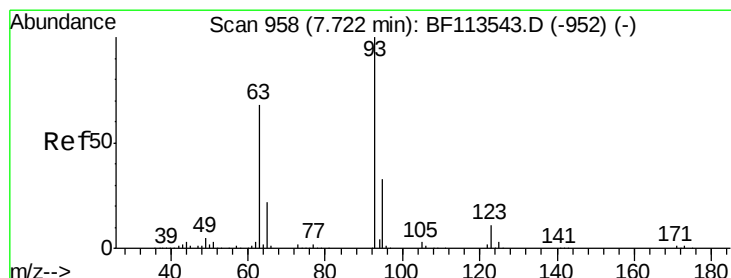
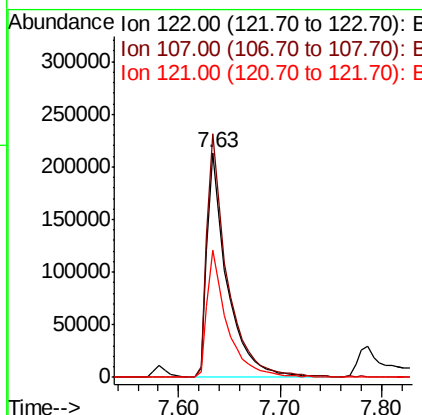
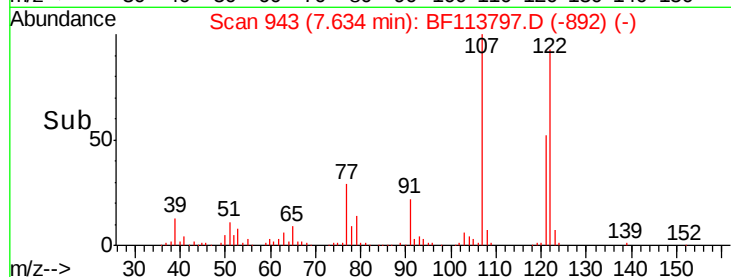
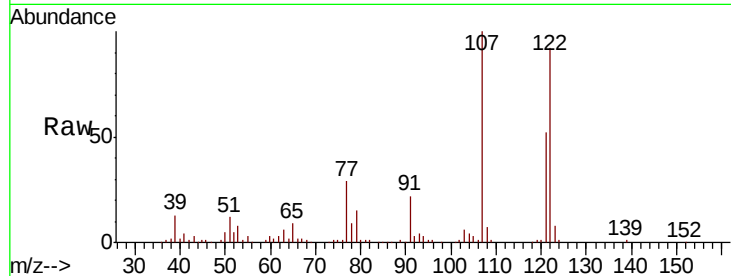




#27
 2,4-Dimethylphenol
 Concen: 1846.544 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

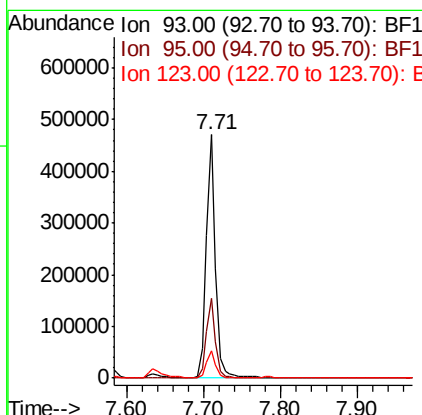
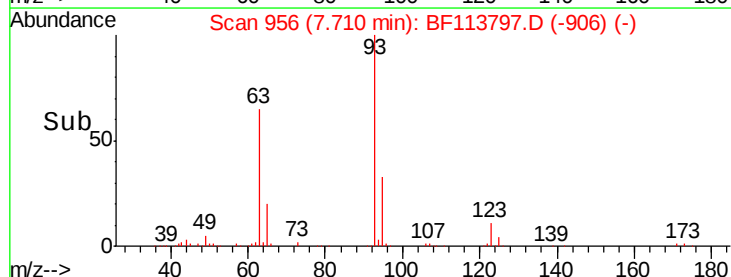
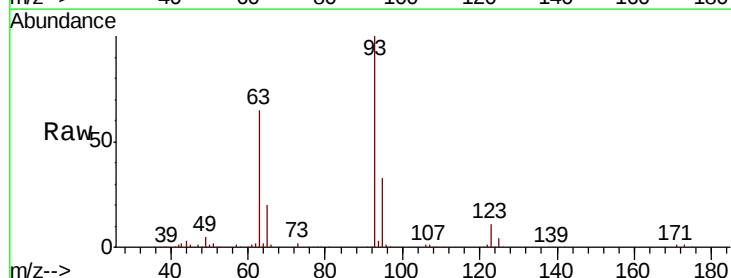
Instrument :
 BNA_F
 ClientSampleId :

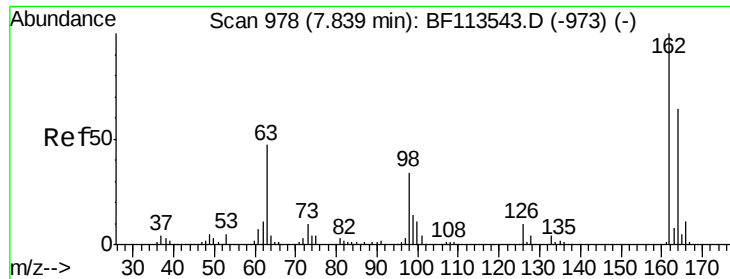
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	86.9	130.3
121	56.6	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 1618.378 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	11.2	9.4	14.2

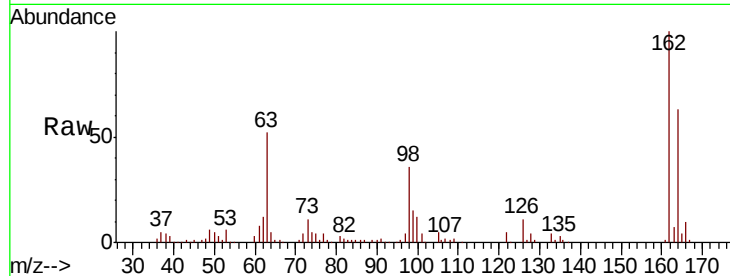




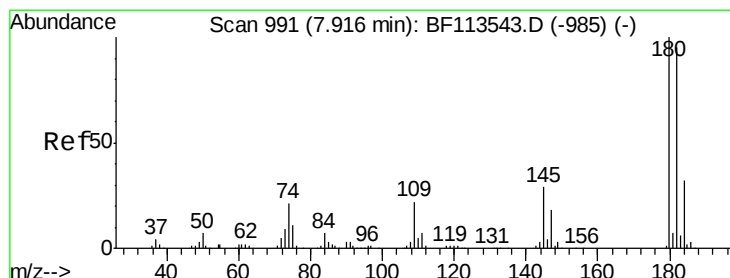
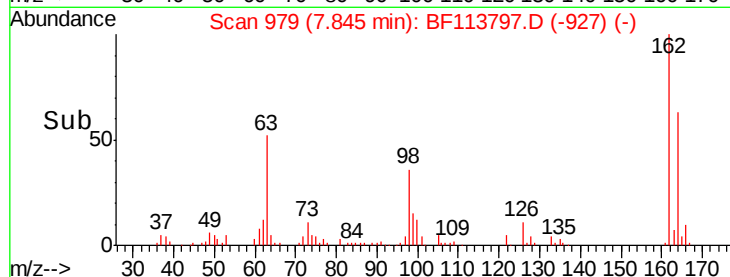
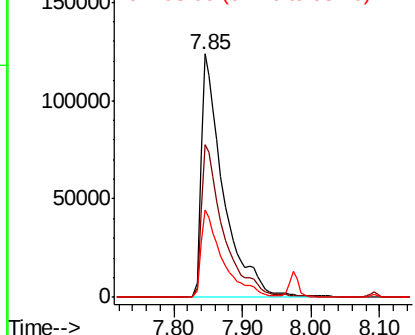
#29
2,4-Dichlorophenol
Concen: 1672.451 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.3	84.3
98	35.8	15.3	55.3

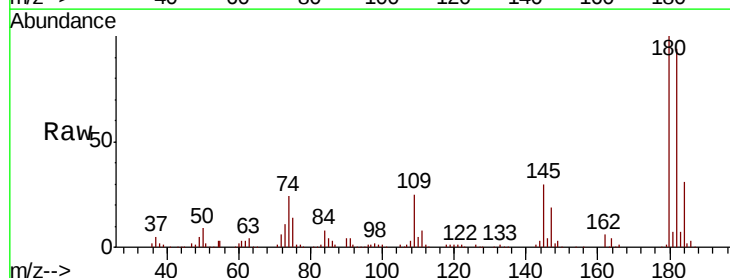


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

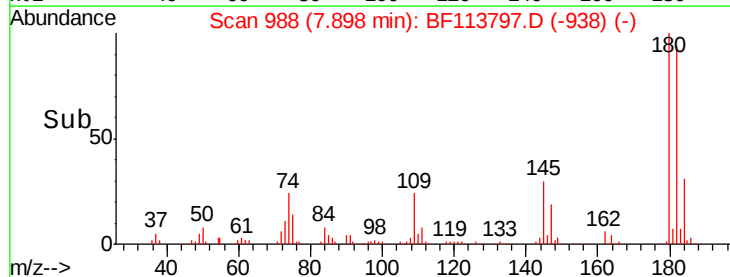
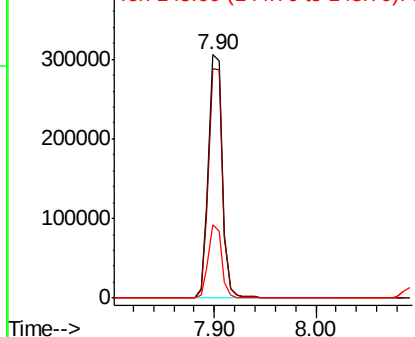


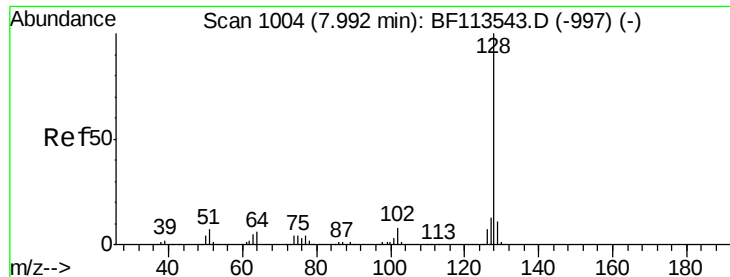
#30
1,2,4-Trichlorobenzene
Concen: 1620.036 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
145	30.1	23.0	34.4



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

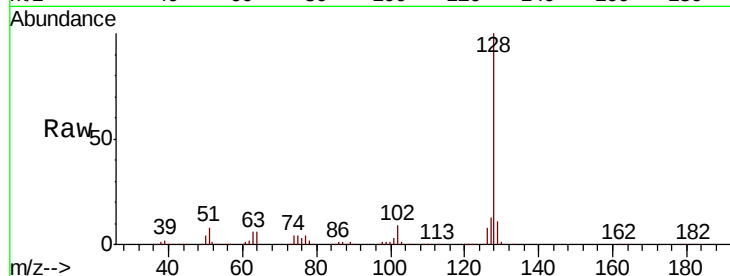




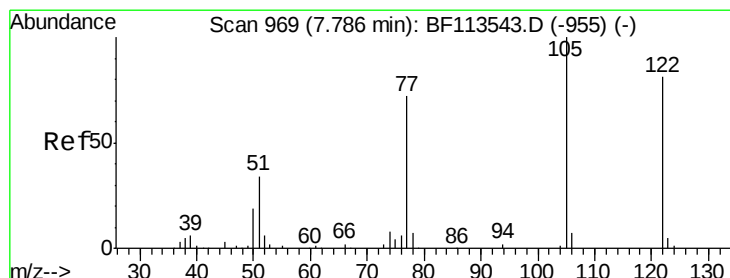
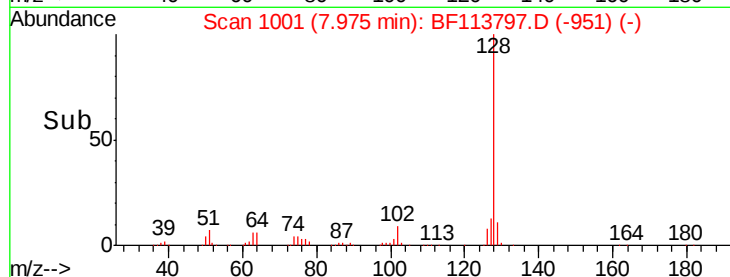
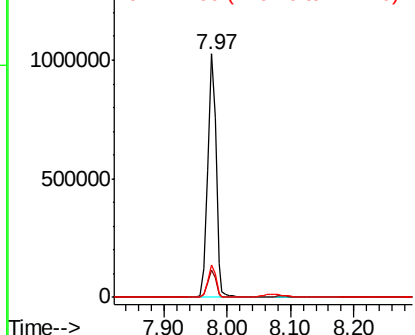
#31
Naphthalene
Concen: 1684.524 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 946944
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.3 10.7 16.1

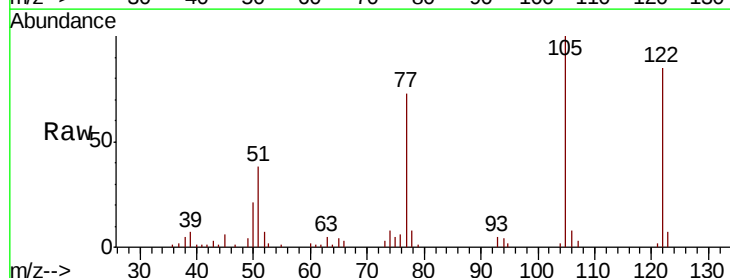


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

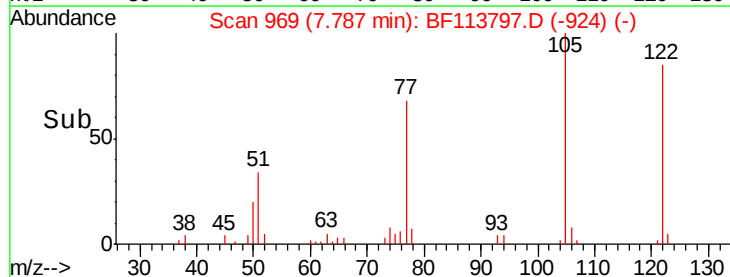
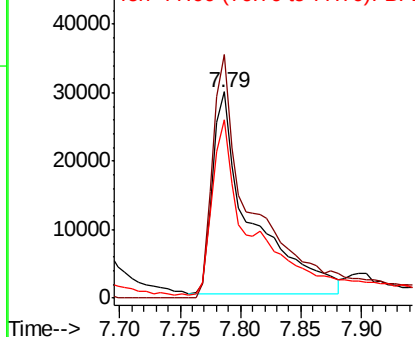


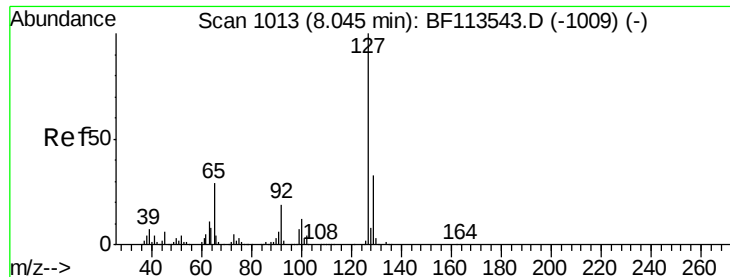
#32
Benzoic acid
Concen: 527.298 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.04 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:122 Resp: 64083
Ion Ratio Lower Upper
122 100
105 117.9 100.6 140.6
77 86.6 70.8 110.8



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

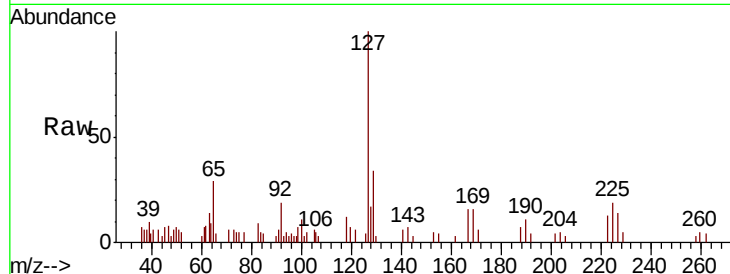




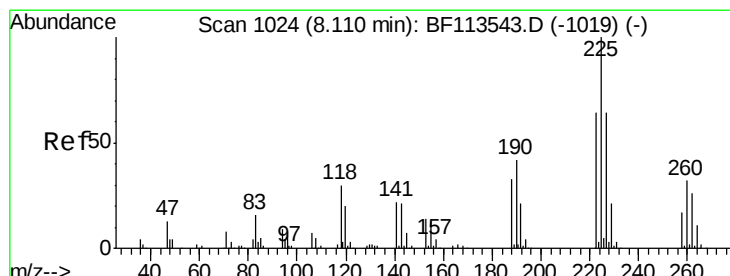
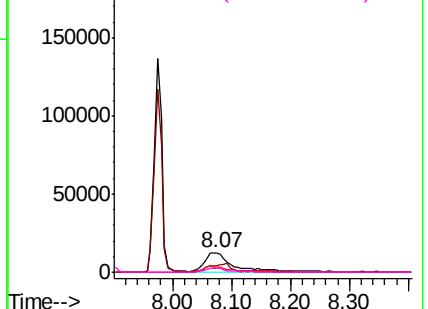
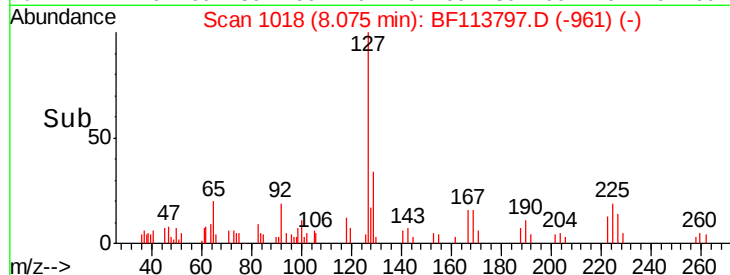
#33
4-Chloroaniline
Concen: 200.386 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.04 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	44666
Ion Ratio	Lower	Upper
127	100	
129	34.1	26.2 39.4
65	29.1	23.2 34.8
92	18.9	14.9 22.3

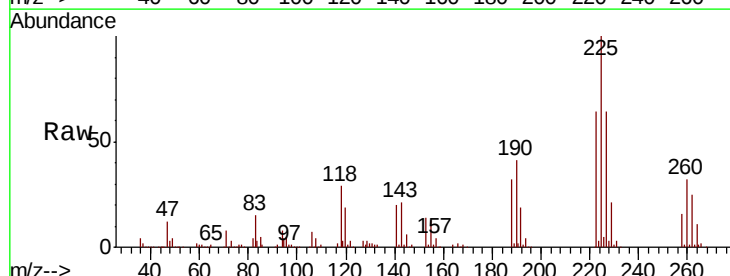


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

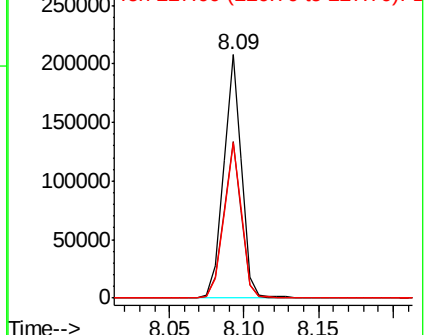
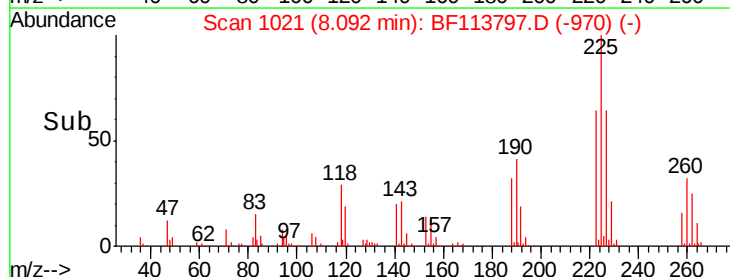


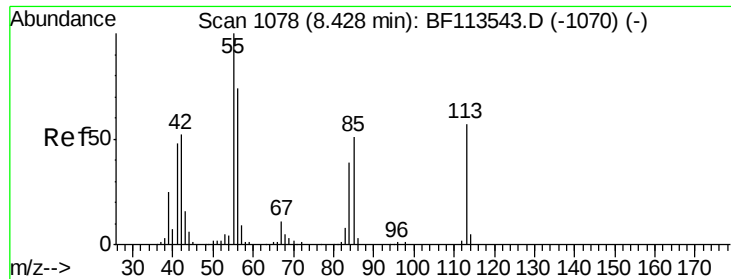
#34
Hexachlorobutadiene
Concen: 1592.979 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:225	Resp:	177103
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.9 76.3
227	63.8	51.3 76.9



