

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115705.D
 Acq On : 22 Jul 2019 13:19
 Operator : HP/JU
 Sample : PB121540BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:14:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179506	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742474	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	379677	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	726381	20.00	ng	0.00
76) Chrysene-d12	14.04	240	517044	20.00	ng	0.00
87) Perylene-d12	15.52	264	378642	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1226596	111.77	ng	0.01
7) Phenol-d6	6.52	99	1586934	113.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	1002727	78.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	481818	108.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1808321	83.36	ng	-0.01
79) Terphenyl-d14	12.99	244	2017358	71.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	202093	36.918	ng	97
3) Pyridine	3.50	79	455429	30.665	ng	96
4) n-Nitrosodimethylamine	3.45	42	209514	38.886	ng	90
6) Aniline	6.54	93	484200	24.986	ng	98
8) 2-Chlorophenol	6.67	128	496449	39.347	ng	99
9) Benzaldehyde	6.43	77	205657	23.634	ng	99
10) Phenol	6.53	94	622378	38.502	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	478711	38.897	ng	98
12) 1,3-Dichlorobenzene	6.82	146	514533	36.271	ng	98
13) 1,4-Dichlorobenzene	6.90	146	521394	36.837	ng	97
14) 1,2-Dichlorobenzene	7.05	146	489705	37.848	ng	97
15) Benzyl Alcohol	7.02	79	408641	36.993	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	639825	39.488	ng	99
17) 2-Methylphenol	7.13	107	447032	41.112	ng	98
18) Hexachloroethane	7.39	117	191392	36.431	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	342965	37.764	ng	96
20) 3+4-Methylphenols	7.29	107	502184	38.882	ng	# 89
22) Acetophenone	7.29	105	678955	40.478	ng	# 99
24) Nitrobenzene	7.46	77	549880	39.926	ng	99
25) Isophorone	7.70	82	1004891	39.329	ng	98
26) 2-Nitrophenol	7.77	139	279914	39.486	ng	97
27) 2,4-Dimethylphenol	7.82	122	466228	43.956	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	614558	39.206	ng	100
29) 2,4-Dichlorophenol	8.02	162	439007	39.798	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	477651	38.307	ng	99
31) Naphthalene	8.19	128	1446053	40.215	ng	97
32) Benzoic acid	7.95	122	318495	36.589	ng	98
33) 4-Chloroaniline	8.23	127	389237	24.438	ng	98
34) Hexachlorobutadiene	8.30	225	267222	37.371	ng	98
35) Caprolactam	8.60	113	84825	24.885	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	464188	40.567	ng	99
37) 2-Methylnaphthalene	8.87	142	979895	41.111	ng	97
38) 1-Methylnaphthalene	8.97	142	916445	40.479	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	448711	39.246	ng	98

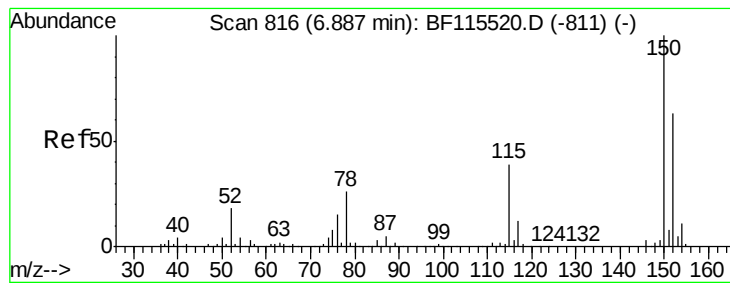
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115705.D
 Acq On : 22 Jul 2019 13:19
 Operator : HP/JU
 Sample : PB121540BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:14:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	302131	46.324	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	302097	36.131	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	333462	38.943	ng	98
46) 1,1'-Biphenyl	9.34	154	1188942	40.055	ng	98
47) 2-Chloronaphthalene	9.37	162	945130	38.240	ng	95
48) 2-Nitroaniline	9.46	65	289314	37.820	ng	99
49) Acenaphthylene	9.78	152	1412285	38.564	ng	98
50) Dimethylphthalate	9.64	163	1094115	38.302	ng	99
51) 2,6-Dinitrotoluene	9.70	165	251478	38.738	ng	96
52) Acenaphthene	9.96	154	859465	36.350	ng	98
53) 3-Nitroaniline	9.87	138	203067	27.373	ng	98
54) 2,4-Dinitrophenol	9.98	184	242415	72.732	ng	99
55) Dibenzofuran	10.13	168	1287011	38.330	ng	99
56) 4-Nitrophenol	10.03	139	404310	71.471	ng	96
57) 2,4-Dinitrotoluene	10.10	165	338137	40.205	ng	97
58) Fluorene	10.47	166	970025	40.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283524	39.610	ng	99
60) Diethylphthalate	10.34	149	1057115	39.496	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	495902	37.254	ng	98
62) 4-Nitroaniline	10.49	138	259594	36.481	ng	99
63) Azobenzene	10.62	77	1073395	41.347	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	161919	36.485	ng	92
66) n-Nitrosodiphenylamine	10.57	169	887280	39.269	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	313996	37.827	ng	97
68) Hexachlorobenzene	11.02	284	348168	36.728	ng	# 91
69) Atrazine	11.10	200	244858	33.033	ng	98
70) Pentachlorophenol	11.22	266	396517	68.390	ng	99
71) Phenanthrene	11.43	178	1454460	39.063	ng	98
72) Anthracene	11.48	178	1488717	38.689	ng	99
73) Carbazole	11.63	167	1320100	39.121	ng	100
74) Di-n-butylphthalate	11.96	149	1657744	39.884	ng	99
75) Fluoranthene	12.62	202	1545828	39.288	ng	99
77) Benzidine	12.73	184	301981	16.487	ng	99
78) Pyrene	12.85	202	1570267	35.846	ng	98
80) Butylbenzylphthalate	13.46	149	719025	38.504	ng	94
81) Benzo(a)anthracene	14.03	228	1305156	38.316	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	399037	32.953	ng	97
83) Chrysene	14.07	228	1303214	38.112	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	997252	43.113	ng	100
85) Di-n-octyl phthalate	14.63	149	1615975	43.907	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1113389	38.325	ng	99
88) Benzo(b)fluoranthene	15.09	252	1230828	50.482	ng	98
89) Benzo(k)fluoranthene	15.12	252	1130919	52.026	ng	98
90) Benzo(a)pyrene	15.46	252	1073544	51.229	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	940005	51.096	ng	100
92) Benzo(g,h,i)perylene	17.46	276	901782	49.150	ng	100

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

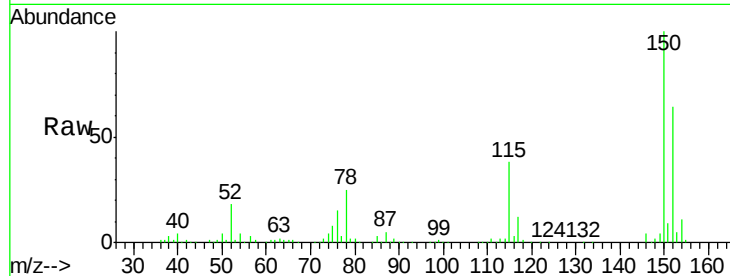


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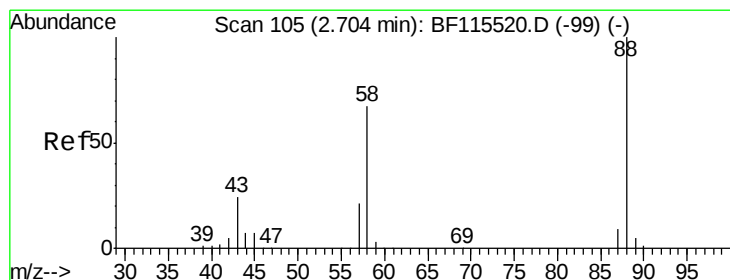
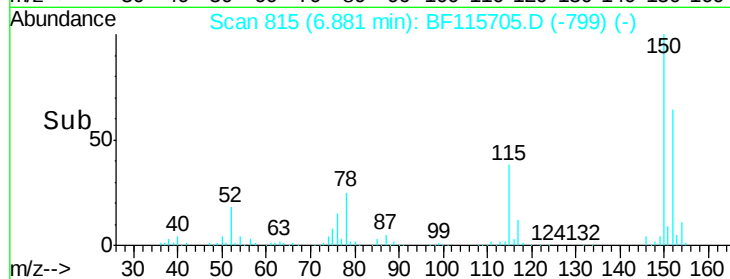
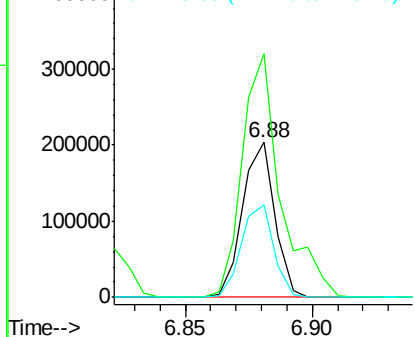
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179506
Ion Ratio Lower Upper
152 100
150 157.3 129.7 194.5
115 60.0 48.2 72.4



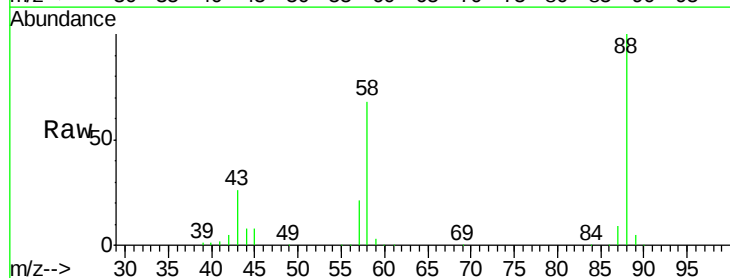
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



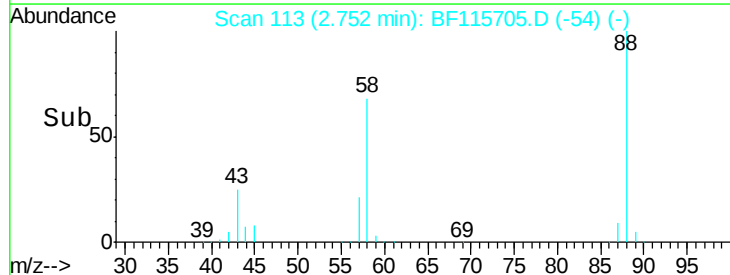
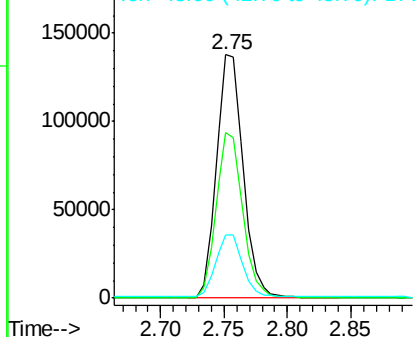
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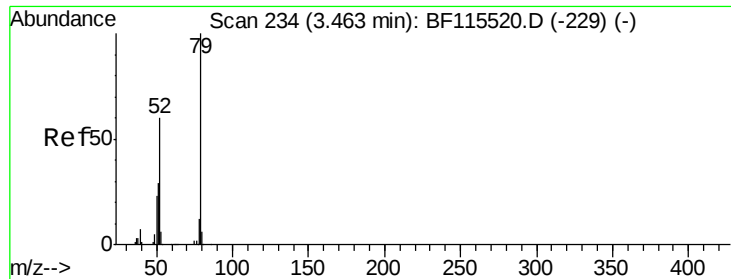
1,4-Dioxane
Concen: 36.918 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.05 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion: 88 Resp: 202093
Ion Ratio Lower Upper
88 100
58 68.2 52.6 79.0
43 25.7 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.665 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.04 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

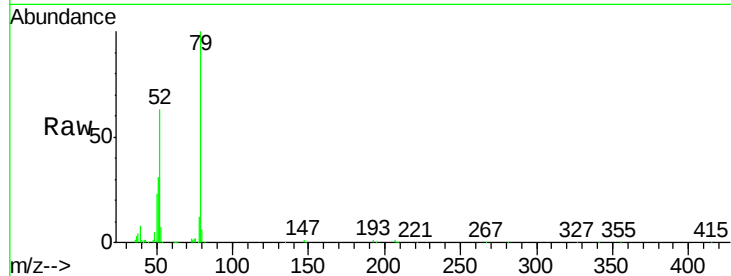
Tot Ion: 79 Resp: 455429

Ion Ratio Lower Upper

79 100

52 62.6 47.8 71.6

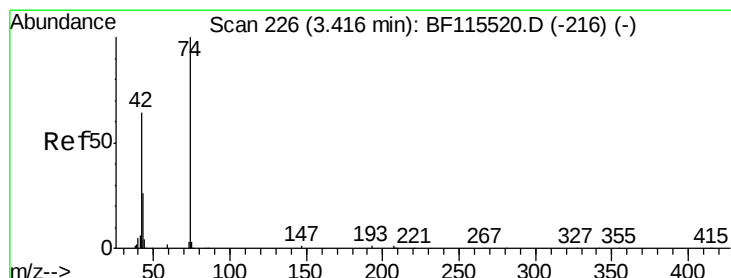
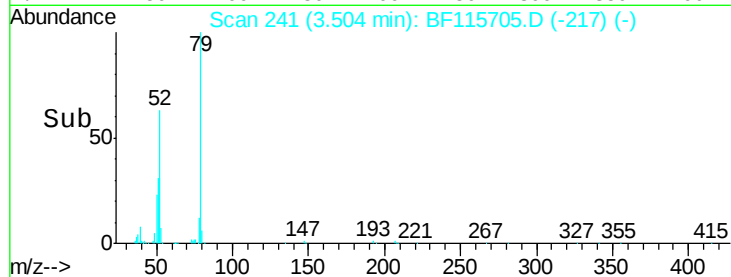
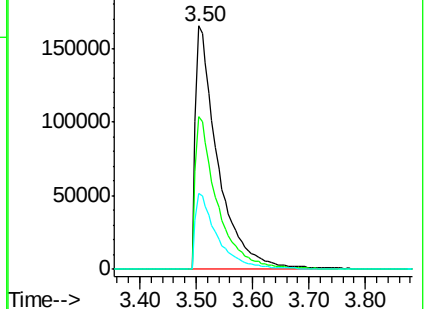
51 31.3 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.886 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

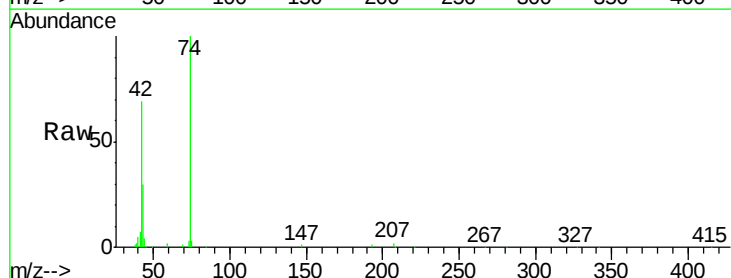
Tgt Ion: 42 Resp: 209514

Ion Ratio Lower Upper

42 100

74 145.6 127.5 191.3

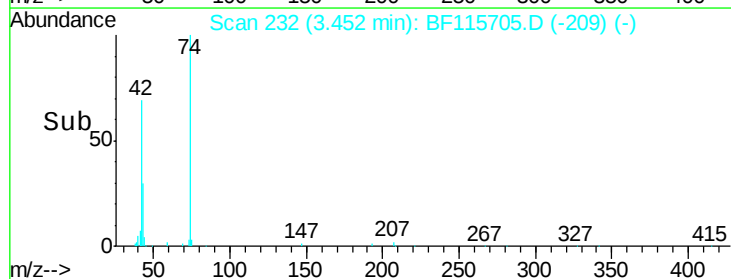
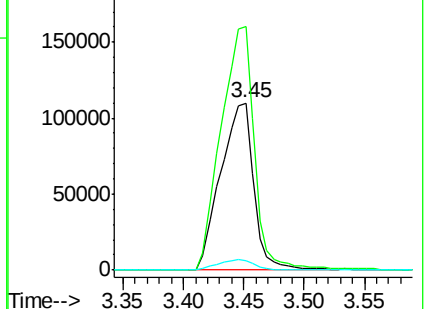
44 5.8 5.0 7.6

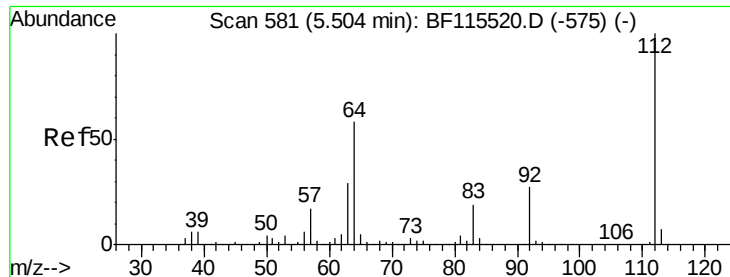


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.771 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

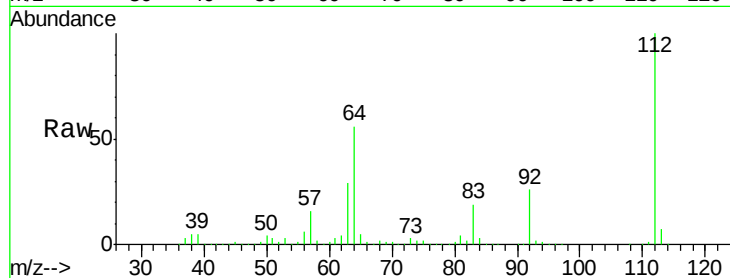
Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 1226596

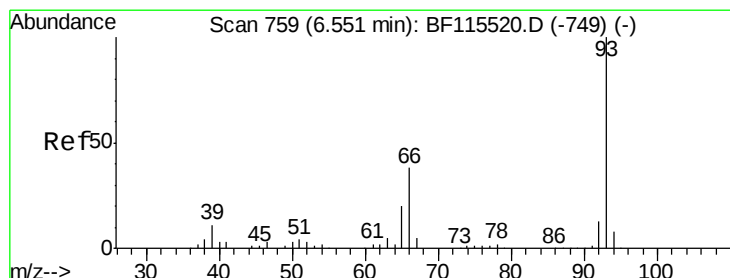
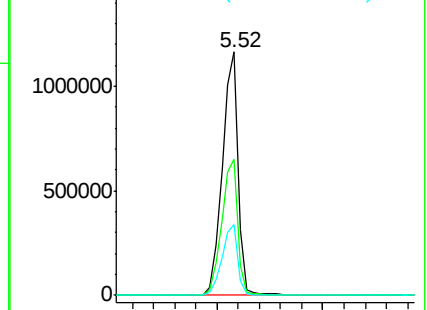
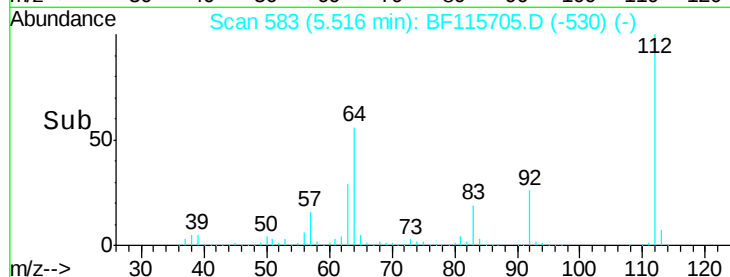
Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.8	70.2
63	29.0	24.1	36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.986 ng

RT: 6.54 min Scan# 757

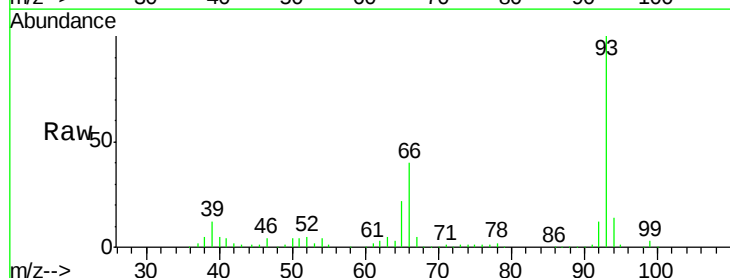
Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Tgt Ion: 93 Resp: 484200

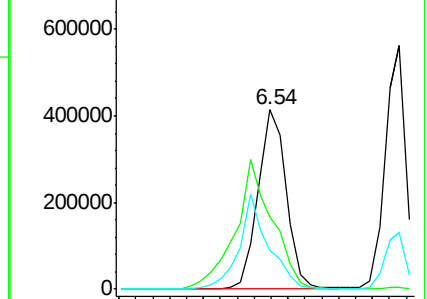
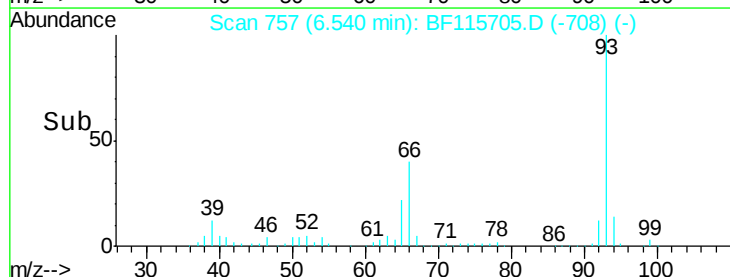
Ion	Ratio	Lower	Upper
93	100		
66	40.4	31.7	47.5
65	21.6	16.2	24.2

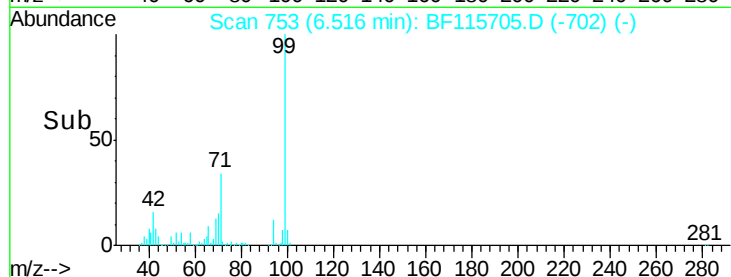
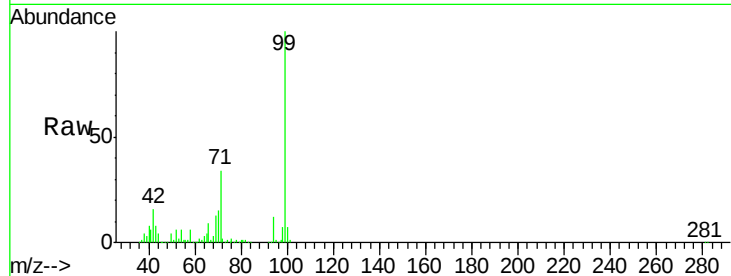
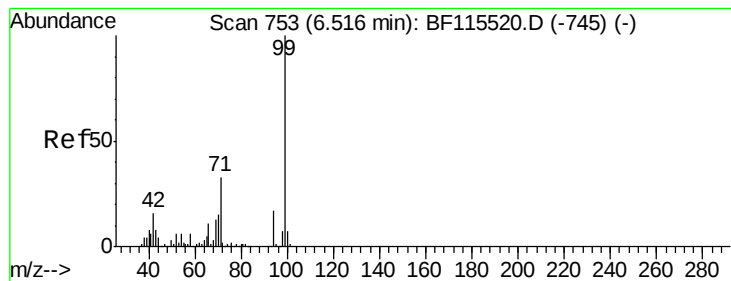


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.963 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

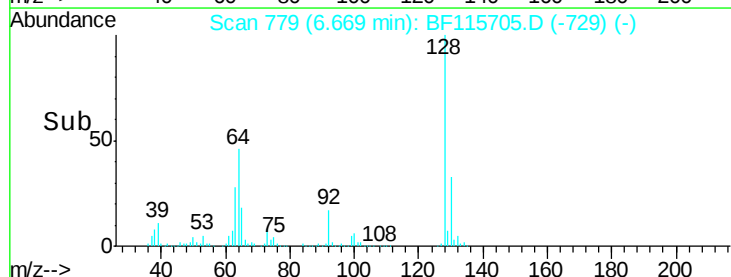
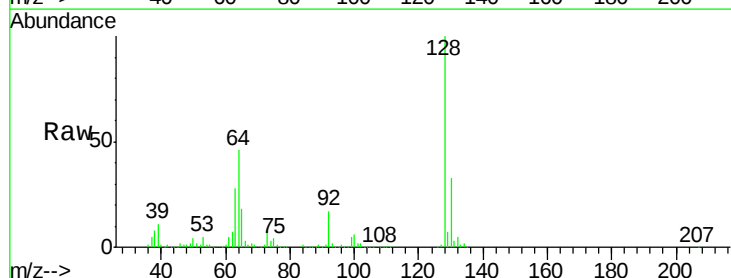
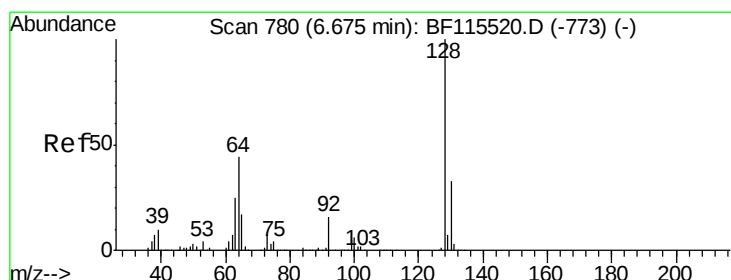
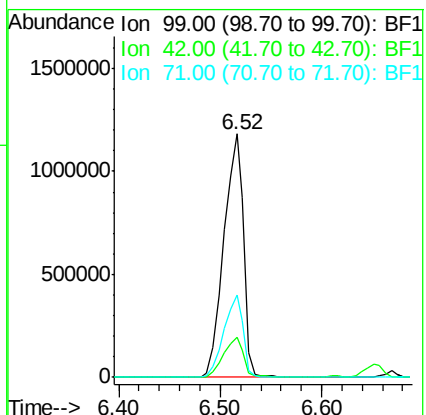
Tot Ion: 99 Resp: 1586934

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 33.6 28.5 42.7



#8

2-Chlorophenol

Concen: 39.347 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

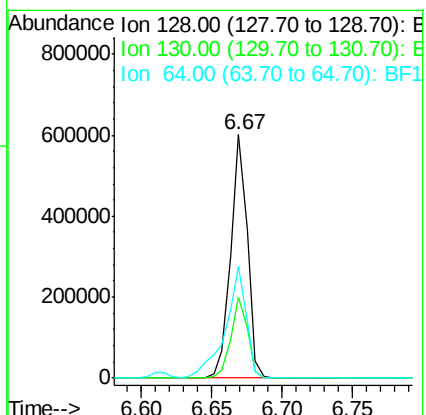
Tgt Ion: 128 Resp: 496449

Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 45.7 26.8 66.8





#9

Benzaldehyde

Concen: 23.634 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

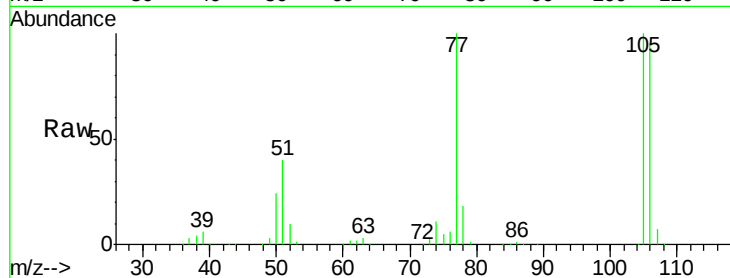
Tot Ion: 77 Resp: 205657

Ion Ratio Lower Upper

77 100

105 100.5 78.8 118.8

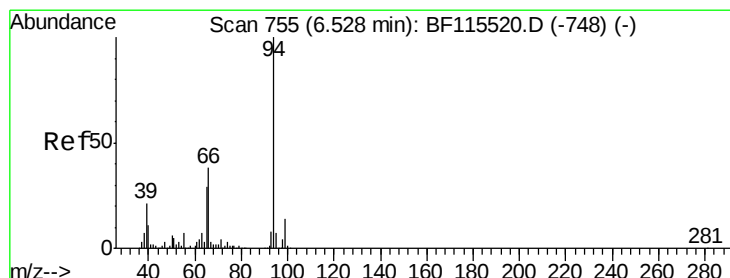
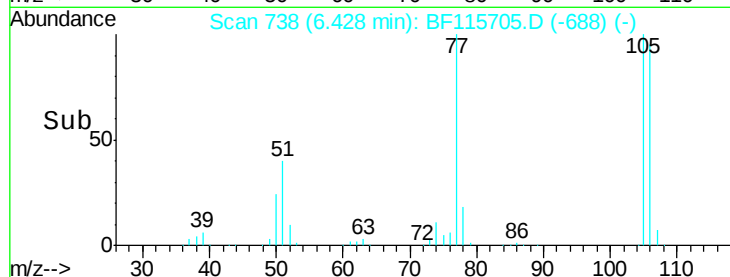
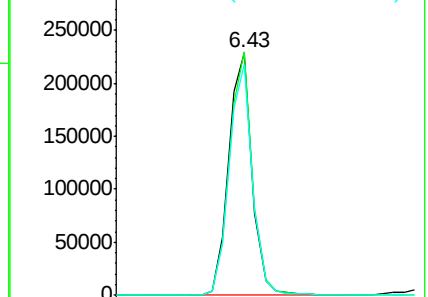
106 95.0 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.502 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

