

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115402.D
 Acq On : 8 Jul 2019 13:15
 Operator : HP/JU
 Sample : PB121089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 14:45:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178433	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	713356	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	356663	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	683780	20.00	ng	0.00
76) Chrysene-d12	14.06	240	483332	20.00	ng	-0.01
87) Perylene-d12	15.55	264	461455	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1409860	122.08	ng	0.01
7) Phenol-d6	6.53	99	1776578	120.96	ng	0.00
23) Nitrobenzene-d5	7.46	82	1074567	89.00	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	512941	130.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1929171	94.91	ng	0.00
79) Terphenyl-d14	13.00	244	2037263	86.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	238505	42.104	ng	99
3) Pyridine	3.57	79	613617	39.174	ng	99
4) n-Nitrosodimethylamine	3.52	42	258761	40.738	ng	98
6) Aniline	6.56	93	641017	30.927	ng	100
8) 2-Chlorophenol	6.69	128	562935	43.168	ng	99
9) Benzaldehyde	6.45	77	316572	36.896	ng	96
10) Phenol	6.54	94	723166	41.151	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	547865	42.024	ng	98
12) 1,3-Dichlorobenzene	6.84	146	595382	41.673	ng	98
13) 1,4-Dichlorobenzene	6.92	146	608872	42.547	ng	98
14) 1,2-Dichlorobenzene	7.07	146	565830	42.706	ng	100
15) Benzyl Alcohol	7.03	79	508391	43.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	750243	41.157	ng	99
17) 2-Methylphenol	7.15	107	480837	43.040	ng	99
18) Hexachloroethane	7.42	117	227313	42.639	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	403475	40.604	ng	99
20) 3+4-Methylphenols	7.30	107	580737	44.007	ng	96
22) Acetophenone	7.30	105	781194	45.701	ng	# 97
24) Nitrobenzene	7.47	77	620459	45.503	ng	100
25) Isophorone	7.72	82	1141044	43.601	ng	100
26) 2-Nitrophenol	7.79	139	298502	53.248	ng	95
27) 2,4-Dimethylphenol	7.83	122	547191	51.190	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	702886	43.556	ng	99
29) 2,4-Dichlorophenol	8.03	162	488894	45.919	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	526459	44.417	ng	99
31) Naphthalene	8.20	128	1624111	45.837	ng	98
32) Benzoic acid	7.96	122	373861	48.008	ng	98
33) 4-Chloroaniline	8.24	127	387961	24.540	ng	99
34) Hexachlorobutadiene	8.32	225	297008	44.186	ng	98
35) Caprolactam	8.62	113	87766	25.310	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	506630	44.987	ng	98
37) 2-Methylnaphthalene	8.89	142	1099788	46.437	ng	99
38) 1-Methylnaphthalene	8.99	142	1034271	45.771	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	477812	46.567	ng	100

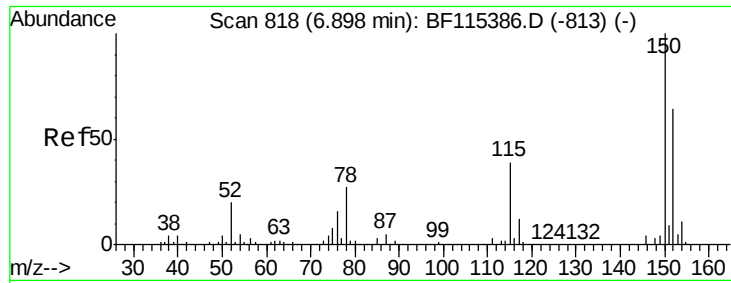
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	558527	93.917	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	355730	47.621	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	349136	45.074	ng	99
46) 1,1'-Biphenyl	9.36	154	1321691	47.137	ng	99
47) 2-Chloronaphthalene	9.38	162	1041372	44.937	ng	99
48) 2-Nitroaniline	9.47	65	320854	47.126	ng	94
49) Acenaphthylene	9.80	152	1589909	45.315	ng	99
50) Dimethylphthalate	9.66	163	1181234	44.125	ng	100
51) 2,6-Dinitrotoluene	9.72	165	270918	46.663	ng	86
52) Acenaphthene	9.97	154	1102388	49.924	ng	99
53) 3-Nitroaniline	9.88	138	201121	29.826	ng	94
54) 2,4-Dinitrophenol	9.99	184	259175	100.639	ng	93
55) Dibenzofuran	10.15	168	1428183	45.914	ng	97
56) 4-Nitrophenol	10.04	139	492069	94.319	ng	97
57) 2,4-Dinitrotoluene	10.12	165	362528	49.134	ng	90
58) Fluorene	10.49	166	1043850	42.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	312508	46.703	ng	100
60) Diethylphthalate	10.36	149	1153947	43.794	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	535065	44.709	ng	98
62) 4-Nitroaniline	10.50	138	287035	43.366	ng	97
63) Azobenzene	10.63	77	1184183	43.598	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	172082	51.818	ng	88
66) n-Nitrosodiphenylamine	10.59	169	979970	45.485	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	338128	44.070	ng	94
68) Hexachlorobenzene	11.03	284	379911	44.127	ng	94
69) Atrazine	11.12	200	321068	48.153	ng	99
70) Pentachlorophenol	11.23	266	458777	87.438	ng	98
71) Phenanthrene	11.45	178	1583418	44.031	ng	99
72) Anthracene	11.50	178	1645052	45.618	ng	99
73) Carbazole	11.65	167	1447220	43.868	ng	100
74) Di-n-butylphthalate	11.98	149	1736274	43.547	ng	100
75) Fluoranthene	12.63	202	1657780	43.782	ng	99
77) Benzidine	12.74	184	816994	43.346	ng	99
78) Pyrene	12.86	202	1687739	44.903	ng	99
80) Butylbenzylphthalate	13.47	149	749247	45.624	ng	99
81) Benzo(a)anthracene	14.05	228	1388179	44.825	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	407900	36.299	ng	99
83) Chrysene	14.09	228	1408993	44.281	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	936831	46.064	ng	99
85) Di-n-octyl phthalate	14.67	149	1687265	46.603	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1207037	46.514	ng	100
88) Benzo(b)fluoranthene	15.12	252	1333017	44.368	ng	99
89) Benzo(k)fluoranthene	15.15	252	1240423	46.423	ng	99
90) Benzo(a)pyrene	15.49	252	1198543	46.251	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1009094	45.569	ng	98
92) Benzo(g,h,i)perylene	17.49	276	982804	46.890	ng	98

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

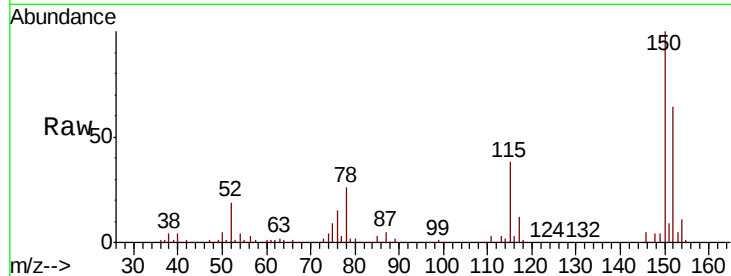


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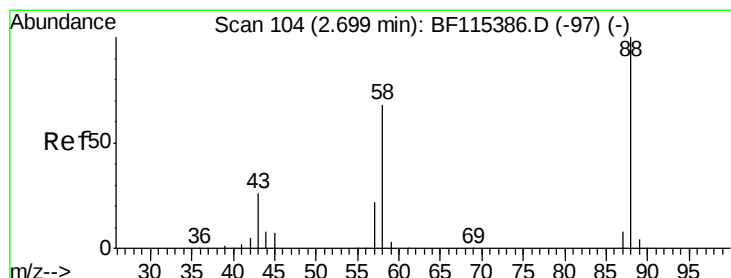
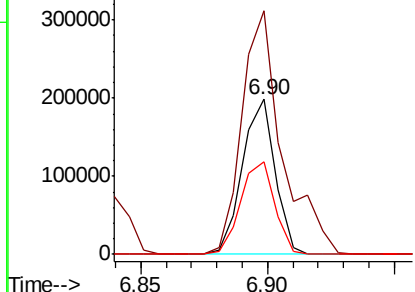
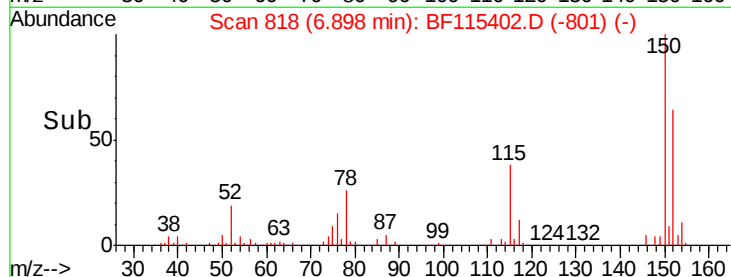
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178433
Ion Ratio Lower Upper
152 100
150 157.2 125.1 187.7
115 59.5 50.2 75.2



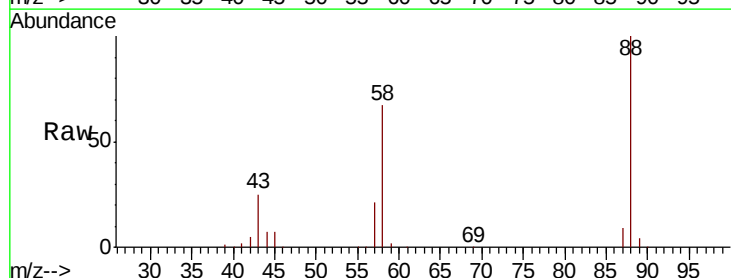
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



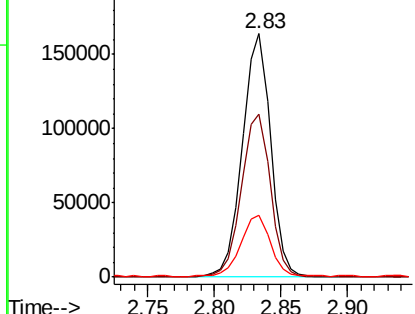
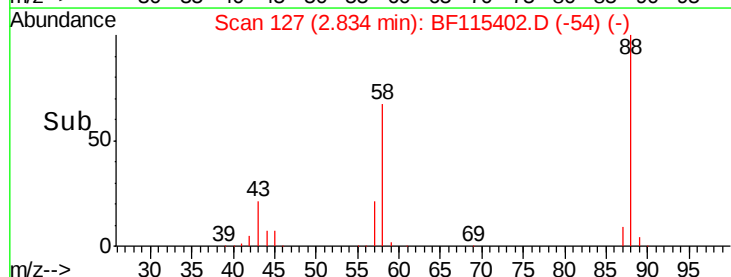
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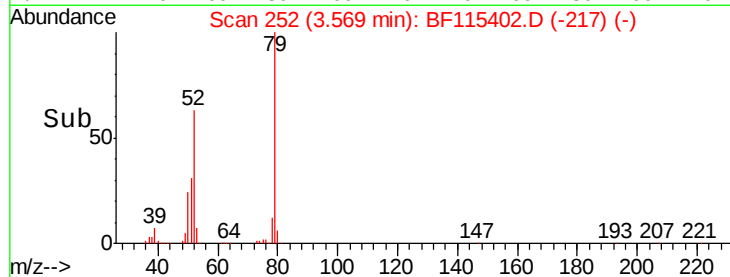
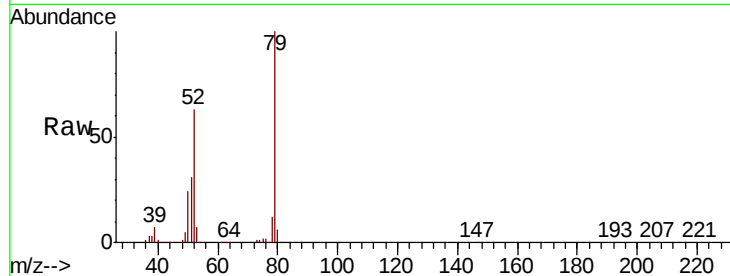
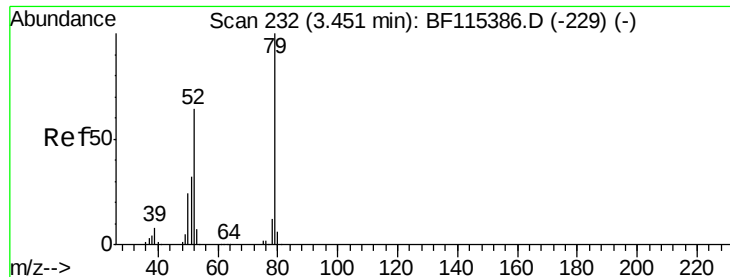
1,4-Dioxane
Concen: 42.104 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.13 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion: 88 Resp: 238505
Ion Ratio Lower Upper
88 100
58 69.2 54.4 81.6
43 26.1 20.7 31.1



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

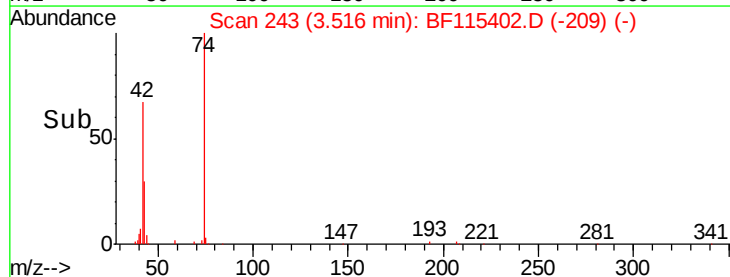
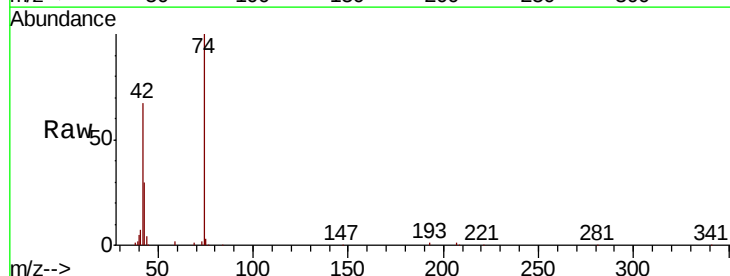
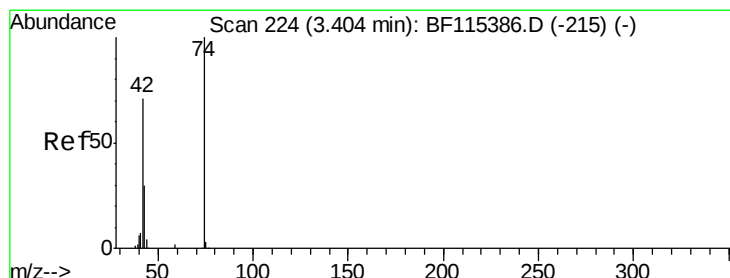
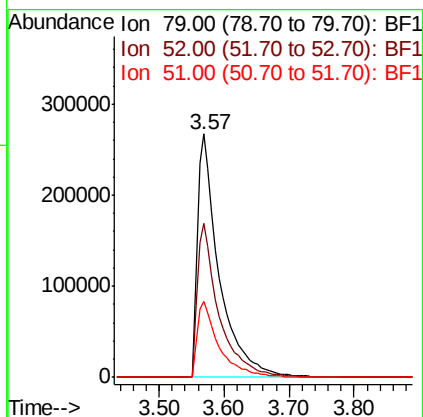




#3
 Pvridine
 Concen: 39.174 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.11 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

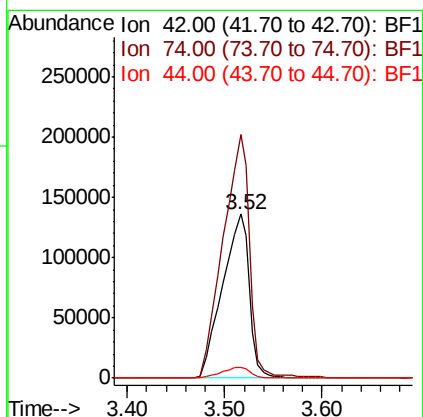
Instrument :
 BNA_F
 ClientSampleId :

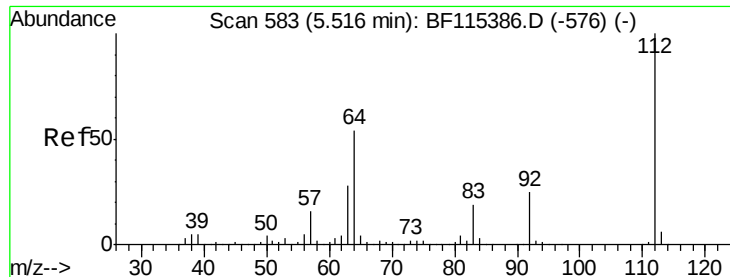
Tot Ion: 79 Resp: 613617
 Ion Ratio Lower Upper
 79 100
 52 63.3 49.9 74.9
 51 31.2 25.0 37.6



#4
 n-Nitrosodimethylamine
 Concen: 40.738 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.10 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion: 42 Resp: 258761
 Ion Ratio Lower Upper
 42 100
 74 148.4 116.6 174.8
 44 6.7 5.2 7.8





#5

2-Fluorophenol

Concen: 122.078 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

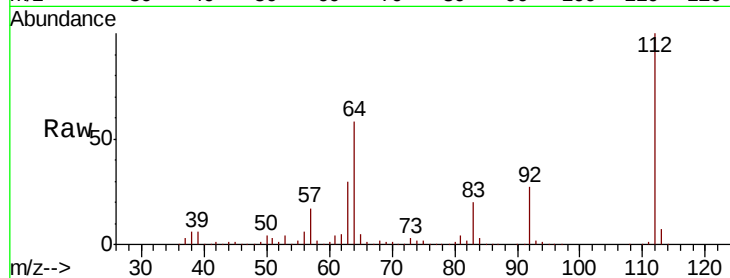
Tot Ion:112 Resp: 1409860

Ion Ratio Lower Upper

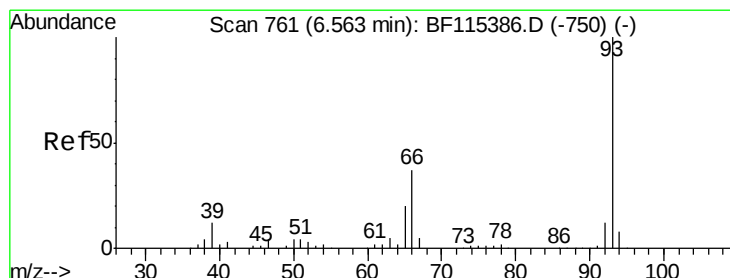
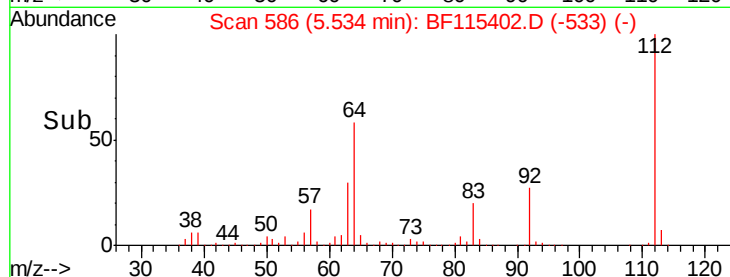
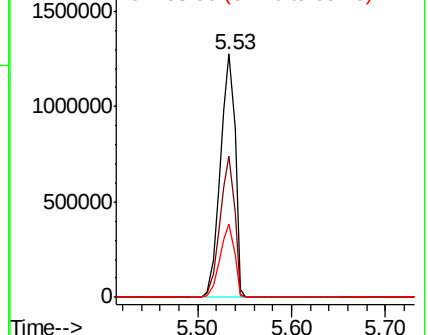
112 100

64 58.2 43.4 65.2

63 30.0 22.4 33.6



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: 30.927 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

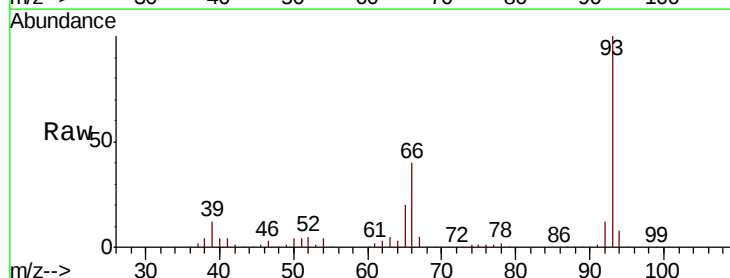
Tgt Ion: 93 Resp: 641017

Ion Ratio Lower Upper

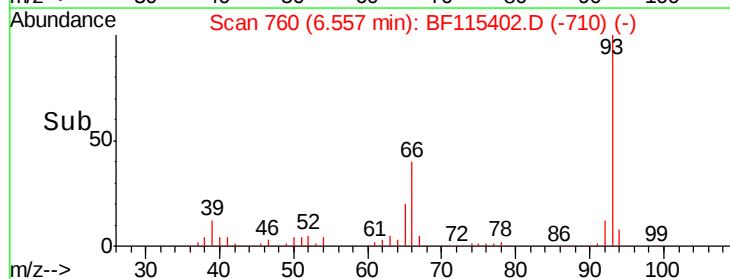
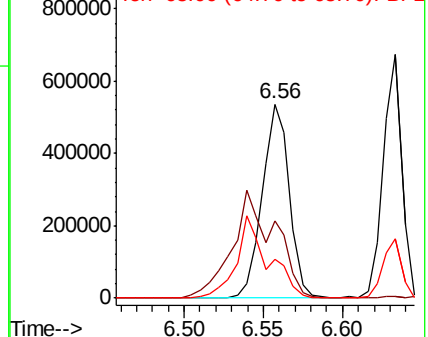
93 100

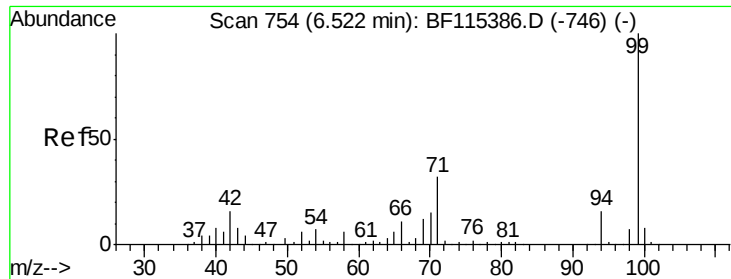
66 39.6 31.4 47.2

65 20.1 16.2 24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.957 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

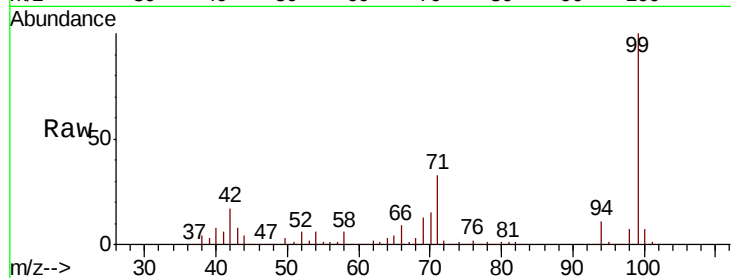
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1776578

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	33.3	26.5	39.7

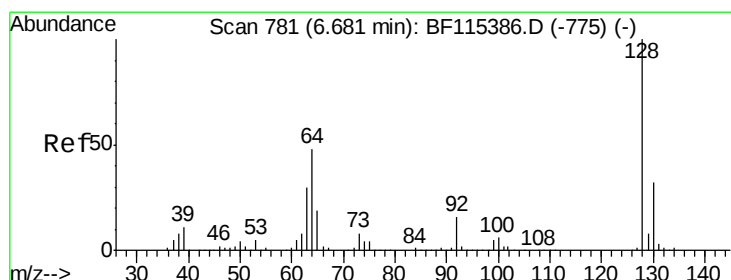
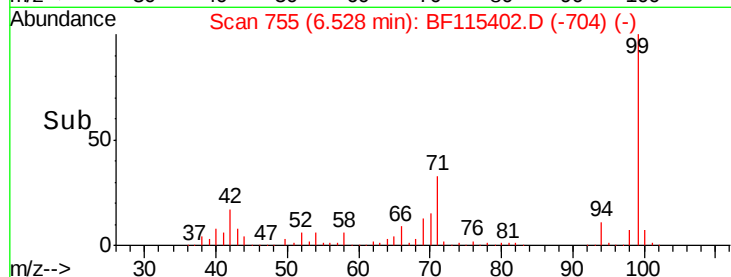
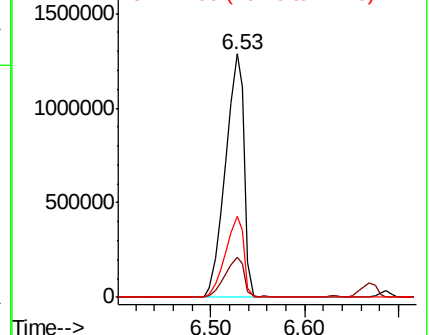


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.168 ng

RT: 6.69 min Scan# 782

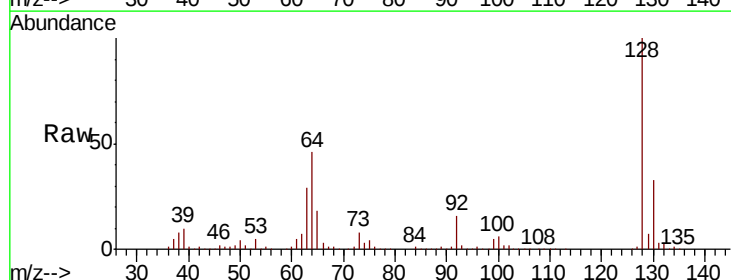
Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Tgt Ion: 128 Resp: 562935

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	46.0	26.6	66.6

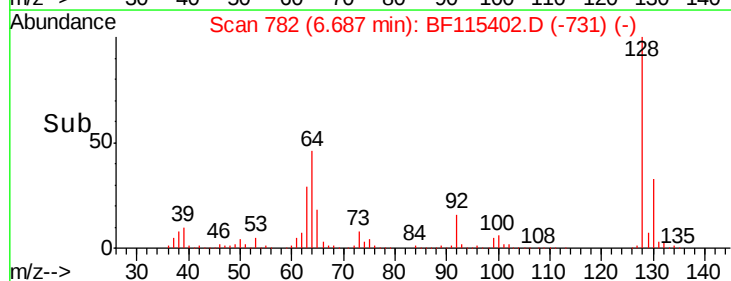
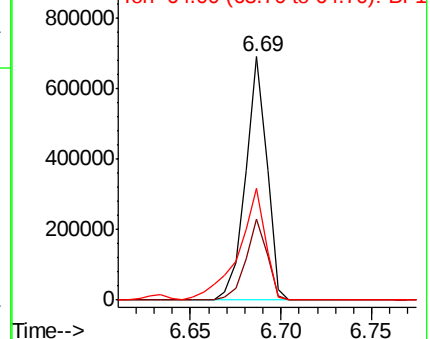


Abundance

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: 36.896 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampled :

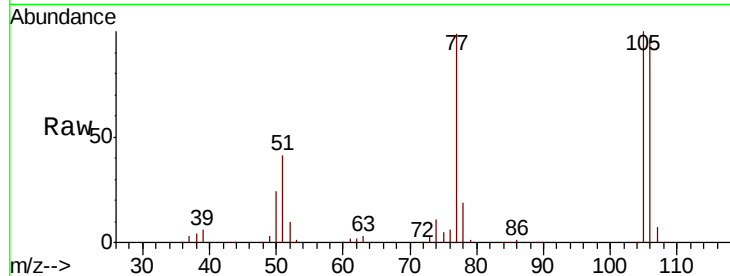
Tot Ion: 77 Resp: 316572

Ion Ratio Lower Upper

77 100

105 100.9 77.6 117.6

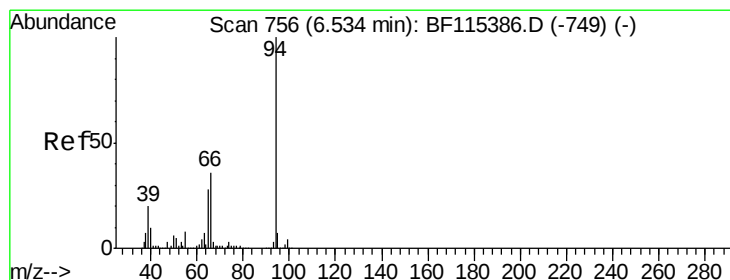
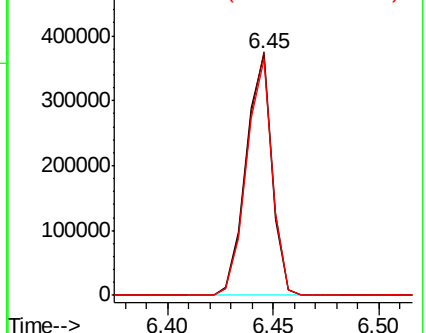
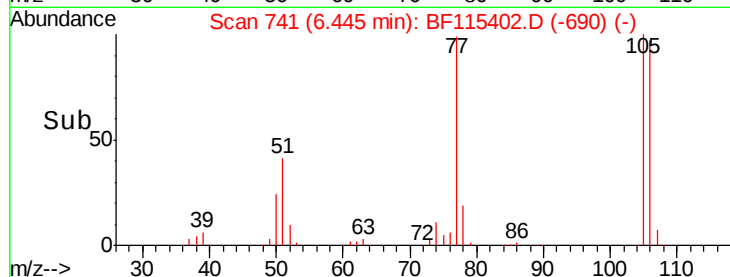
106 97.9 73.3 113.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.151 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