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

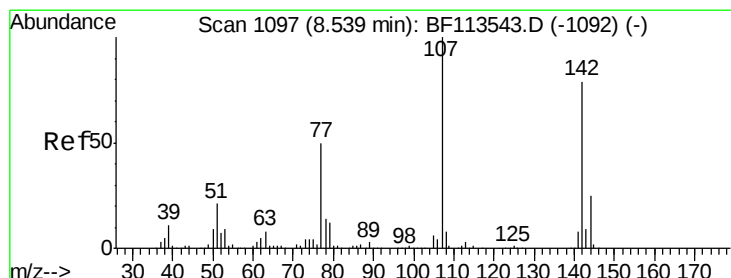
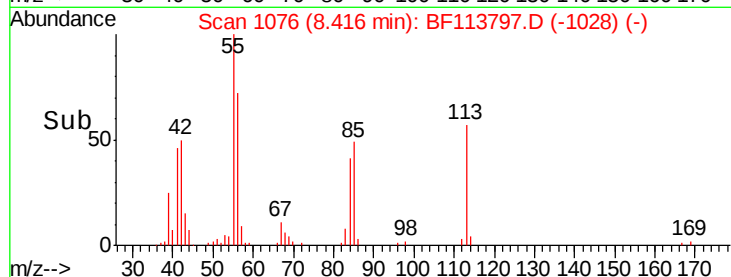
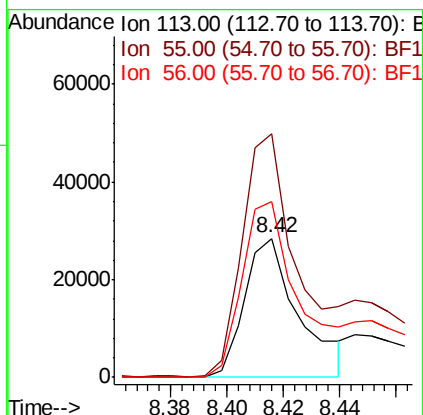
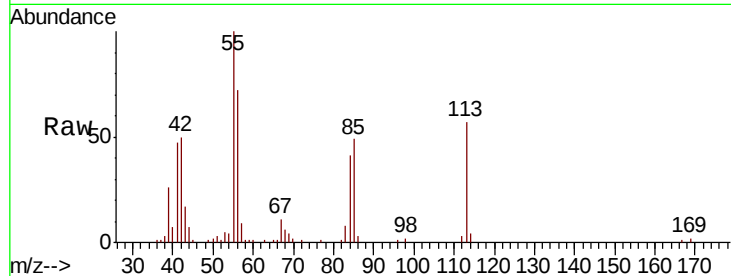




#35
Caprolactam
Concen: 709.487 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

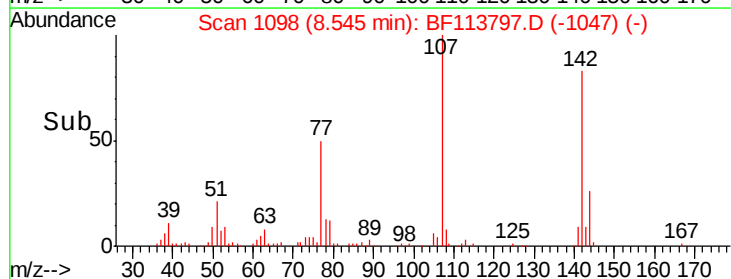
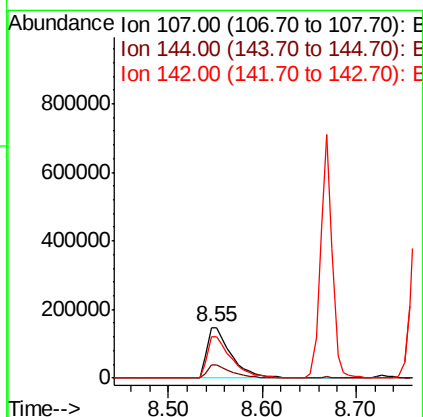
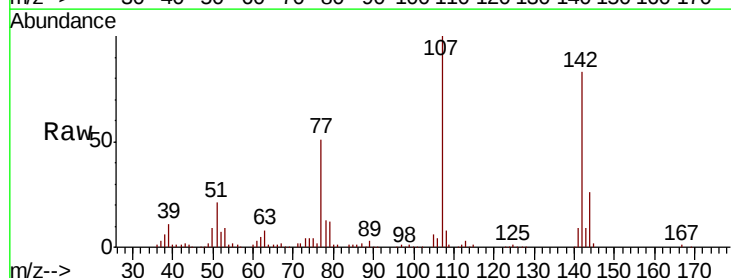
Instrument :
BNA_F
ClientSampled :

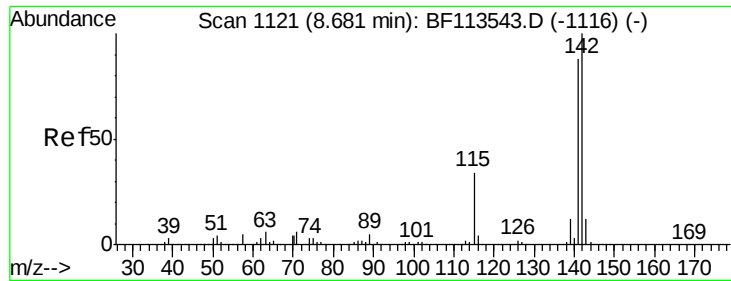
Tot Ion:113 Resp: 37819
Ion Ratio Lower Upper
113 100
55 175.5 155.2 195.2
56 126.8 108.0 148.0



#36
4-Chloro-3-methylphenol
Concen: 1577.702 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:107 Resp: 265950
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 83.3 64.2 96.4

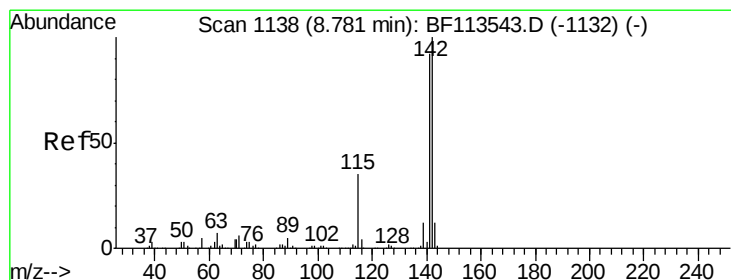
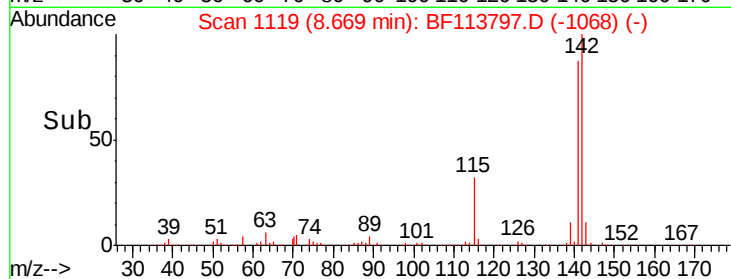
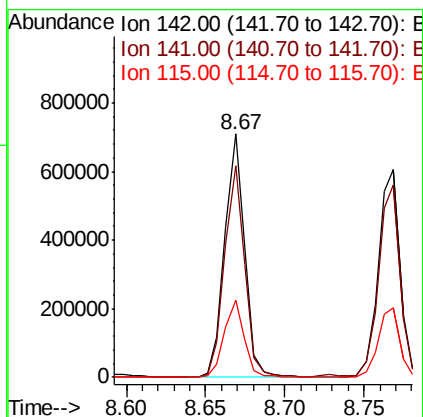
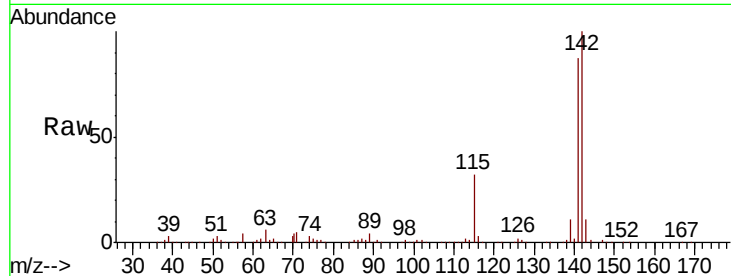




#37
2-Methylnaphthalene
Concen: 1678.212 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

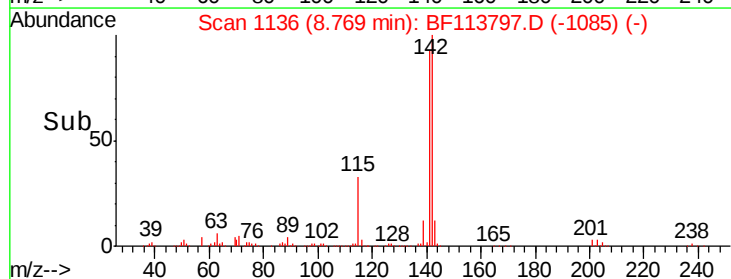
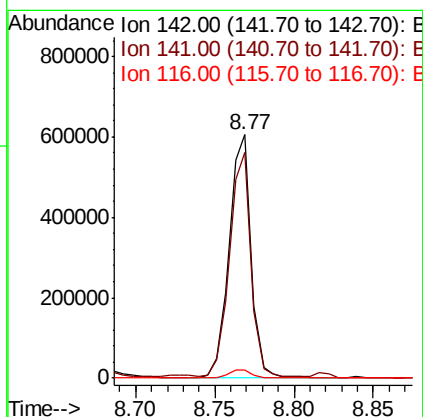
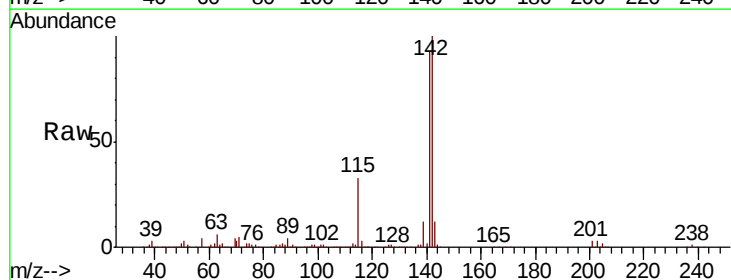
Instrument :
BNA_F
ClientSampleId :

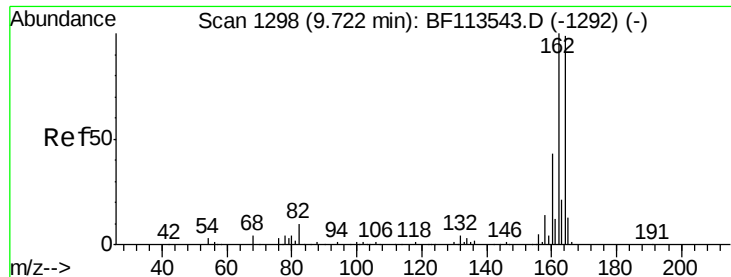
Tot Ion:142 Resp: 620471
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.4
115 31.7 26.8 40.2



#38
1-Methylnaphthalene
Concen: 1615.435 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:142 Resp: 575912
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
116 3.4 2.8 4.2

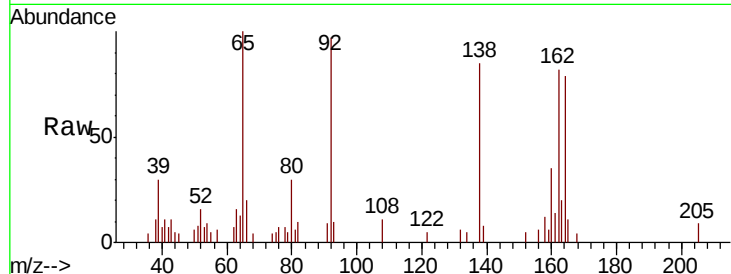




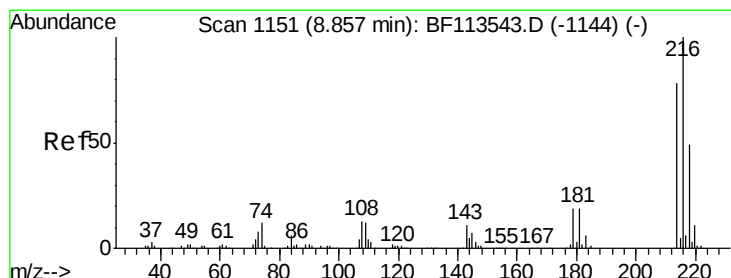
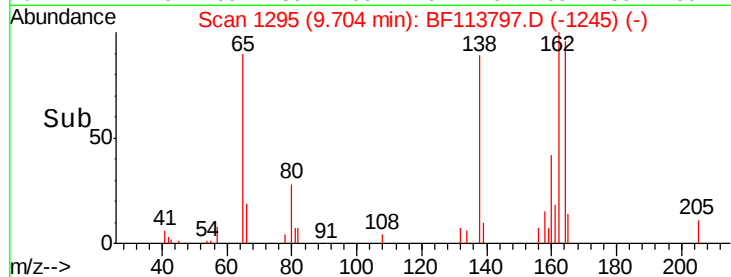
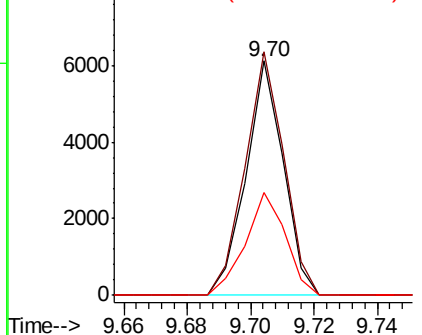
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 5000
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 43.9 35.8 53.6



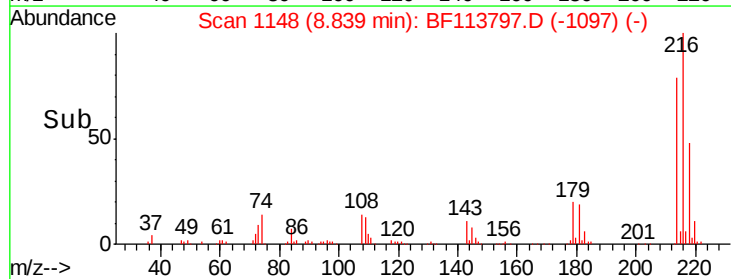
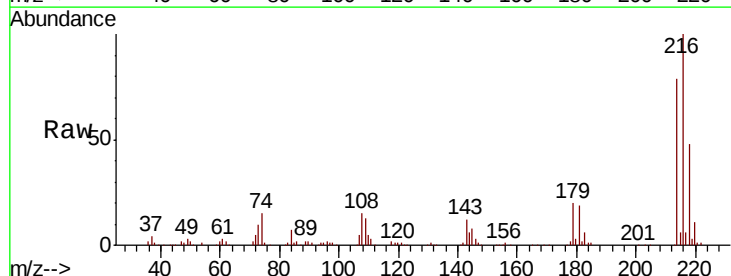
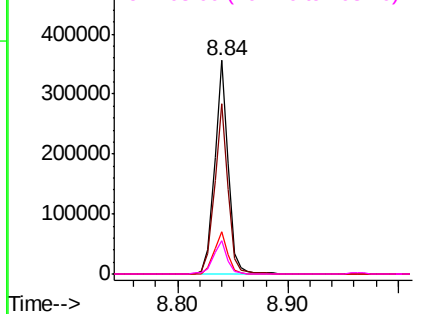
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

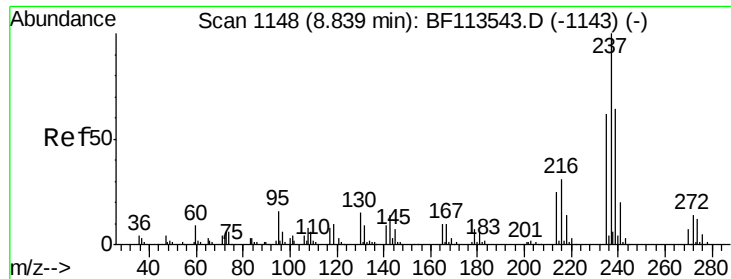


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 1830.523 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion:216 Resp: 296004
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.5 95.3
 179 19.8 16.2 24.2
 108 16.3 13.3 19.9

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

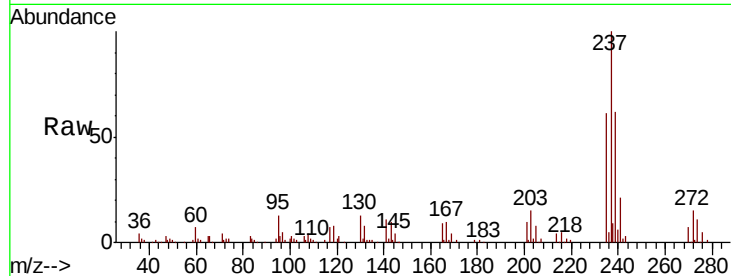




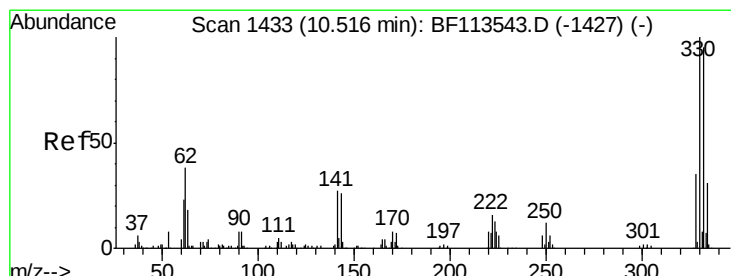
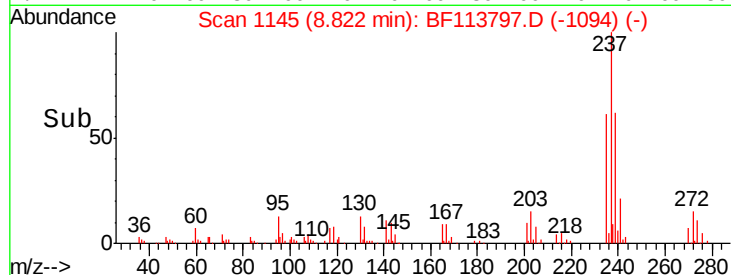
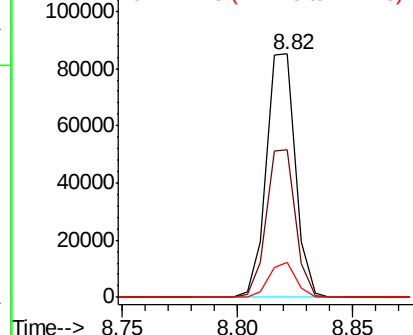
#41
Hexachlorocyclopentadiene
Concen: 1119.972 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 75129
Ion Ratio Lower Upper
237 100
235 60.6 43.9 83.9
272 14.6 0.0 34.0

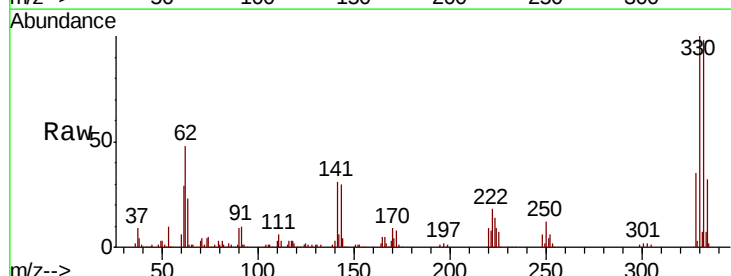


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

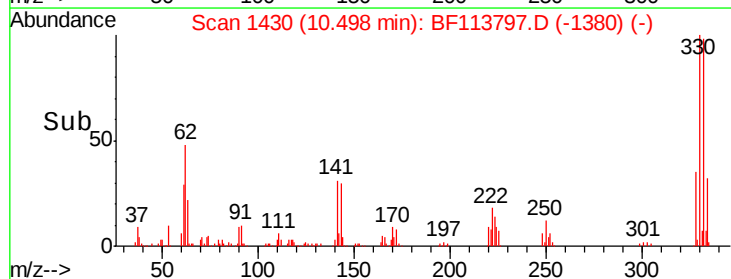
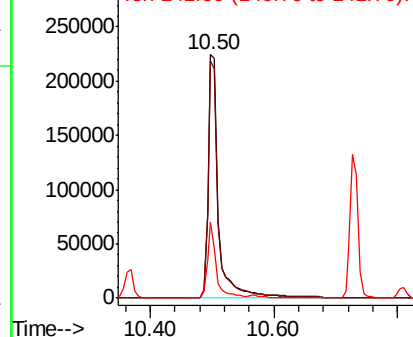


#42
2,4,6-Tribromophenol
Concen: 4479.658 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:330 Resp: 269058
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 26.2 21.0 31.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