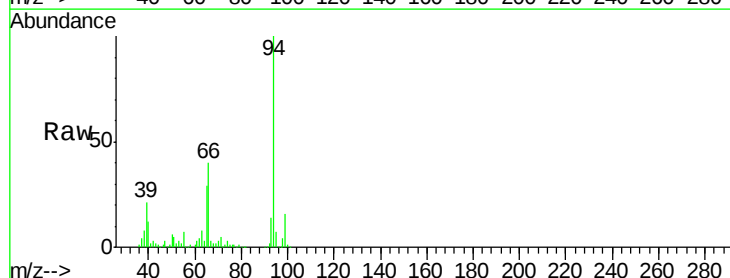
Tgt Ion: 94 Resp: 622378

Ion Ratio Lower Upper

94 100

65 29.5 14.5 54.5

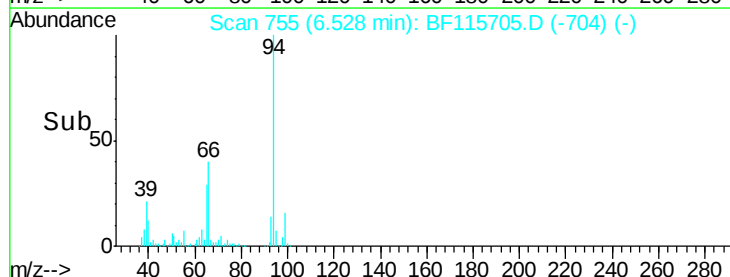
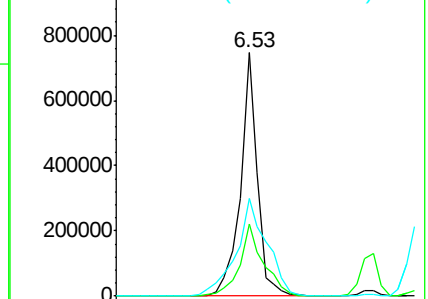
66 40.2 31.3 71.3

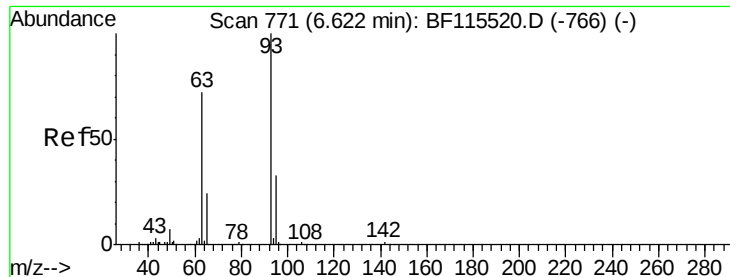


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.897 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

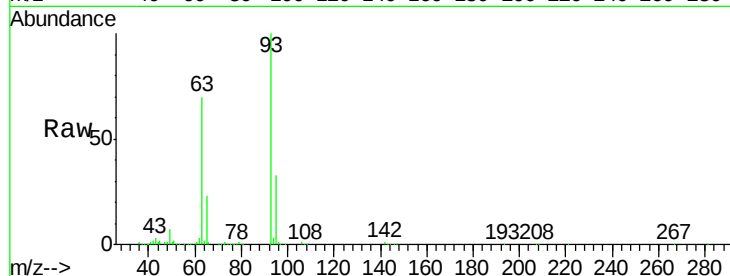
Tot Ion: 93 Resp: 478711

Ion Ratio Lower Upper

93 100

63 70.0 52.2 92.2

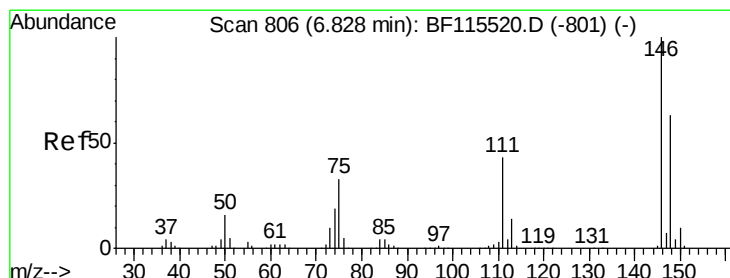
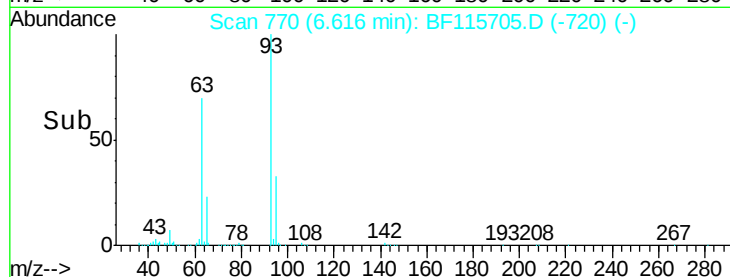
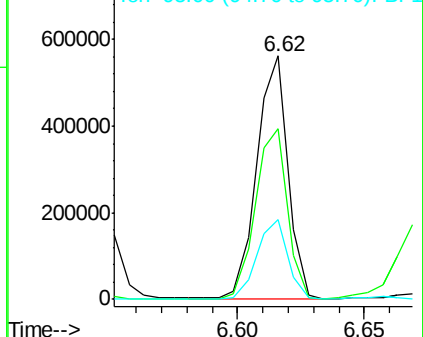
95 32.6 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.271 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

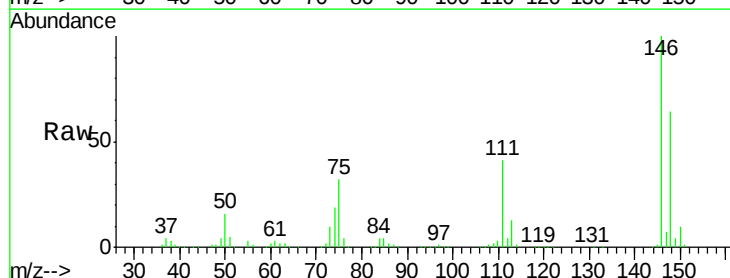
Tgt Ion: 146 Resp: 514533

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

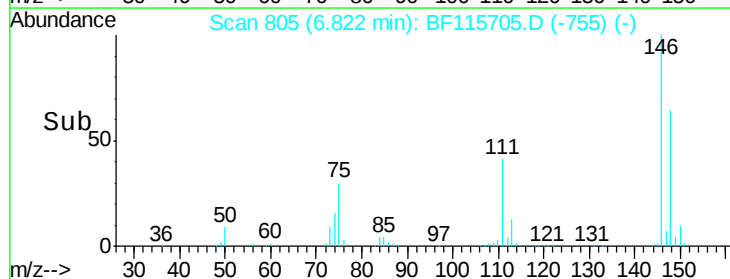
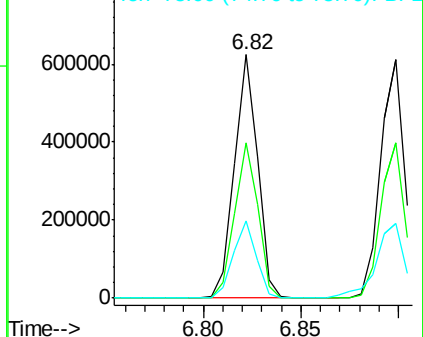
75 31.9 24.9 37.3

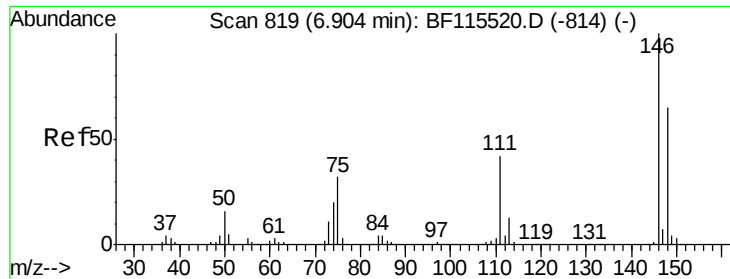


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

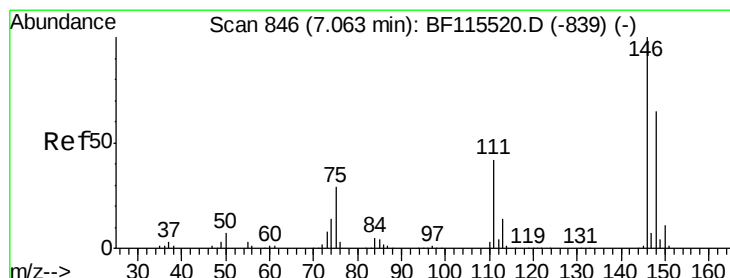
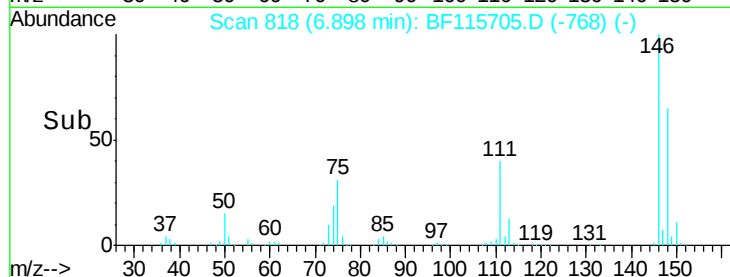
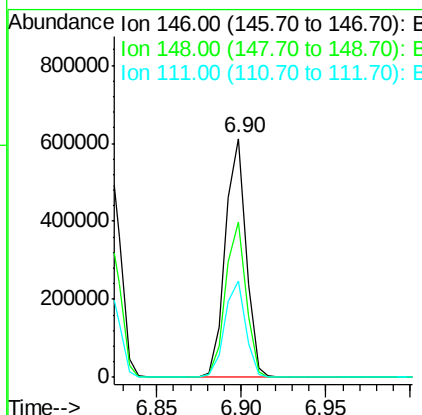
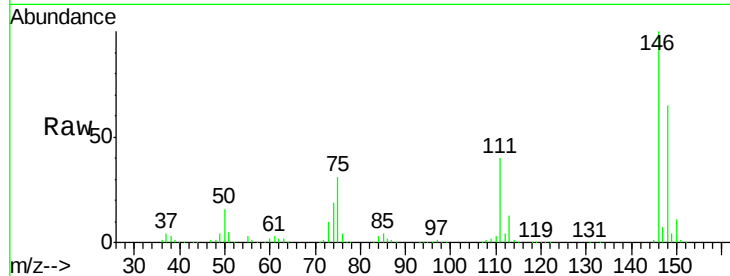




#13
 1,4-Dichlorobenzene
 Concen: 36.837 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

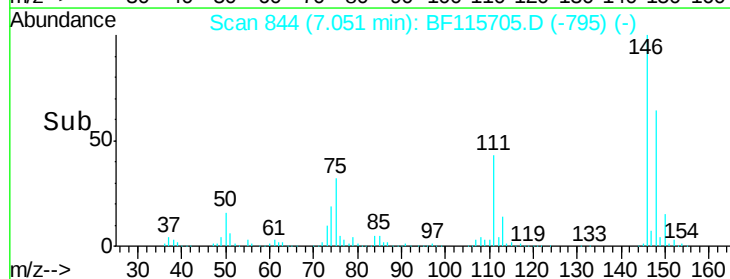
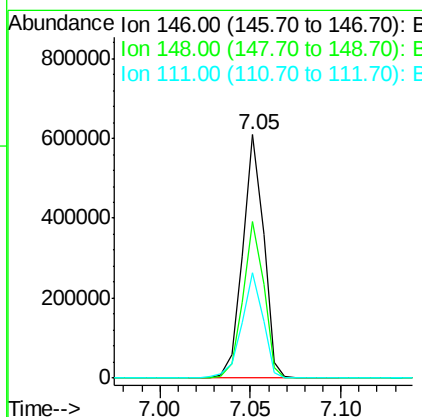
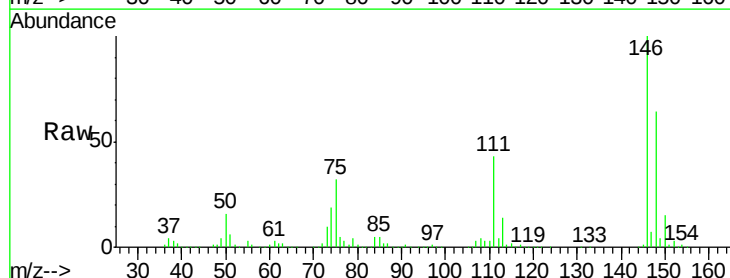
Instrument :
 BNA_F
 ClientSampleId :

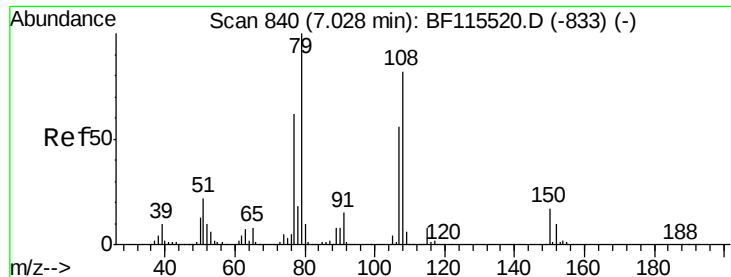
Tot Ion:146 Resp: 521394
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.8 77.6
 111 40.5 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 37.848 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion:146 Resp: 489705
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 43.2 37.6 56.4





#15

Benzyl Alcohol

Concen: 36.993 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampled :

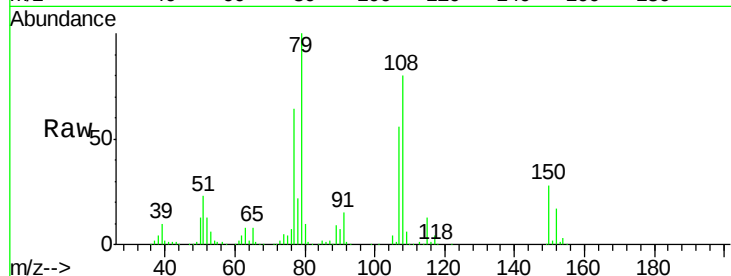
Tot Ion: 79 Resp: 408641

Ion Ratio Lower Upper

79 100

108 79.7 64.2 96.4

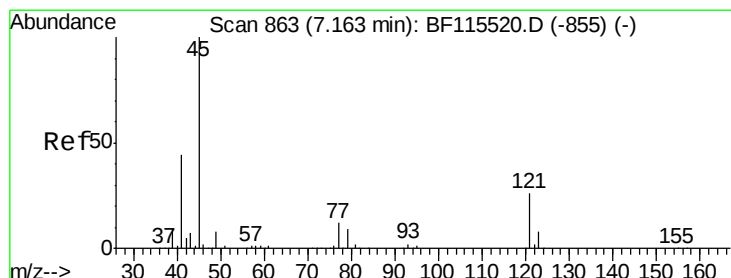
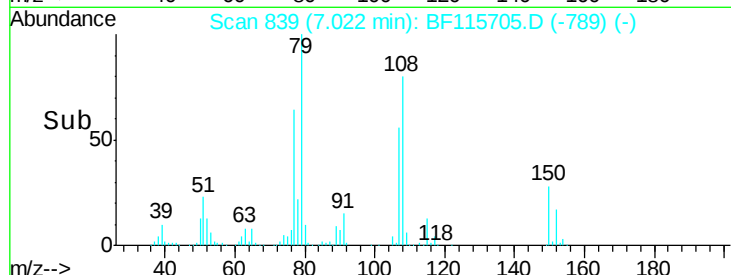
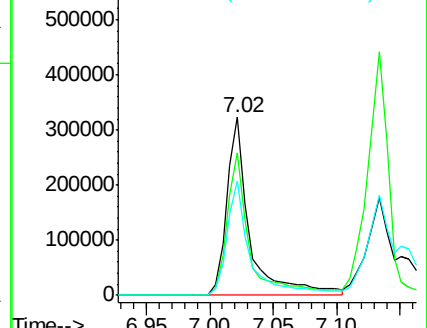
77 64.2 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.488 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

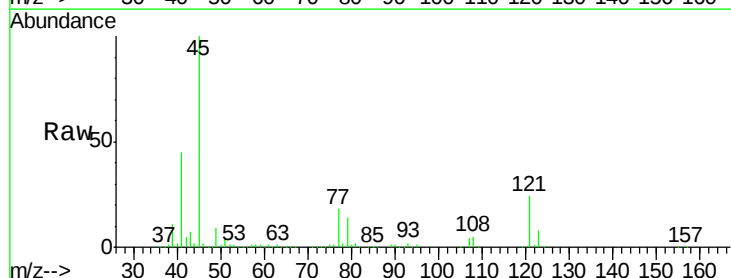
Tgt Ion: 45 Resp: 639825

Ion Ratio Lower Upper

45 100

77 18.3 0.0 38.1

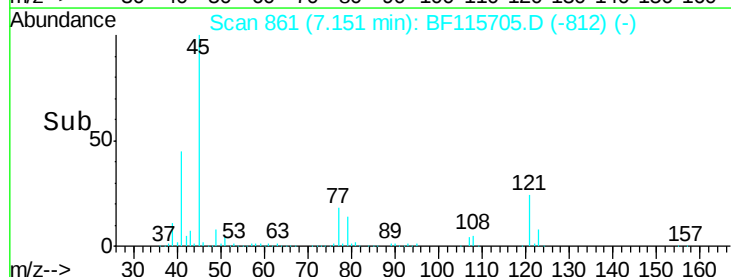
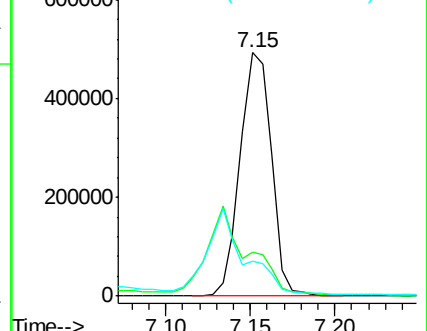
79 14.4 0.0 34.1



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

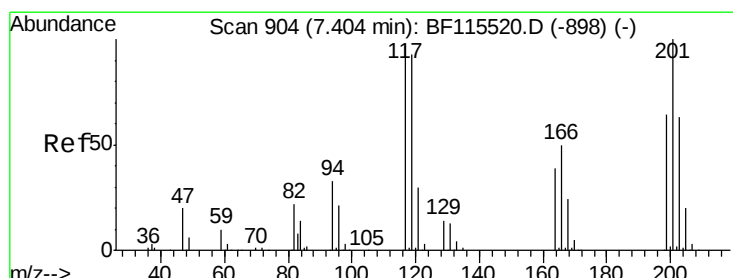
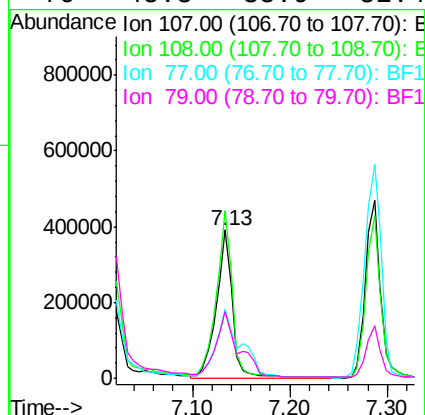
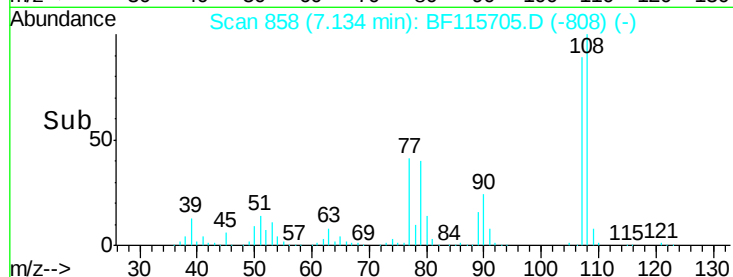
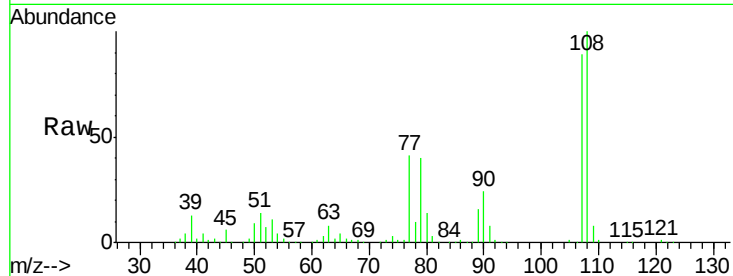




#17
2-Methylphenol
Concen: 41.112 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

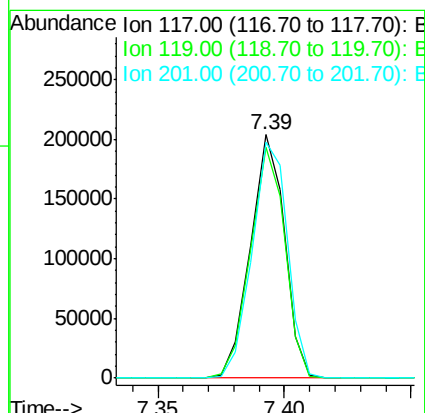
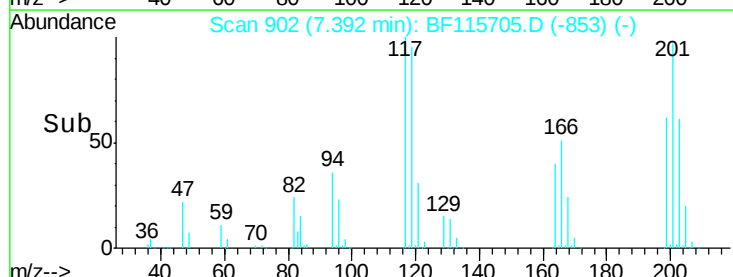
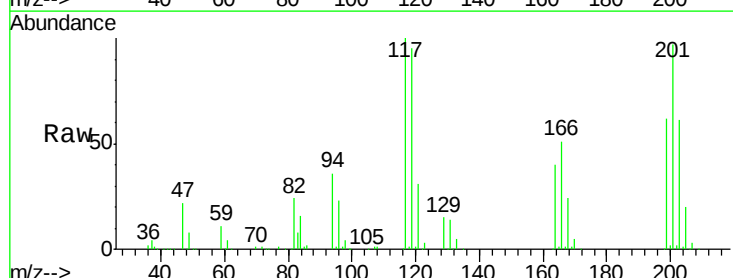
Instrument :
BNA_F
ClientSampleId :

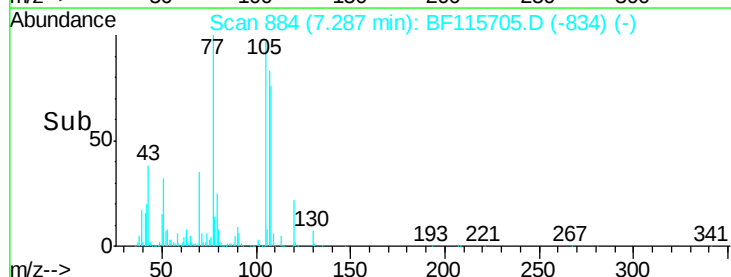
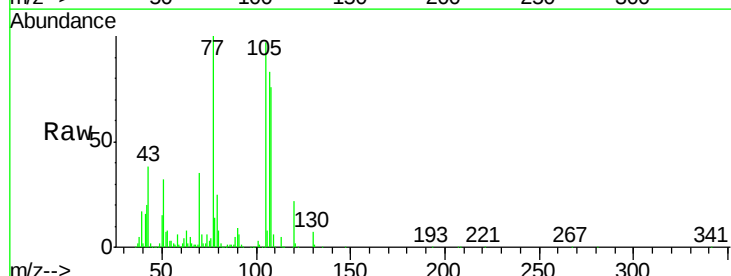
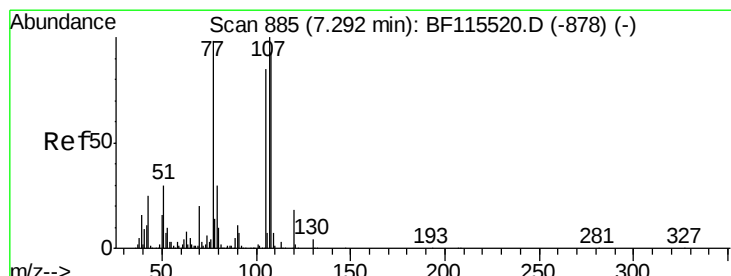
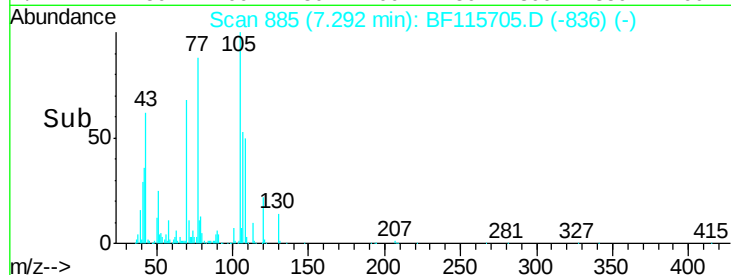
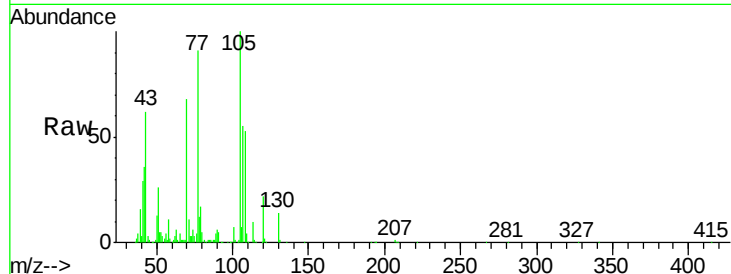
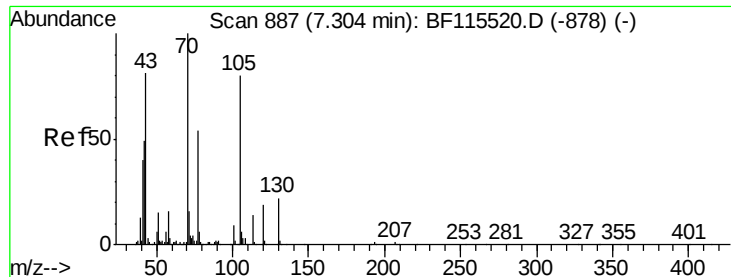
Tot Ion:107 Resp: 447032
Ion Ratio Lower Upper
107 100
108 112.9 89.4 134.2
77 46.7 35.7 53.5
79 45.3 35.0 52.4



#18
Hexachloroethane
Concen: 36.431 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:117 Resp: 191392
Ion Ratio Lower Upper
117 100
119 94.9 77.7 116.5
201 97.1 86.0 129.0

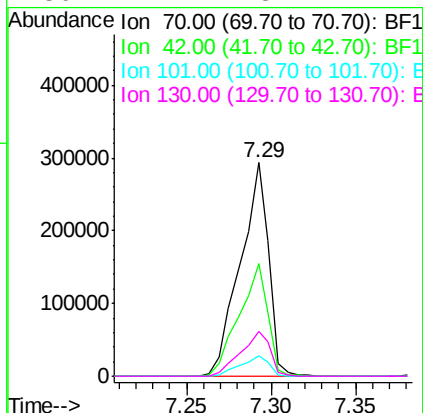




#19
n-Nitroso-di-n-propylamine
Concen: 37.764 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

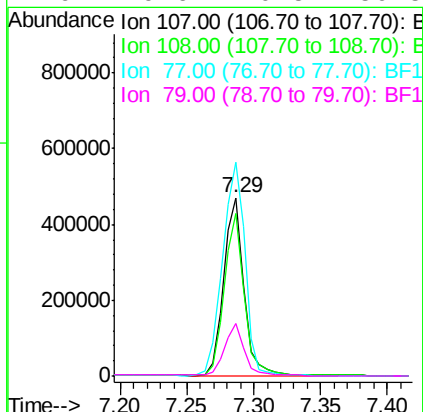
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.0	39.6	59.4
101	9.7	8.1	12.1
130	21.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.882 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	72.9	112.9
77	119.8	77.6	117.6#
79	29.6	10.5	50.5