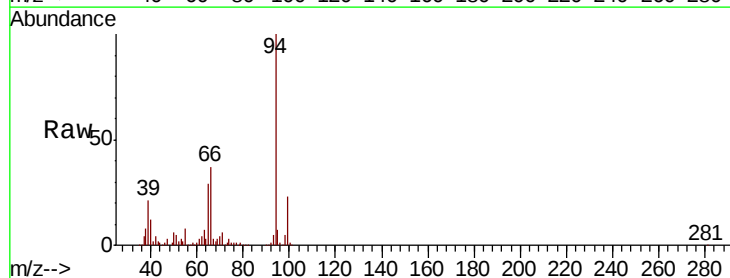
Tgt Ion: 94 Resp: 723166

Ion Ratio Lower Upper

94 100

65 28.6 9.4 49.4

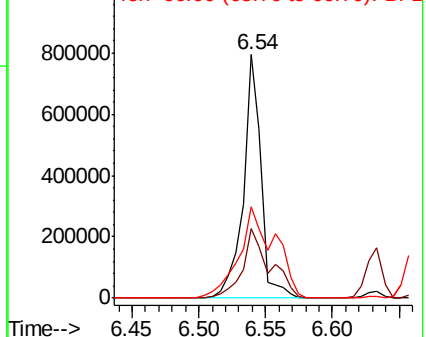
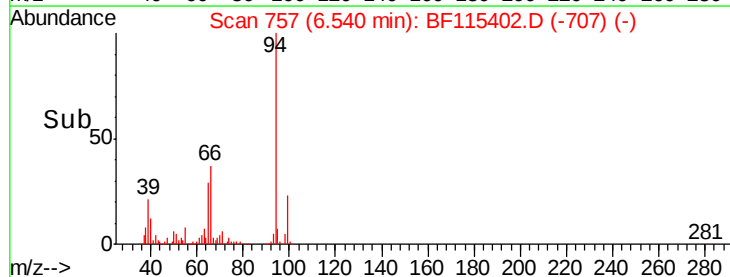
66 37.4 20.4 60.4

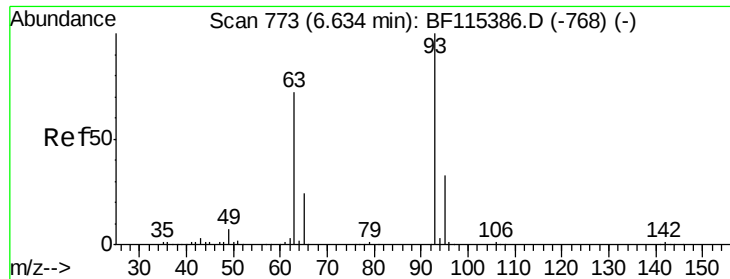


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

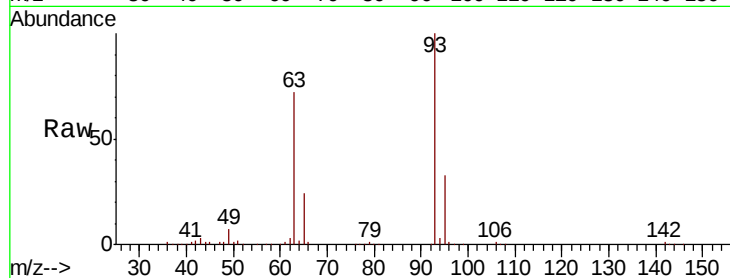




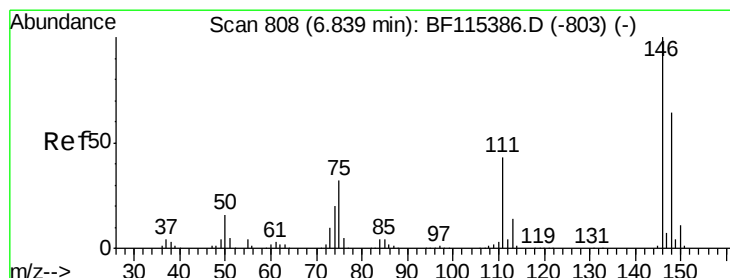
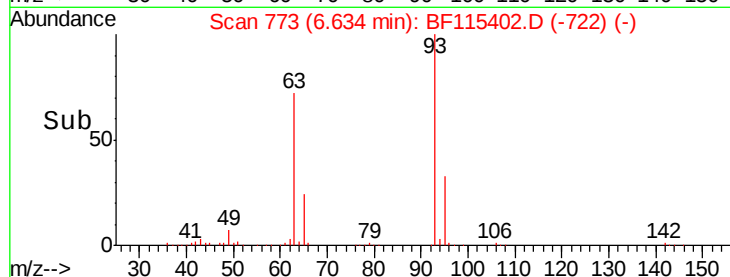
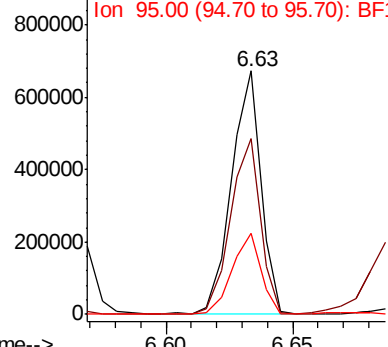
#11
bis(2-Chloroethyl)ether
Concen: 42.024 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 547865
Ion Ratio Lower Upper
93 100
63 72.0 54.8 94.8
95 33.4 13.0 53.0

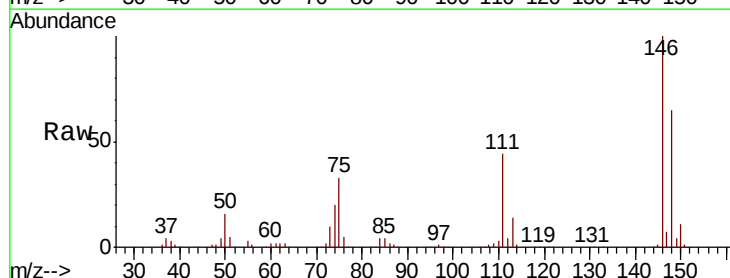


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

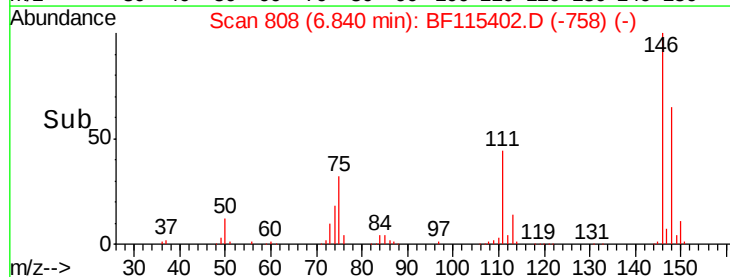
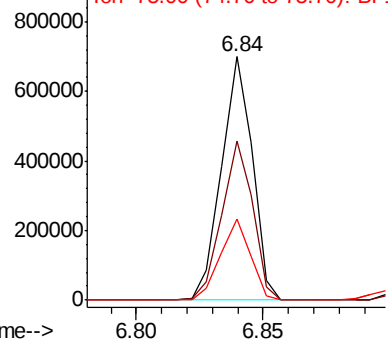


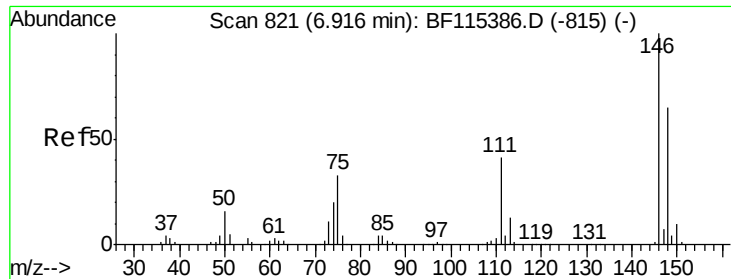
#12
1,3-Dichlorobenzene
Concen: 41.673 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion: 146 Resp: 595382
Ion Ratio Lower Upper
146 100
148 65.3 52.0 78.0
75 33.0 24.6 36.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

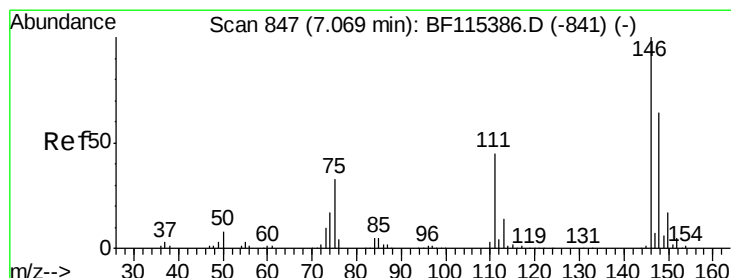
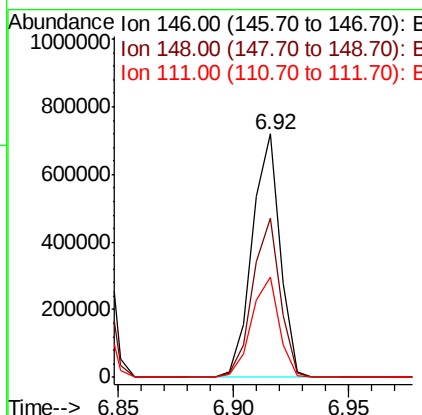
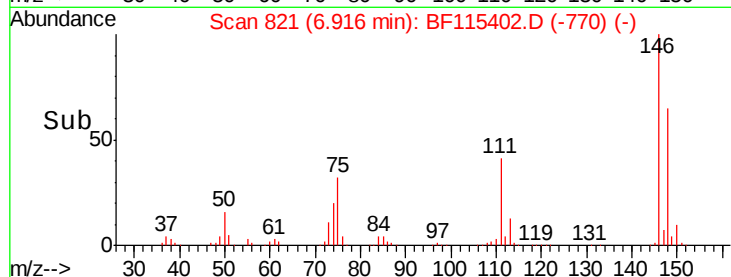
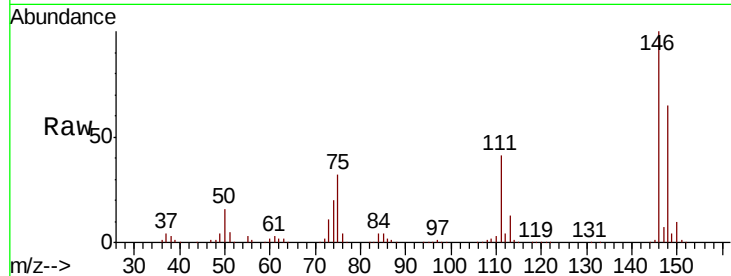




#13
 1,4-Dichlorobenzene
 Concen: 42.547 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

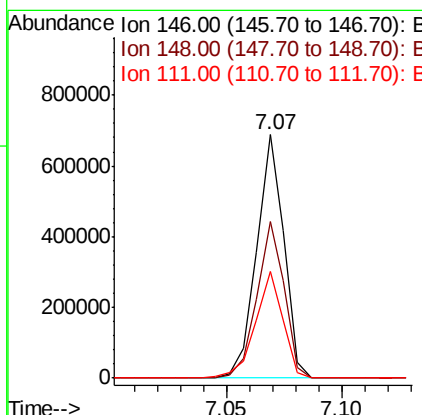
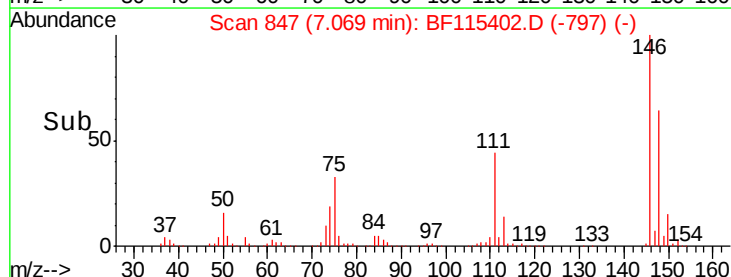
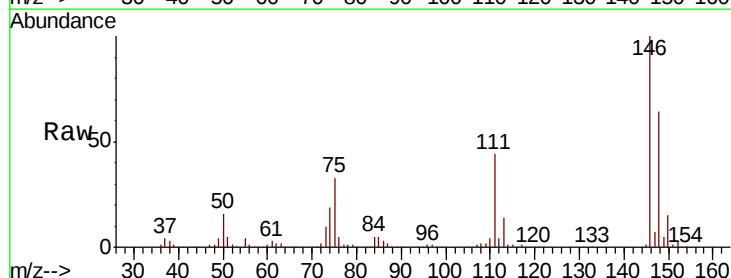
Instrument :
 BNA_F
 ClientSampled :

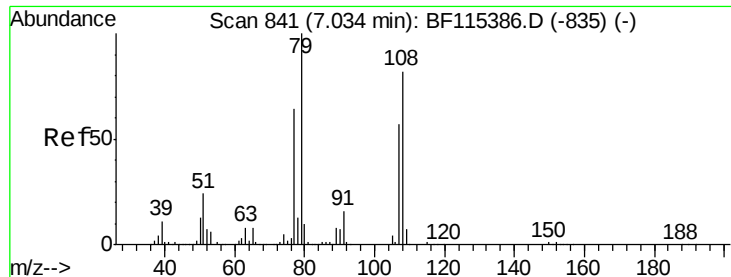
Tot Ion:146 Resp: 608872
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.0
 111 41.0 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.706 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:146 Resp: 565830
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.7 77.5
 111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 43.135 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

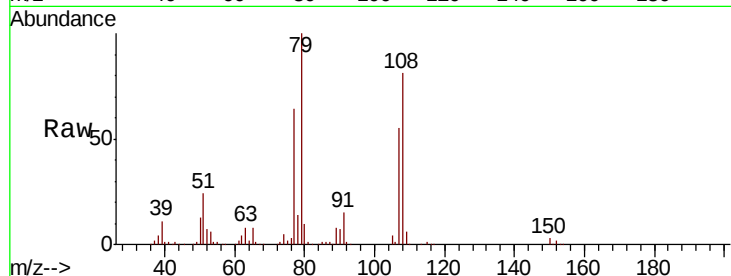
Tot Ion: 79 Resp: 508391

Ion Ratio Lower Upper

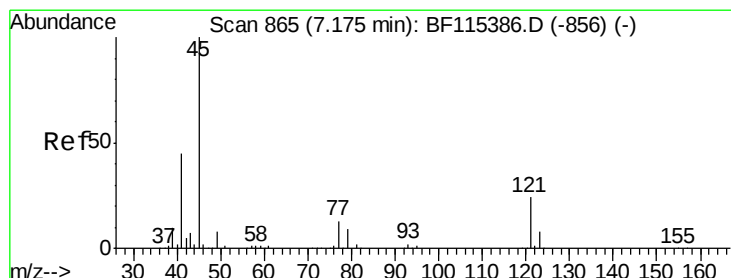
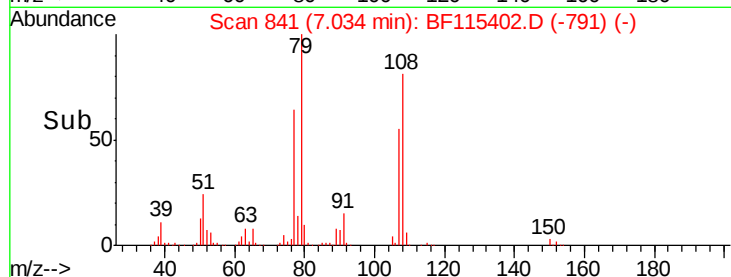
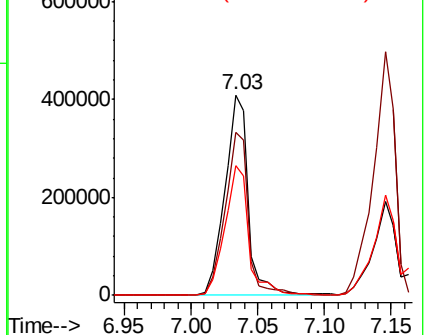
79 100

108 81.0 65.9 98.9

77 64.5 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.157 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

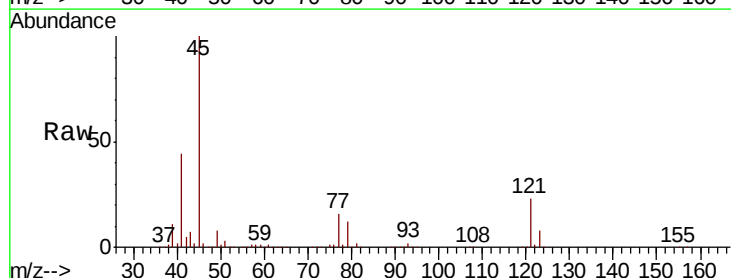
Tgt Ion: 45 Resp: 750243

Ion Ratio Lower Upper

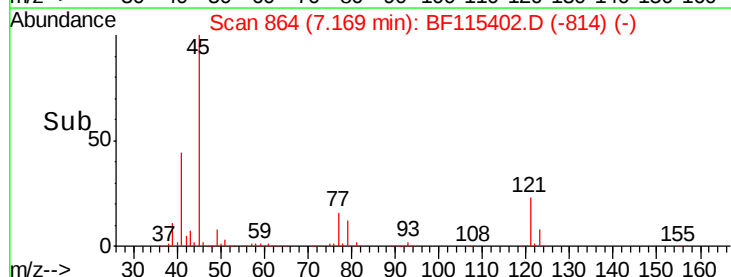
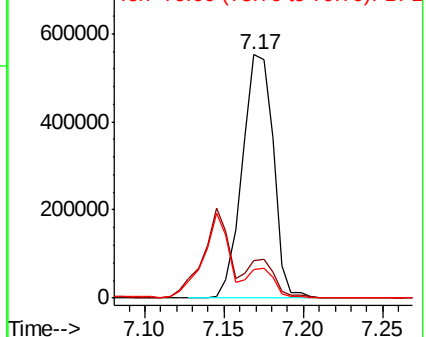
45 100

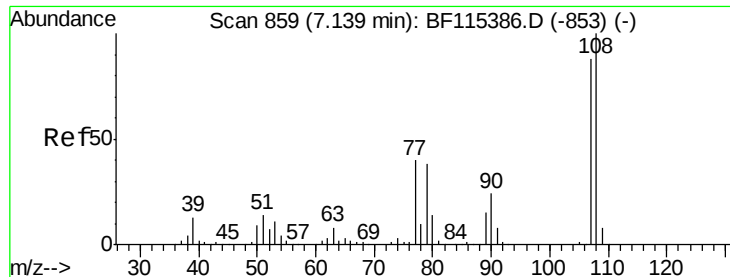
77 15.5 0.0 35.8

79 11.7 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

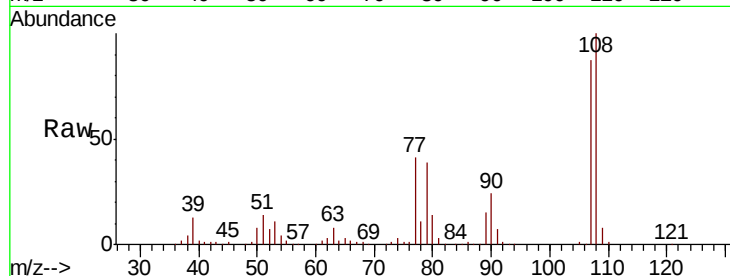




#17
2-Methylphenol
Concen: 43.040 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.2	136.8
77	46.9	36.6	54.8
79	44.2	35.1	52.7



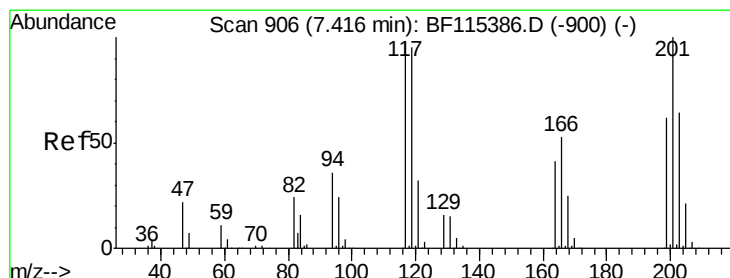
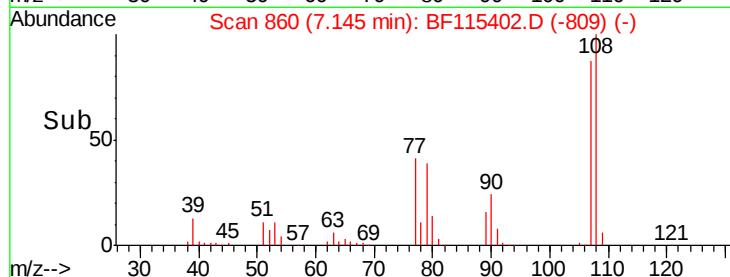
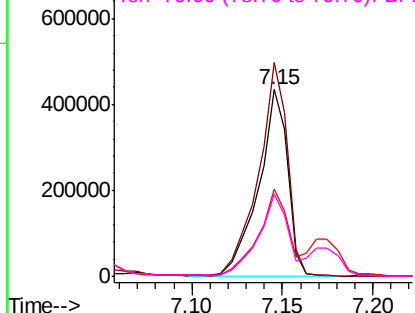
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

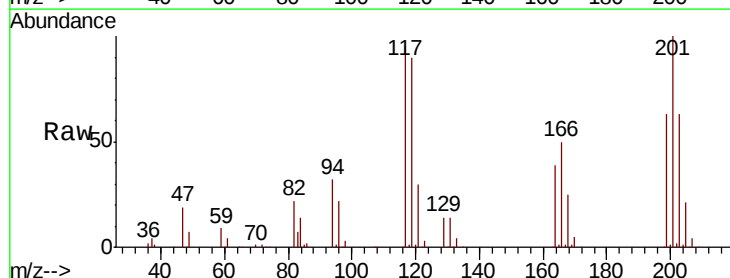
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.639 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
201	105.8	78.5	117.7

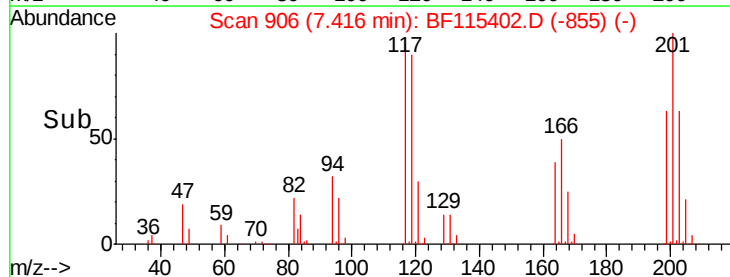
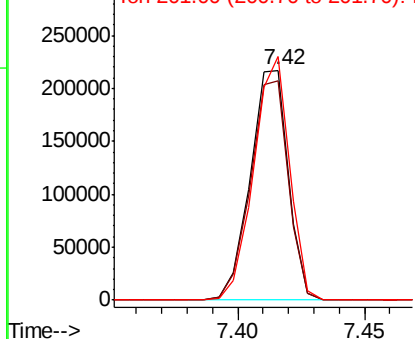


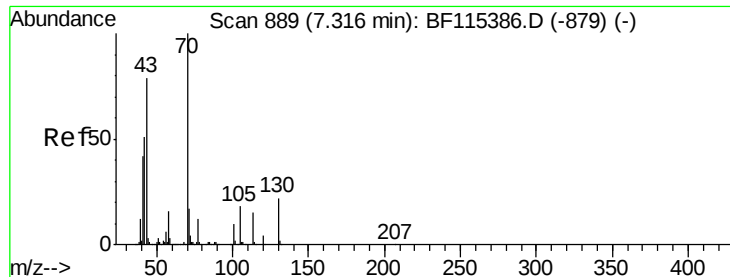
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

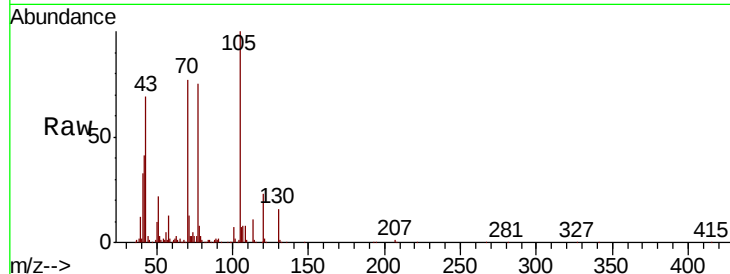




#19
n-Nitroso-di-n-propylamine
Concen: 40.604 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	403475
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.3	63.5
101	9.7	7.6	11.4
130	21.1	17.0	25.4



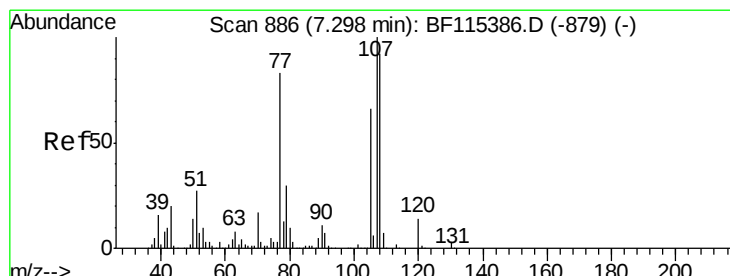
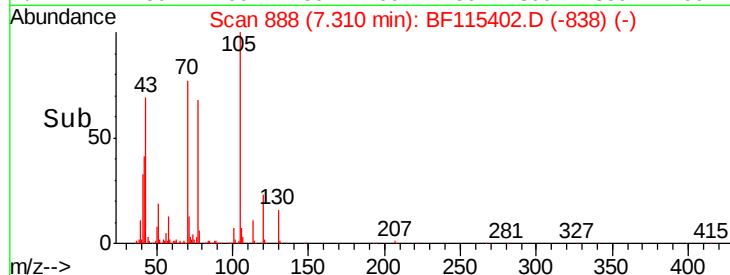
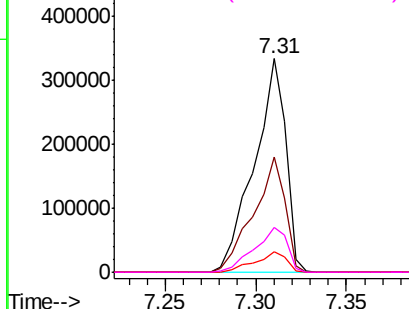
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 44.007 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:	107	Resp:	580737
Ion	Ratio	Lower	Upper
107	100		
108	91.0	72.3	112.3
77	99.7	73.4	113.4
79	28.1	10.2	50.2

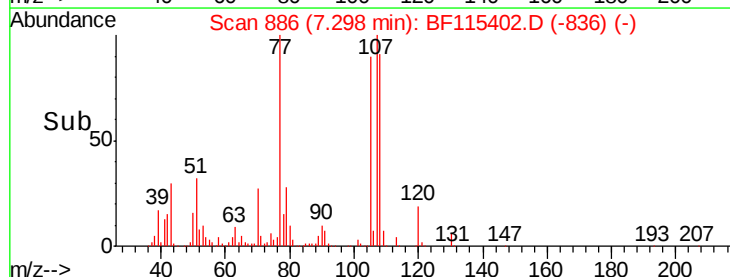
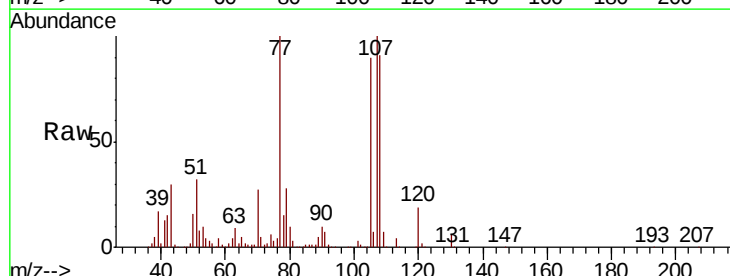
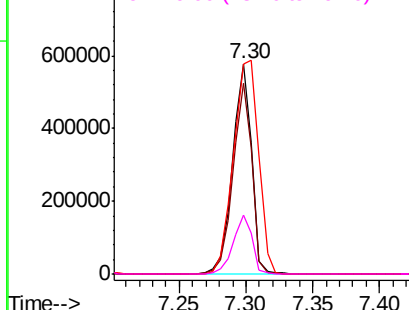
Abundance

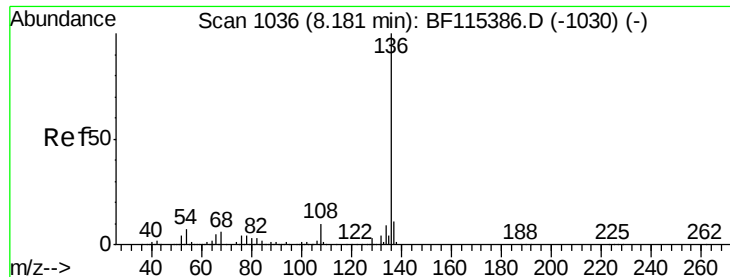
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

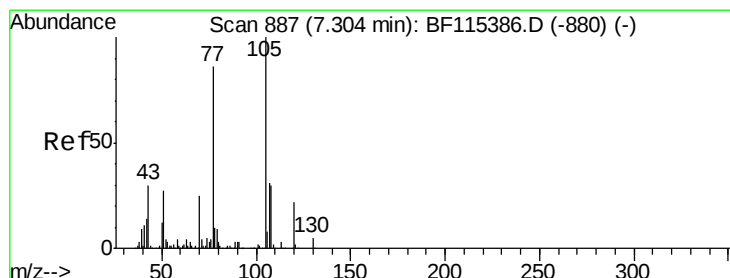
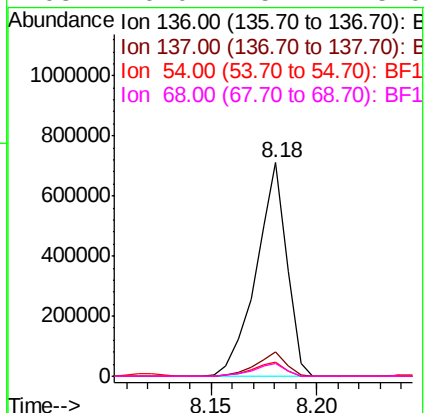
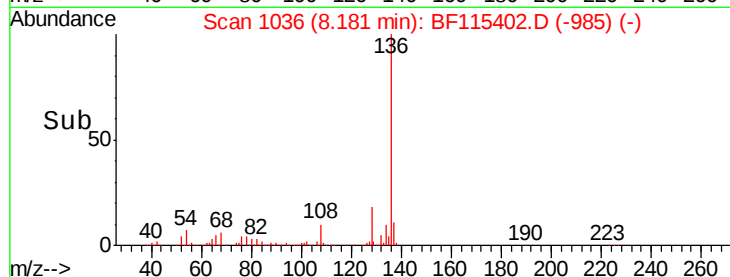
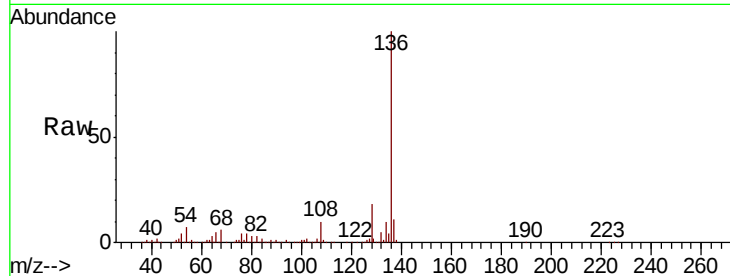