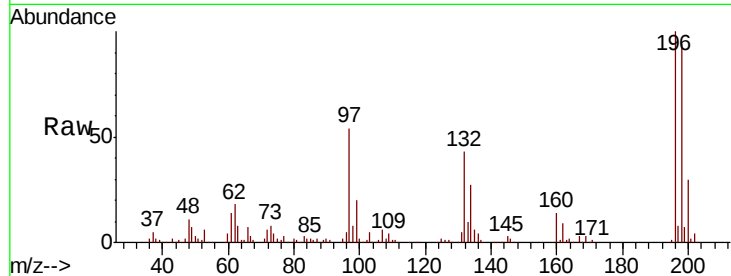




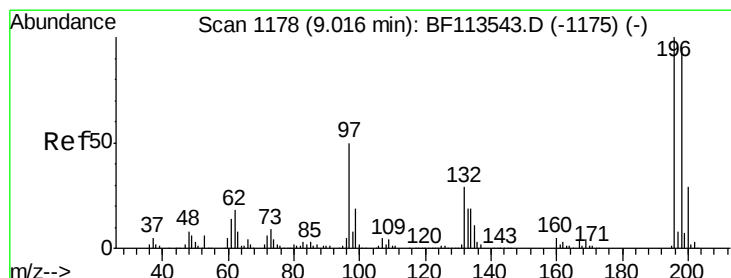
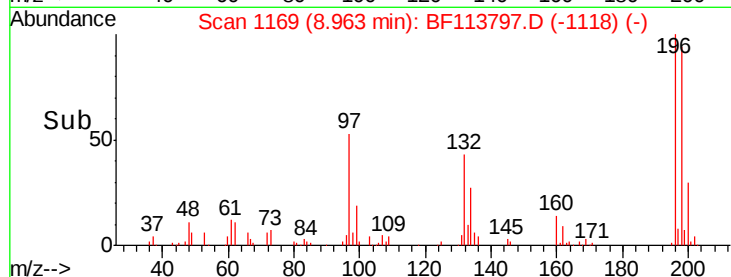
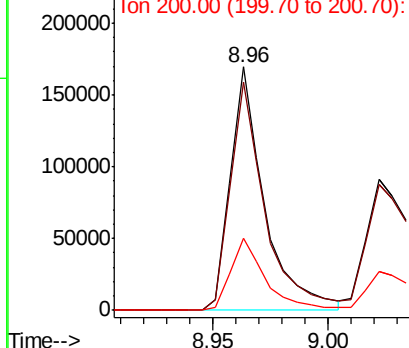
#43
 2,4,6-Trichlorophenol
 Concen: 1703.308 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 173860
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.8 113.6
 200 29.7 24.2 36.2



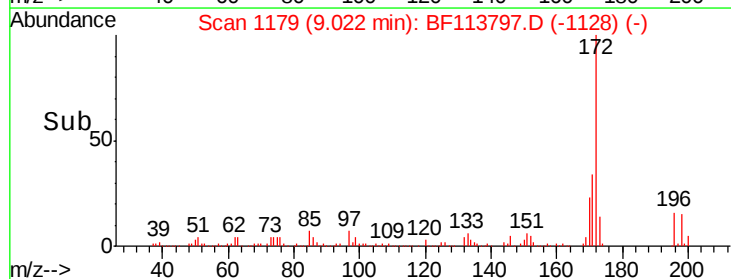
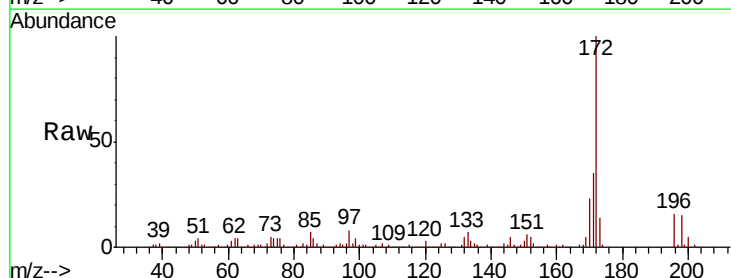
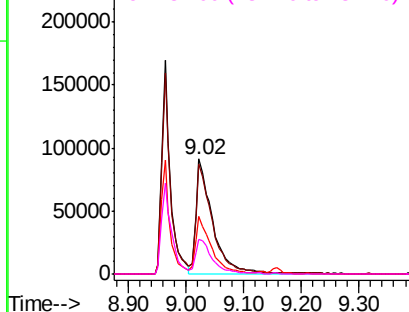
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

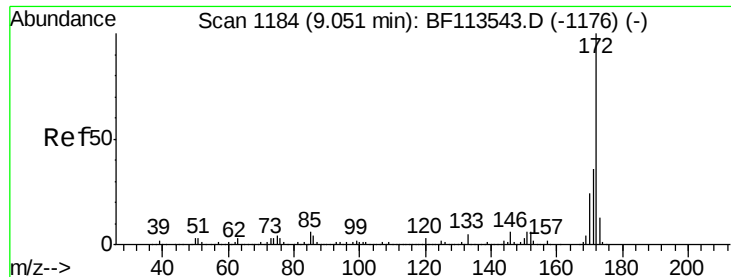


#44
 2,4,5-Trichlorophenol
 Concen: 1675.541 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion:196 Resp: 183611
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.8 116.6
 97 50.2 36.8 55.2
 132 30.3 23.0 34.6

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



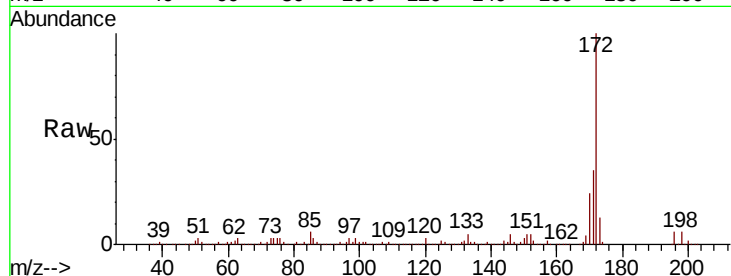


#45
 2-Fluorobiphenyl
 Concen: 3684.107 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

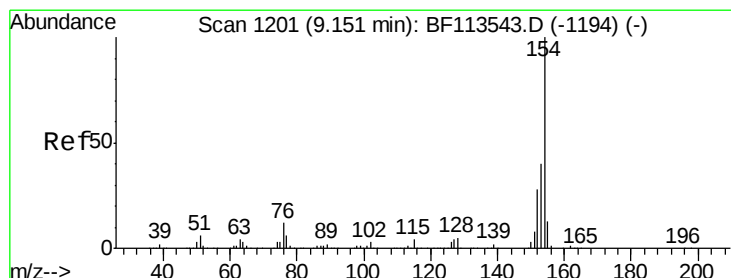
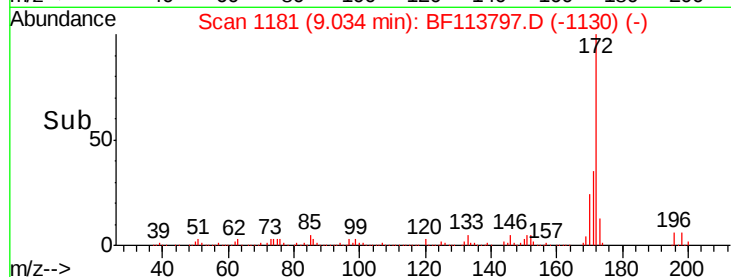
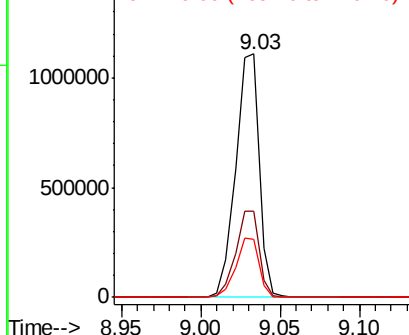
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1144210

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.9	19.6	29.4



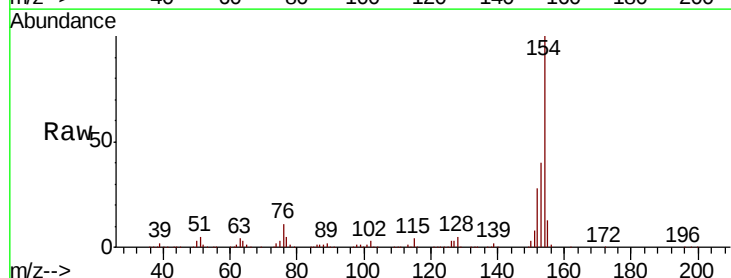
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



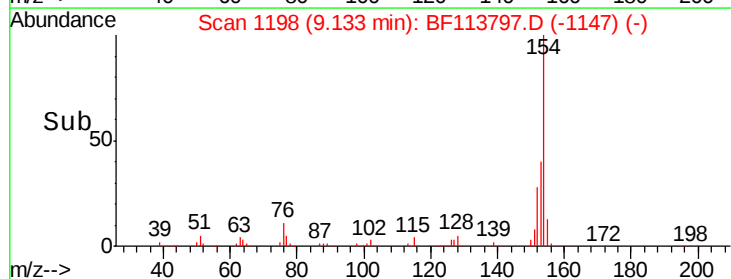
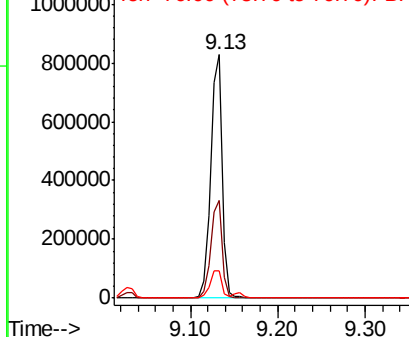
#46
 1,1'-Biphenyl
 Concen: 1825.418 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

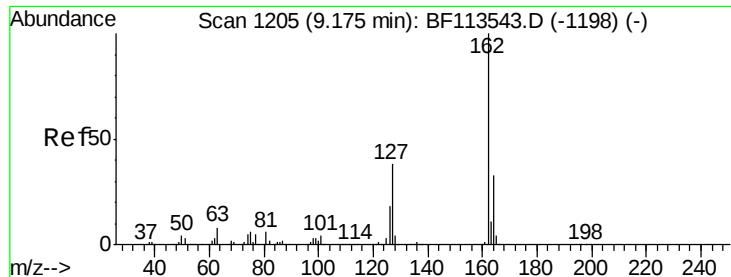
Tgt Ion:154 Resp: 753156

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	11.0	0.0	32.7



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

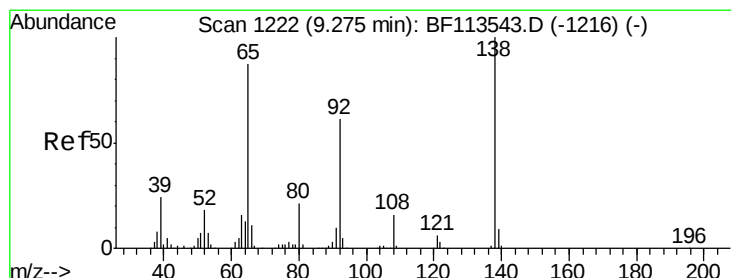
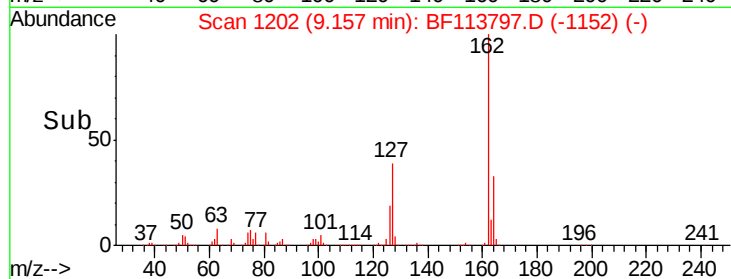
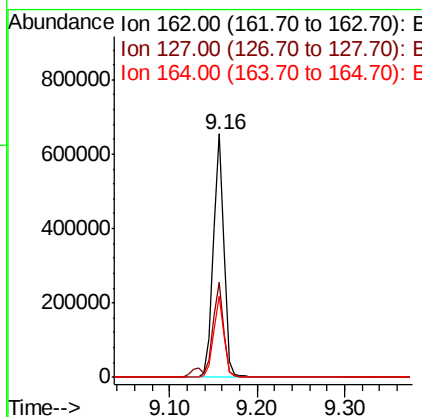
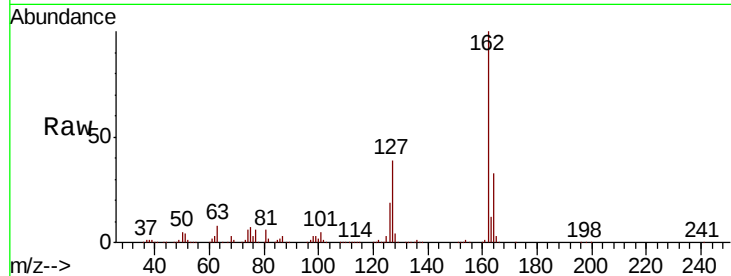




#47
 2-Chloronaphthalene
 Concen: 1781.291 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

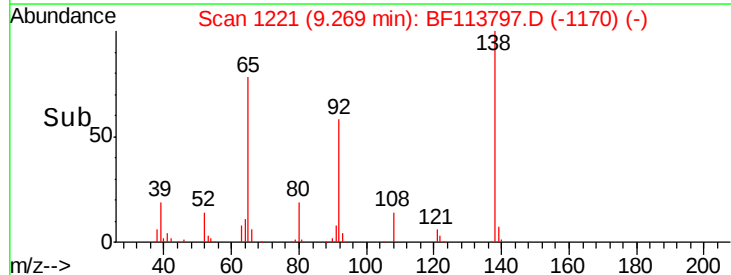
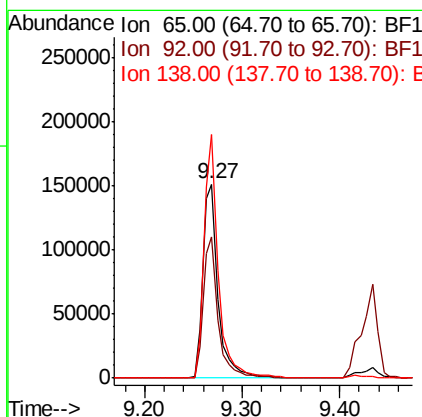
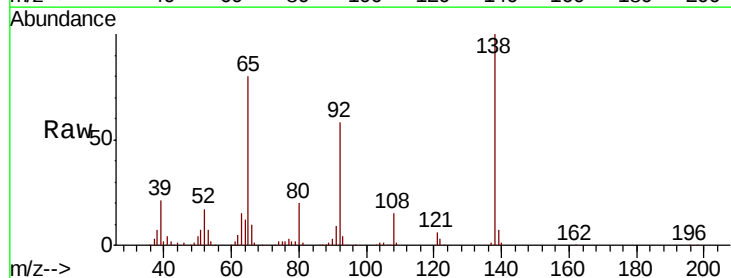
Instrument :
 BNA_F
 ClientSampleId :

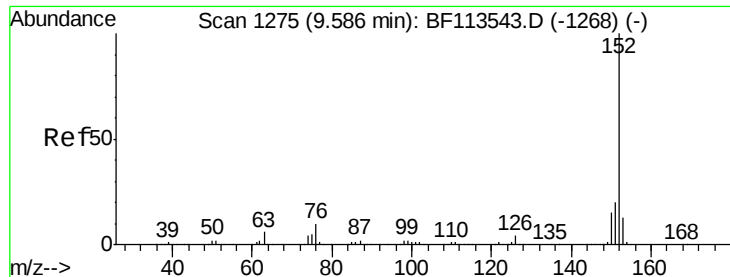
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.6
164	33.4	26.6	40.0



#48
 2-Nitroaniline
 Concen: 1709.967 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	56.5	84.7
138	125.4	90.5	135.7





#49

Acenaphthylene

Concen: 1691.492 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

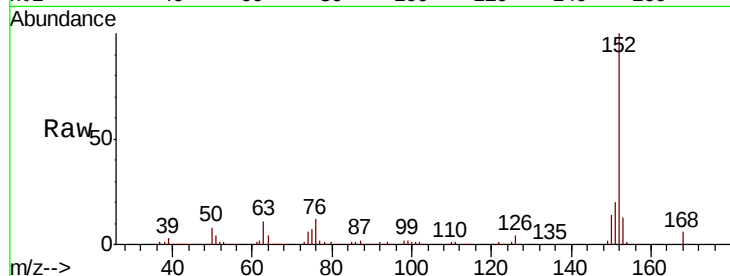
Tot Ion:152 Resp: 859247

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

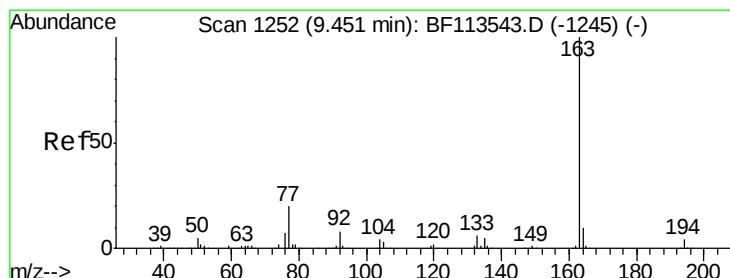
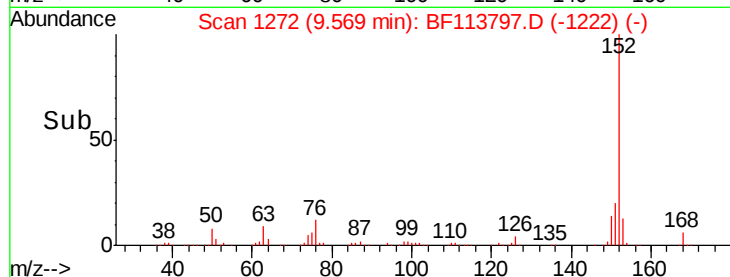
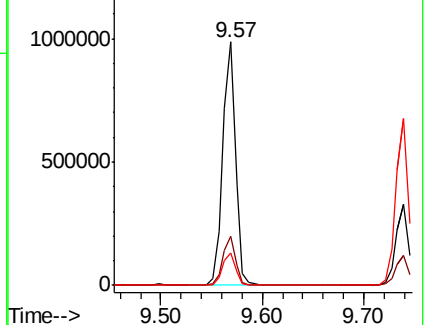
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 1719.309 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

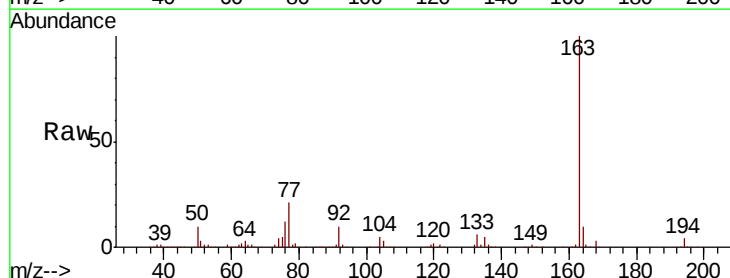
Tgt Ion:163 Resp: 633681

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

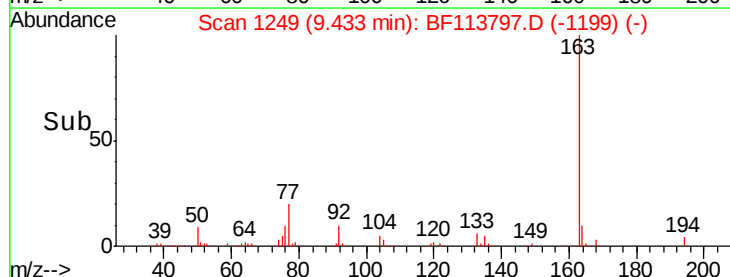
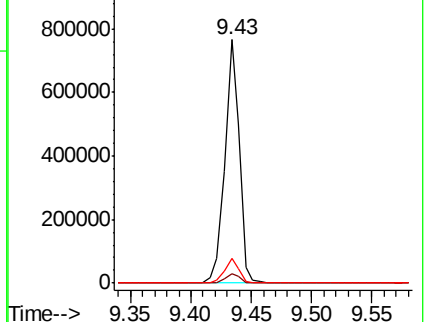
164 10.4 8.3 12.5

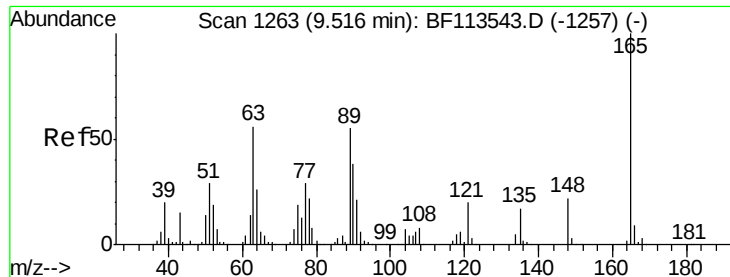


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 1687.772 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