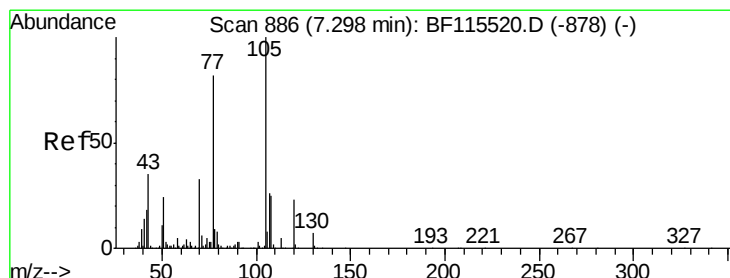
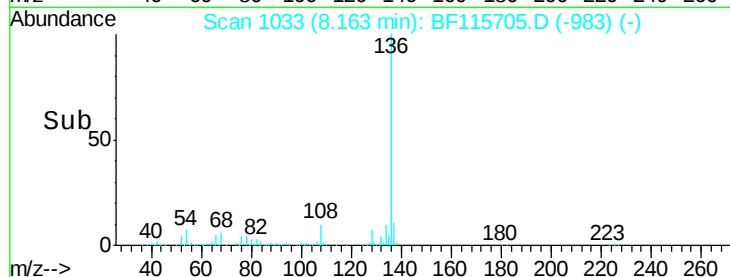
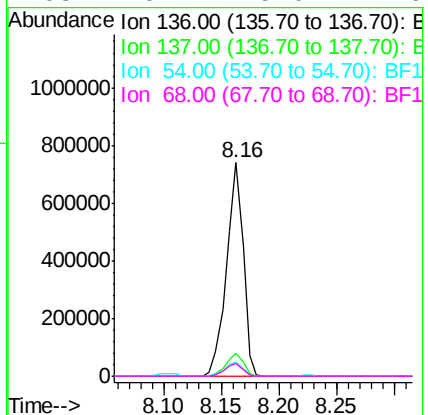
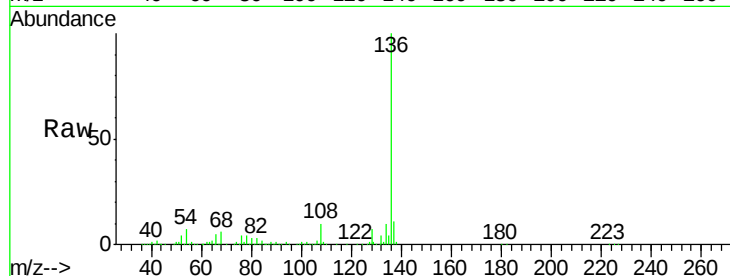




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

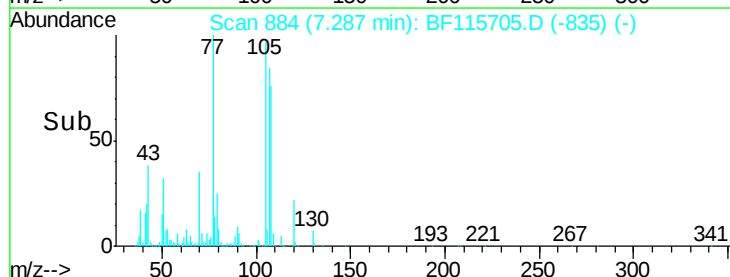
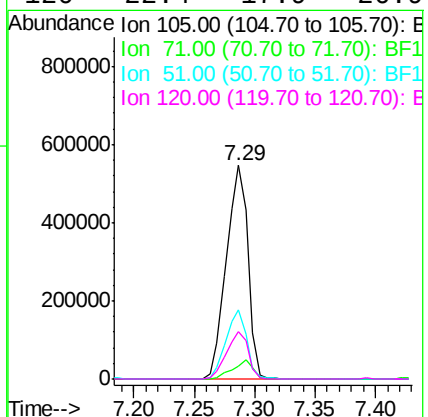
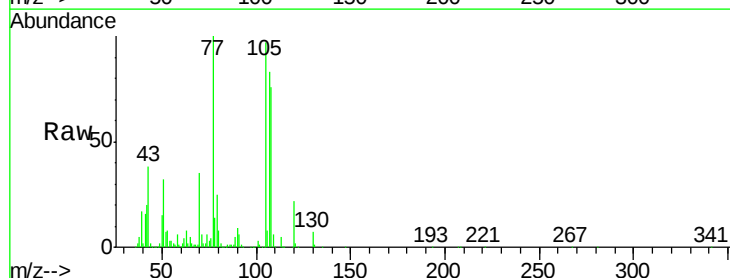
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	742474
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 6.9	5.6	8.4
68 6.2	5.0	7.6



#22
Acetophenone
Concen: 40.478 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt	Ion:105	Resp:	678955
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.5	5.3#
51	32.6	25.6	38.4
120	22.4	17.9	26.9

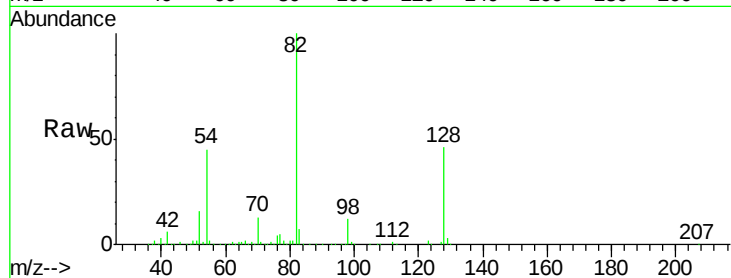




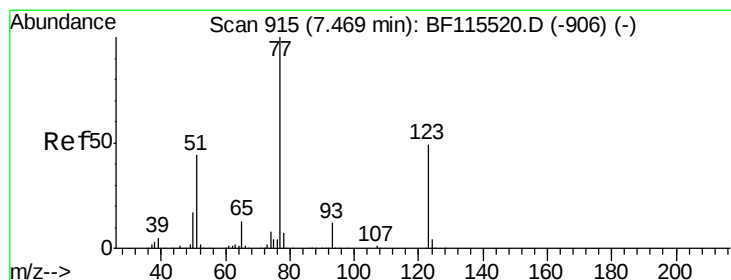
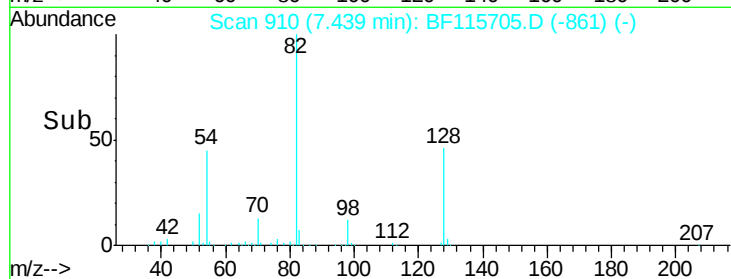
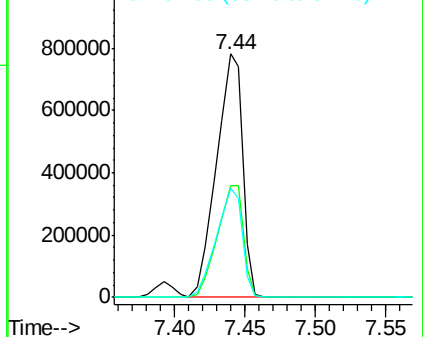
#23
 Nitrobenzene-d5
 Concen: 78.528 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1002727
 Ion Ratio Lower Upper
 82 100
 128 45.7 38.6 57.8
 54 44.8 35.6 53.4

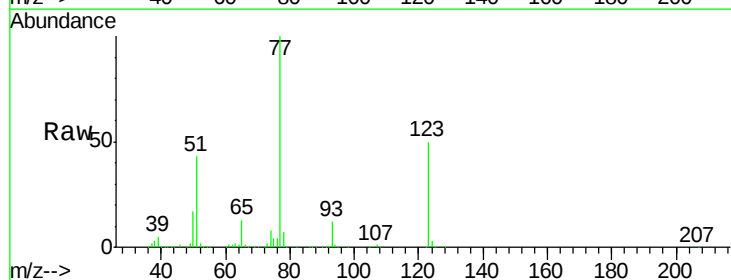


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

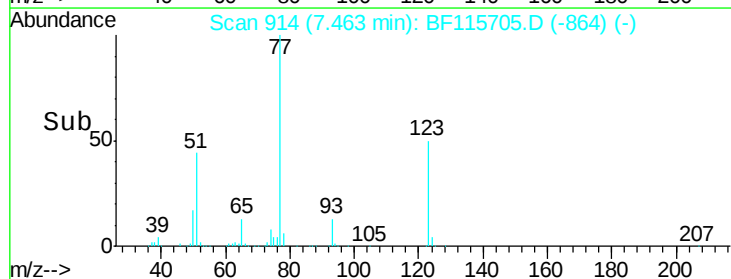
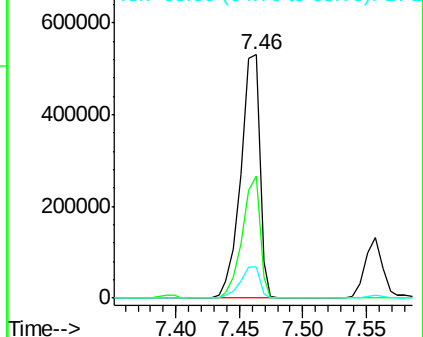


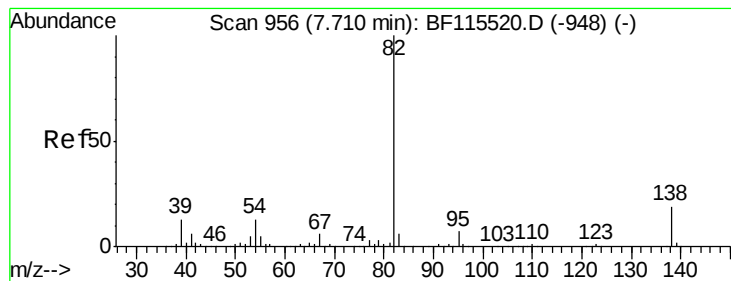
#24
 Nitrobenzene
 Concen: 39.926 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion: 77 Resp: 549880
 Ion Ratio Lower Upper
 77 100
 123 50.0 40.0 60.0
 65 12.8 11.0 16.4



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





#25

Isophorone

Concen: 39.329 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

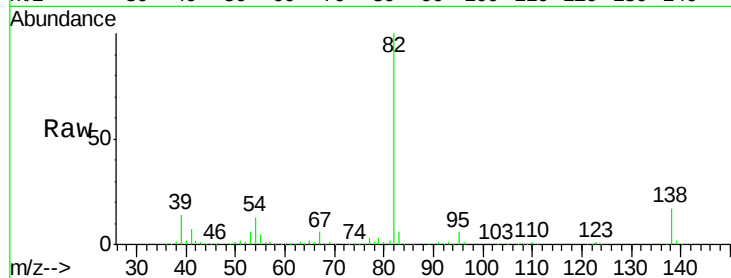
Tot Ion: 82 Resp: 1004891

Ion Ratio Lower Upper

82 100

95 6.4 5.5 8.3

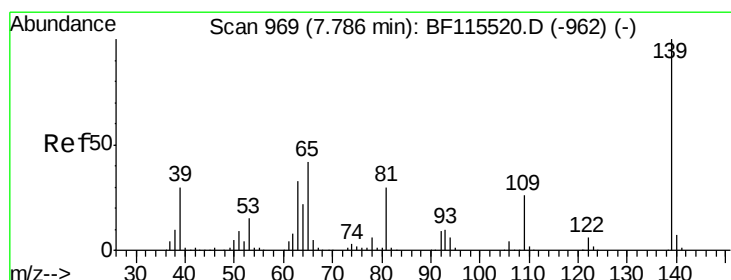
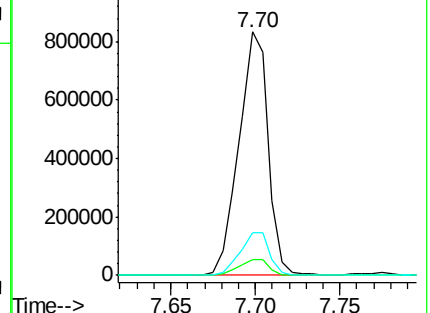
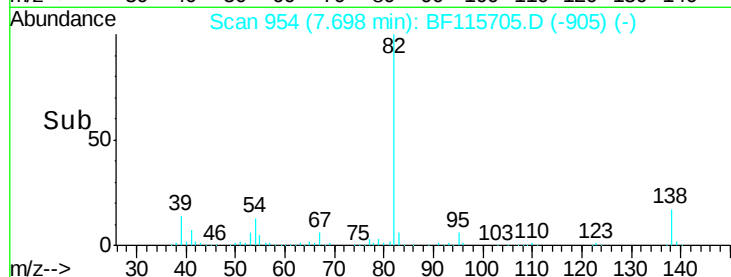
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.486 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

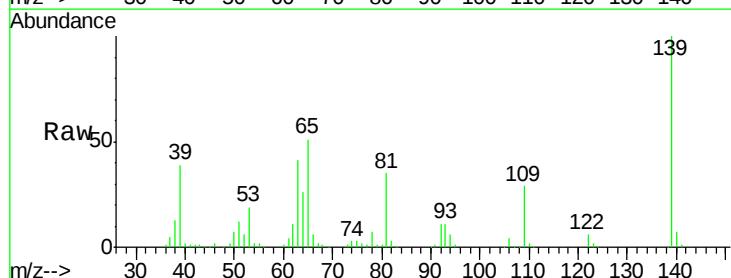
Tgt Ion: 139 Resp: 279914

Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

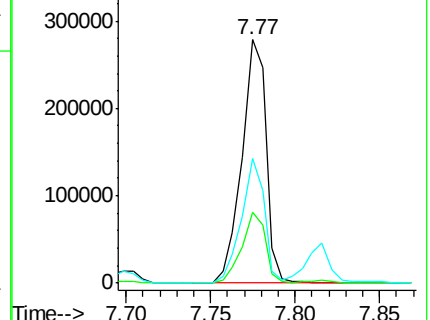
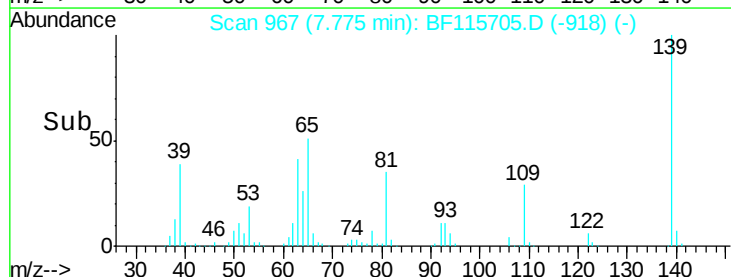
65 51.0 37.9 56.9

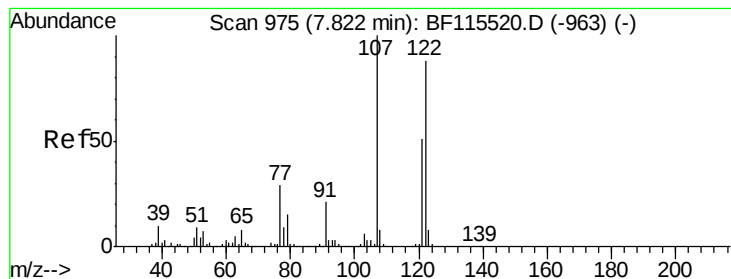


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.956 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

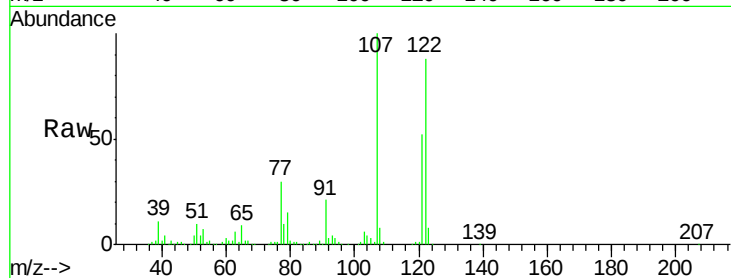
Tot Ion:122 Resp: 466228

Ion Ratio Lower Upper

122 100

107 113.5 92.9 139.3

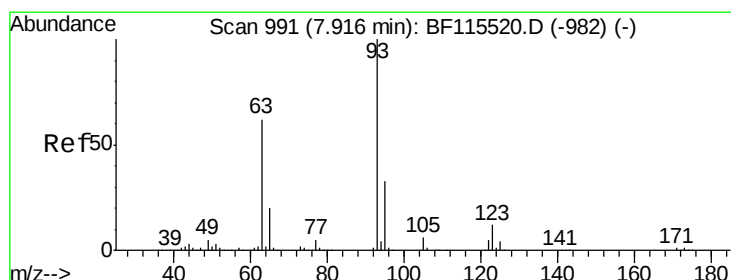
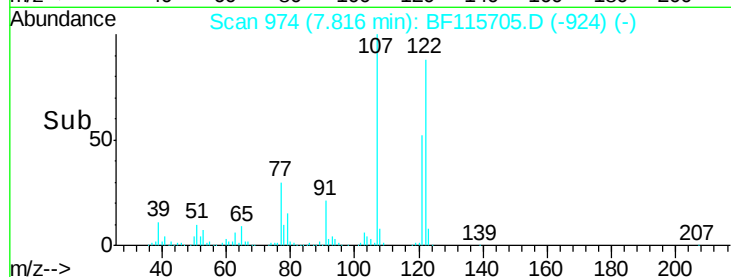
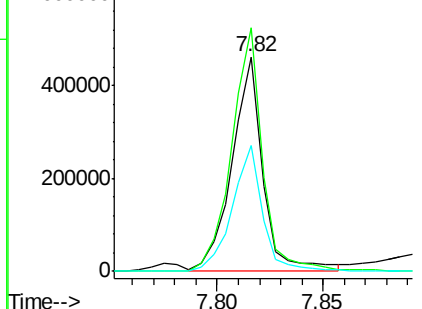
121 58.5 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.206 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

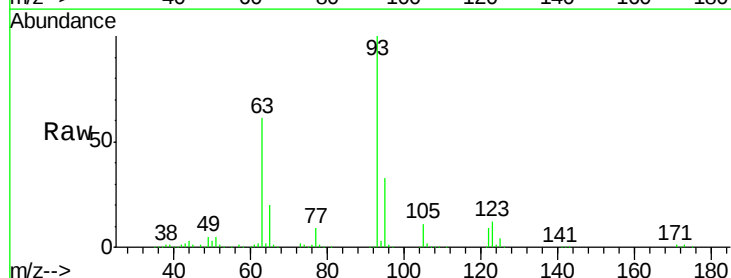
Tgt Ion: 93 Resp: 614558

Ion Ratio Lower Upper

93 100

95 33.5 27.0 40.4

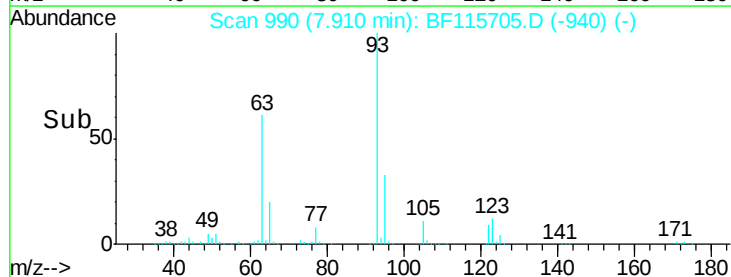
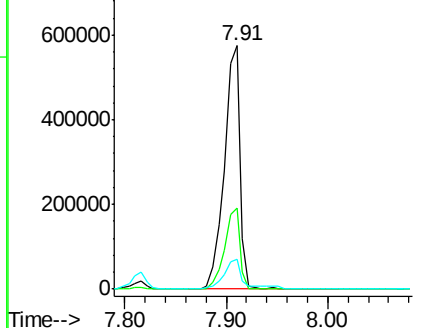
123 12.5 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

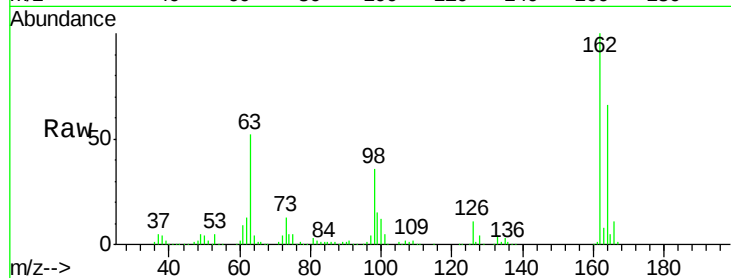




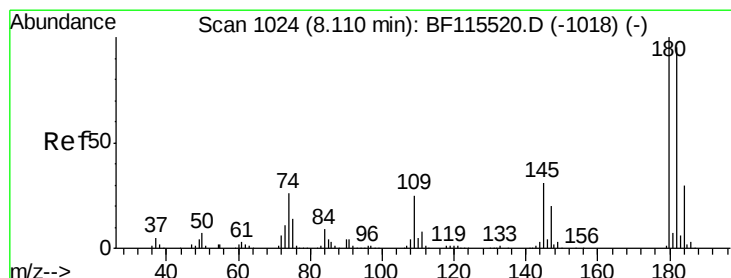
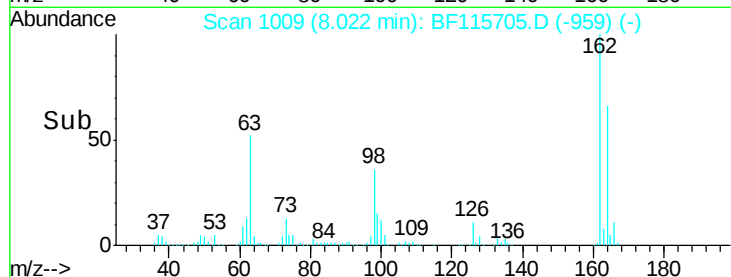
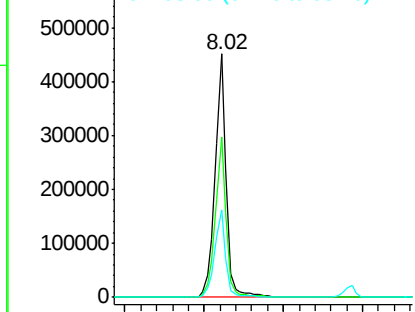
#29
 2,4-Dichlorophenol
 Concen: 39.798 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.9	84.9
98	35.9	17.7	57.7

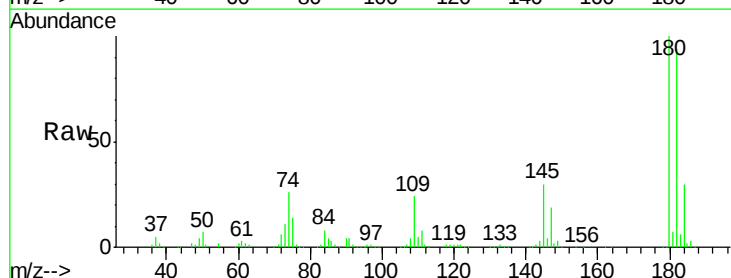


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

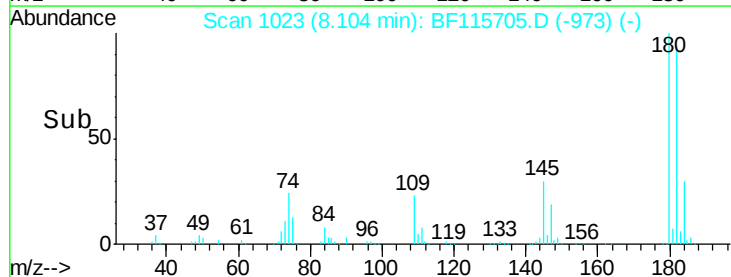
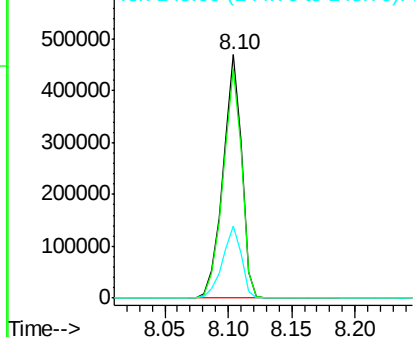


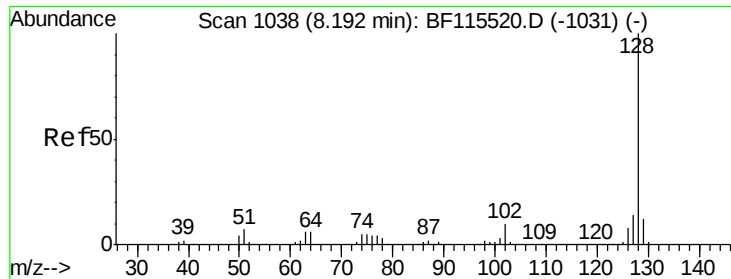
#30
 1,2,4-Trichlorobenzene
 Concen: 38.307 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.0	112.6
145	29.6	25.1	37.7



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

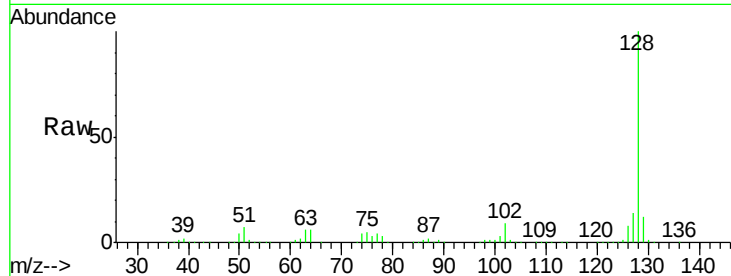




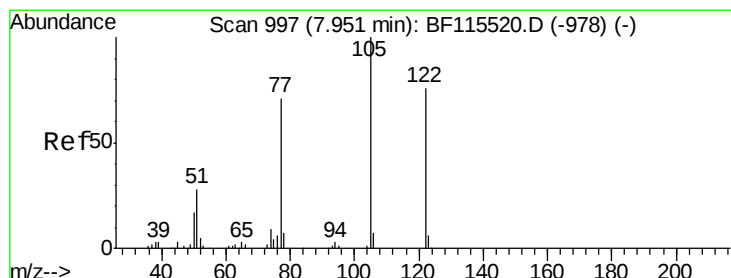
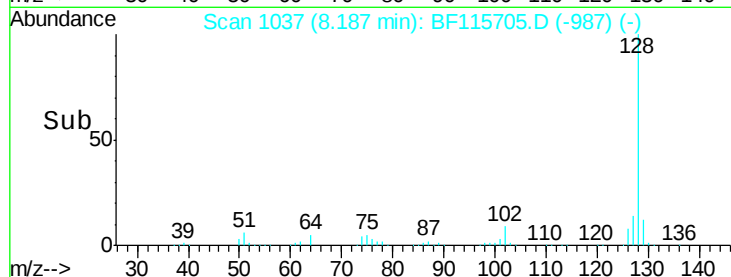
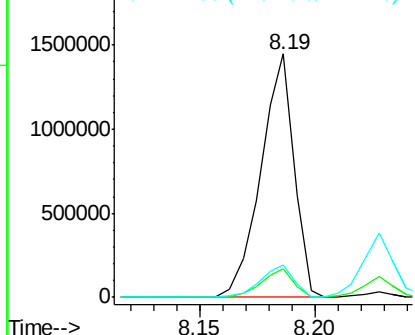
#31
Naphthalene
Concen: 40.215 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1446053
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.5 12.1 18.1

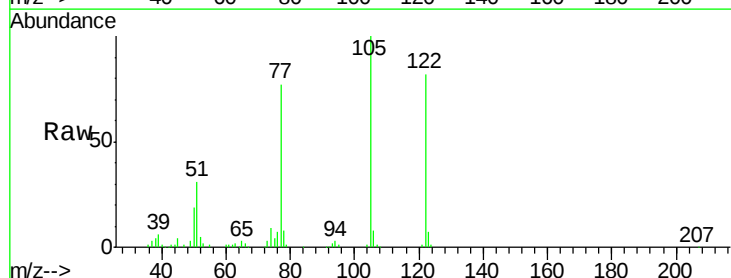


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

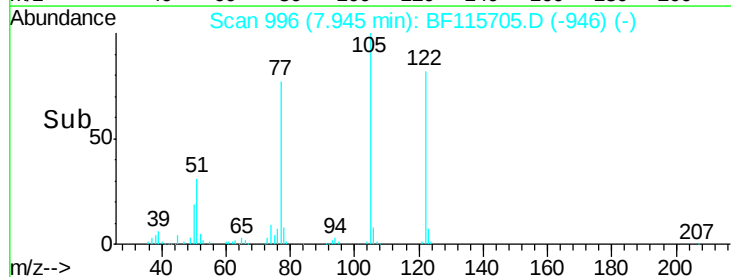
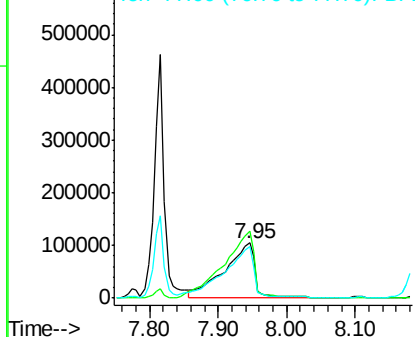


#32
Benzoic acid
Concen: 36.589 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:122 Resp: 318495
Ion Ratio Lower Upper
122 100
105 121.4 102.5 142.5
77 93.8 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

