

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115786.D
 Acq On : 26 Jul 2019 14:10
 Operator : HP/JU
 Sample : PB121741BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:59:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159226	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	645361	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	331087	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	623603	20.00	ng	0.00
76) Chrysene-d12	14.03	240	408466	20.00	ng	0.00
87) Perylene-d12	15.50	264	303659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	779607	80.09	ng	0.01
7) Phenol-d6	6.50	99	1002313	81.15	ng	0.00
23) Nitrobenzene-d5	7.43	82	945092	85.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	303245	78.47	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1762792	93.19	ng	0.00
79) Terphenyl-d14	12.97	244	1803709	81.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	175790	36.203	ng	100
3) Pyridine	3.50	79	432125	32.801	ng	99
4) n-Nitrosodimethylamine	3.45	42	198270	41.486	ng	99
6) Aniline	6.53	93	427821	24.889	ng	99
8) 2-Chlorophenol	6.66	128	454549	40.614	ng	99
9) Benzaldehyde	6.42	77	144890	18.771	ng	99
10) Phenol	6.52	94	574549	40.070	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	432419	39.610	ng	98
12) 1,3-Dichlorobenzene	6.81	146	470867	37.420	ng	97
13) 1,4-Dichlorobenzene	6.89	146	478925	38.147	ng	99
14) 1,2-Dichlorobenzene	7.05	146	444760	38.753	ng	98
15) Benzyl Alcohol	7.02	79	371718	37.936	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	583652	40.609	ng	99
17) 2-Methylphenol	7.13	107	398809	41.349	ng	98
18) Hexachloroethane	7.39	117	177498	38.090	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	315985	39.225	ng	99
20) 3+4-Methylphenols	7.27	107	466918	40.756	ng	97
22) Acetophenone	7.28	105	618886	42.449	ng	# 98
24) Nitrobenzene	7.45	77	501535	41.896	ng	96
25) Isophorone	7.69	82	929913	41.871	ng	100
26) 2-Nitrophenol	7.77	139	254388	41.285	ng	98
27) 2,4-Dimethylphenol	7.80	122	435001	47.183	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	575188	42.216	ng	100
29) 2,4-Dichlorophenol	8.01	162	407772	42.529	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	430346	39.706	ng	100
31) Naphthalene	8.17	128	1334889	42.710	ng	100
32) Benzoic acid	7.94	122	283166	37.426	ng	99
33) 4-Chloroaniline	8.22	127	355388	25.670	ng	98
34) Hexachlorobutadiene	8.29	225	245320	39.471	ng	98
35) Caprolactam	8.59	113	80332	27.113	ng	92
36) 4-Chloro-3-methylphenol	8.71	107	429750	43.209	ng	98
37) 2-Methylnaphthalene	8.87	142	920372	44.424	ng	99
38) 1-Methylnaphthalene	8.96	142	858307	43.616	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	411803	41.303	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115786.D
 Acq On : 26 Jul 2019 14:10
 Operator : HP/JU
 Sample : PB121741BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:59:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	312967	55.028	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	277391	38.045	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	294771	39.477	nq	98
46) 1,1'-Biphenyl	9.33	154	1115269	43.087	nq	99
47) 2-Chloronaphthalene	9.36	162	872349	40.476	nq	99
48) 2-Nitroaniline	9.45	65	270917	40.613	nq	99
49) Acenaphthylene	9.77	152	1329680	41.637	nq	99
50) Dimethylphthalate	9.63	163	1042710	41.859	nq	99
51) 2,6-Dinitrotoluene	9.69	165	230845	40.778	nq	97
52) Acenaphthene	9.95	154	812227	39.394	nq	97
53) 3-Nitroaniline	9.86	138	173545	26.827	nq	96
54) 2,4-Dinitrophenol	9.97	184	203392	69.980	nq	91
55) Dibenzofuran	10.12	168	1191615	40.697	nq	99
56) 4-Nitrophenol	10.03	139	318182	64.500	nq	99
57) 2,4-Dinitrotoluene	10.10	165	300325	40.949	nq	98
58) Fluorene	10.46	166	901221	43.055	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	252951	40.525	nq	99
60) Diethylphthalate	10.33	149	990663	42.446	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	463323	39.915	nq	99
62) 4-Nitroaniline	10.47	138	231640	37.330	nq	99
63) Azobenzene	10.61	77	999184	44.136	nq	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	146707	38.506	nq	98
66) n-Nitrosodiphenylamine	10.57	169	813208	41.922	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	287000	40.273	nq	99
68) Hexachlorobenzene	11.01	284	319923	39.311	nq	# 90
69) Atrazine	11.09	200	259161	40.725	nq	100
70) Pentachlorophenol	11.20	266	336577	67.619	nq	99
71) Phenanthrene	11.42	178	1298416	40.620	nq	100
72) Anthracene	11.47	178	1350094	40.869	nq	100
73) Carbazole	11.62	167	1188906	41.040	nq	99
74) Di-n-butylphthalate	11.95	149	1504445	42.161	nq	100
75) Fluoranthene	12.61	202	1353449	40.068	nq	100
77) Benzidine	12.72	184	343340	23.728	nq	98
78) Pyrene	12.84	202	1356721	39.204	nq	100
80) Butylbenzylphthalate	13.44	149	624697	42.345	nq	99
81) Benzo(a)anthracene	14.02	228	1099723	40.867	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	315614	32.992	nq	98
83) Chrysene	14.06	228	1068858	39.567	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	859799	47.051	nq	99
85) Di-n-octyl phthalate	14.62	149	1372439	47.203	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	850927	37.077	nq	100
88) Benzo(b)fluoranthene	15.07	252	951171	48.645	nq	99
89) Benzo(k)fluoranthene	15.10	252	934790	53.623	nq	99
90) Benzo(a)pyrene	15.44	252	856887	50.988	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	727064	49.280	nq	98
92) Benzo(g,h,i)perylene	17.43	276	694001	47.165	nq	98

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

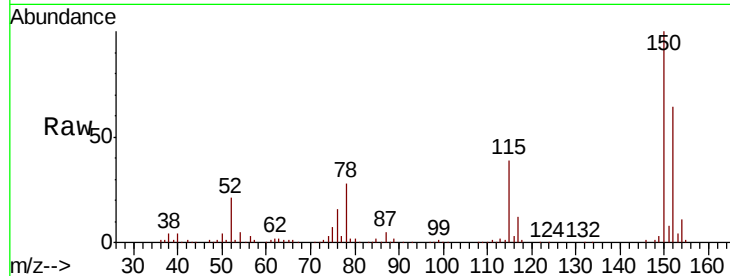


#1

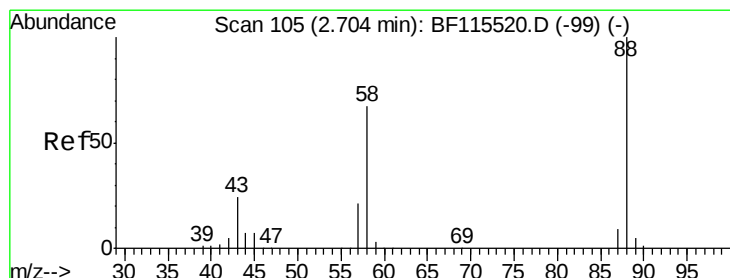
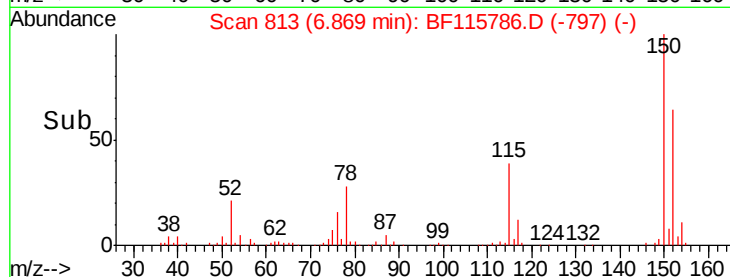
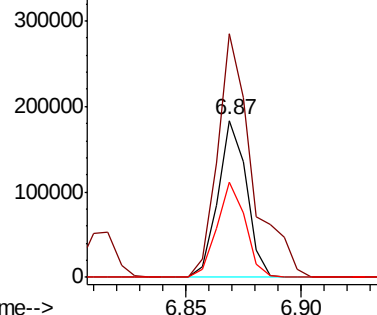
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 159226
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 60.9 47.8 71.6



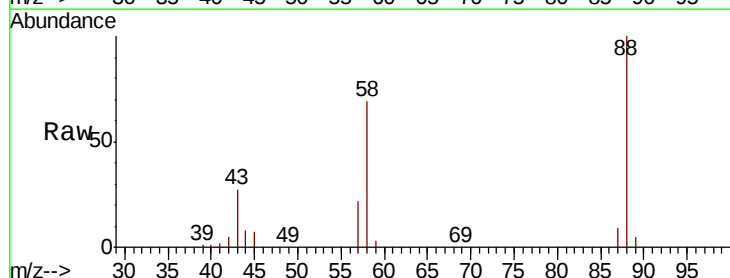
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



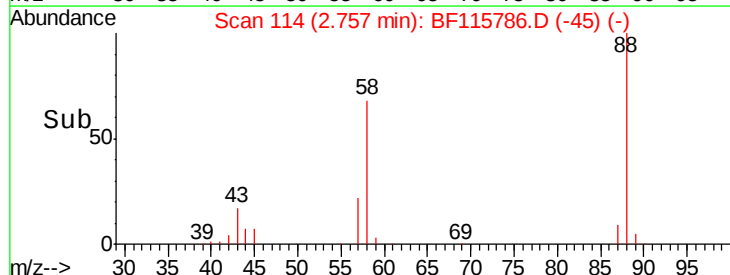
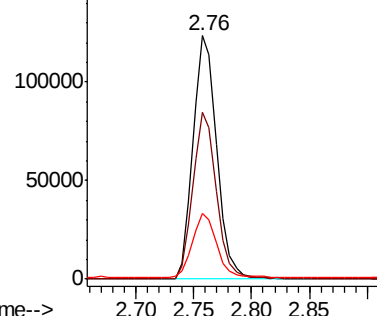
#2

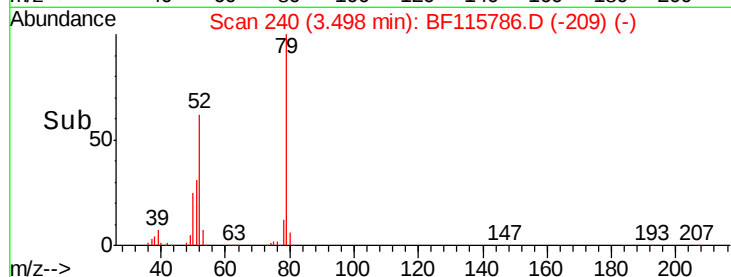
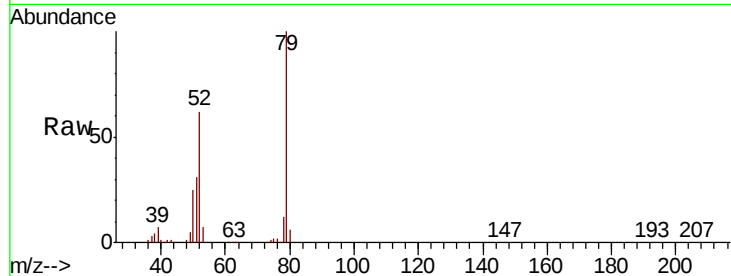
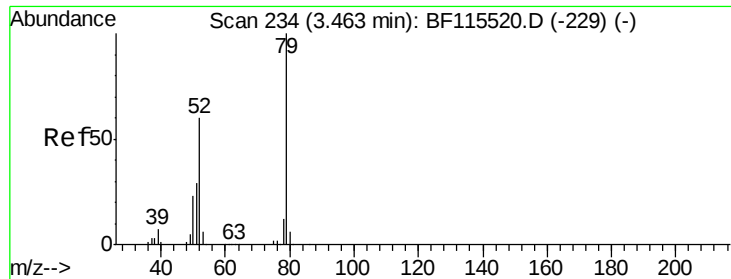
1,4-Dioxane
Concen: 36.203 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.11 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion: 88 Resp: 175790
Ion Ratio Lower Upper
88 100
58 68.1 54.2 81.4
43 26.3 20.8 31.2



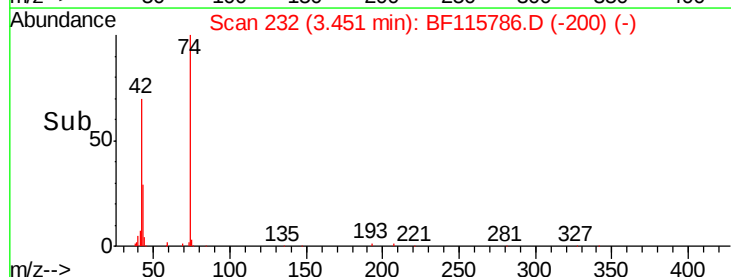
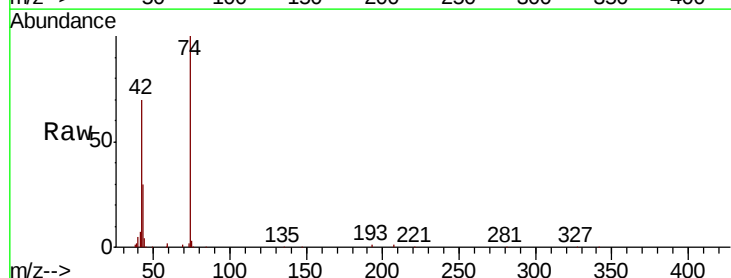
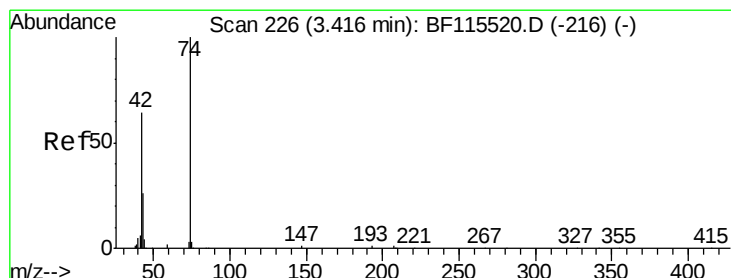
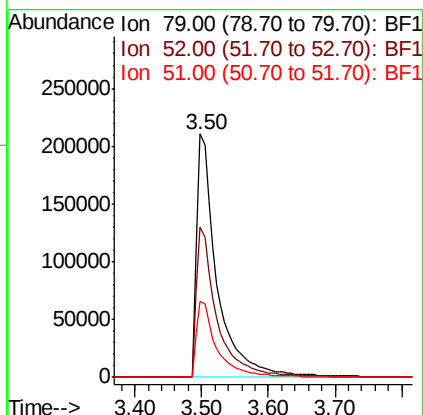
Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





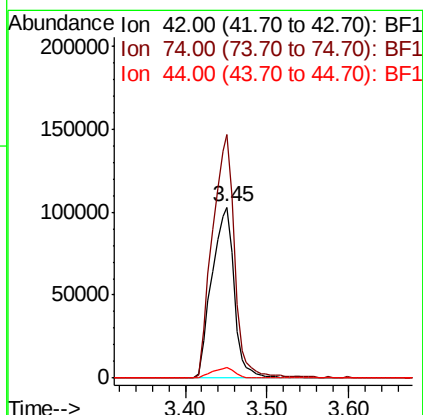
#3
 Pvridine
 Concen: 32.801 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.08 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

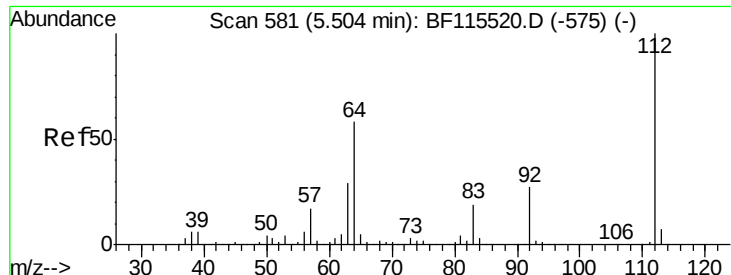
Tot Ion	Ratio	Lower	Upper
79	100		
52	61.9	48.4	72.6
51	31.1	24.8	37.2



#4
 n-Nitrosodimethylamine
 Concen: 41.486 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.09 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.6	113.4	170.0
44	6.1	5.1	7.7

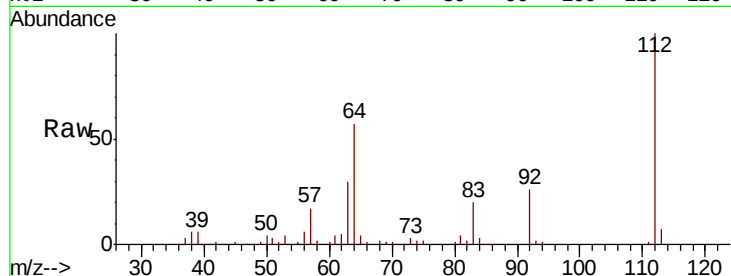




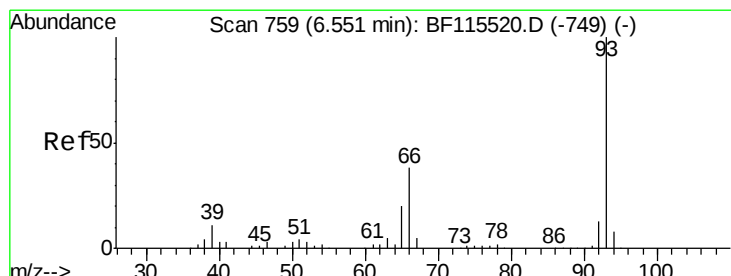
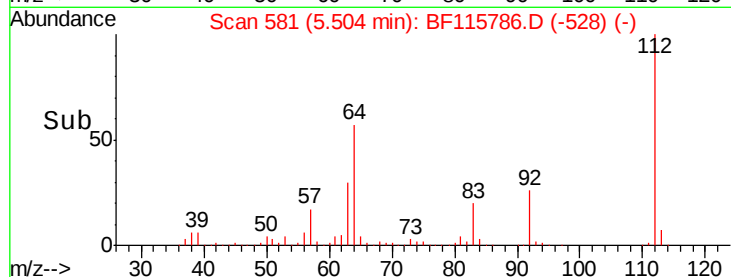
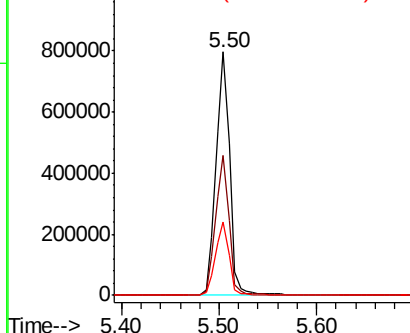
#5
2-Fluorophenol
Concen: 80.088 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 779607
Ion Ratio Lower Upper
112 100
64 57.5 45.8 68.8
63 29.9 23.6 35.4

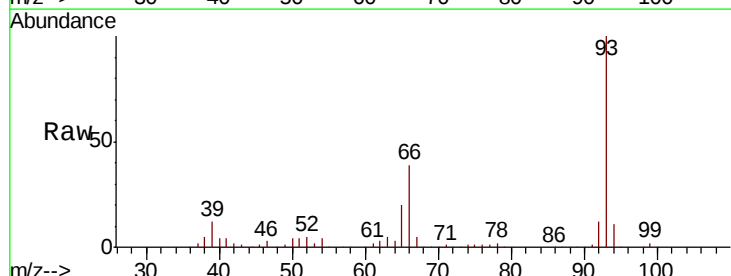


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

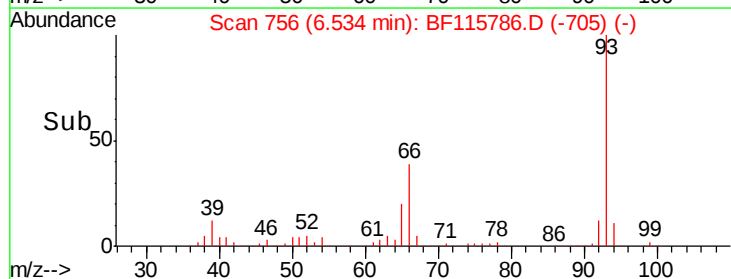
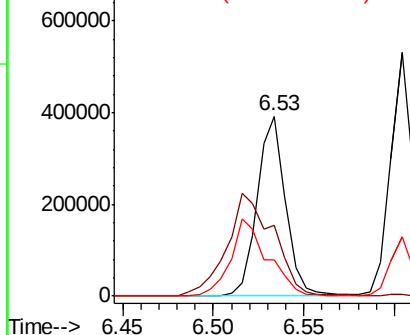


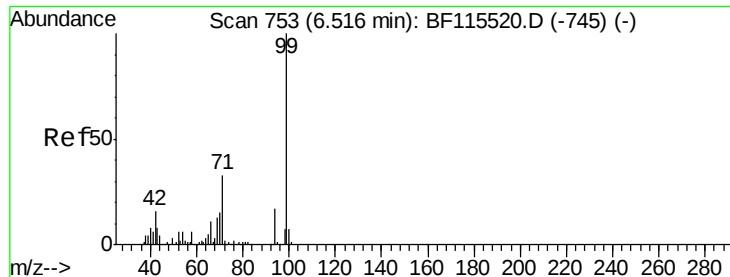
#6
Aniline
Concen: 24.889 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion: 93 Resp: 427821
Ion Ratio Lower Upper
93 100
66 39.3 32.2 48.2
65 20.5 16.5 24.7



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: 81.147 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampled :

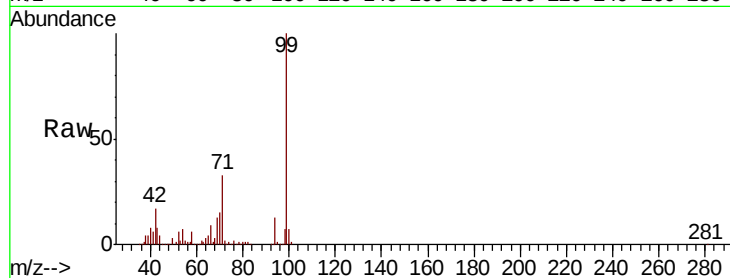
Tot Ion: 99 Resp: 1002313

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

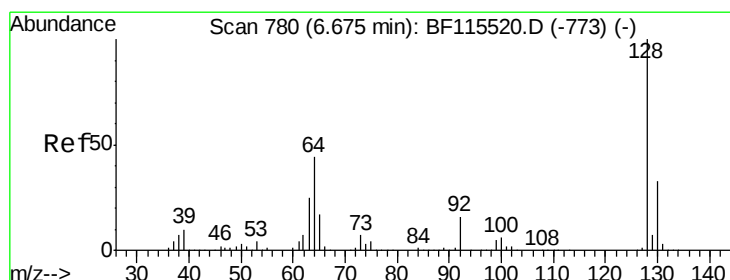
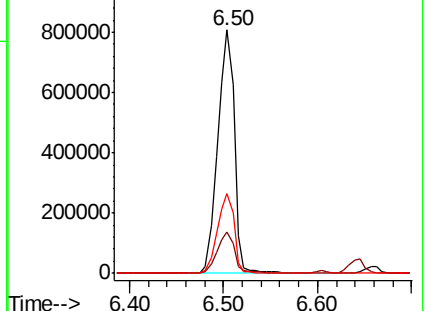
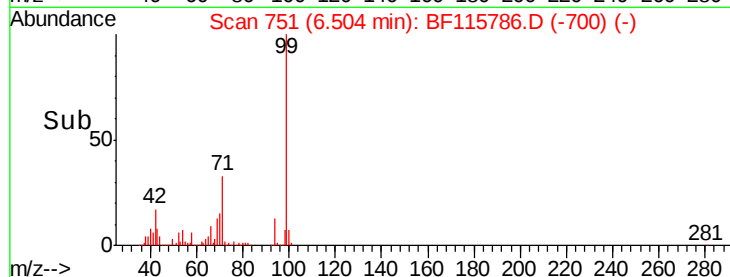
71 32.9 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.614 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

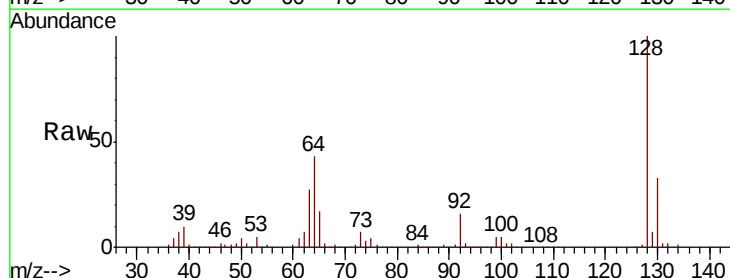
Tgt Ion: 128 Resp: 454549

Ion Ratio Lower Upper

128 100

130 32.6 13.8 53.8

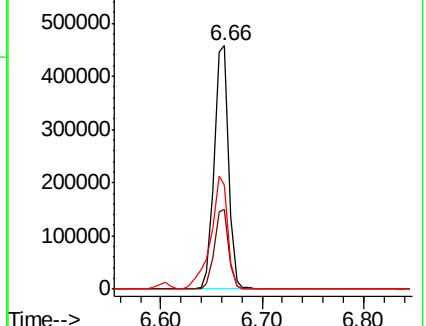
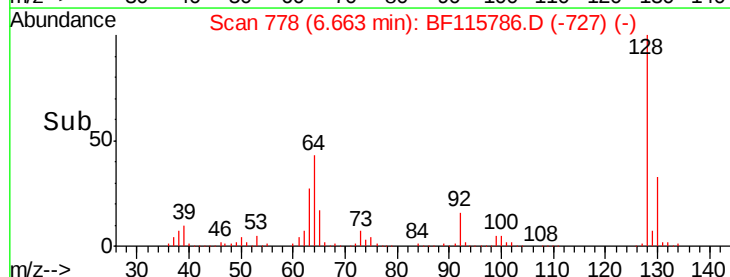
64 42.9 22.4 62.4

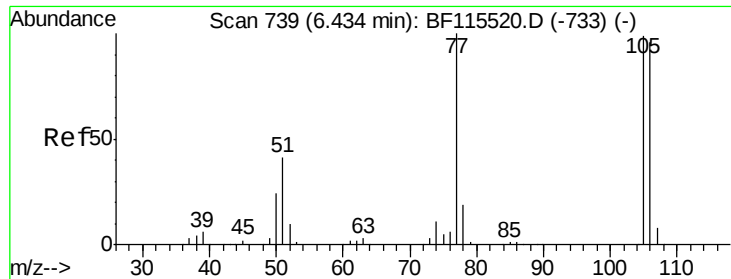


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.771 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

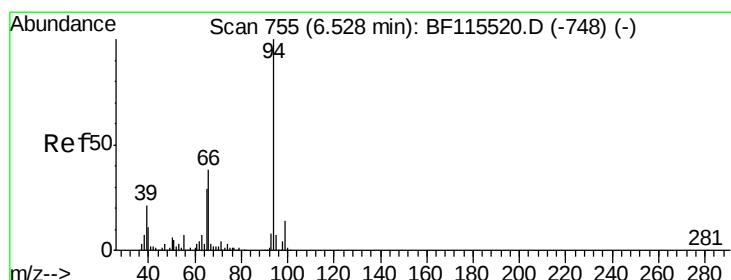
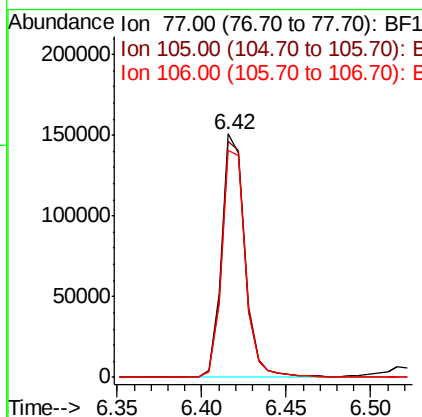
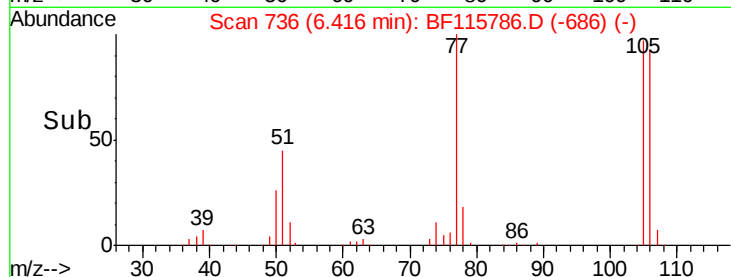
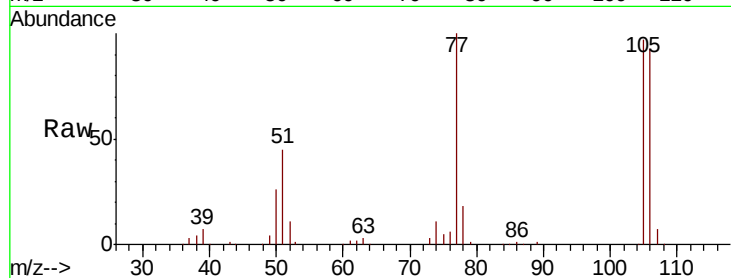
Tot Ion: 77 Resp: 144890