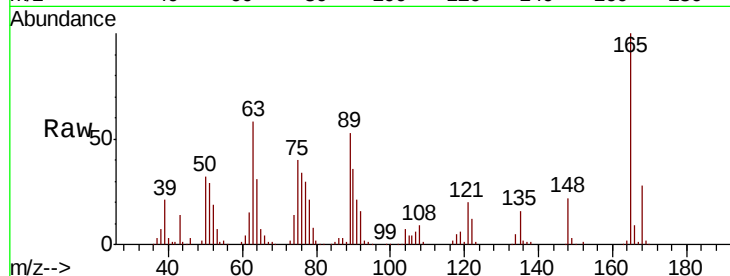
Tot Ion:165 Resp: 137119

Ion Ratio Lower Upper

165 100

63 58.5 33.8 50.8#

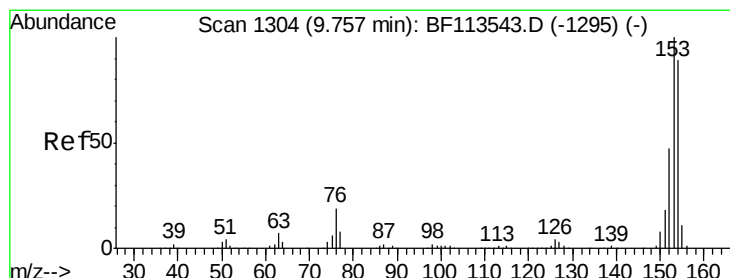
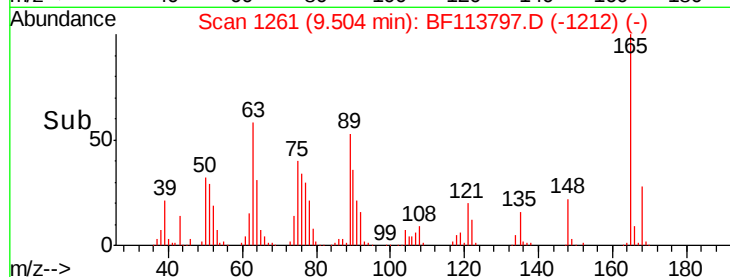
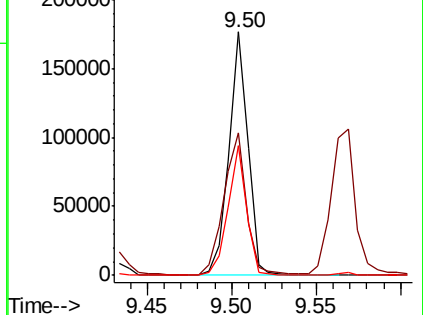
89 53.3 36.2 54.2



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: 1743.646 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

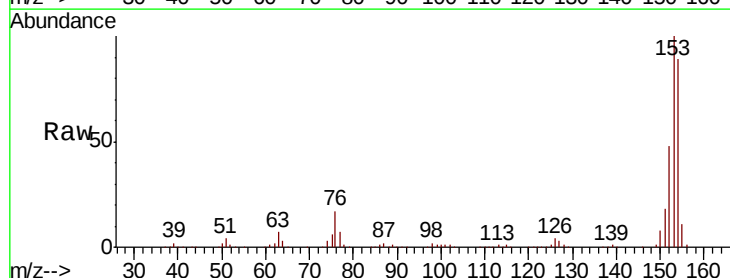
Tgt Ion:154 Resp: 507022

Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.6

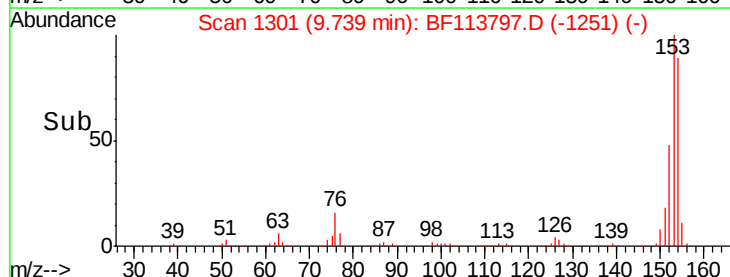
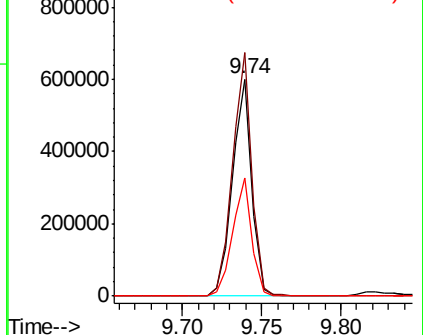
152 54.4 42.9 64.3

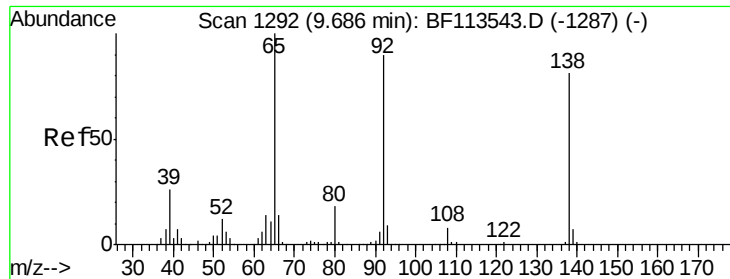


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

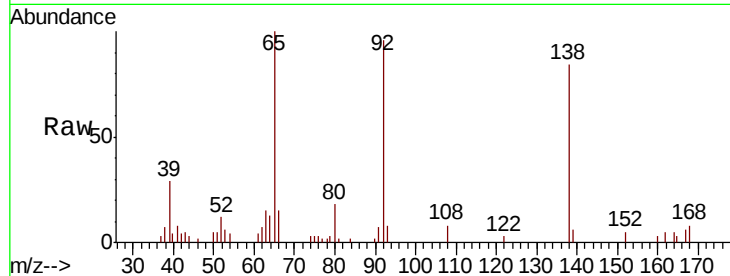




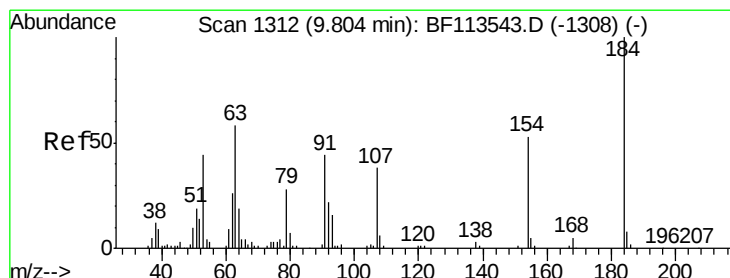
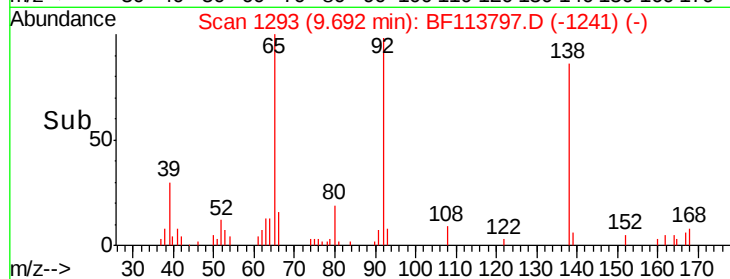
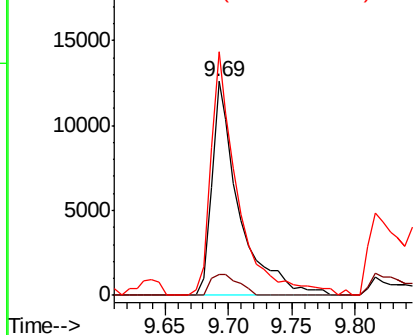
#53
 3-Nitroaniline
 Concen: 204.605 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 18899
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.4 11.2
 92 113.8 89.1 133.7

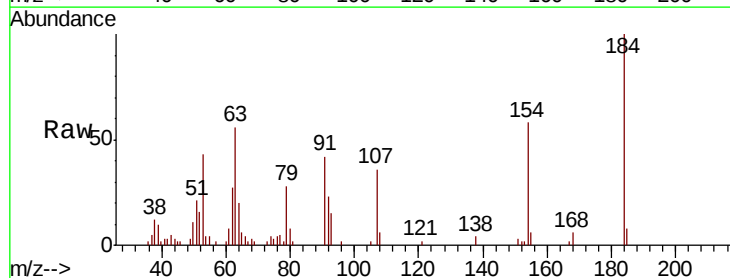


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

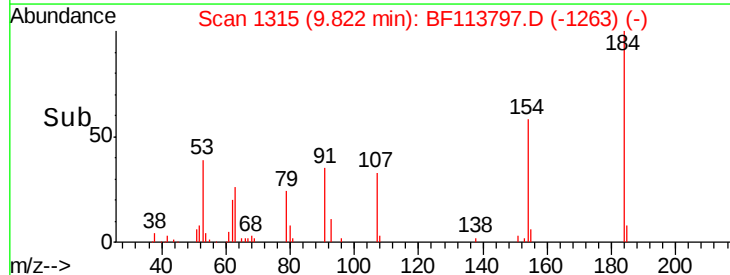
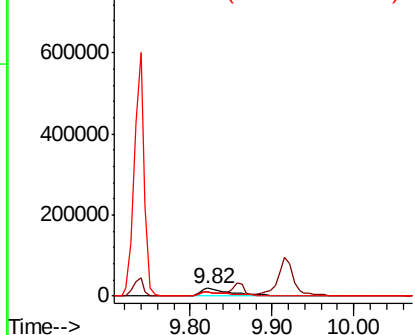


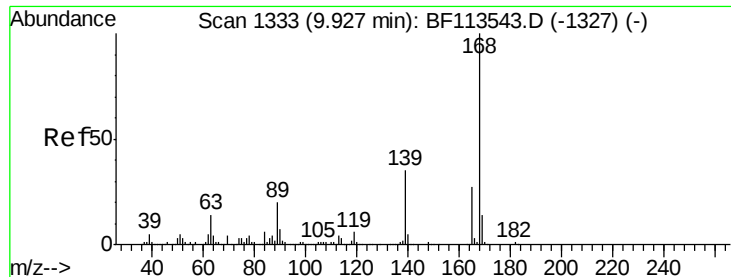
#54
 2,4-Dinitrophenol
 Concen: 1351.602 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion:184 Resp: 51373
 Ion Ratio Lower Upper
 184 100
 63 55.7 45.0 67.4
 154 57.5 45.4 68.2



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

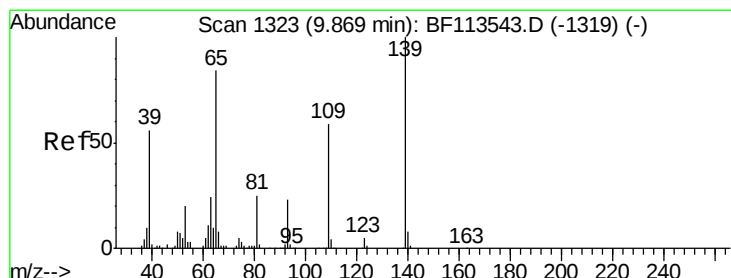
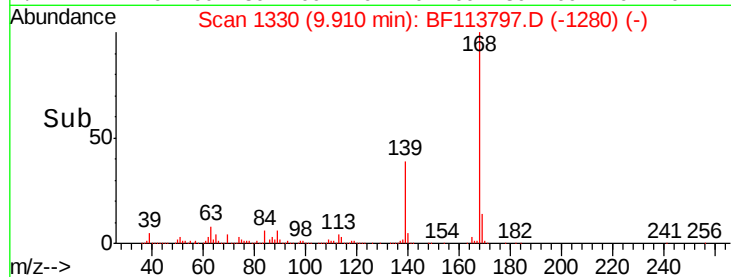
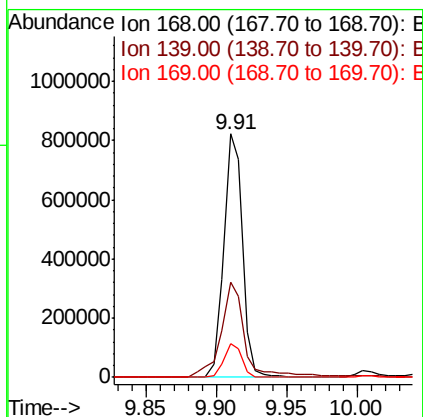
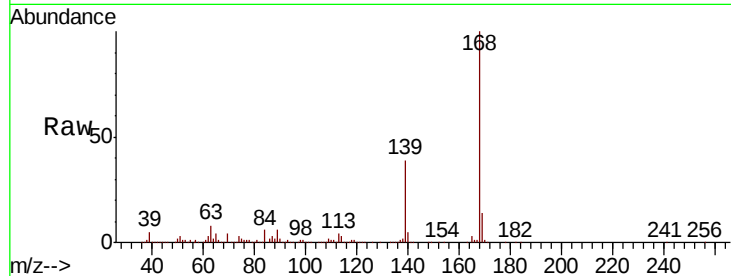




#55
Dibenzenofuran
Concen: 1772.932 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

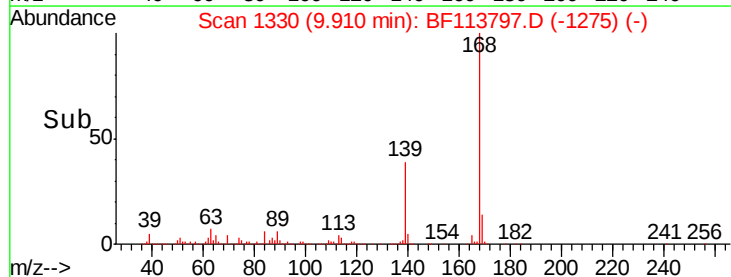
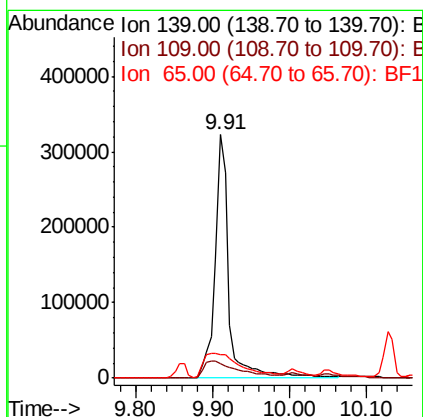
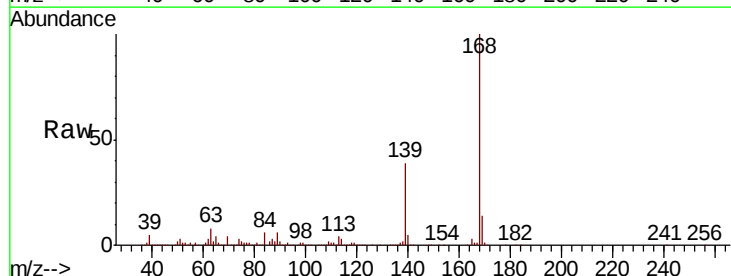
Instrument :
BNA_F
ClientSampled :

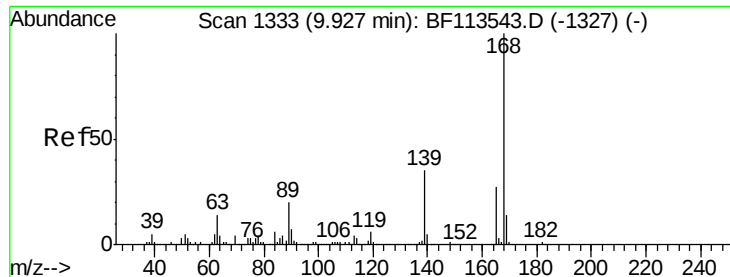
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7
169	14.1	11.2	16.8



#56
4-Nitrophenol
Concen: 6889.366 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	6.0	42.2	82.2#
65	9.4	69.4	109.4#

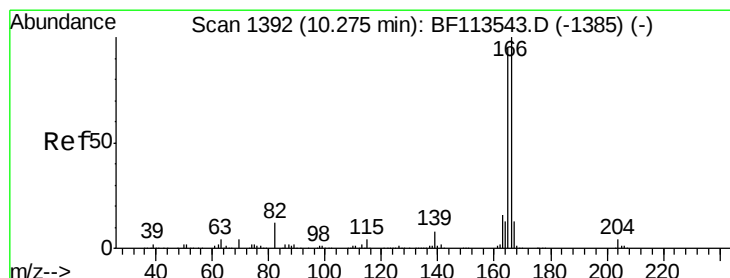
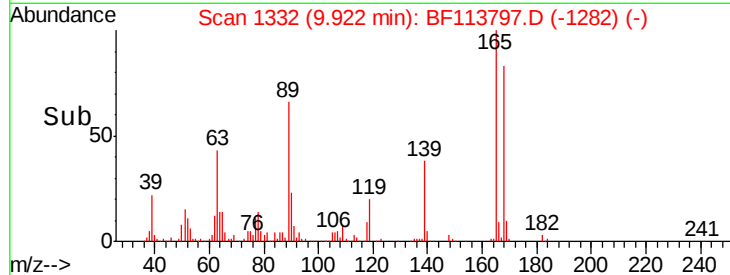
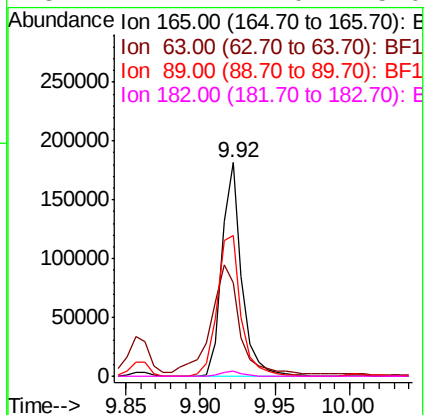
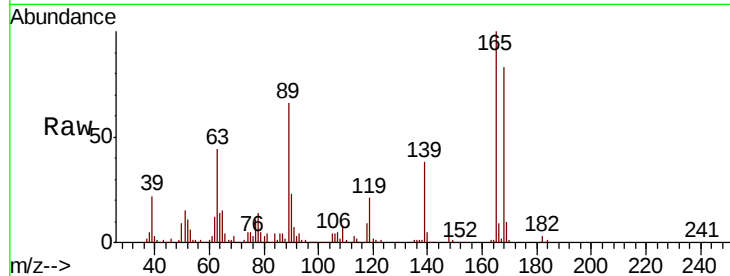




#57
 2,4-Dinitrotoluene
 Concen: 1726.417 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

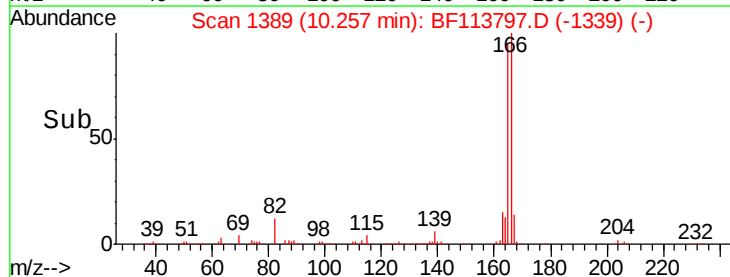
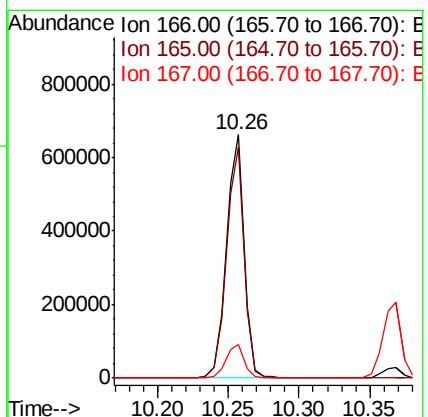
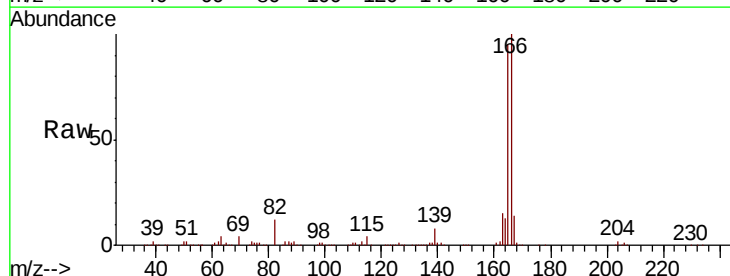
Instrument :
 BNA_F
 ClientSampleId :

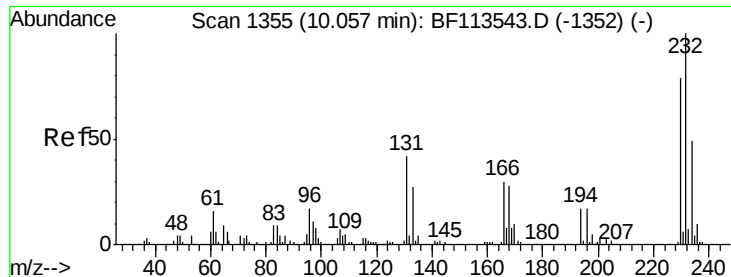
Tot Ion:165 Resp: 169632
 Ion Ratio Lower Upper
 165 100
 63 43.8 32.2 48.2
 89 66.0 51.3 76.9
 182 2.7 2.0 3.0



#58
 Fluorene
 Concen: 1701.483 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion:166 Resp: 574024
 Ion Ratio Lower Upper
 166 100
 165 95.0 76.0 114.0
 167 13.6 10.7 16.1

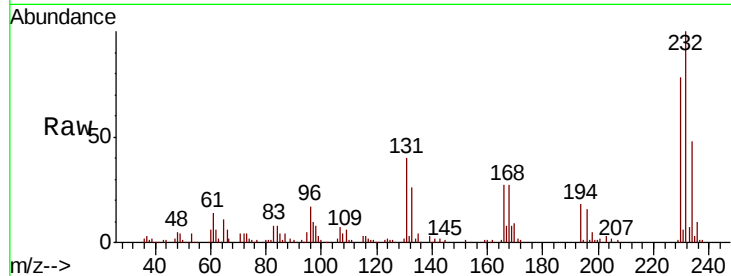




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1687.365 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	26.8	40.2
130	1.8	1.4	2.2
166	23.6	18.2	27.2