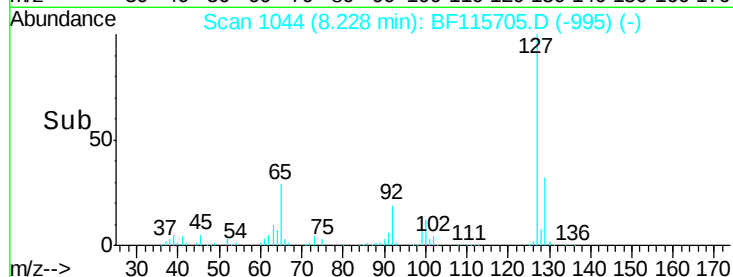
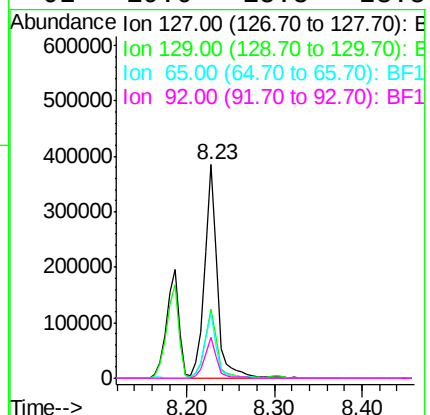
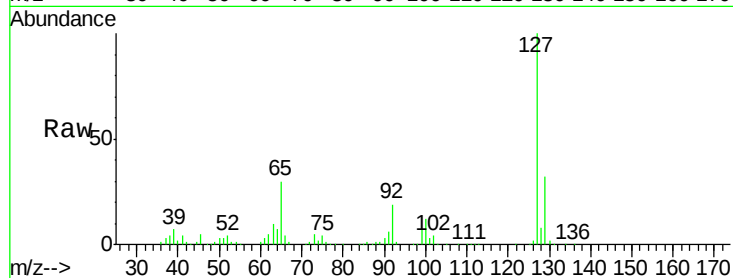




#33
4-Chloroaniline
Concen: 24.438 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

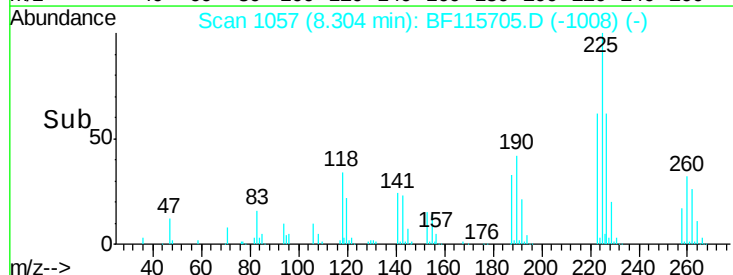
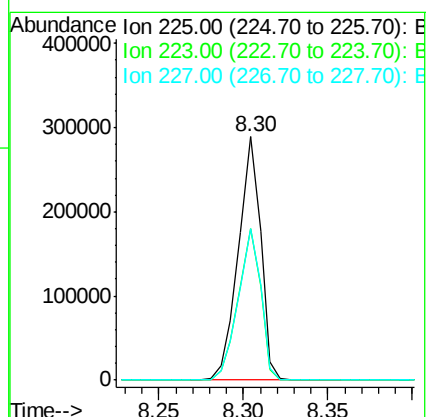
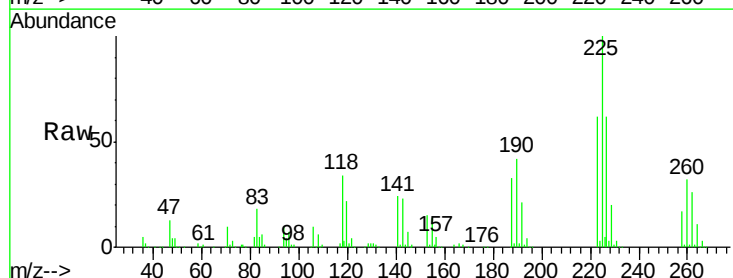
Instrument :
BNA_F
ClientSampled :

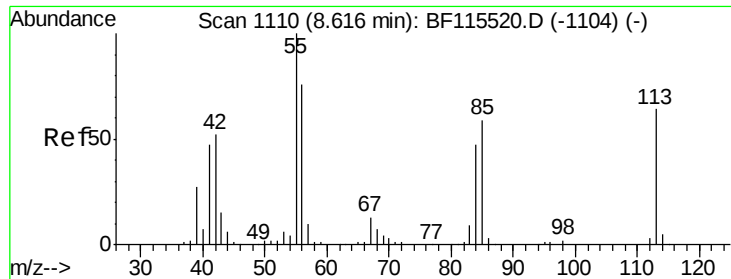
Tot Ion:	127	Resp:	389237
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	30.3	23.7	35.5
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.371 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:	225	Resp:	267222
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	62.4	50.7	76.1





#35

Caprolactam

Concen: 24.885 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampled :

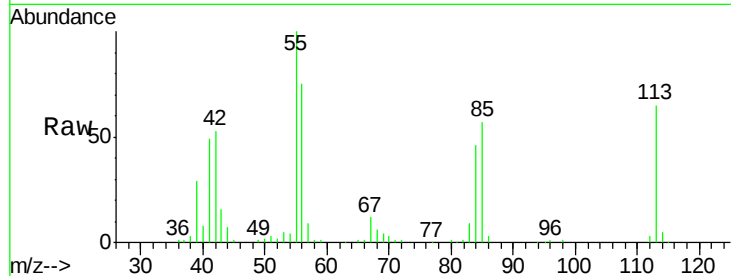
Tot Ion:113 Resp: 84825

Ion Ratio Lower Upper

113 100

55 153.4 126.9 166.9

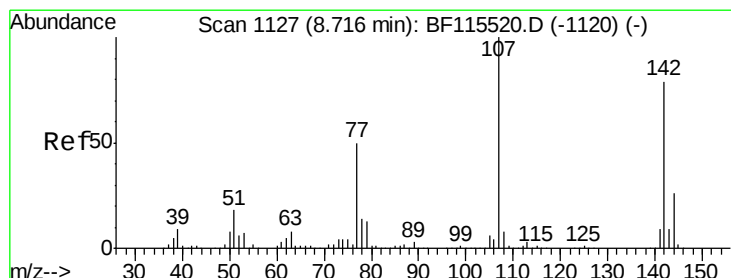
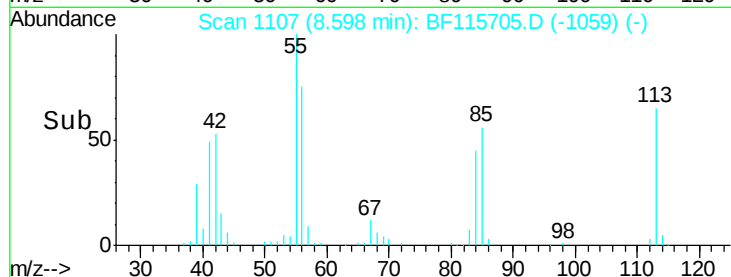
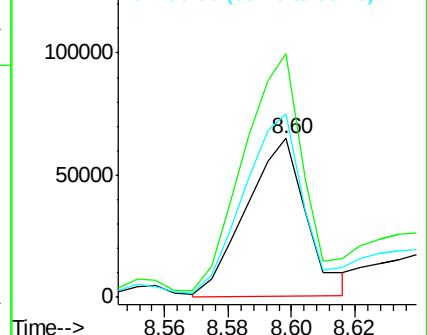
56 115.5 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.567 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

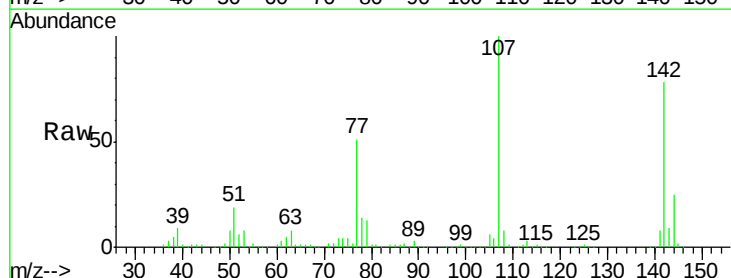
Tgt Ion:107 Resp: 464188

Ion Ratio Lower Upper

107 100

144 25.4 20.6 30.8

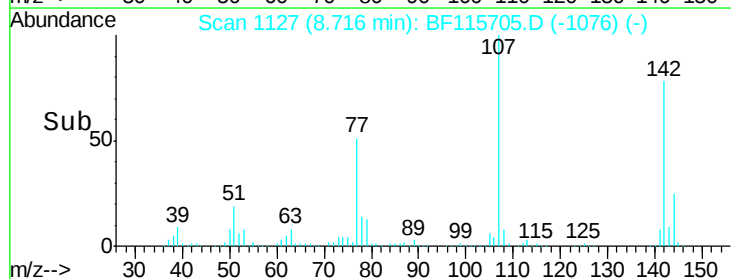
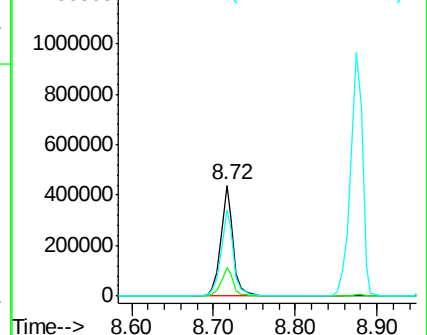
142 78.0 63.1 94.7



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

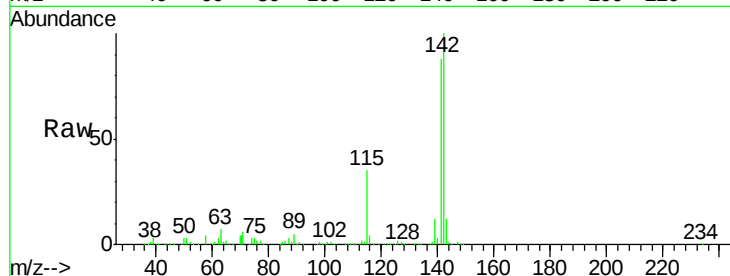




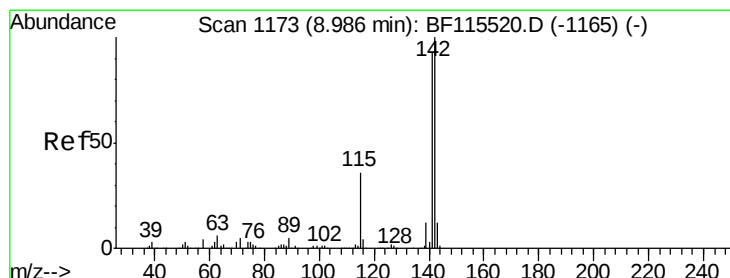
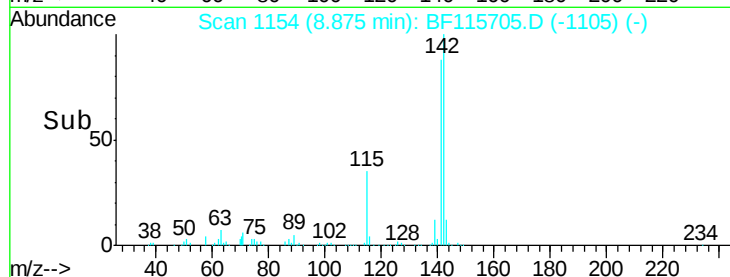
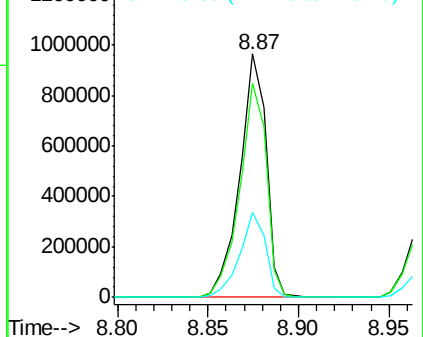
#37
2-Methylnaphthalene
Concen: 41.111 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0
115	34.6	29.9	44.9

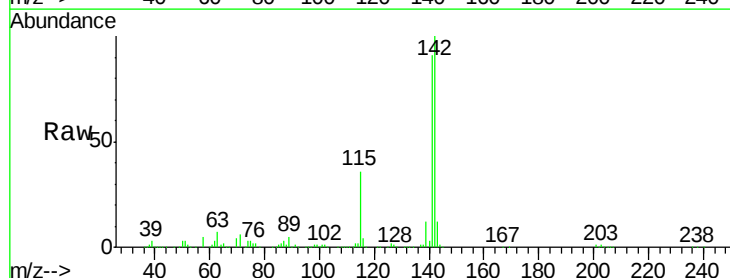


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

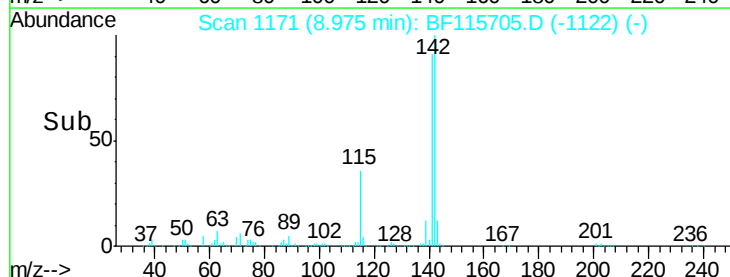
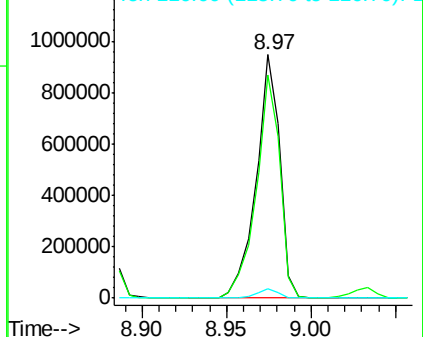


#38
1-Methylnaphthalene
Concen: 40.479 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.3	112.9
116	3.8	3.3	4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

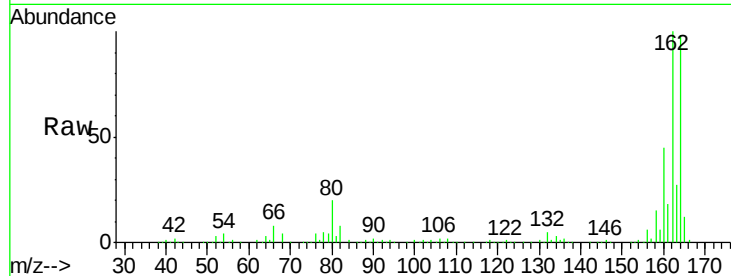




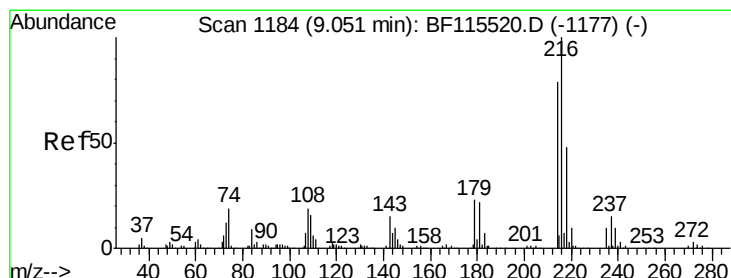
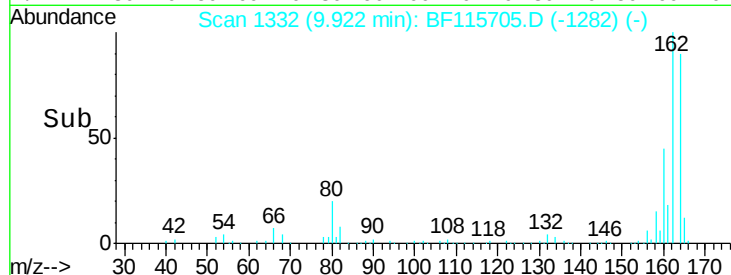
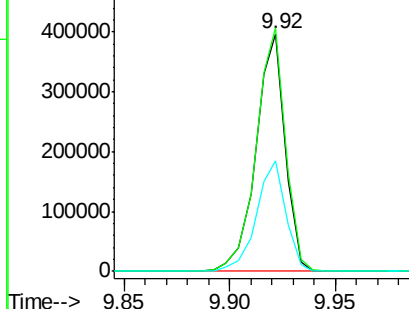
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 379677
Ion Ratio Lower Upper
164 100
162 102.6 82.9 124.3
160 46.3 36.8 55.2

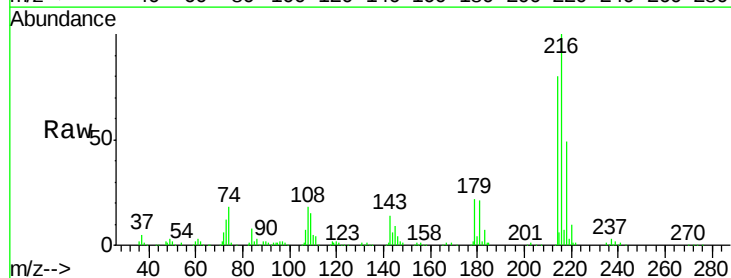


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

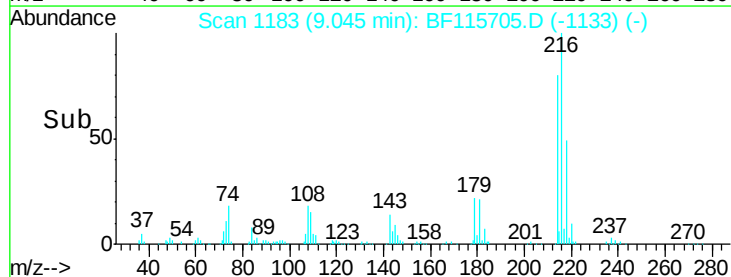
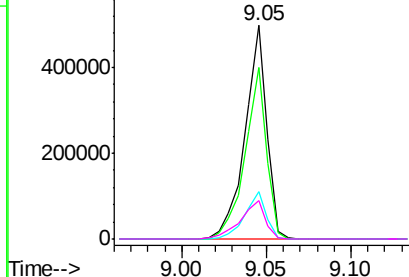


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.246 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:216 Resp: 448711
Ion Ratio Lower Upper
216 100
214 79.2 65.1 97.7
179 22.1 18.3 27.5
108 20.4 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.324 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

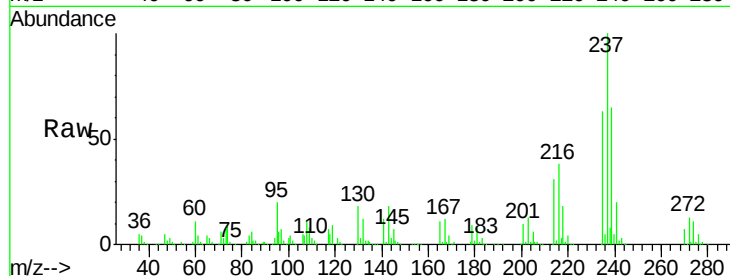
Tot Ion:237 Resp: 302131

Ion Ratio Lower Upper

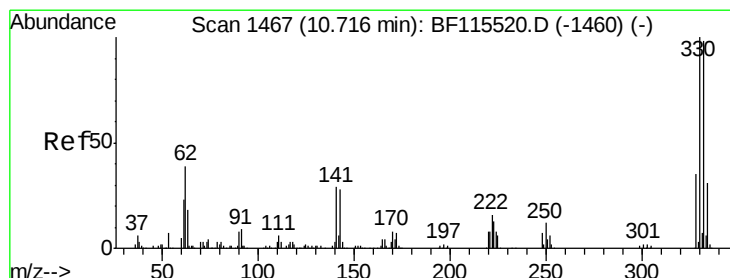
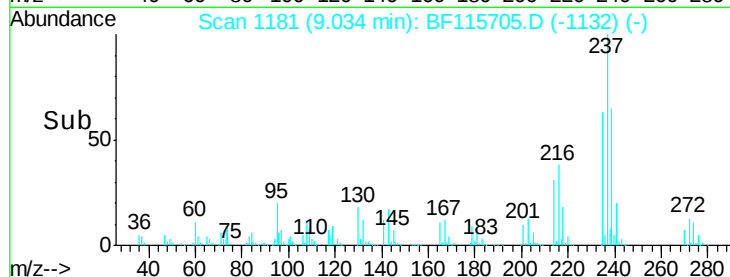
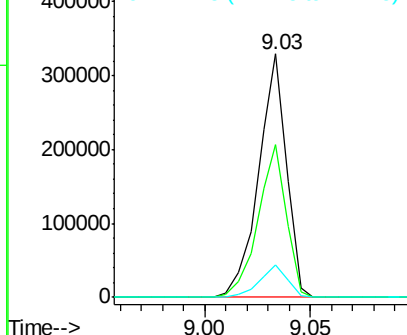
237 100

235 63.0 43.6 83.6

272 13.4 0.0 33.9



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: 108.720 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

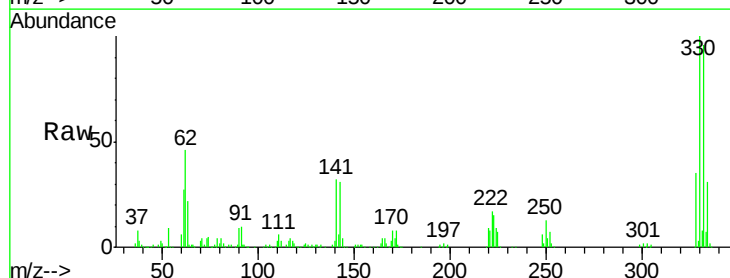
Tgt Ion:330 Resp: 481818

Ion Ratio Lower Upper

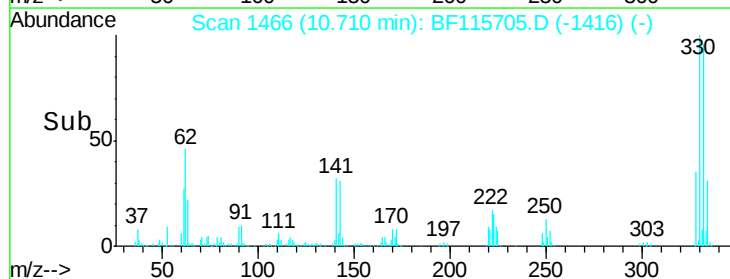
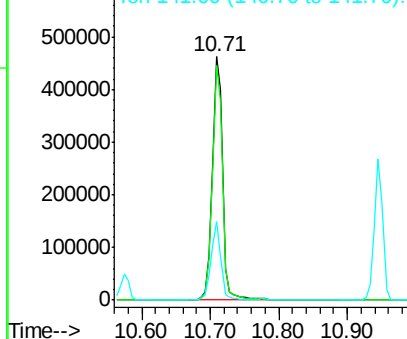
330 100

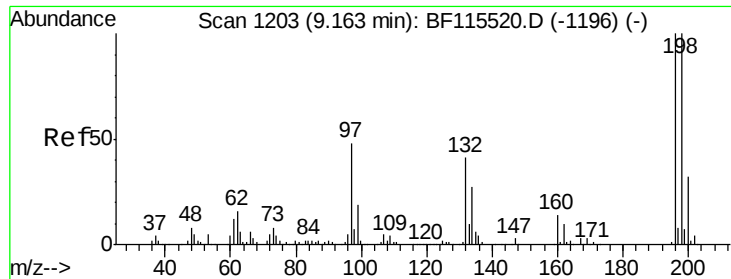
332 95.7 77.4 116.2

141 31.2 22.4 33.6



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

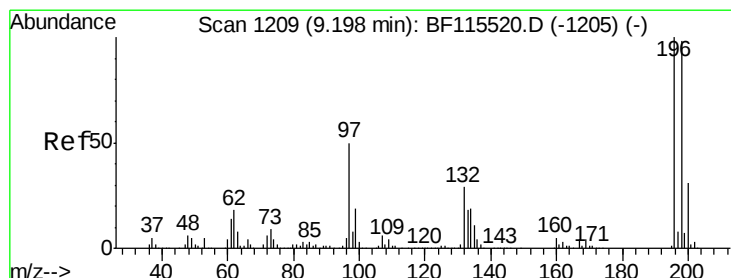
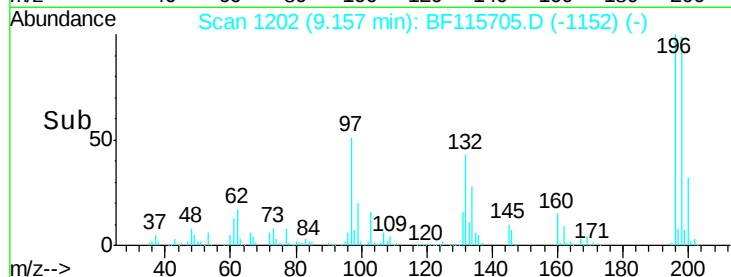
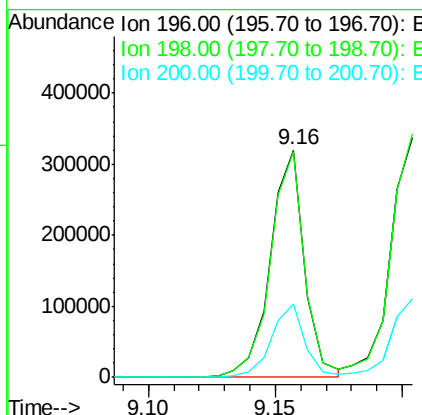
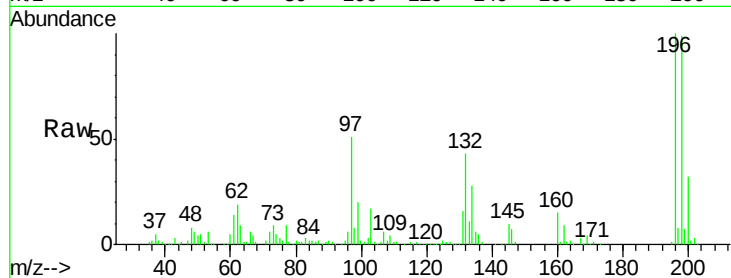




#43
 2,4,6-Trichlorophenol
 Concen: 36.131 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

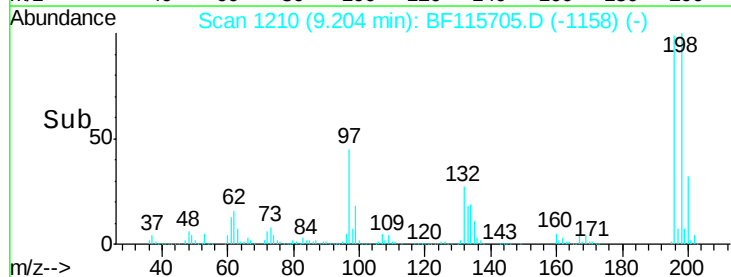
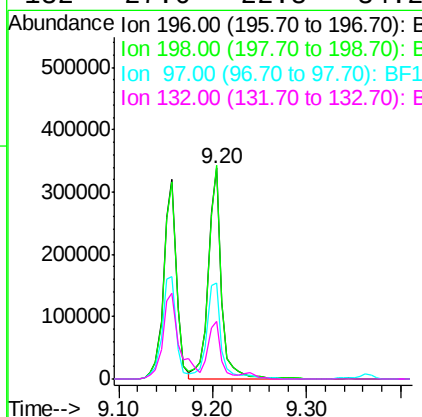
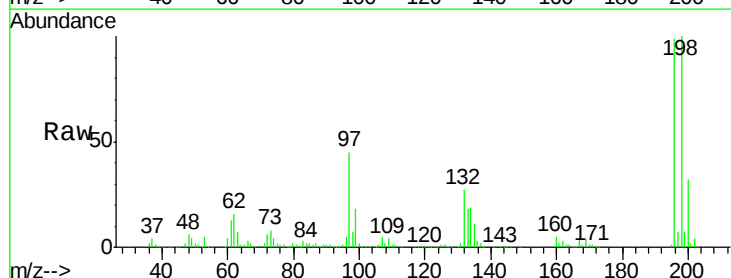
Instrument :
 BNA_F
 ClientSampleId :

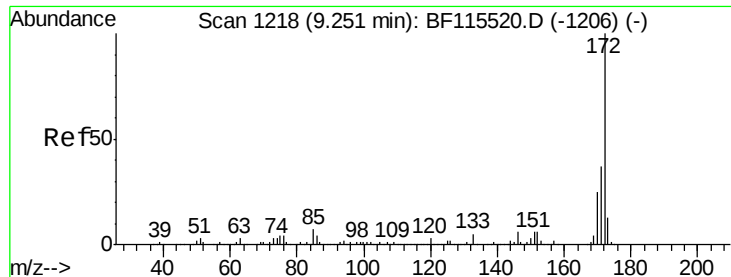
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	80.6	121.0
200	32.2	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.943 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	79.6	119.4
97	45.9	37.8	56.6
132	27.6	22.8	34.2