Ion Ratio Lower Upper

77 100

105 96.6 77.5 117.5

106 93.3 74.7 114.7



#10

Phenol

Concen: 40.070 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

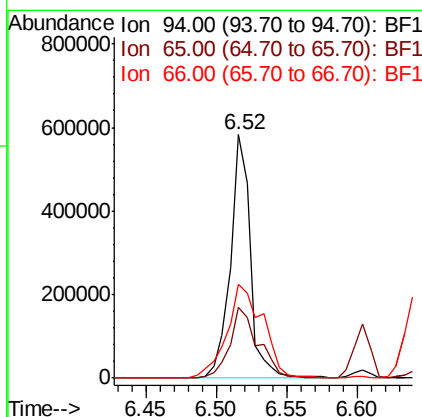
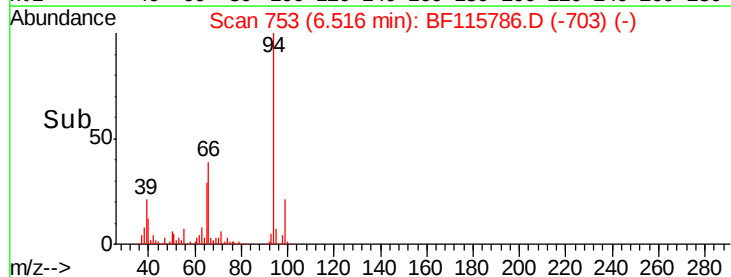
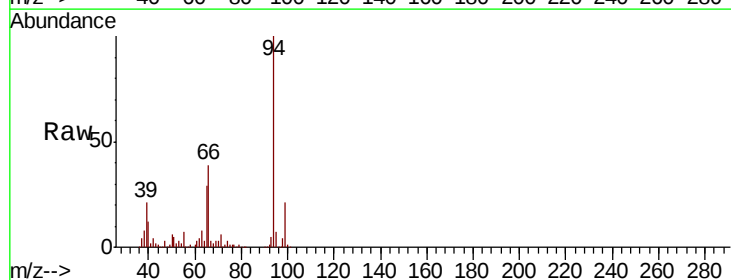
Tgt Ion: 94 Resp: 574549

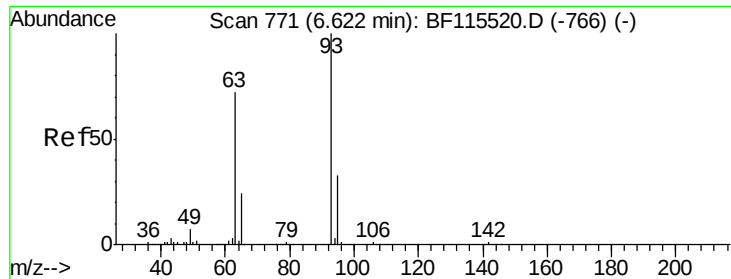
Ion Ratio Lower Upper

94 100

65 29.0 11.2 51.2

66 38.5 24.4 64.4

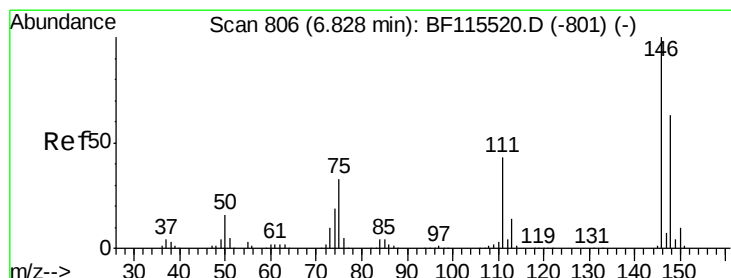
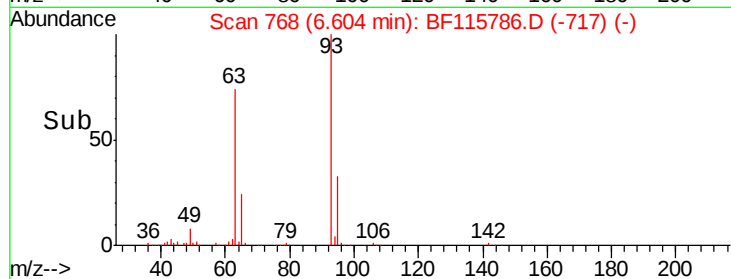
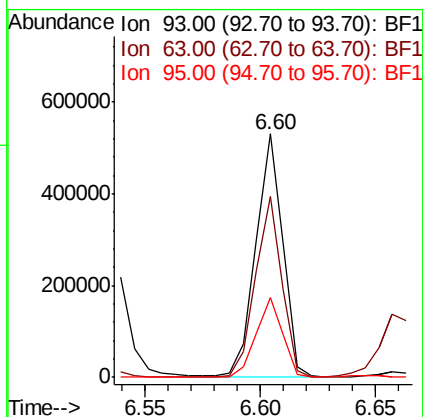
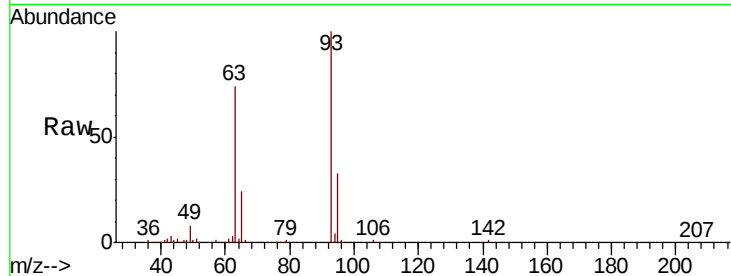




#11
 bis(2-Chloroethyl)ether
 Concen: 39.610 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

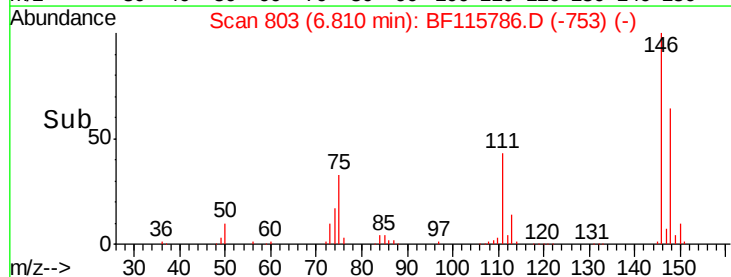
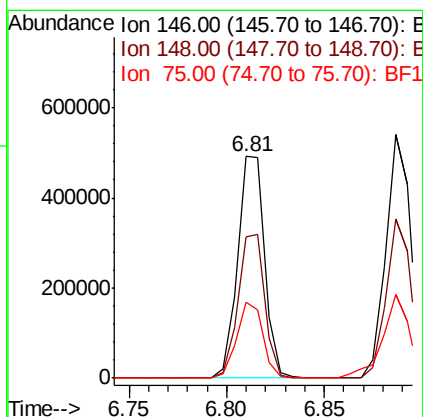
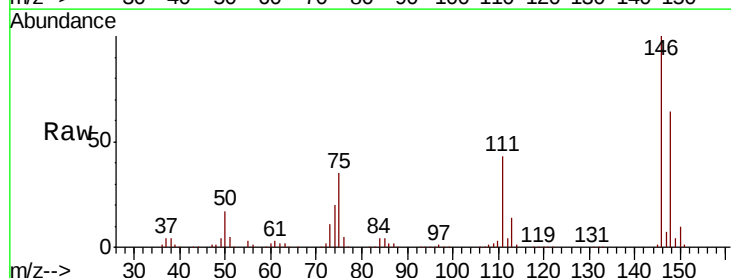
Instrument :
 BNA_F
 ClientSampleId :

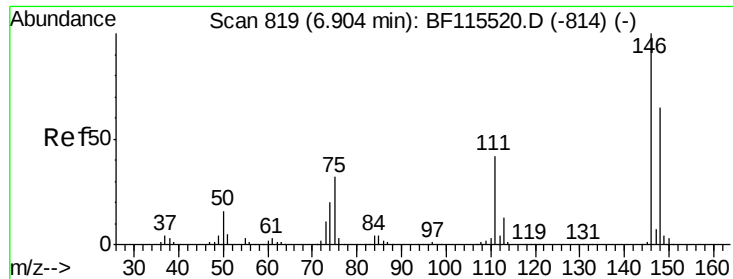
Tot Ion: 93 Resp: 432419
 Ion Ratio Lower Upper
 93 100
 63 74.2 56.2 96.2
 95 32.8 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 37.420 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion: 146 Resp: 470867
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 75 34.5 25.3 37.9

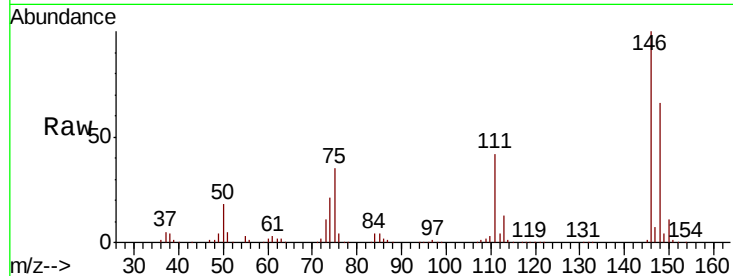




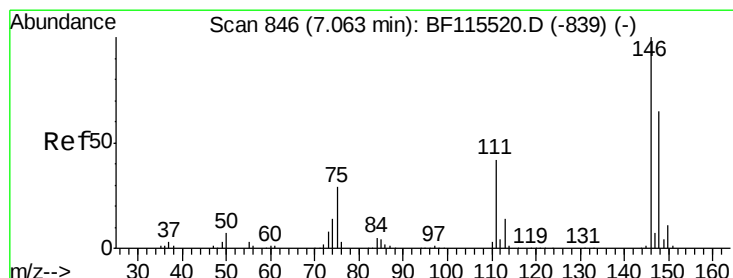
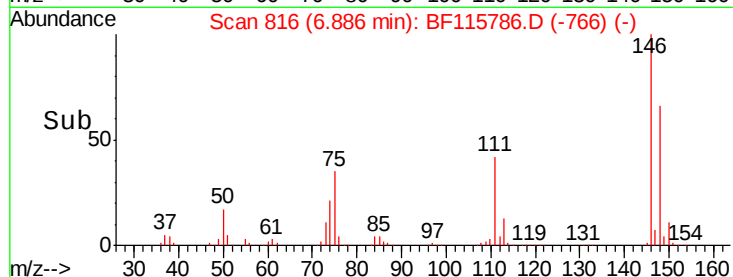
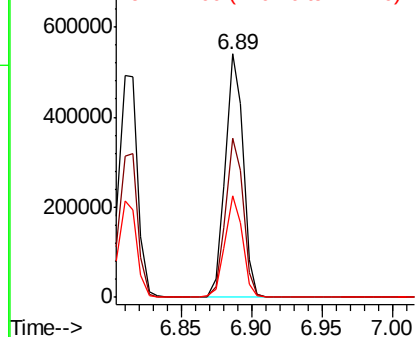
#13
1,4-Dichlorobenzene
Concen: 38.147 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 478925
Ion Ratio Lower Upper
146 100
148 65.5 52.7 79.1
111 41.7 32.2 48.4

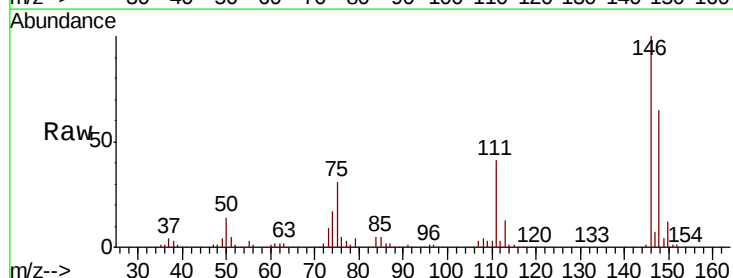


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

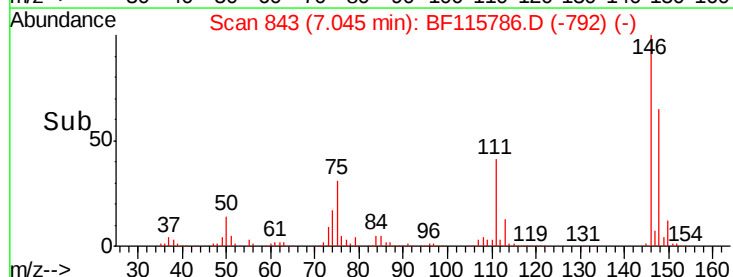
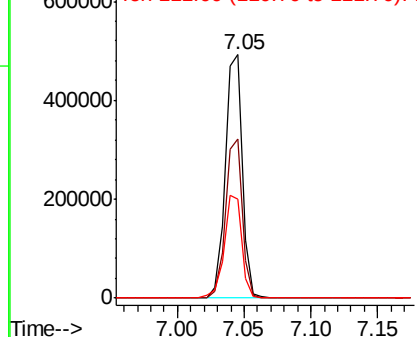


#14
1,2-Dichlorobenzene
Concen: 38.753 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:146 Resp: 444760
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
111 40.7 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.936 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampled :

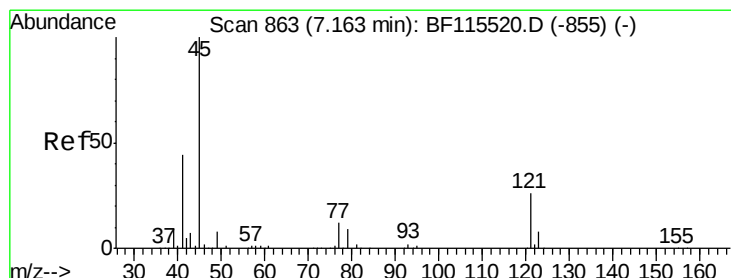
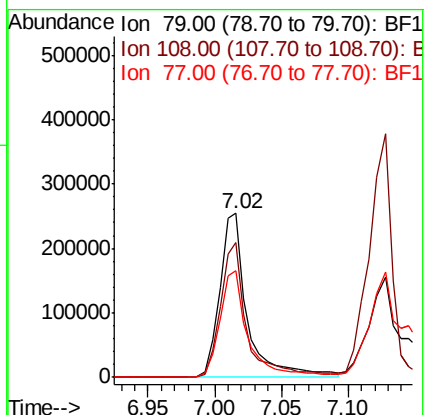
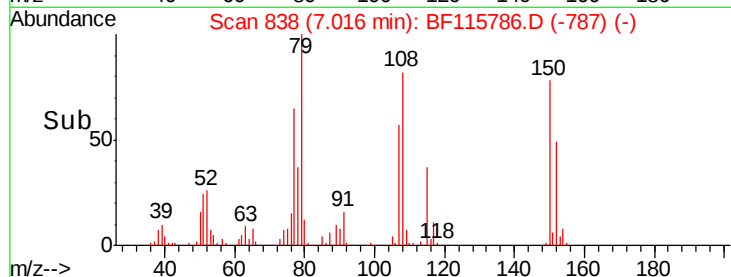
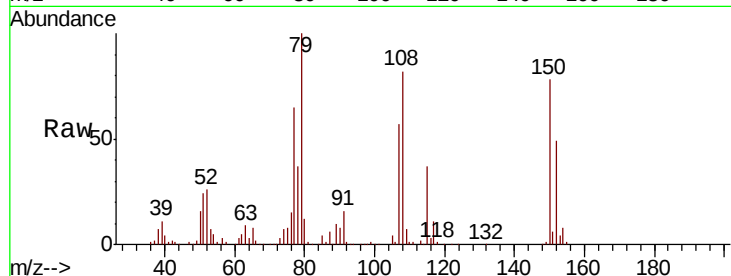
Tot Ion: 79 Resp: 371718

Ion Ratio Lower Upper

79 100

108 81.8 65.4 98.2

77 65.3 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.609 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

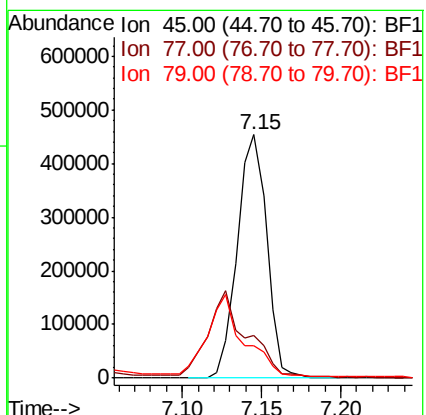
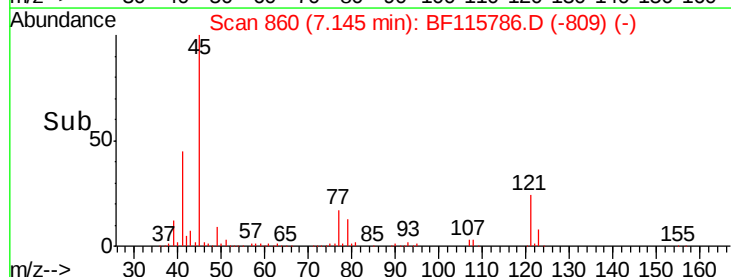
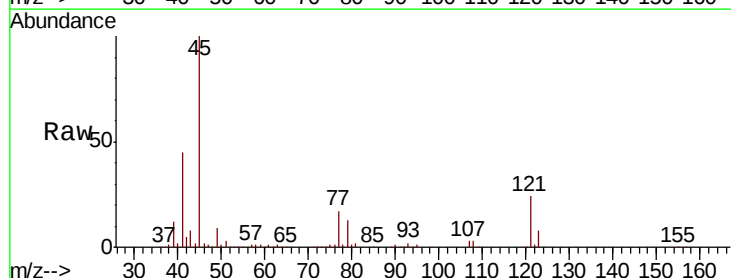
Tgt Ion: 45 Resp: 583652

Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.8

79 13.3 0.0 33.1

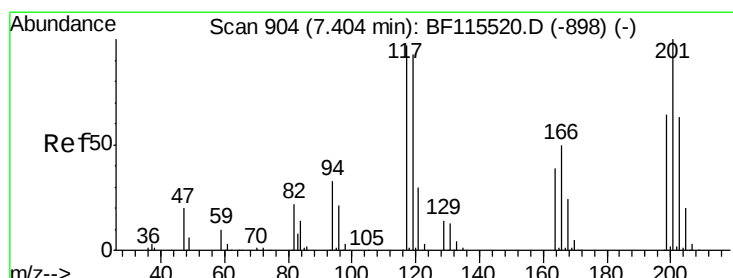
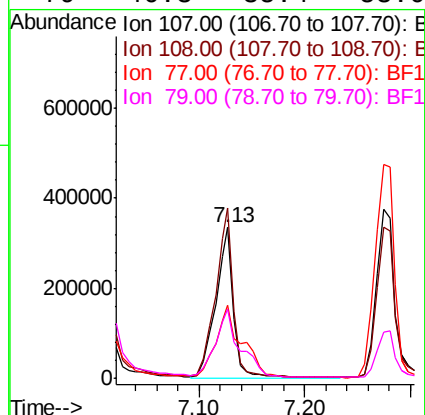
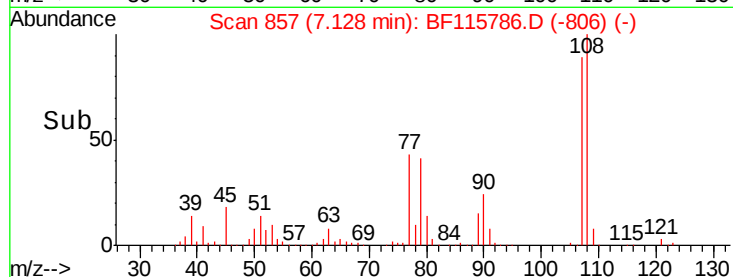
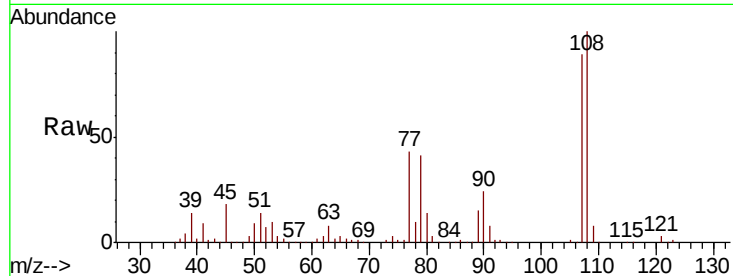




#17
2-Methylphenol
Concen: 41.349 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

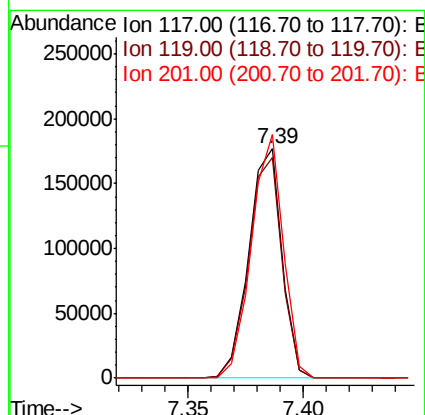
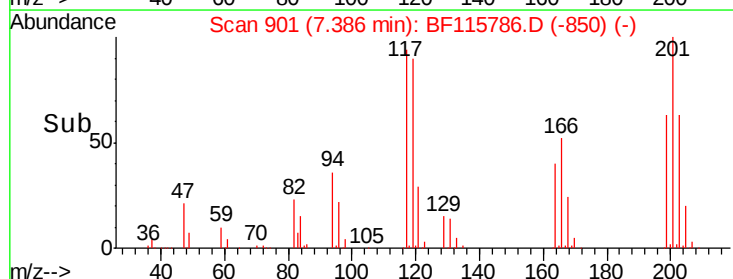
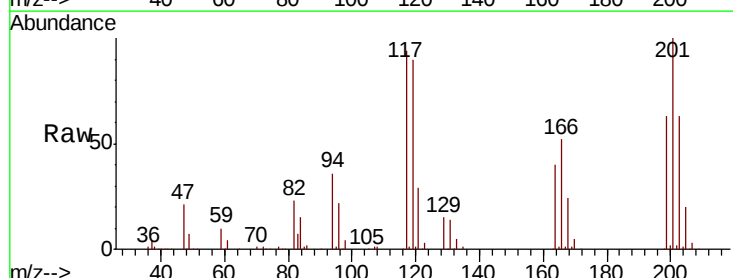
Instrument :
BNA_F
ClientSampleId :

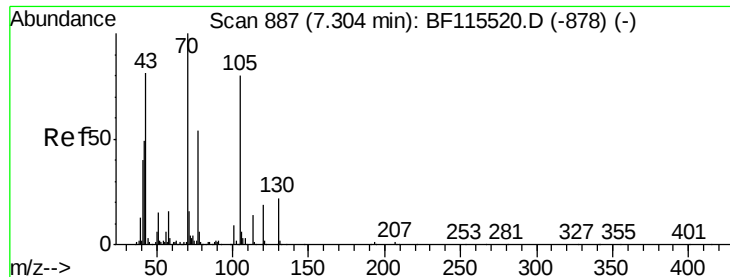
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.3	136.9
77	48.6	36.9	55.3
79	46.3	35.4	53.0



#18
Hexachloroethane
Concen: 38.090 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.8	112.2
201	106.2	77.6	116.4

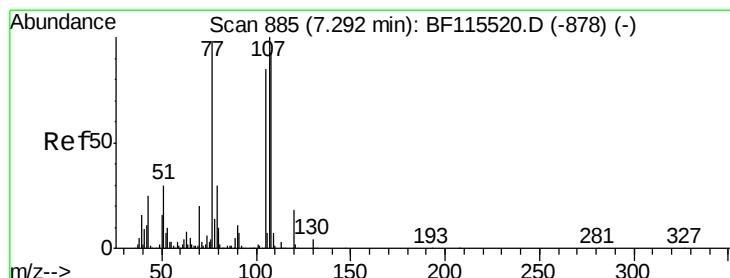
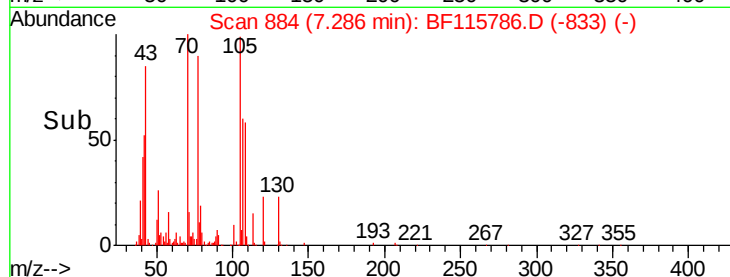
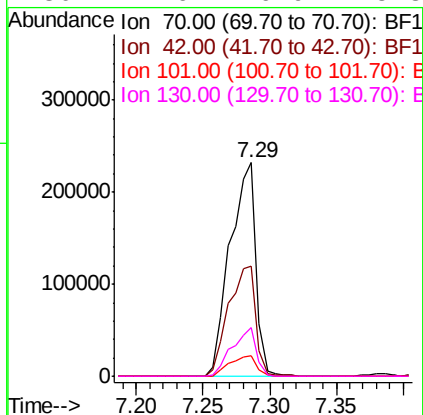
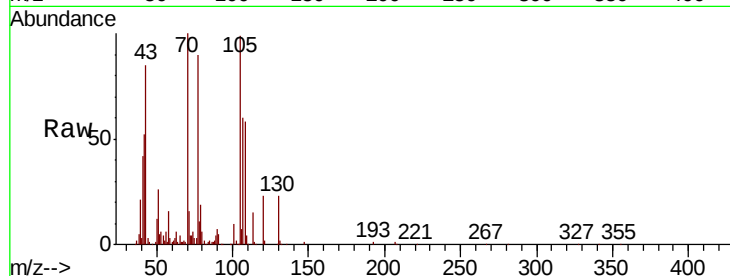




#19
n-Nitroso-di-n-propylamine
Concen: 39.225 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

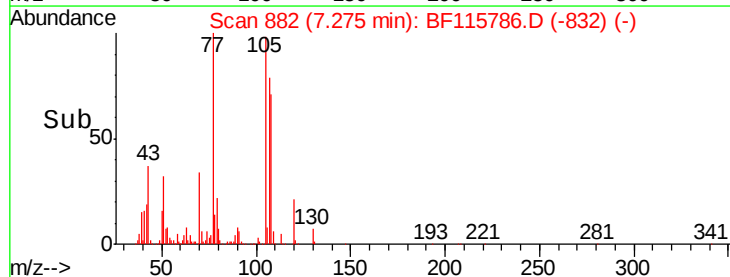
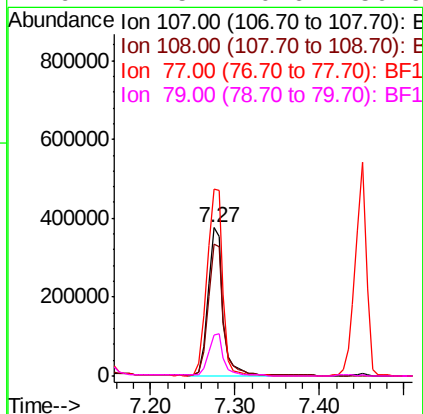
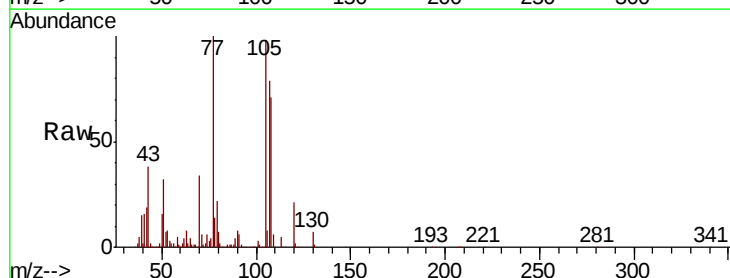
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	315985
Ion	Ratio	Lower	Upper
70	100		
42	51.7	41.8	62.8
101	9.8	7.6	11.4
130	22.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 40.756 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:	107	Resp:	466918
Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	126.3	107.5	147.5
79	27.5	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 645361