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

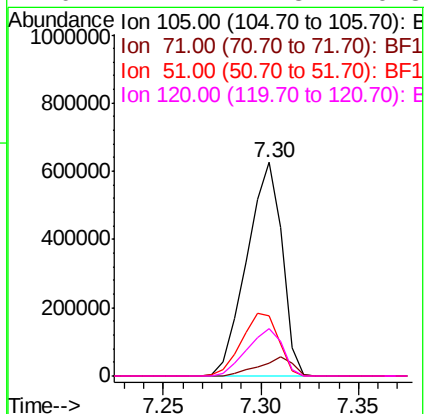
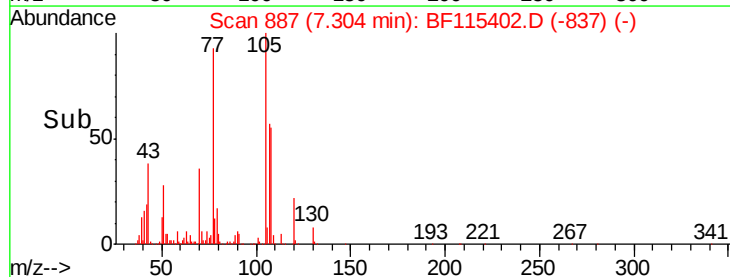
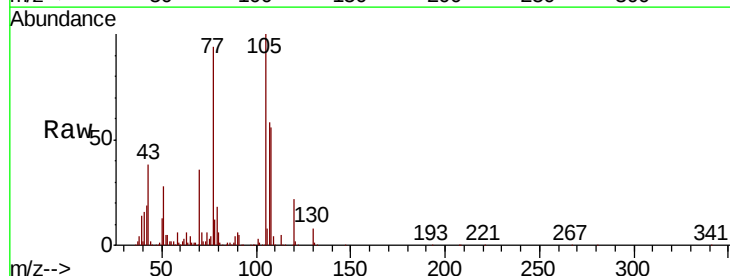
Instrument :
BNA_F
ClientSampleId :

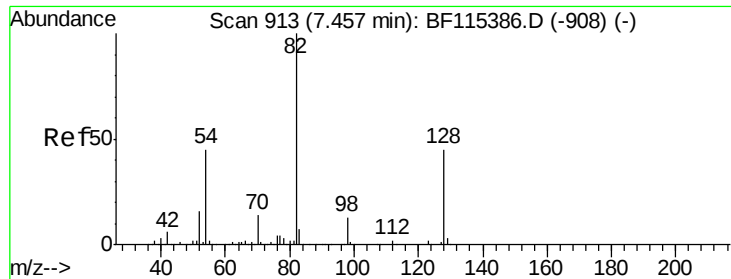
Tot Ion:136	Resp:	713356
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.1	13.7
54 6.8	6.1	9.1
68 6.0	5.4	8.0



#22
Acetophenone
Concen: 45.701 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt	Ion:105	Resp:	781194
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.8	5.8#
51	28.4	20.9	31.3
120	22.2	17.8	26.8

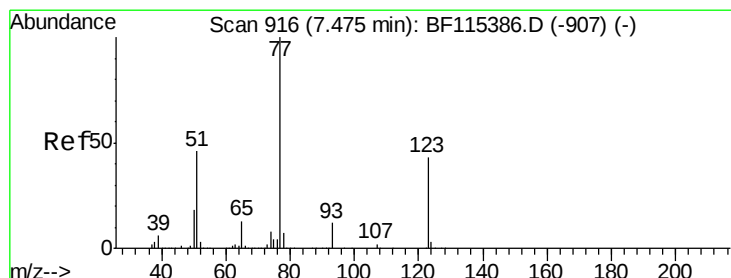
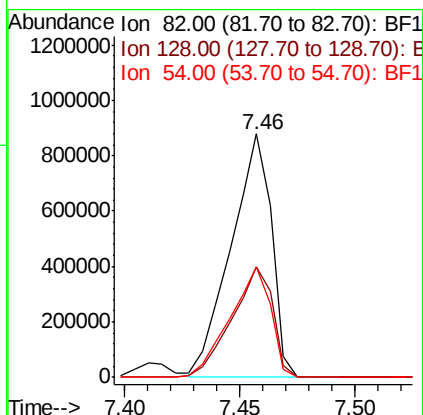
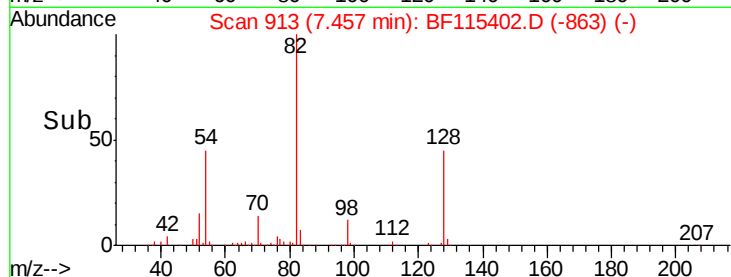
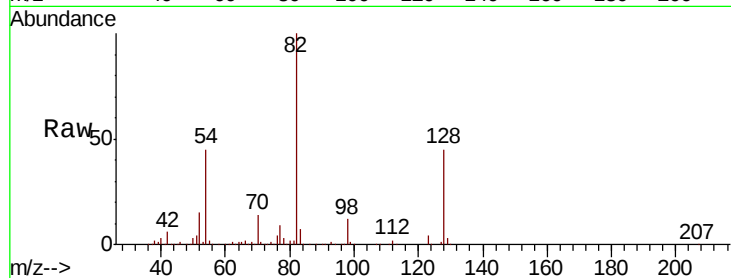




#23
 Nitrobenzene-d5
 Concen: 89.000 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

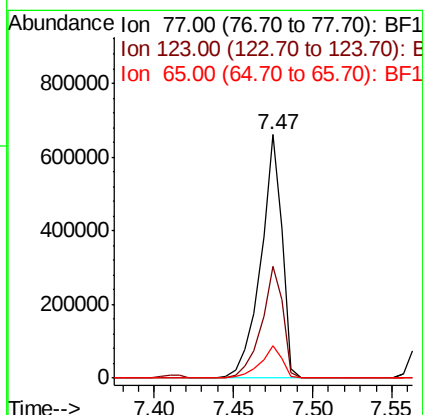
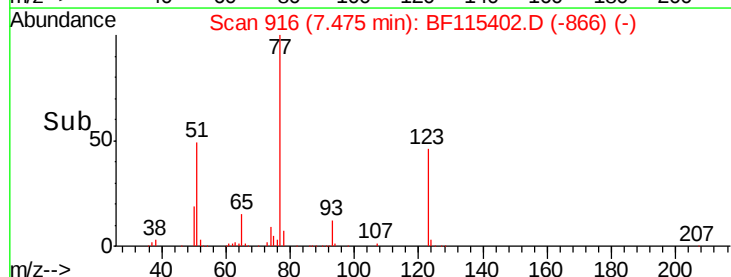
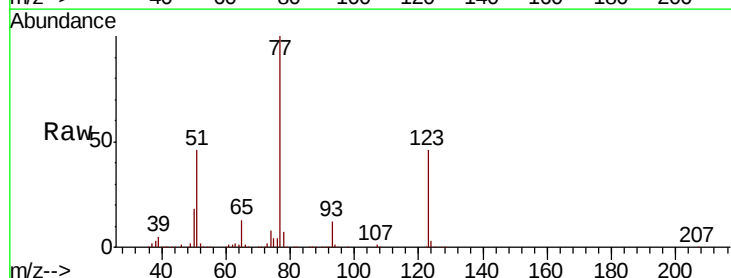
Instrument :
 BNA_F
 ClientSampleId :

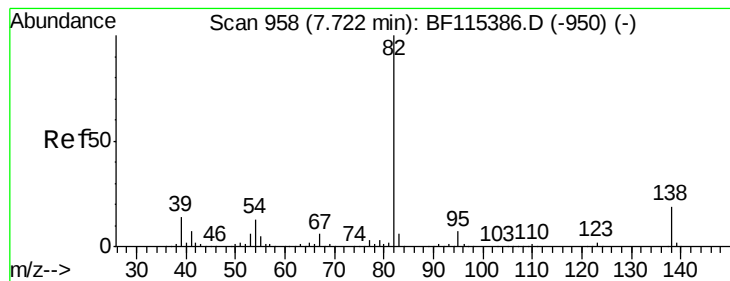
Tot Ion: 82 Resp: 1074567
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.2 54.4
 54 45.4 35.8 53.6



#24
 Nitrobenzene
 Concen: 45.503 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion: 77 Resp: 620459
 Ion Ratio Lower Upper
 77 100
 123 46.0 36.7 55.1
 65 13.3 10.8 16.2





#25

Isophorone

Concen: 43.601 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

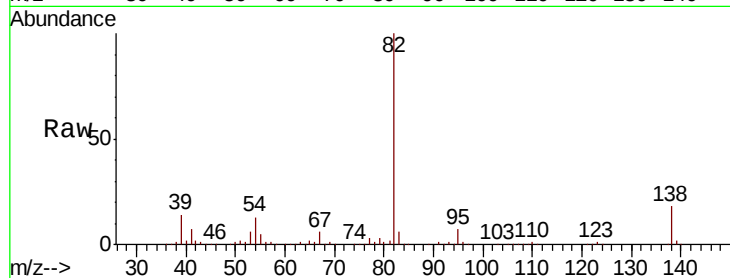
Tot Ion: 82 Resp: 1141044

Ion Ratio Lower Upper

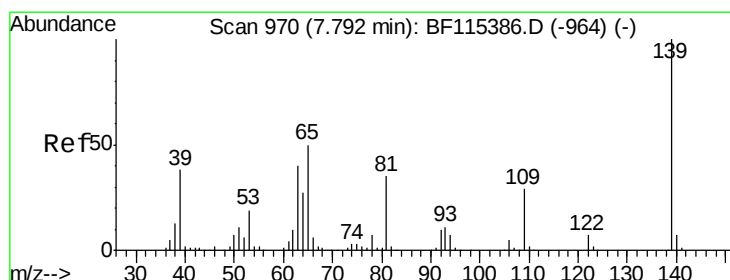
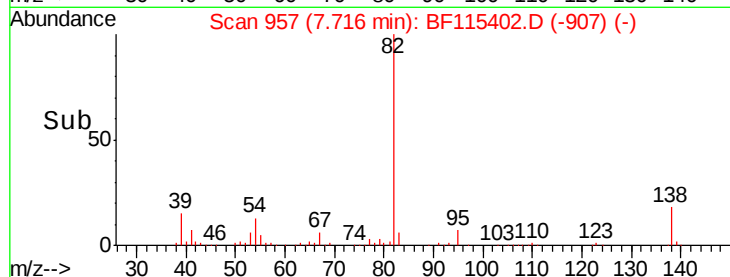
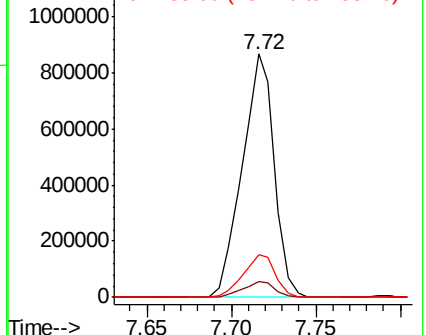
82 100

95 6.6 5.4 8.0

138 17.7 14.3 21.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.248 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

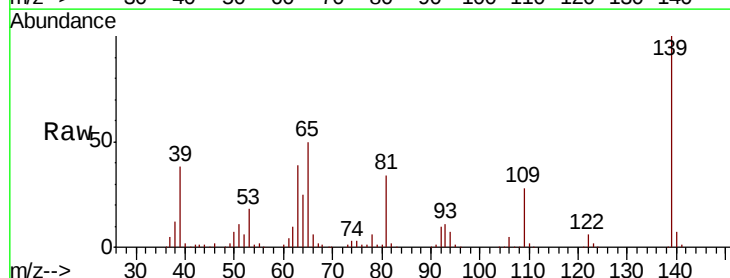
Tgt Ion: 139 Resp: 298502

Ion Ratio Lower Upper

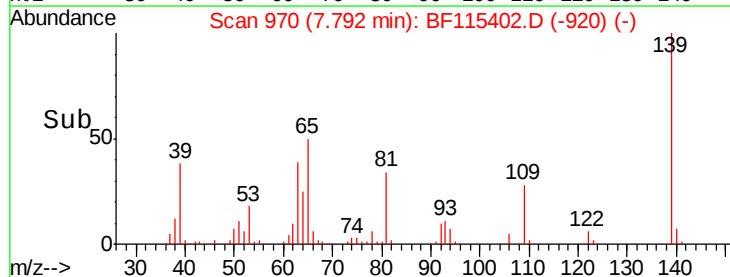
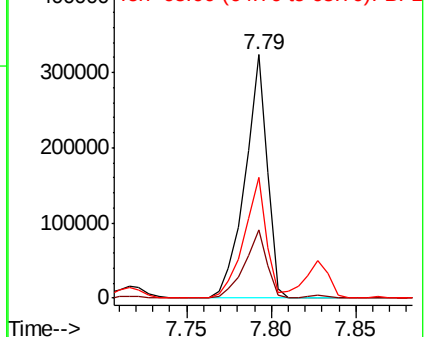
139 100

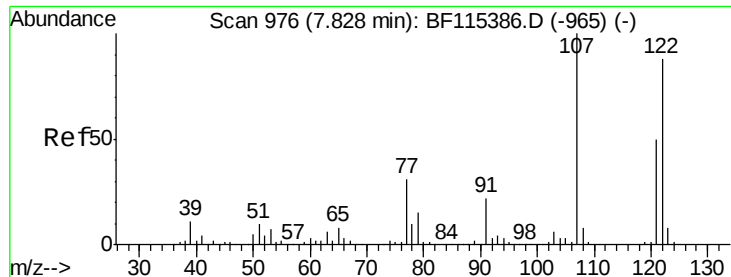
109 27.9 22.2 33.4

65 49.6 35.6 53.4



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

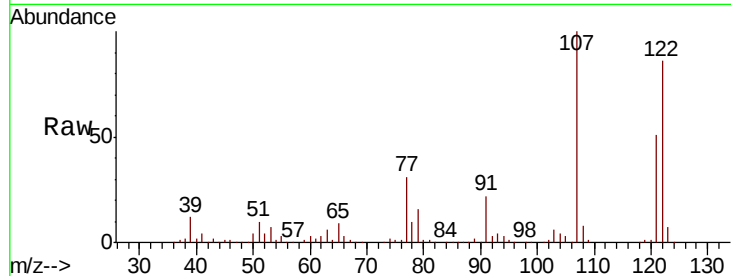




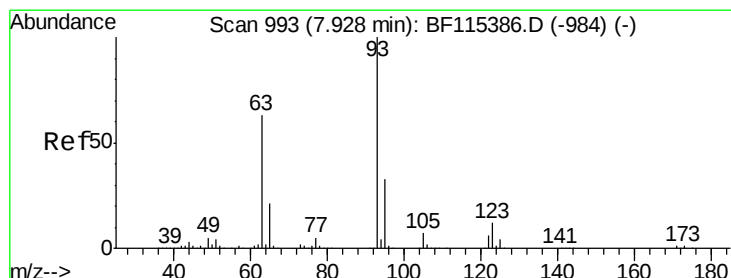
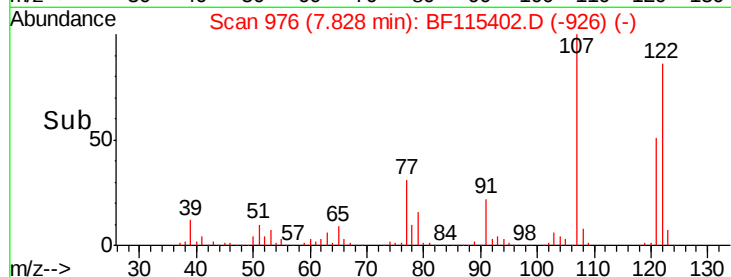
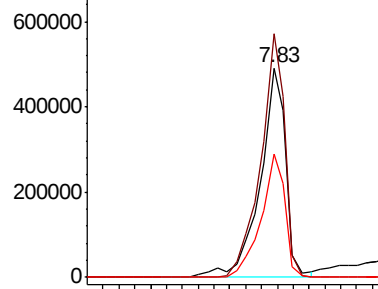
#27
 2,4-Dimethylphenol
 Concen: 51.190 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 547191
 Ion Ratio Lower Upper
 122 100
 107 116.3 89.4 134.2
 121 59.1 46.6 69.8

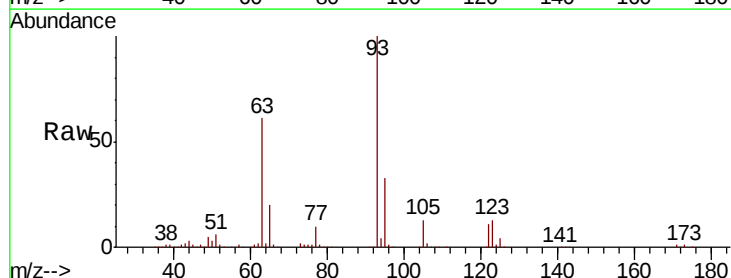


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

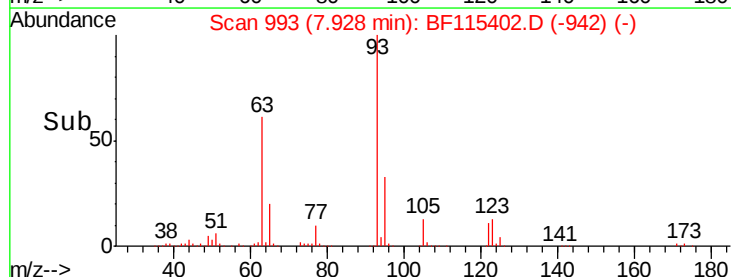
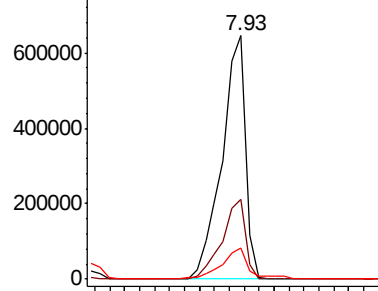


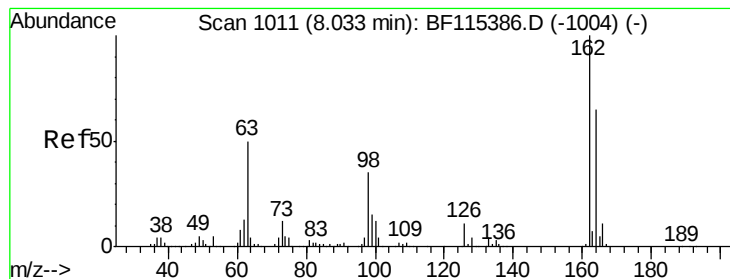
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.556 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion: 93 Resp: 702886
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.9 40.3
 123 12.7 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.919 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampled :

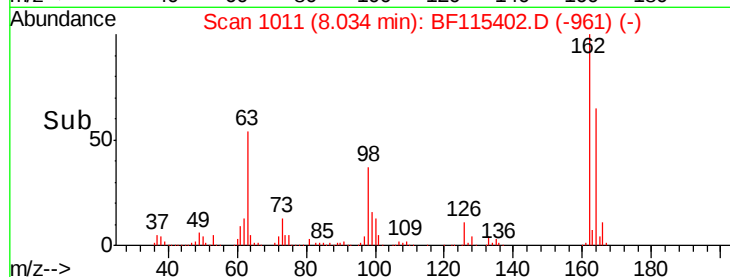
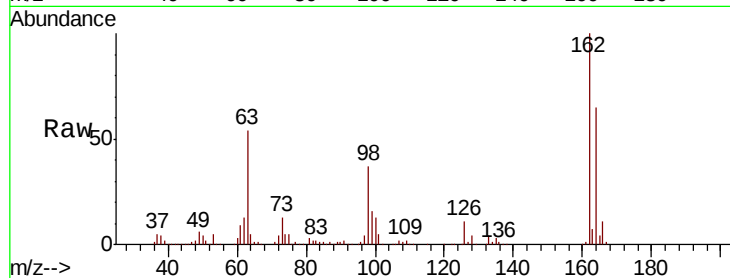
Tot Ion:162 Resp: 488894

Ion Ratio Lower Upper

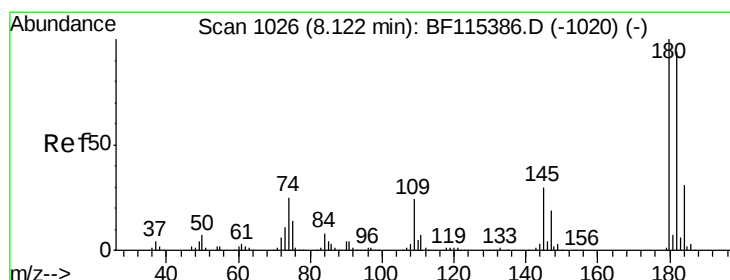
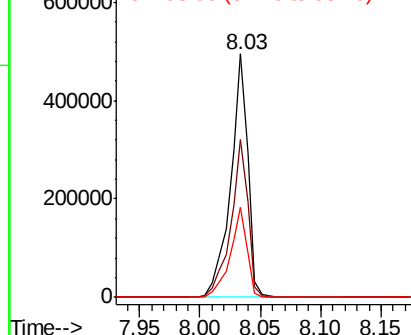
162 100

164 65.0 44.5 84.5

98 37.0 15.2 55.2



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: 44.417 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

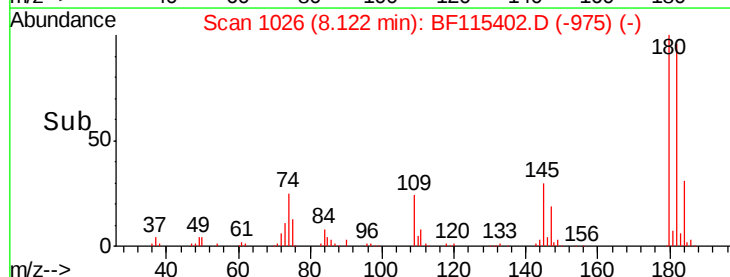
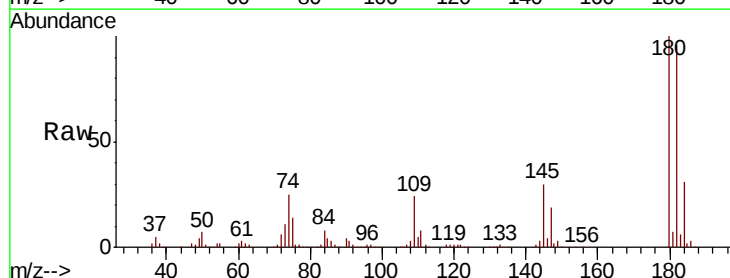
Tgt Ion:180 Resp: 526459

Ion Ratio Lower Upper

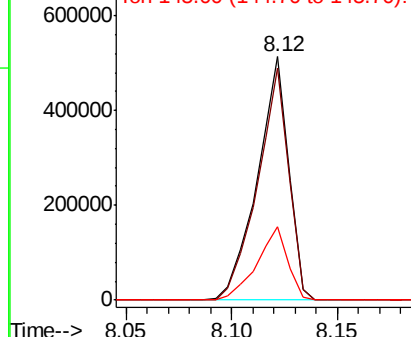
180 100

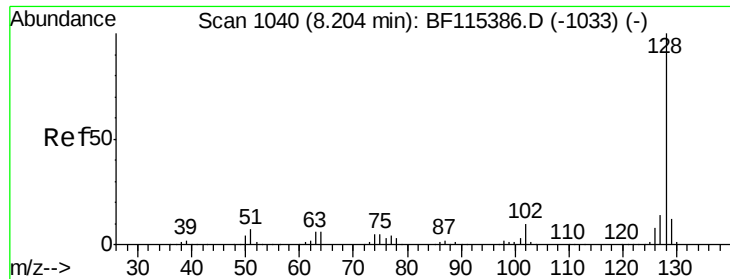
182 95.5 75.9 113.9

145 29.9 24.6 36.8



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

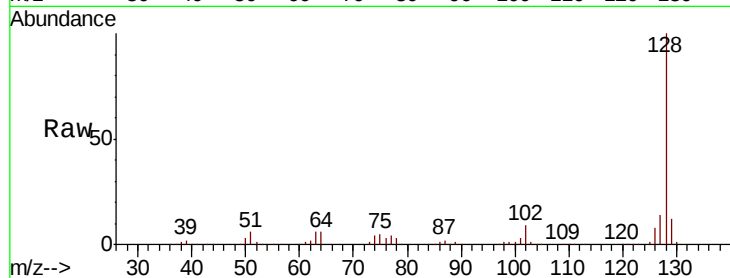




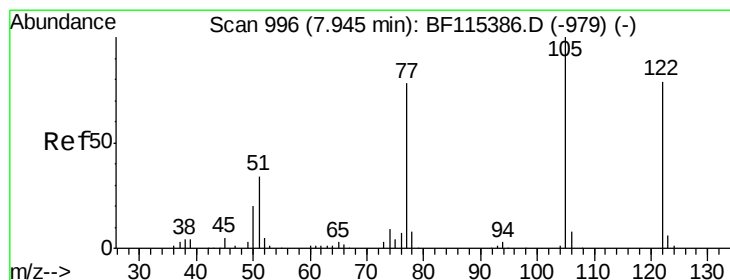
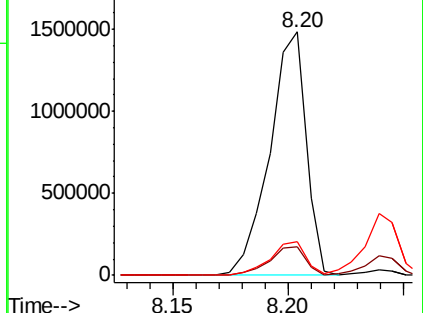
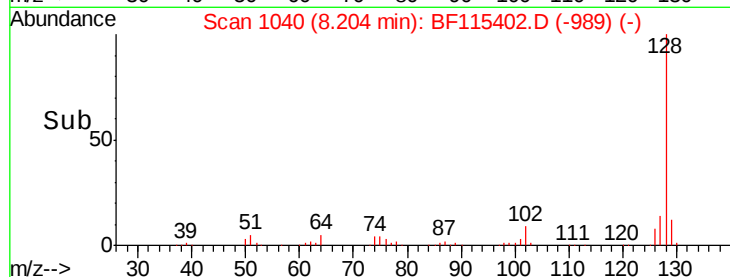
#31
Naphthalene
Concen: 45.837 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1624111
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.7 11.5 17.3

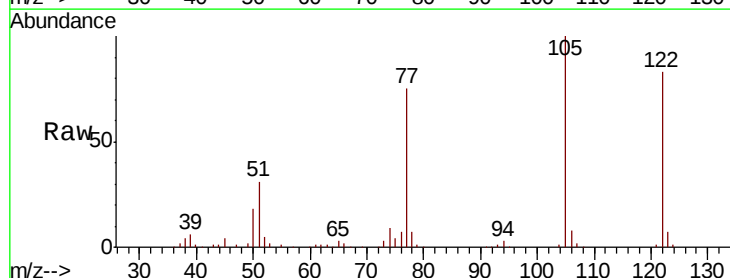


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

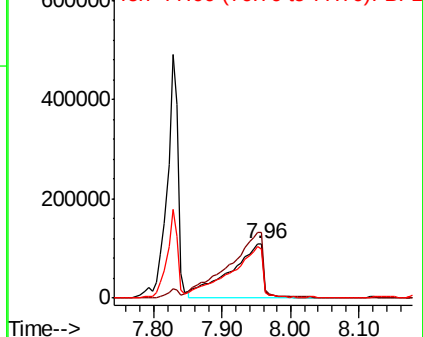
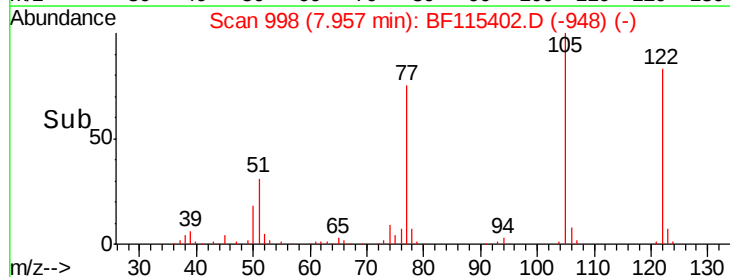


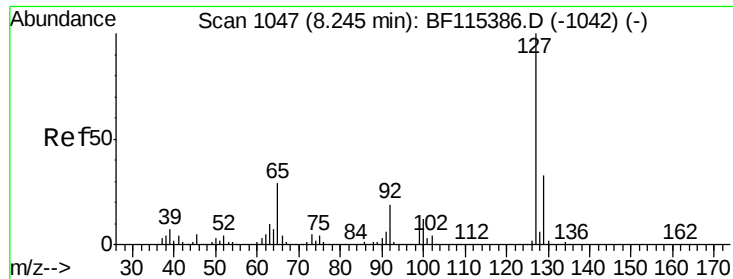
#32
Benzoic acid
Concen: 48.008 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:122 Resp: 373861
Ion Ratio Lower Upper
122 100
105 120.3 102.2 142.2
77 90.6 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