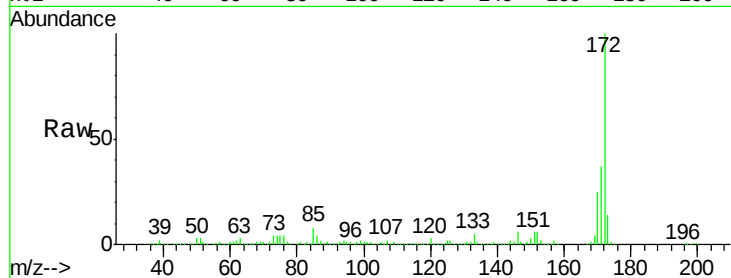




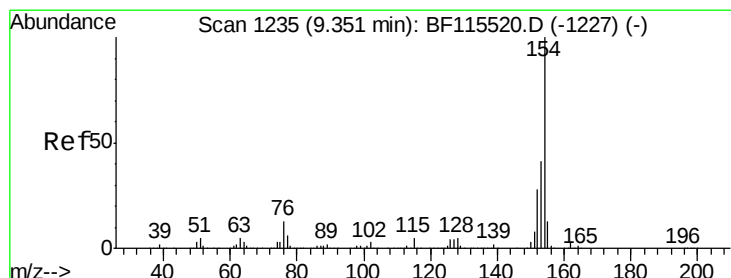
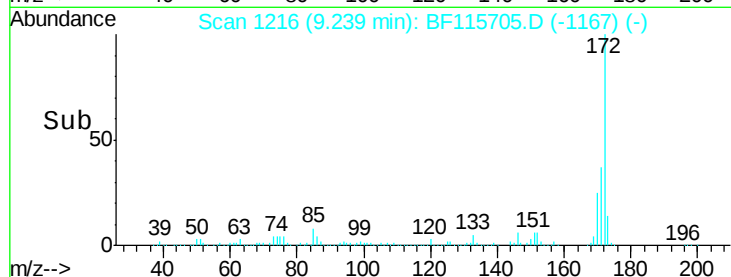
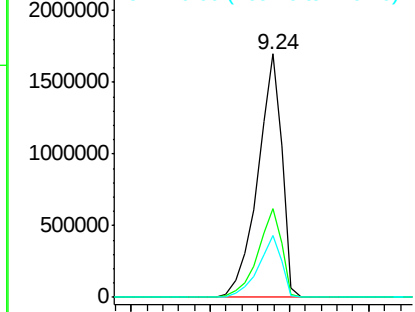
#45
2-Fluorobiphenyl
Concen: 83.362 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1808321
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 25.3 20.5 30.7

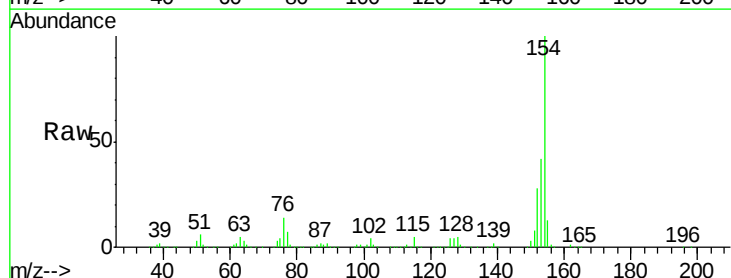


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

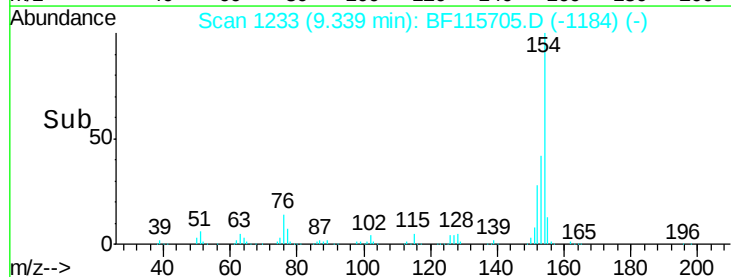
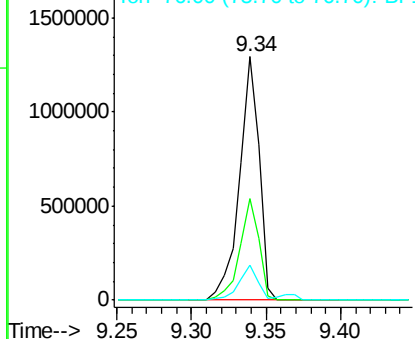


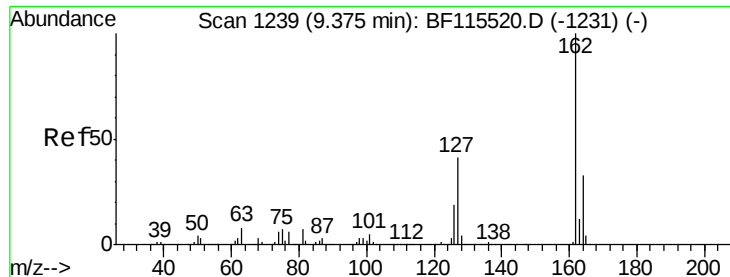
#46
1,1'-Biphenyl
Concen: 40.055 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:154 Resp: 1188942
Ion Ratio Lower Upper
154 100
153 41.7 22.6 62.6
76 14.4 0.0 33.4



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

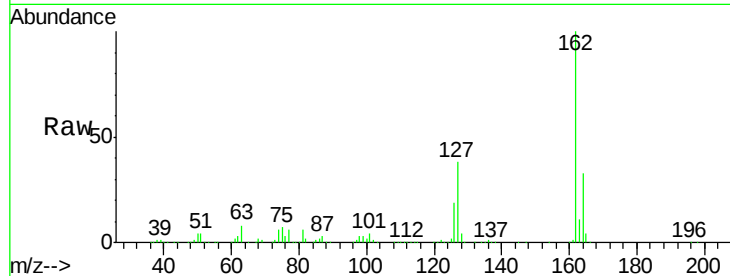




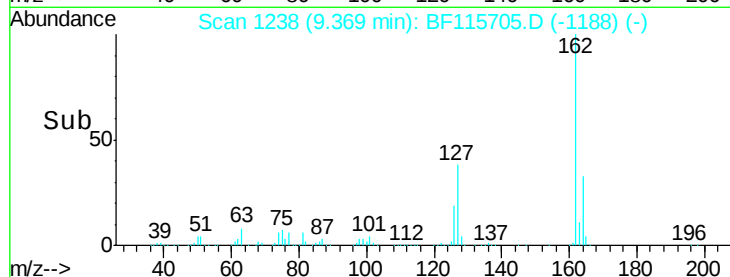
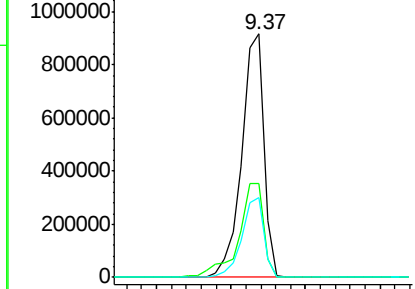
#47
 2-Chloronaphthalene
 Concen: 38.240 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	34.1	51.1
164	32.9	27.4	41.2

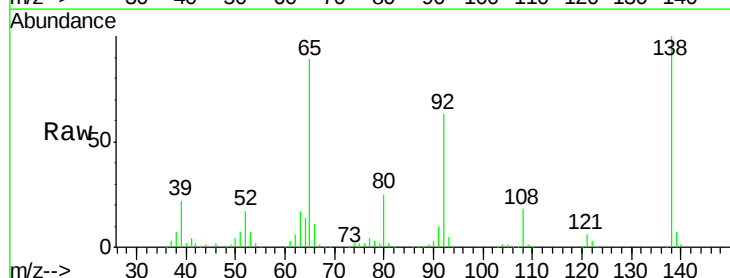


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

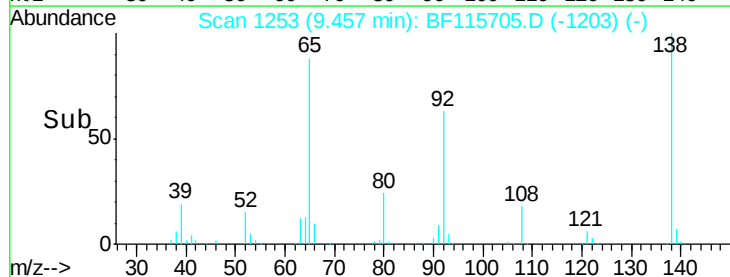
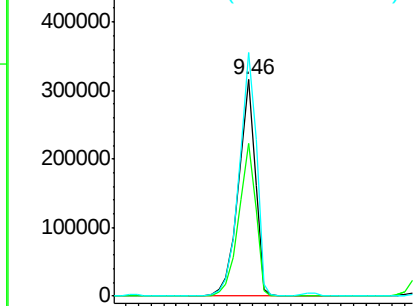


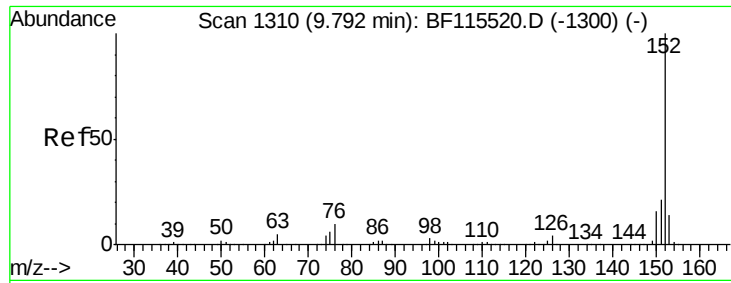
#48
 2-Nitroaniline
 Concen: 37.820 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.8	86.6
138	112.6	91.2	136.8



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





#49

Acenaphthylene

Concen: 38.564 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

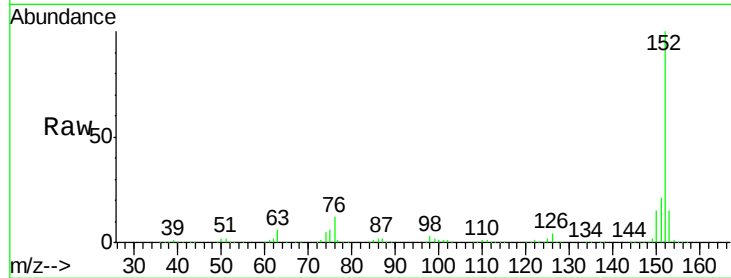
Tot Ion:152 Resp: 1412285

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

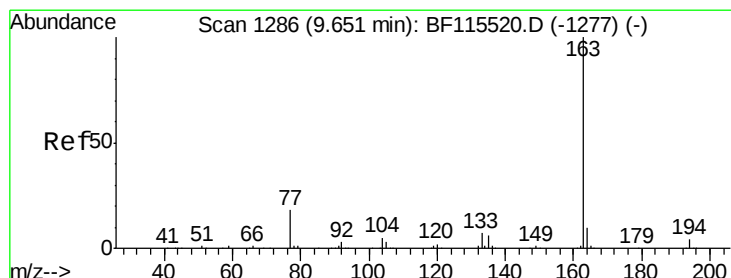
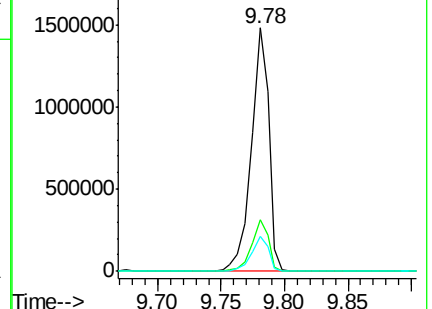
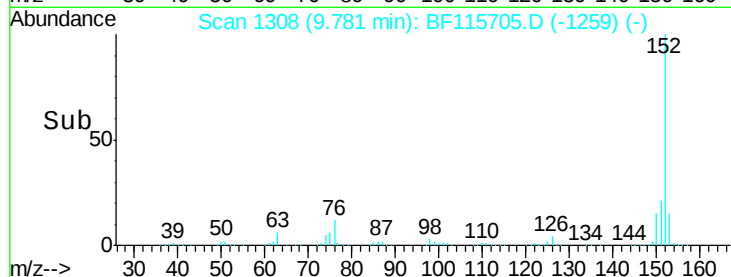
153 14.6 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.302 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

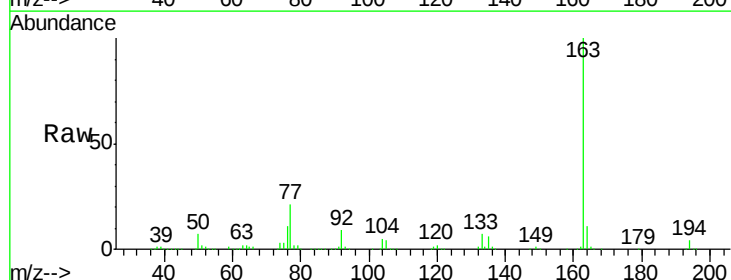
Tgt Ion:163 Resp: 1094115

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

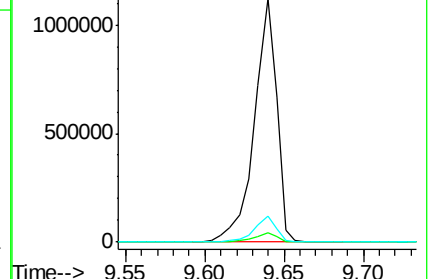
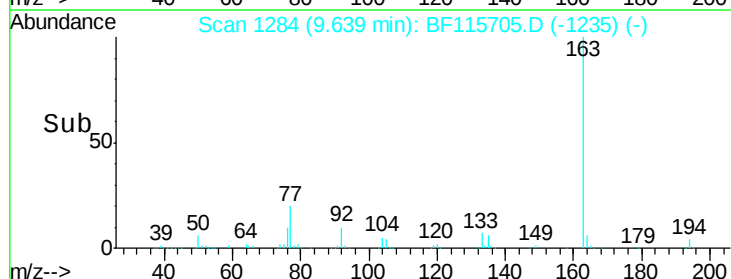
164 10.7 8.7 13.1

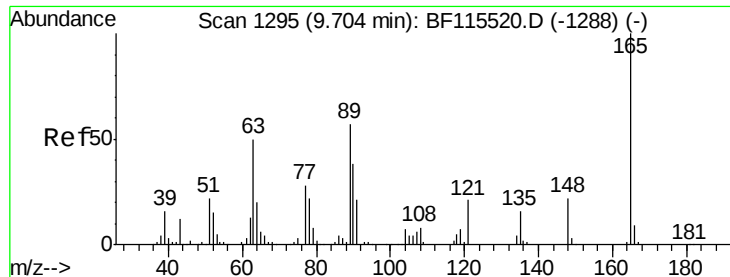


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.738 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampled :

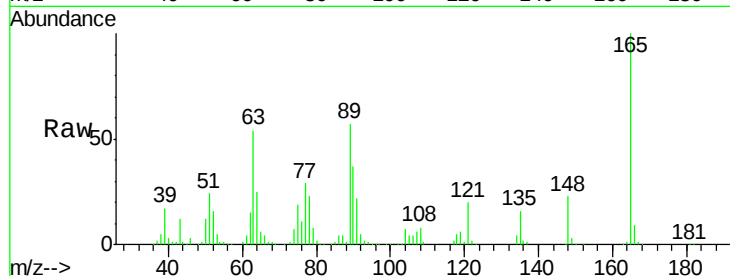
Tot Ion:165 Resp: 251478

Ion Ratio Lower Upper

165 100

63 53.9 40.6 61.0

89 57.3 43.9 65.9

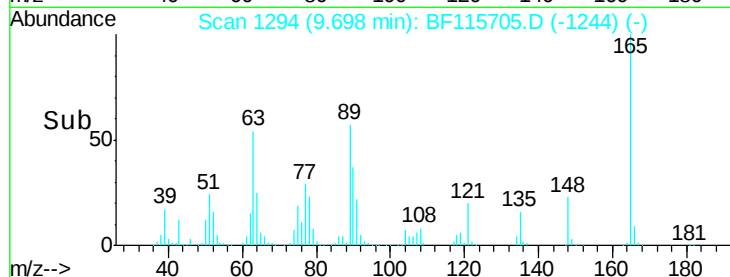


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



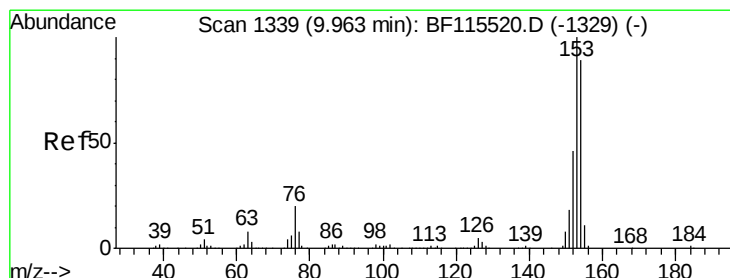
Abundance

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

Time-->



#52

Acenaphthene

Concen: 36.350 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

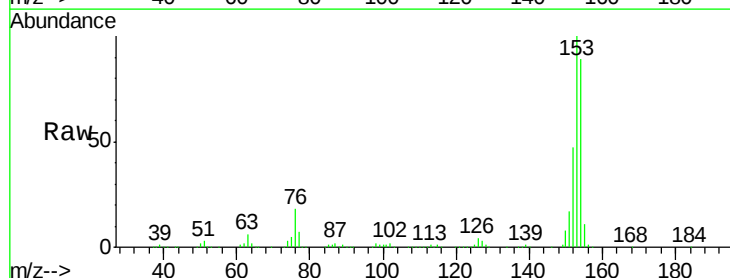
Tgt Ion:154 Resp: 859465

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

152 53.2 42.3 63.5

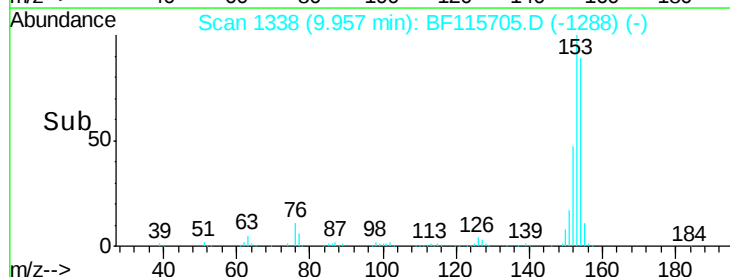


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



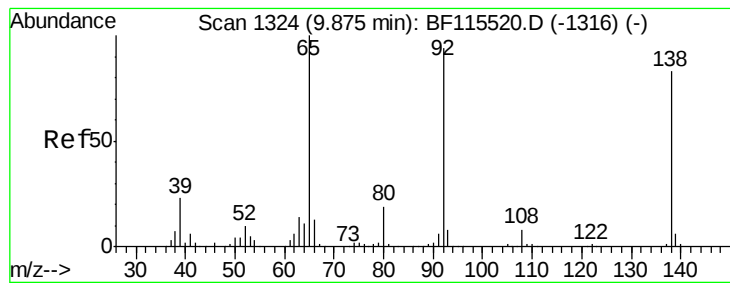
Abundance

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

Time-->



#53

3-Nitroaniline

Concen: 27.373 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

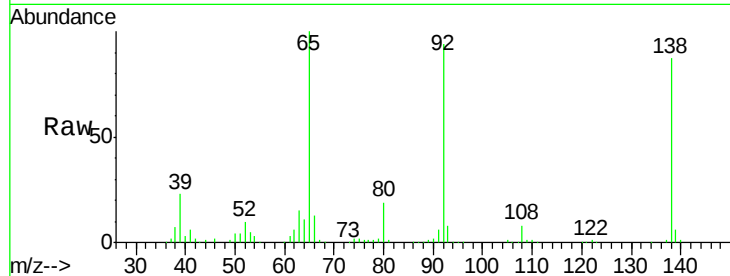
Tot Ion:138 Resp: 203067

Ion Ratio Lower Upper

138 100

108 9.4 8.4 12.6

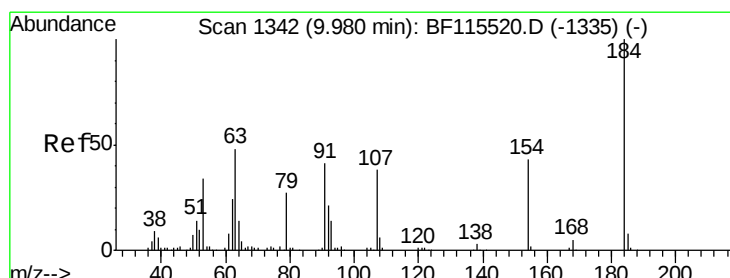
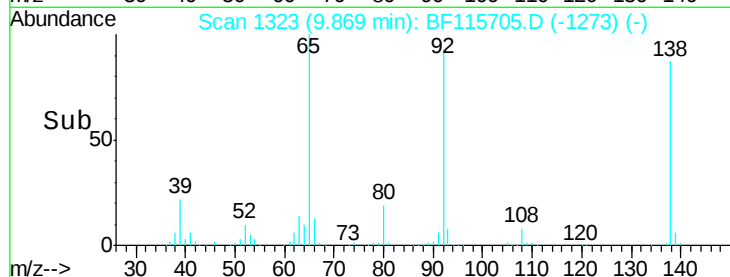
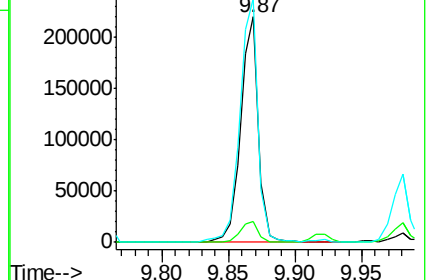
92 108.2 88.0 132.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 72.732 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

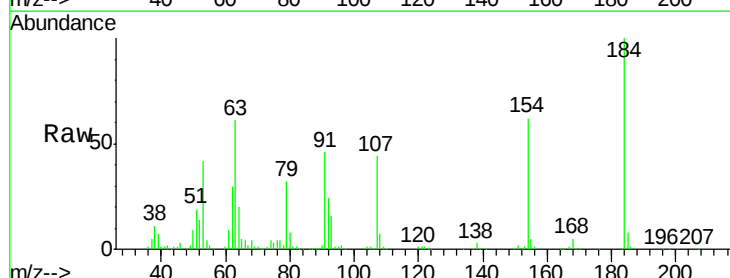
Tgt Ion:184 Resp: 242415

Ion Ratio Lower Upper

184 100

63 61.0 48.7 73.1

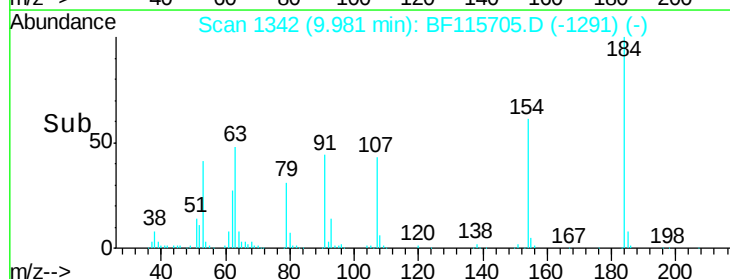
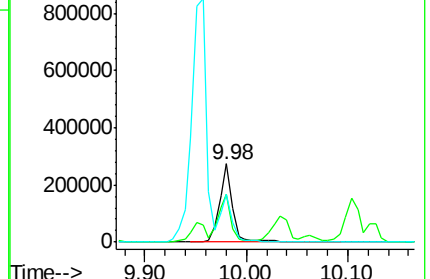
154 61.6 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

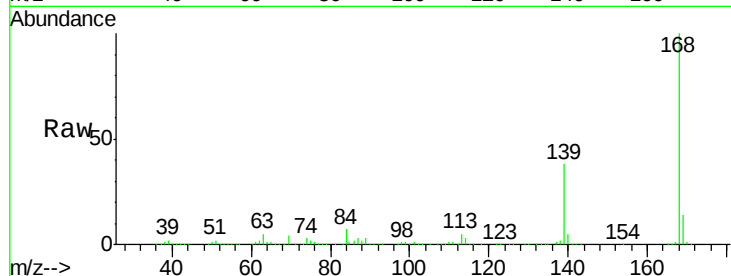




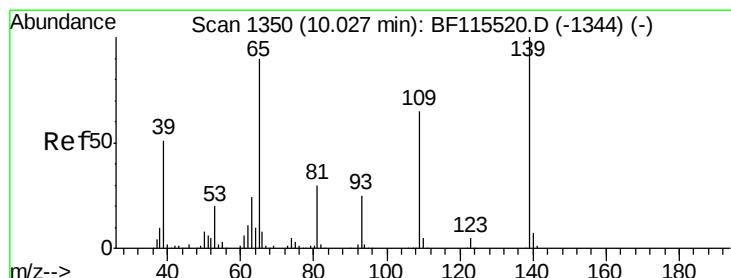
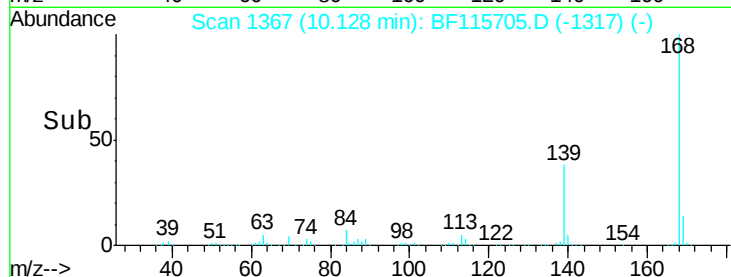
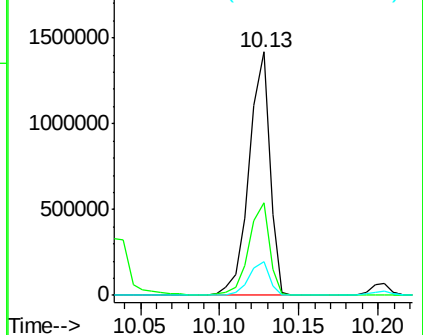
#55
Dibenzenofuran
Concen: 38.330 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1287011
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 14.0 11.1 16.7

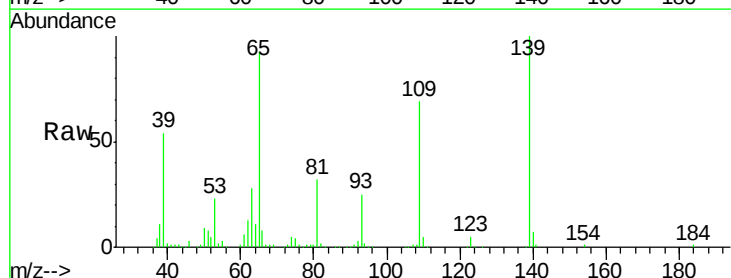


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

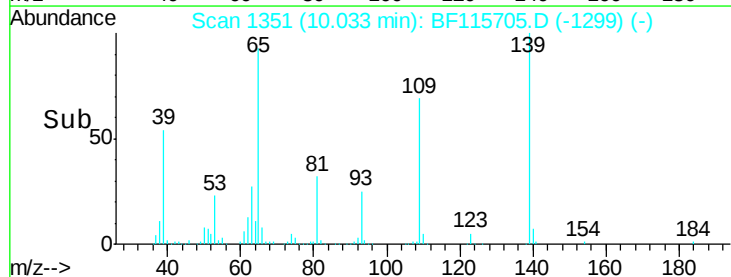
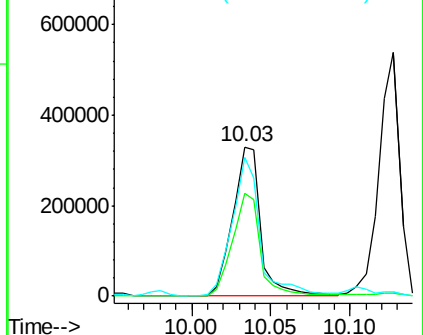


#56
4-Nitrophenol
Concen: 71.471 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:139 Resp: 404310
Ion Ratio Lower Upper
139 100
109 69.0 46.4 86.4
65 92.8 68.9 108.9



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

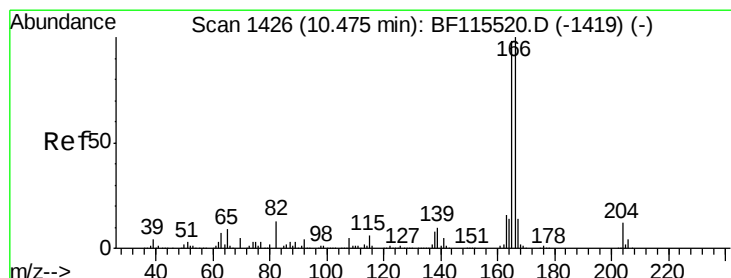
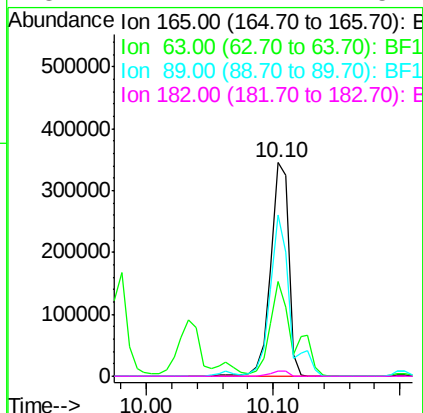
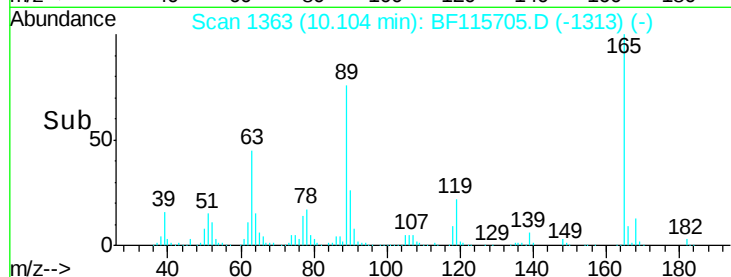
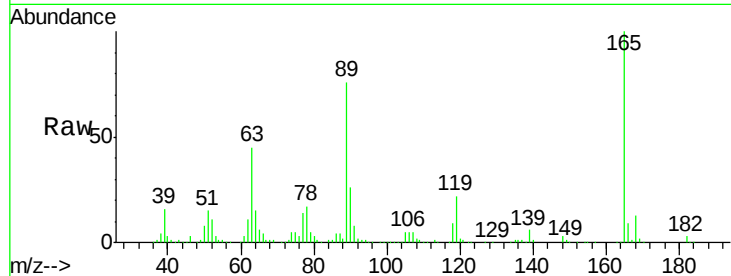