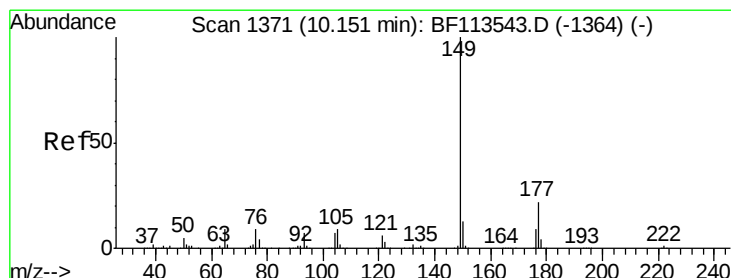
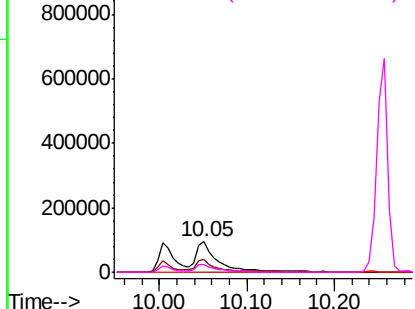
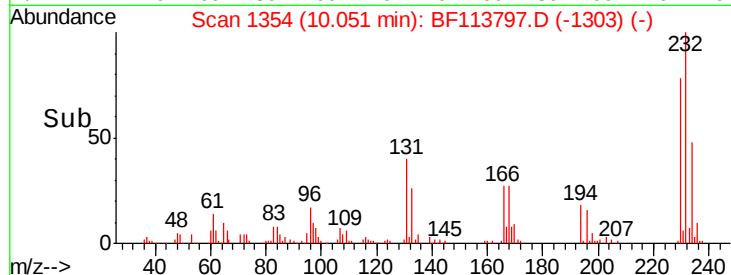
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

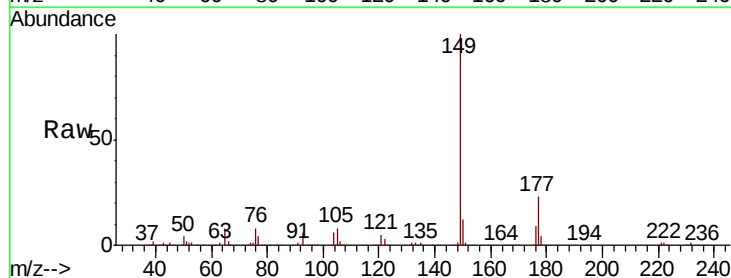
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 1729.205 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.6	27.8
150	12.5	9.9	14.9

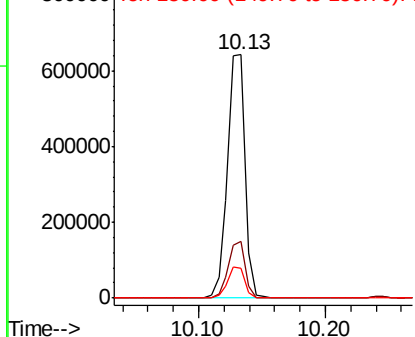
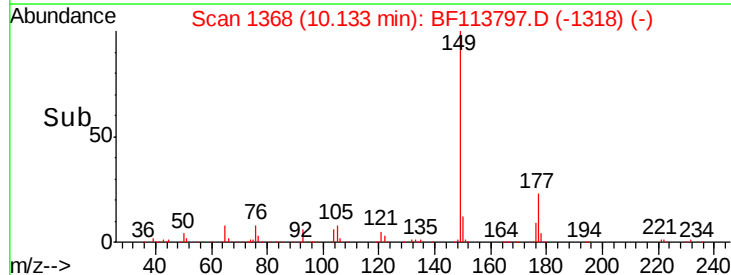


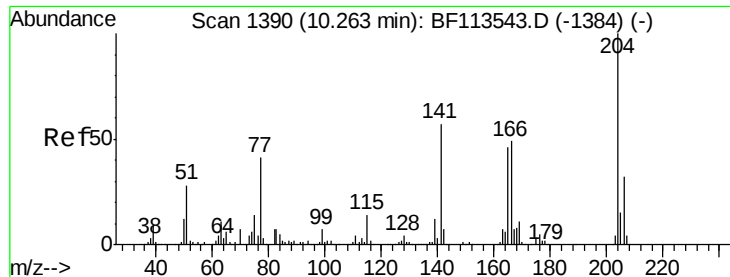
Abundance

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

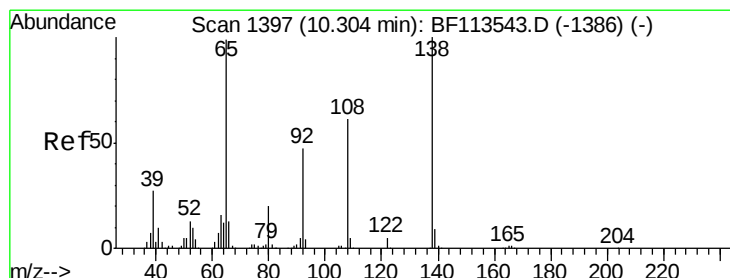
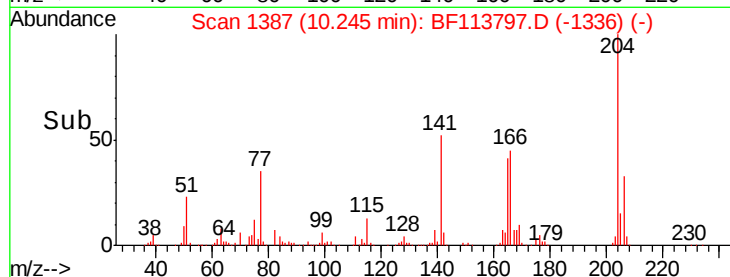
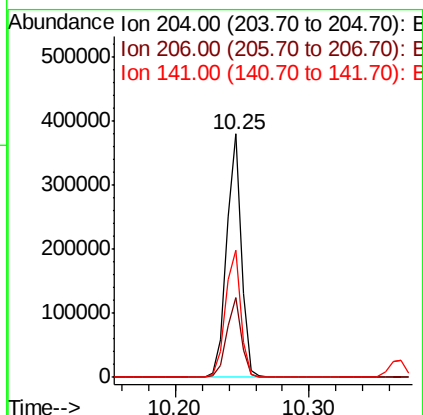
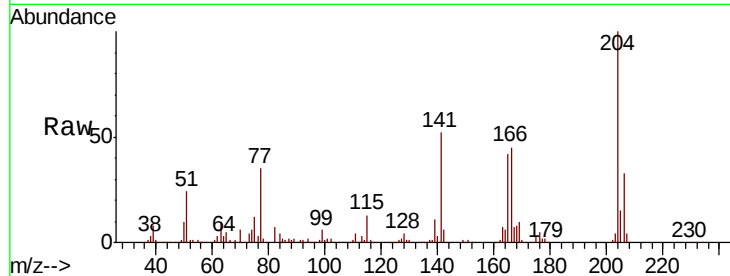




#61
 4-Chlorophenyl-phenylether
 Concen: 1793.353 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

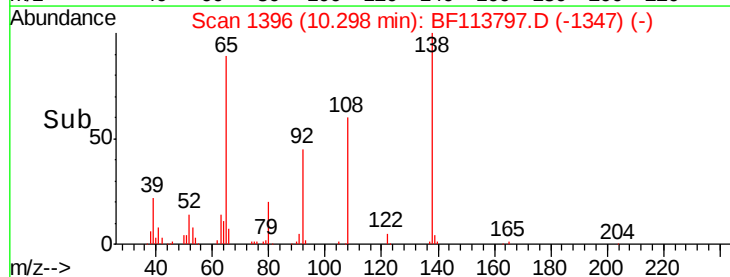
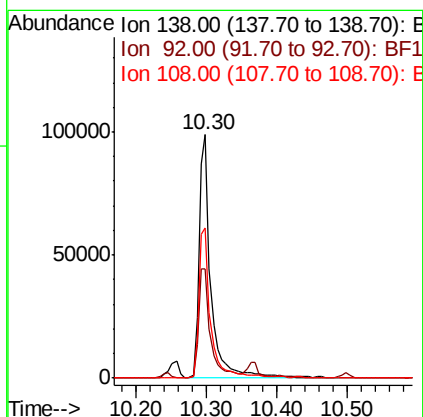
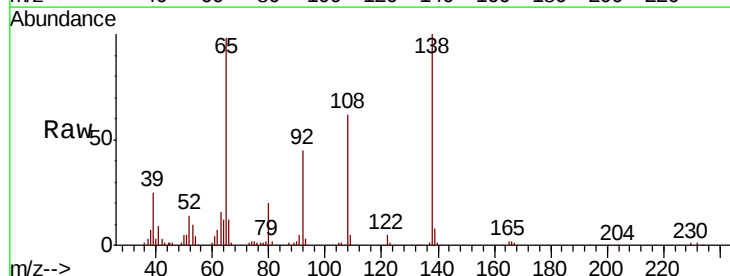
Instrument :
 BNA_F
 ClientSampleId :

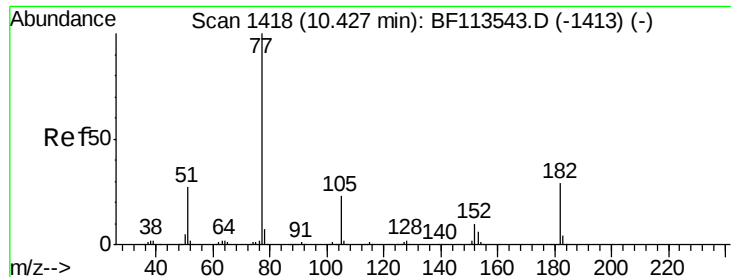
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	52.4	47.1	70.7



#62
 4-Nitroaniline
 Concen: 1257.805 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	28.6	68.6
108	61.7	44.0	84.0





#63

Azobenzene

Concen: 1632.504 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

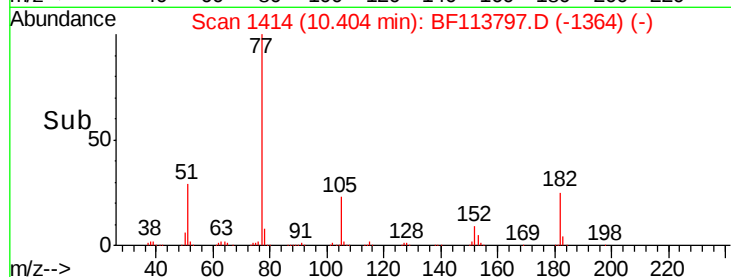
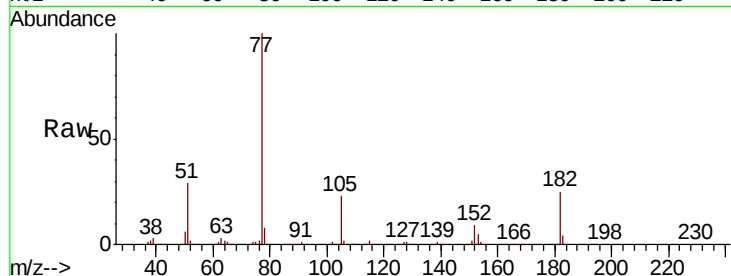
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 549275

Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.5	46.5
105	22.6	3.1	43.1
51	28.6	9.3	49.3

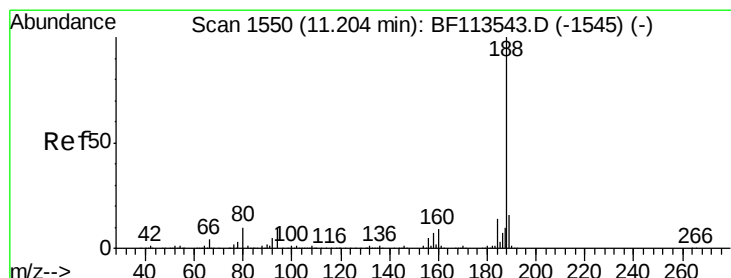


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1547

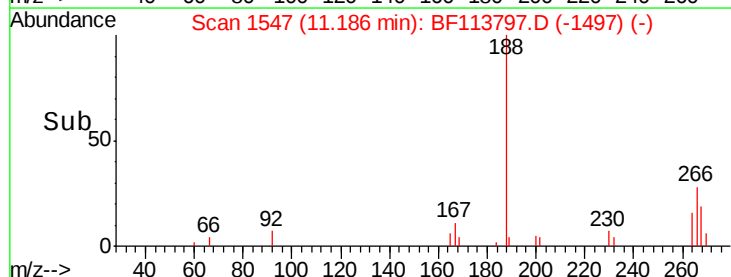
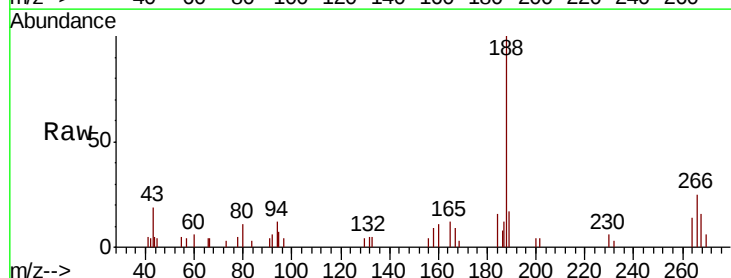
Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion: 188 Resp: 8558

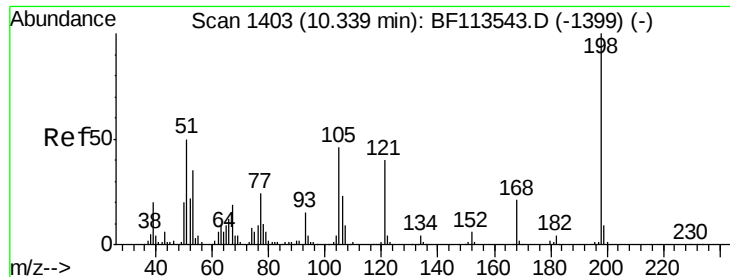
Ion	Ratio	Lower	Upper
188	100		
94	11.7	7.2	10.8#
80	11.5	7.4	11.2#



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: 910.861 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

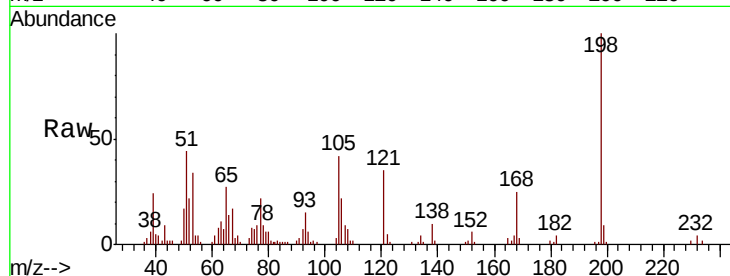
ClientSampleId :

Tot Ion:198 Resp: 41038

Ion	Ratio	Lower	Upper
198	100		
51	44.5	19.0	59.0
105	41.9	18.8	58.8

51 44.5 19.0 59.0

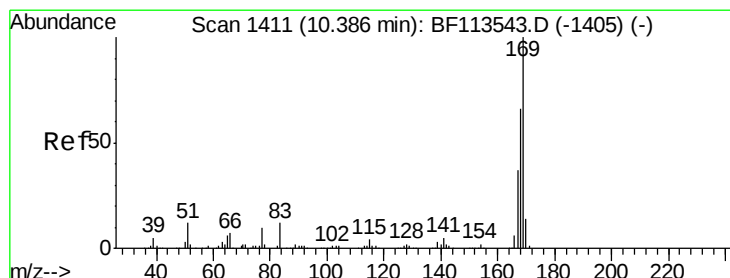
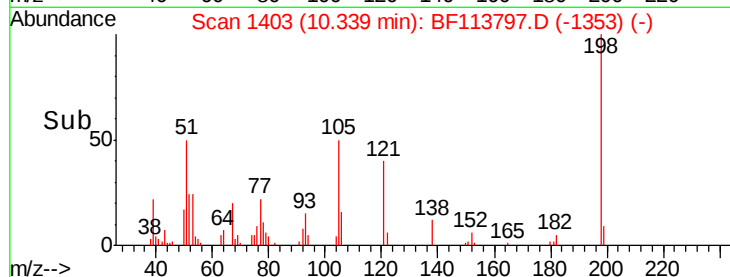
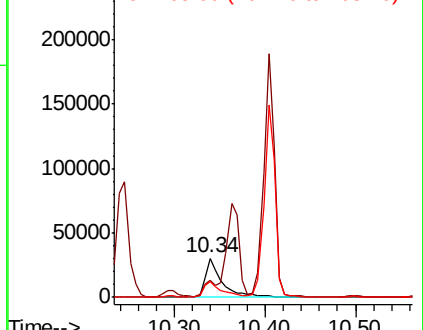
105 41.9 18.8 58.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 1955.371 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

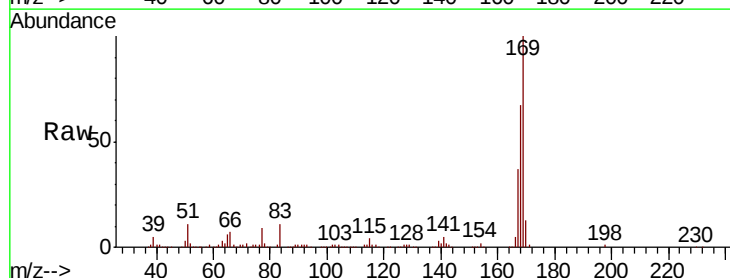
Tgt Ion:169 Resp: 513726

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.3	79.9
167	36.8	29.2	43.8

169 100

168 67.0 53.3 79.9

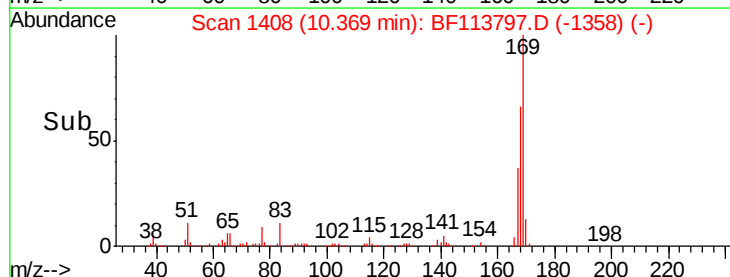
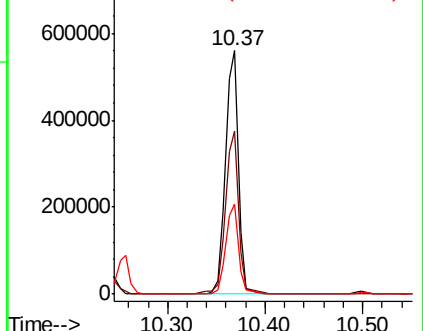
167 36.8 29.2 43.8

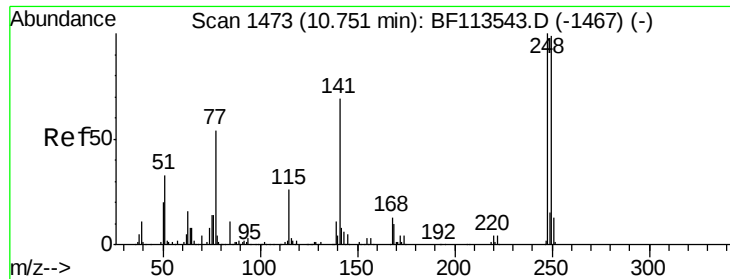


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

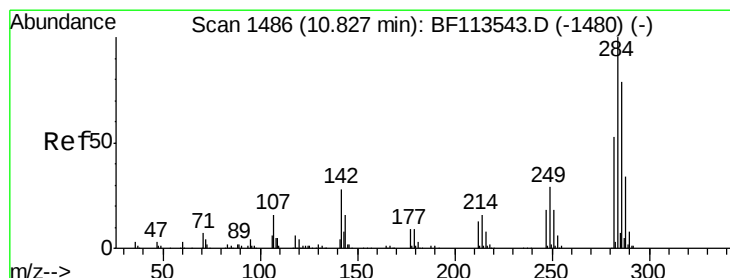
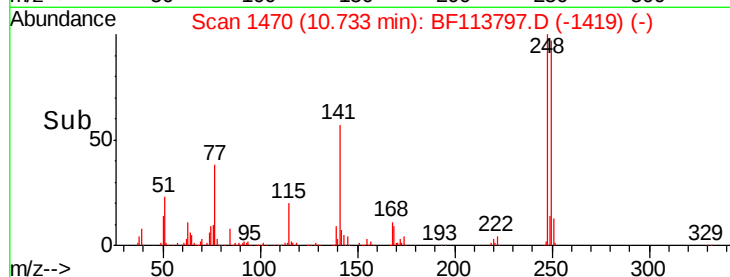
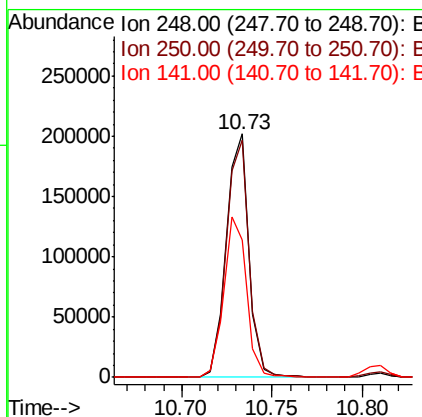
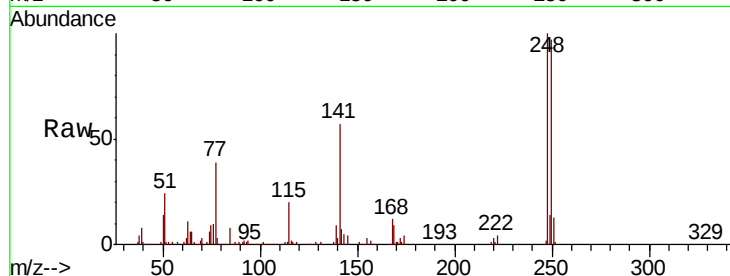