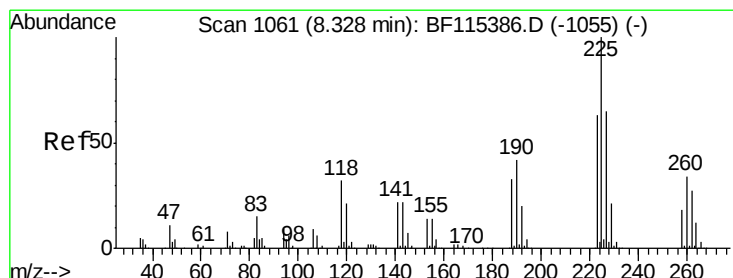
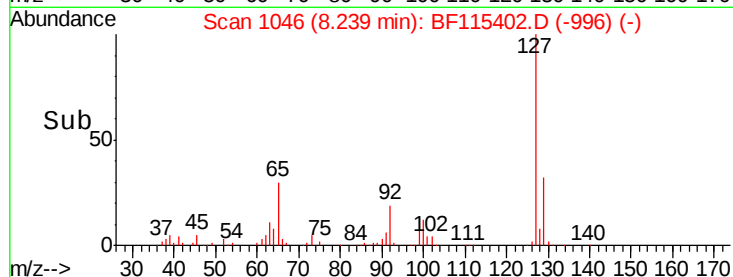
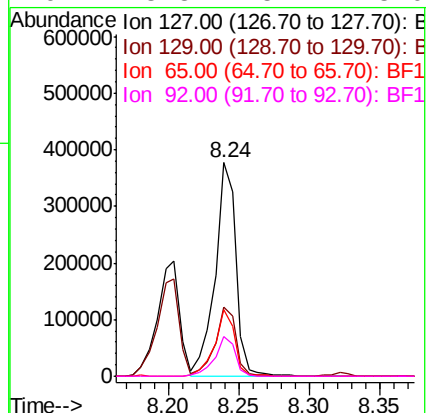
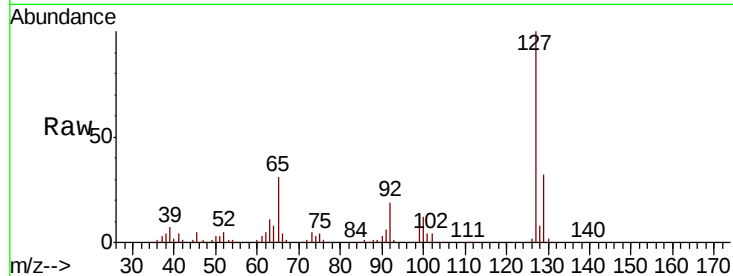




#33
4-Chloroaniline
Concen: 24.540 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

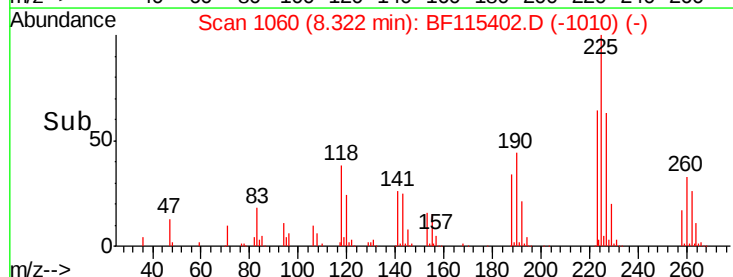
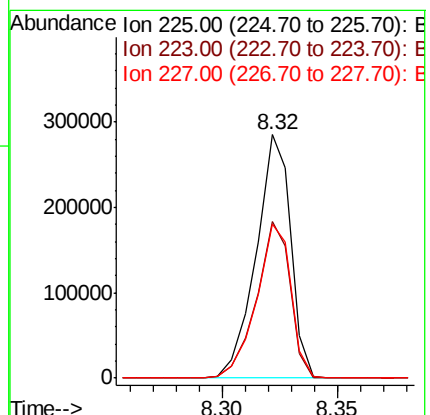
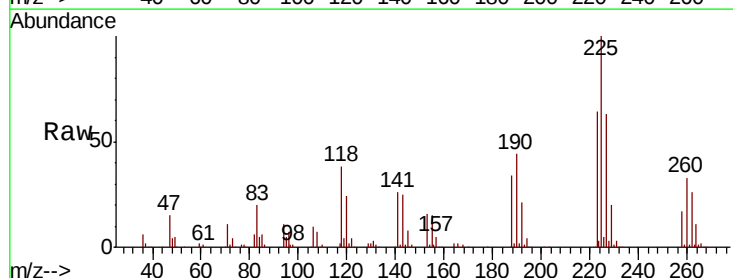
Instrument :
BNA_F
ClientSampleId :

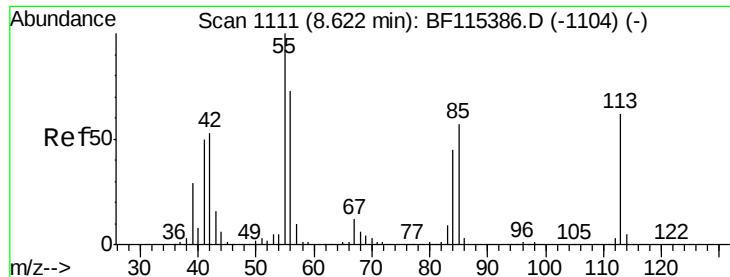
Tot Ion:	127	Resp:	387961
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	30.9	24.5	36.7
92	18.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.186 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:	225	Resp:	297008
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	75.8
227	63.1	51.8	77.8

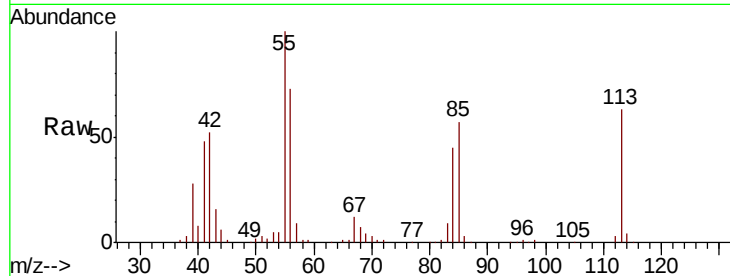




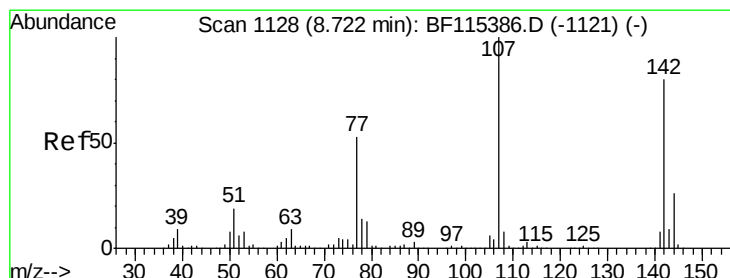
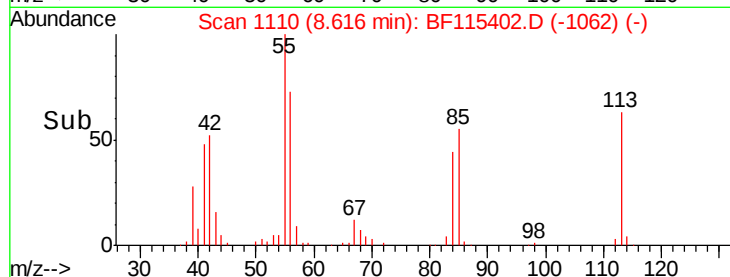
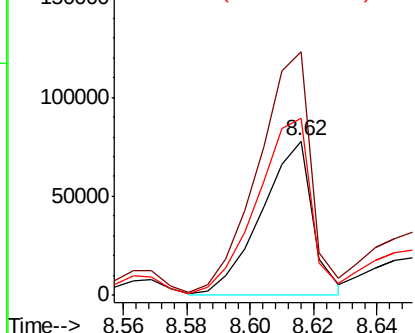
#35
Caprolactam
Concen: 25.310 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 87766
Ion Ratio Lower Upper
113 100
55 157.6 135.8 175.8
56 114.7 95.4 135.4

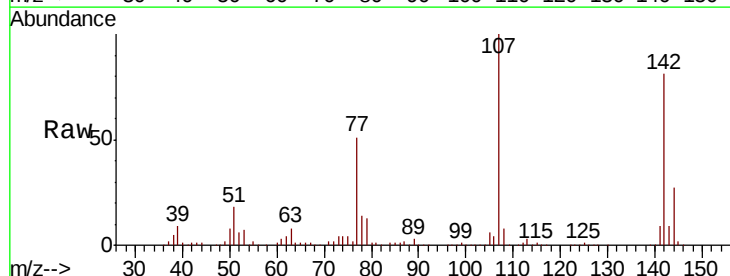


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

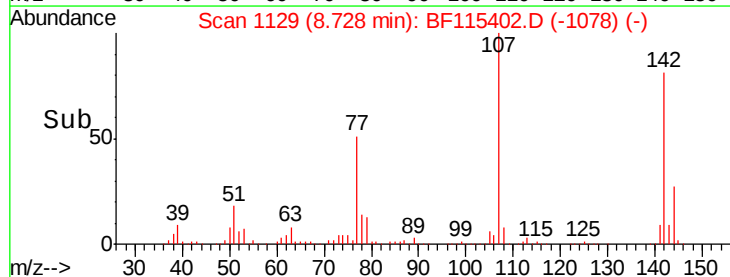
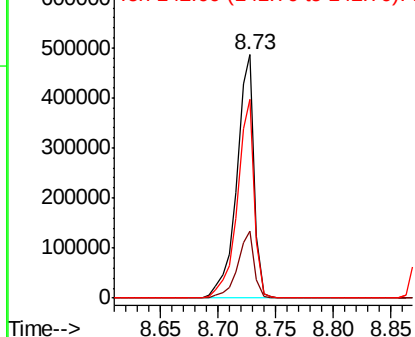


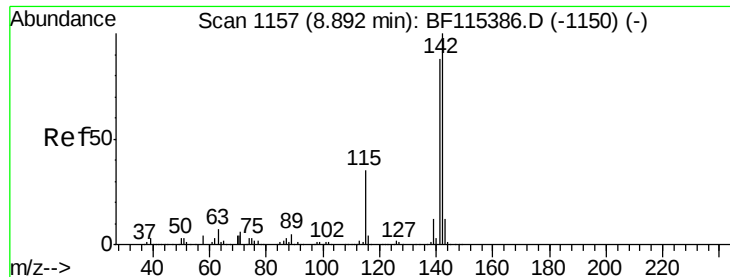
#36
4-Chloro-3-methylphenol
Concen: 44.987 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:107 Resp: 506630
Ion Ratio Lower Upper
107 100
144 27.4 21.0 31.6
142 81.5 64.2 96.2



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

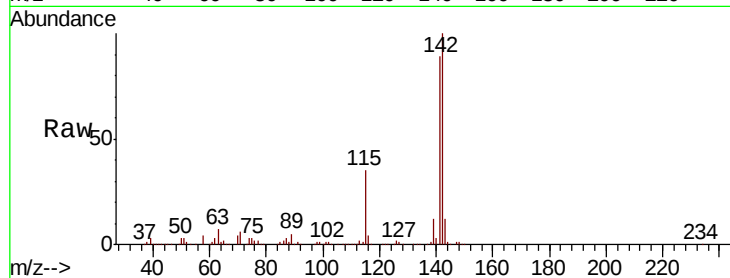




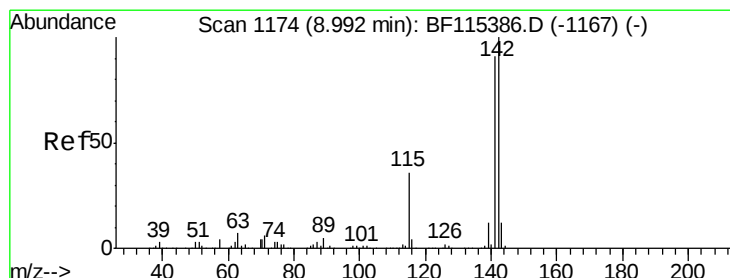
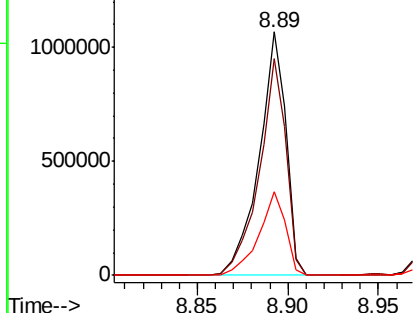
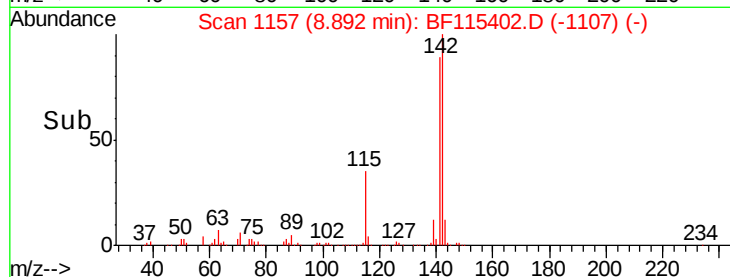
#37
2-Methylnaphthalene
Concen: 46.437 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1099788
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0
115 34.5 27.2 40.8

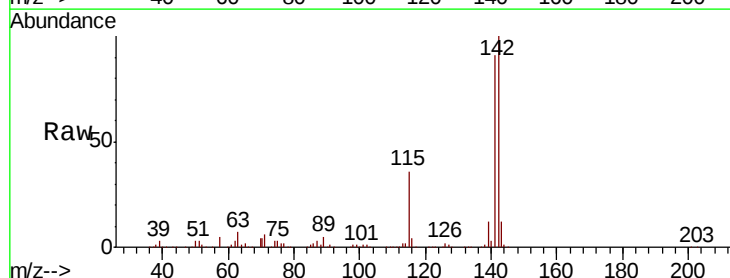


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

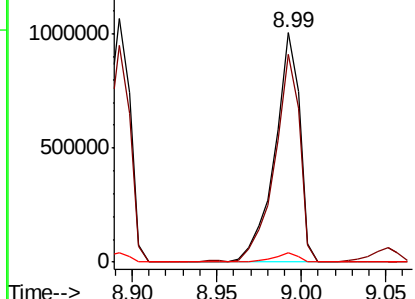
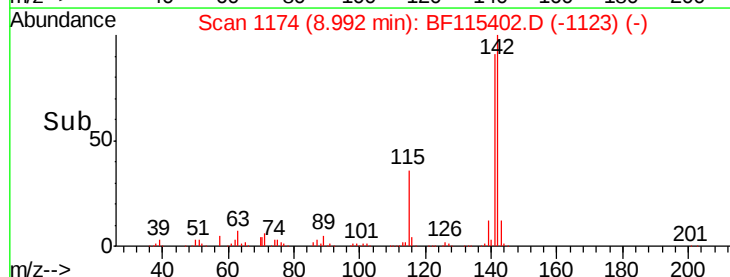


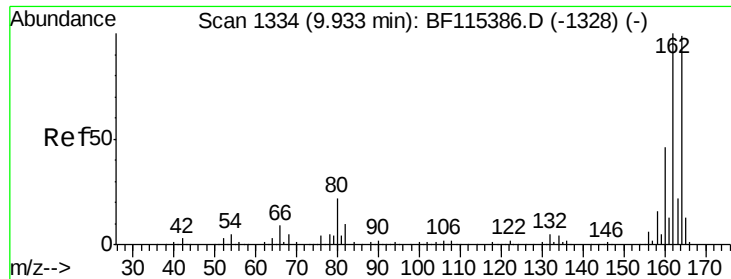
#38
1-Methylnaphthalene
Concen: 45.771 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:142 Resp: 1034271
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5
116 3.9 3.1 4.7



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

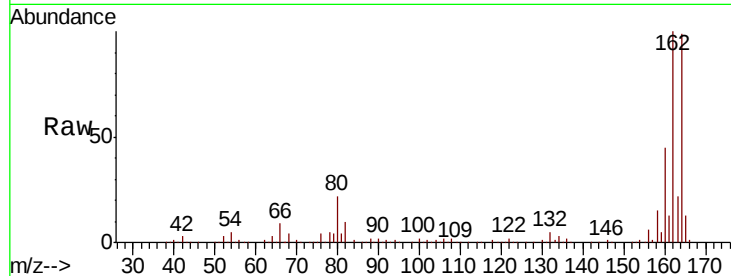




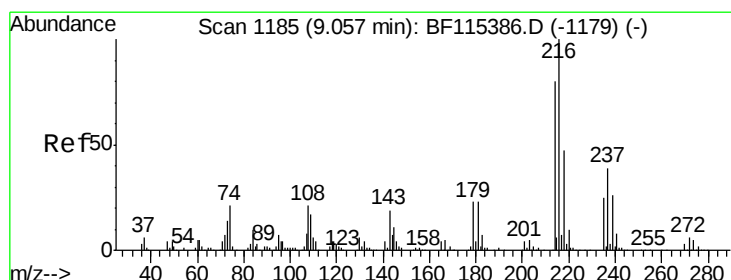
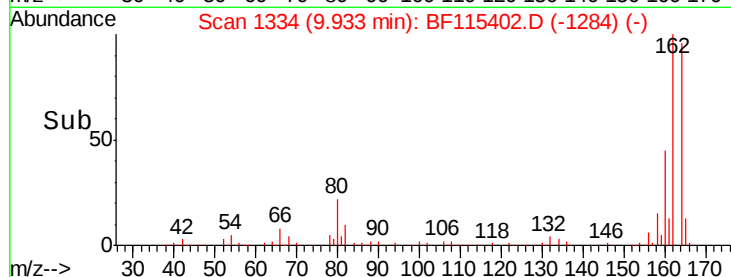
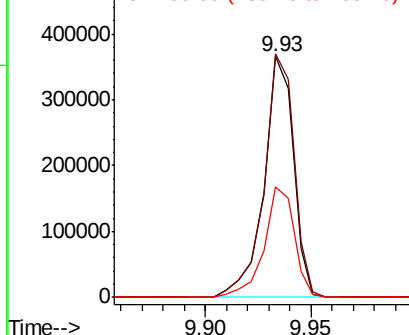
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 356663
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 45.8 37.5 56.3



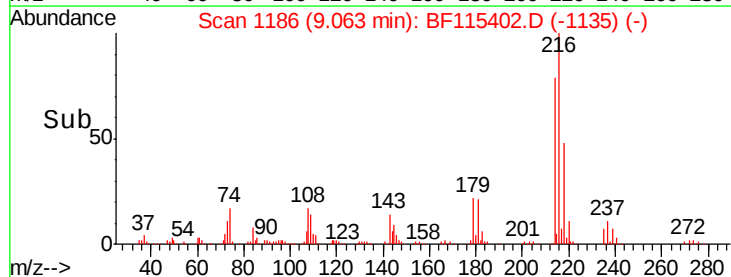
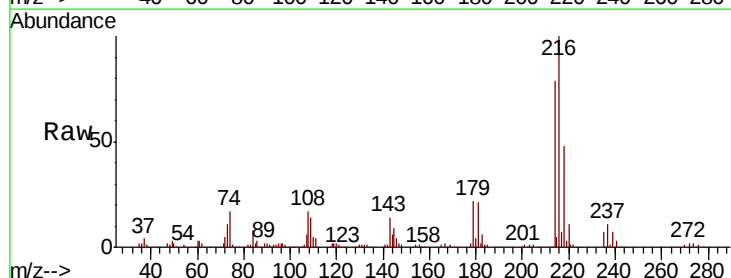
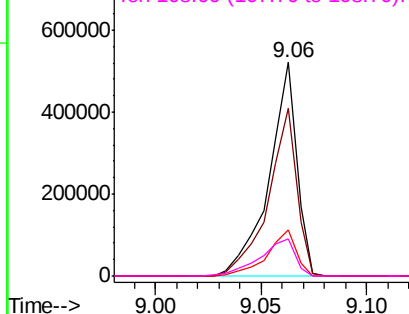
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

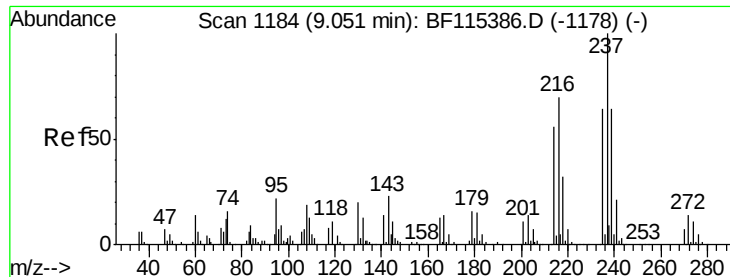


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.567 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:216 Resp: 477812
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 22.0 17.5 26.3
108 22.0 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: 93.917 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

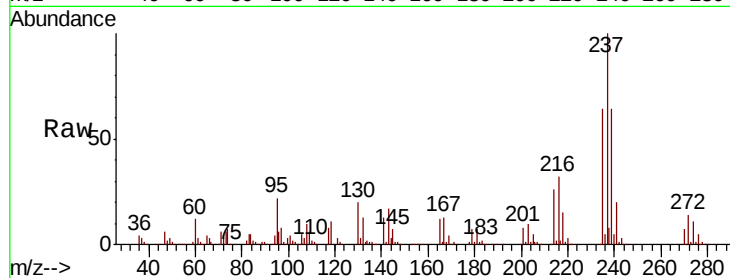
Tot Ion:237 Resp: 558527

Ion Ratio Lower Upper

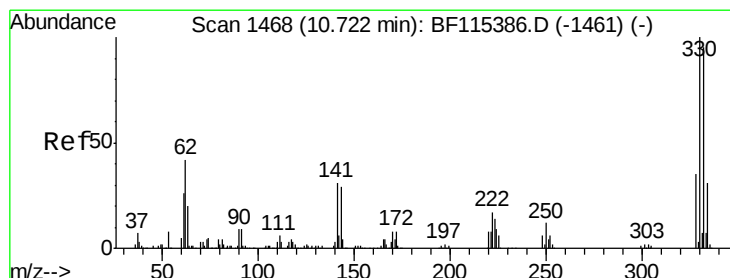
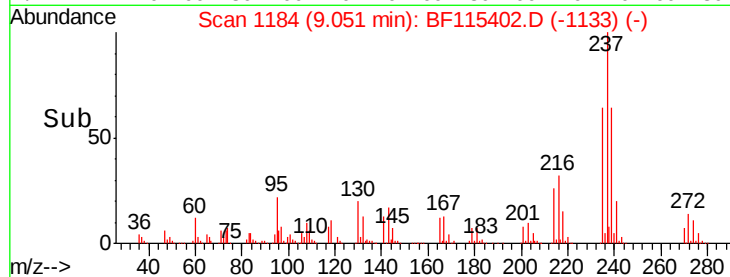
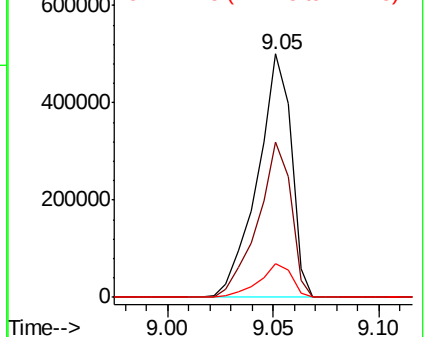
237 100

235 63.7 43.5 83.5

272 13.9 0.0 33.3



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: 130.072 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

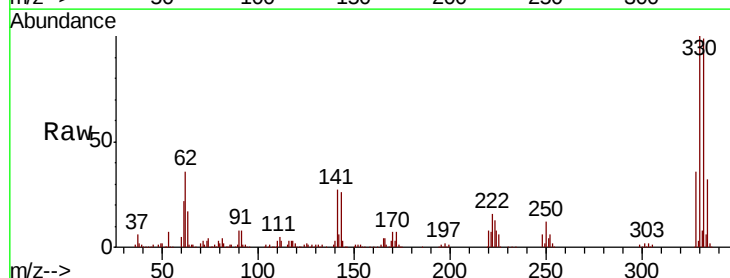
Tgt Ion:330 Resp: 512941

Ion Ratio Lower Upper

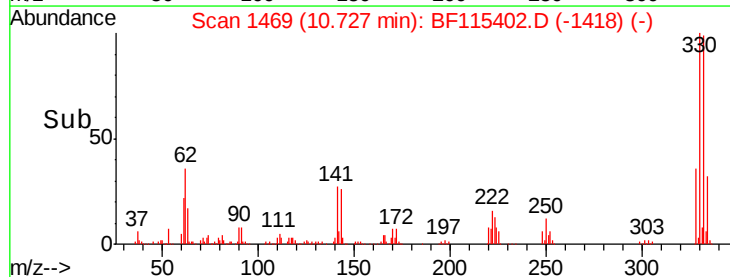
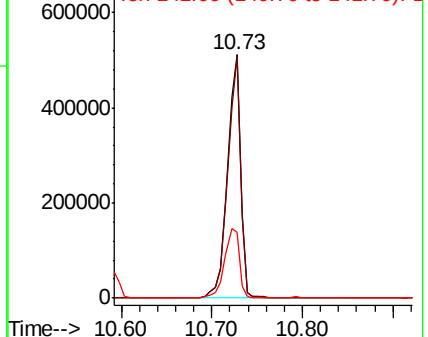
330 100

332 97.3 77.5 116.3

141 32.0 25.8 38.6



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

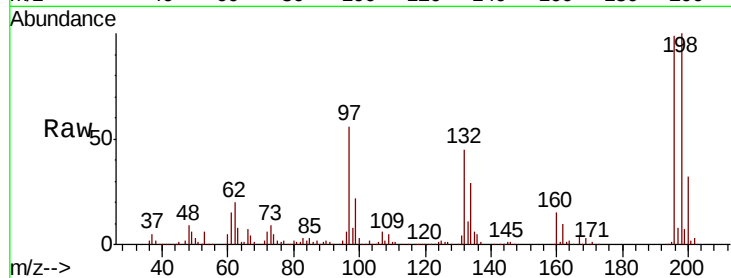




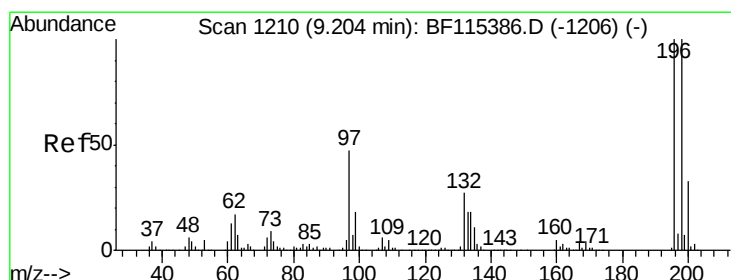
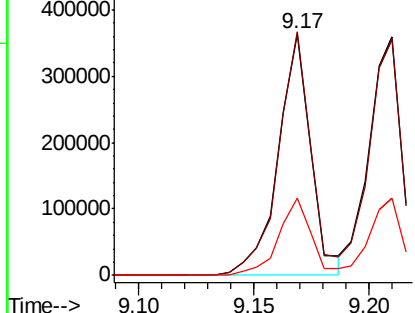
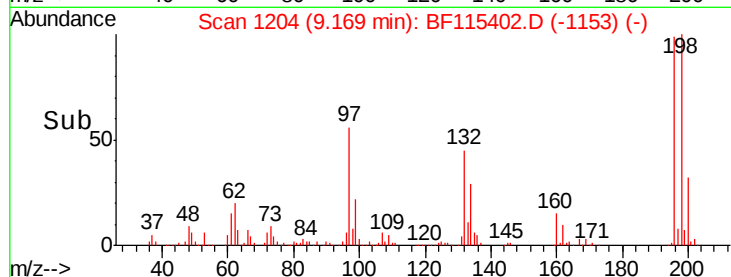
#43
 2,4,6-Trichlorophenol
 Concen: 47.621 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 355730
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.8 119.8
 200 32.0 25.6 38.4

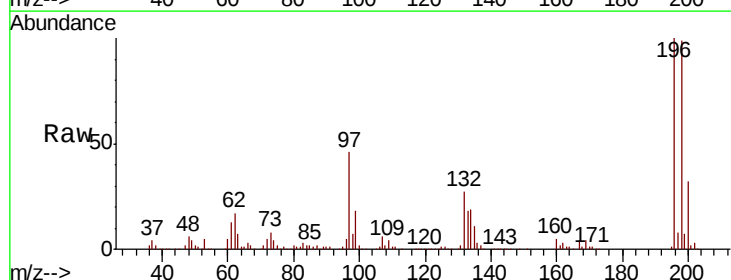


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

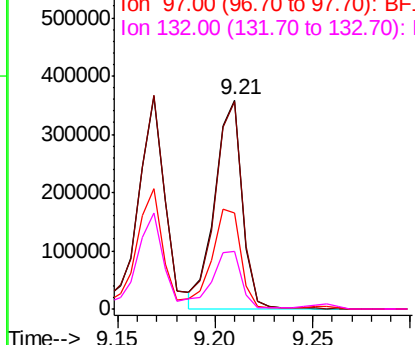
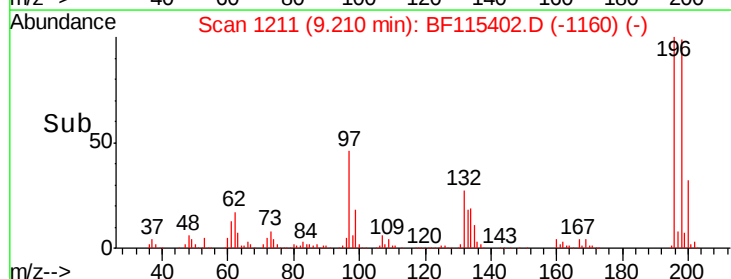


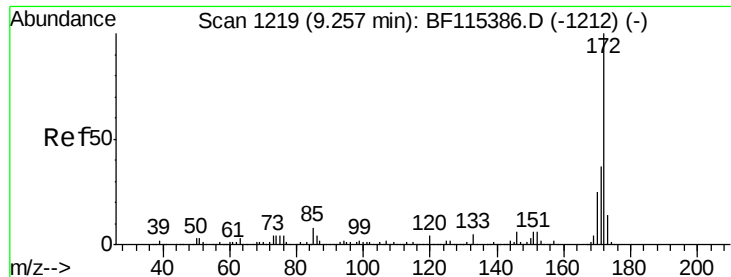
#44
 2,4,5-Trichlorophenol
 Concen: 45.074 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:196 Resp: 349136
 Ion Ratio Lower Upper
 196 100
 198 99.1 79.0 118.4
 97 46.0 37.3 55.9
 132 27.4 21.9 32.9