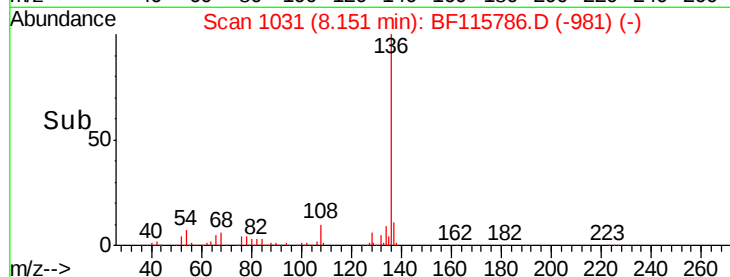
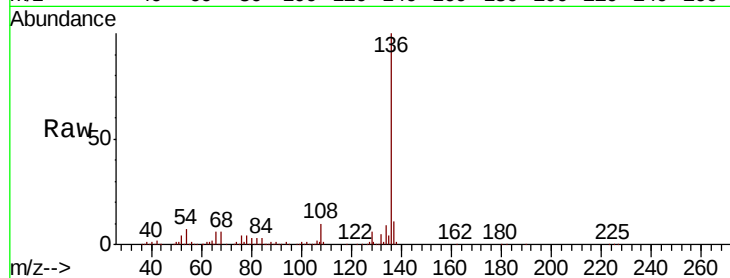
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.1 5.0 7.6

68 6.0 4.7 7.1

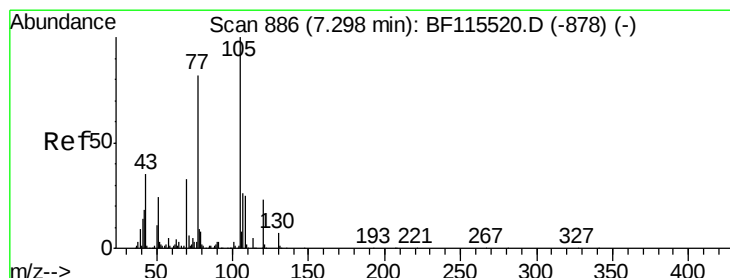
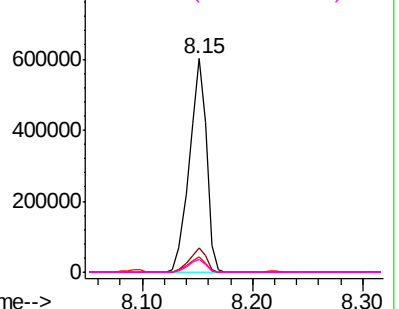


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.449 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:105 Resp: 618886

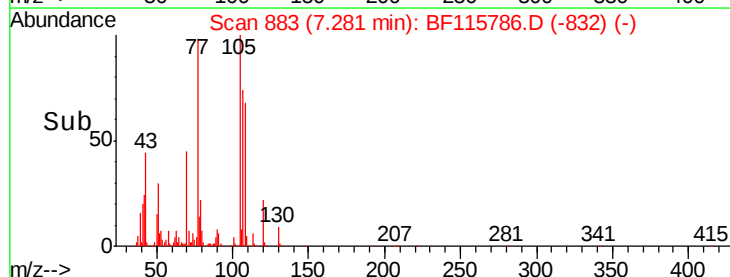
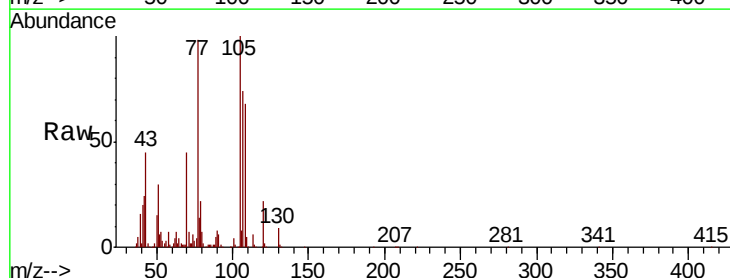
Ion Ratio Lower Upper

105 100

71 7.5 4.7 7.1#

51 29.9 25.6 38.4

120 22.1 17.7 26.5

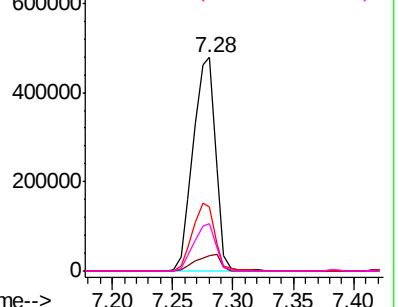


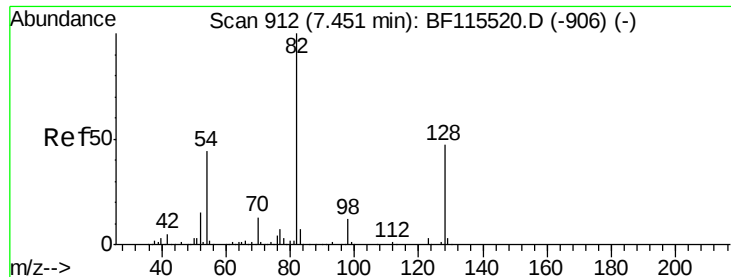
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

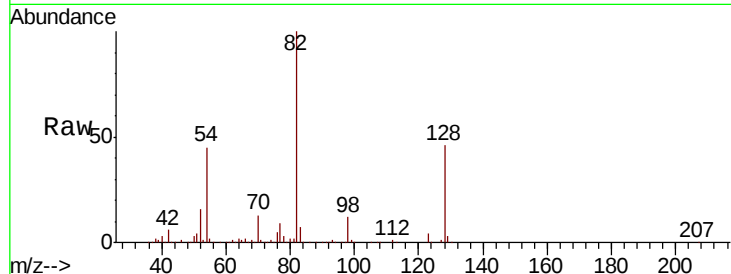




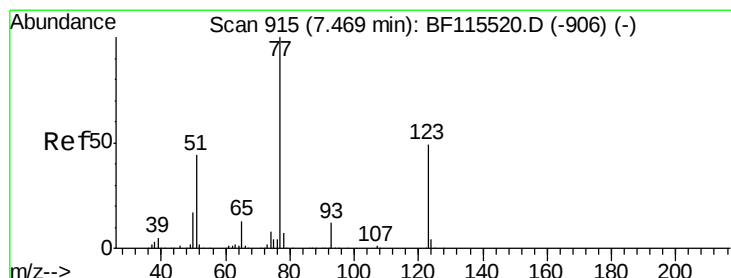
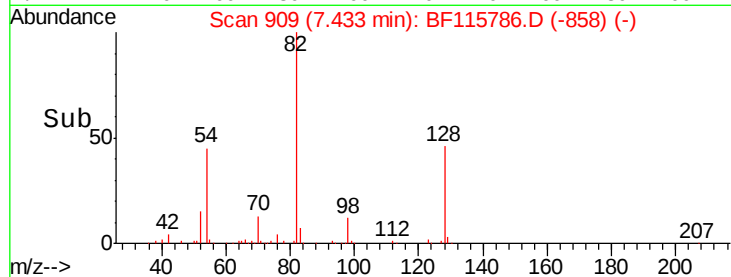
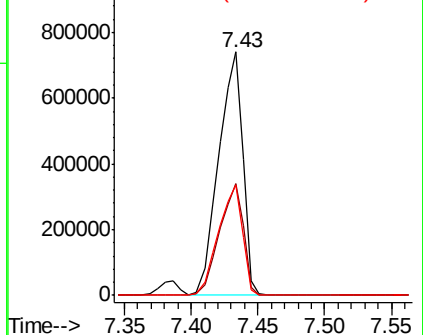
#23
 Nitrobenzene-d5
 Concen: 85.152 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	945092
Ion Ratio	100	Lower	Upper
128	46.1	36.6	55.0
54	45.5	36.6	54.8

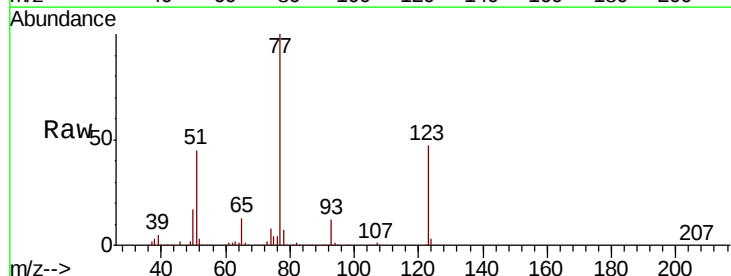


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

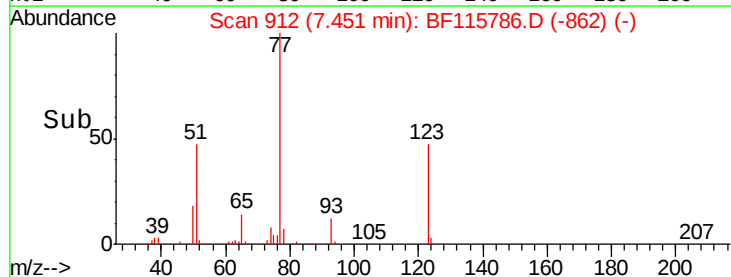
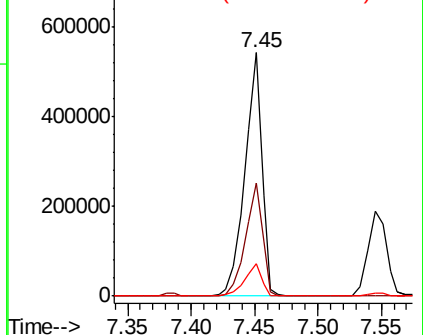


#24
 Nitrobenzene
 Concen: 41.896 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion	77	Resp	501535
Ion Ratio	100	Lower	Upper
123	46.6	39.9	59.9
65	13.3	10.5	15.7



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: 41.871 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

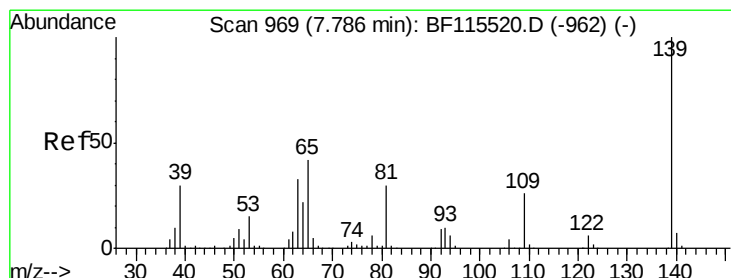
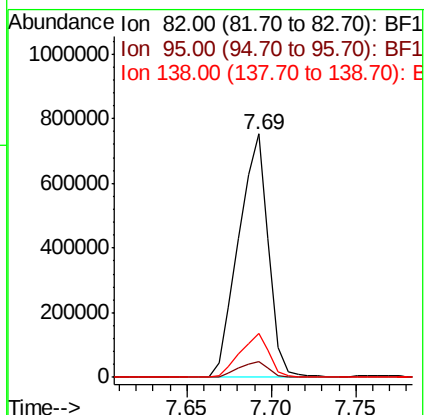
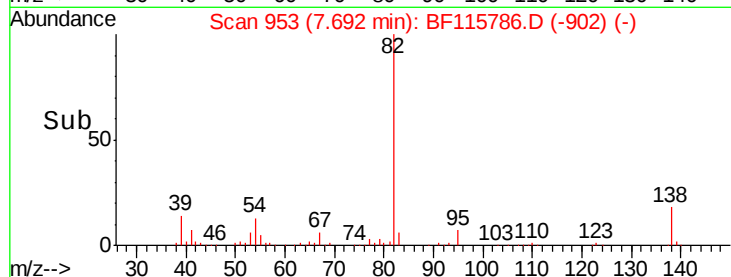
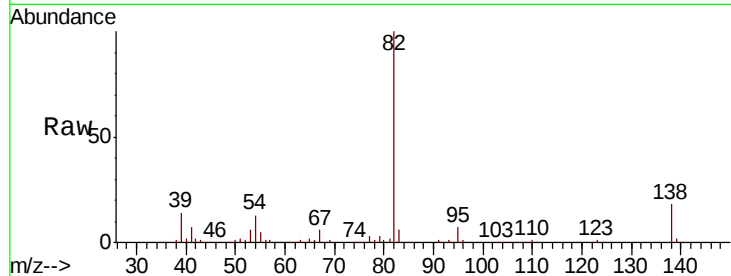
Tot Ion: 82 Resp: 929913

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.9 14.2 21.4



#26

2-Nitrophenol

Concen: 41.285 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

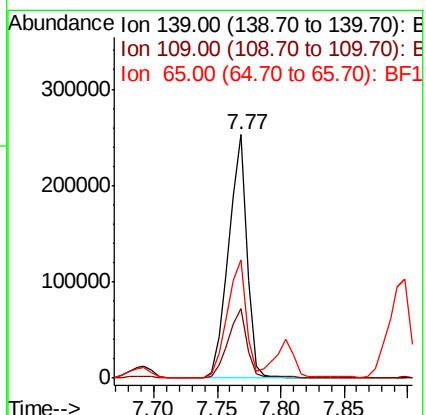
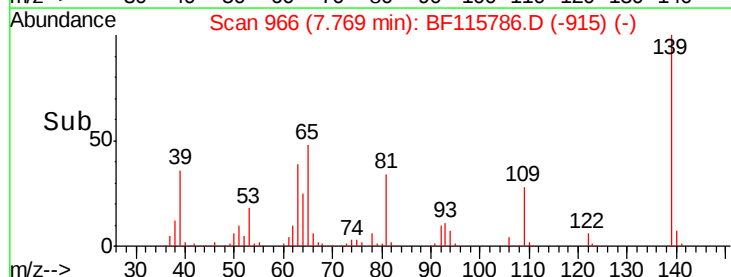
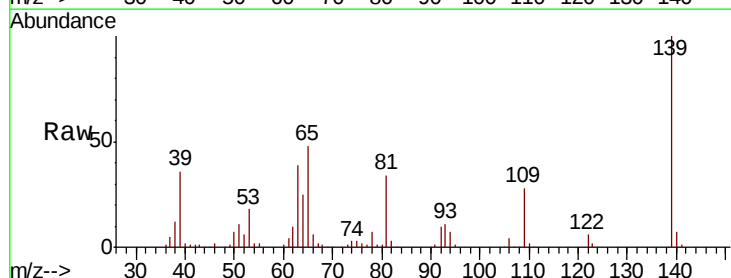
Tgt Ion: 139 Resp: 254388

Ion Ratio Lower Upper

139 100

109 28.3 23.2 34.8

65 48.4 40.5 60.7

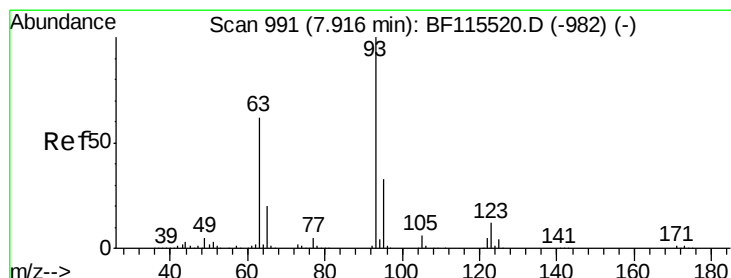
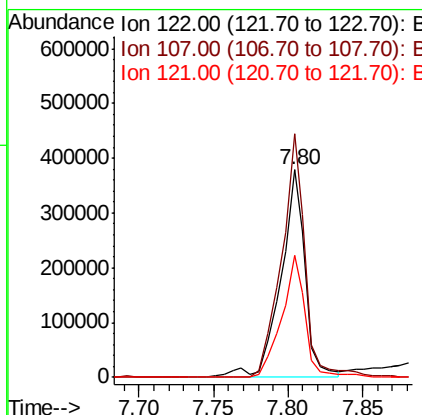
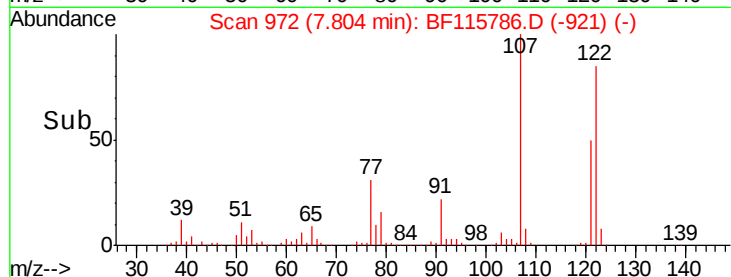
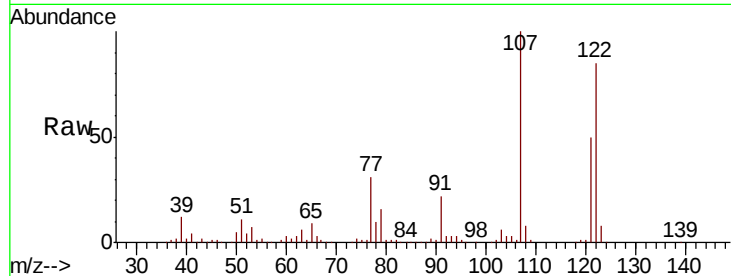




#27
2,4-Dimethylphenol
Concen: 47.183 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

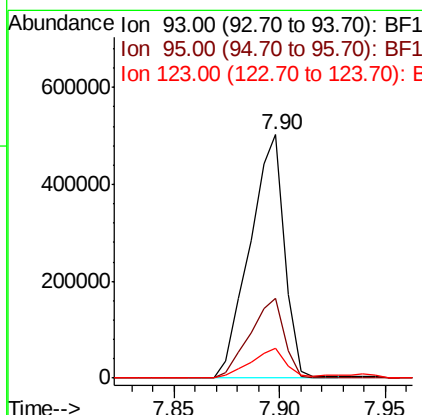
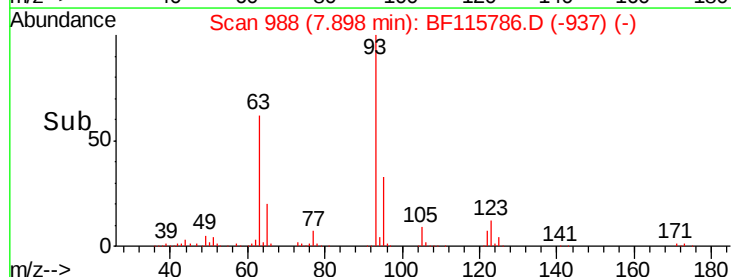
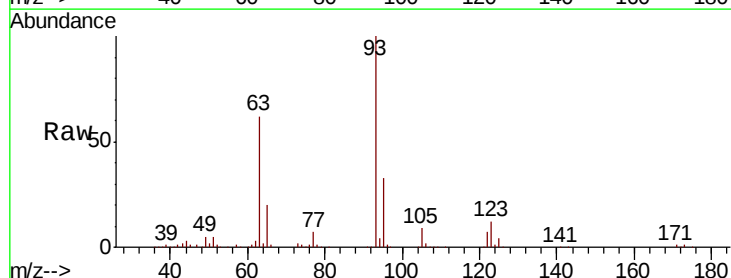
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 435001
Ion Ratio Lower Upper
122 100
107 117.4 92.6 138.8
121 58.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.216 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion: 93 Resp: 575188
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.2 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 42.529 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

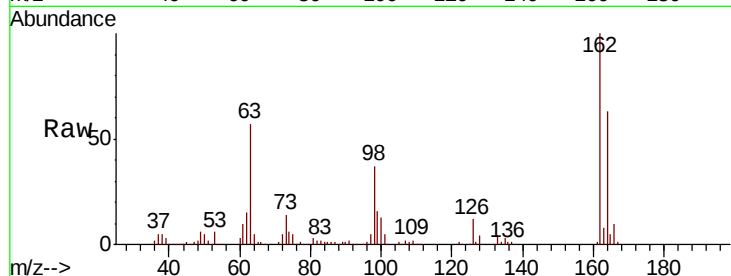
Tot Ion:162 Resp: 407772

Ion Ratio Lower Upper

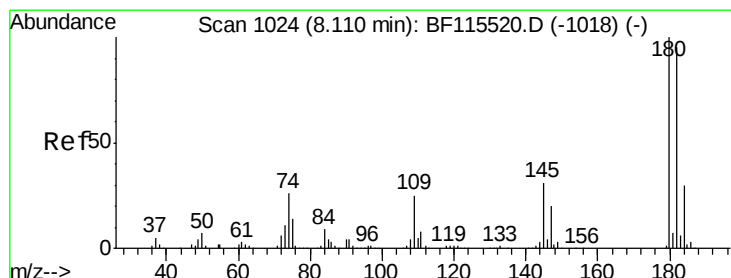
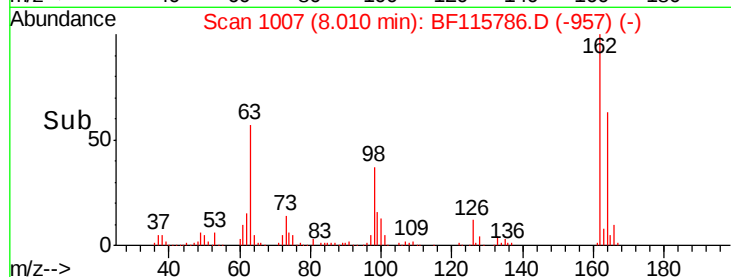
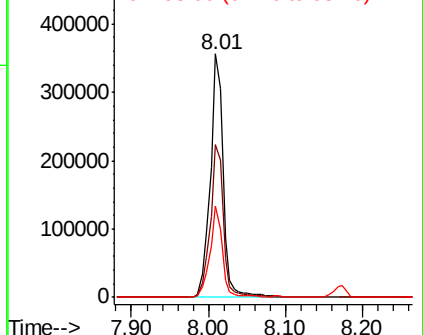
162 100

164 62.9 44.1 84.1

98 37.3 12.9 52.9



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: 39.706 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

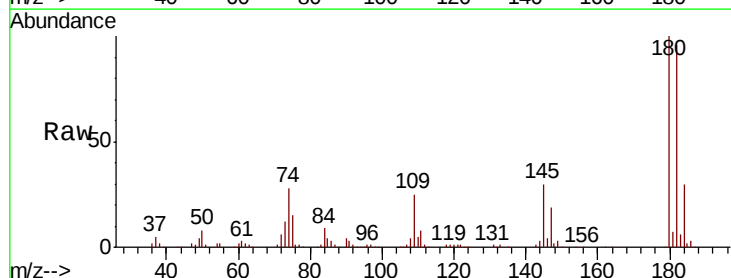
Tgt Ion:180 Resp: 430346

Ion Ratio Lower Upper

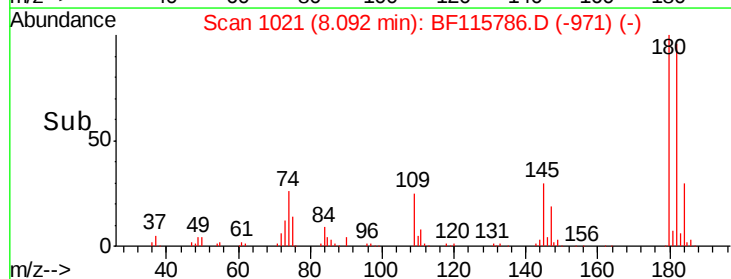
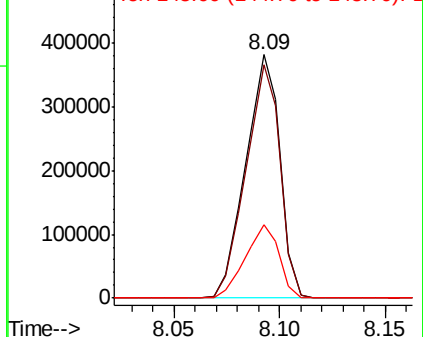
180 100

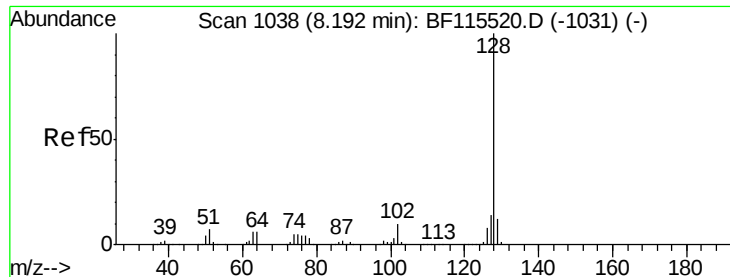
182 95.8 76.7 115.1

145 30.2 23.6 35.4



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

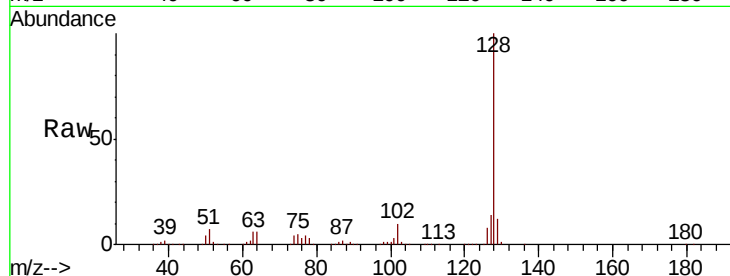




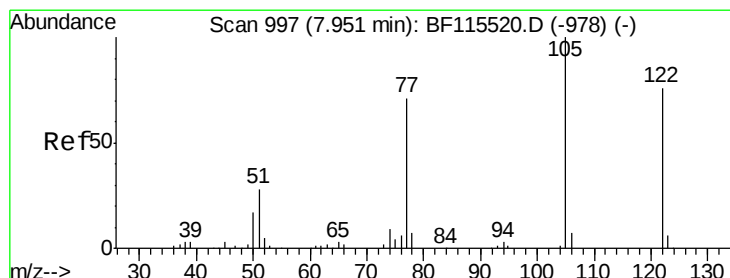
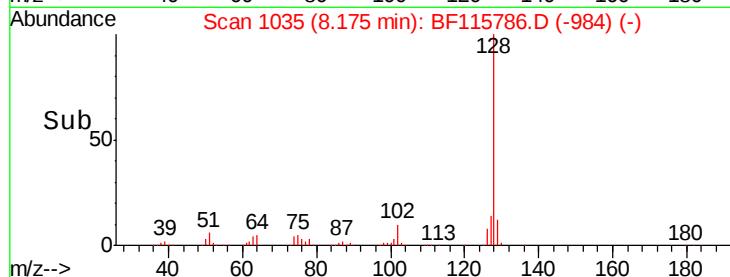
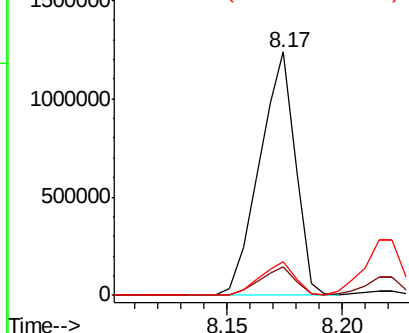
#31
Naphthalene
Concen: 42.710 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1334889
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.7 10.9 16.3

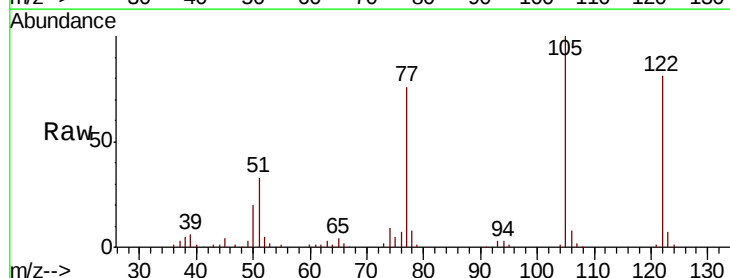


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

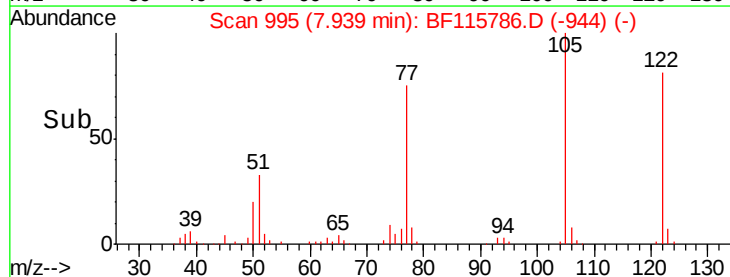
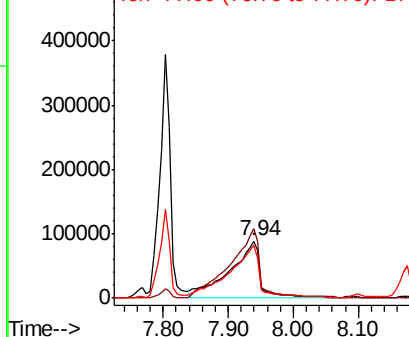


#32
Benzoic acid
Concen: 37.426 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:122 Resp: 283166
Ion Ratio Lower Upper
122 100
105 122.9 102.0 142.0
77 92.9 73.6 113.6