#67
4-Bromophenyl-phenylether
Concen: 1844.480 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

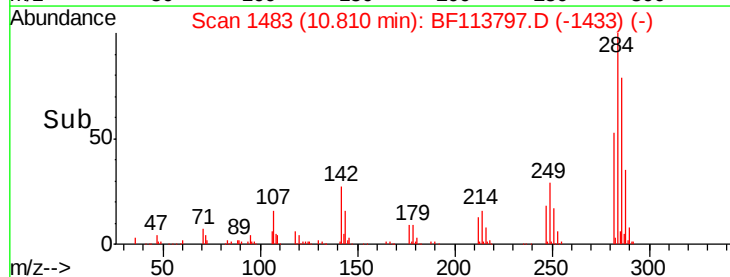
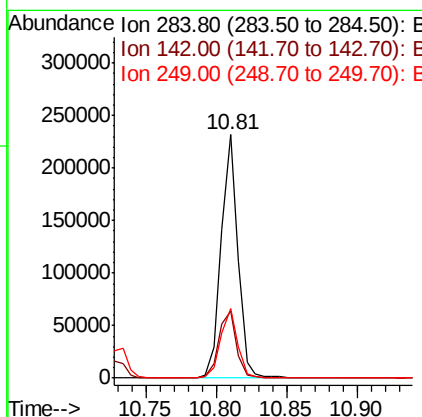
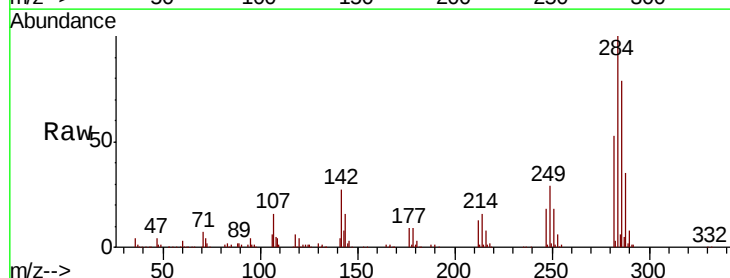
Instrument :
BNA_F
ClientSampleId :

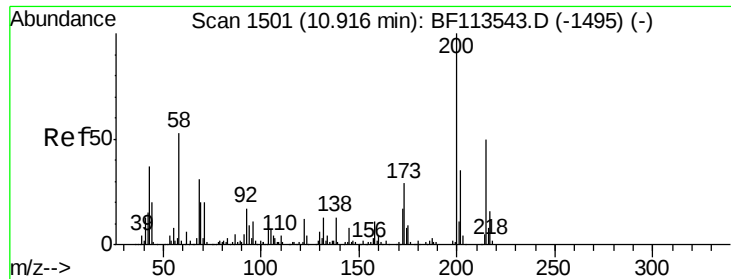
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	56.6	55.3	82.9



#68
Hexachlorobenzene
Concen: 1744.308 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	20.2	30.4
249	28.8	22.3	33.5

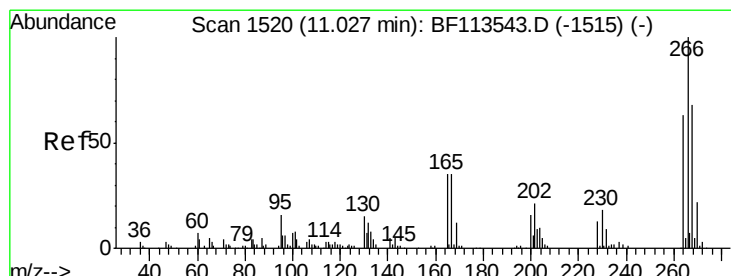
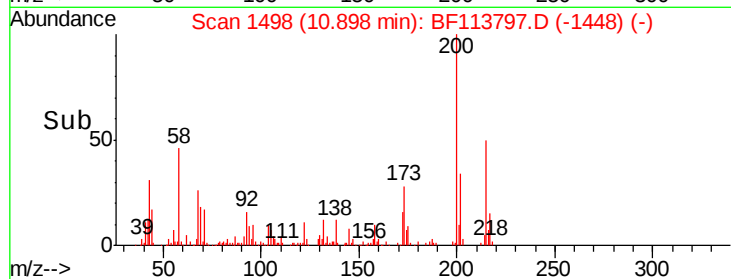
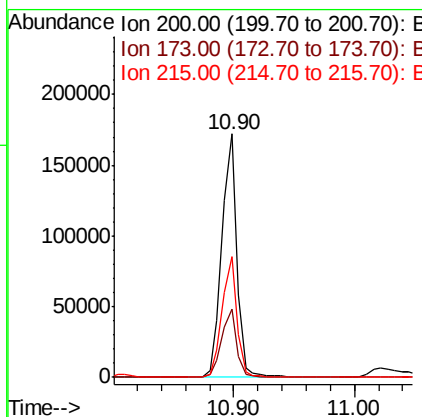
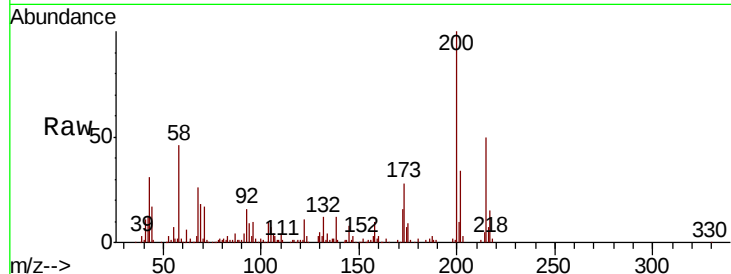




#69
Atrazine
Concen: 1786.412 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

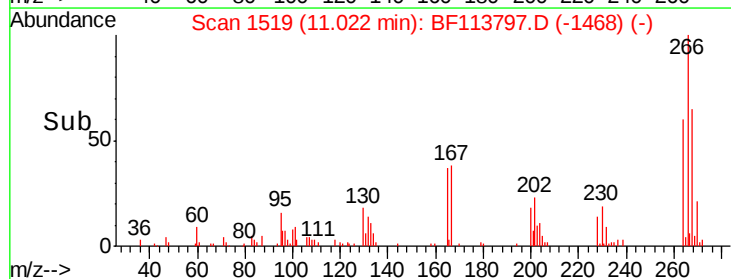
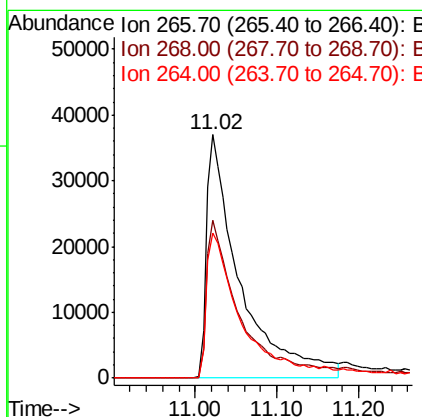
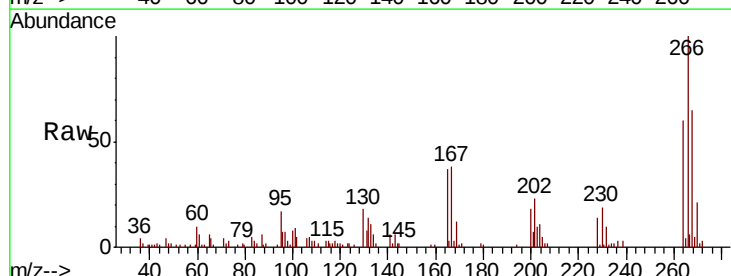
Instrument :
BNA_F
ClientSampleId :

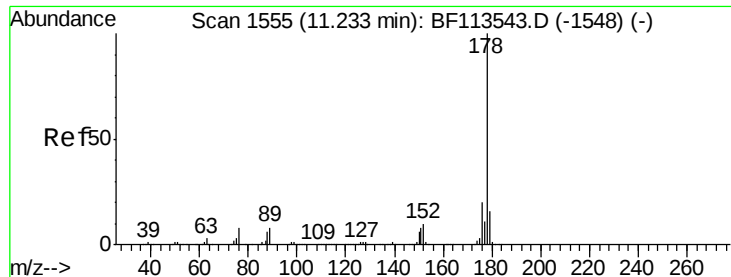
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.4	48.4
215	49.7	28.7	68.7



#70
Pentachlorophenol
Concen: 2026.700 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	54.2	81.2
264	59.8	48.6	73.0

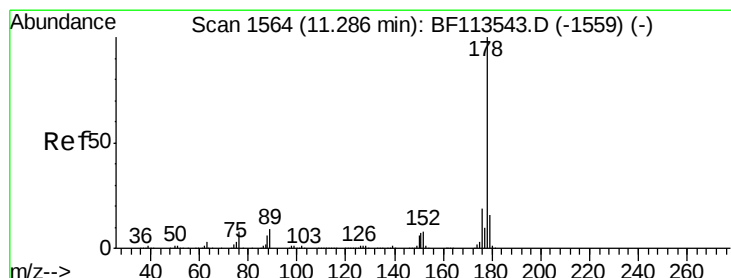
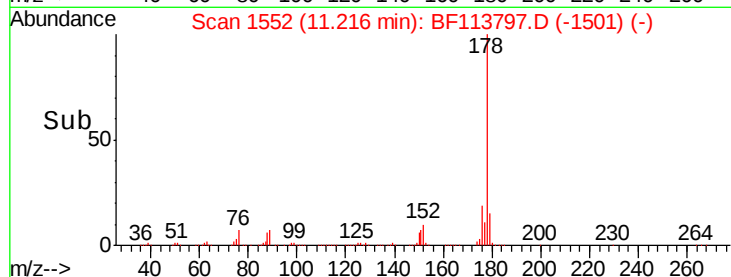
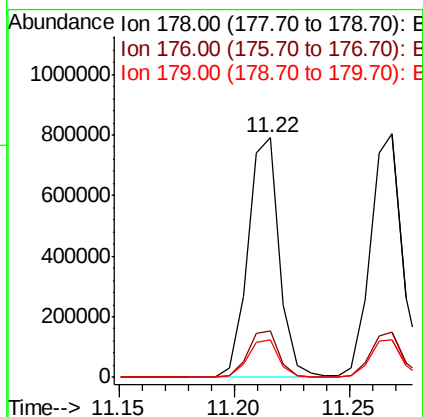
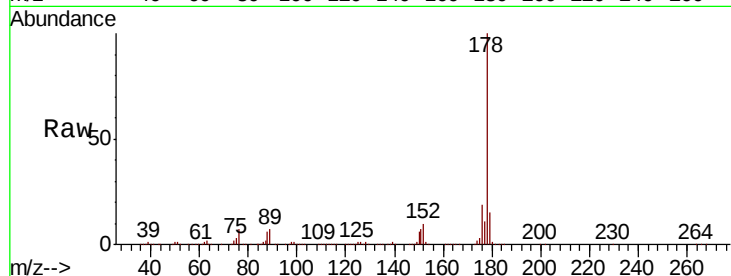




#71
Phenanthrene
Concen: 1772.296 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

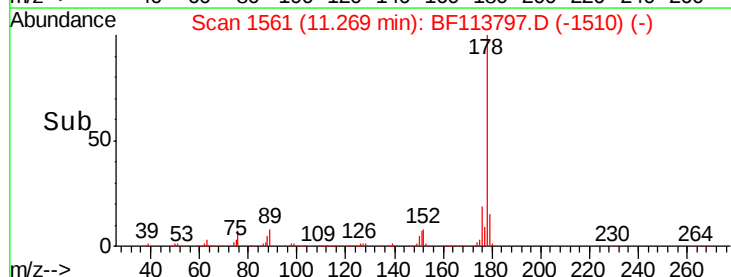
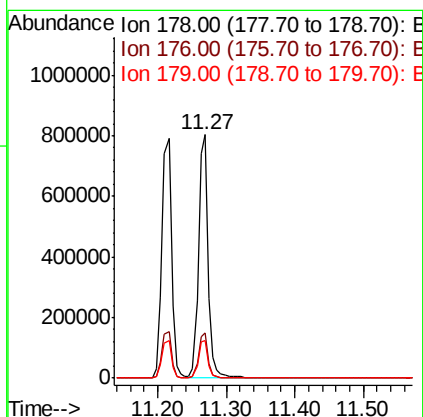
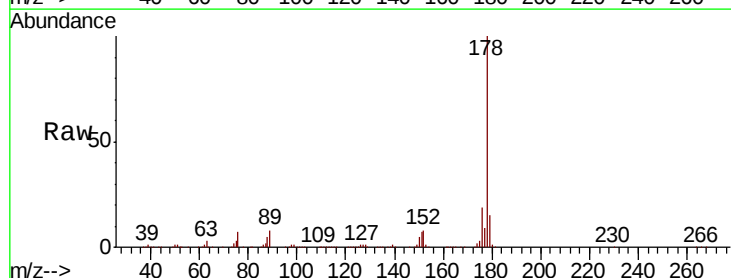
Instrument :
BNA_F
ClientSampled :

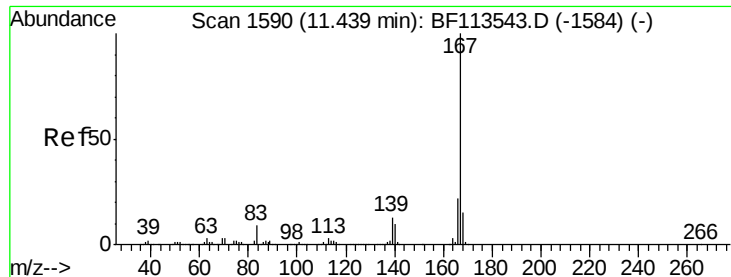
Tot Ion:178 Resp: 753674
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.5 12.9 19.3



#72
Anthracene
Concen: 1839.349 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:178 Resp: 795817
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.3 12.7 19.1





#73

Carbazole

Concen: 1765.817 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

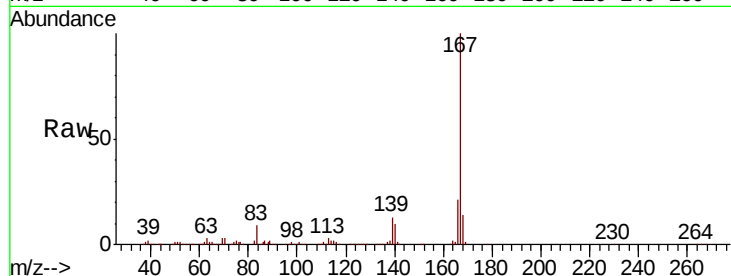
Tot Ion:167 Resp: 714561

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

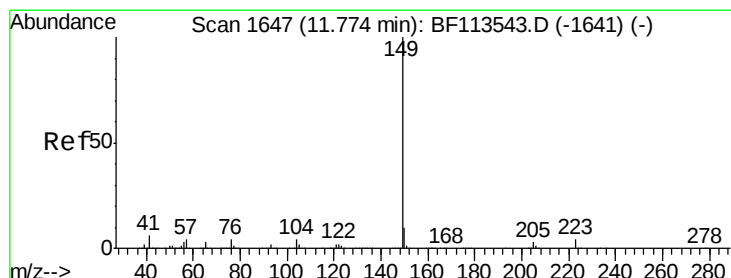
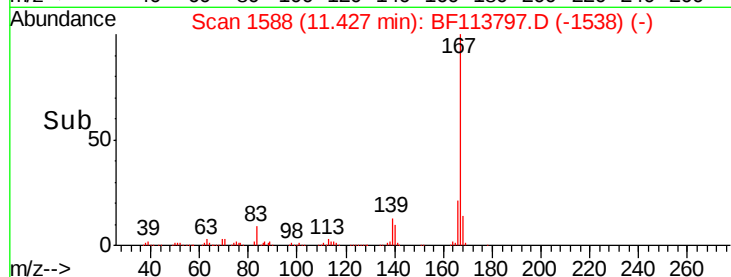
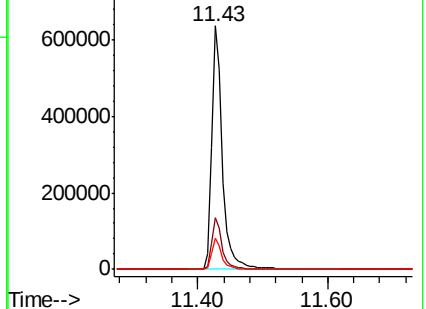
139 12.7 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 1776.580 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

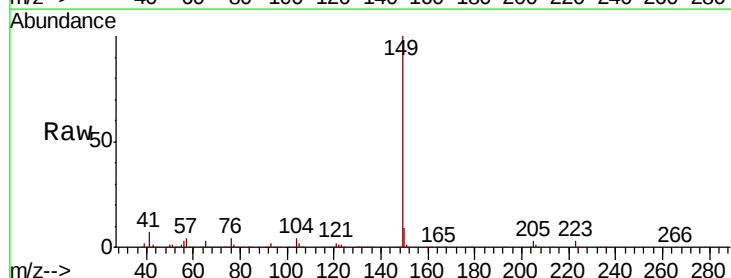
Tgt Ion:149 Resp: 855210

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

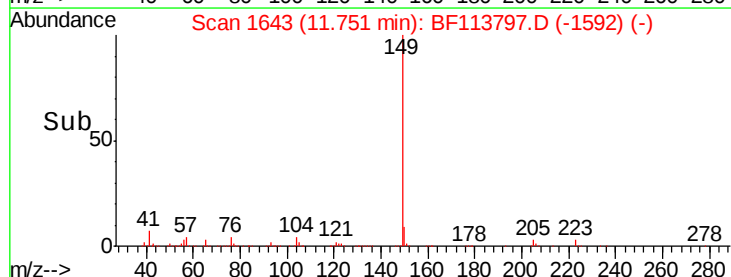
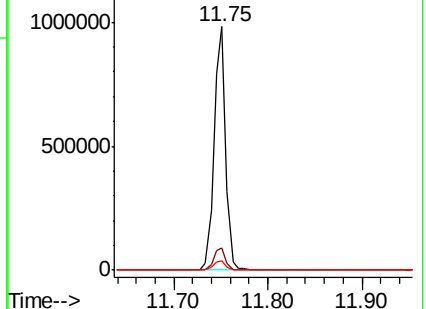
104 4.1 3.6 5.4

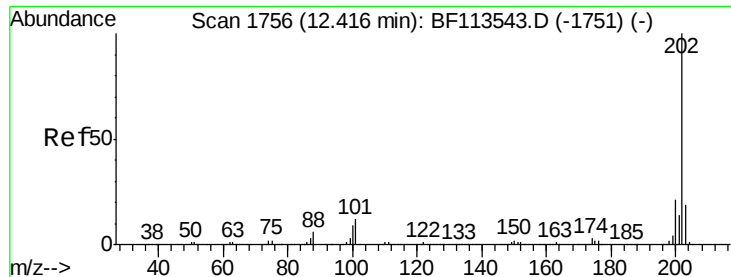


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 1719.745 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

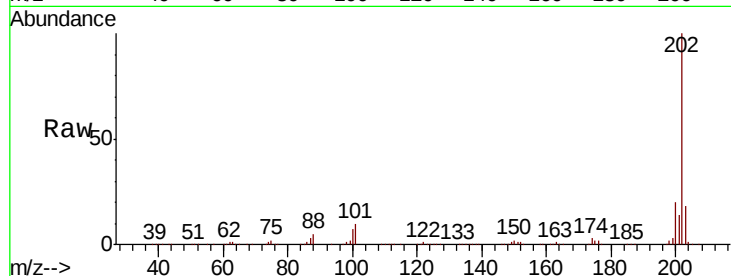
Tot Ion:202 Resp: 783671

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.8

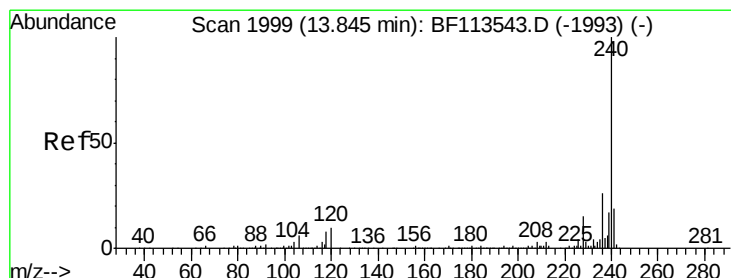
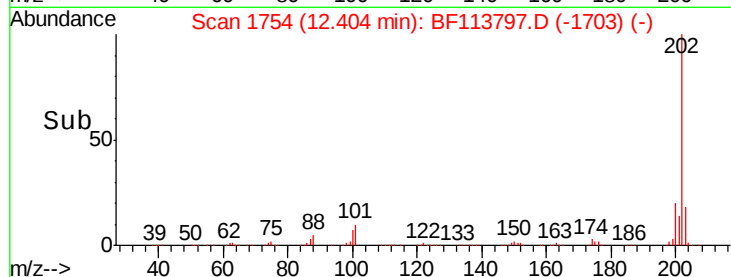
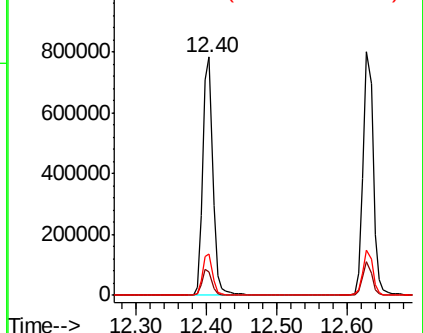
203 17.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