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

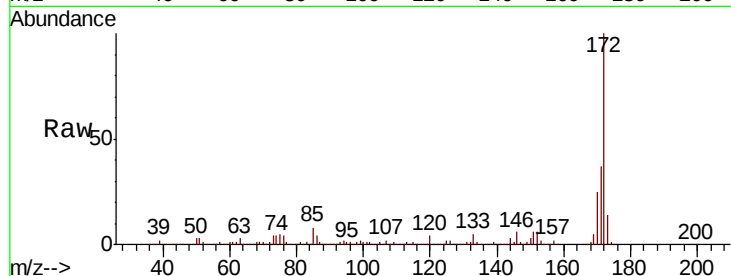




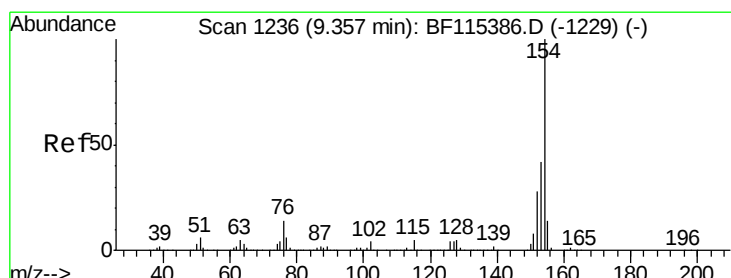
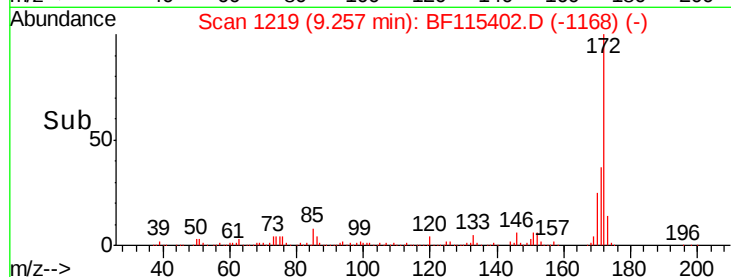
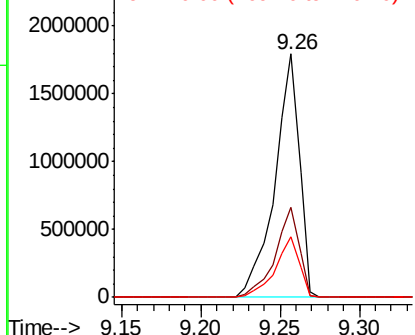
#45
2-Fluorobiphenyl
Concen: 94.913 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1929171
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.9 20.2 30.2

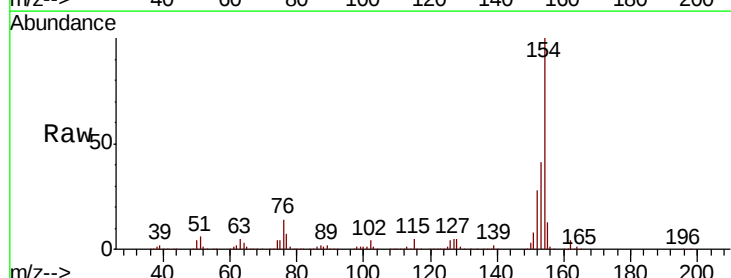


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

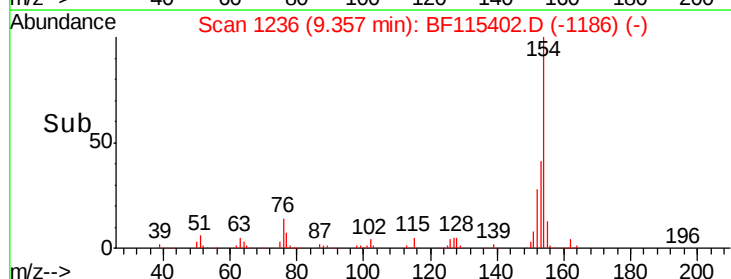
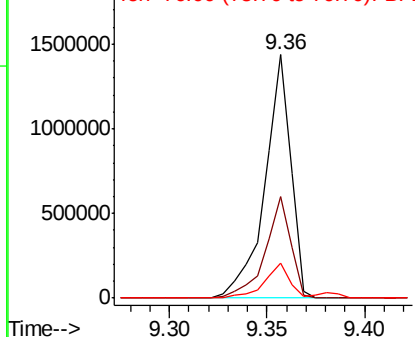


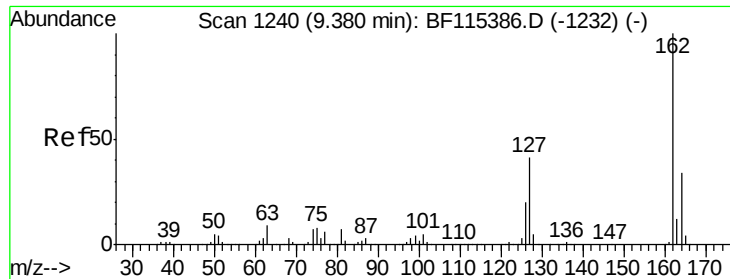
#46
1,1'-Biphenyl
Concen: 47.137 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:154 Resp: 1321691
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 14.3 0.0 32.9



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

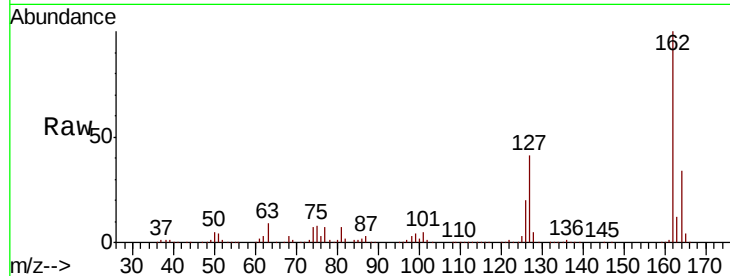




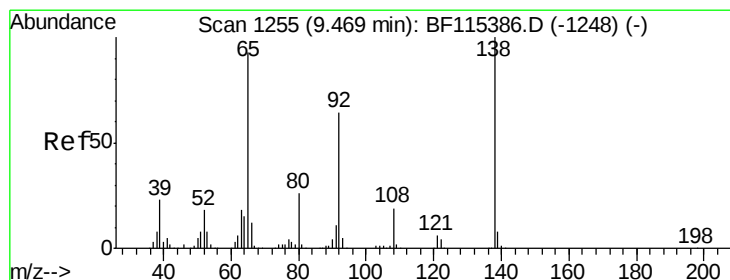
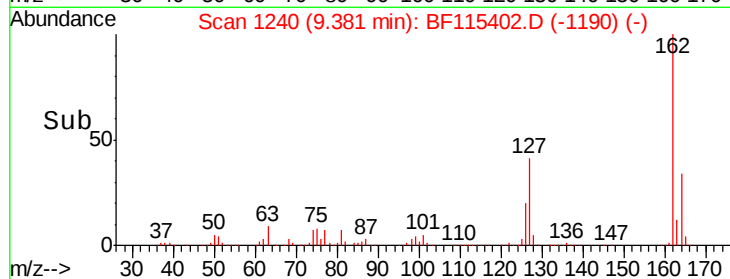
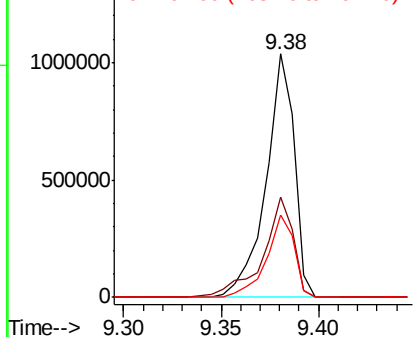
#47
 2-Chloronaphthalene
 Concen: 44.937 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1041372
 Ion Ratio Lower Upper
 162 100
 127 41.1 32.3 48.5
 164 33.7 27.1 40.7

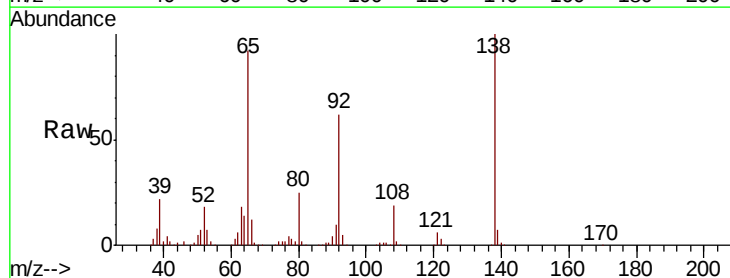


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

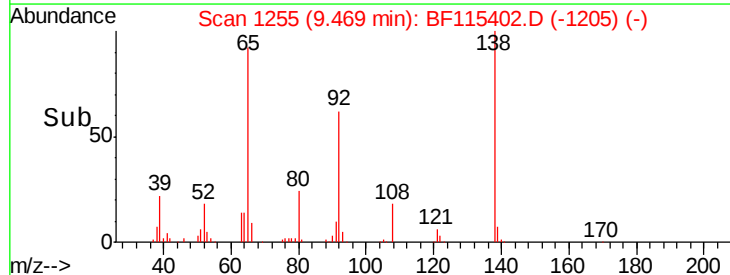
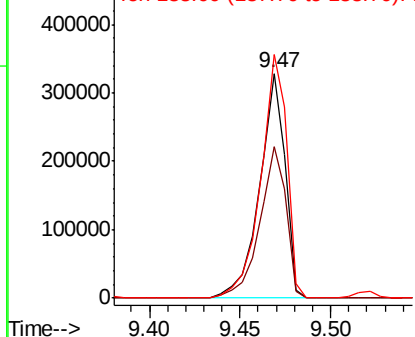


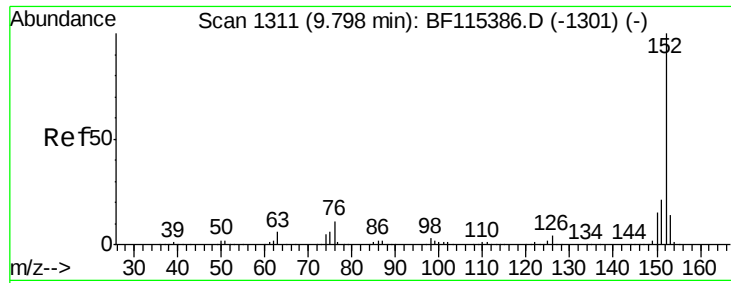
#48
 2-Nitroaniline
 Concen: 47.126 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion: 65 Resp: 320854
 Ion Ratio Lower Upper
 65 100
 92 67.6 56.9 85.3
 138 108.3 93.3 139.9



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

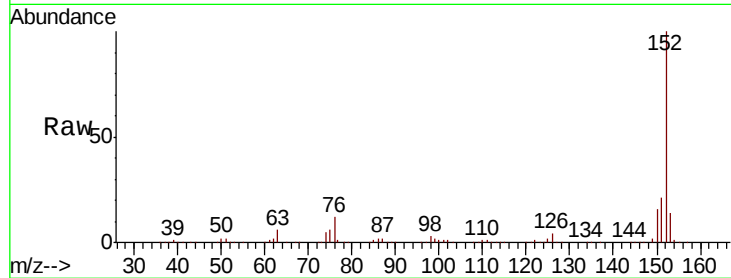




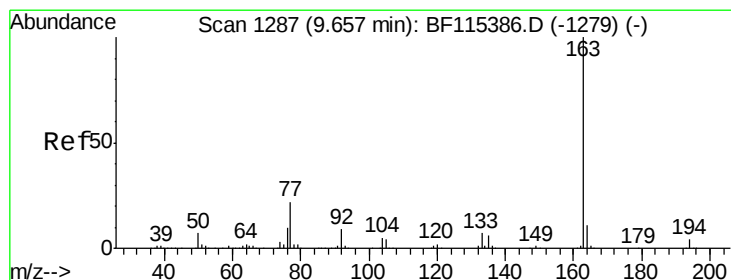
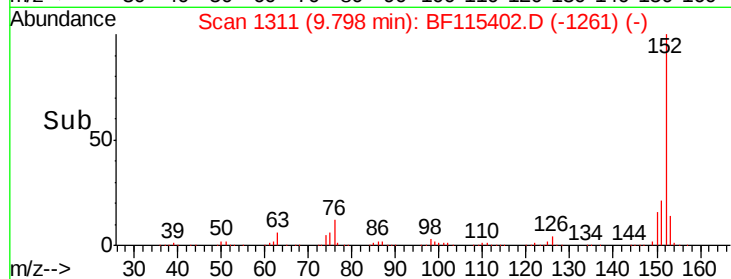
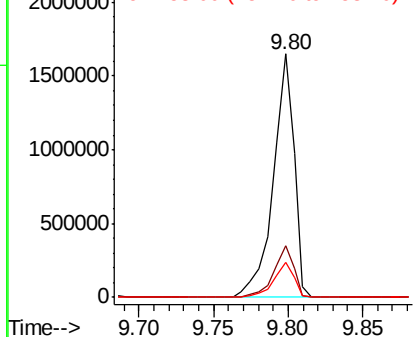
#49
Acenaphthylene
Concen: 45.315 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1589909
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 14.4 11.2 16.8

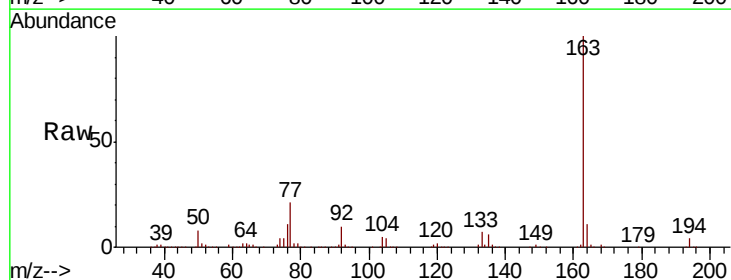


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

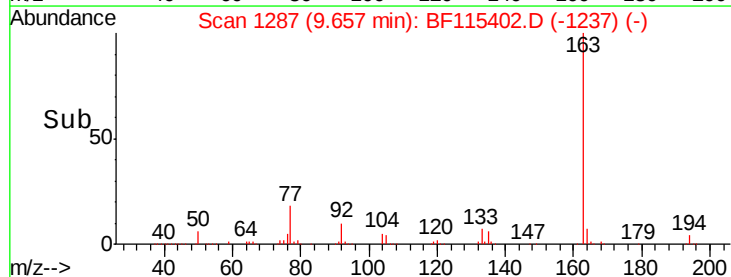
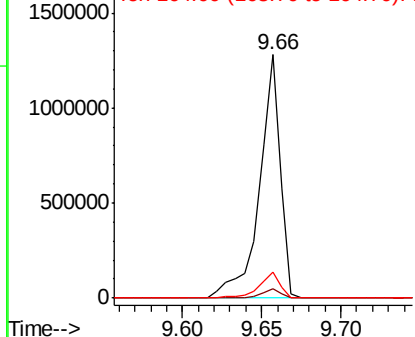


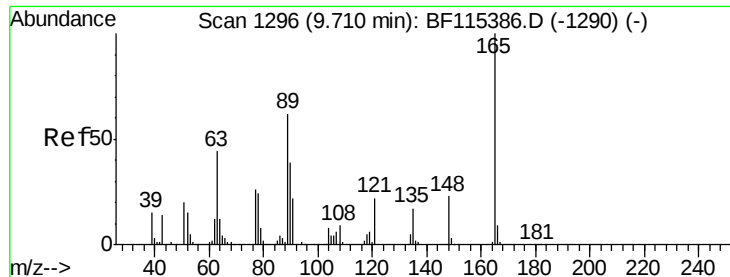
#50
Dimethylphthalate
Concen: 44.125 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:163 Resp: 1181234
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 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: 46.663 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampleId :

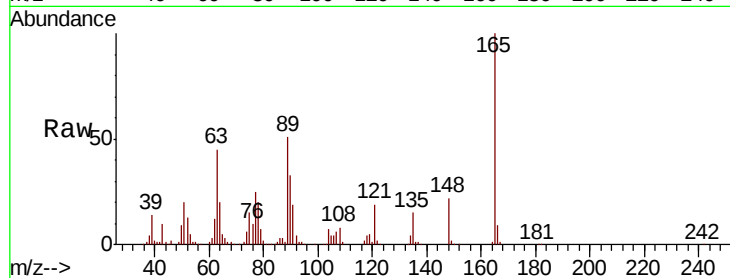
Tot Ion:165 Resp: 270918

Ion Ratio Lower Upper

165 100

63 45.3 45.1 67.7

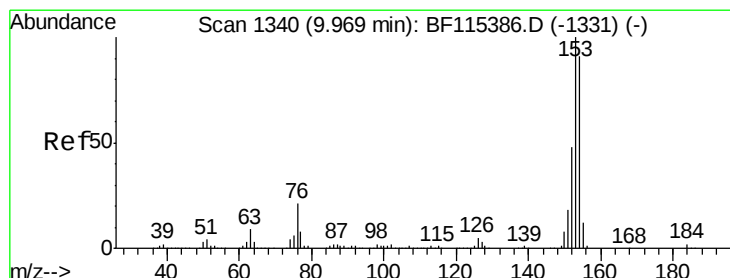
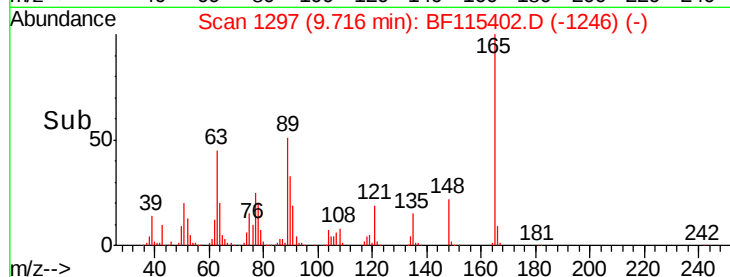
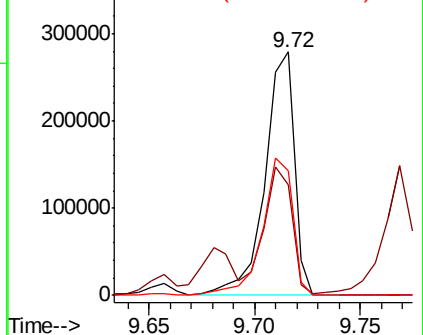
89 51.2 48.3 72.5



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: 49.924 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

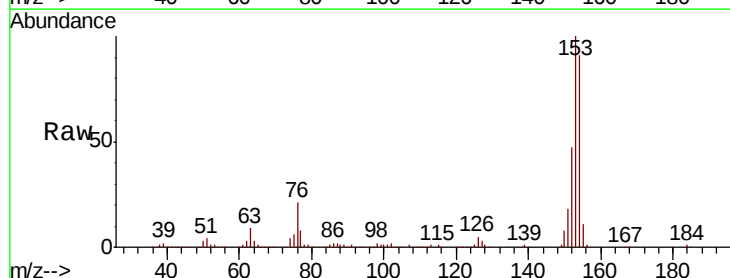
Tgt Ion:154 Resp: 1102388

Ion Ratio Lower Upper

154 100

153 110.0 88.6 133.0

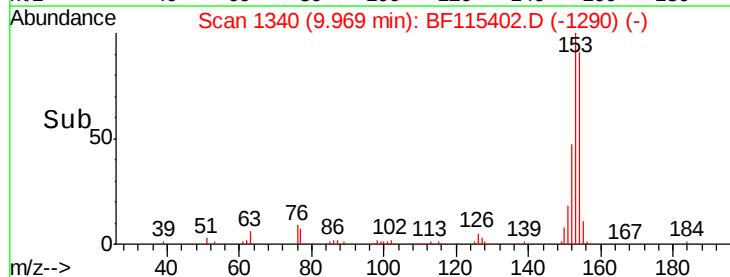
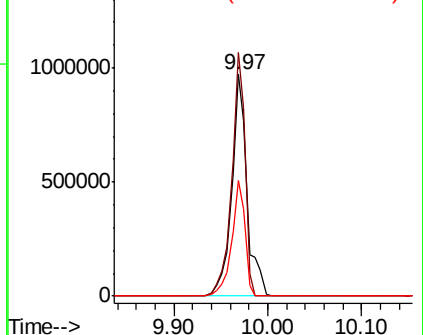
152 52.3 42.5 63.7

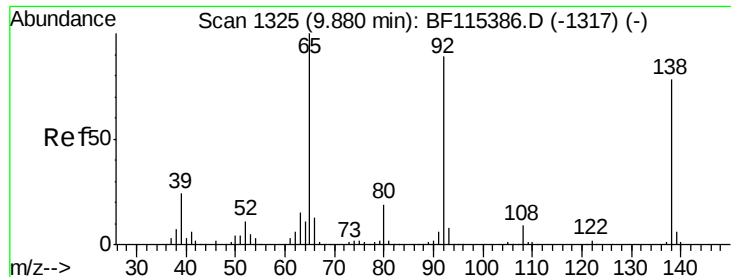


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

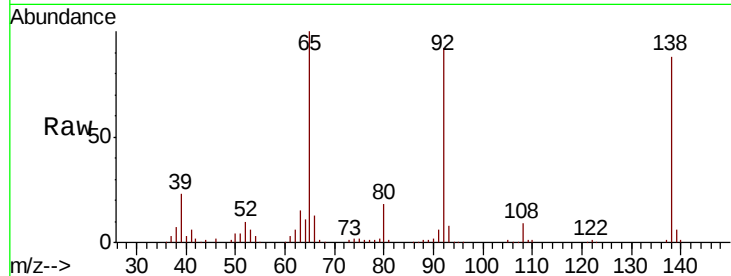




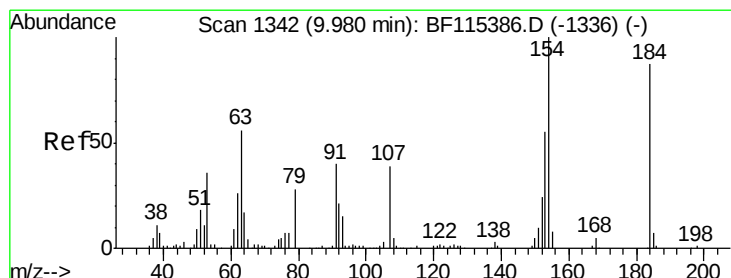
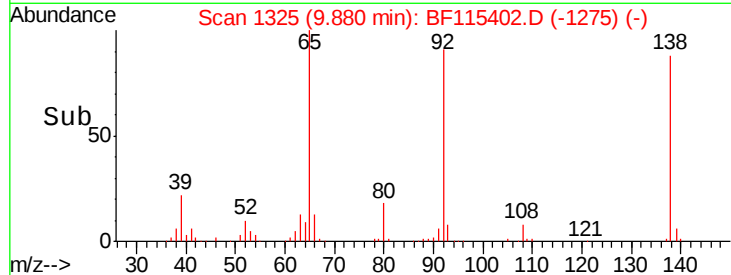
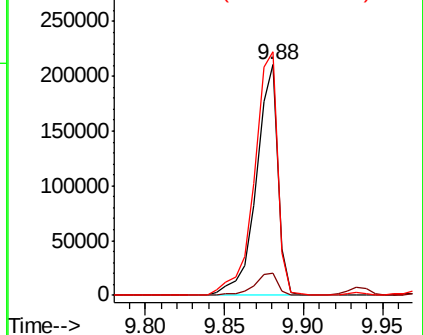
#53
3-Nitroaniline
Concen: 29.826 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 201121
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 105.6 89.6 134.4

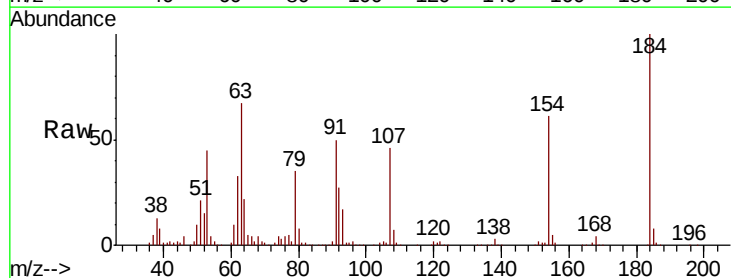


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

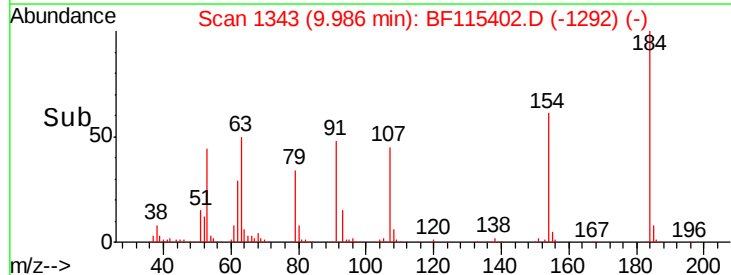
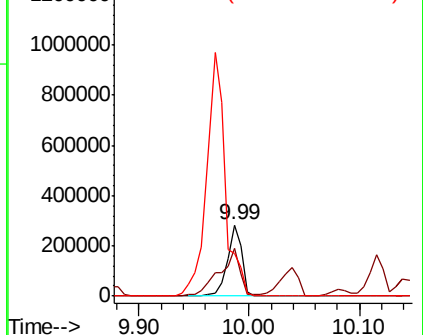


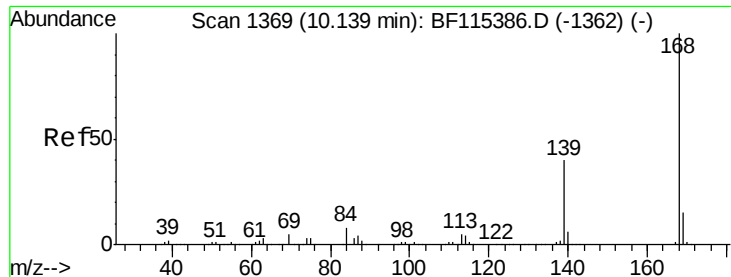
#54
2,4-Dinitrophenol
Concen: 100.639 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:184 Resp: 259175
Ion Ratio Lower Upper
184 100
63 67.1 51.7 77.5
154 61.0 55.8 83.8



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

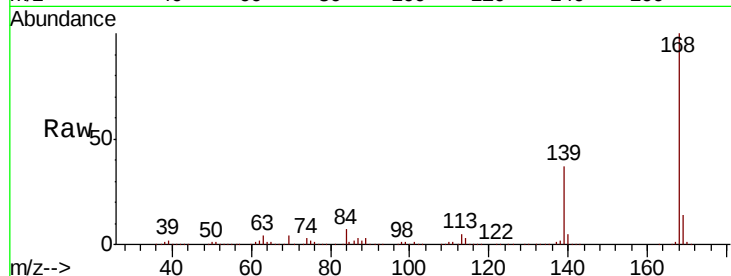




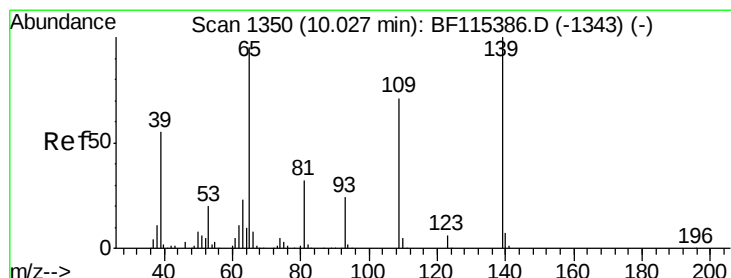
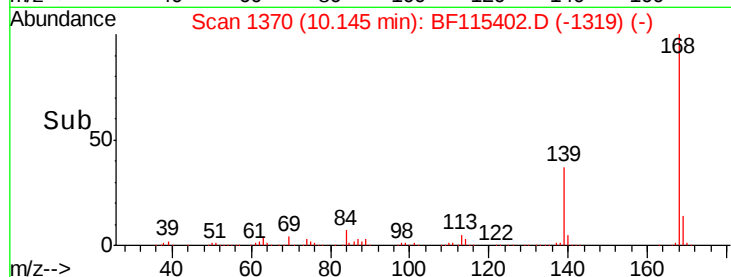
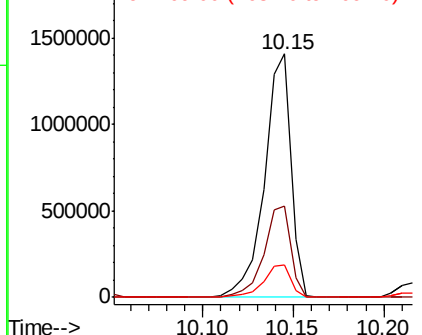
#55
Dibenzenofuran
Concen: 45.914 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1428183
Ion Ratio Lower Upper
168 100
139 37.4 31.7 47.5
169 13.6 11.4 17.0

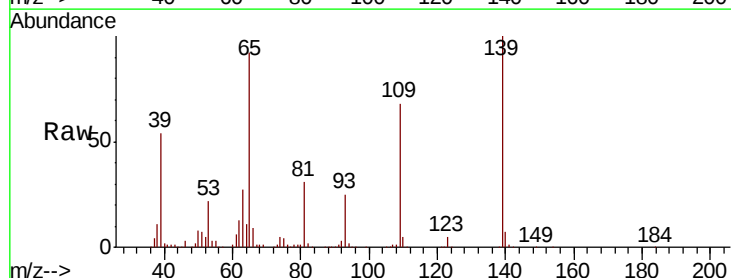


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

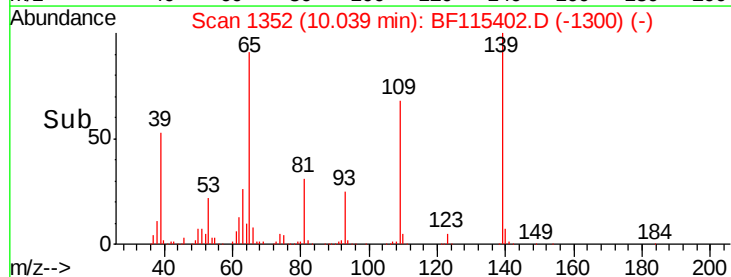
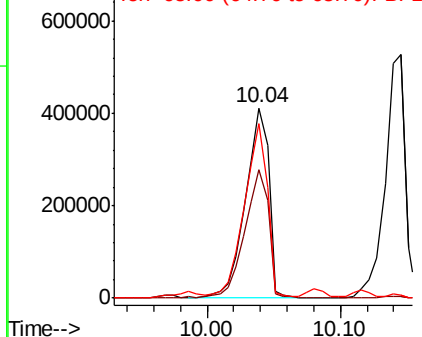


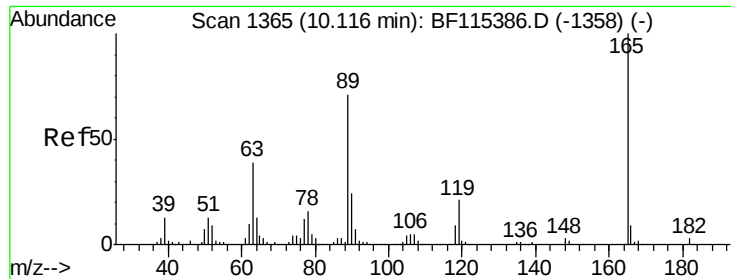
#56
4-Nitrophenol
Concen: 94.319 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:139 Resp: 492069
Ion Ratio Lower Upper
139 100
109 67.9 49.3 89.3
65 91.5 75.1 115.1