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

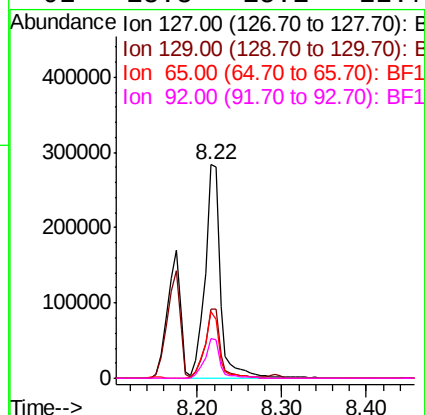
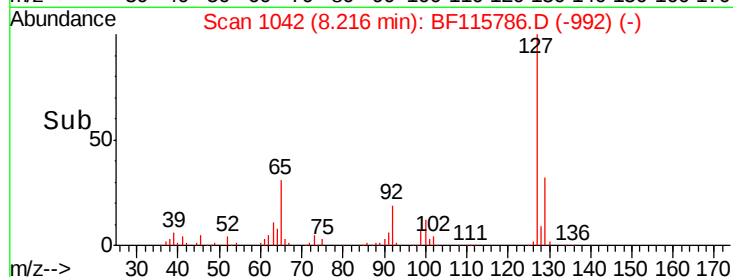
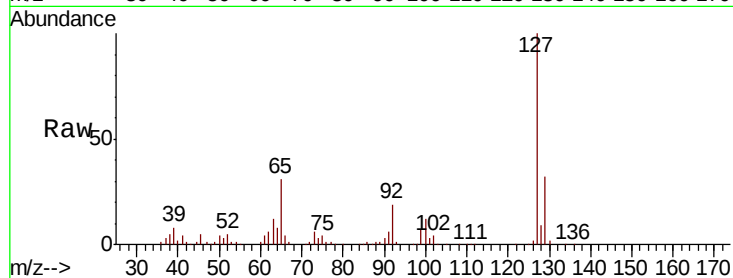




#33
4-Chloroaniline
Concen: 25.670 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

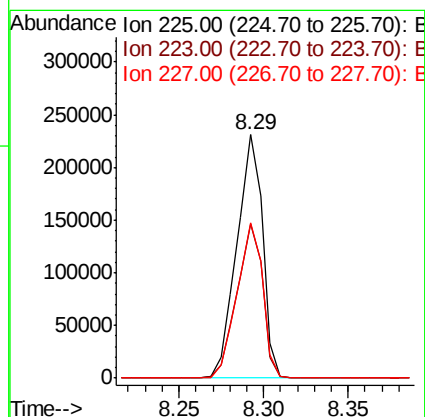
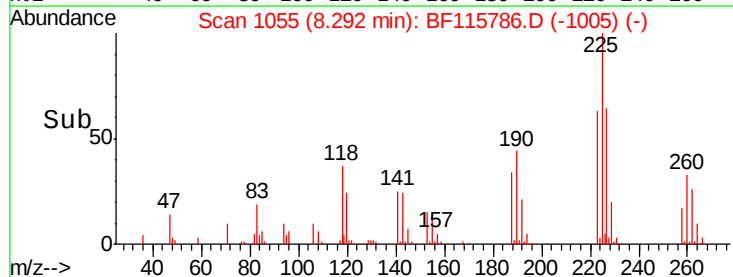
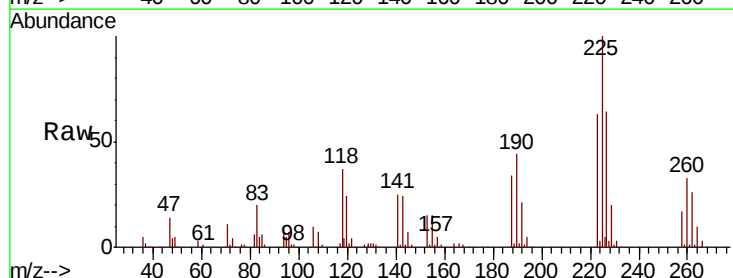
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	355388
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	31.5	23.8	35.8
92	18.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 39.471 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:	225	Resp:	245320
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.8	52.8	79.2

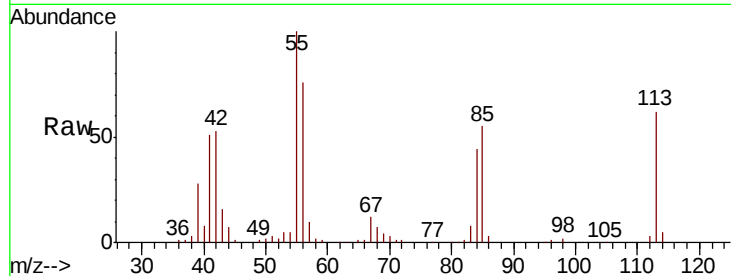




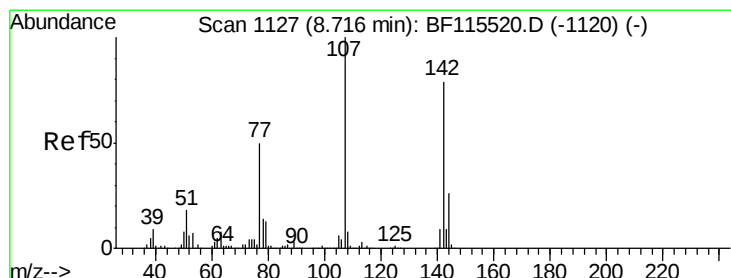
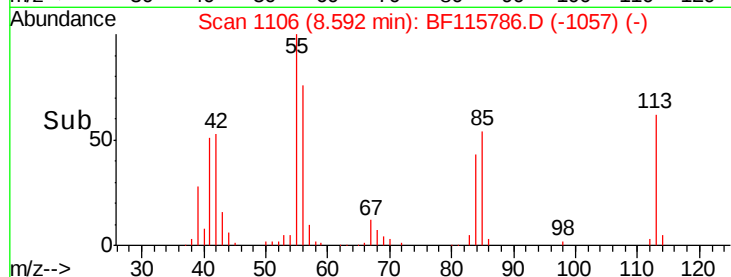
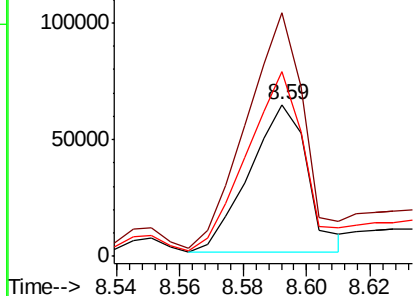
#35
Caprolactam
Concen: 27.113 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 80332
Ion Ratio Lower Upper
113 100
55 160.3 130.5 170.5
56 121.7 93.1 133.1

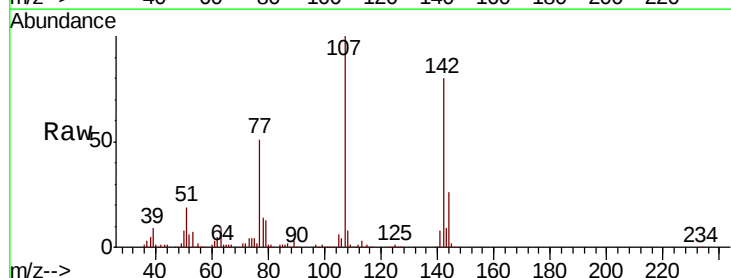


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

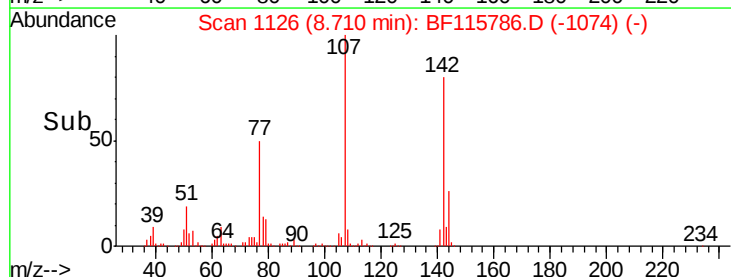
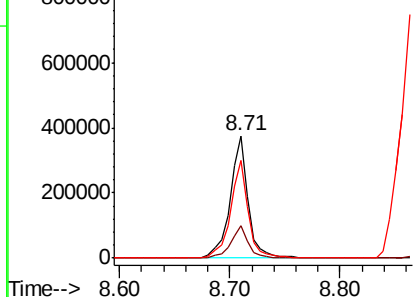


#36
4-Chloro-3-methylphenol
Concen: 43.209 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:107 Resp: 429750
Ion Ratio Lower Upper
107 100
144 26.2 20.1 30.1
142 79.5 62.3 93.5



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

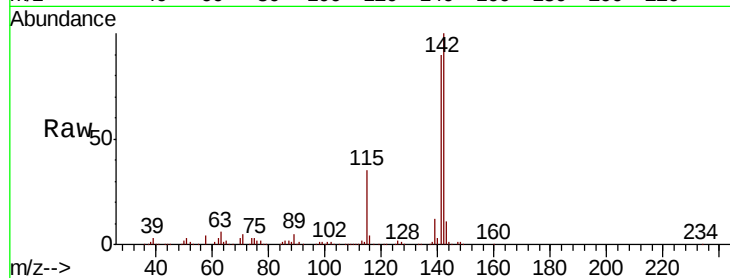




#37
2-Methylnaphthalene
Concen: 44.424 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.4
115	34.7	27.7	41.5

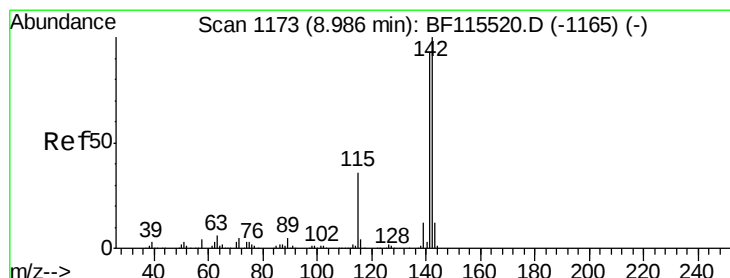
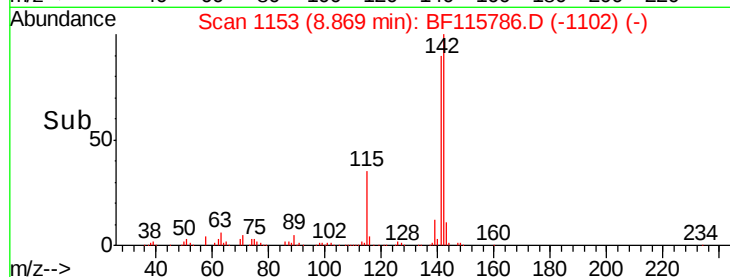
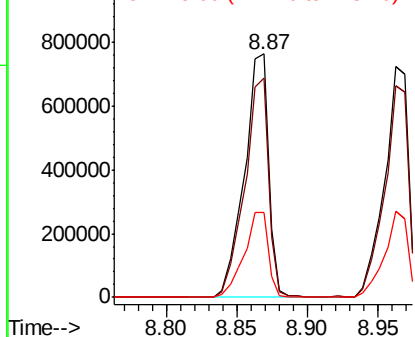


Abundance

Ion 142.00 (141.70 to 142.70): E

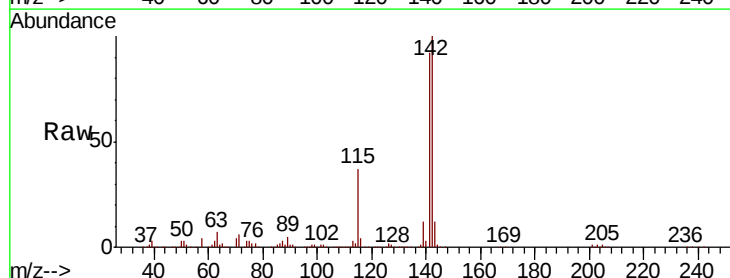
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.616 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9
116	4.0	3.0	4.6

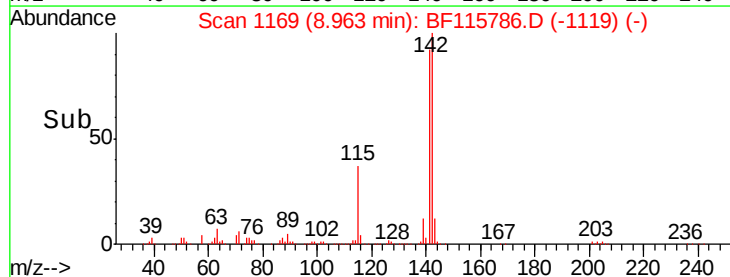
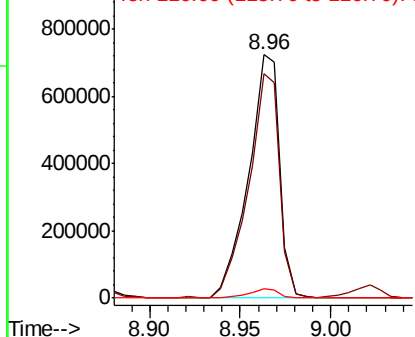


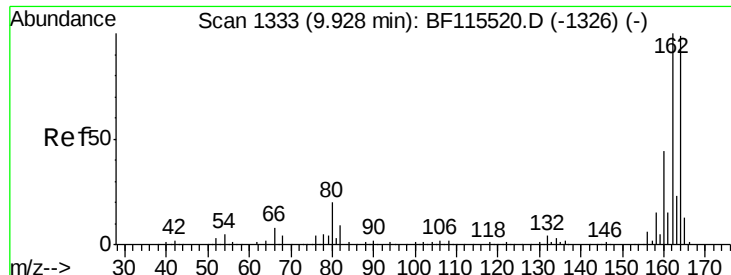
Abundance

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

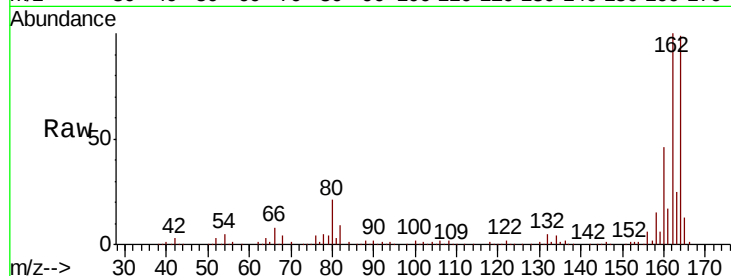




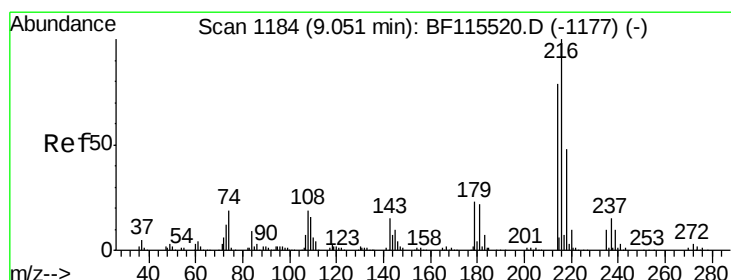
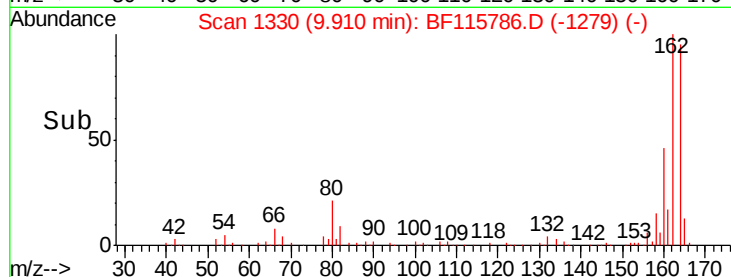
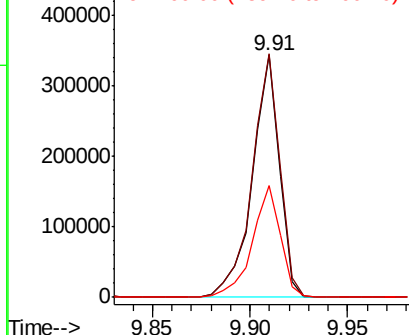
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 331087
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 46.2 37.5 56.3

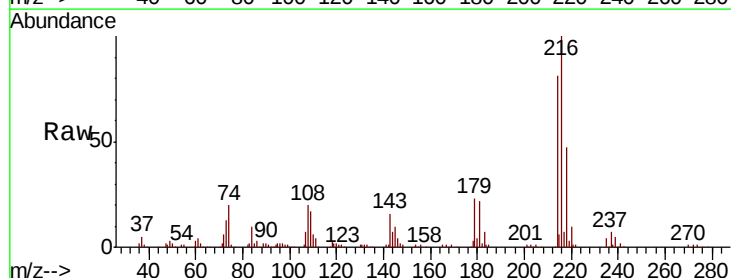


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

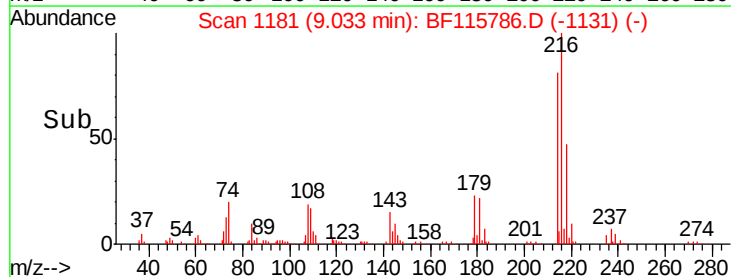
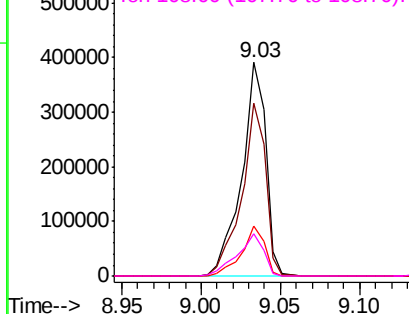


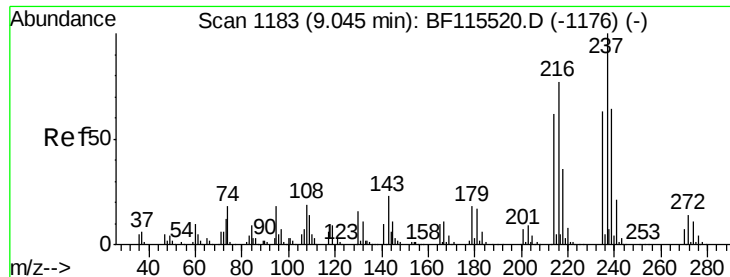
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.303 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:216 Resp: 411803
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.6
179 22.3 17.4 26.2
108 21.7 16.6 25.0



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: 55.028 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115786.D

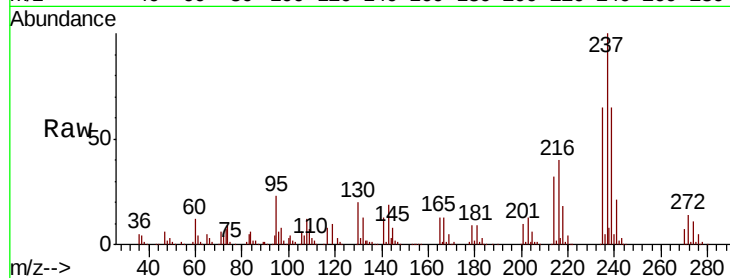
Acq: 26 Jul 2019 14:10

Instrument :

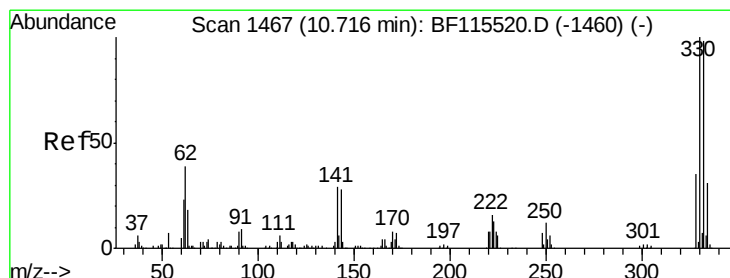
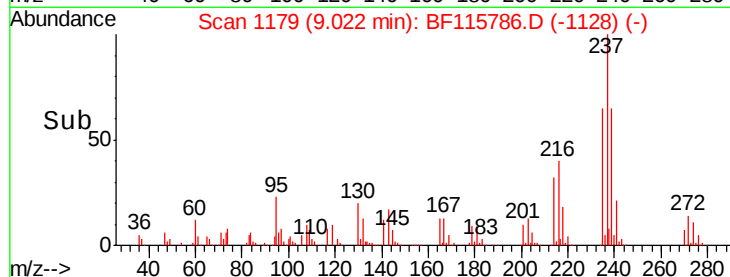
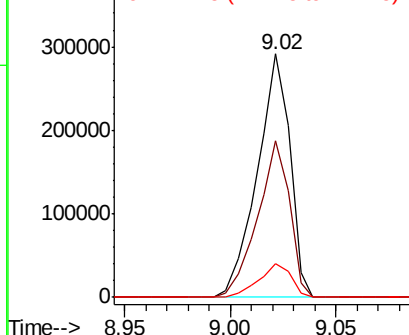
BNA_F

ClientSampleId :

Tot Ion:	237	Resp:	312967
Ion Ratio		Lower	Upper
237	100		
235	64.6	44.3	84.3
272	13.8	0.0	33.0



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



#42

2,4,6-Tribromophenol

Concen: 78.468 ng

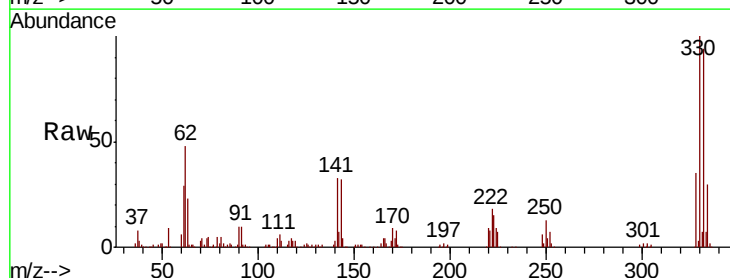
RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

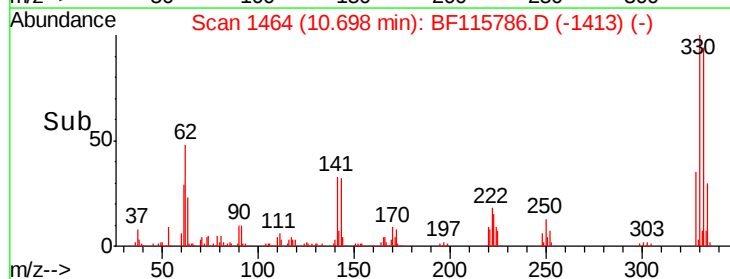
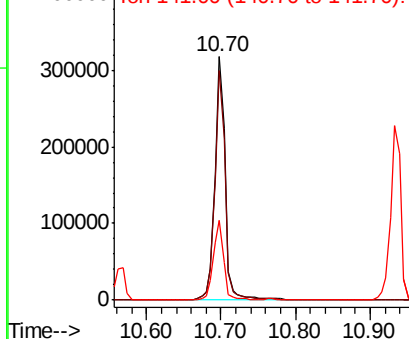
Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Tgt Ion:	330	Resp:	303245
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.1	114.1
141	33.0	25.9	38.9



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

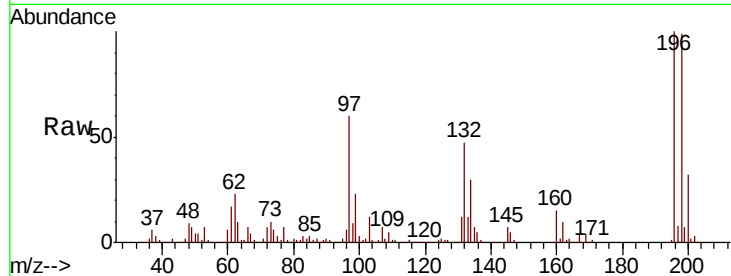




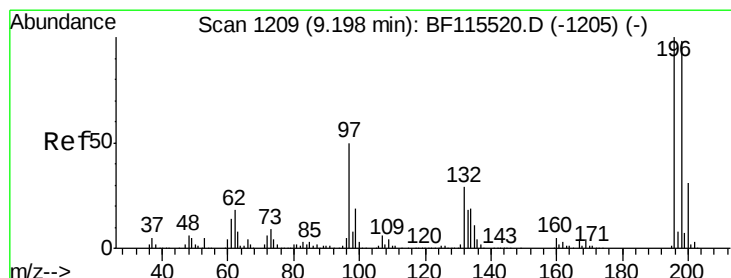
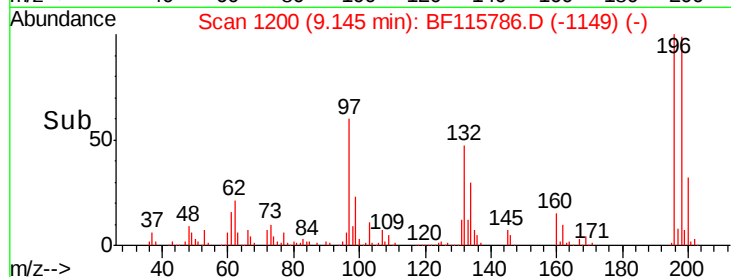
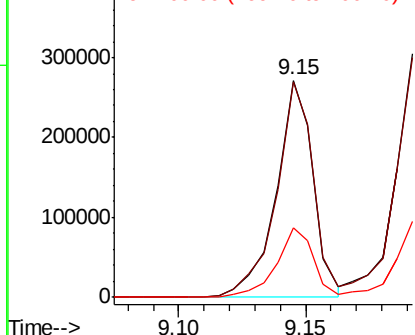
#43
 2,4,6-Trichlorophenol
 Concen: 38.045 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 277391
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.8 119.6
 200 32.1 25.4 38.0

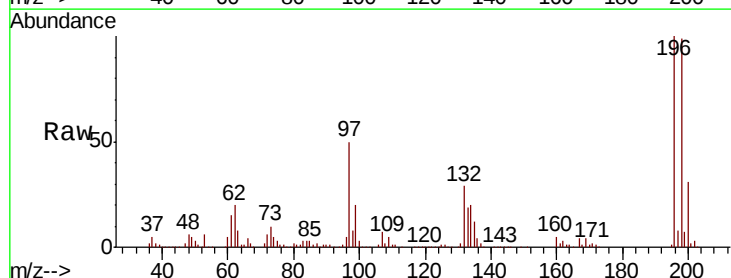


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

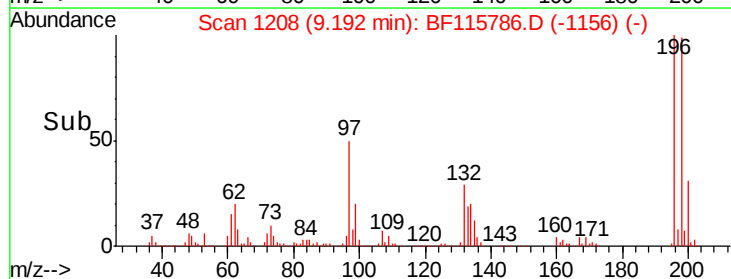
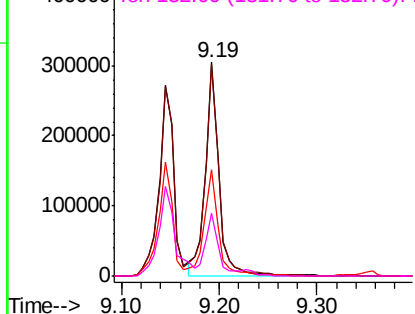


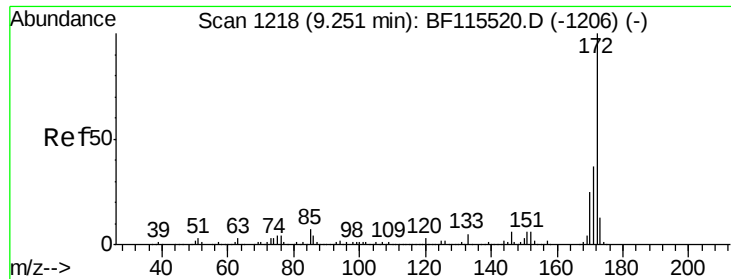
#44
 2,4,5-Trichlorophenol
 Concen: 39.477 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion:196 Resp: 294771
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.2 117.2
 97 49.7 41.9 62.9
 132 29.5 24.1 36.1