#57
2,4-Dinitrotoluene
Concen: 40.205 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

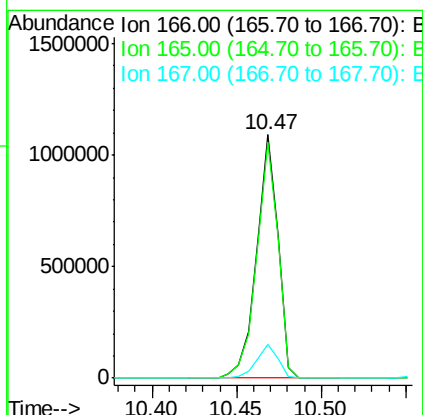
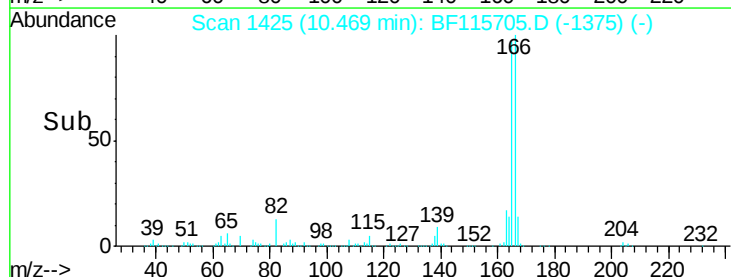
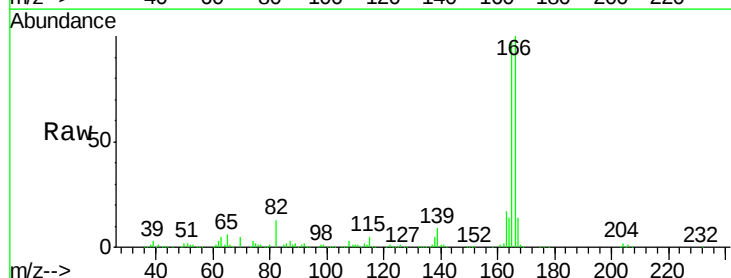
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	34.9	52.3
89	75.8	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 40.411 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.6
167	13.6	11.2	16.8

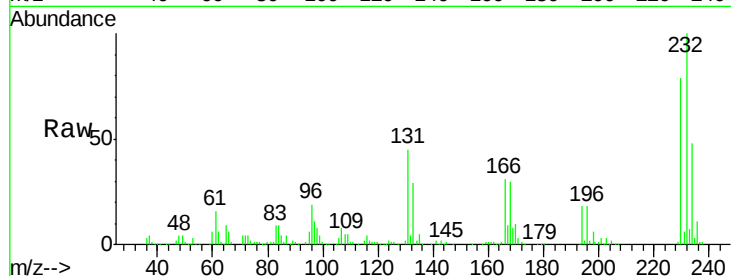




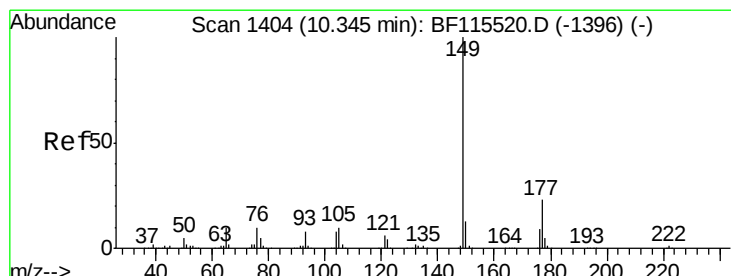
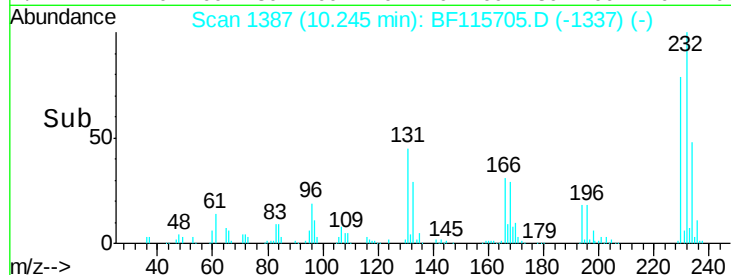
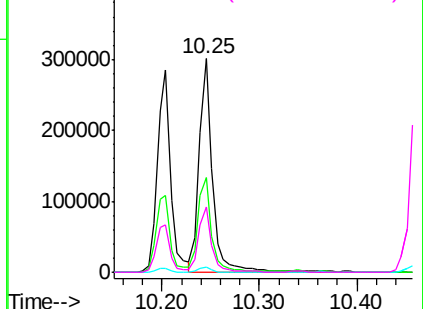
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.610 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 283524
Ion Ratio Lower Upper
232 100
131 45.7 35.9 53.9
130 2.3 1.8 2.6
166 30.3 24.8 37.2

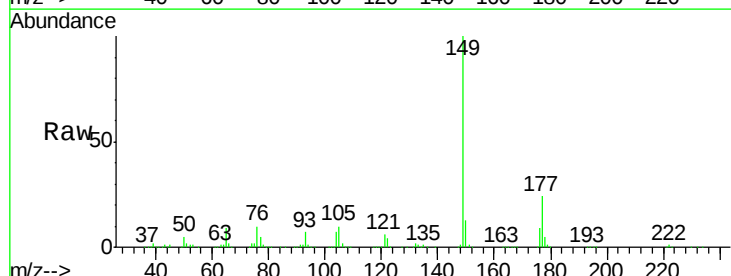


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

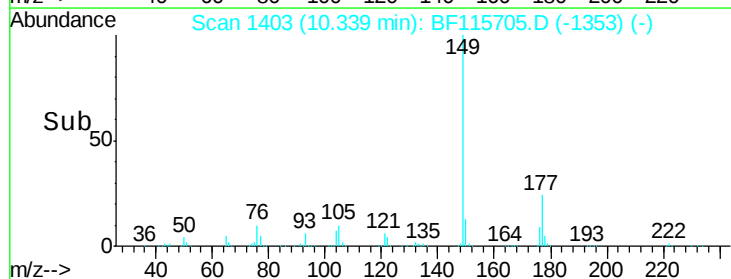
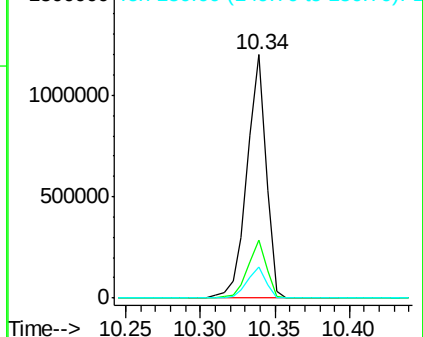


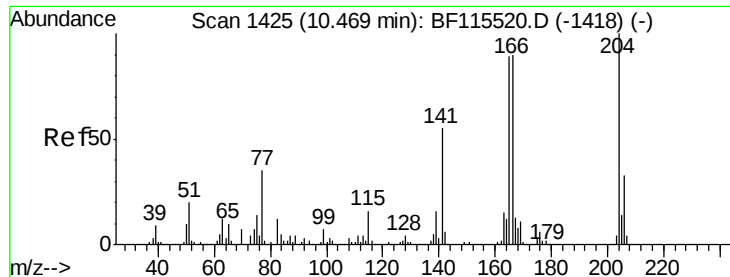
#60
Diethylphthalate
Concen: 39.496 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:149 Resp: 1057115
Ion Ratio Lower Upper
149 100
177 23.7 19.5 29.3
150 12.8 10.4 15.6



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





#61

4-Chlorophenyl-phenylether

Concen: 37.254 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampled :

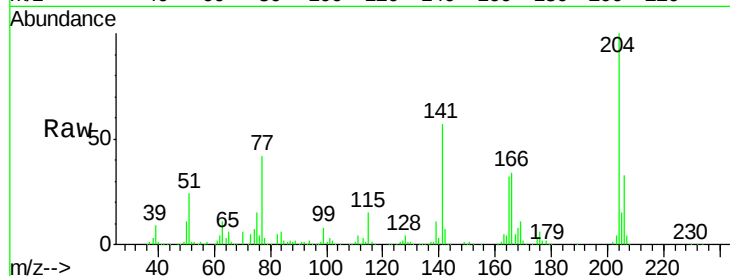
Tot Ion:204 Resp: 495902

Ion Ratio Lower Upper

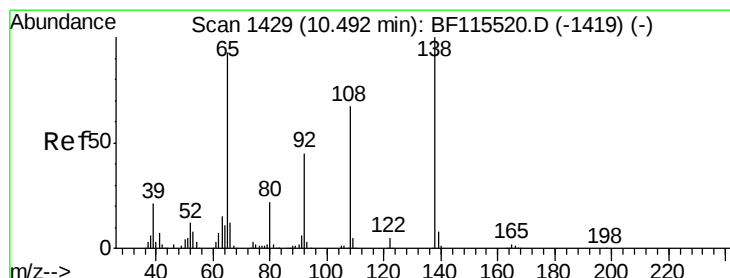
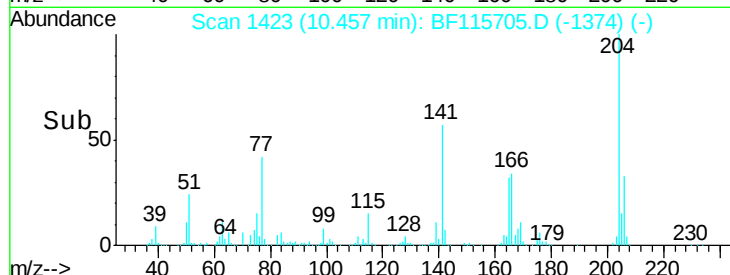
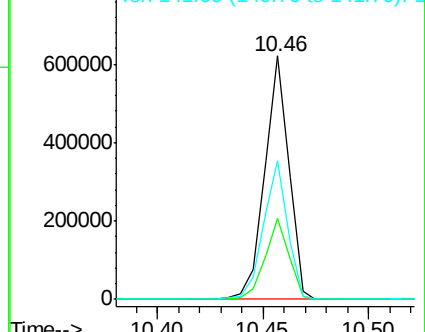
204 100

206 33.4 26.7 40.1

141 57.2 44.2 66.2



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



#62

4-Nitroaniline

Concen: 36.481 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

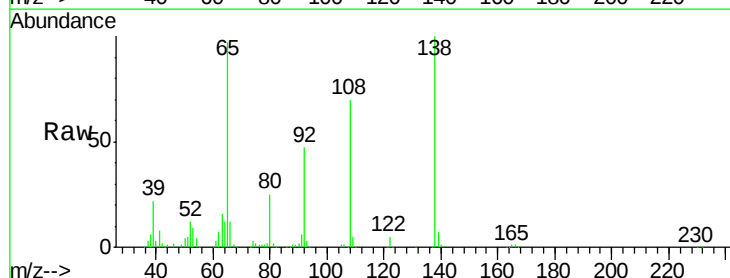
Tgt Ion:138 Resp: 259594

Ion Ratio Lower Upper

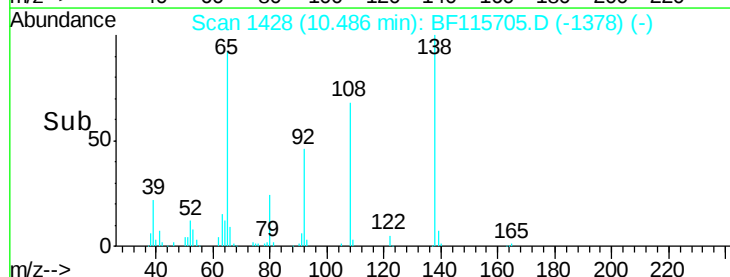
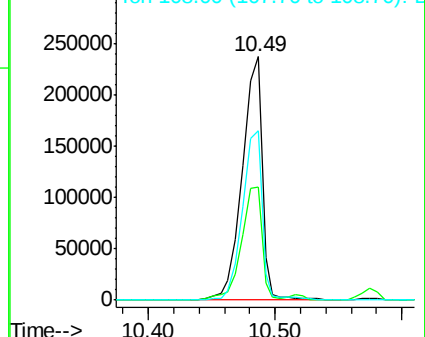
138 100

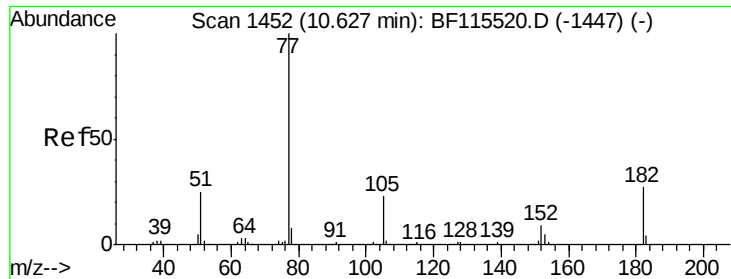
92 46.6 27.1 67.1

108 69.6 48.0 88.0



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





#63

Azobenzene

Concen: 41.347 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1073395

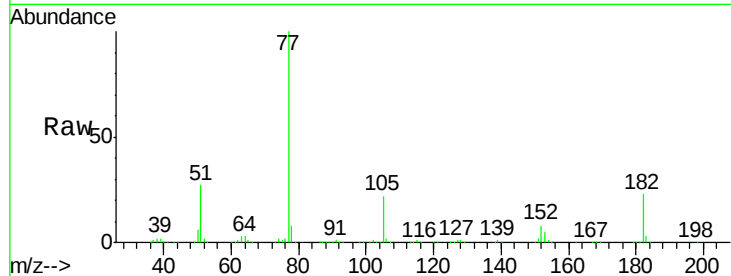
Ion	Ratio	Lower	Upper
77	100		
182	23.4	6.9	46.9
105	22.2	3.9	43.9
51	26.5	7.3	47.3

77 100

182 23.4 6.9 46.9

105 22.2 3.9 43.9

51 26.5 7.3 47.3

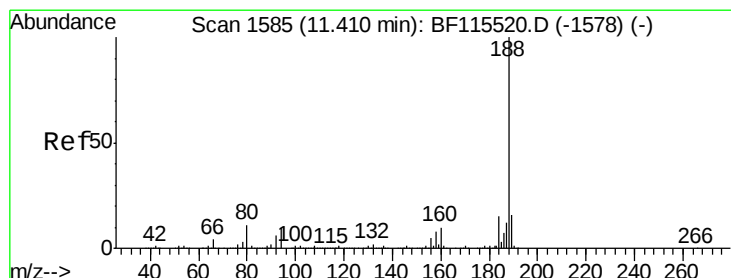
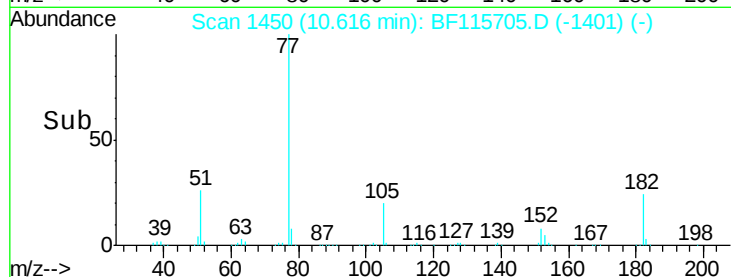
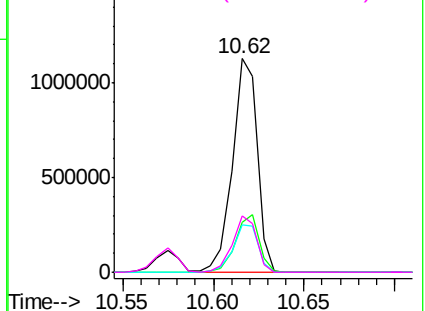


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

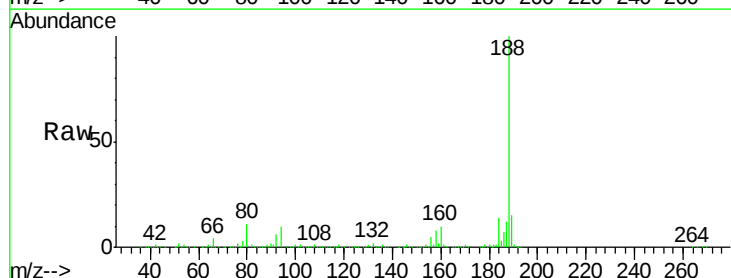
Tgt Ion: 188 Resp: 726381

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	10.9	8.6	13.0

188 100

94 10.2 7.8 11.6

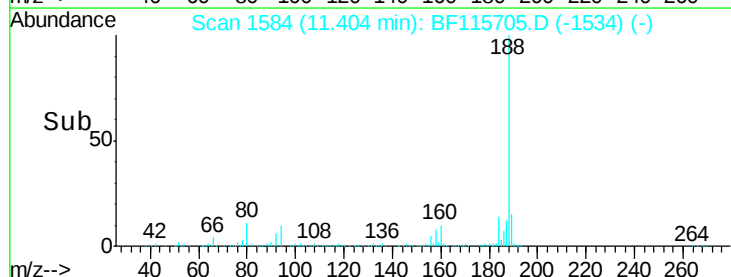
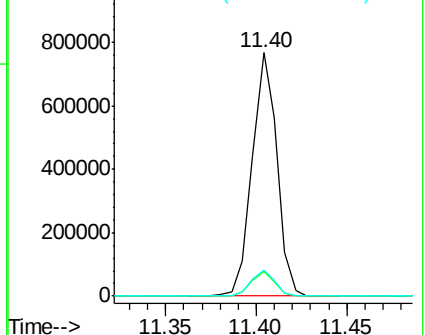
80 10.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.485 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

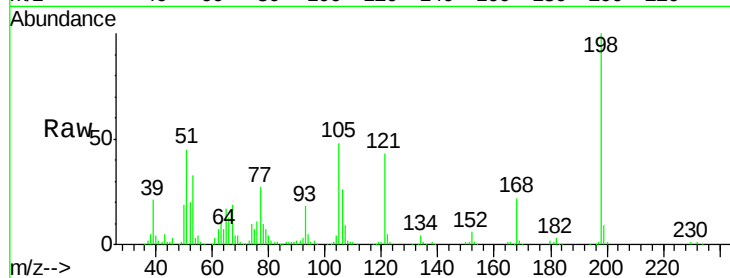
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 161919

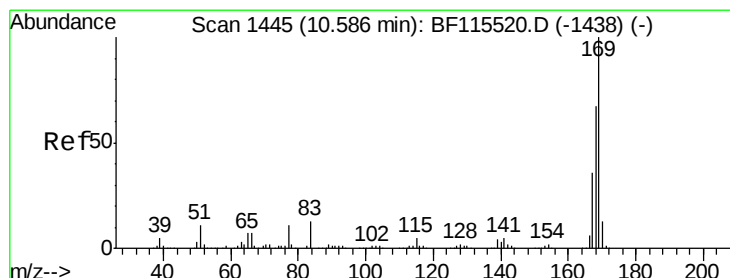
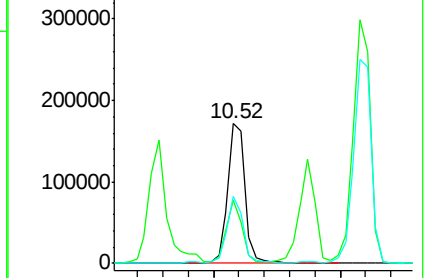
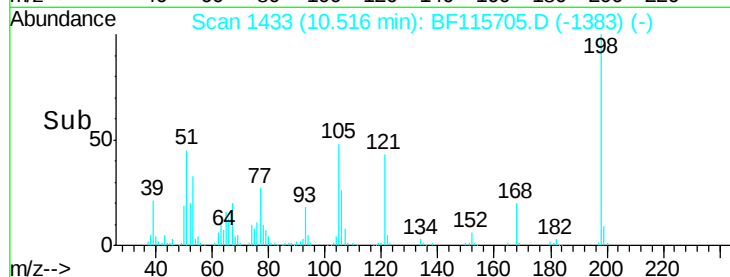
Ion	Ratio	Lower	Upper
198	100		
51	45.0	19.1	59.1
105	48.1	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.269 ng

RT: 10.57 min Scan# 1443

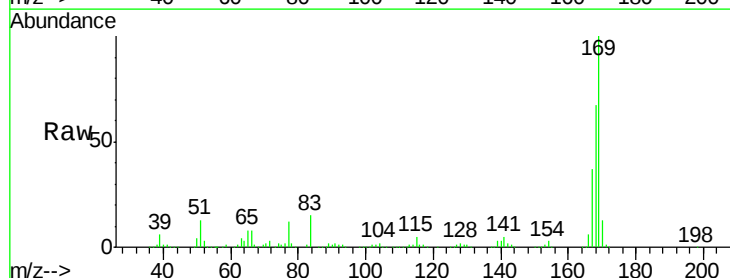
Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Tgt Ion:169 Resp: 887280

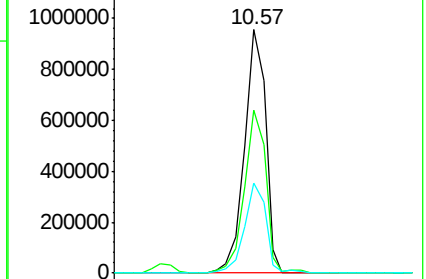
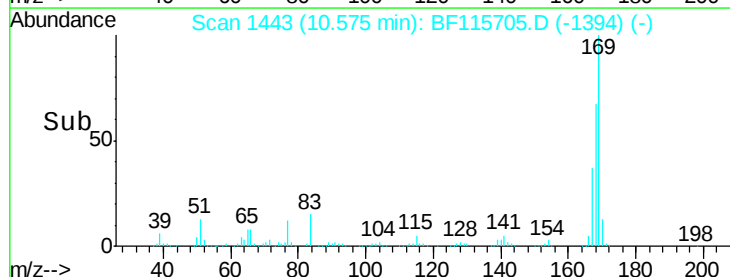
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.3	81.5
167	36.8	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



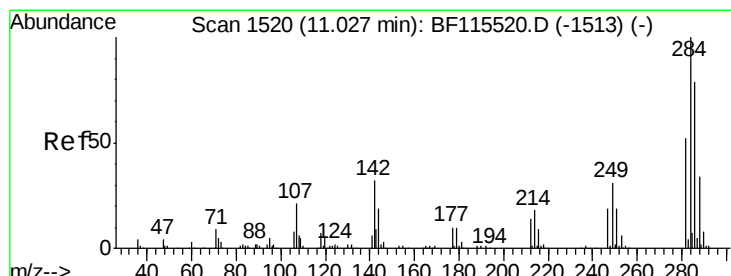
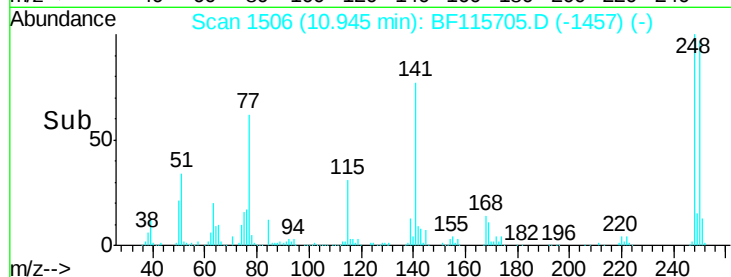
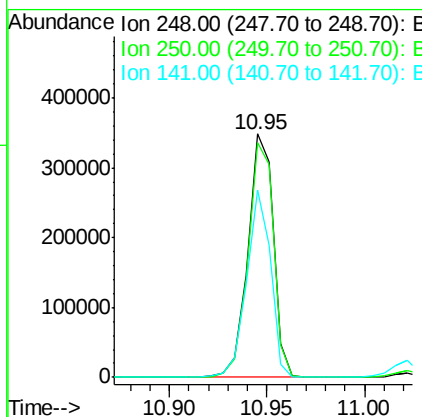
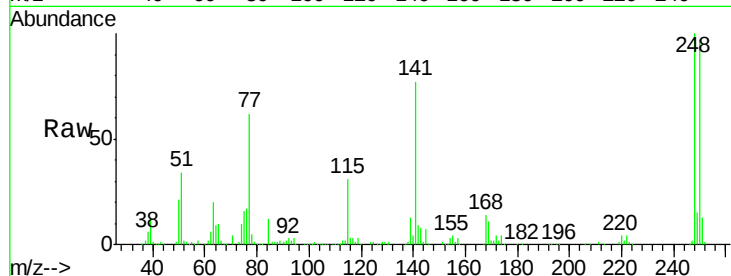


#67
 4-Bromophenyl-phenylether
 Concen: 37.827 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 313996

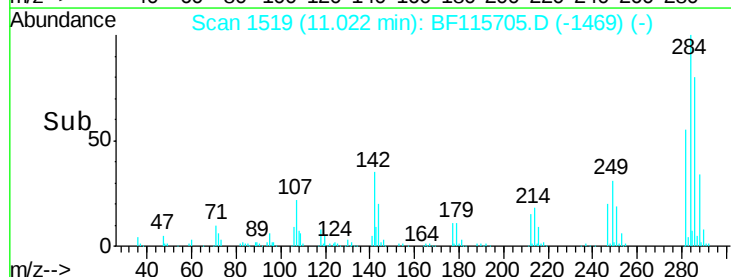
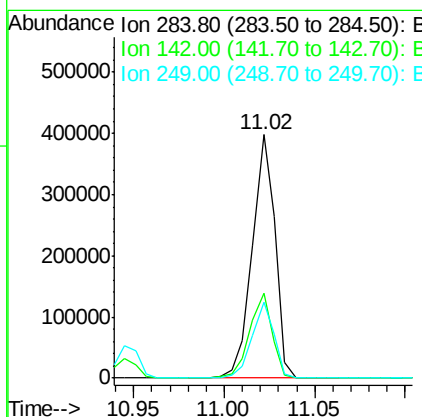
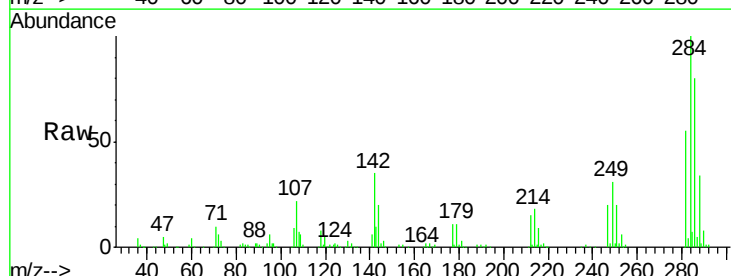
Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.0	117.0
141	77.2	57.7	86.5



#68
 Hexachlorobenzene
 Concen: 36.728 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion:284 Resp: 348168

Ion	Ratio	Lower	Upper
284	100		
142	35.1	22.2	33.2#
249	31.3	23.4	35.2

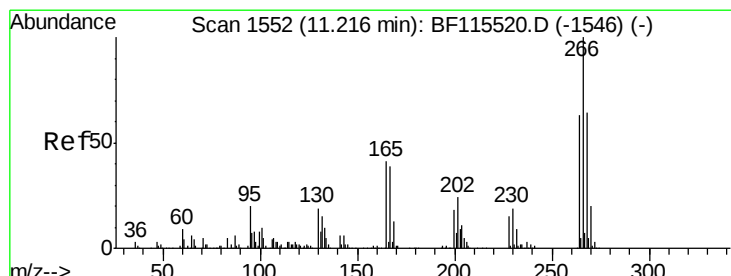
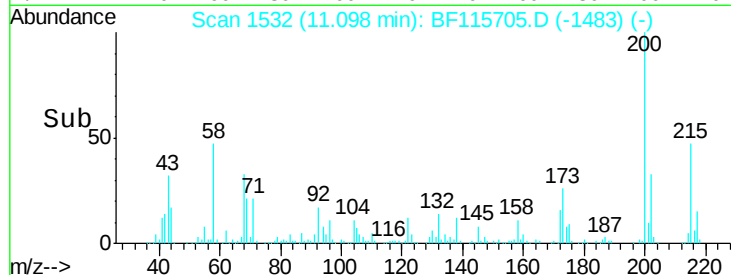
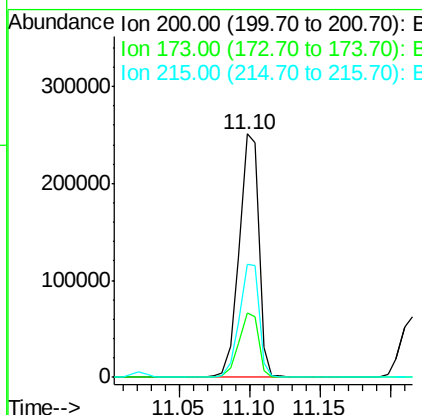
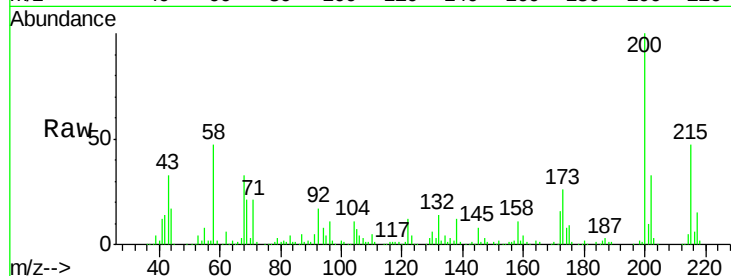