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

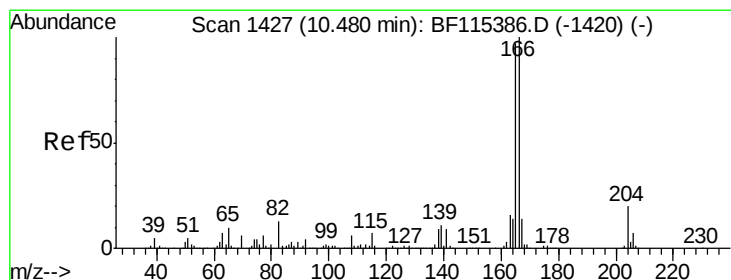
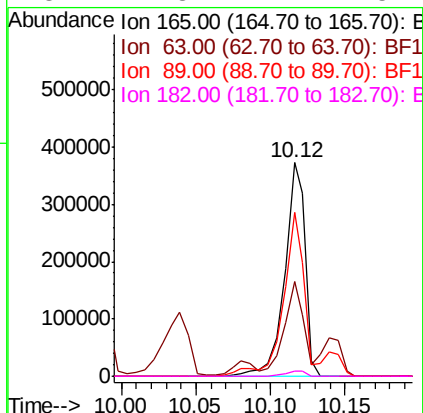
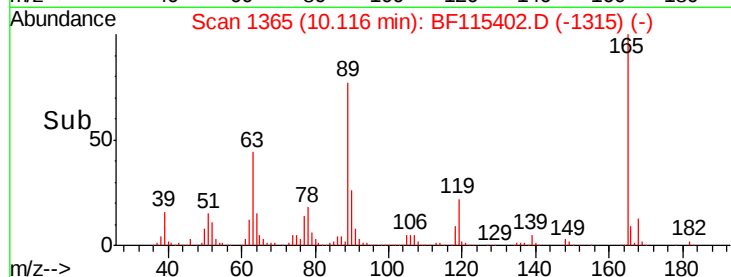
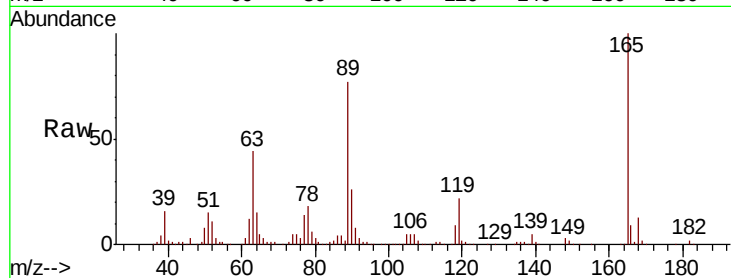




#57
2,4-Dinitrotoluene
Concen: 49.134 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

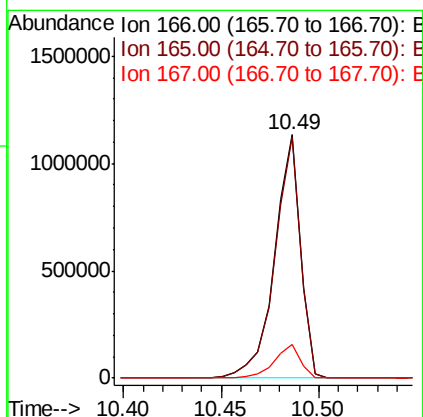
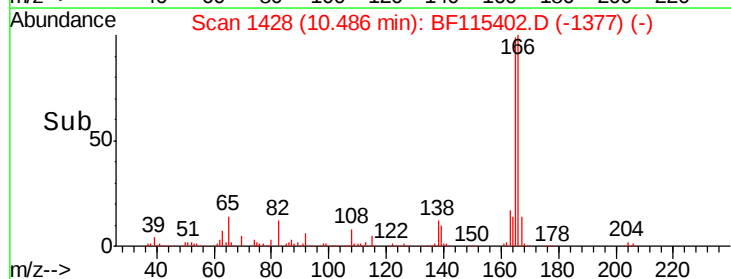
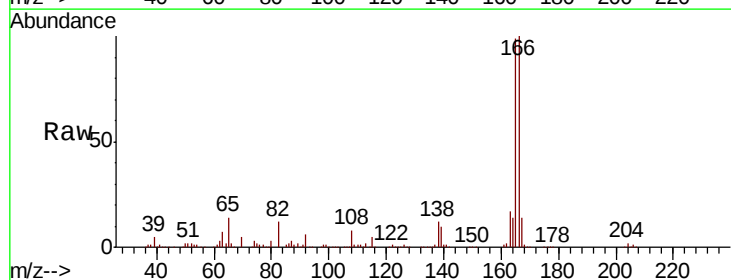
Instrument :
BNA_F
ClientSampleId :

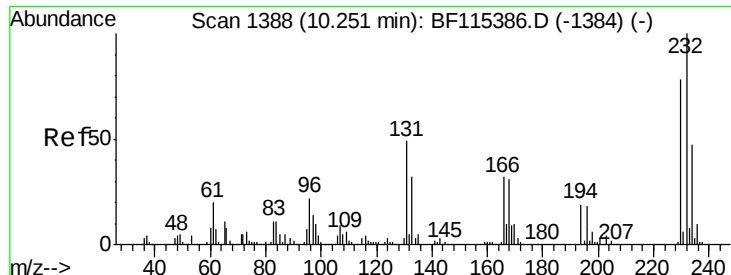
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	30.0	45.0
89	76.7	54.8	82.2
182	2.3	2.1	3.1



#58
Fluorene
Concen: 42.571 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.1	118.7
167	13.8	11.2	16.8

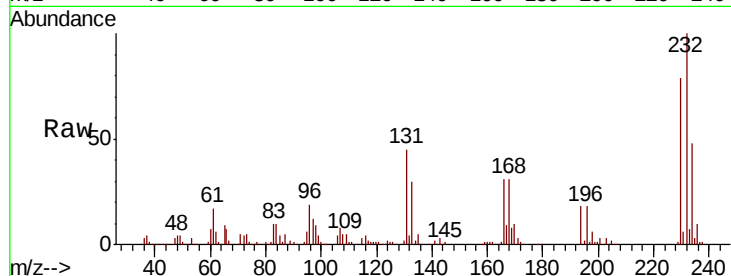




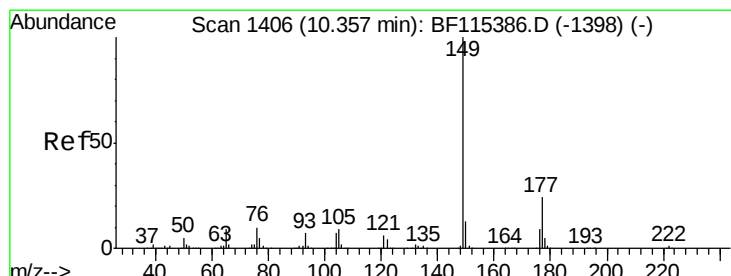
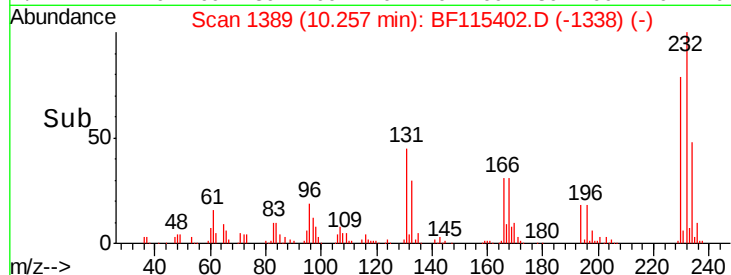
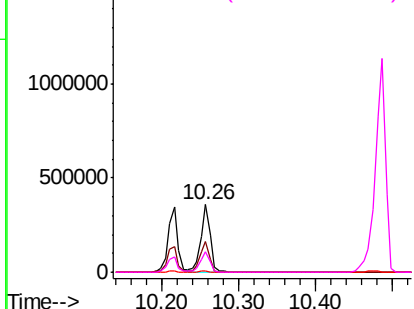
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.703 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 312508
 Ion Ratio Lower Upper
 232 100
 131 45.2 35.9 53.9
 130 2.2 1.8 2.6
 166 30.0 24.0 36.0

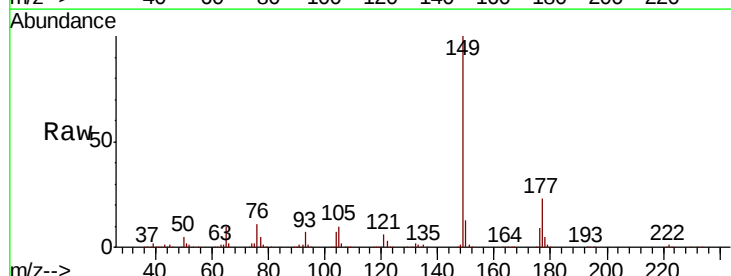


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

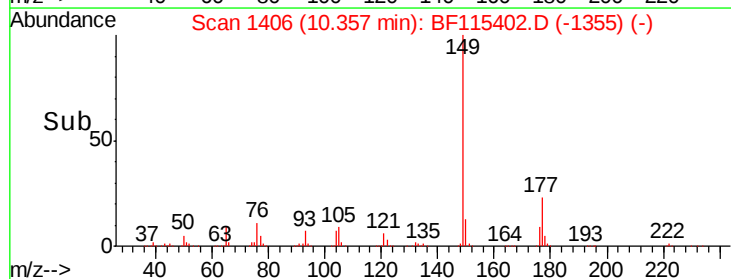
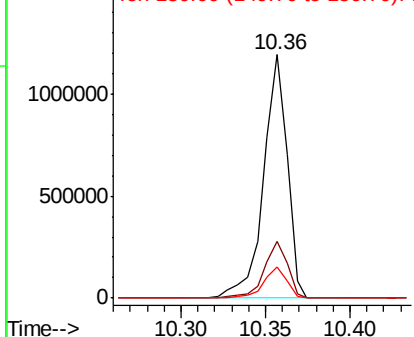


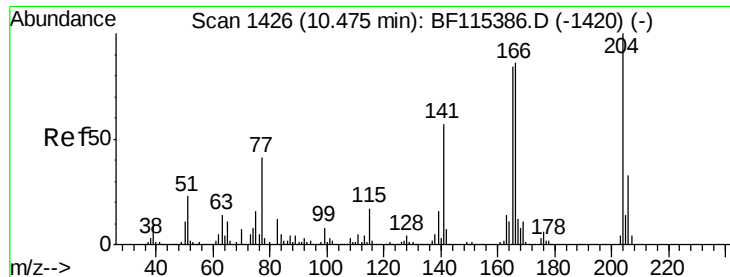
#60
 Diethylphthalate
 Concen: 43.794 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:149 Resp: 1153947
 Ion Ratio Lower Upper
 149 100
 177 23.3 19.0 28.4
 150 12.9 10.4 15.6



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

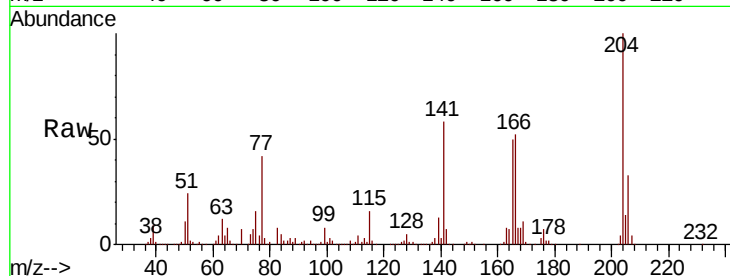




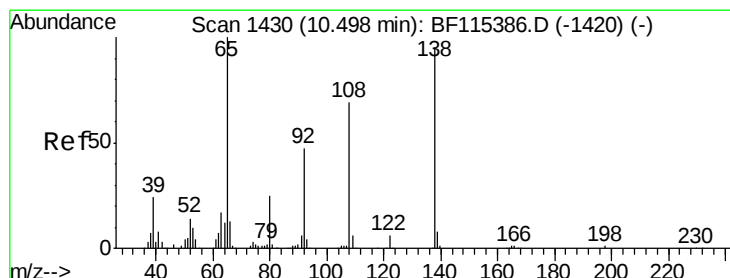
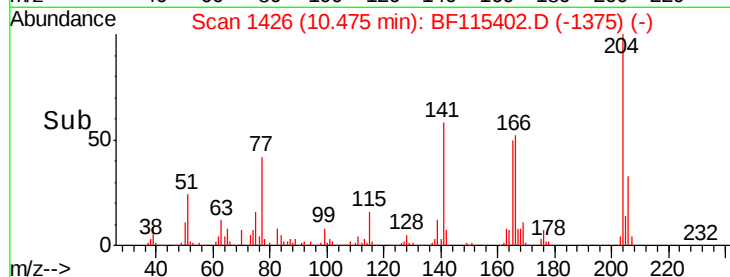
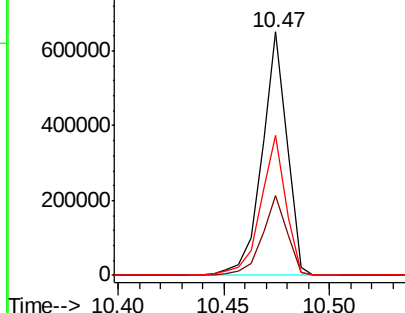
#61
4-Chlorophenyl-phenylether
Concen: 44.709 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 535065
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 57.6 47.7 71.5

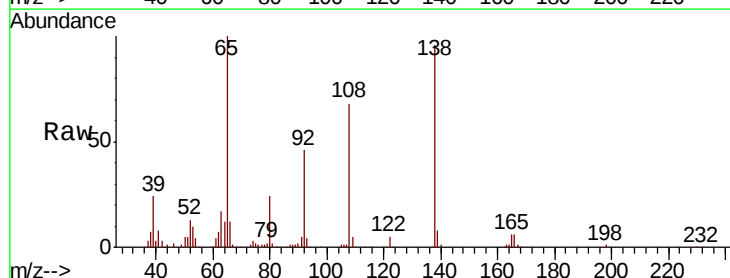


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

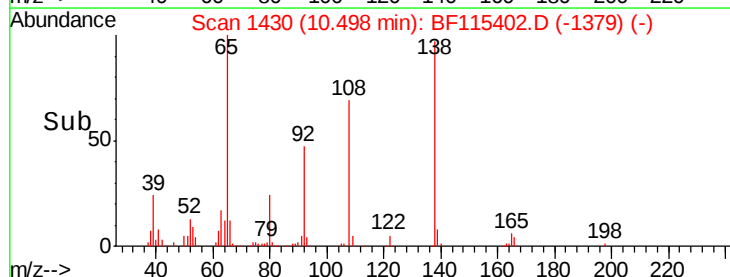
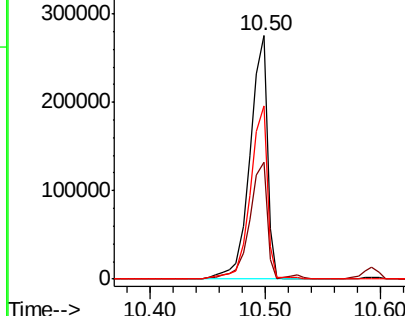


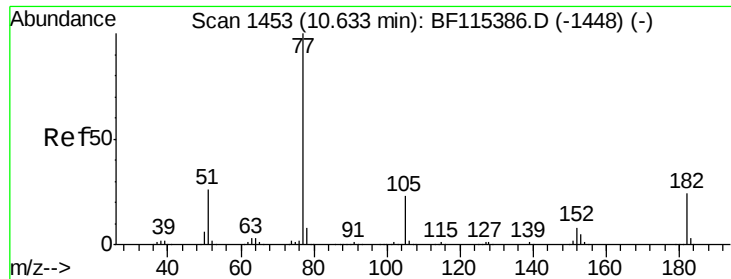
#62
4-Nitroaniline
Concen: 43.366 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:138 Resp: 287035
Ion Ratio Lower Upper
138 100
92 48.2 30.6 70.6
108 71.4 53.3 93.3



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

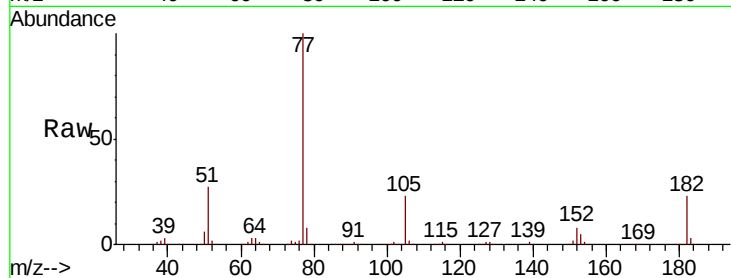




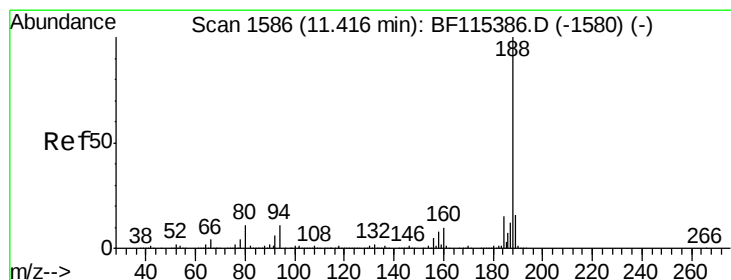
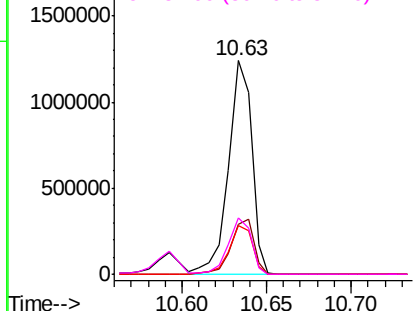
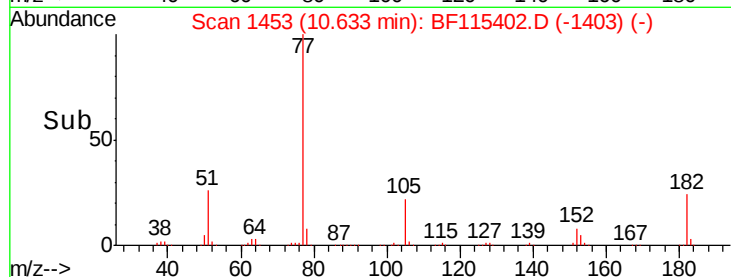
#63
Azobenzene
Concen: 43.598 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1184183
Ion Ratio Lower Upper
77 100
182 23.5 8.8 48.8
105 22.5 3.9 43.9
51 26.6 6.0 46.0

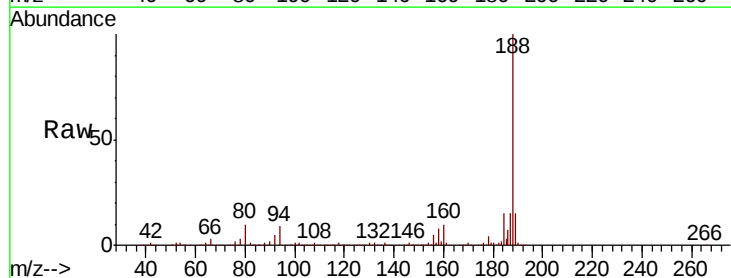


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

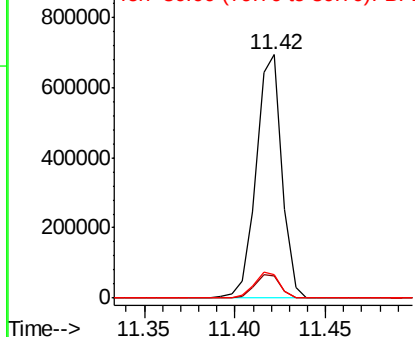
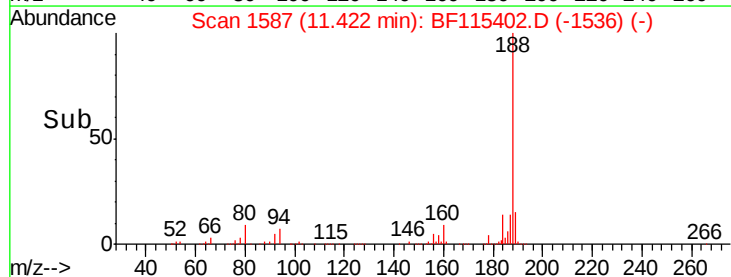


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion: 188 Resp: 683780
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.8 8.5 12.7



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

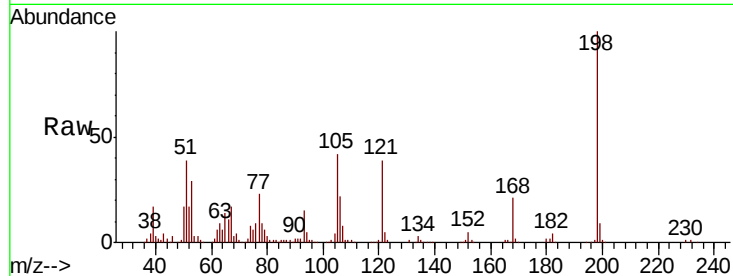




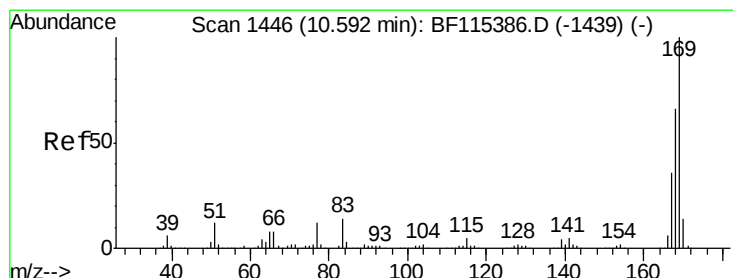
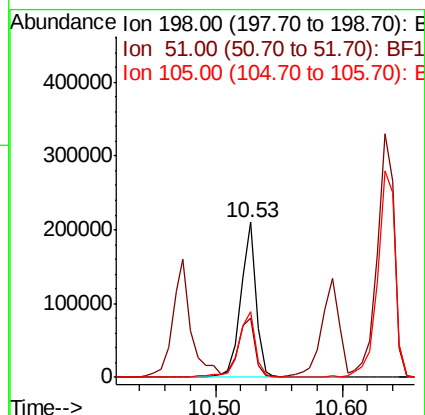
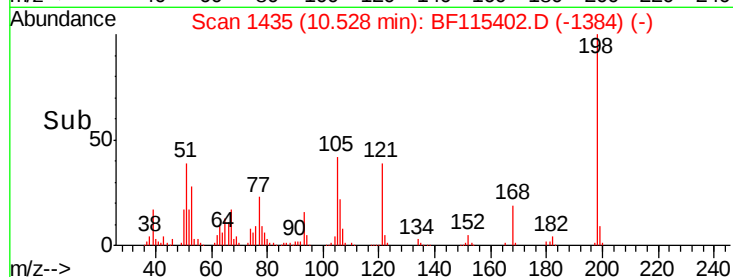
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.818 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 172082
 Ion Ratio Lower Upper
 198 100
 51 38.6 28.1 68.1
 105 42.0 29.4 69.4

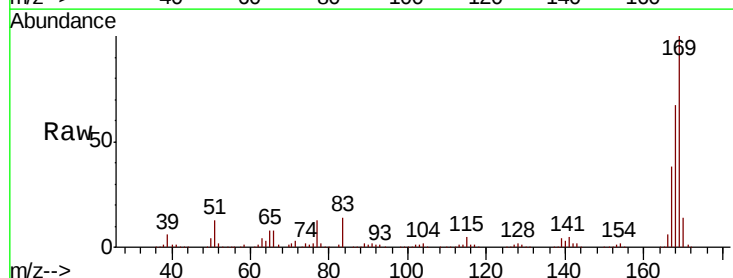


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

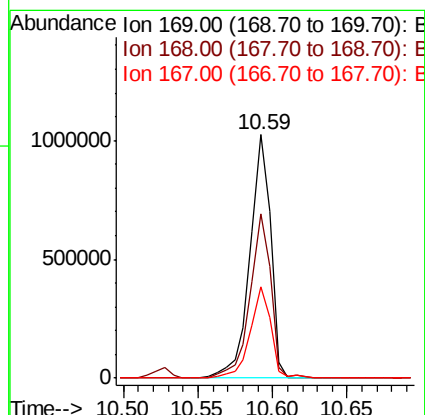
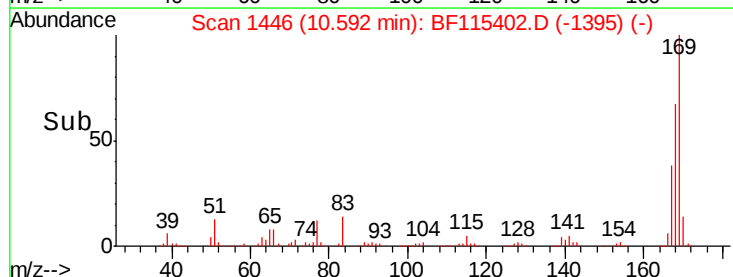


#66
 n-Nitrosodiphenylamine
 Concen: 45.485 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:169 Resp: 979970
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.6 80.4
 167 37.6 29.5 44.3



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

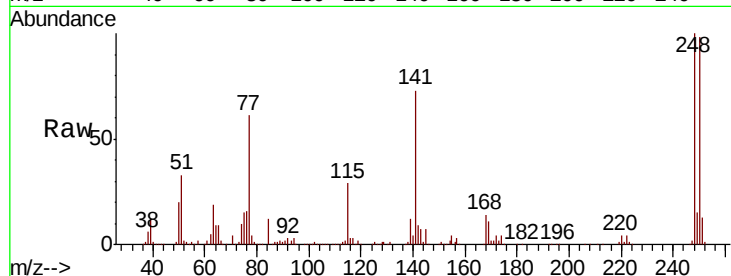




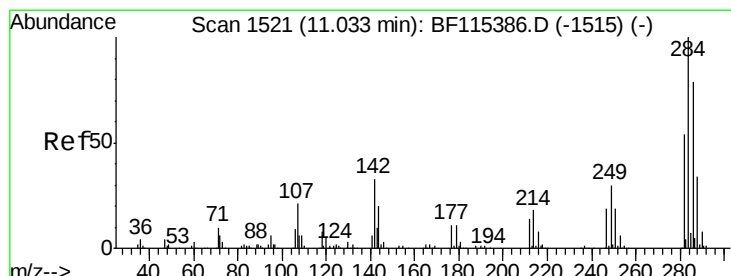
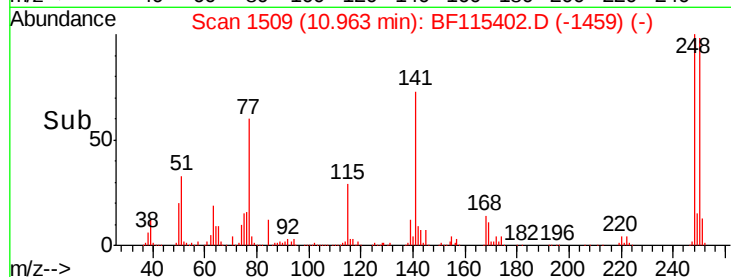
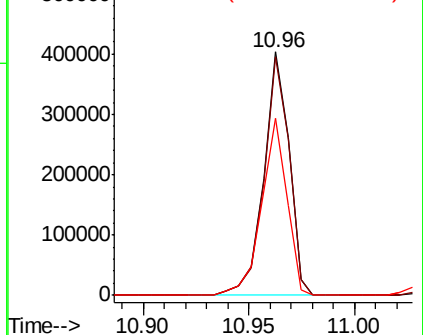
#67
4-Bromophenyl-phenylether
Concen: 44.070 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 338128
Ion Ratio Lower Upper
248 100
250 98.0 79.1 118.7
141 72.7 49.4 74.2

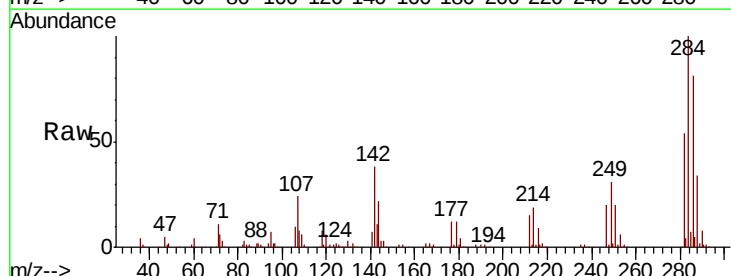


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

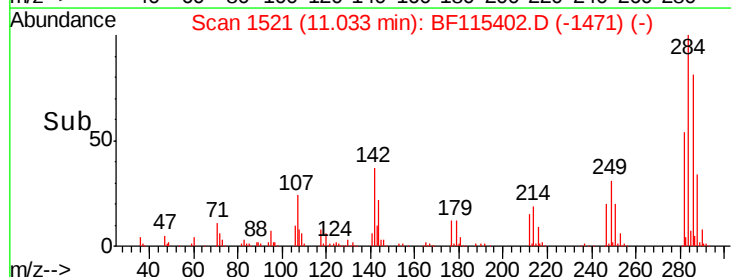
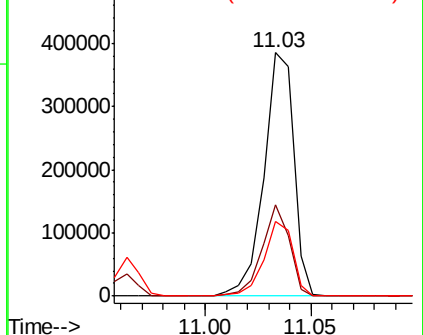


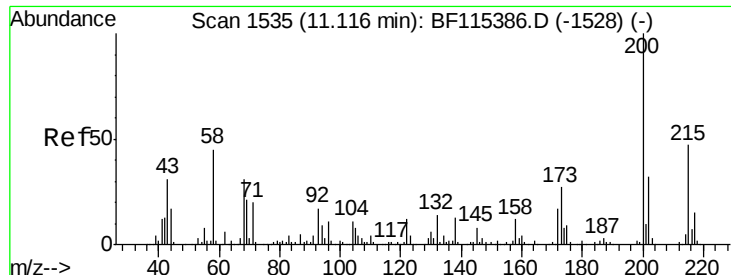
#68
Hexachlorobenzene
Concen: 44.127 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:284 Resp: 379911
Ion Ratio Lower Upper
284 100
142 37.6 25.0 37.6
249 30.7 24.0 36.0



