

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115740.D
 Acq On : 24 Jul 2019 8:53
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167340	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	723666	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	374516	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	731740	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	496818	20.00	ng	-0.01
87) Perylene-d12	15.52	264	473859	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	800204	78.22	ng	0.00
7) Phenol-d6	6.51	99	1026268	79.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	960659	77.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	327550	74.93	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1691557	79.05	ng	-0.02
79) Terphenyl-d14	12.98	244	1966423	73.03	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	190475	37.325	ng	98
3) Pyridine	3.42	79	523217	37.790	ng	99
4) n-Nitrosodimethylamine	3.36	42	201408	40.099	ng	89
6) Aniline	6.54	93	712792	39.457	ng	99
8) 2-Chlorophenol	6.66	128	468091	39.796	ng	98
9) Benzaldehyde	6.42	77	317893	39.188	ng	99
10) Phenol	6.52	94	595195	39.497	ng	89
11) bis(2-Chloroethyl)ether	6.61	93	456627	39.800	ng	99
12) 1,3-Dichlorobenzene	6.82	146	510081	38.571	ng	98
13) 1,4-Dichlorobenzene	6.89	146	513485	38.916	ng	98
14) 1,2-Dichlorobenzene	7.05	146	482293	39.986	ng	98
15) Benzyl Alcohol	7.02	79	407029	39.526	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	633722	41.955	ng	98
17) 2-Methylphenol	7.13	107	395958	39.063	ng	98
18) Hexachloroethane	7.39	117	193640	39.539	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	337502	39.865	ng	99
20) 3+4-Methylphenols	7.28	107	465049	38.625	ng	92
22) Acetophenone	7.29	105	621647	38.024	ng	# 94
24) Nitrobenzene	7.46	77	526619	39.231	ng	97
25) Isophorone	7.70	82	966334	38.803	ng	100
26) 2-Nitrophenol	7.77	139	264701	38.311	ng	96