#69
Atrazine
Concen: 33.033 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

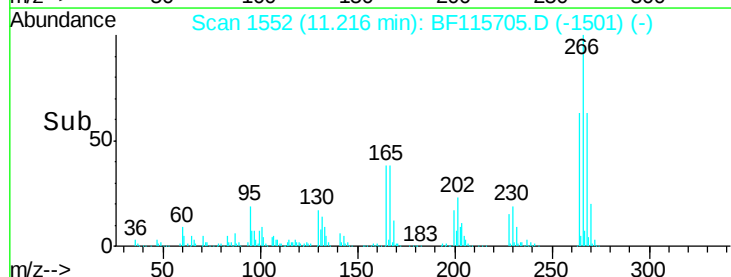
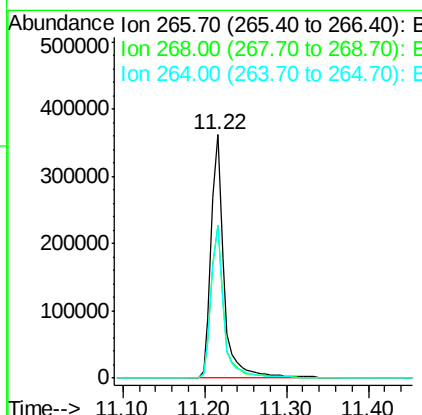
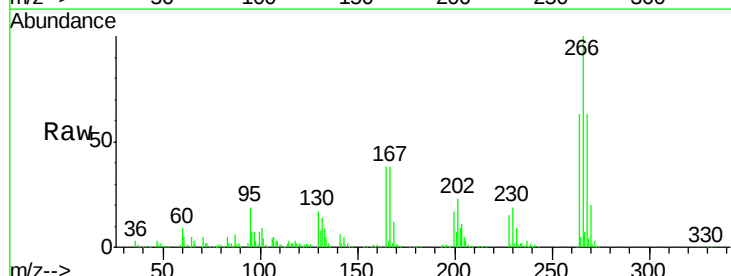
Instrument :
BNA_F
ClientSampleId :

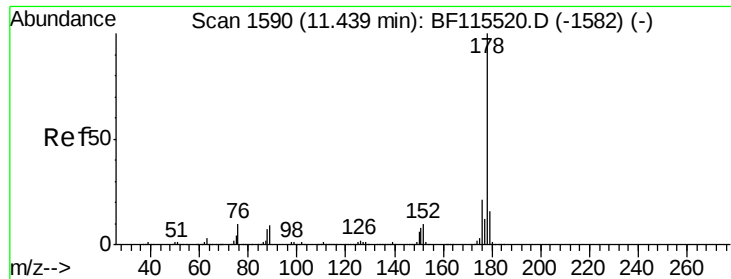
Tot Ion:200 Resp: 244858
Ion Ratio Lower Upper
200 100
173 26.5 6.9 46.9
215 46.5 27.9 67.9



#70
Pentachlorophenol
Concen: 68.390 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:266 Resp: 396517
Ion Ratio Lower Upper
266 100
268 62.8 51.6 77.4
264 62.8 50.6 76.0

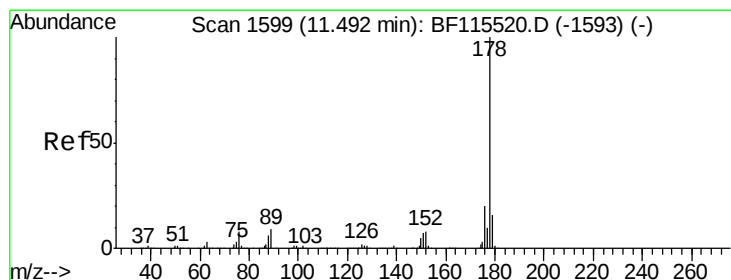
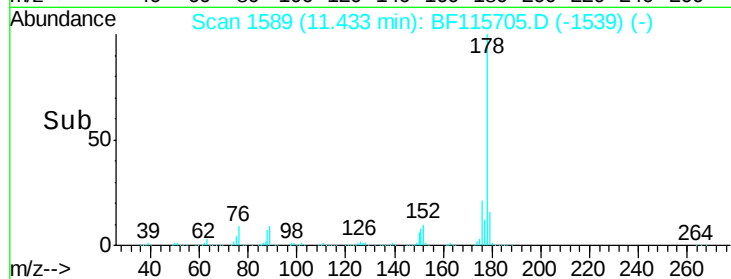
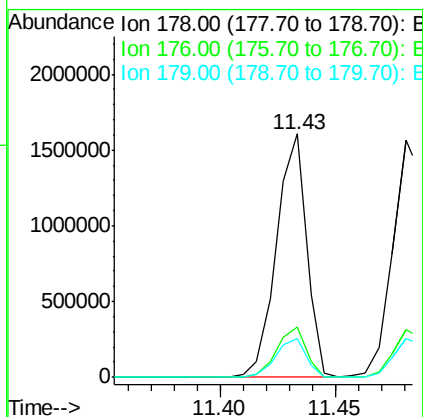
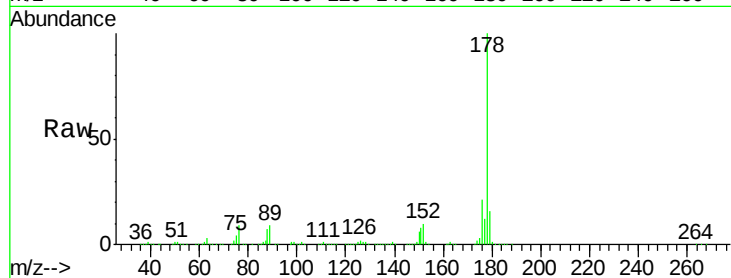




#71
Phenanthrene
Concen: 39.063 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

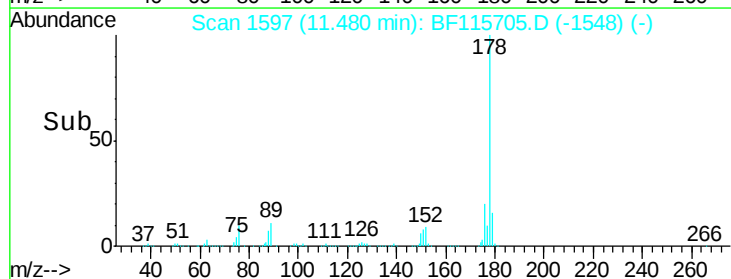
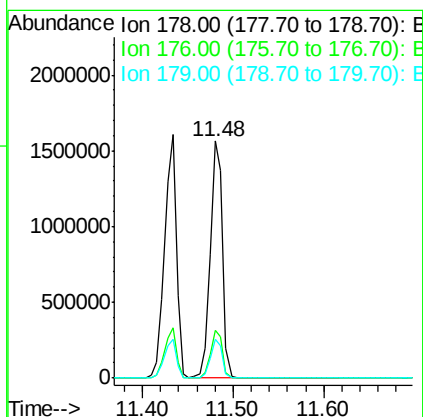
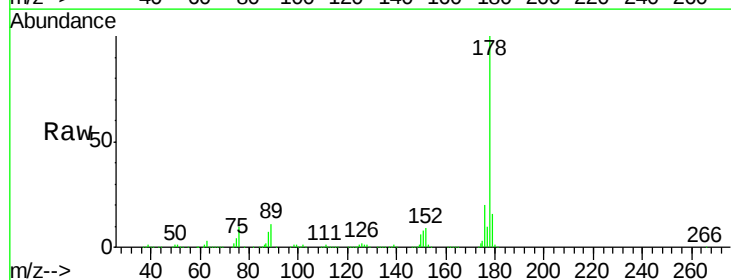
Instrument :
BNA_F
ClientSampleId :

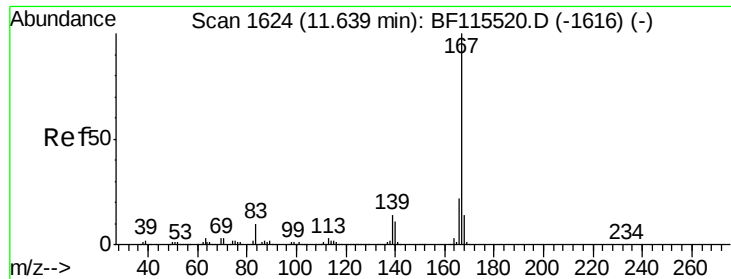
Tot Ion:178 Resp: 1454460
Ion Ratio Lower Upper
178 100
176 20.6 17.2 25.8
179 15.7 13.5 20.3



#72
Anthracene
Concen: 38.689 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:178 Resp: 1488717
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.4 12.7 19.1

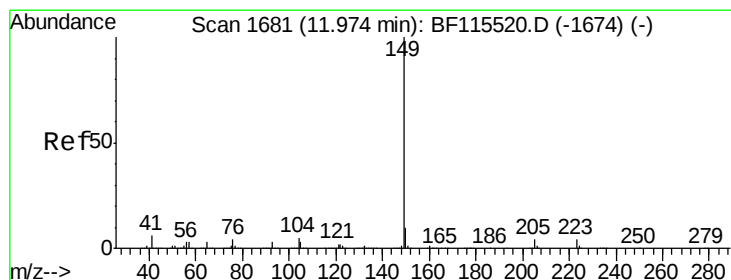
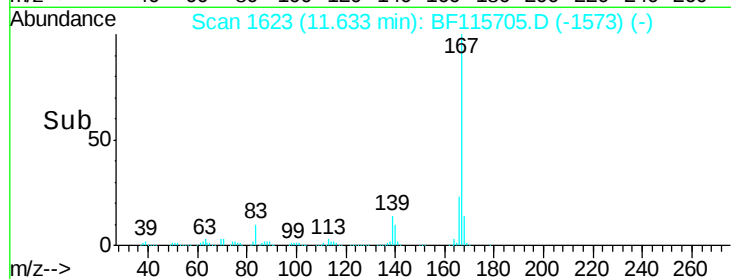
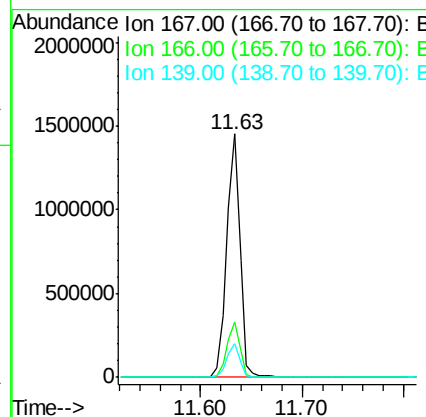
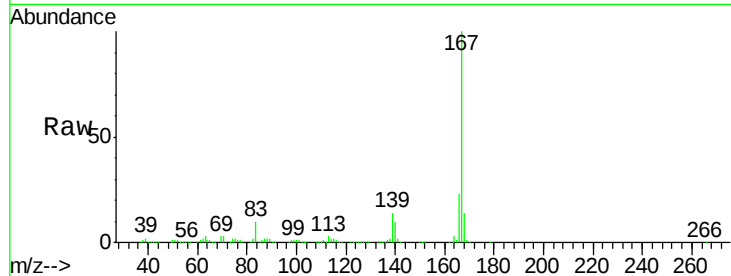




#73
 Carbazole
 Concen: 39.121 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

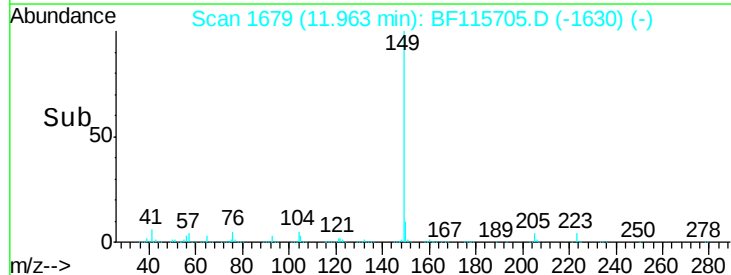
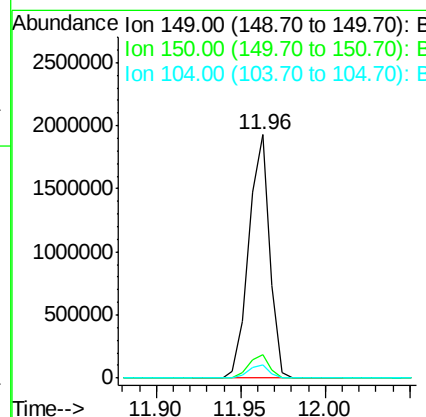
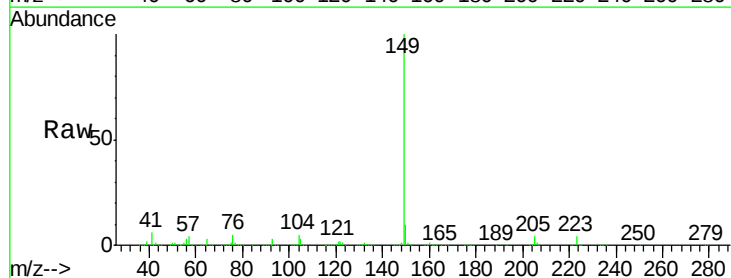
Instrument :
 BNA_F
 ClientSampleId :

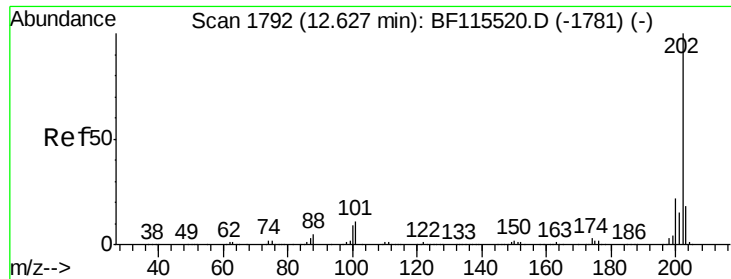
Tot Ion:167 Resp: 1320100
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 39.884 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion:149 Resp: 1657744
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.2 3.8 5.8

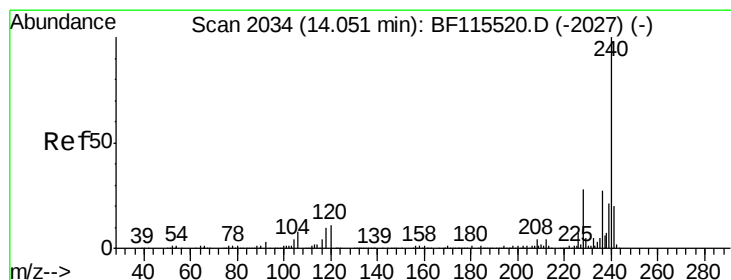
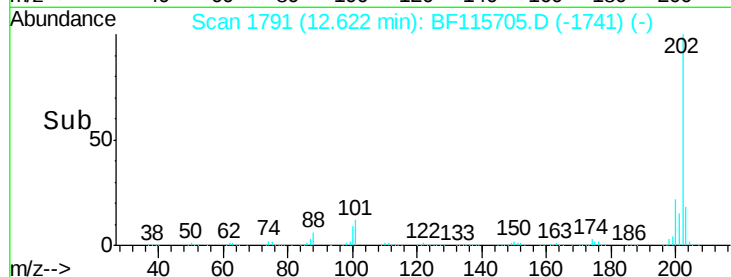
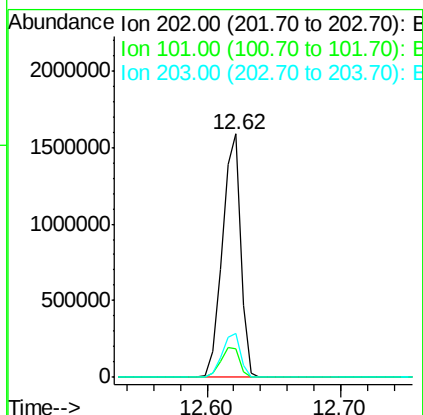
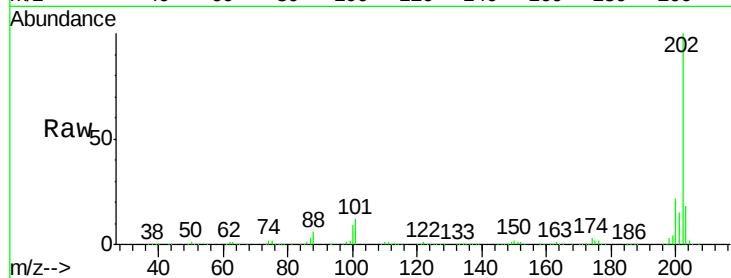




#75
 Fluoranthene
 Concen: 39.288 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

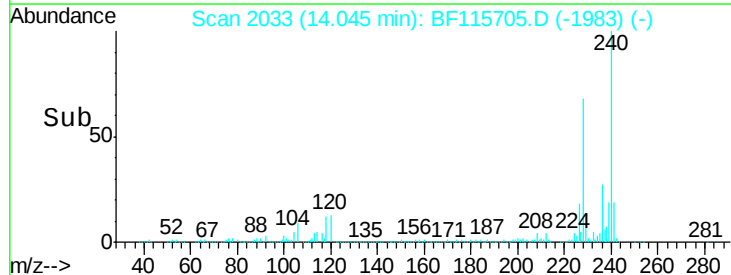
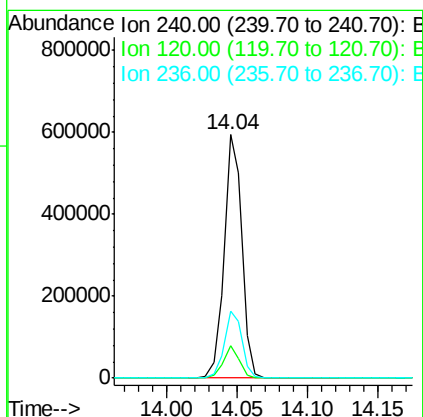
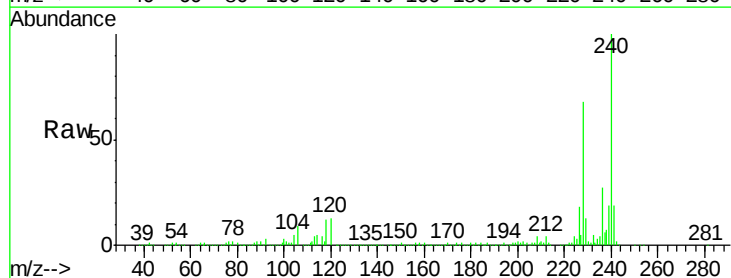
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1545828
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 17.9 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion:240 Resp: 517044
 Ion Ratio Lower Upper
 240 100
 120 13.2 8.6 13.0#
 236 27.3 21.3 31.9

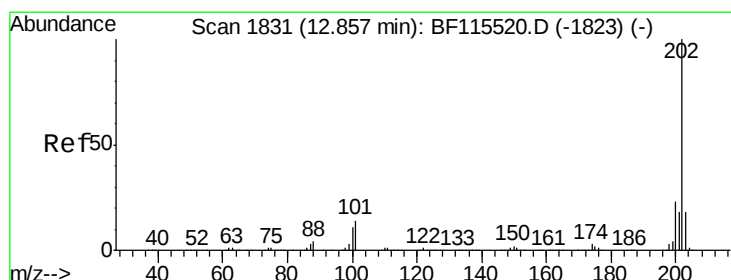
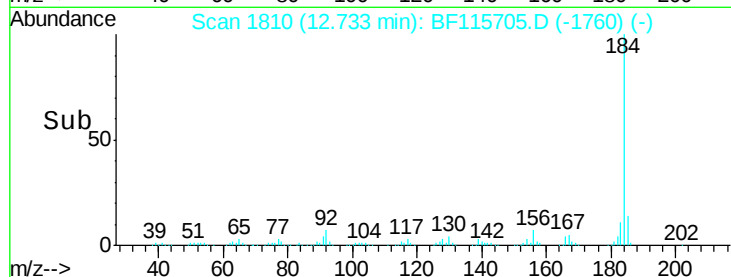
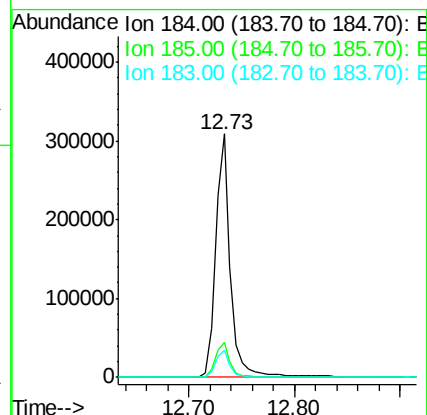
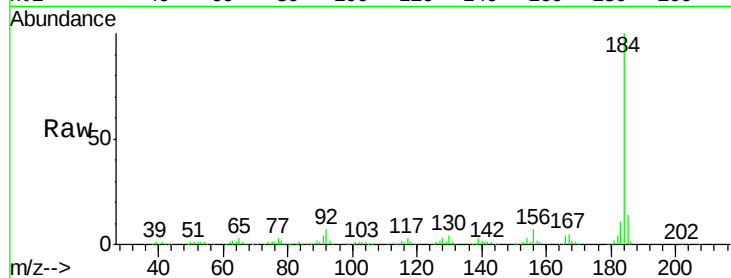




#77
Benzidine
Concen: 16.487 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

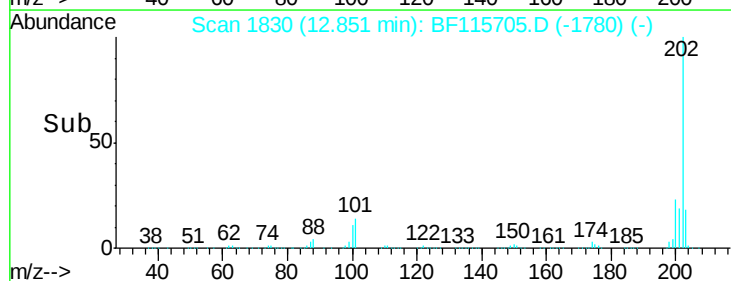
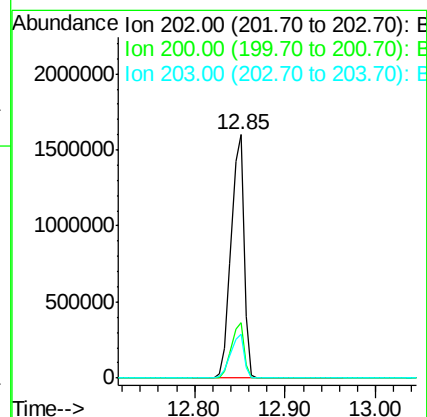
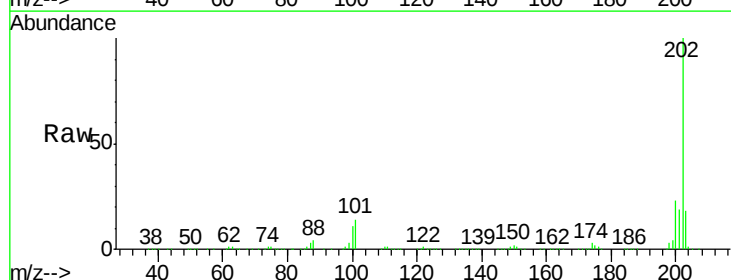
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 301981
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.2 9.3 13.9



#78
Pyrene
Concen: 35.846 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:202 Resp: 1570267
Ion Ratio Lower Upper
202 100
200 22.6 18.7 28.1
203 17.9 15.2 22.8





#79

Terphenyl-d14

Concen: 71.993 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

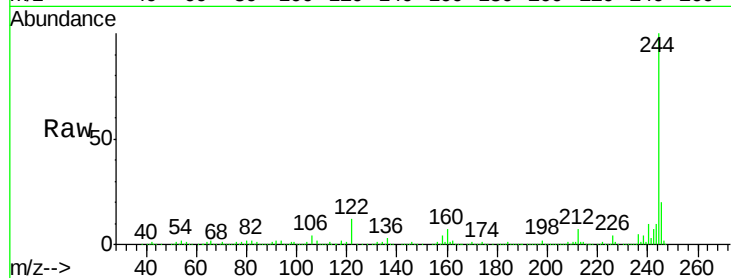
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2017358

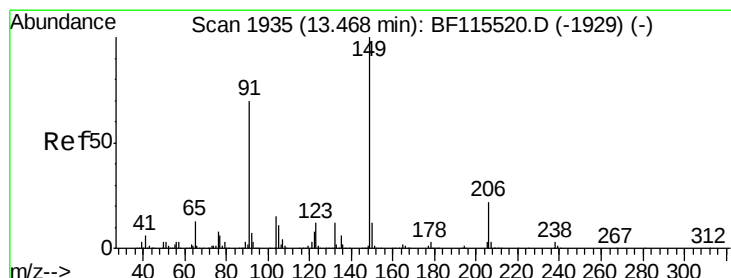
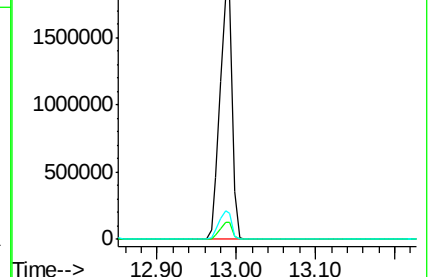
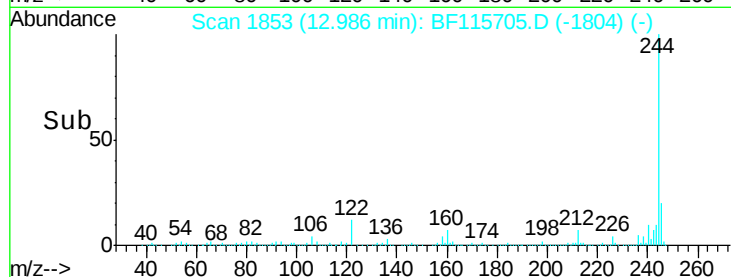
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.9	8.6	12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.504 ng

RT: 13.46 min Scan# 1933

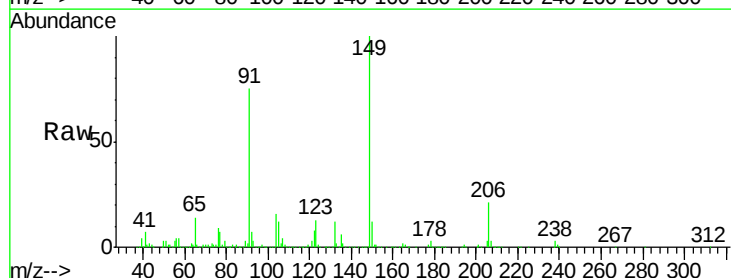
Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Tgt Ion:149 Resp: 719025

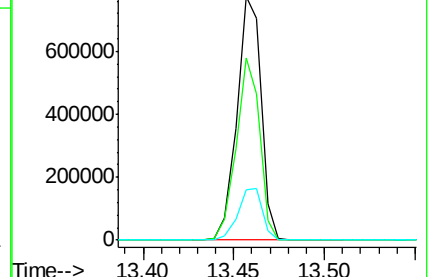
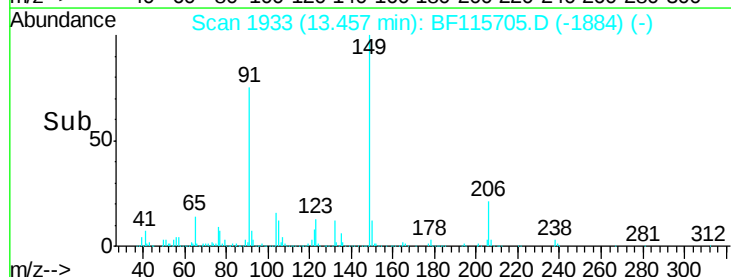
Ion	Ratio	Lower	Upper
149	100		
91	74.9	55.8	83.8
206	20.6	18.2	27.2