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

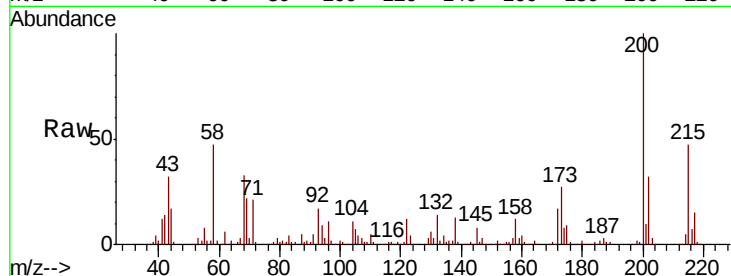




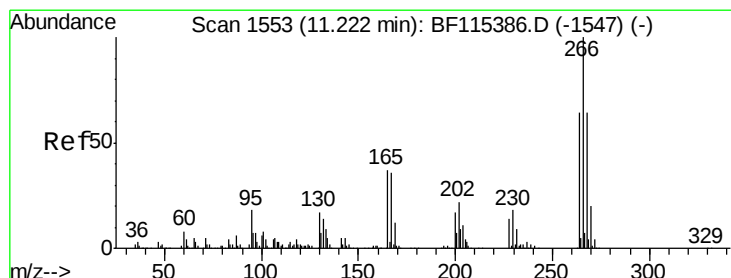
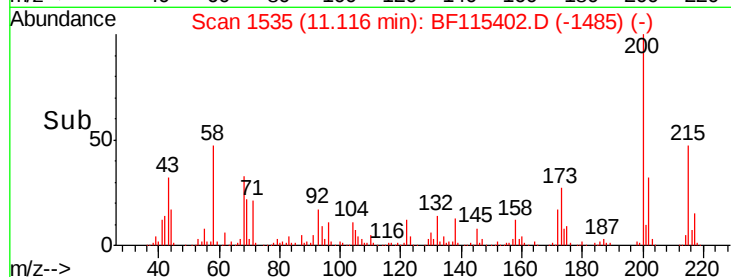
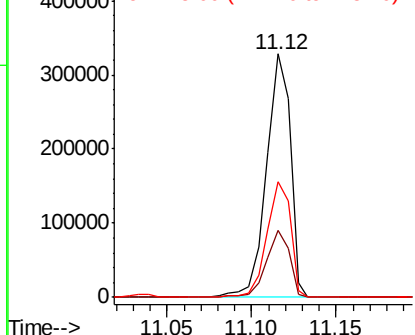
#69
Atrazine
Concen: 48.153 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 321068
Ion Ratio Lower Upper
200 100
173 27.5 6.8 46.8
215 47.3 27.8 67.8

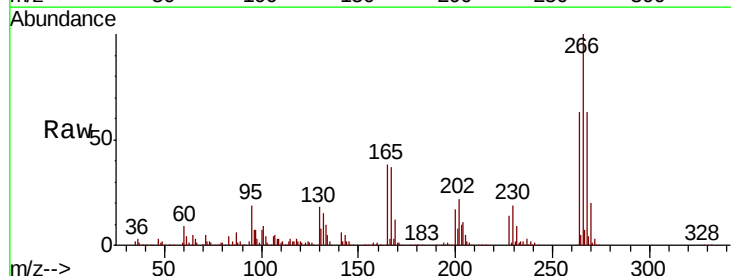


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

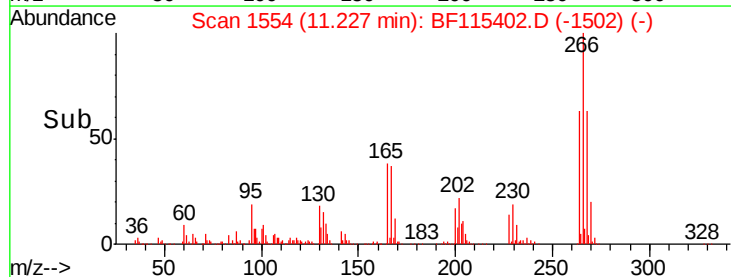
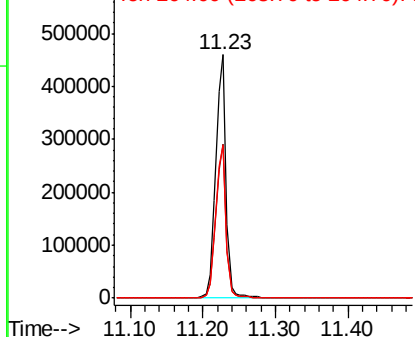


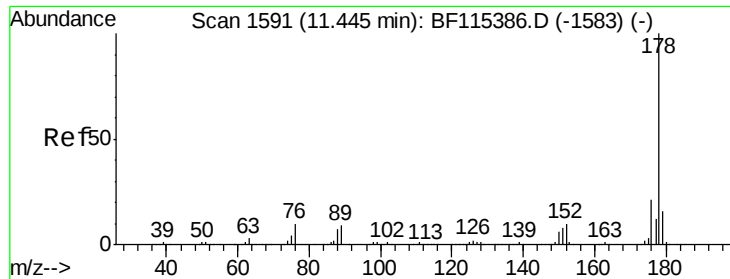
#70
Pentachlorophenol
Concen: 87.438 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:266 Resp: 458777
Ion Ratio Lower Upper
266 100
268 63.5 51.4 77.0
264 62.9 51.8 77.6



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

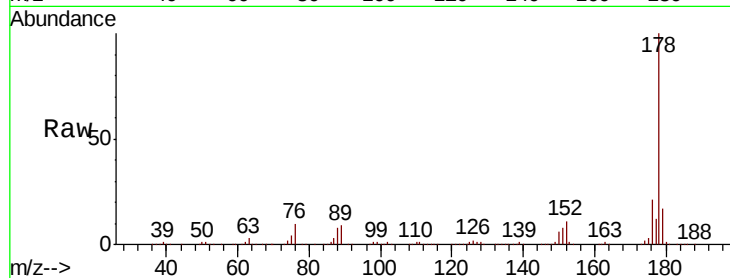




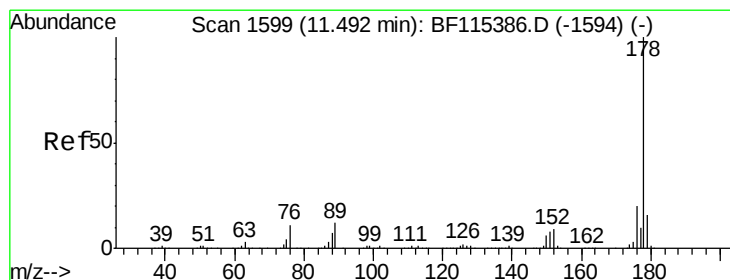
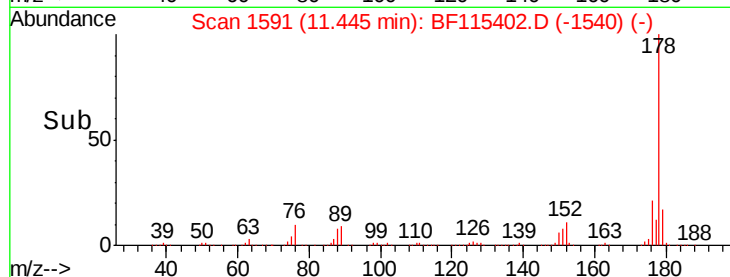
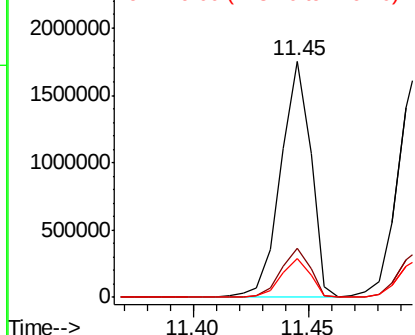
#71
Phenanthrene
Concen: 44.031 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1583418
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 16.7 13.0 19.6

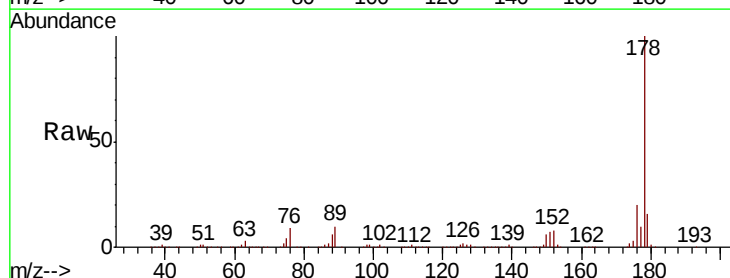


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

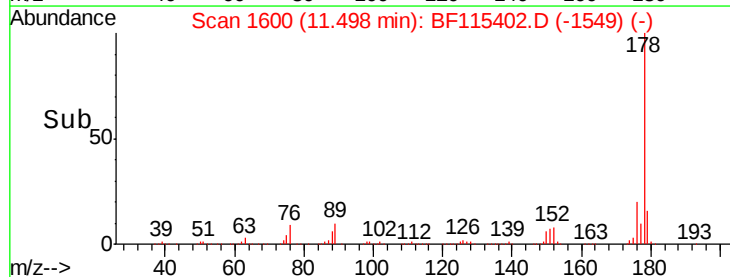
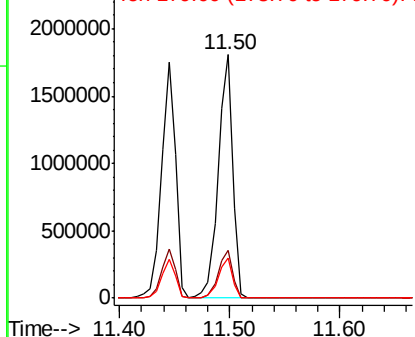


#72
Anthracene
Concen: 45.618 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:178 Resp: 1645052
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.3 13.2 19.8



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

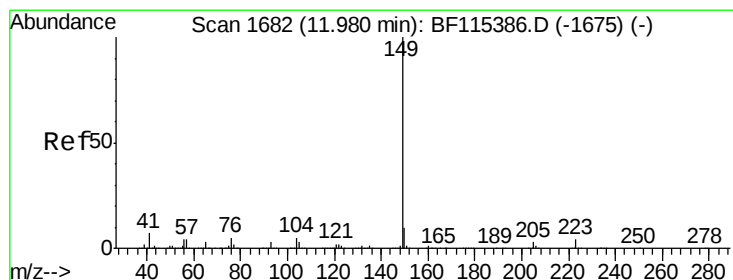
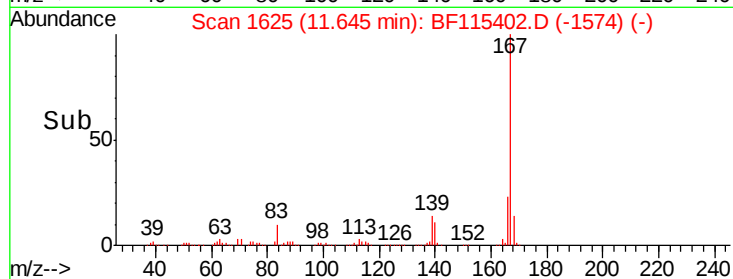
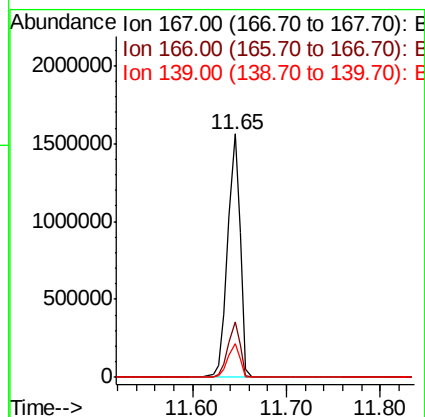
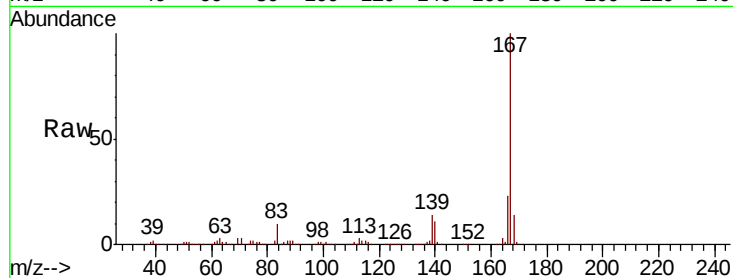




#73
 Carbazole
 Concen: 43.868 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

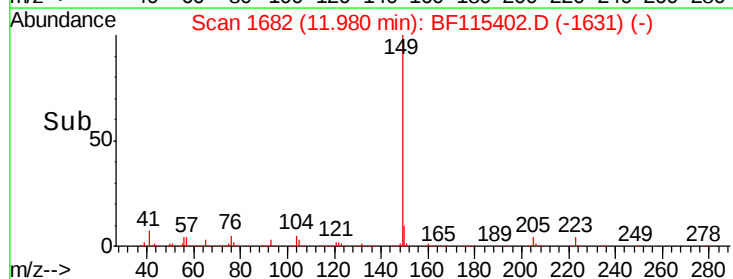
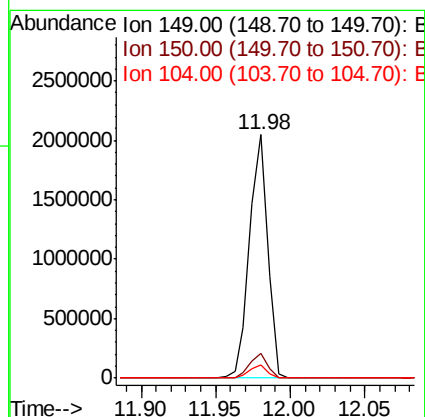
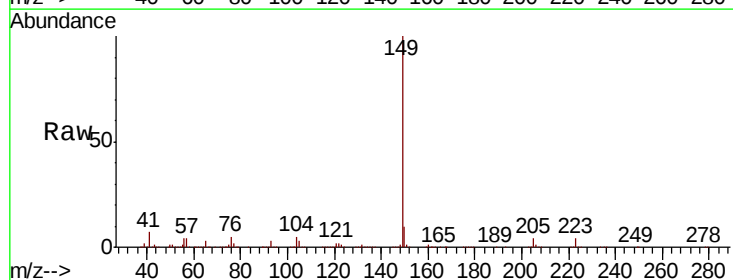
Instrument :
 BNA_F
 ClientSampleId :

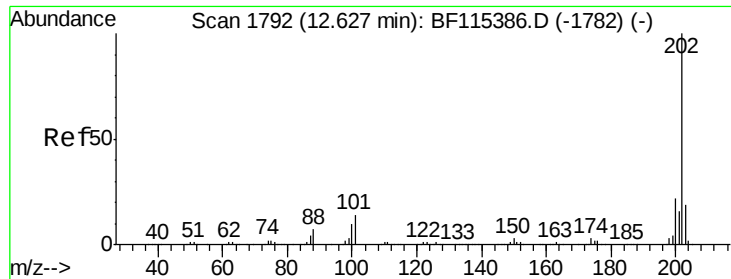
Tot Ion:167 Resp: 1447220
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 43.547 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:149 Resp: 1736274
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.2
 104 5.4 4.4 6.6

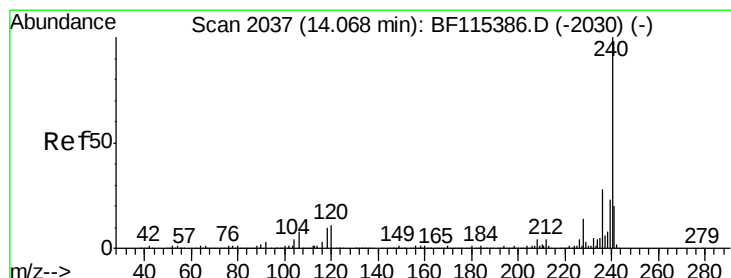
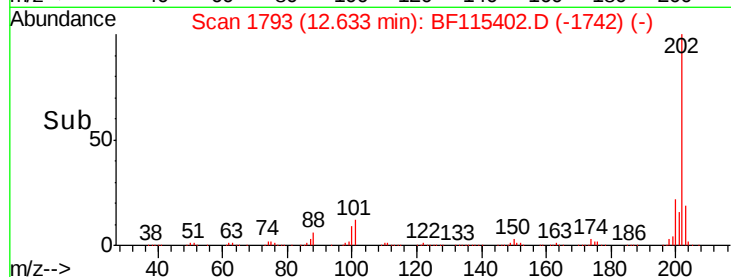
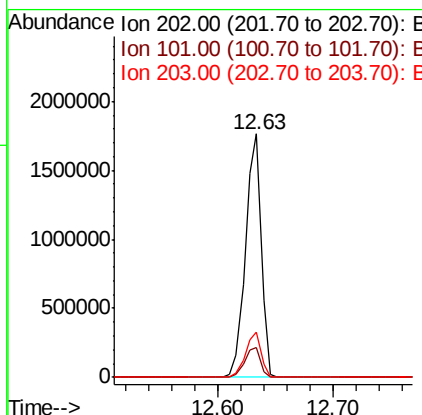
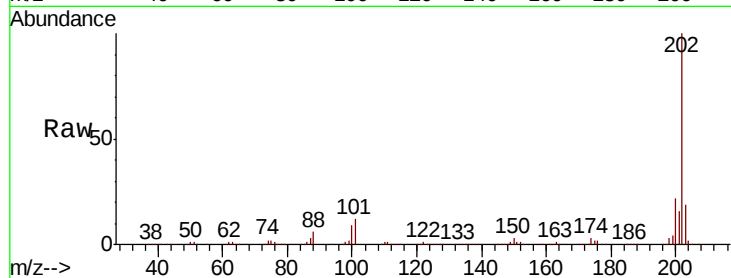




#75
 Fluoranthene
 Concen: 43.782 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

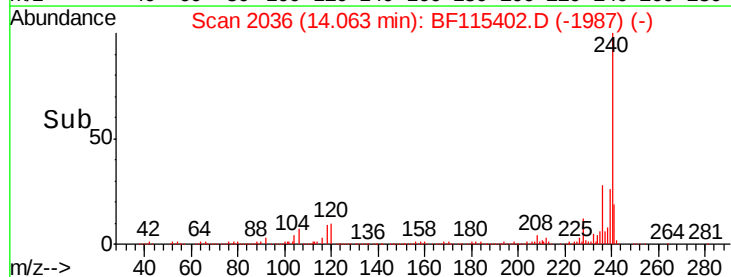
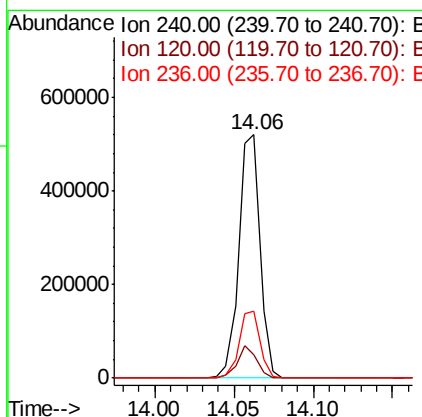
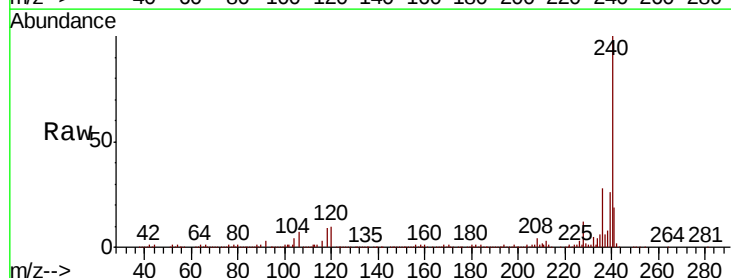
Instrument :
 BNA_F
 ClientSampleId :

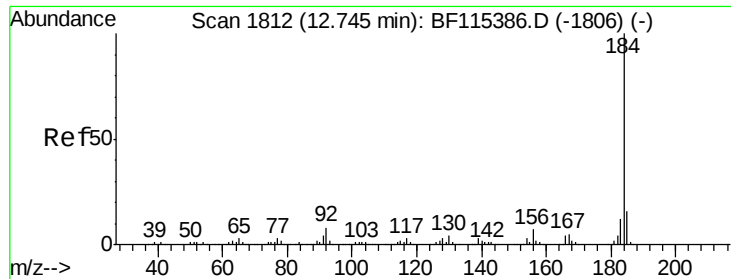
Tot Ion:202 Resp: 1657780
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 33.3
 203 18.7 0.0 38.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:240 Resp: 483332
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.5 15.7#
 236 27.7 21.1 31.7

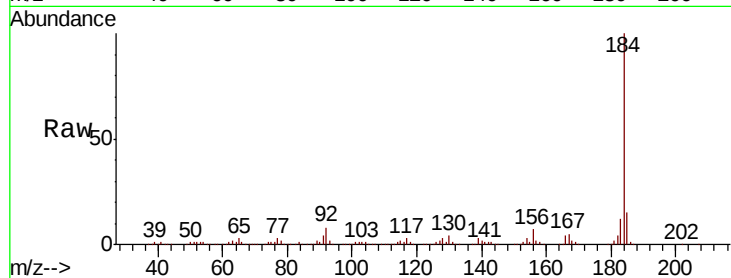




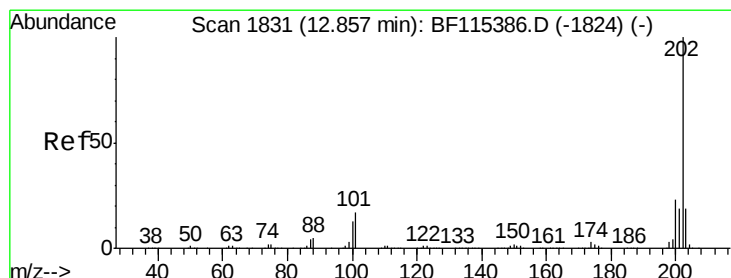
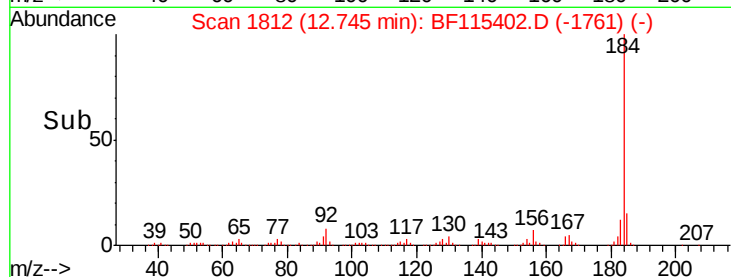
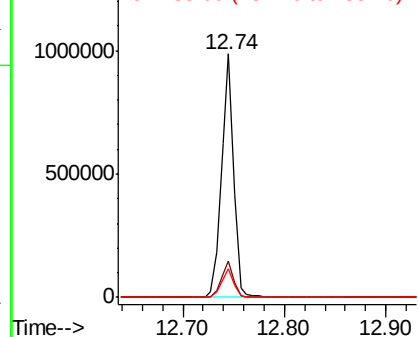
#77
Benzidine
Concen: 43.346 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 816994
Ion Ratio Lower Upper
184 100
185 15.1 12.5 18.7
183 11.7 9.5 14.3

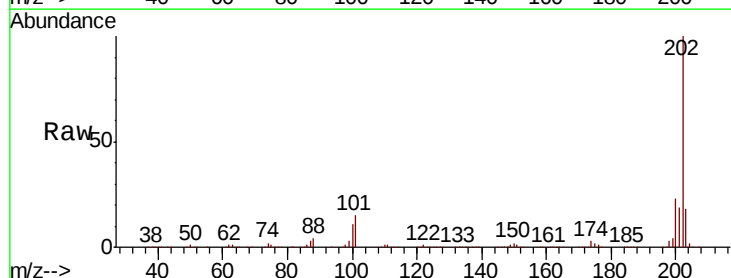


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

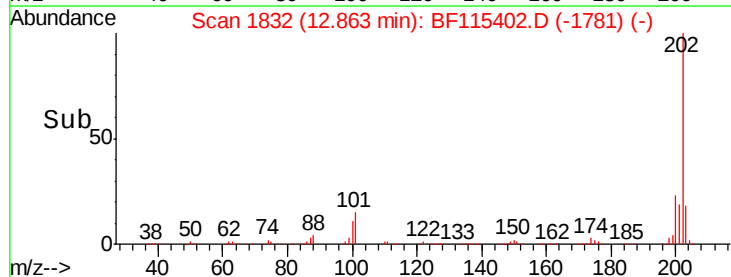
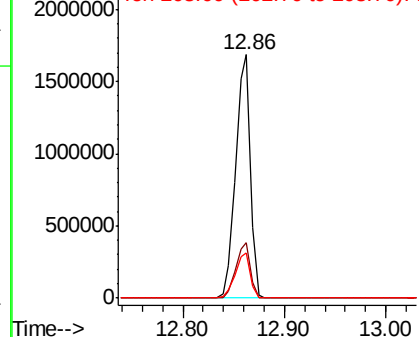


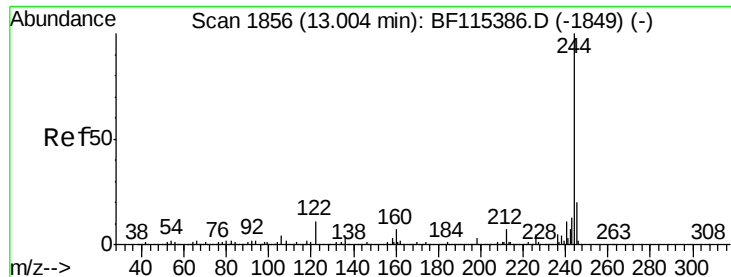
#78
Pyrene
Concen: 44.903 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:202 Resp: 1687739
Ion Ratio Lower Upper
202 100
200 22.8 18.5 27.7
203 18.4 15.1 22.7



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

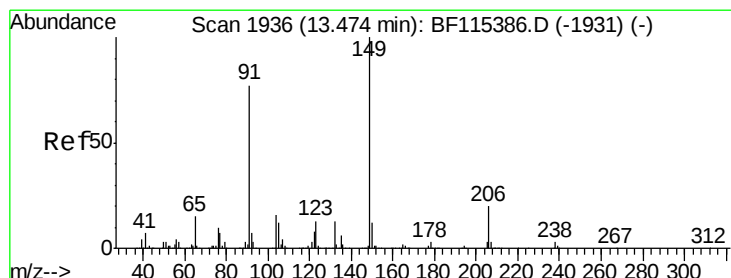
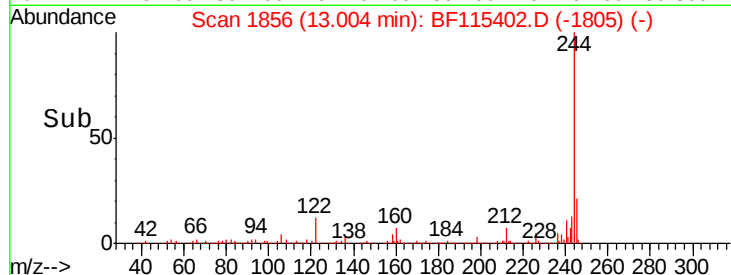
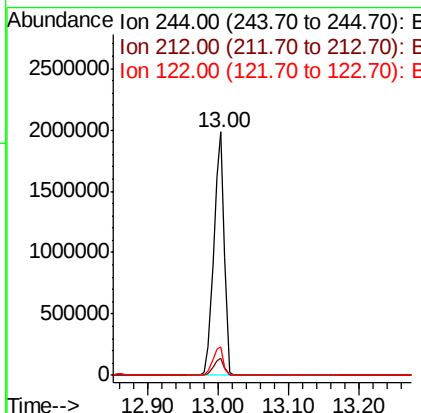
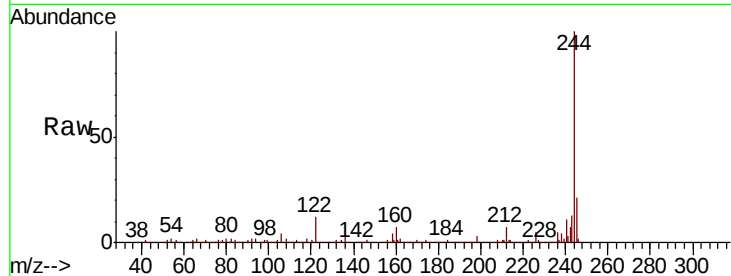




#79
 Terphenyl-d14
 Concen: 86.303 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

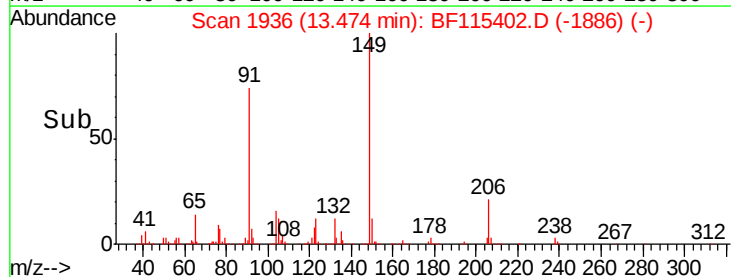
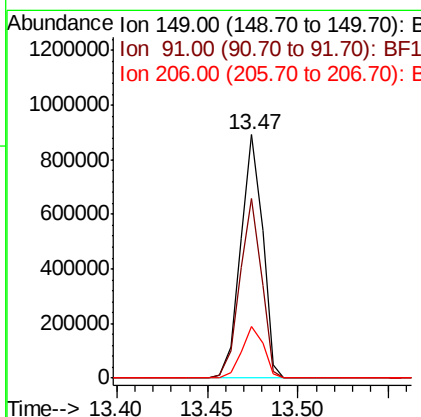
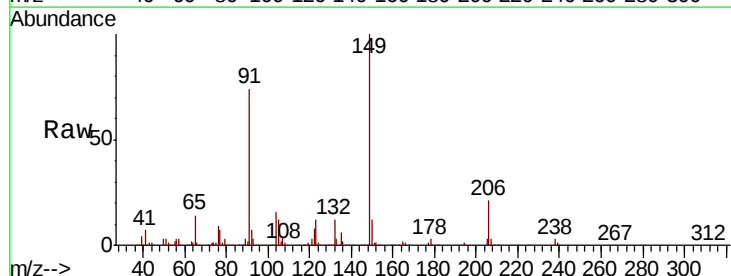
Instrument :
 BNA_F
 ClientSampled :