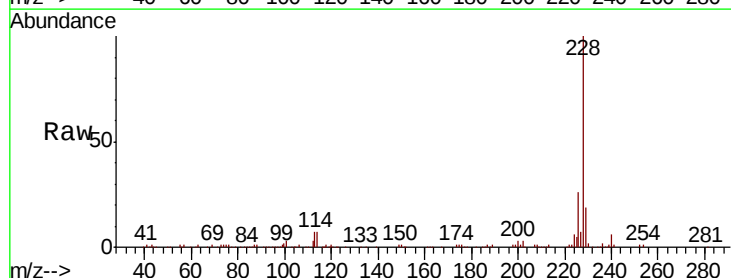
Tgt Ion:240 Resp: 7316

Ion Ratio Lower Upper

240 100

120 14.9 8.5 12.7#

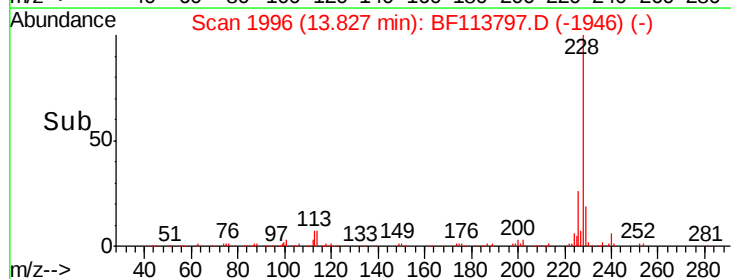
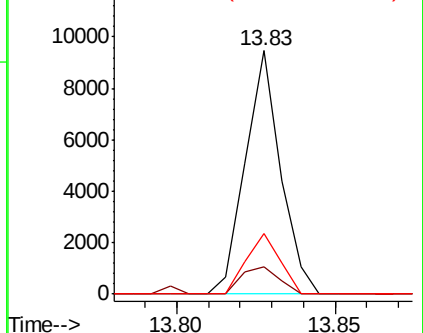
236 25.1 21.0 31.6

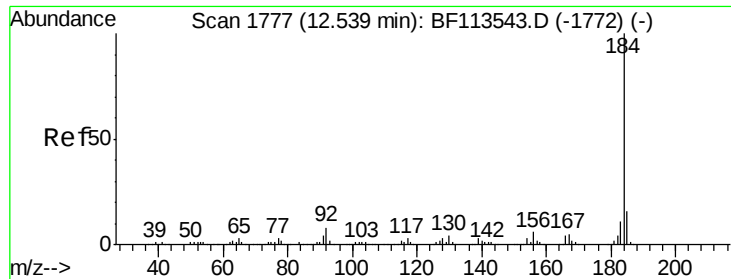


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 498.110 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

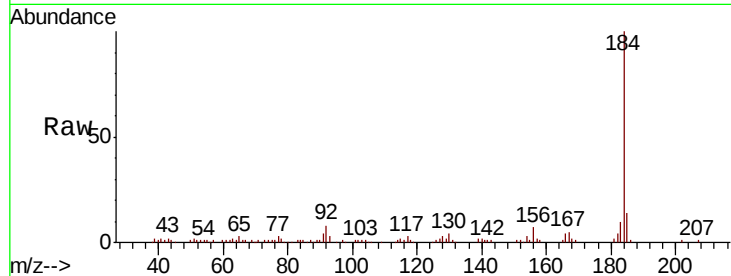
Tot Ion:184 Resp: 135515

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

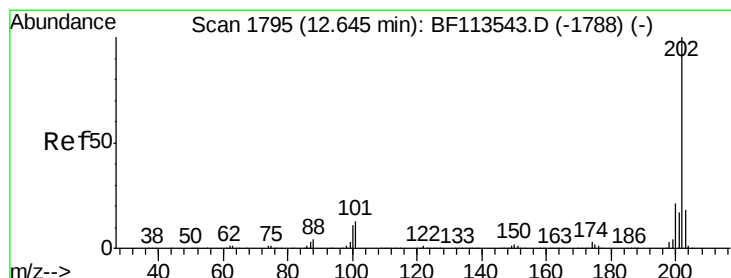
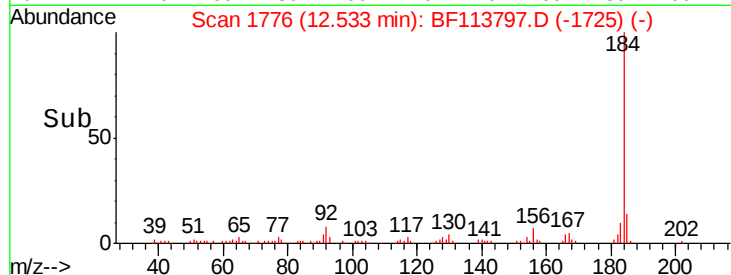
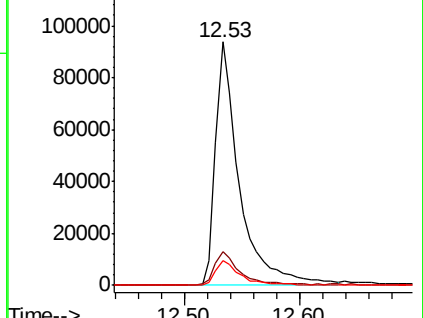
183 10.2 8.8 13.2



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: 1434.157 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

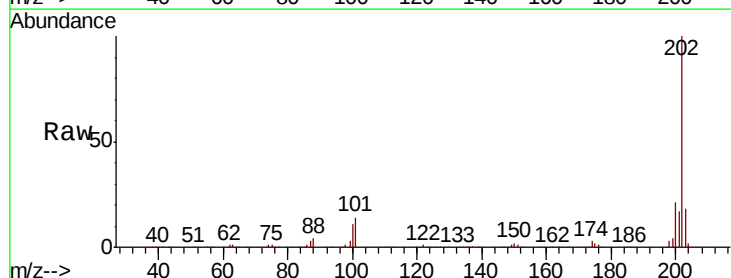
Tgt Ion:202 Resp: 798347

Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

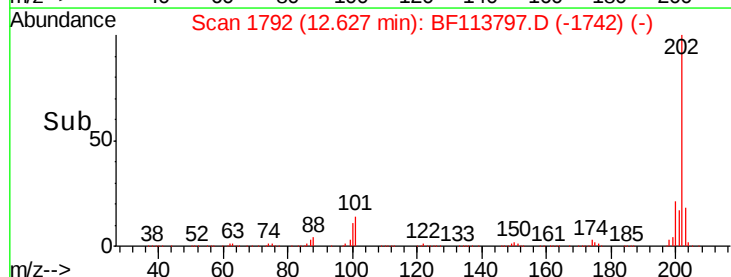
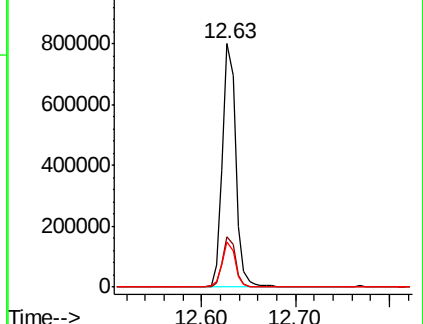
203 18.4 14.7 22.1



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: 2834.091 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampled :

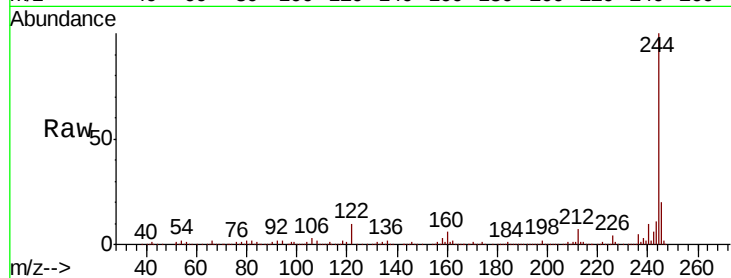
Tot Ion:244 Resp: 1018372

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

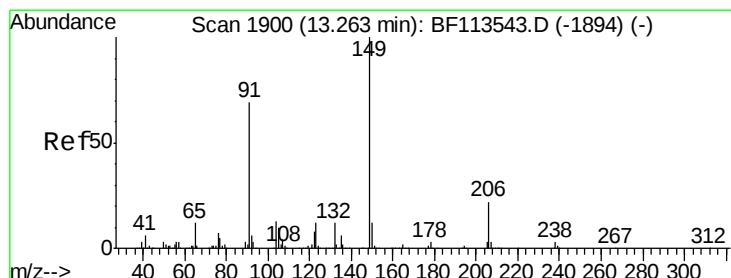
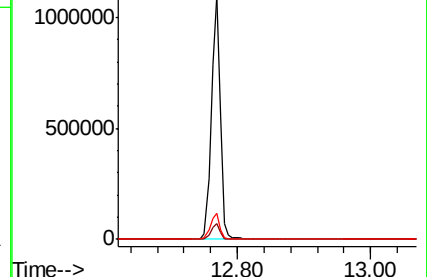
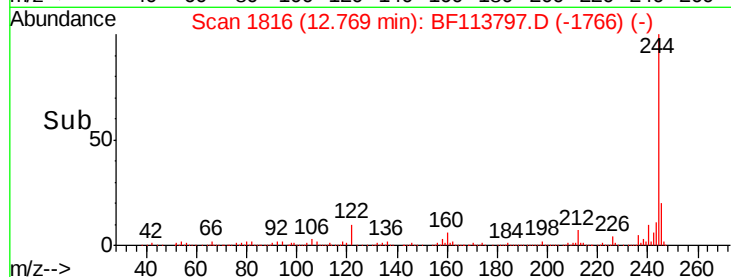
122 10.4 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 1532.044 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

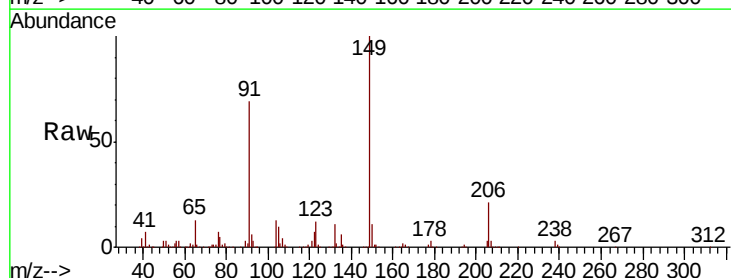
Tgt Ion:149 Resp: 347156

Ion Ratio Lower Upper

149 100

91 69.0 51.8 77.6

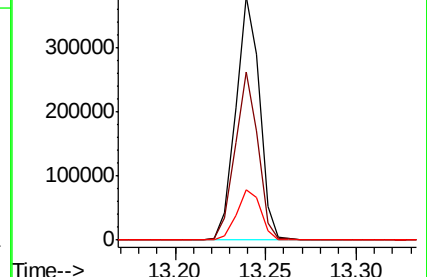
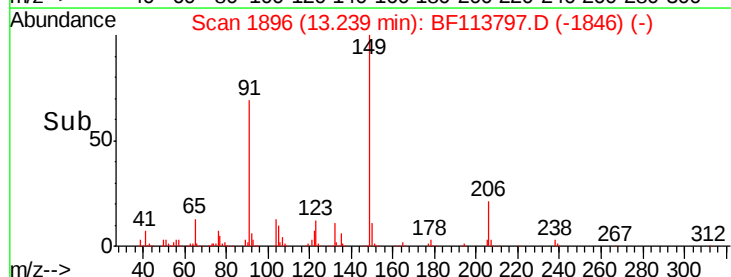
206 20.7 17.3 25.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1783.864 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113797.D

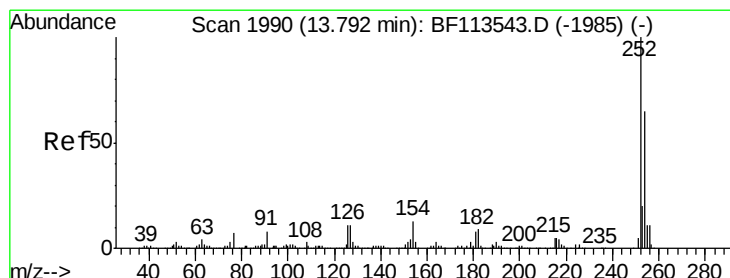
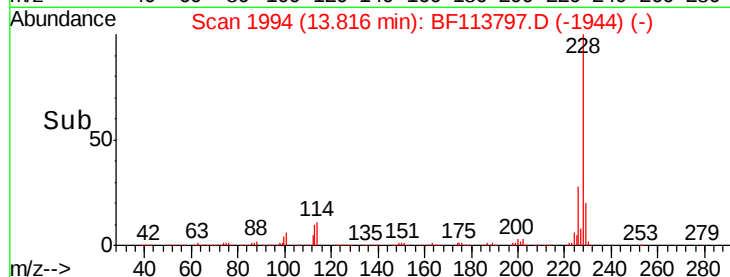
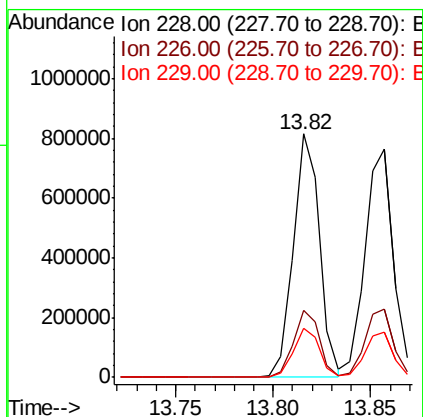
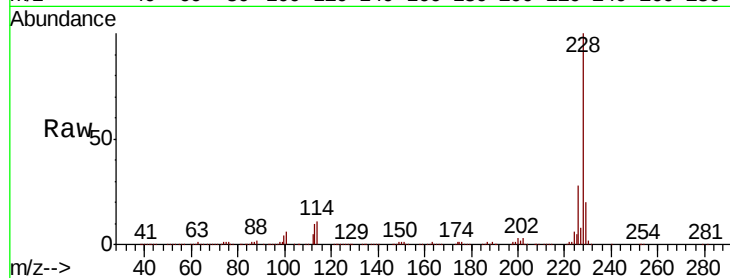
Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:	228	Resp:	752838
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.1	16.4	24.6



#82

3,3'-Dichlorobenzidine

Concen: 562.945 ng

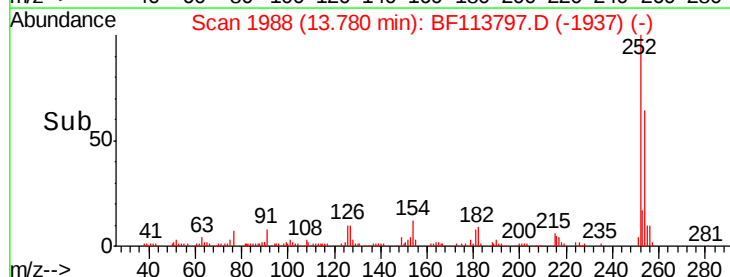
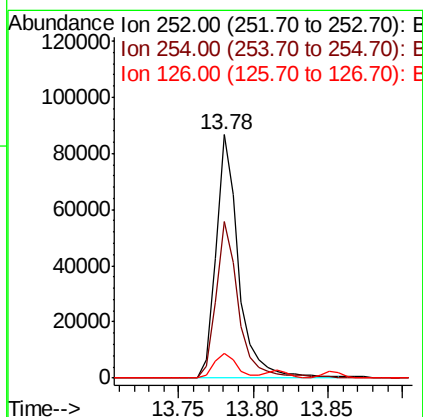
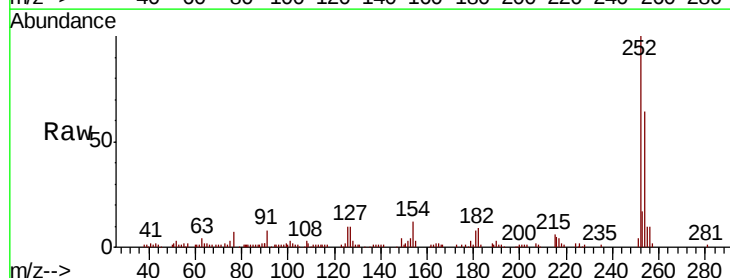
RT: 13.78 min Scan# 1988

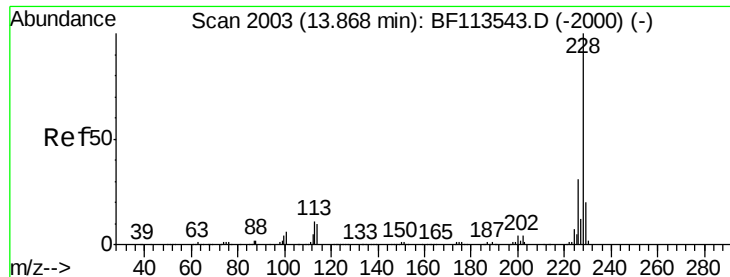
Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	252	Resp:	91507
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.2	76.8
126	10.3	8.7	13.1

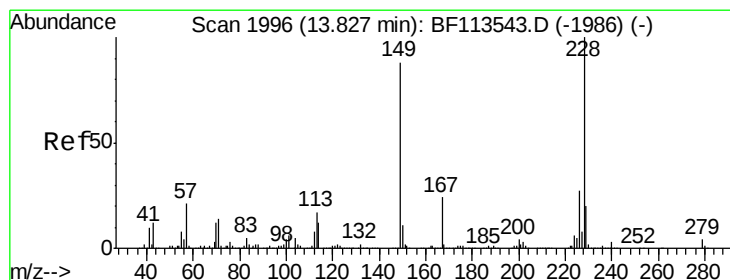
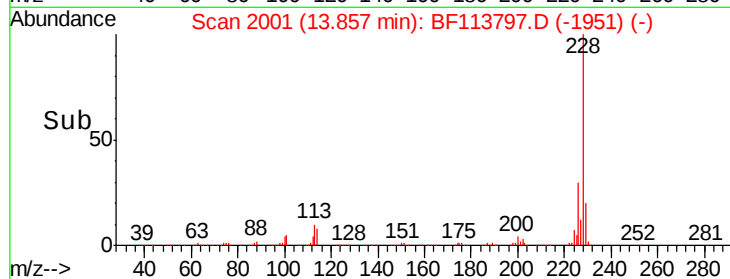
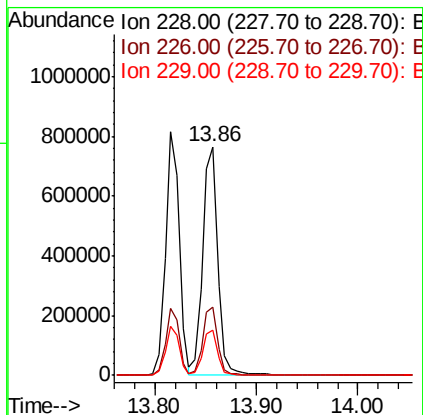
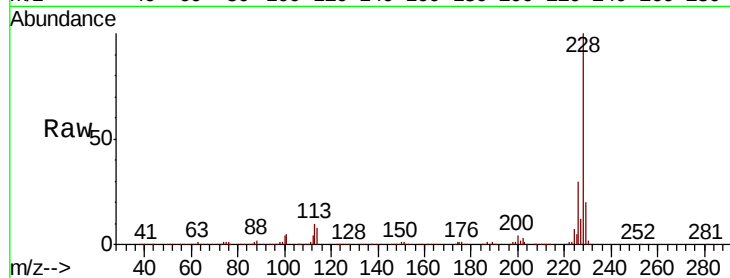




#83
Chrysene
Concen: 1839.446 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