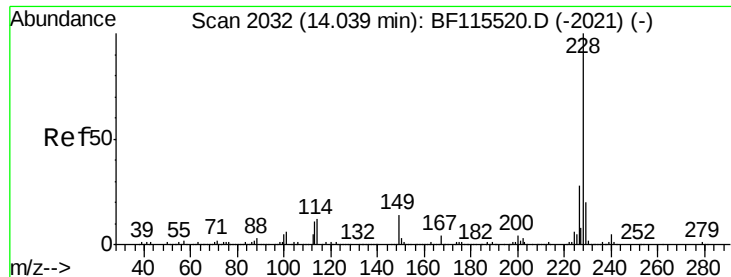


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

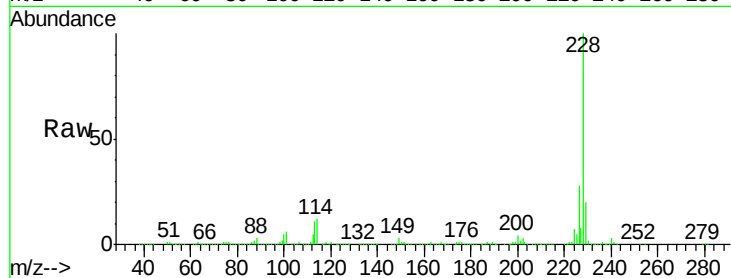




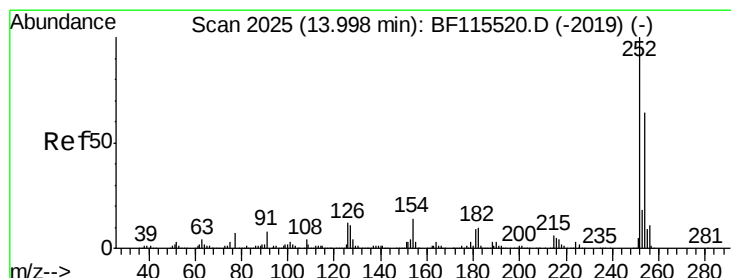
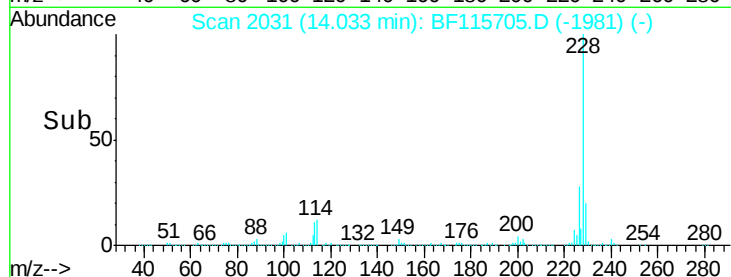
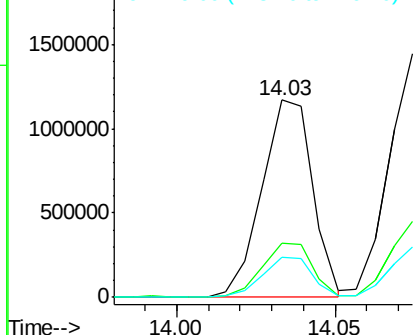
#81
Benzo(a)anthracene
Concen: 38.316 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1305156
Ion Ratio Lower Upper
228 100
226 27.7 23.4 35.0
229 20.2 17.2 25.8

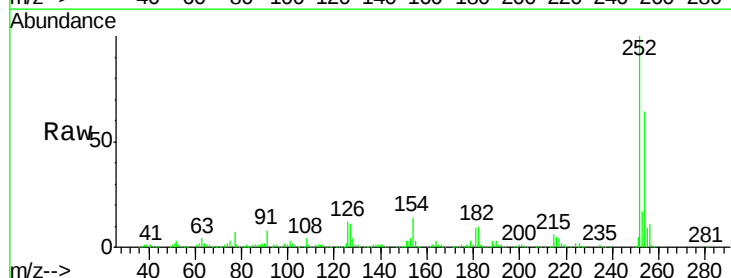


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

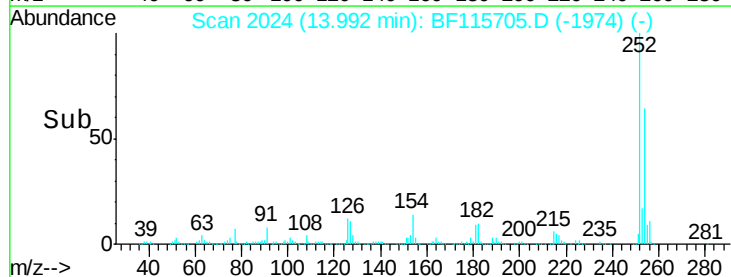
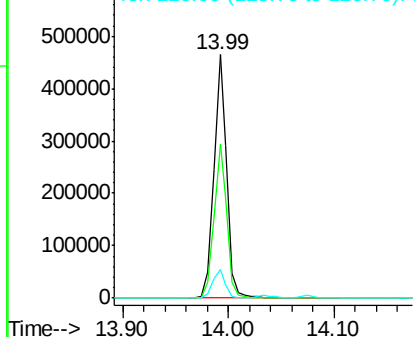


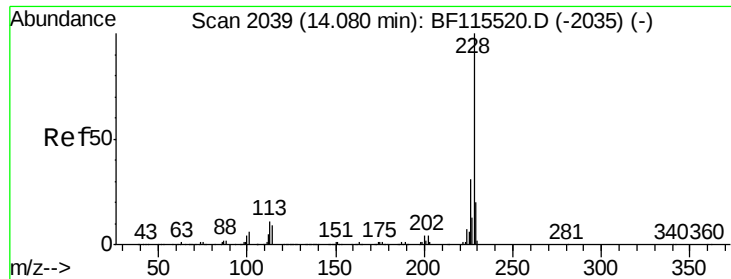
#82
3,3'-Dichlorobenzidine
Concen: 32.953 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:252 Resp: 399037
Ion Ratio Lower Upper
252 100
254 63.5 52.9 79.3
126 11.6 9.9 14.9



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





#83

Chrvsene

Concen: 38.112 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

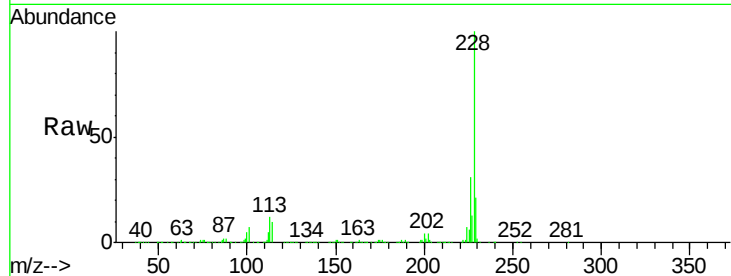
Tot Ion:228 Resp: 1303214

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

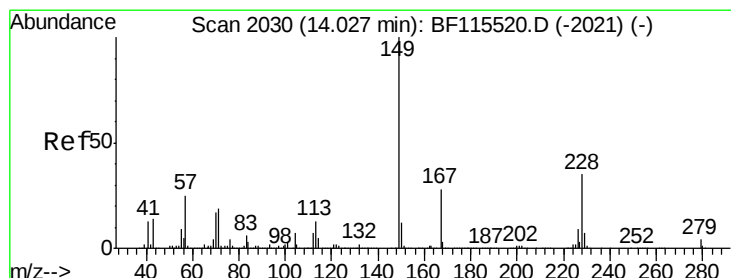
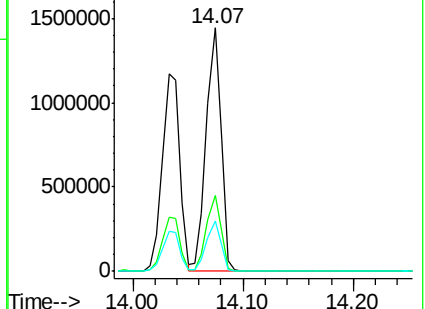
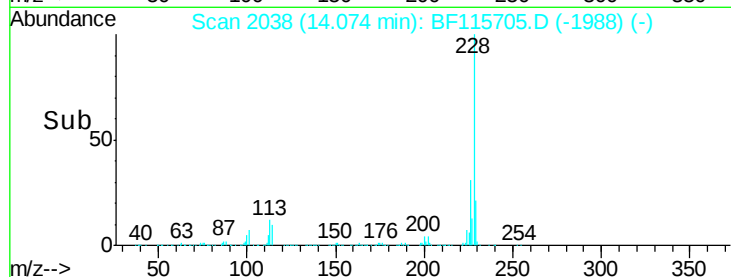
229 20.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.113 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

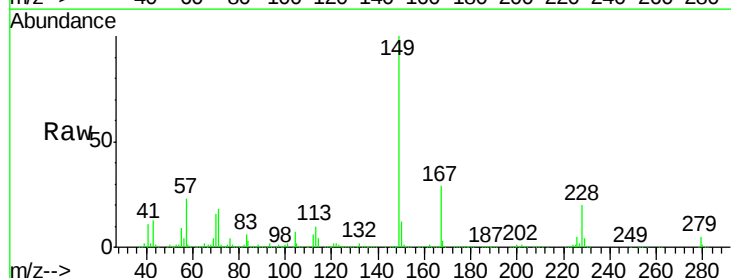
Tgt Ion:149 Resp: 997252

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

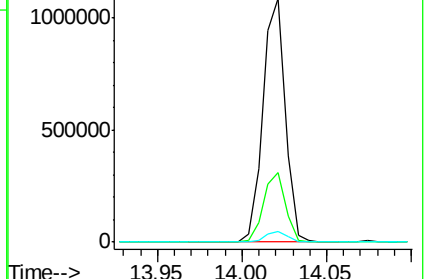
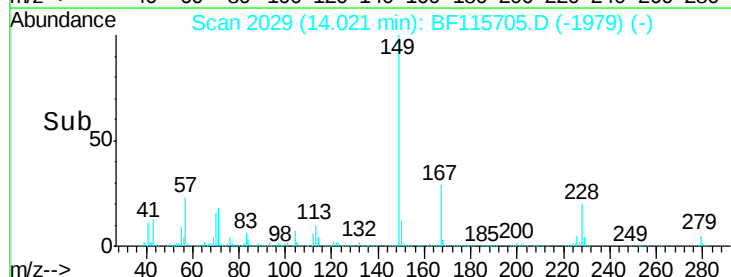
279 4.6 4.2 6.2

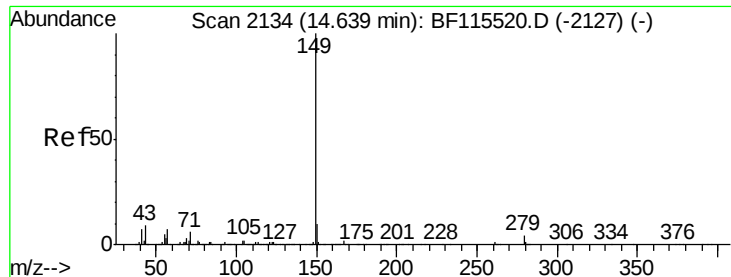


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.907 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Instrument :

BNA_F

ClientSampleId :

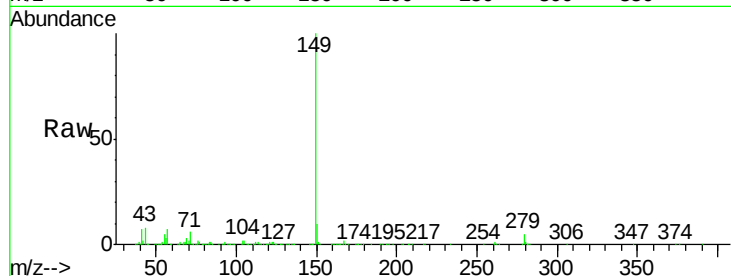
Tot Ion:149 Resp: 1615975

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

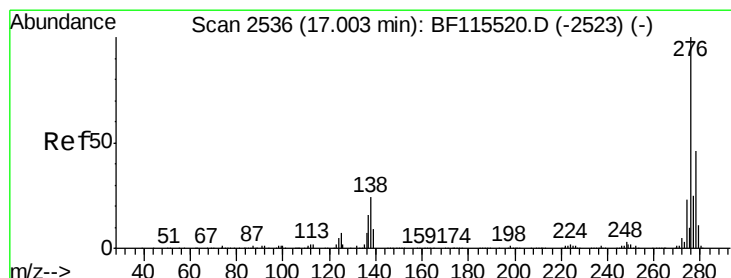
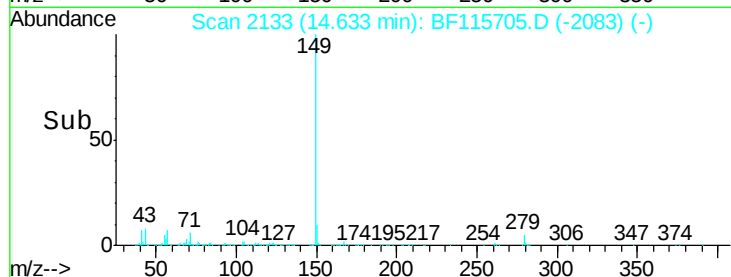
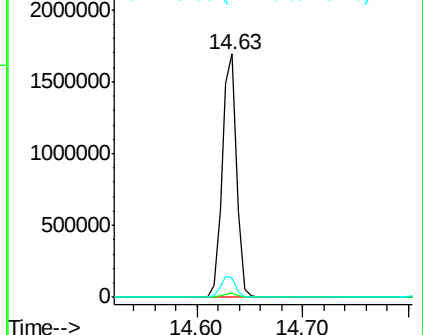
43 9.0 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.325 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

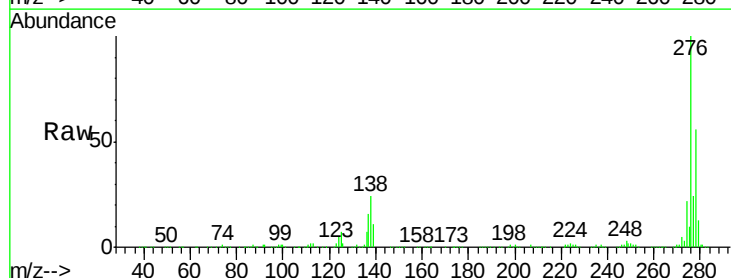
Tgt Ion:276 Resp: 1113389

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

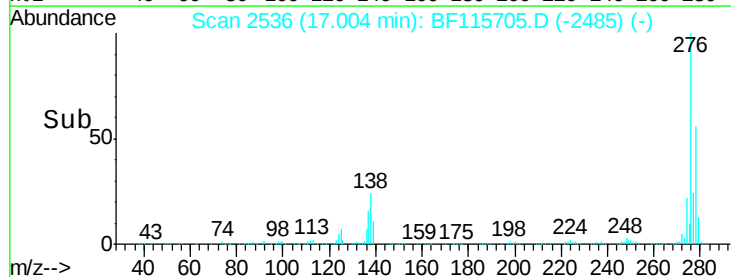
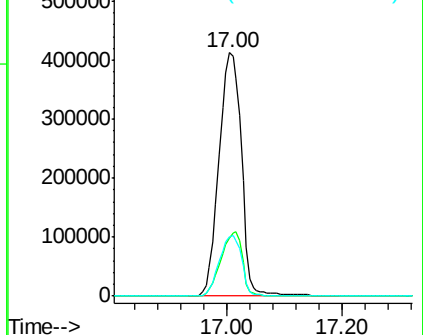
277 24.9 20.4 30.6

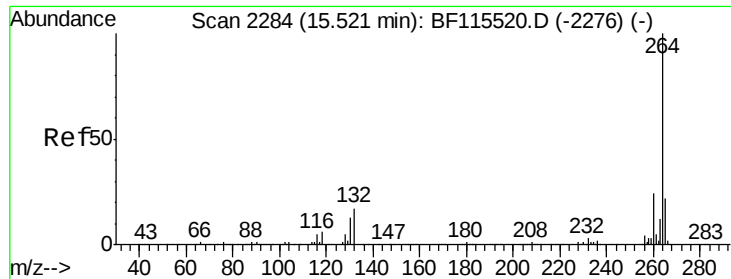


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

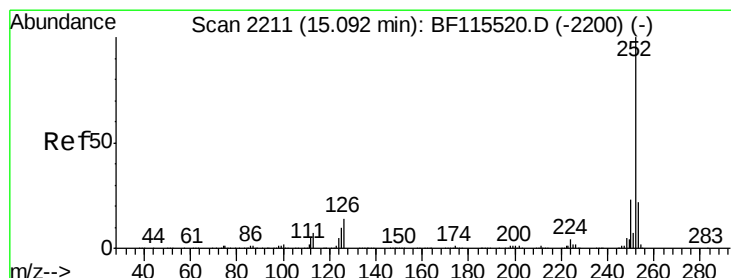
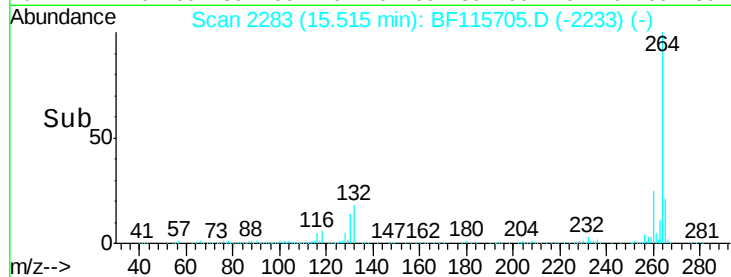
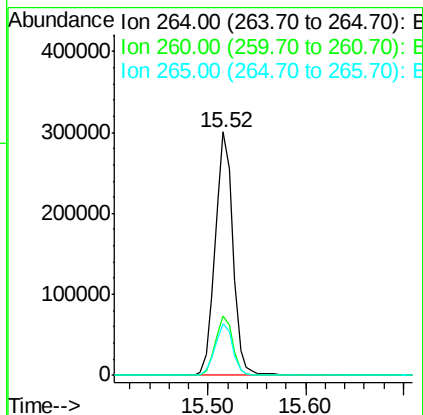
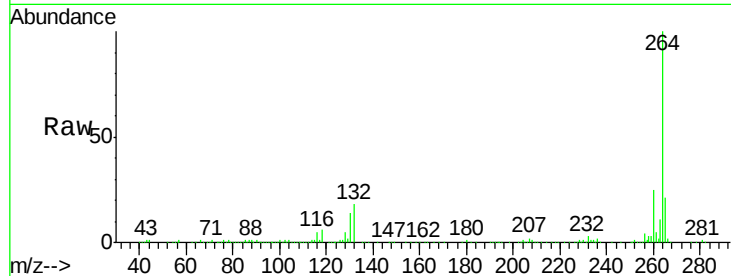




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

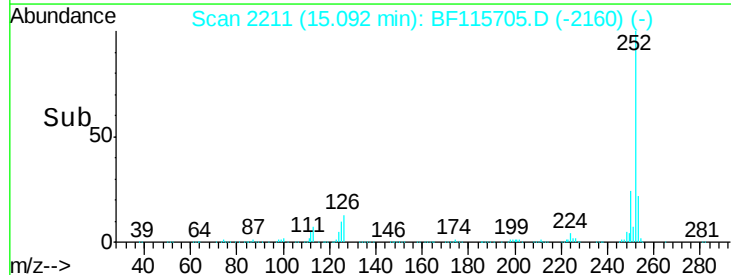
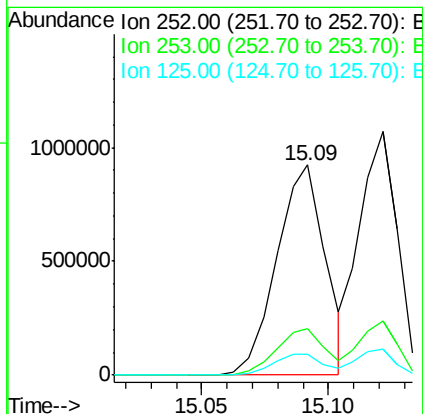
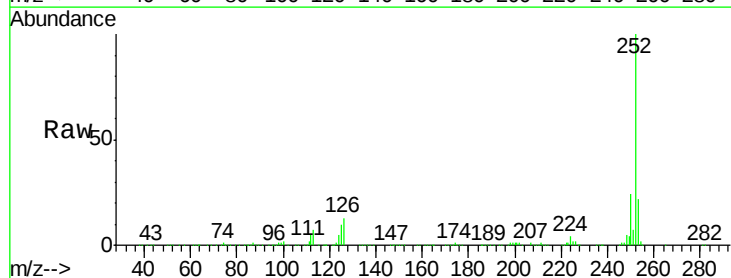
Instrument :
 BNA_F
 ClientSampleId :

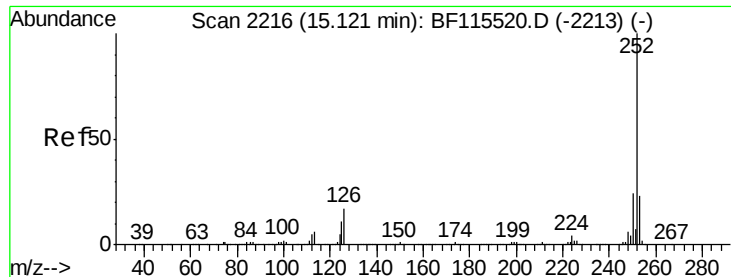
Tot Ion:264 Resp: 378642
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 21.4 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 50.482 ng
 RT: 15.09 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BF115705.D
 Acq: 22 Jul 2019 13:19

Tgt Ion:252 Resp: 1230828
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.1 27.1
 125 10.2 9.0 13.4

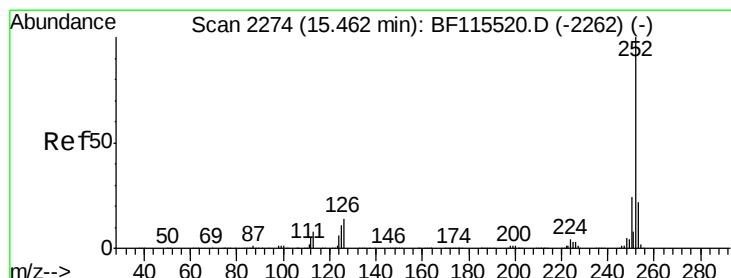
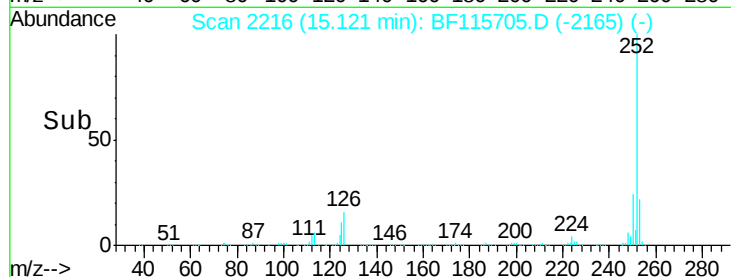
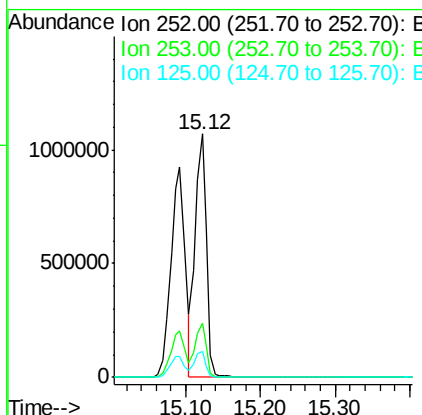
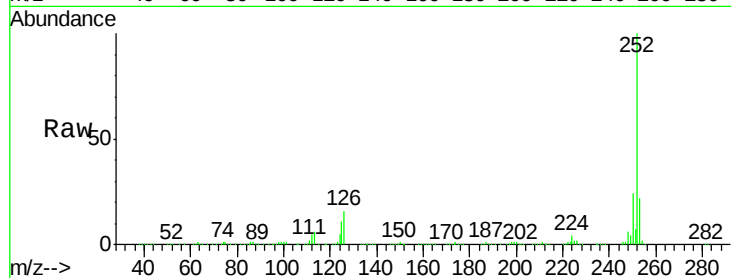




#89
Benzo(k)fluoranthene
Concen: 52.026 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

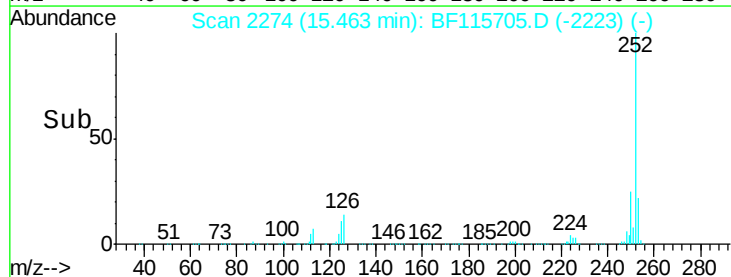
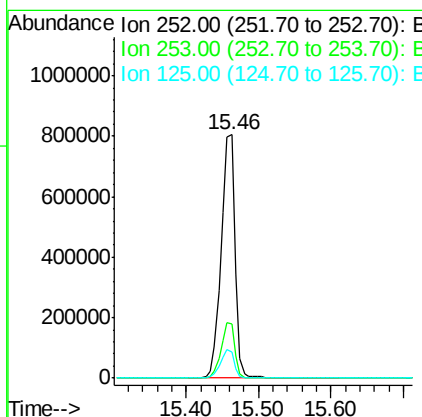
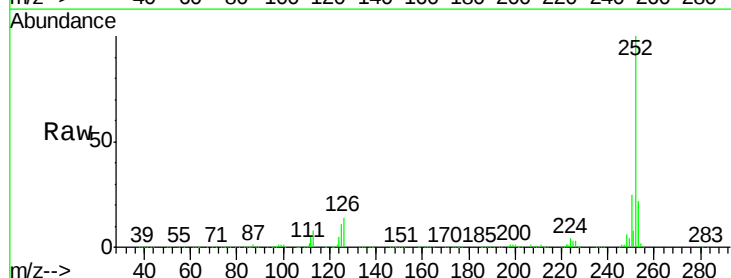
Instrument :
BNA_F
ClientSampled :

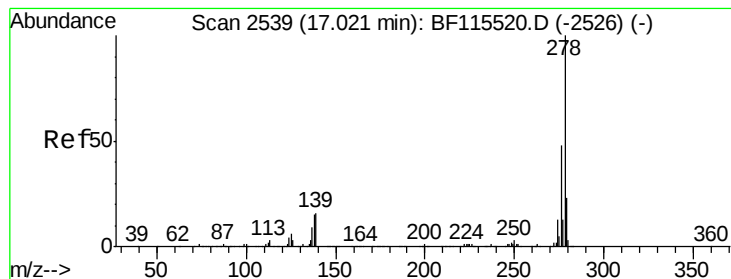
Tot Ion:252 Resp: 1130919
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.8 9.0 13.6



#90
Benzo(a)pyrene
Concen: 51.229 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115705.D
Acq: 22 Jul 2019 13:19

Tgt Ion:252 Resp: 1073544
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 51.096 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

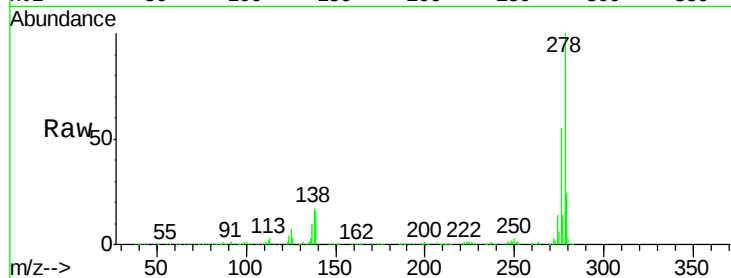
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 940005

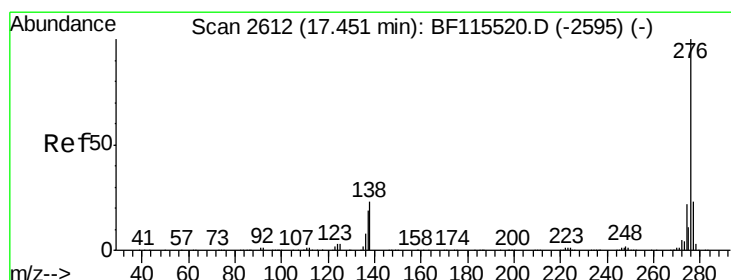
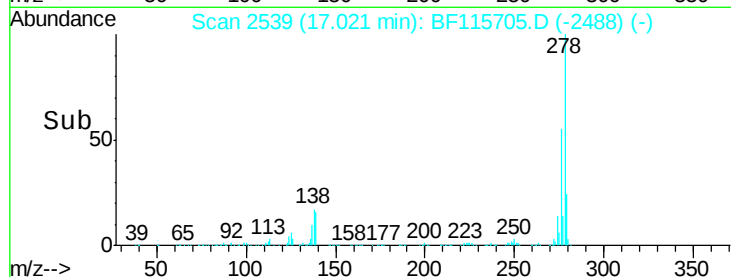
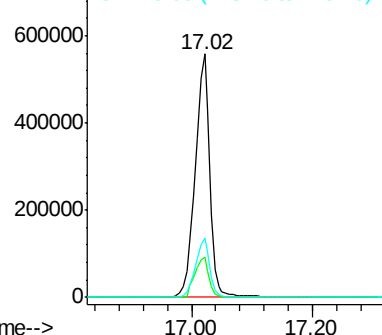
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	24.3	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.150 ng

RT: 17.46 min Scan# 2613

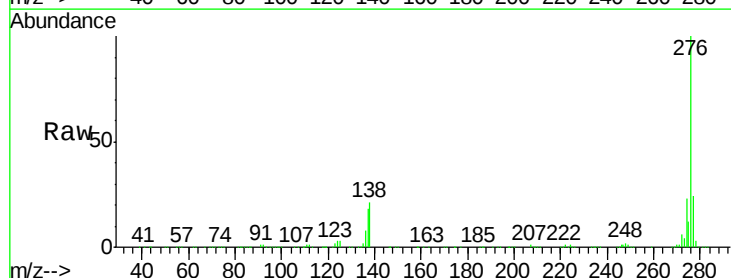
Delta R.T. 0.01 min

Lab File: BF115705.D

Acq: 22 Jul 2019 13:19

Tgt Ion:276 Resp: 901782

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	21.4	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