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

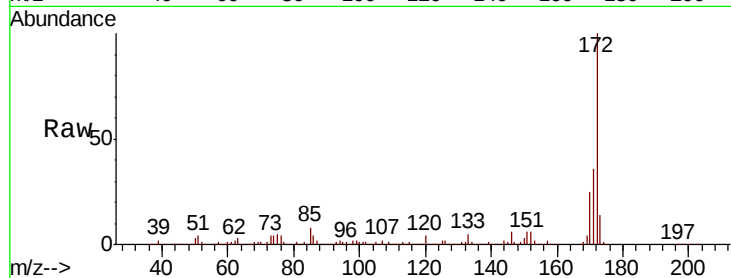




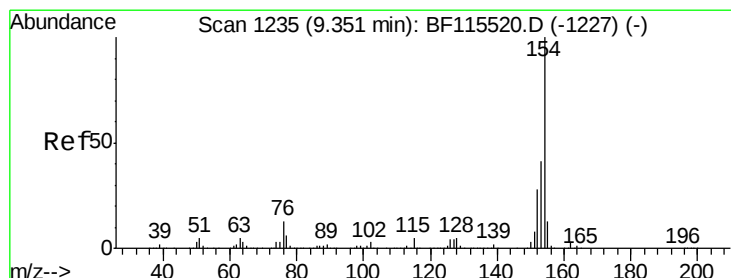
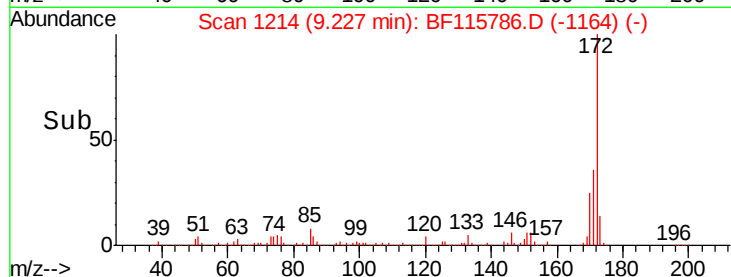
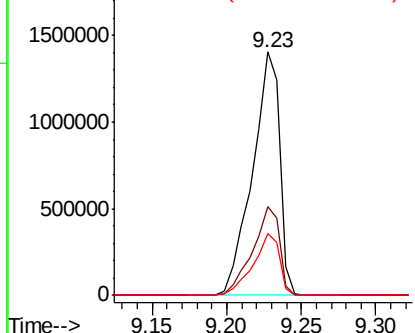
#45
 2-Fluorobiphenyl
 Concen: 93.190 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1762792
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 25.2 20.1 30.1

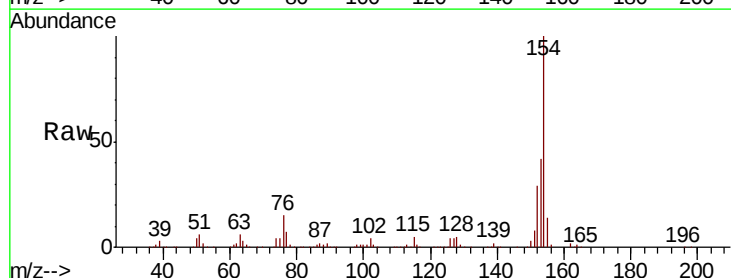


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

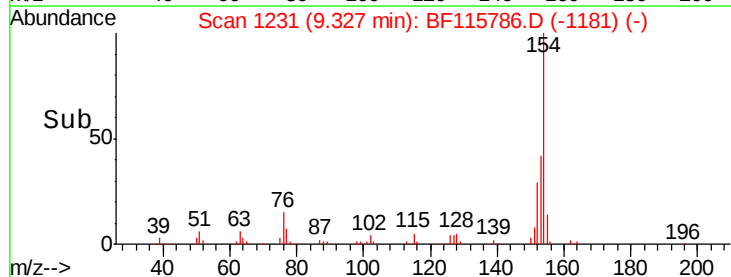
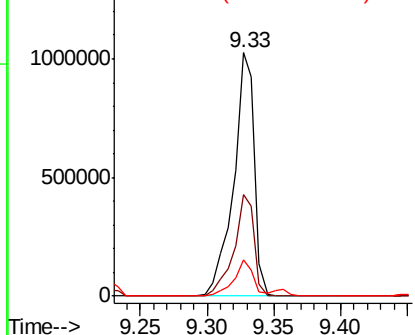


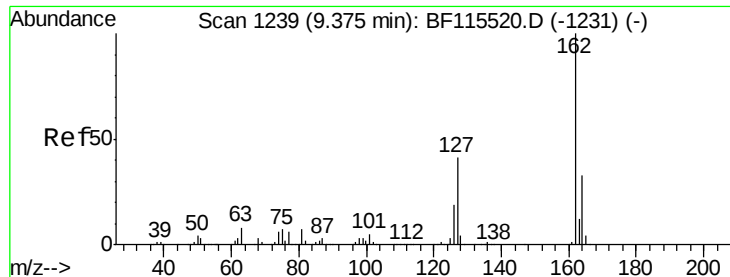
#46
 1,1'-Biphenyl
 Concen: 43.087 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion:154 Resp: 1115269
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.4 61.4
 76 14.7 0.0 33.2



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

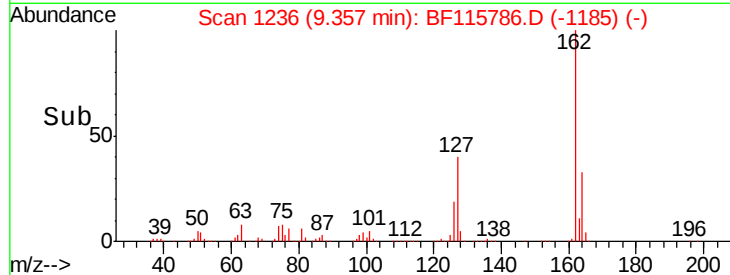
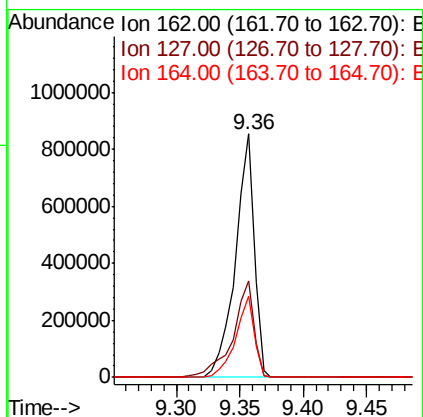
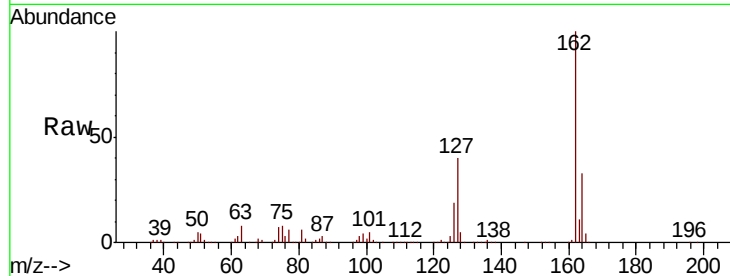




#47
 2-Chloronaphthalene
 Concen: 40.476 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

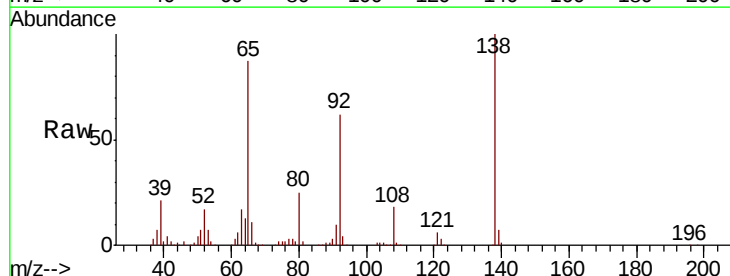
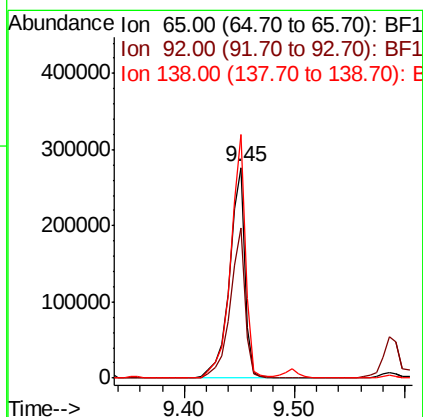
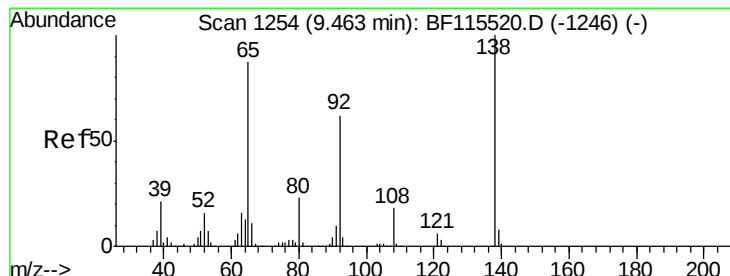
Instrument :
 BNA_F
 ClientSampled :

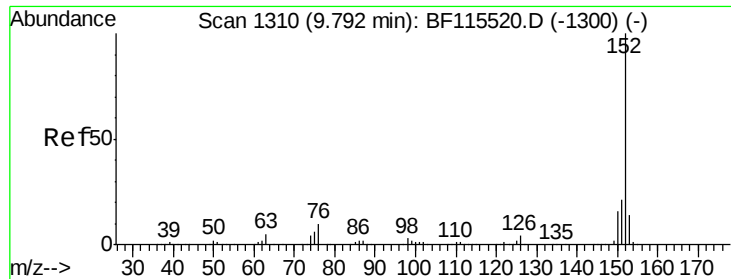
Tot Ion:162 Resp: 872349
 Ion Ratio Lower Upper
 162 100
 127 39.7 32.1 48.1
 164 33.1 26.2 39.4



#48
 2-Nitroaniline
 Concen: 40.613 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion: 65 Resp: 270917
 Ion Ratio Lower Upper
 65 100
 92 71.2 56.9 85.3
 138 115.5 91.4 137.2





#49

Acenaphthylene

Concen: 41.637 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

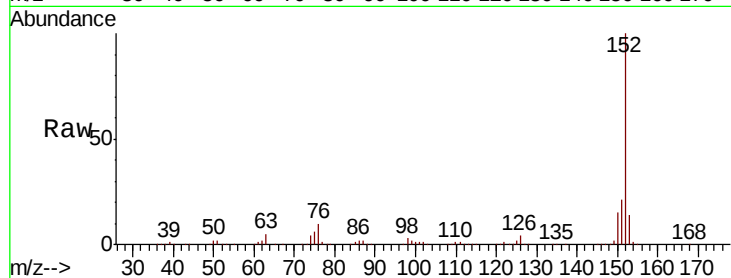
Tot Ion:152 Resp: 1329680

Ion Ratio Lower Upper

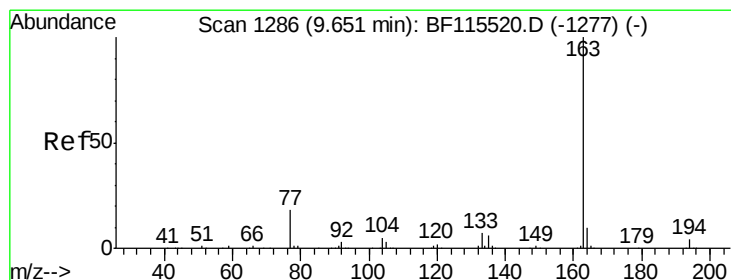
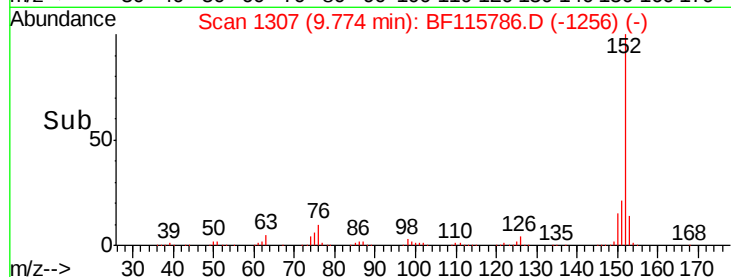
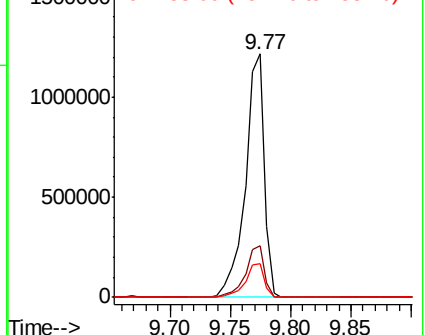
152 100

151 21.0 16.9 25.3

153 14.0 11.5 17.3



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: 41.859 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

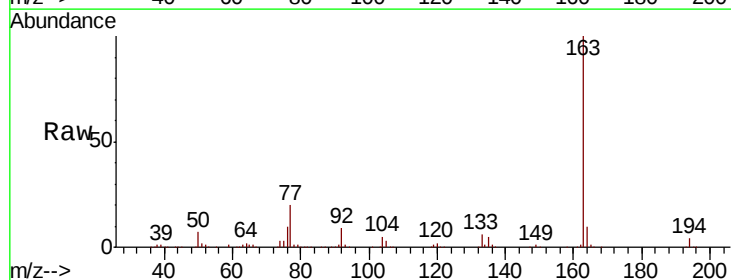
Tgt Ion:163 Resp: 1042710

Ion Ratio Lower Upper

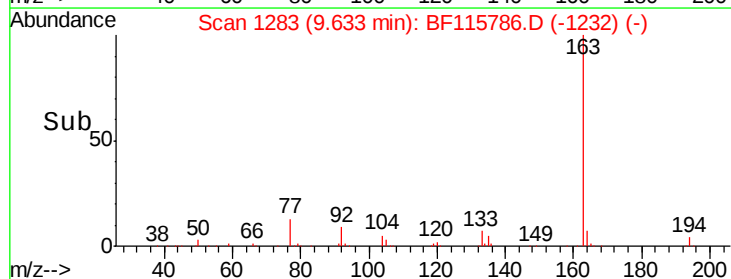
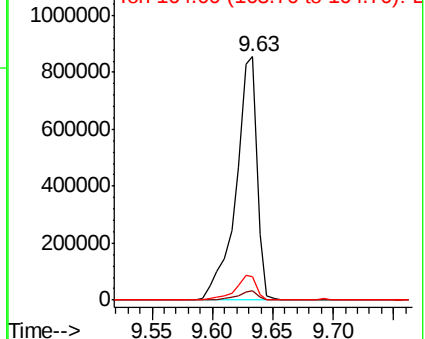
163 100

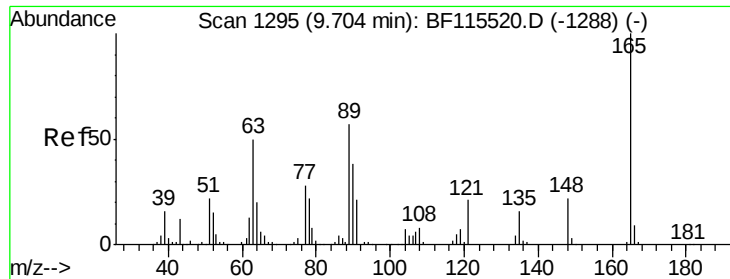
194 4.1 3.2 4.8

164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.778 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampled :

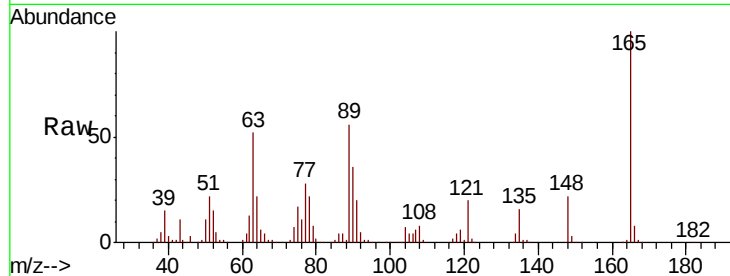
Tot Ion:165 Resp: 230845

Ion Ratio Lower Upper

165 100

63 51.6 43.5 65.3

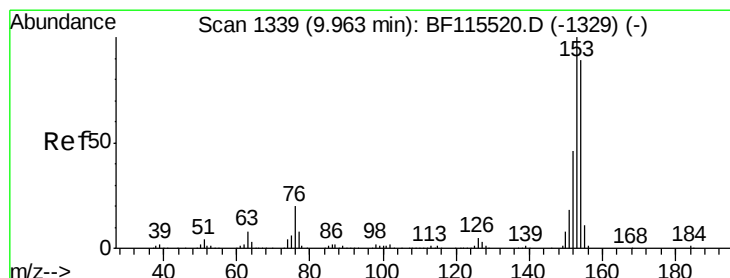
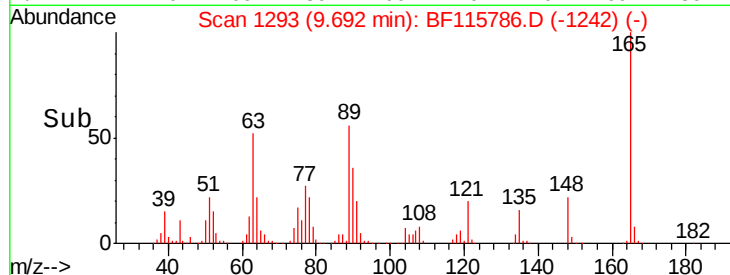
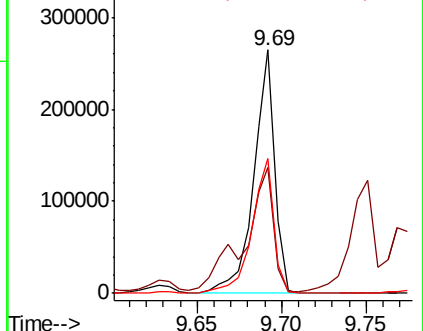
89 55.6 46.3 69.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.394 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

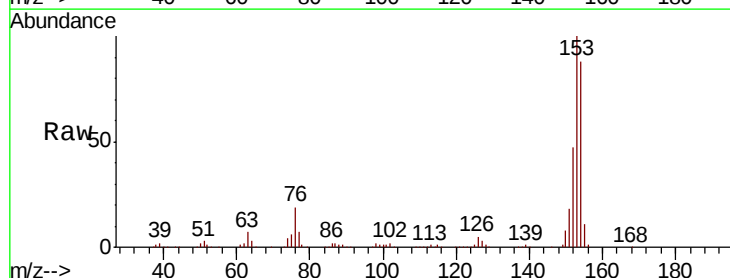
Tgt Ion:154 Resp: 812227

Ion Ratio Lower Upper

154 100

153 114.1 88.1 132.1

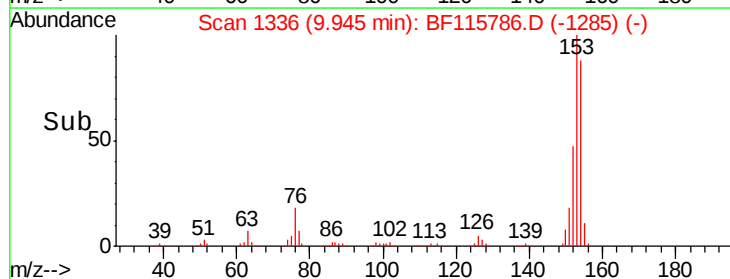
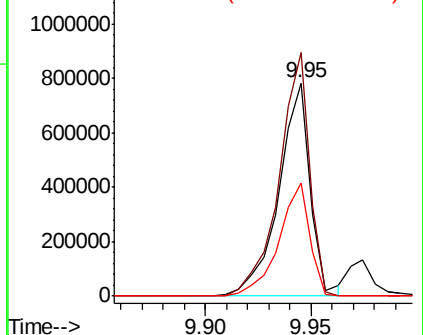
152 53.3 42.0 63.0

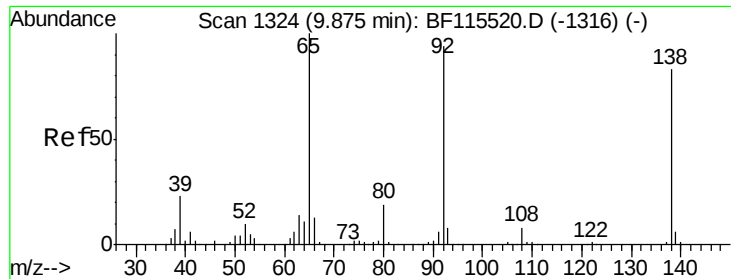


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

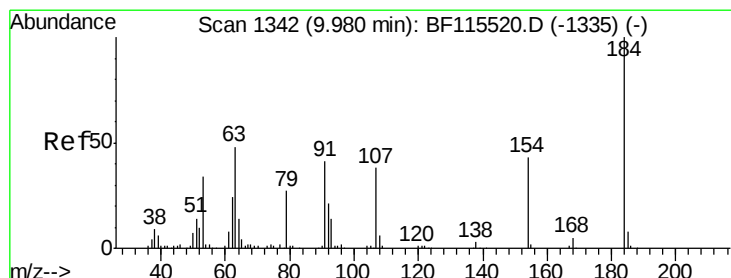
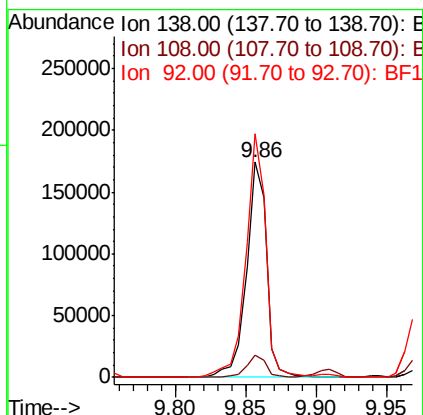
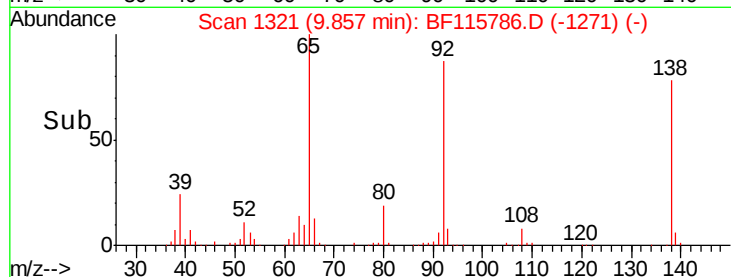
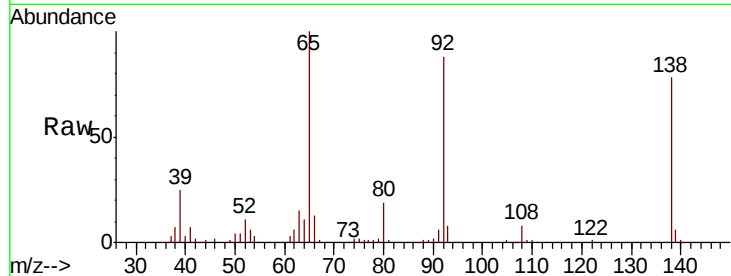




#53
3-Nitroaniline
Concen: 26.827 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

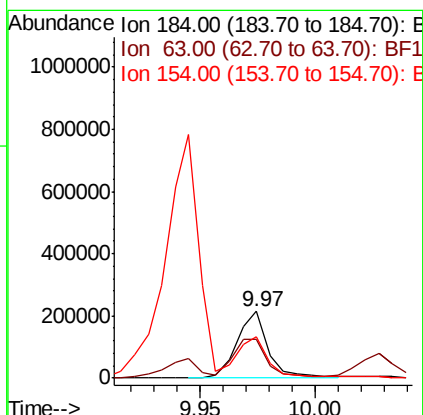
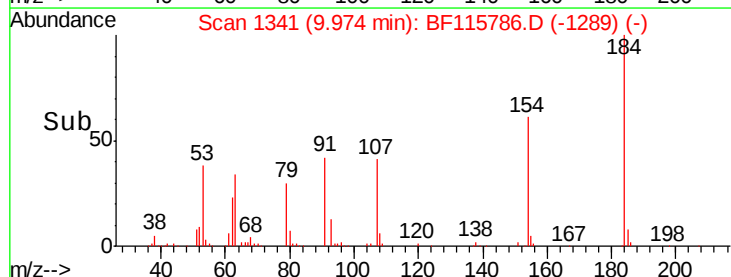
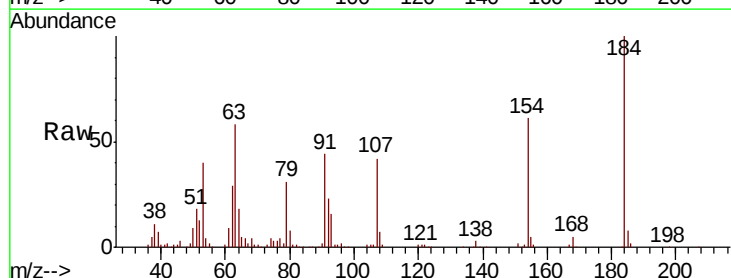
Instrument :
BNA_F
ClientSampleId :

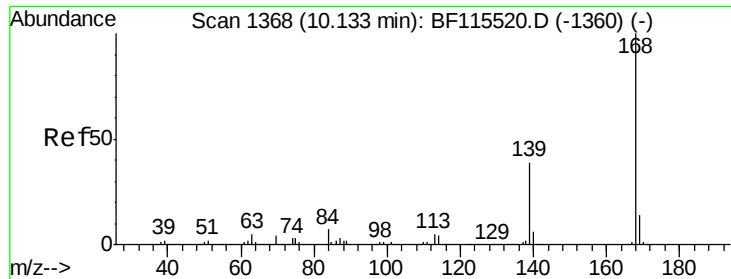
Tot Ion:138 Resp: 173545
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 113.0 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 69.980 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:184 Resp: 203392
Ion Ratio Lower Upper
184 100
63 58.2 55.2 82.8
154 61.4 51.4 77.0

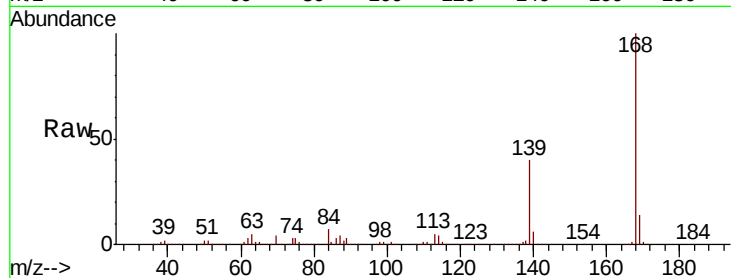




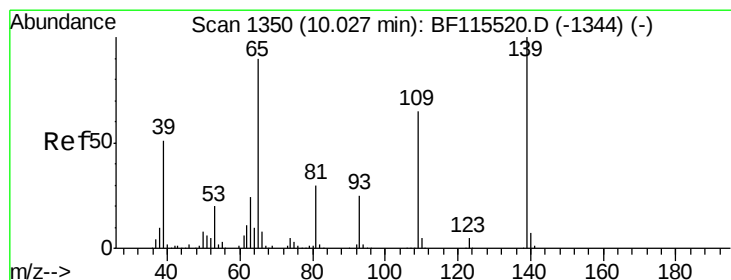
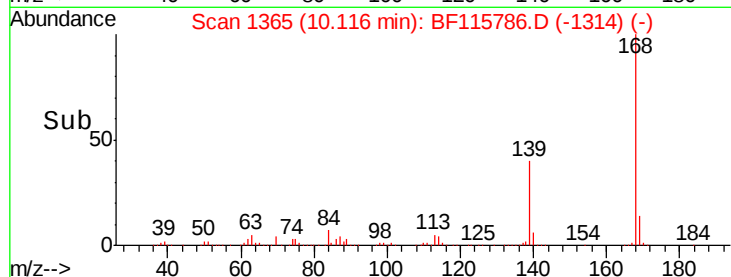
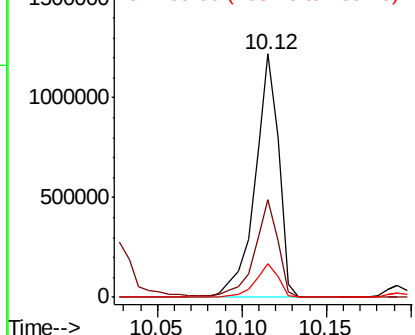
#55
Dibenzenofuran
Concen: 40.697 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1191615
Ion Ratio Lower Upper
168 100
139 40.1 31.4 47.2
169 14.0 11.3 16.9