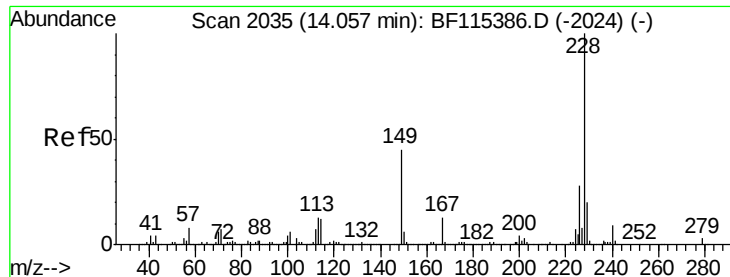
Tot Ion:244 Resp: 2037263
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.9 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 45.624 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:149 Resp: 749247
 Ion Ratio Lower Upper
 149 100
 91 73.8 58.1 87.1
 206 21.2 17.4 26.0

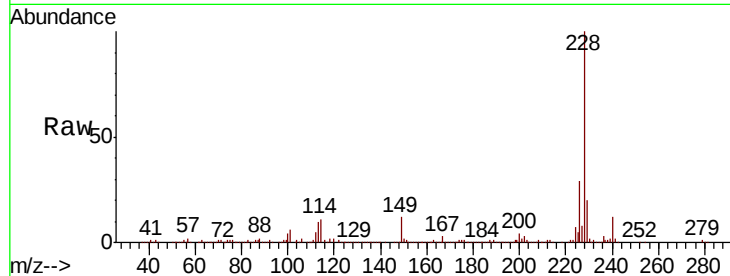




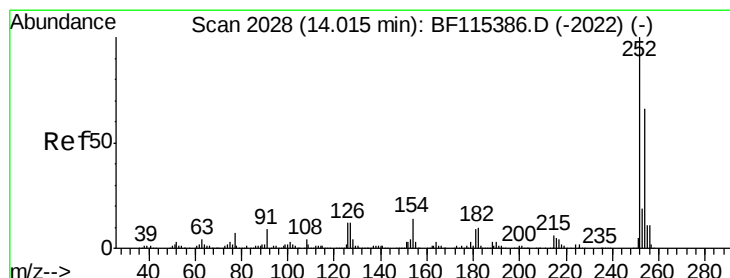
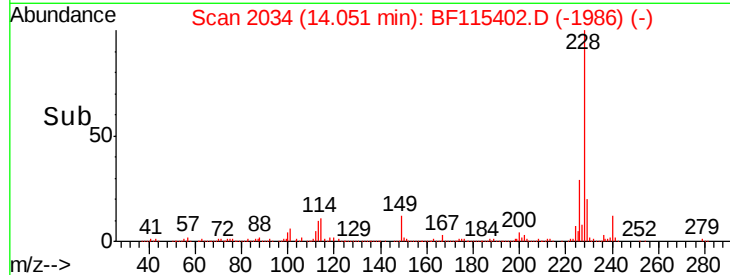
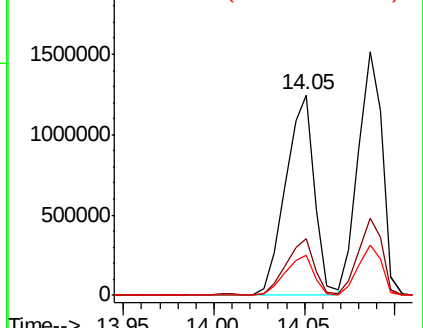
#81
Benzo(a)anthracene
Concen: 44.825 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1388179
Ion Ratio Lower Upper
228 100
226 28.6 23.2 34.8
229 20.1 16.4 24.6

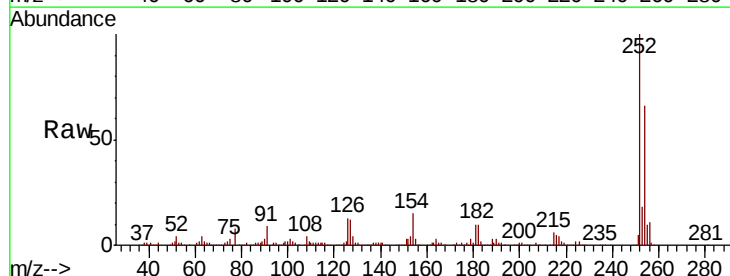


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

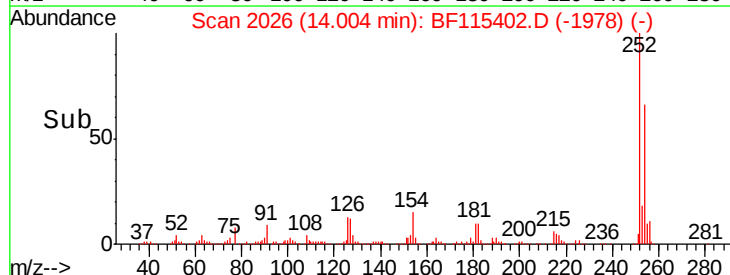
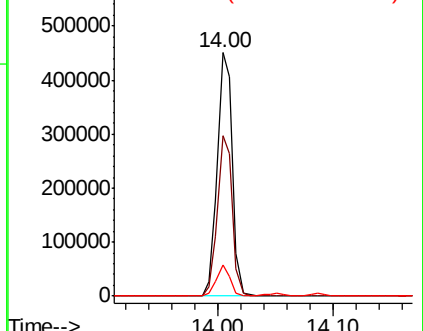


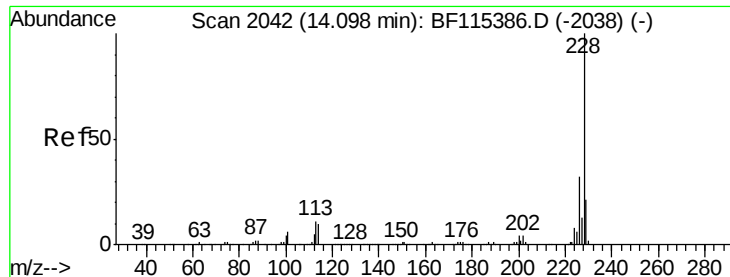
#82
3,3'-Dichlorobenzidine
Concen: 36.299 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:252 Resp: 407900
Ion Ratio Lower Upper
252 100
254 65.7 52.2 78.4
126 12.9 10.7 16.1



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

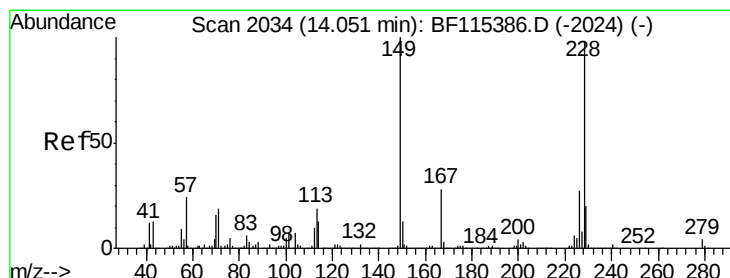
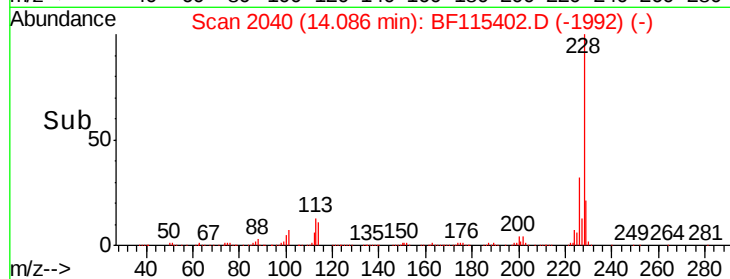
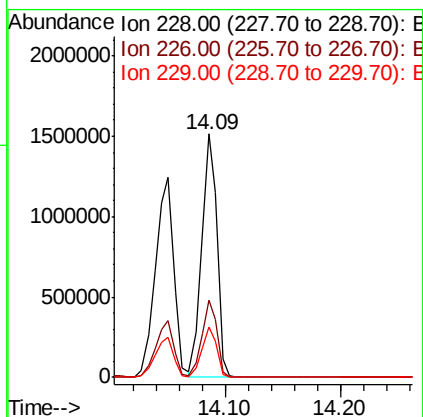
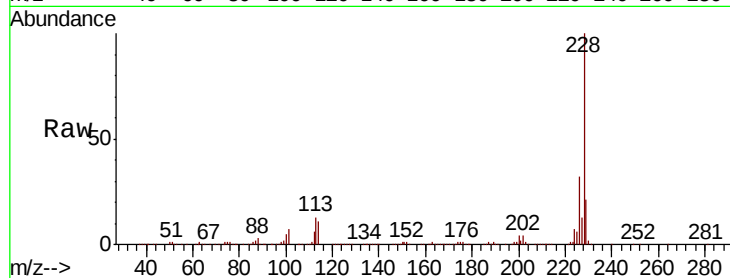




#83
 Chrvsene
 Concen: 44.281 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

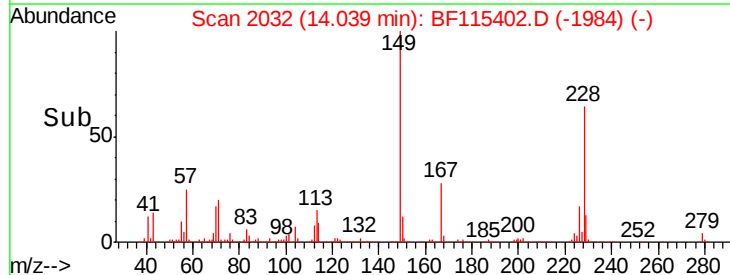
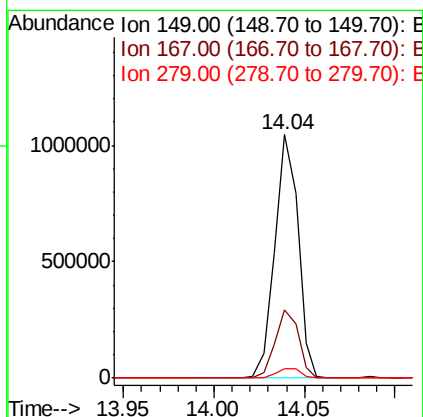
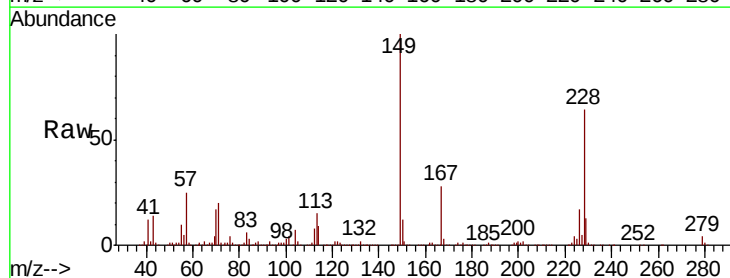
Instrument :
 BNA_F
 ClientSampleId :

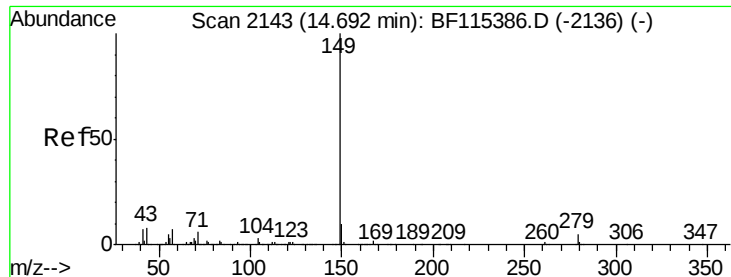
Tot Ion:228 Resp: 1408993
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.7 38.5
 229 20.7 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.064 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:149 Resp: 936831
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 33.8
 279 4.0 3.6 5.4

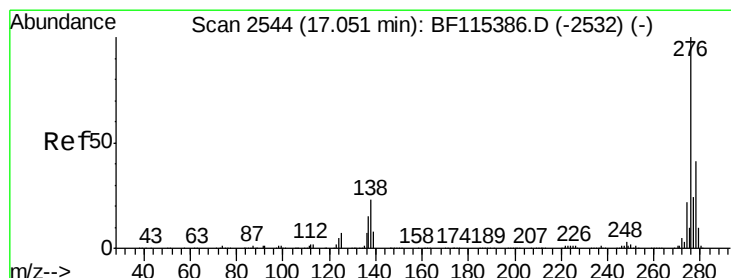
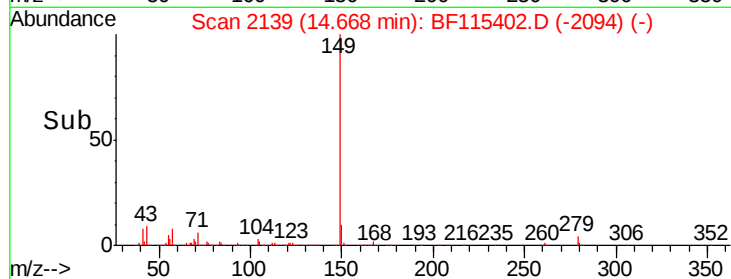
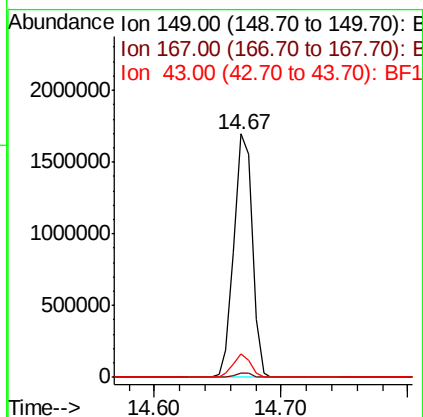
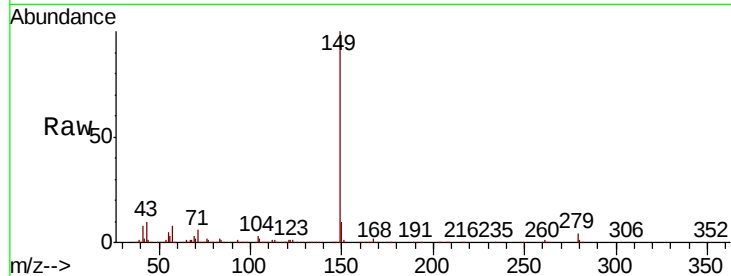




#85
 Di-n-octyl phthalate
 Concen: 46.603 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.04 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

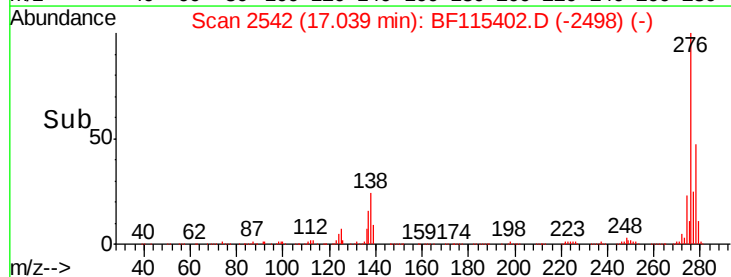
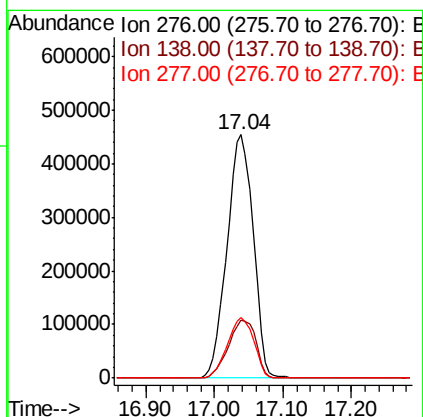
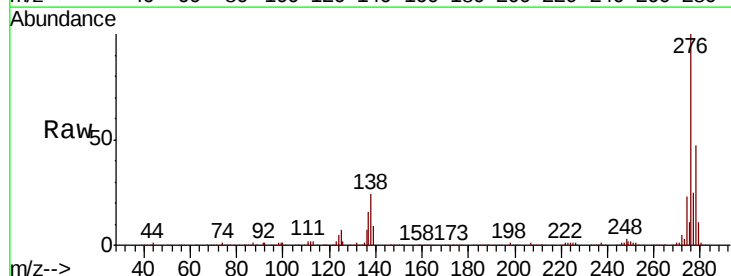
Instrument :
 BNA_F
 ClientSampled :

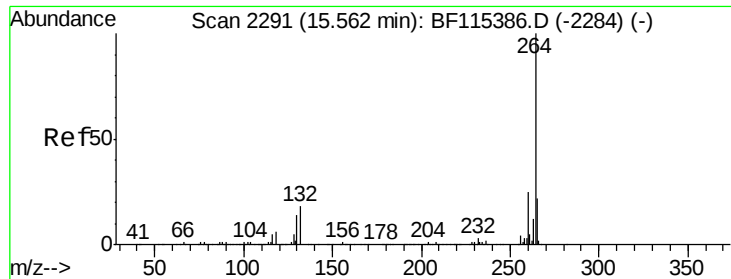
Tot Ion:149 Resp: 1687265
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.1 7.4 11.0



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.514 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. -0.04 min
 Lab File: BF115402.D
 Acq: 8 Jul 2019 13:15

Tgt Ion:276 Resp: 1207037
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.4 30.6
 277 25.1 20.2 30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.04 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

Instrument :

BNA_F

ClientSampled :

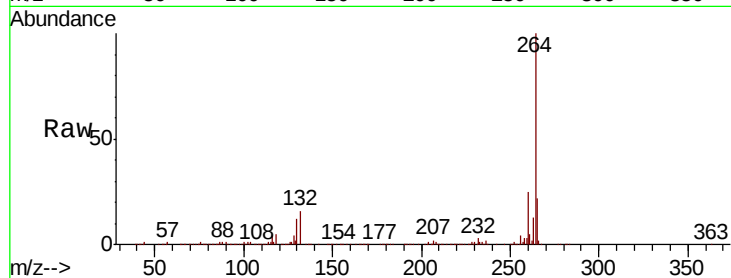
Tot Ion:264 Resp: 461455

Ion Ratio Lower Upper

264 100

260 24.7 20.3 30.5

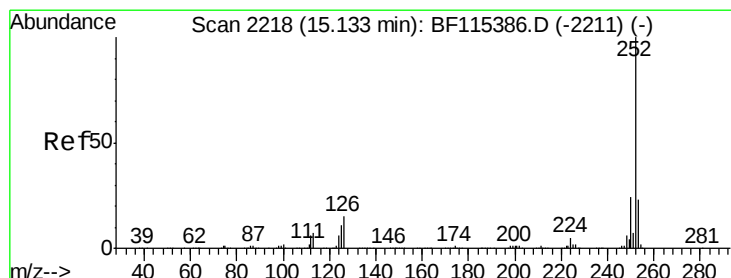
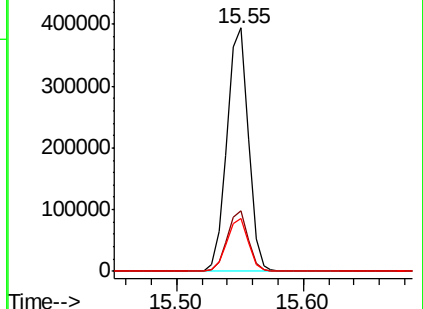
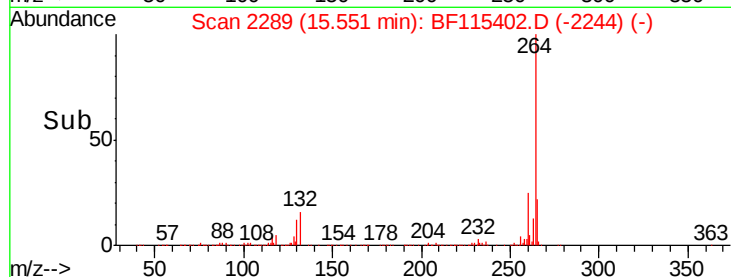
265 21.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.368 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.03 min

Lab File: BF115402.D

Acq: 8 Jul 2019 13:15

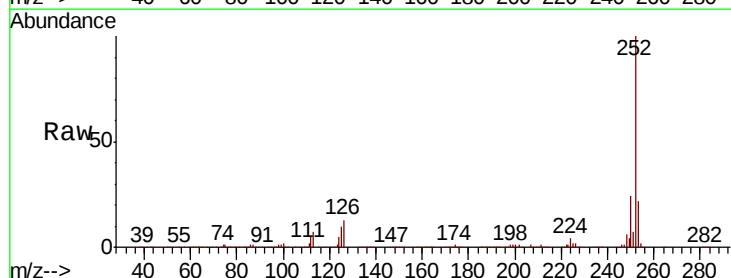
Tgt Ion:252 Resp: 1333017

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

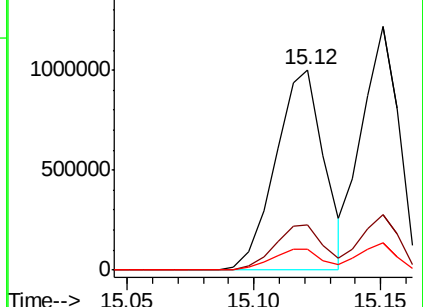
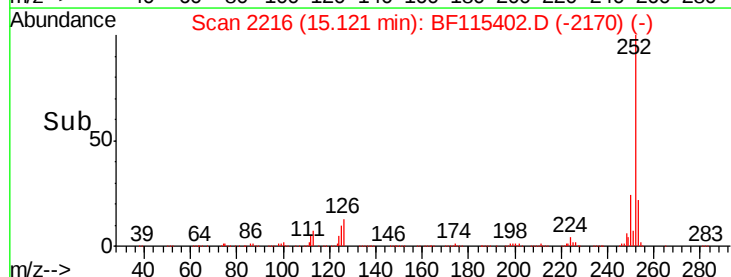
125 10.4 9.0 13.4

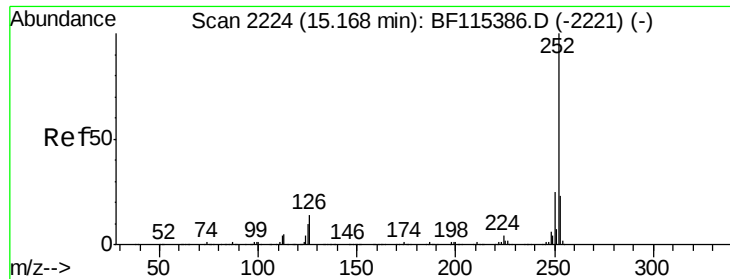


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

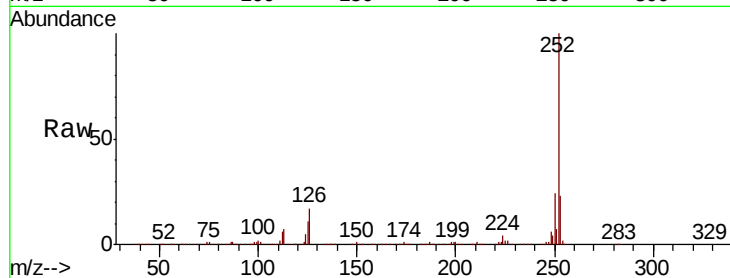




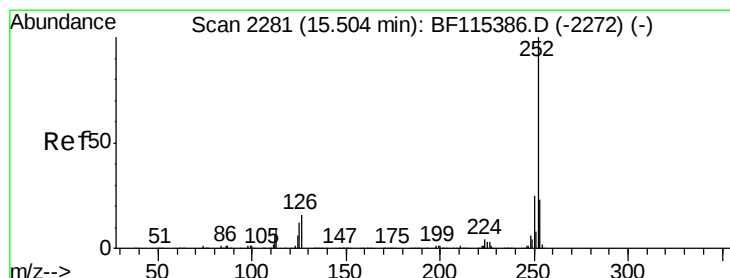
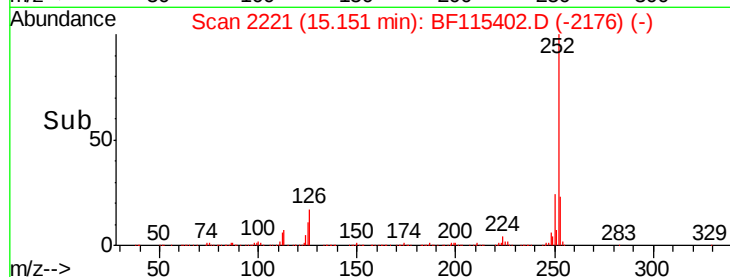
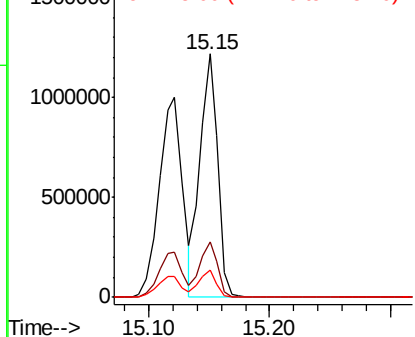
#89
Benzo(k)fluoranthene
Concen: 46.423 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1240423
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.3 8.2 12.4

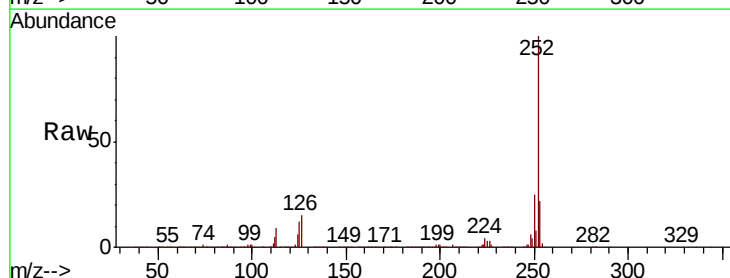


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

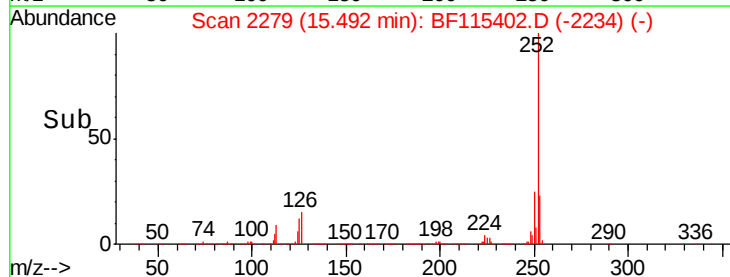
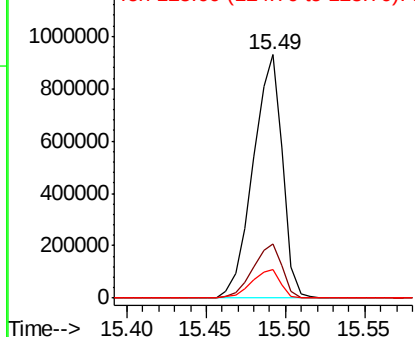


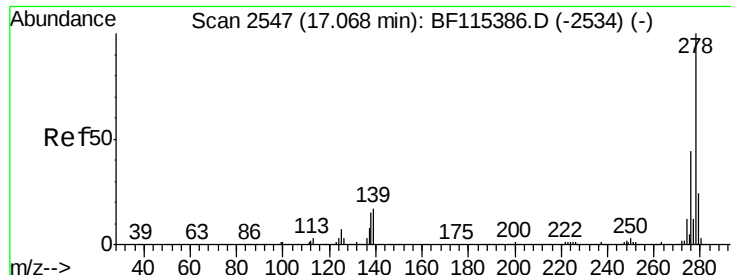
#90
Benzo(a)pyrene
Concen: 46.251 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:252 Resp: 1198543
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.6 9.0 13.4



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

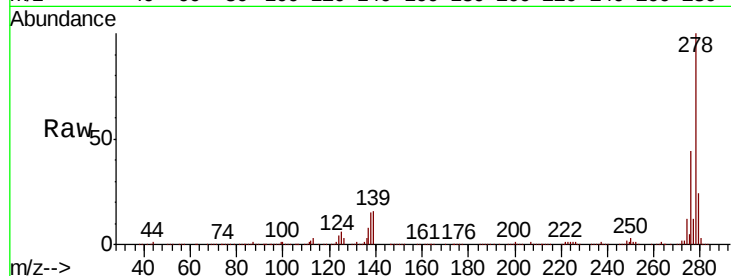




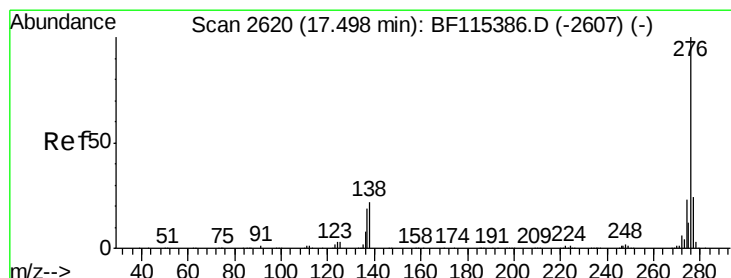
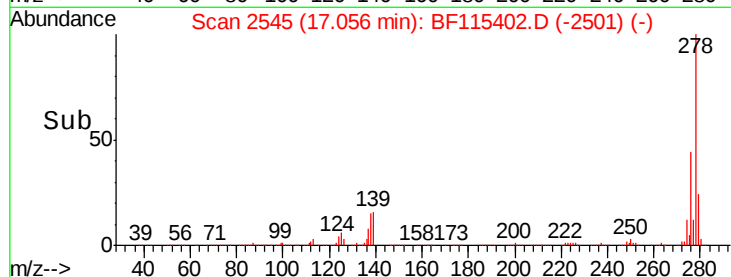
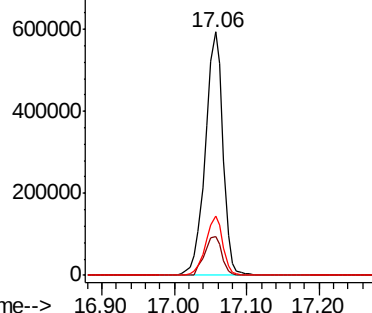
#91
Dibenzo(a,h)anthracene
Concen: 45.569 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.04 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1009094
Ion Ratio Lower Upper
278 100
139 15.9 13.4 20.2
279 24.2 20.0 30.0

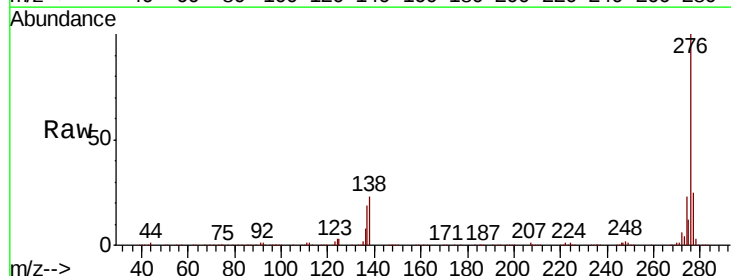


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.890 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.05 min
Lab File: BF115402.D
Acq: 8 Jul 2019 13:15

Tgt Ion:276 Resp: 982804
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 22.9 17.6 26.4



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