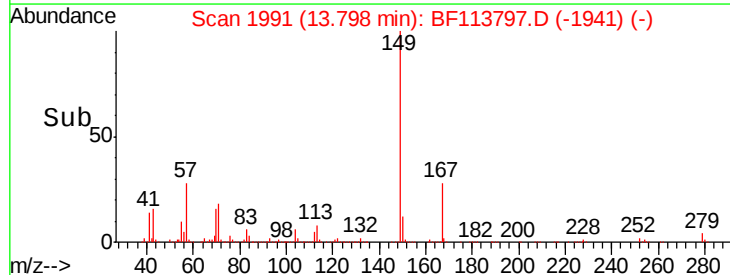
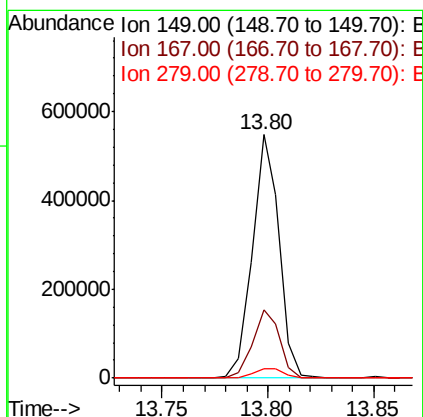
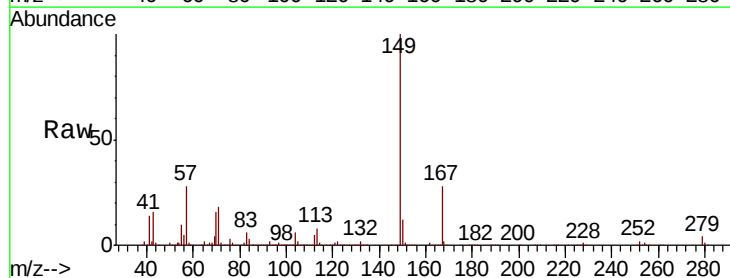
Instrument :
BNA_F
ClientSampleId :

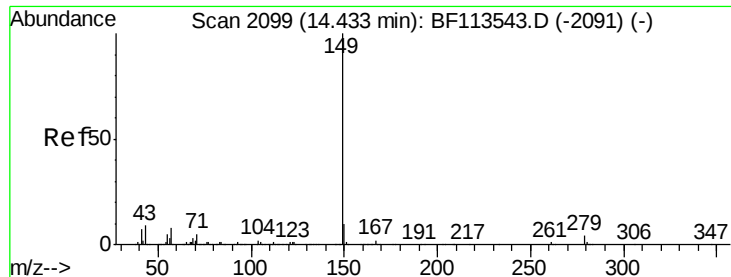
Tot Ion:228 Resp: 786944
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 19.5 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 1754.490 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:149 Resp: 480673
Ion Ratio Lower Upper
149 100
167 27.9 22.6 34.0
279 4.0 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 2008.100 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

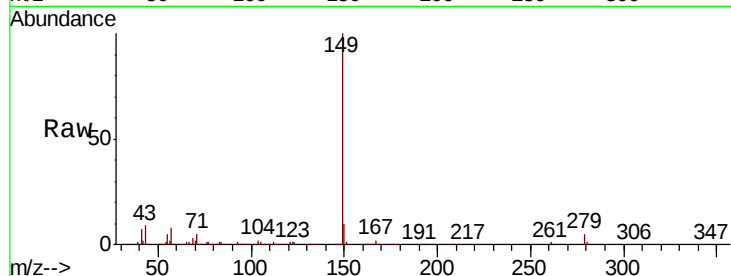
Tot Ion:149 Resp: 894268

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

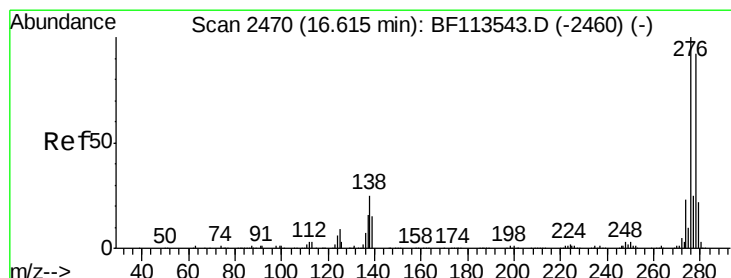
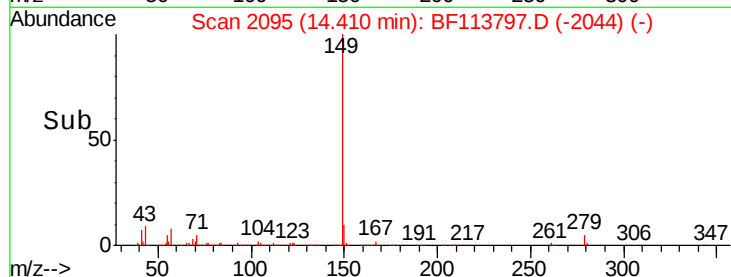
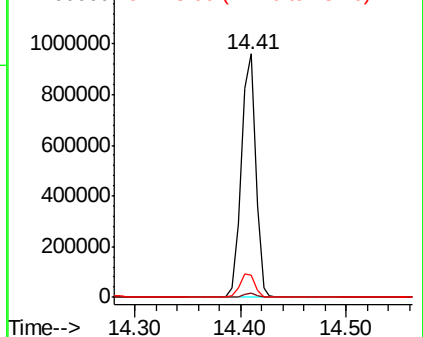
43 9.6 7.8 11.8



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: 2348.708 ng

RT: 16.62 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

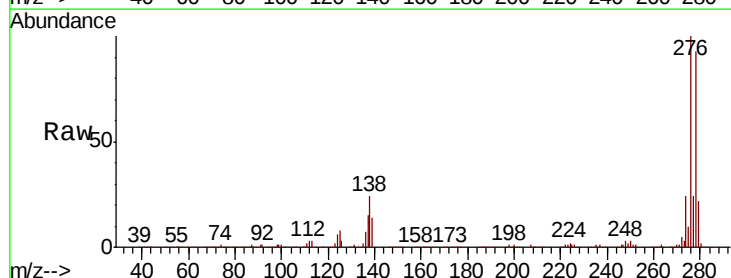
Tgt Ion:276 Resp: 927729

Ion Ratio Lower Upper

276 100

138 23.6 18.4 27.6

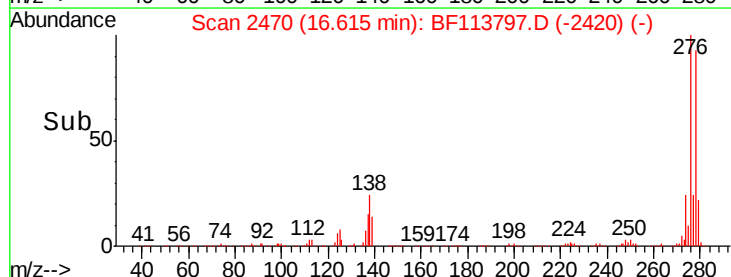
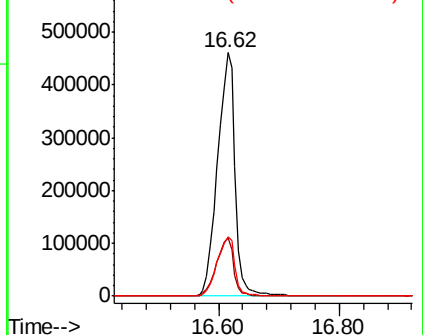
277 24.8 20.1 30.1

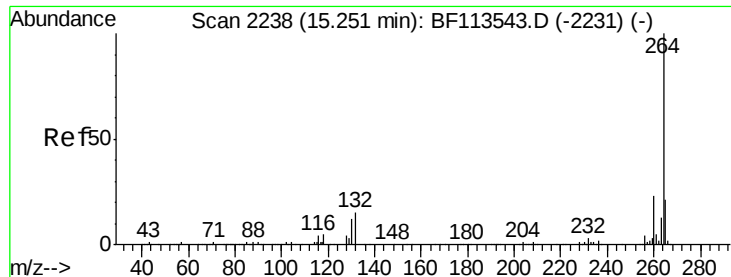


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

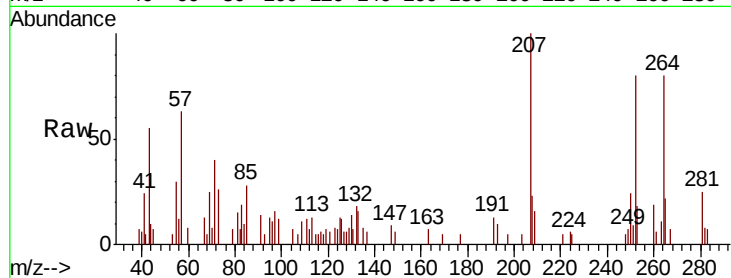
Tot Ion:264 Resp: 8941

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

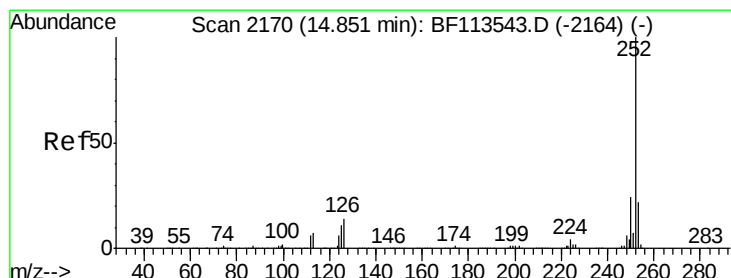
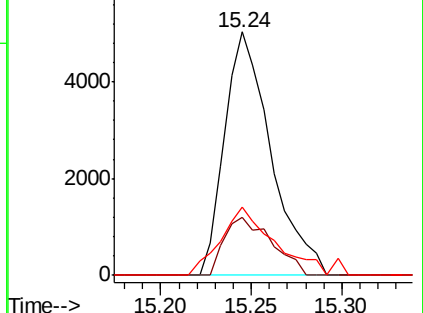
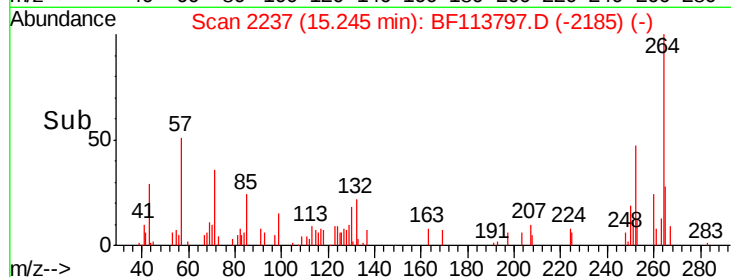
265 28.0 17.4 26.0#



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: 1660.813 ng

RT: 14.84 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

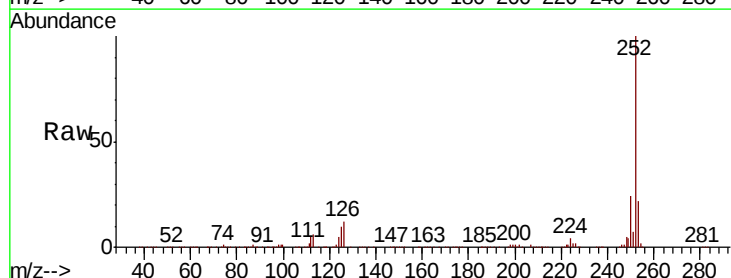
Tgt Ion:252 Resp: 908963

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

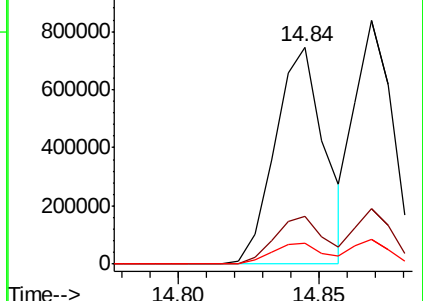
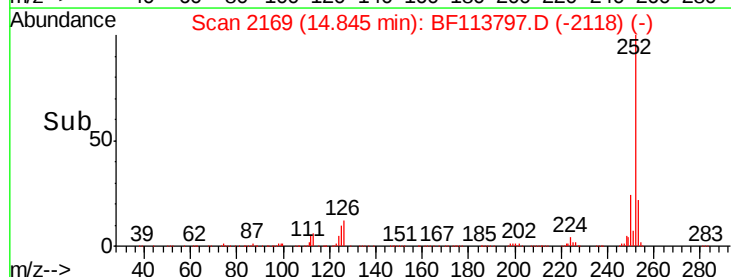
125 9.7 8.3 12.5

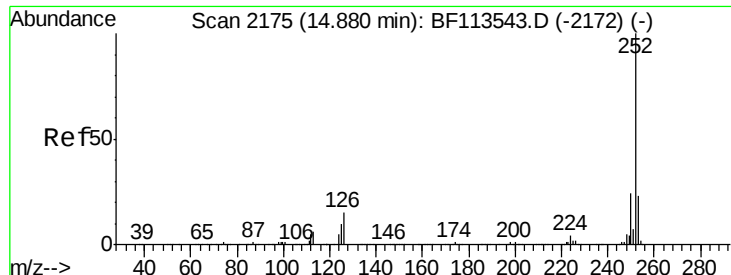


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

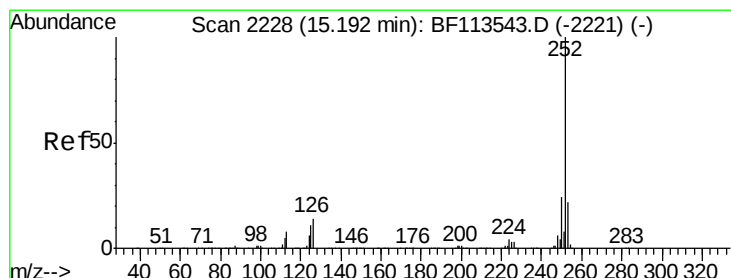
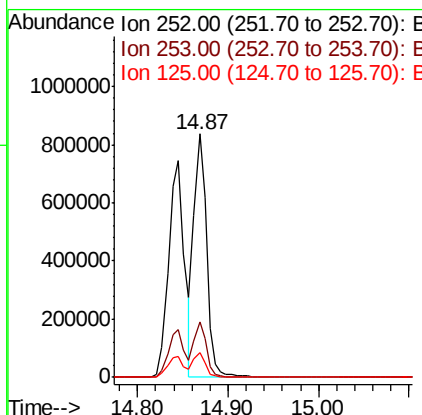
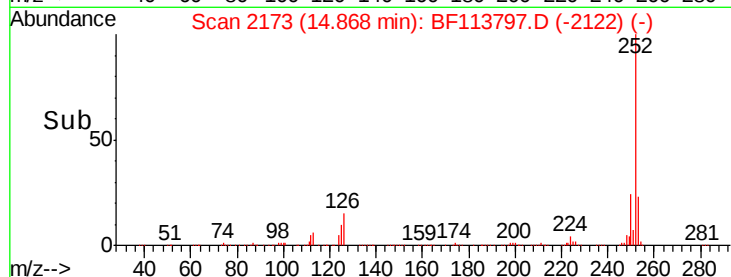
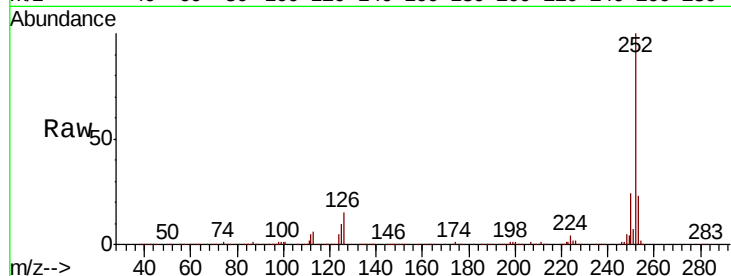




#89
Benzo(k)fluoranthene
Concen: 1650.070 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

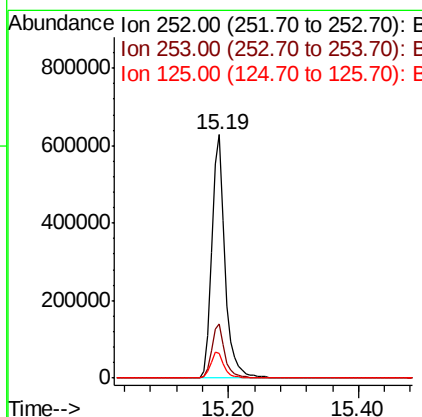
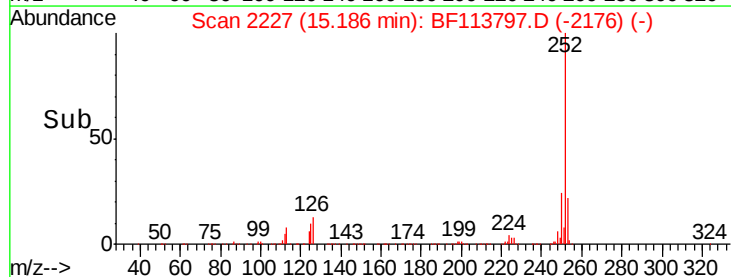
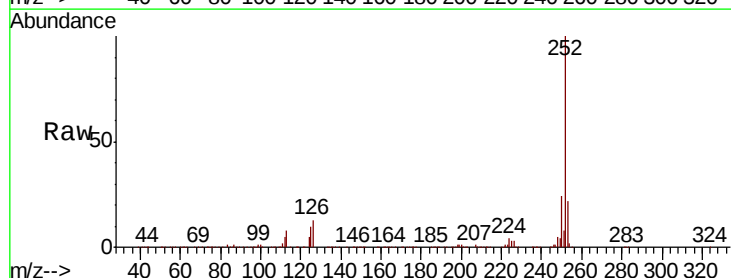
Instrument :
BNA_F
ClientSampled :

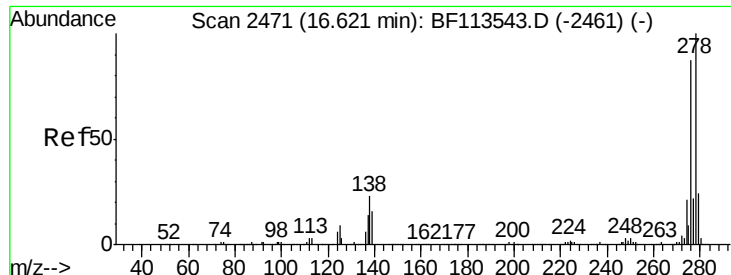
Tot Ion:252 Resp: 810496
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.9 8.7 13.1



#90
Benzo(a)pyrene
Concen: 1802.362 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:252 Resp: 876544
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.1 8.5 12.7

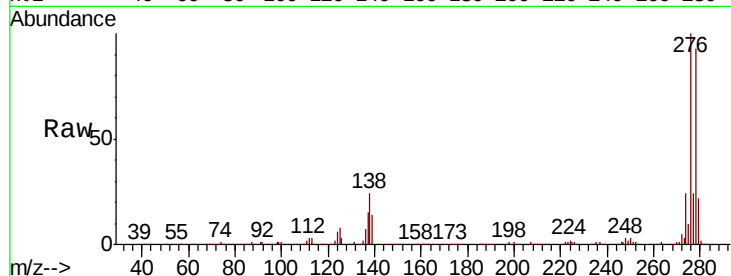




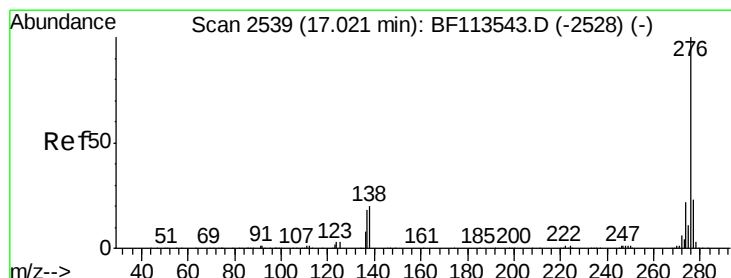
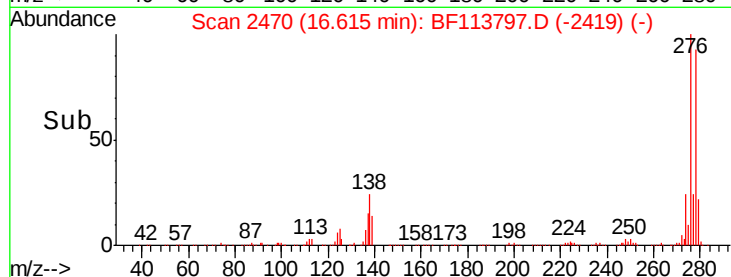
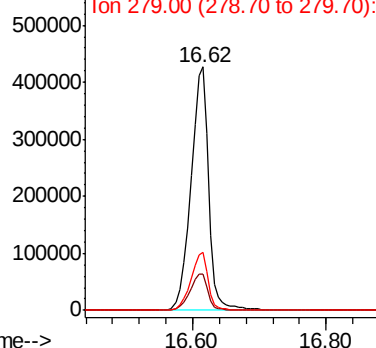
#91
Dibenzo(a,h)anthracene
Concen: 1763.079 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 801835
Ion Ratio Lower Upper
278 100
139 14.7 12.6 19.0
279 23.6 18.8 28.2

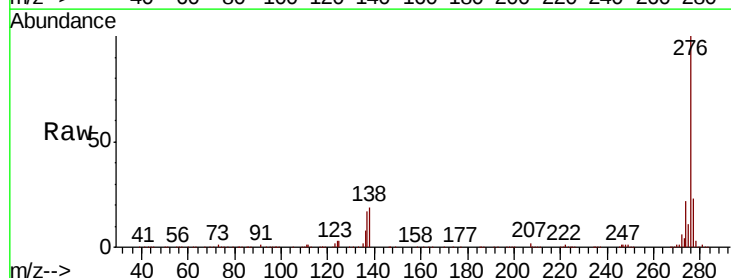


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 1632.879 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:276 Resp: 757985
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 19.3 16.0 24.0



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