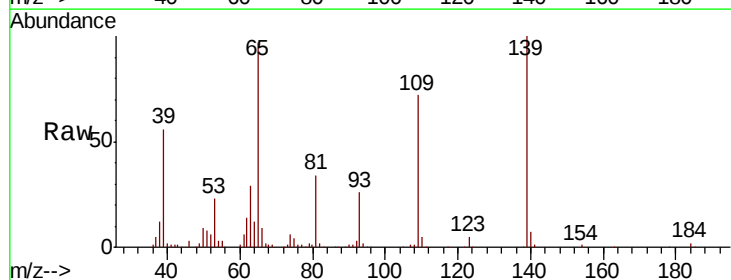


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

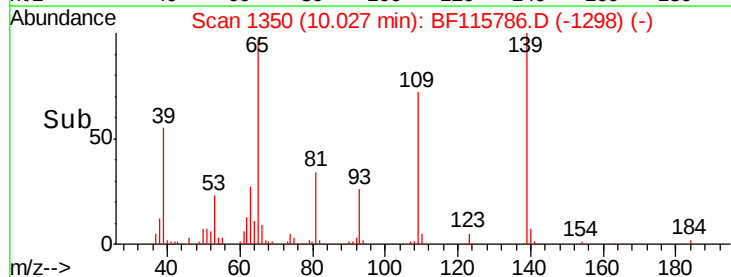
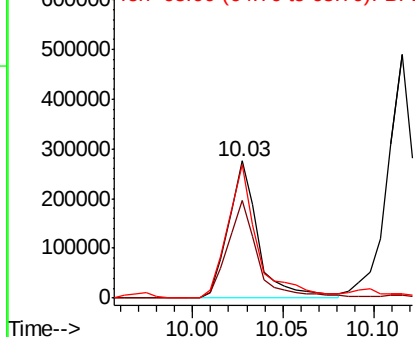


#56
4-Nitrophenol
Concen: 64.500 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:139 Resp: 318182
Ion Ratio Lower Upper
139 100
109 71.6 51.2 91.2
65 97.2 76.0 116.0



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

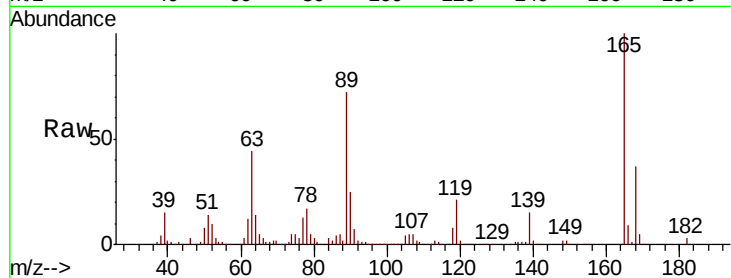




#57
2,4-Dinitrotoluene
Concen: 40.949 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.4	50.2
89	72.4	57.3	85.9
182	2.6	2.1	3.1



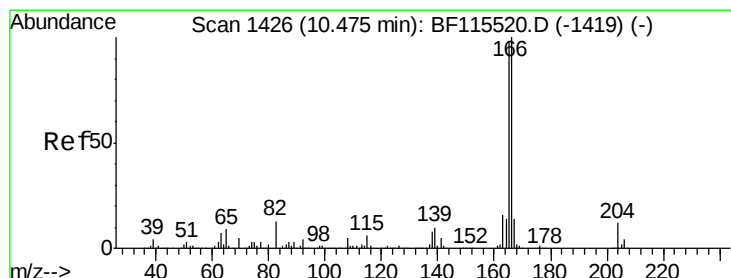
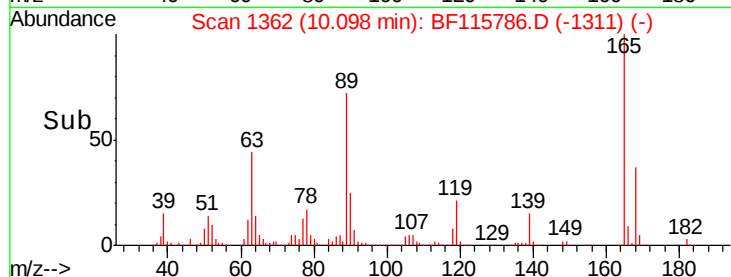
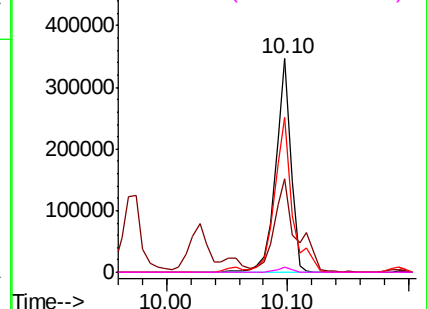
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

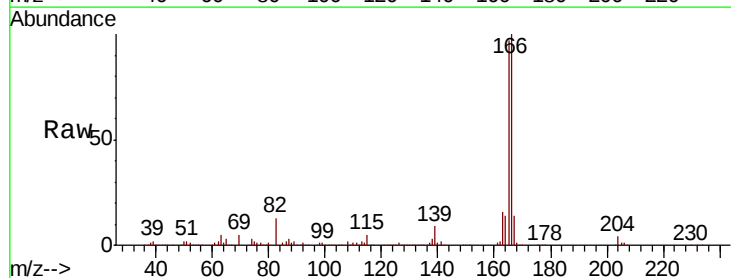
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.055 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.4
167	13.9	11.0	16.6

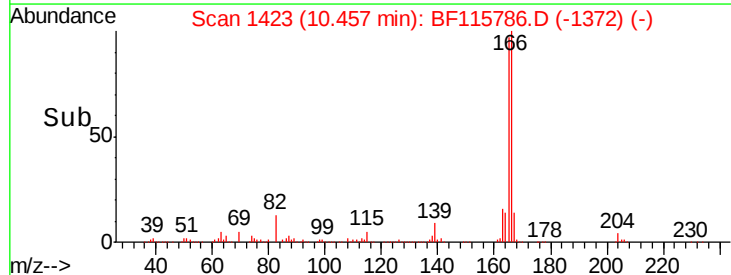
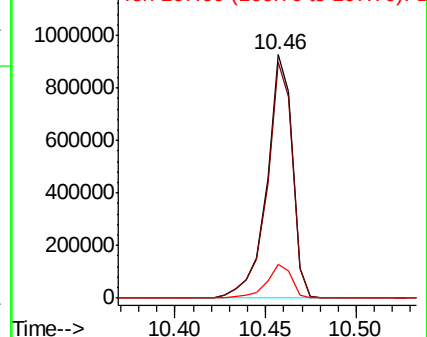


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.525 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 252951

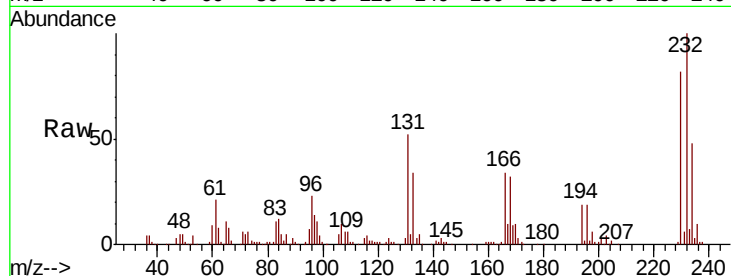
Ion Ratio Lower Upper

232 100

131 45.5 35.8 53.8

130 2.3 1.8 2.6

166 29.3 23.6 35.4

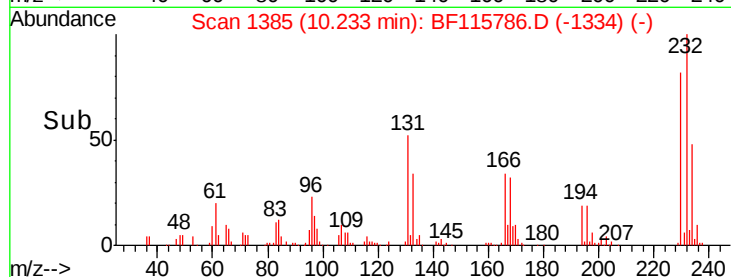


Abundance Ion 232.00 (231.70 to 232.70): E

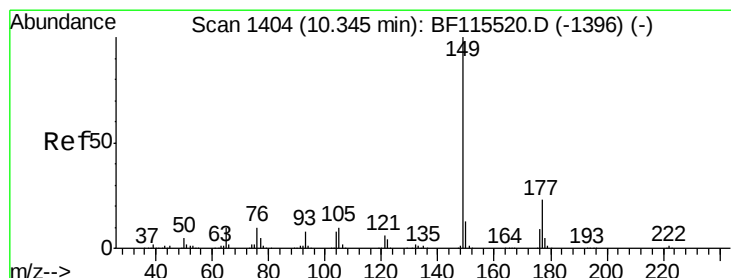
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 42.446 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

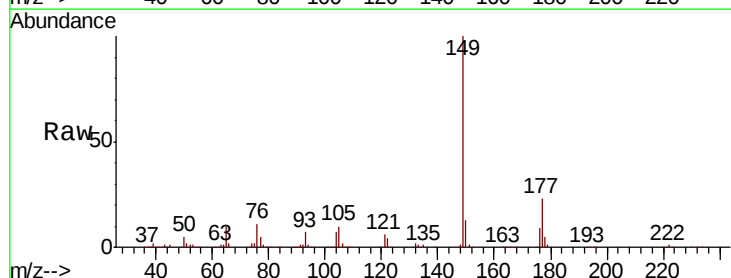
Tgt Ion:149 Resp: 990663

Ion Ratio Lower Upper

149 100

177 23.1 19.0 28.4

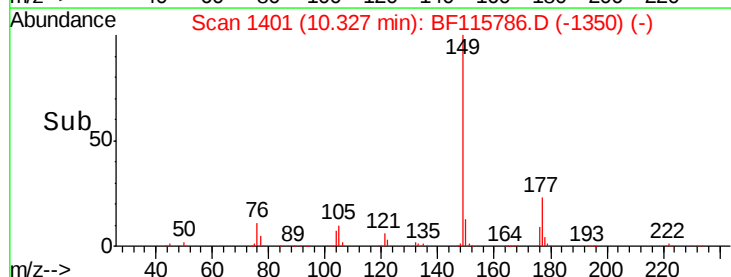
150 13.0 10.5 15.7



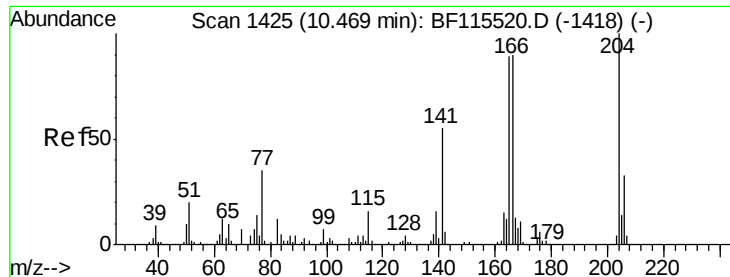
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#61

4-Chlorophenyl-phenylether

Concen: 39.915 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

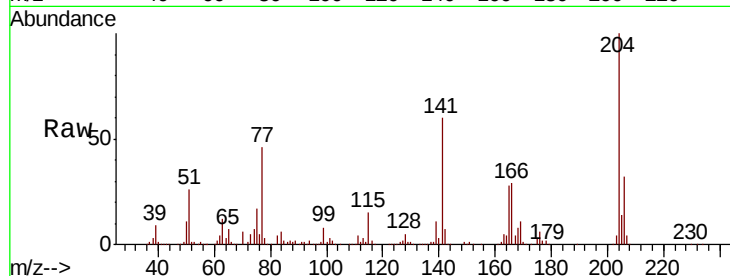
Tot Ion:204 Resp: 463323

Ion Ratio Lower Upper

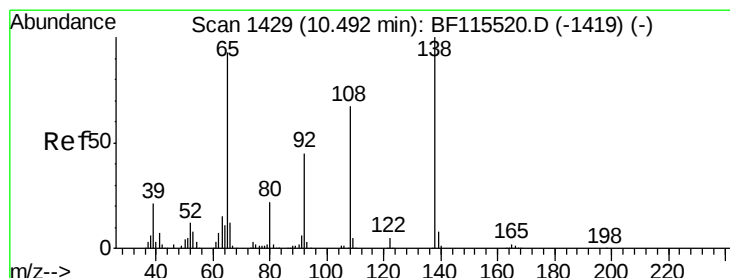
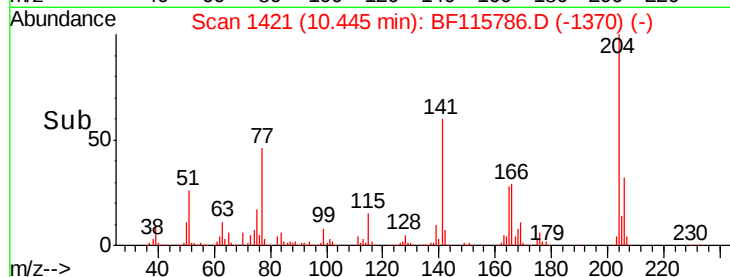
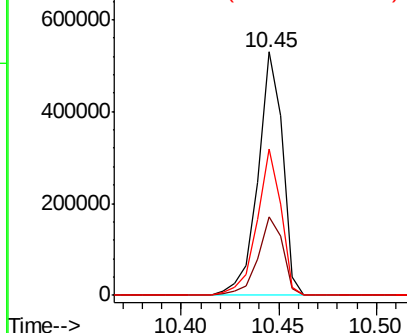
204 100

206 32.5 26.2 39.2

141 59.9 47.3 70.9



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: 37.330 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

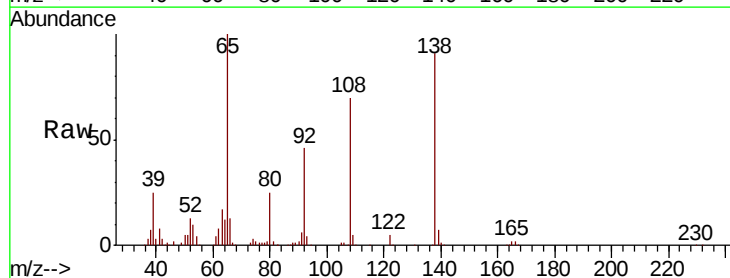
Tgt Ion:138 Resp: 231640

Ion Ratio Lower Upper

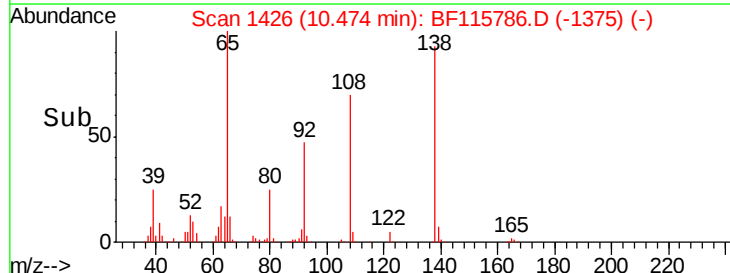
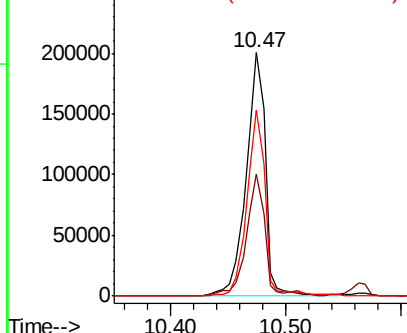
138 100

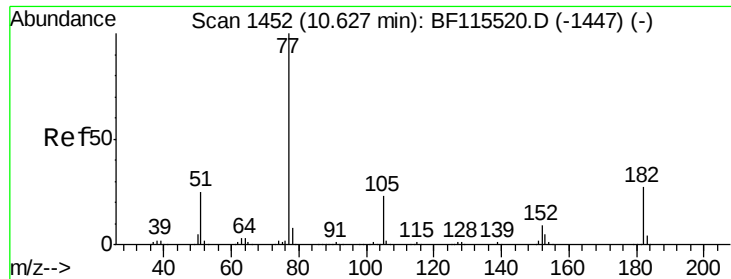
92 50.3 30.3 70.3

108 76.2 55.0 95.0



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: 44.136 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 999184

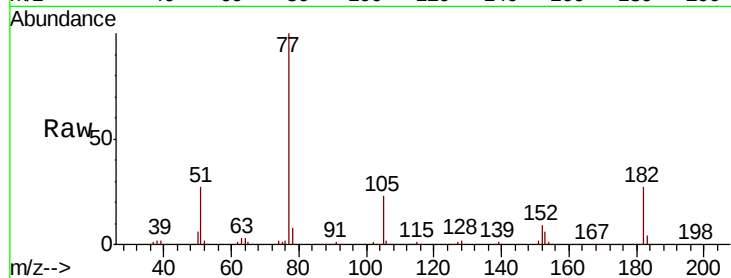
Ion Ratio Lower Upper

77 100

182 26.7 6.9 46.9

105 23.3 3.1 43.1

51 26.6 6.7 46.7

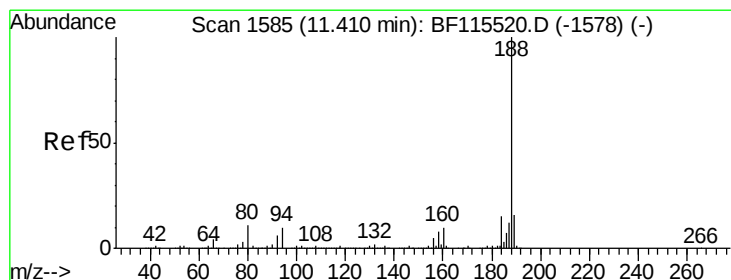
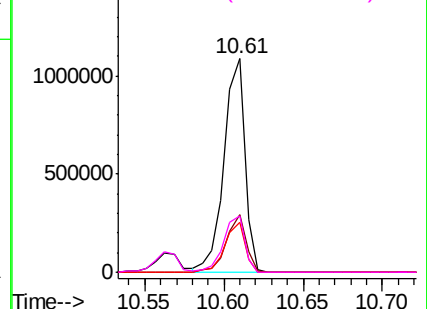
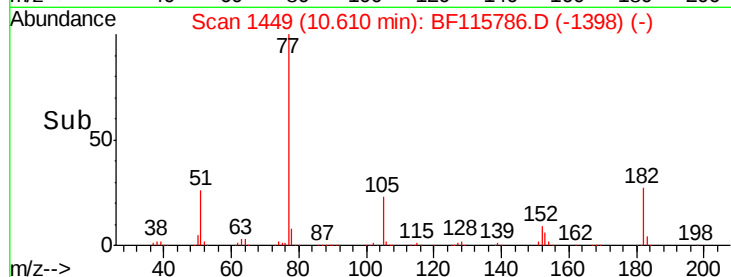


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

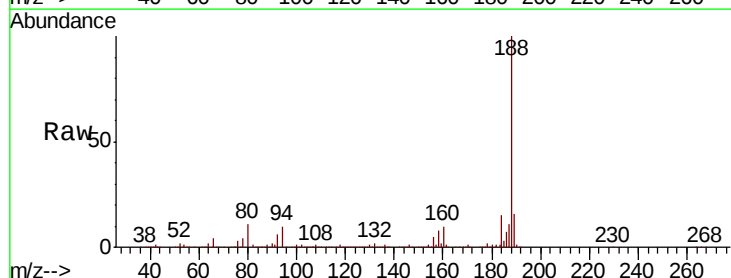
Tgt Ion: 188 Resp: 623603

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

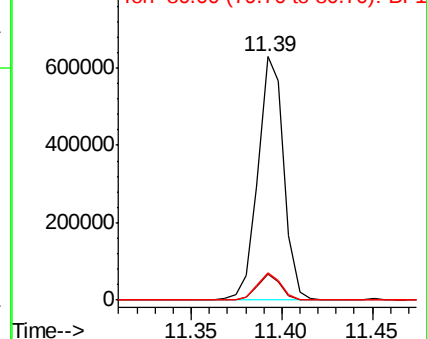
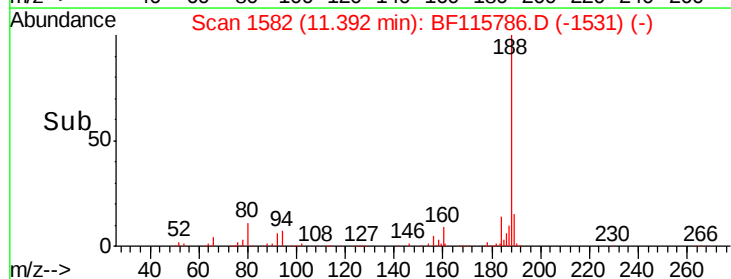
80 11.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.506 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

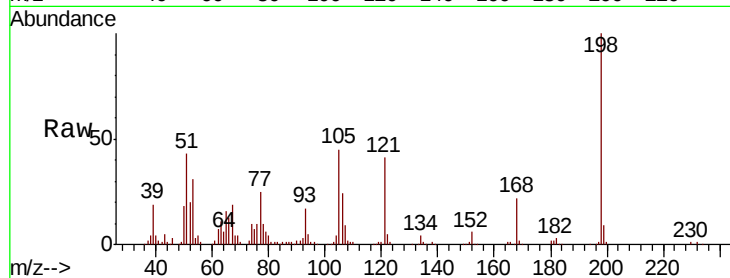
Tot Ion:198 Resp: 146707

Ion	Ratio	Lower	Upper
198	100		
51	42.8	20.3	60.3
105	45.3	24.7	64.7

198 100

51 42.8 20.3 60.3

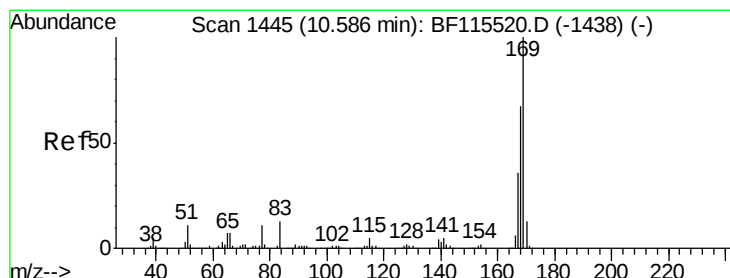
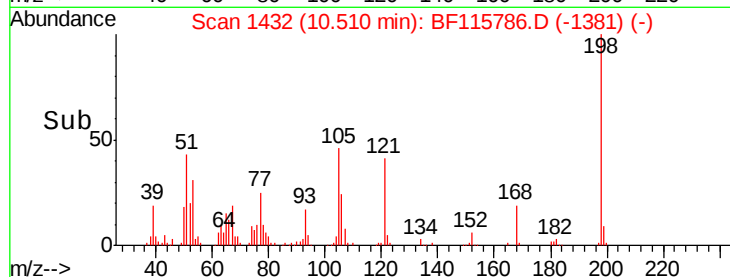
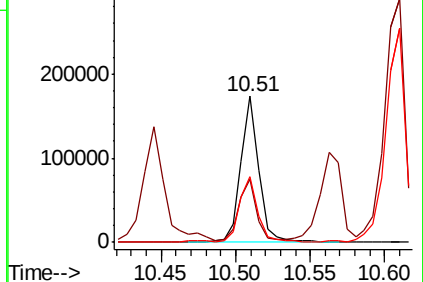
105 45.3 24.7 64.7



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: 41.922 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

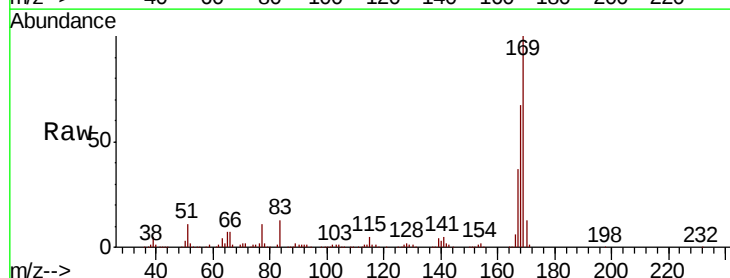
Tgt Ion:169 Resp: 813208

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.0
167	37.3	29.1	43.7

169 100

168 66.5 53.4 80.0

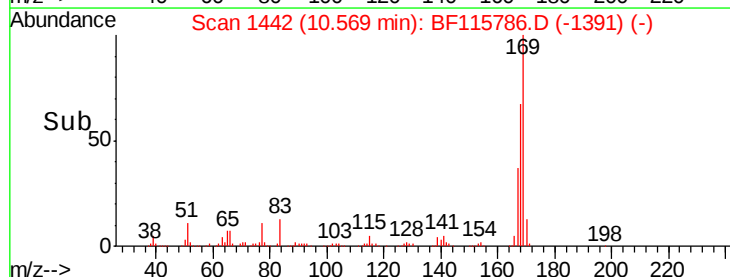
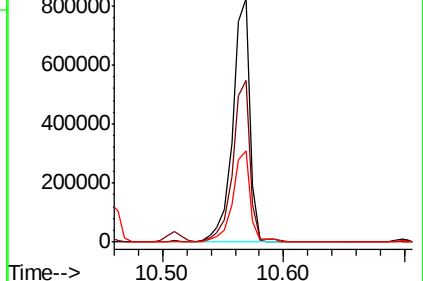
167 37.3 29.1 43.7



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

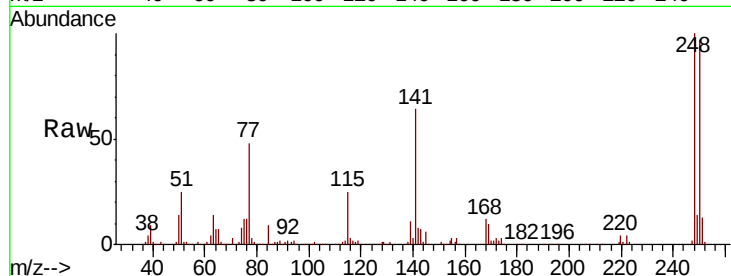




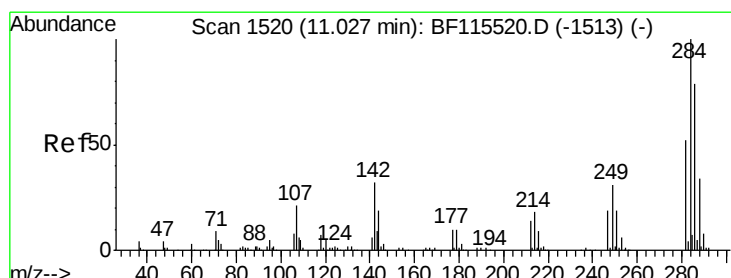
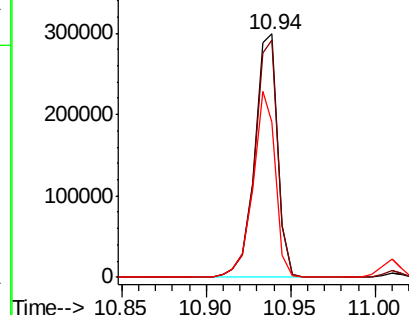
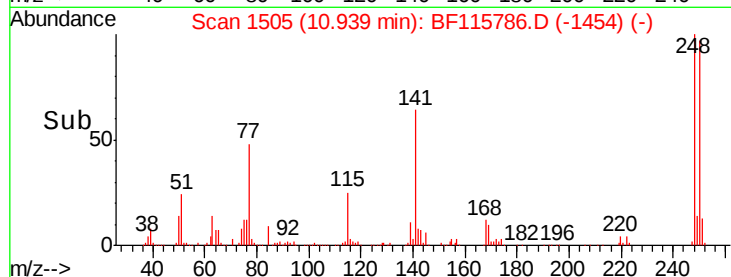
#67
4-Bromophenyl-phenylether
Concen: 40.273 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 287000
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.4
141 63.9 52.1 78.1

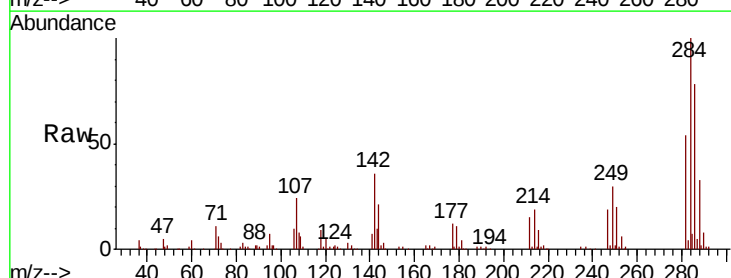


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

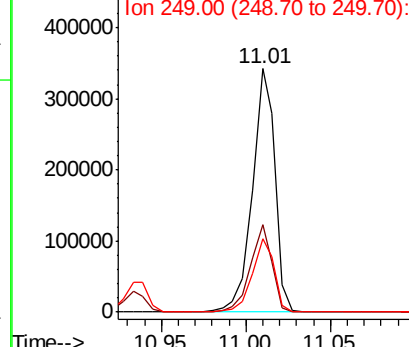
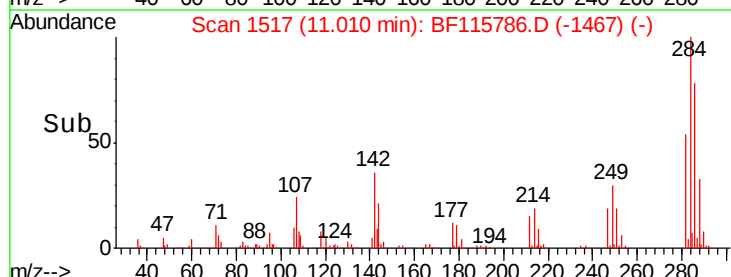


#68
Hexachlorobenzene
Concen: 39.311 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:284 Resp: 319923
Ion Ratio Lower Upper
284 100
142 36.2 21.8 32.8#
249 30.2 23.1 34.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

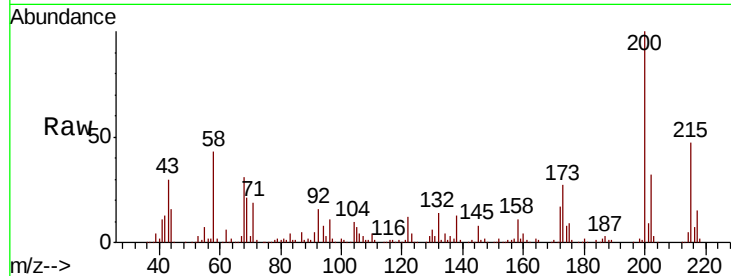




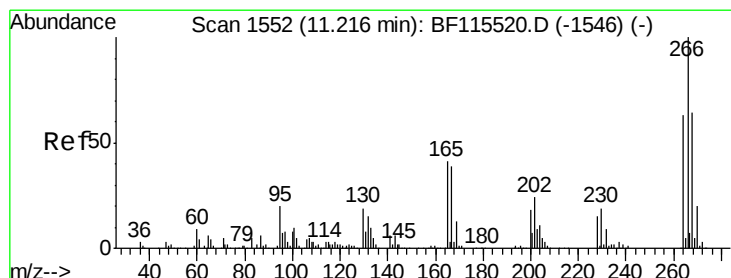
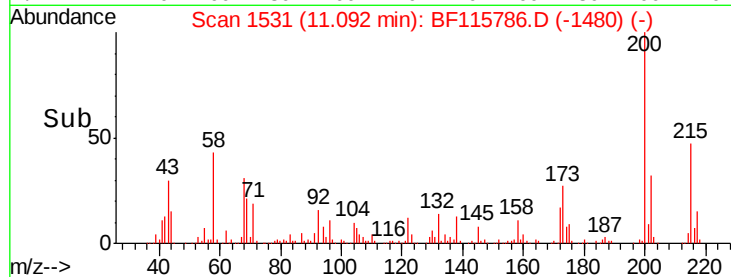
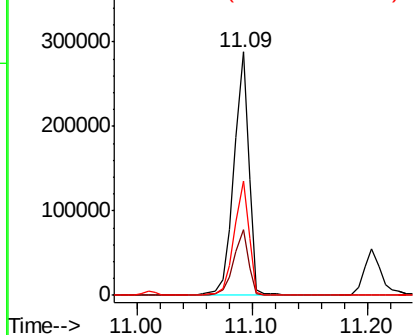
#69
Atrazine
Concen: 40.725 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.9	46.9
215	46.9	26.6	66.6

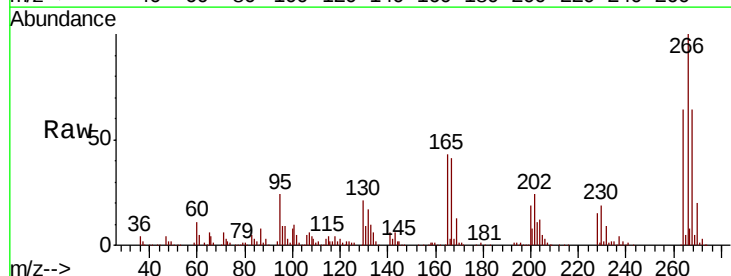


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

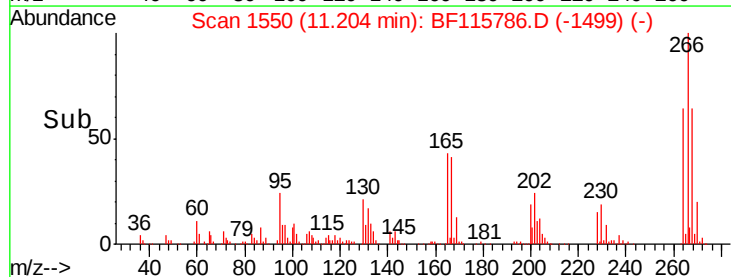
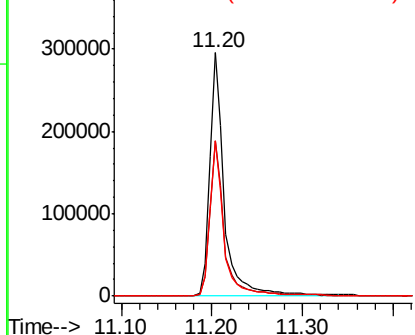


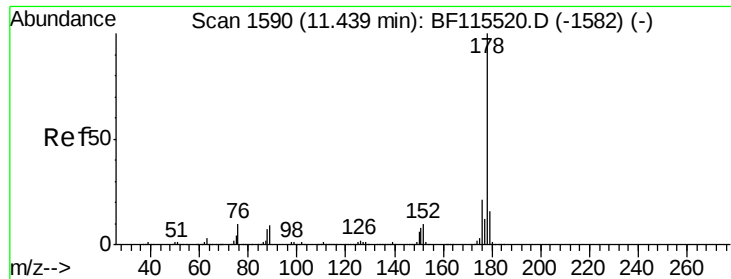
#70
Pentachlorophenol
Concen: 67.619 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.2	76.8
264	63.8	50.0	75.0



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





#71

Phenanthrene

Concen: 40.620 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

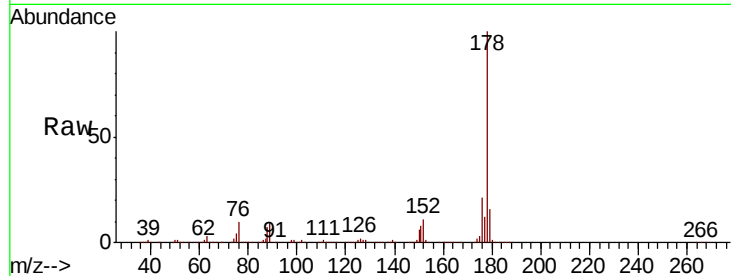
Tot Ion:178 Resp: 1298416

Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

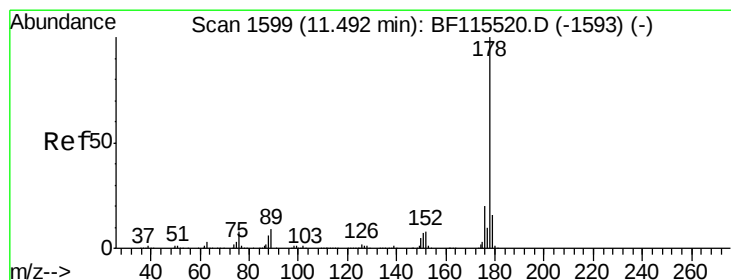
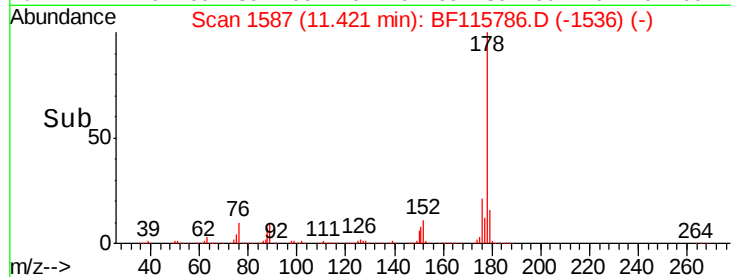
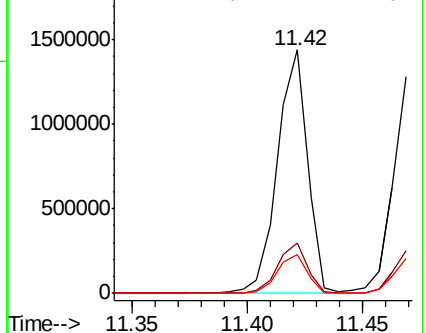
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.869 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

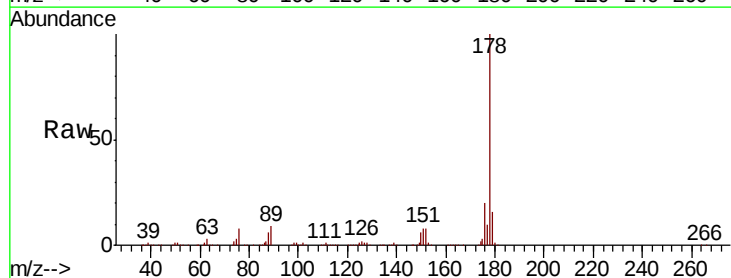
Tgt Ion:178 Resp: 1350094

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

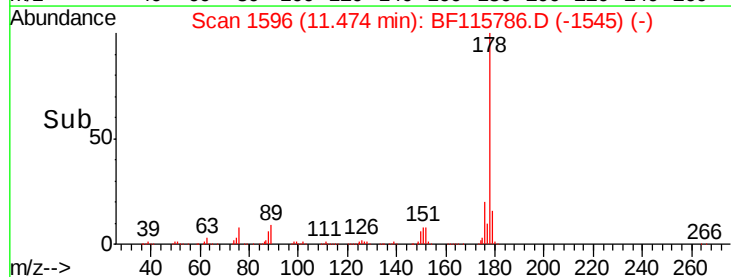
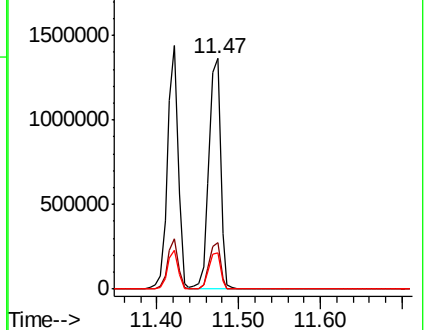
179 16.0 12.6 18.8

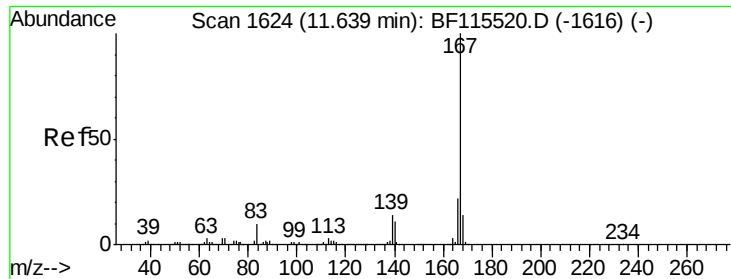


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



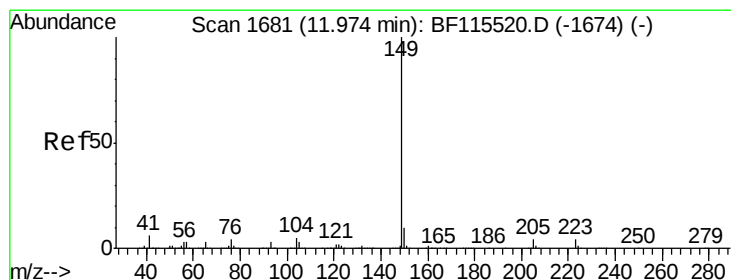
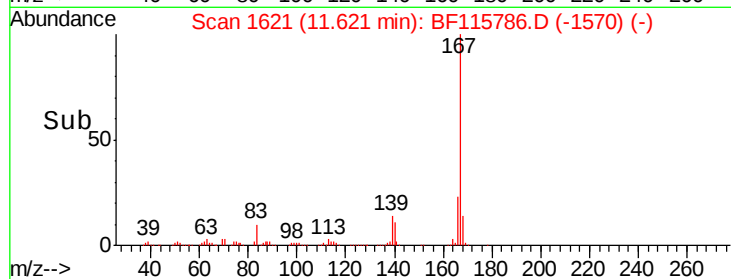
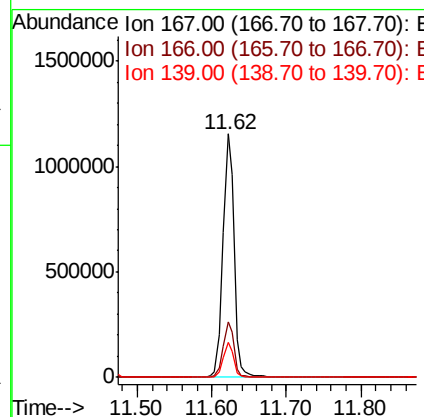
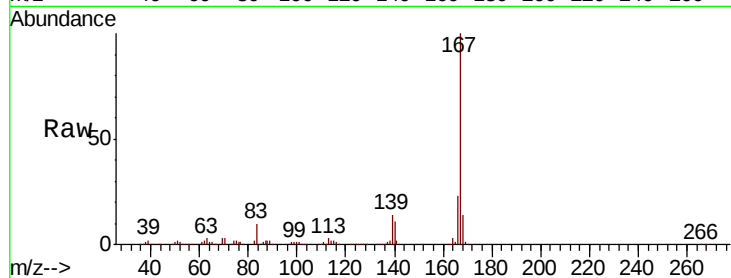


#73
 Carbazole
 Concen: 41.040 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1188906

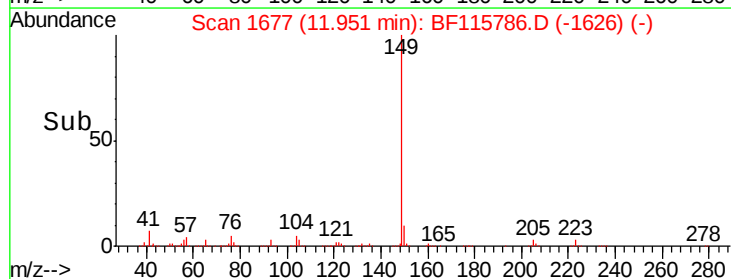
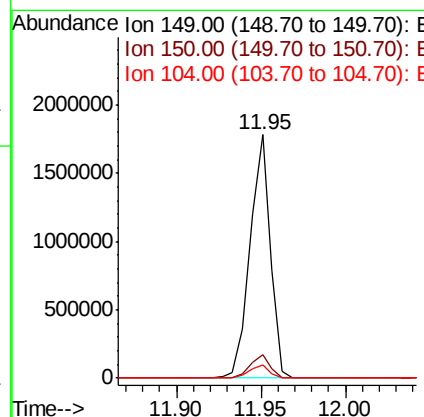
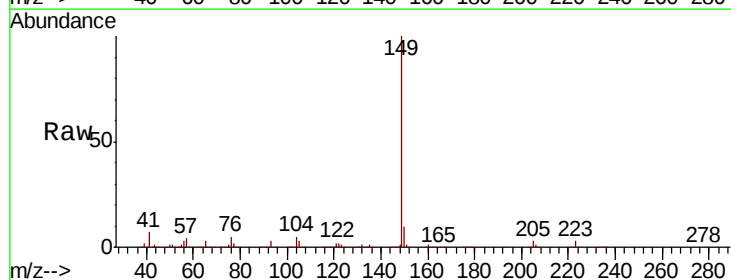
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.4	11.1	16.7

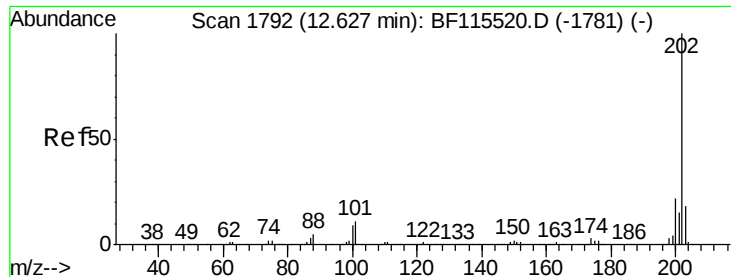


#74
 Di-n-butylphthalate
 Concen: 42.161 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF115786.D
 Acq: 26 Jul 2019 14:10

Tgt Ion:149 Resp: 1504445

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.4	4.3	6.5

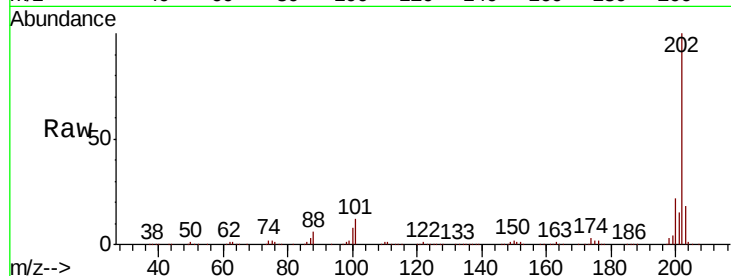




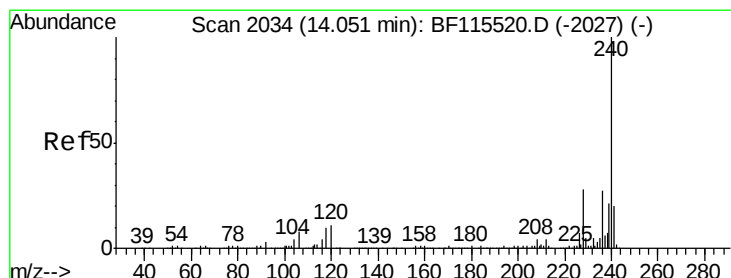
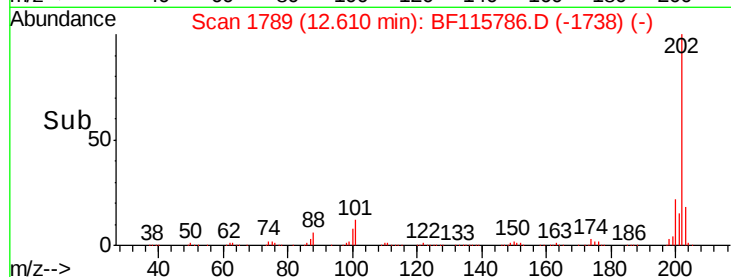
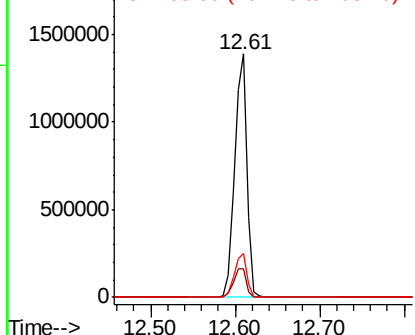
#75
Fluoranthene
Concen: 40.068 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1353449
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.6
203 17.8 0.0 38.0

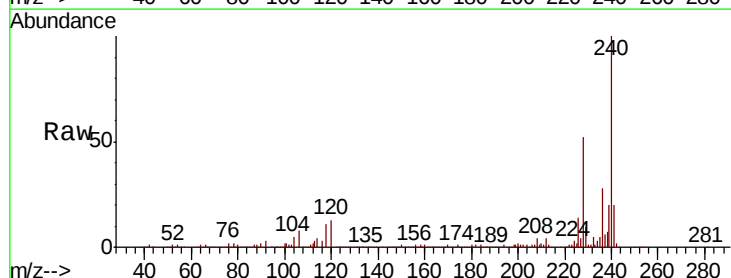


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

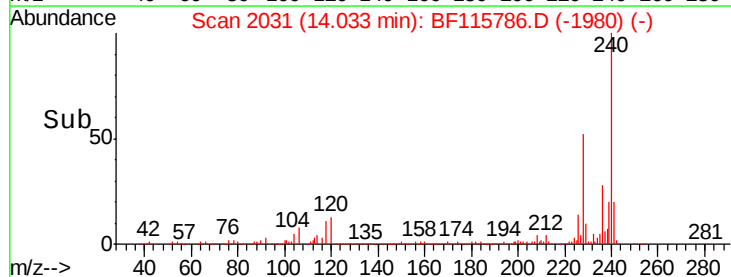
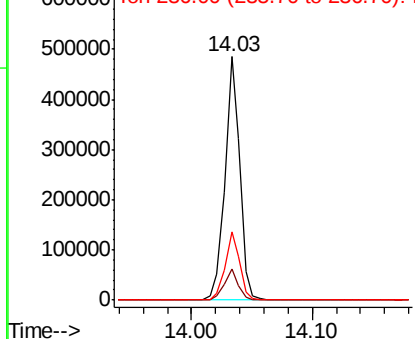


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:240 Resp: 408466
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 27.8 21.8 32.6



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





#77

Benzidine

Concen: 23.728 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

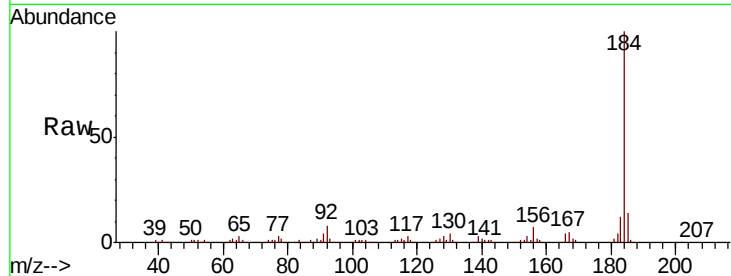
Tot Ion:184 Resp: 343340

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

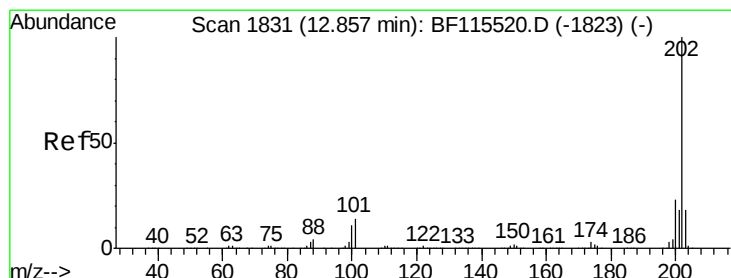
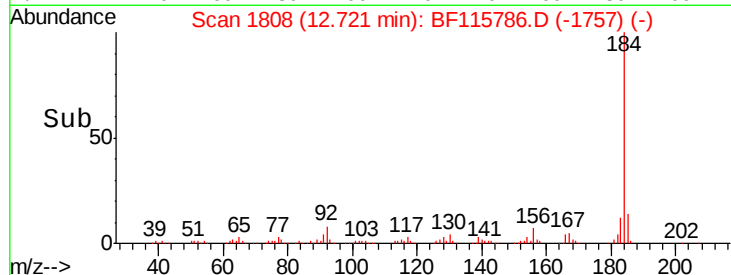
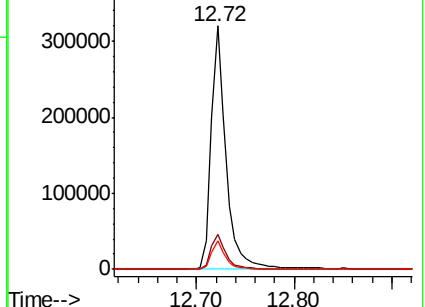
183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.204 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

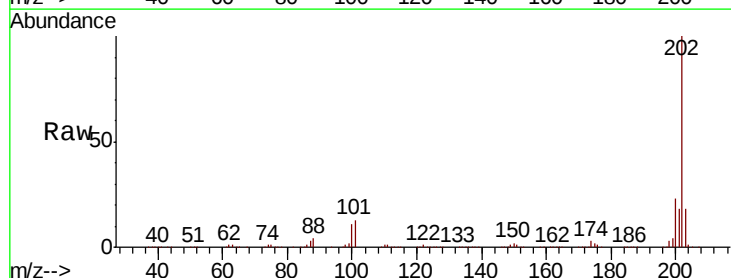
Tgt Ion:202 Resp: 1356721

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.4

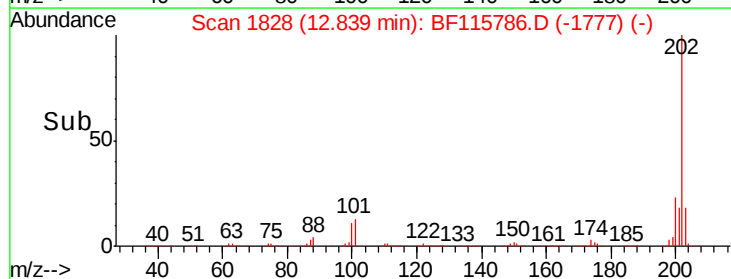
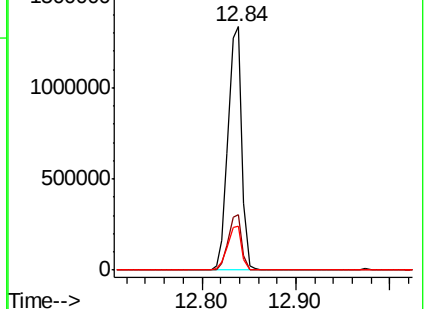
203 17.9 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.479 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

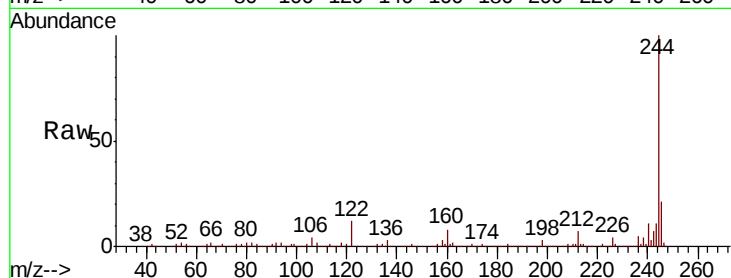
Tot Ion:244 Resp: 1803709

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

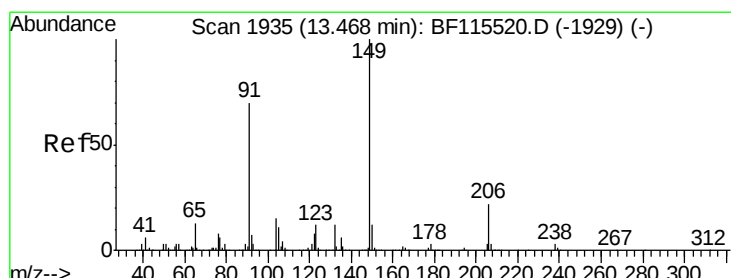
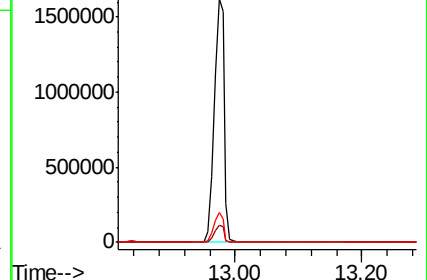
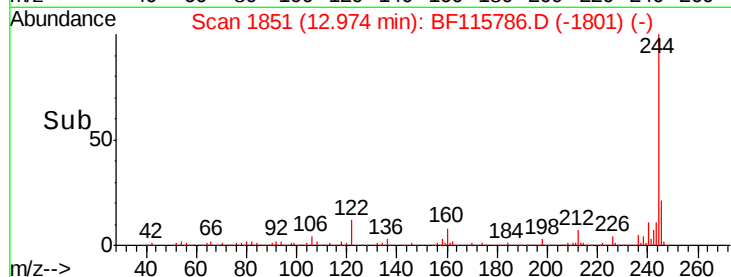
122 12.2 8.2 12.4



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: 42.345 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

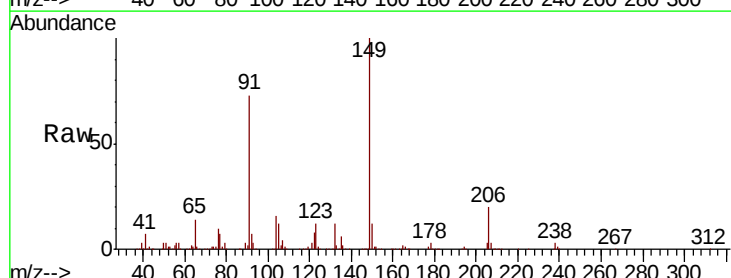
Tgt Ion:149 Resp: 624697

Ion Ratio Lower Upper

149 100

91 73.4 59.8 89.8

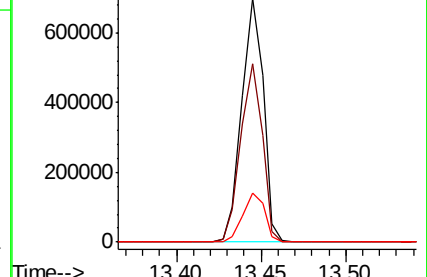
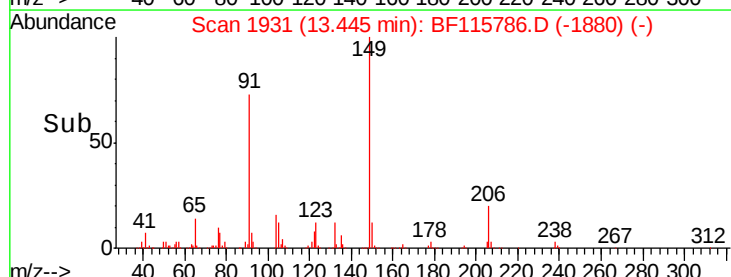
206 20.2 16.2 24.4



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: 40.867 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

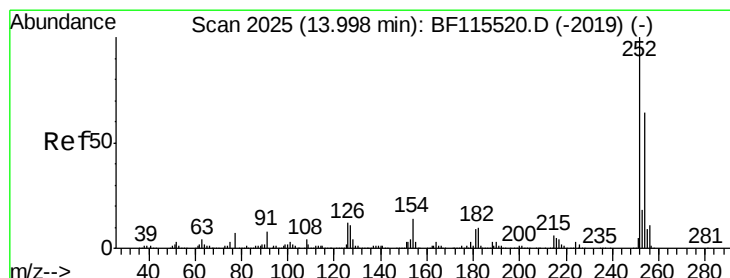
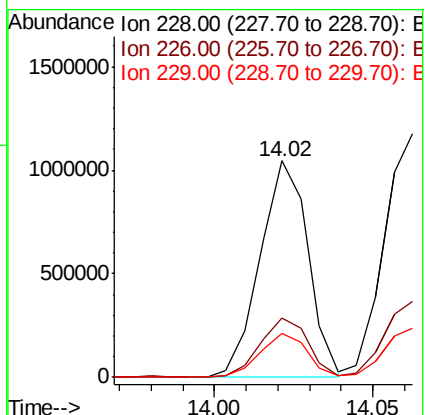
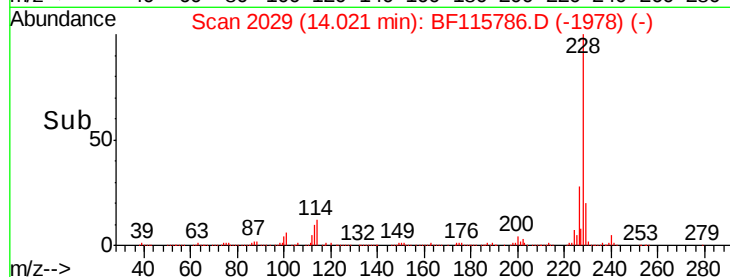
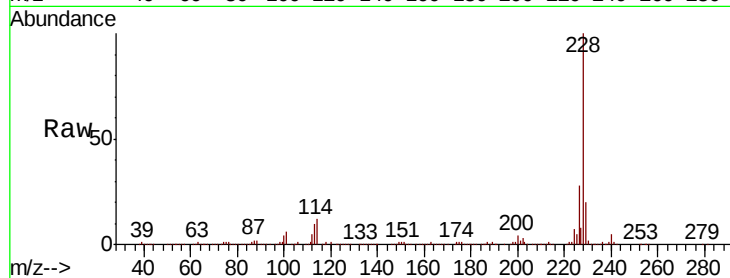
Tot Ion:228 Resp: 1099723

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.2	16.1	24.1

228 100

226 27.6 22.2 33.2

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 32.992 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

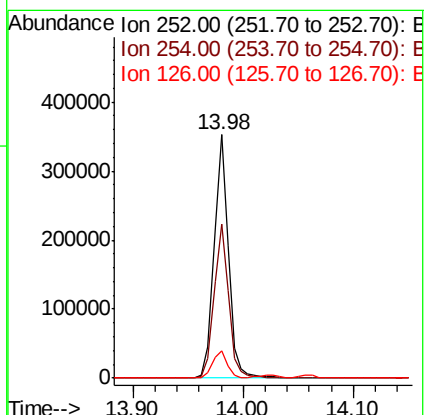
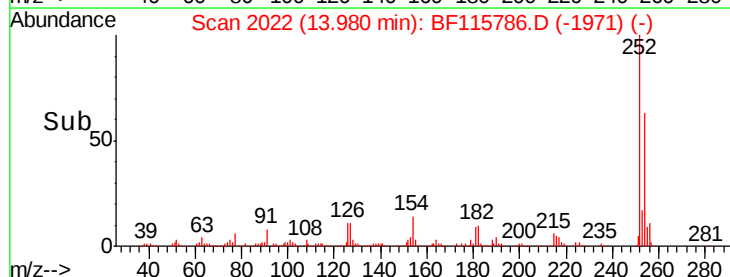
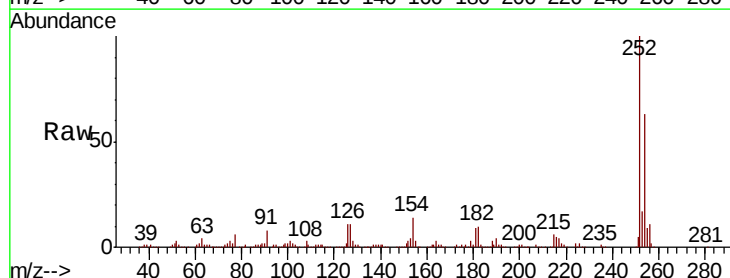
Tgt Ion:252 Resp: 315614

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.6	77.4
126	11.3	9.9	14.9

252 100

254 63.1 51.6 77.4

126 11.3 9.9 14.9





#83

Chrysene

Concen: 39.567 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

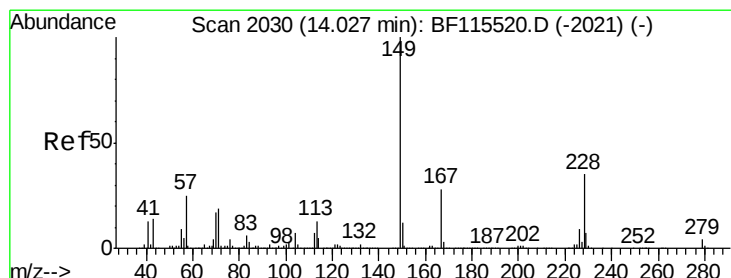
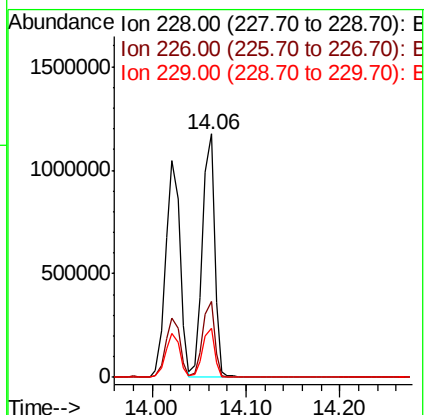
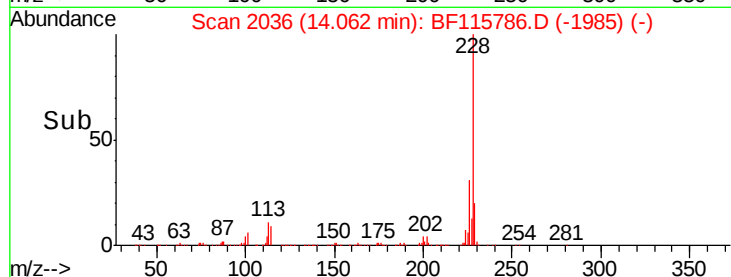
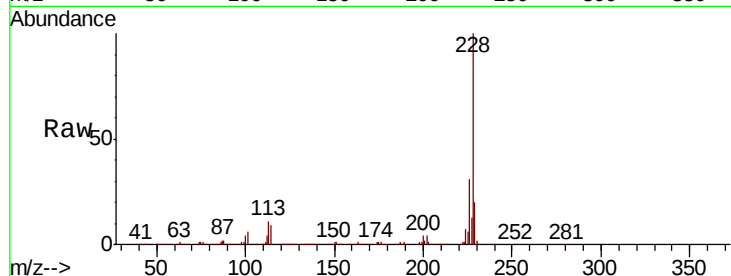
Tot Ion:228 Resp: 1068858

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.051 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

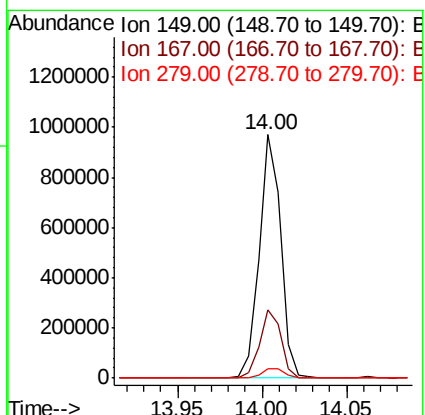
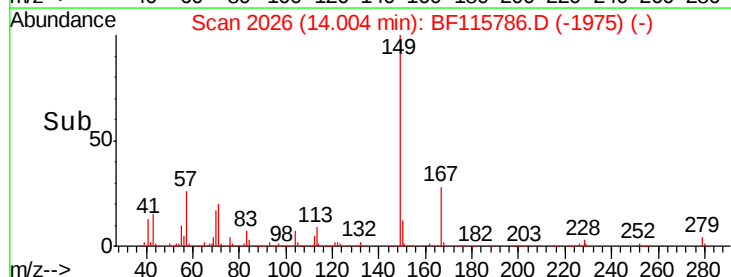
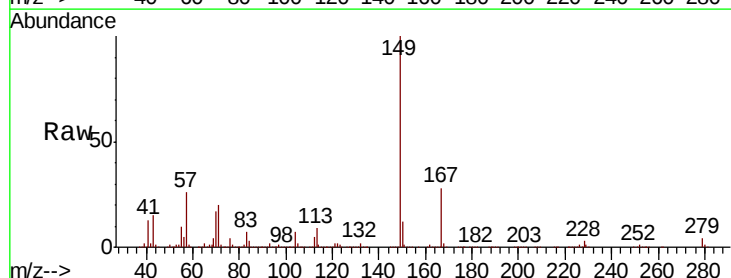
Tgt Ion:149 Resp: 859799

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.203 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

Instrument :

BNA_F

ClientSampleId :

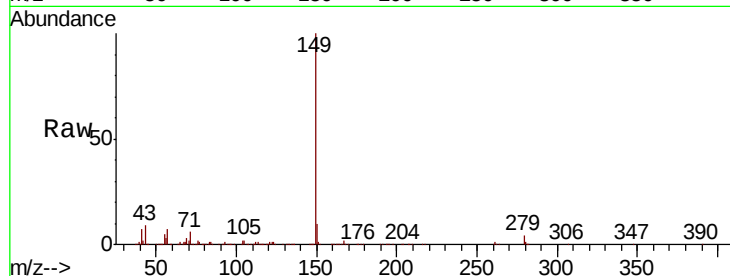
Tot Ion:149 Resp: 1372439

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

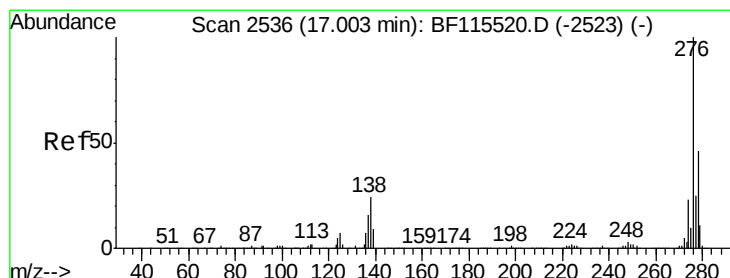
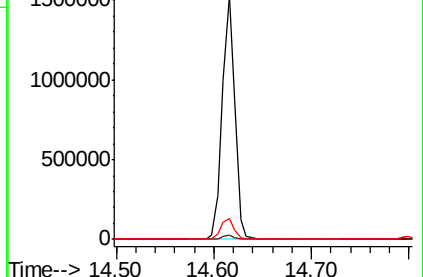
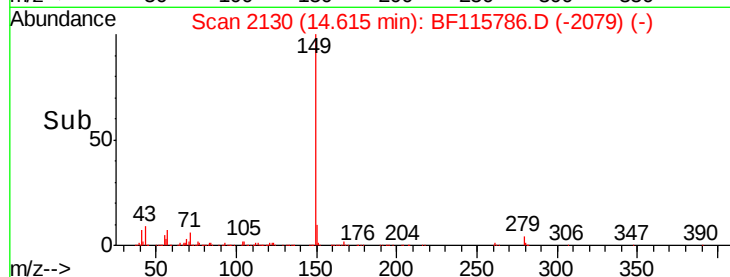
43 8.9 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.077 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF115786.D

Acq: 26 Jul 2019 14:10

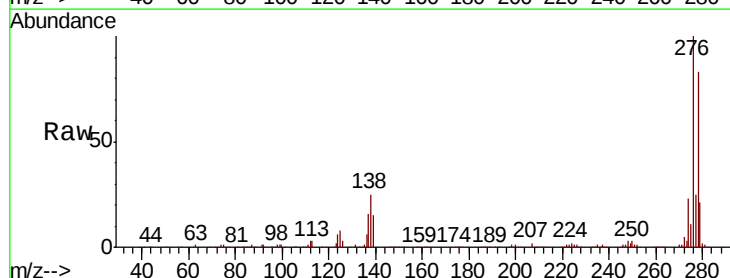
Tgt Ion:276 Resp: 850927

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

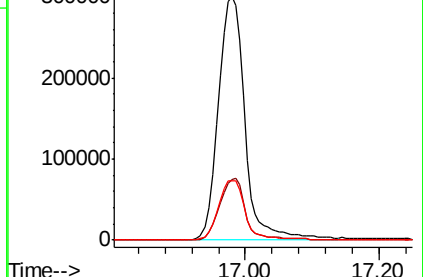
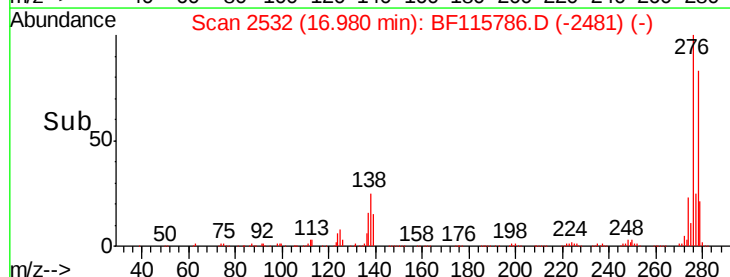
277 25.0 19.8 29.8

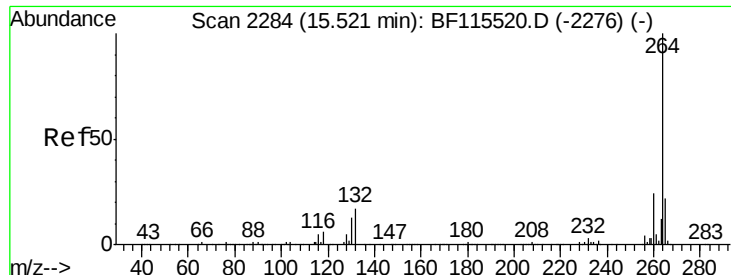


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



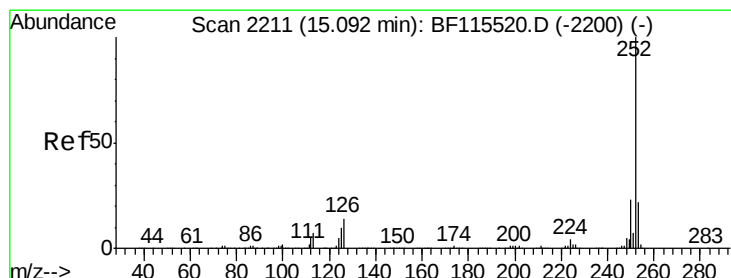
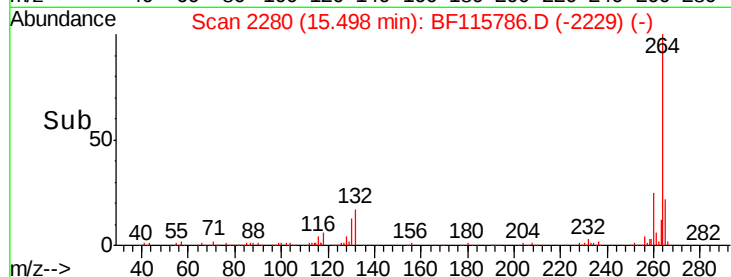
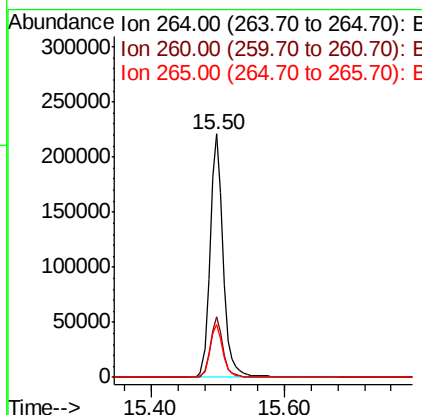
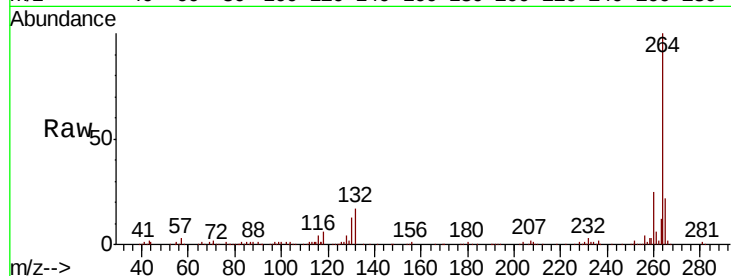


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 303659

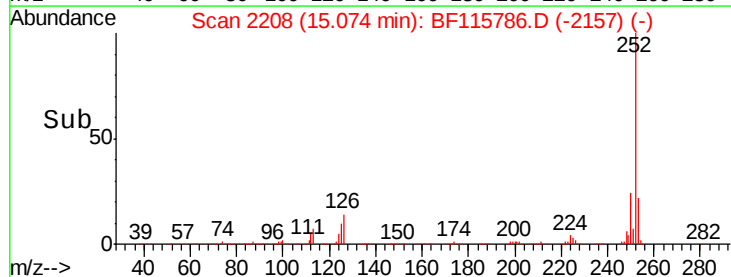
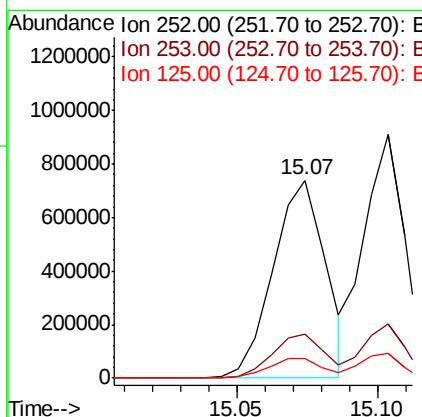
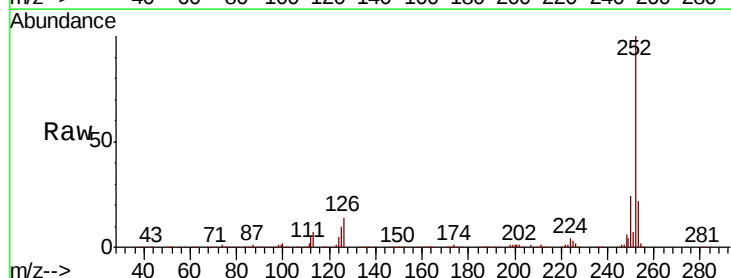
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.9	17.5	26.3

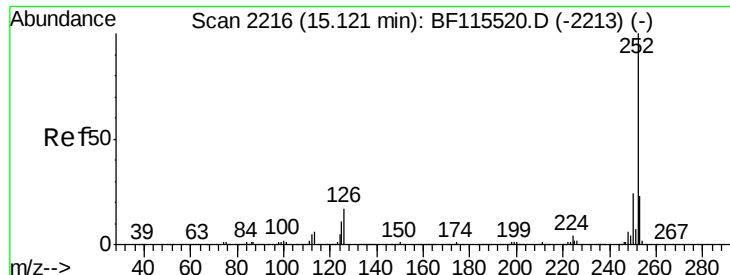


#88
Benzo(b)fluoranthene
Concen: 48.645 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:252 Resp: 951171

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.9	8.4	12.6

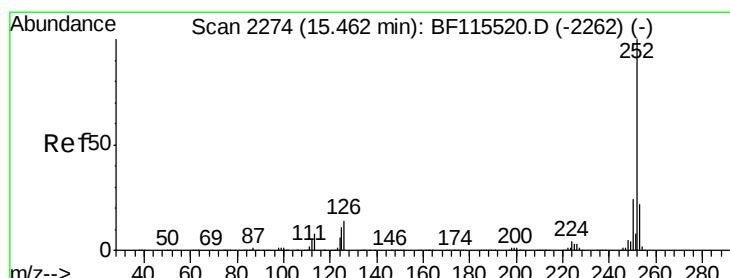
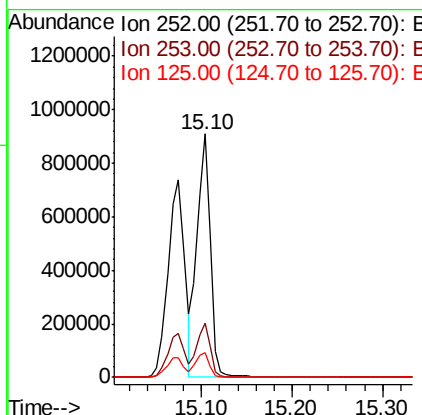
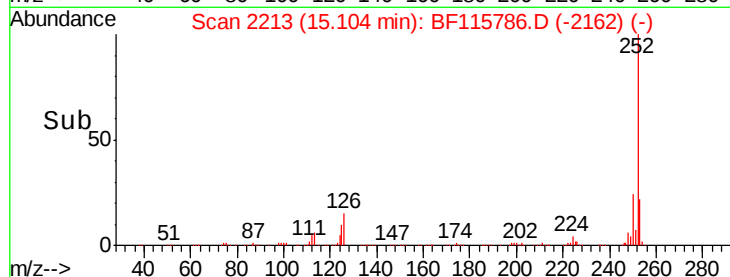
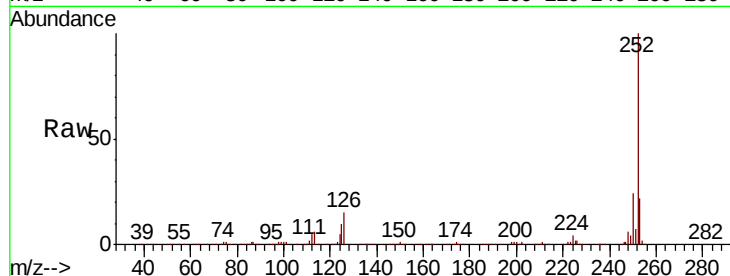




#89
Benzo(k)fluoranthene
Concen: 53.623 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

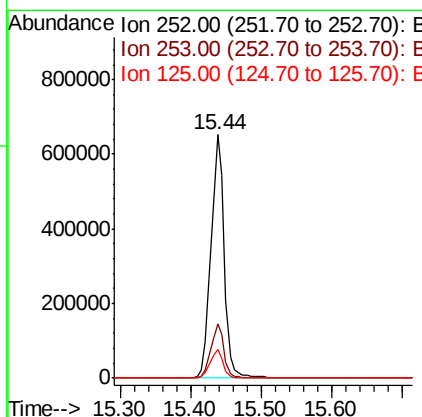
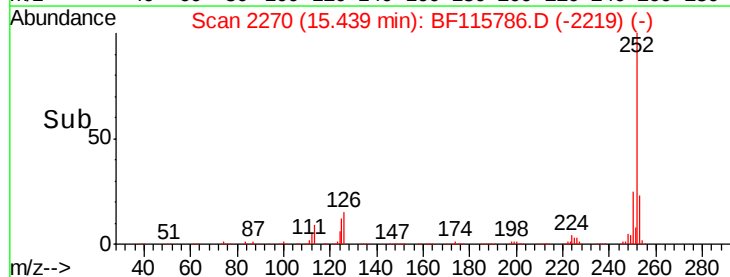
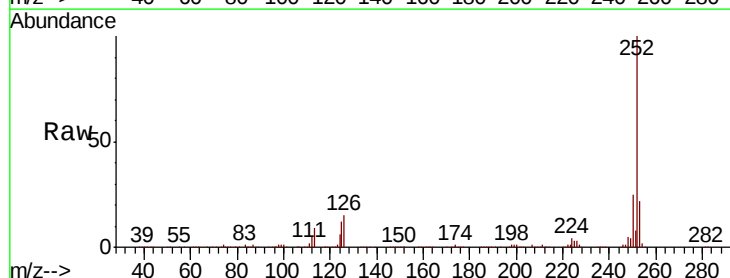
Instrument :
BNA_F
ClientSampleId :

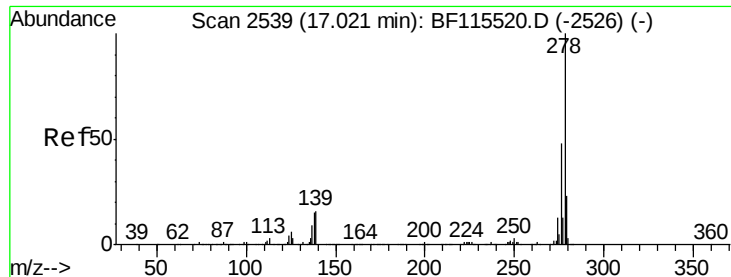
Tot Ion:252 Resp: 934790
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 50.988 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:252 Resp: 856887
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.8 9.4 14.2



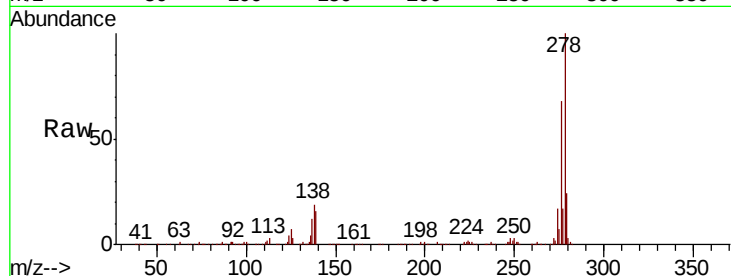


#91
Dibenzo(a,h)anthracene
Concen: 49.280 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

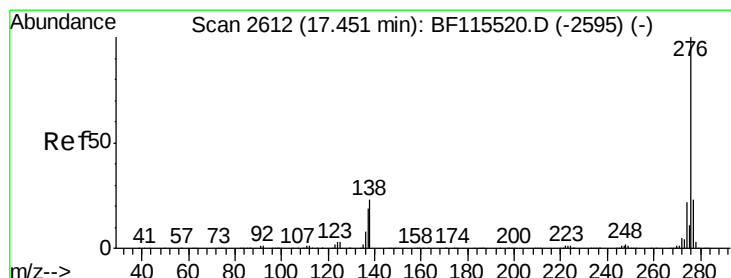
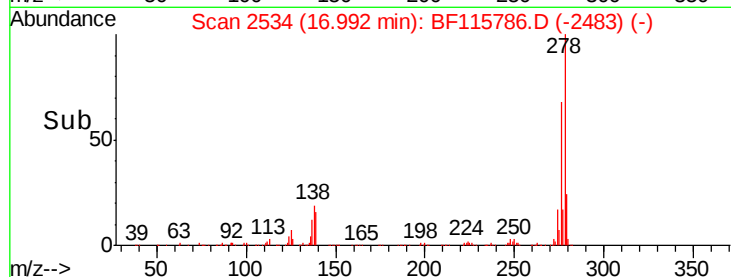
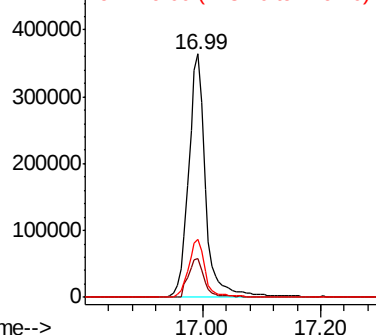
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 727064

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.6	20.4
279	23.8	19.6	29.4



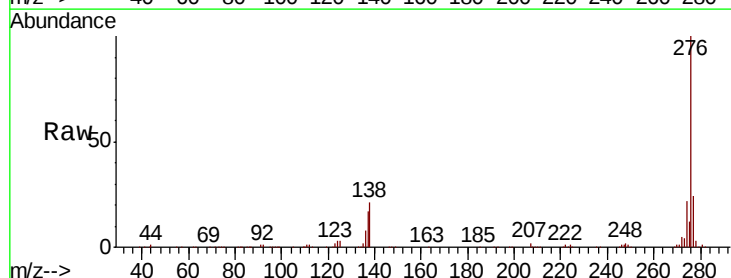
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.165 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF115786.D
Acq: 26 Jul 2019 14:10

Tgt Ion:276 Resp: 694001

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.1	27.1
138	20.9	16.6	24.8



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