27) 2,4-Dimethylphenol	7.81	122	380588	36.814	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	604595	39.573	ng	99
29) 2,4-Dichlorophenol	8.02	162	415922	38.685	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	458225	37.704	ng	98
31) Naphthalene	8.18	128	1353575	38.621	ng	97
32) Benzoic acid	7.94	122	278381	32.812	ng	96
33) 4-Chloroaniline	8.22	127	606437	39.064	ng	99
34) Hexachlorobutadiene	8.30	225	269353	38.648	ng	99
35) Caprolactam	8.60	113	131644	39.624	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	438026	39.276	ng	98
37) 2-Methylnaphthalene	8.87	142	911345	39.228	ng	97
38) 1-Methylnaphthalene	8.97	142	872207	39.526	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	419289	37.178	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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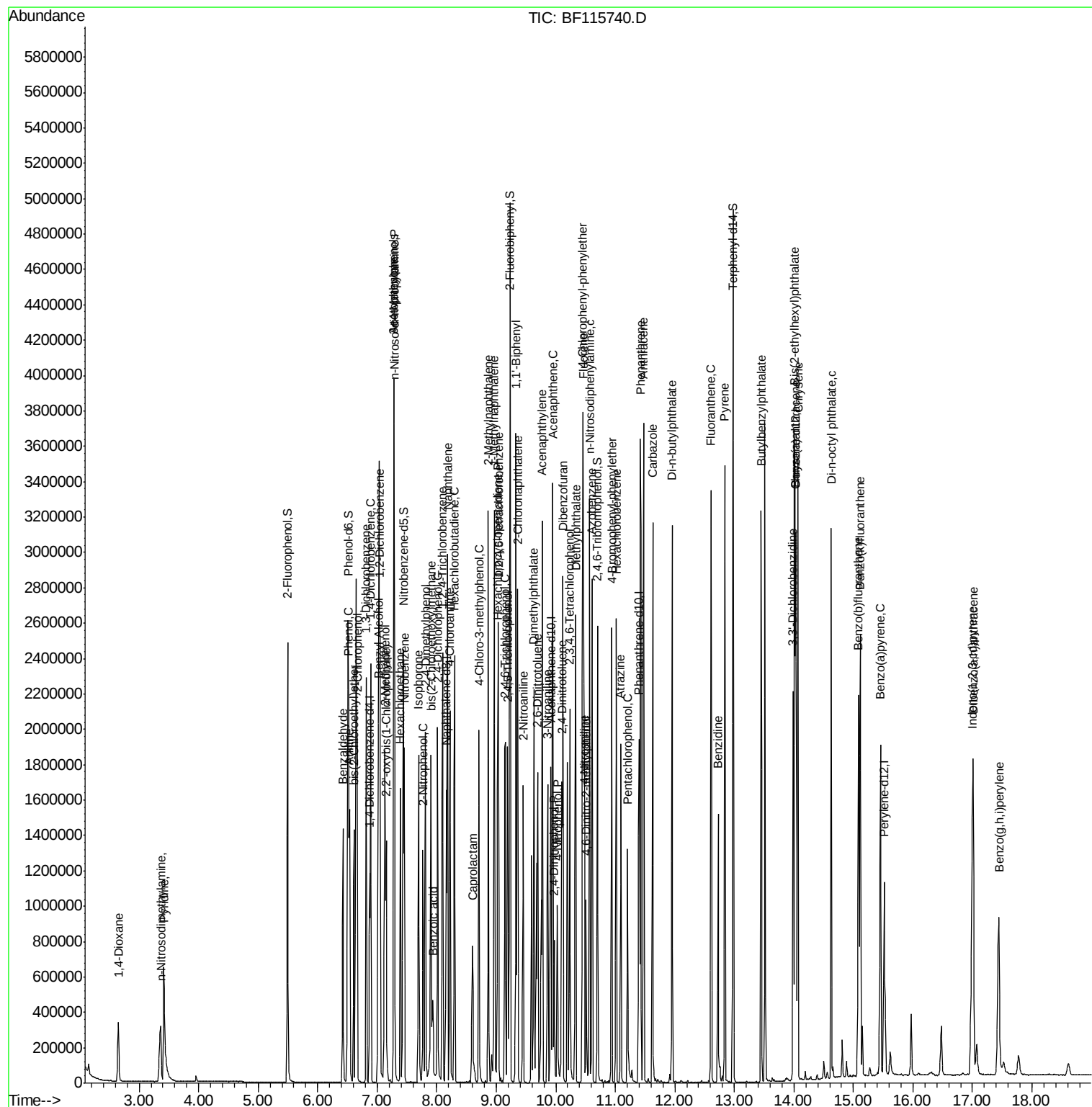
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	273923	42.578	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	293924	35.638	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	313171	37.078	ng	98
46) 1,1'-Biphenyl	9.33	154	1118441	38.199	ng	97
47) 2-Chloronaphthalene	9.36	162	921686	37.806	ng	96
48) 2-Nitroaniline	9.45	65	298912	39.613	ng	96
49) Acenaphthylene	9.77	152	1388340	38.432	ng	98
50) Dimethylphthalate	9.63	163	1104158	39.186	ng	99
51) 2,6-Dinitrotoluene	9.70	165	244555	38.191	ng	94
52) Acenaphthene	9.95	154	841612	36.086	ng	99
53) 3-Nitroaniline	9.86	138	281624	38.486	ng	97
54) 2,4-Dinitrophenol	9.97	184	109217	33.220	ng	98
55) Dibenzofuran	10.12	168	1234180	37.263	ng	99
56) 4-Nitrophenol	10.03	139	195842	35.097	ng	97
57) 2,4-Dinitrotoluene	10.10	165	326817	39.394	ng	91
58) Fluorene	10.46	166	928835	39.229	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	268711	38.057	ng	99
60) Diethylphthalate	10.33	149	1076334	40.769	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	487796	37.150	ng	96
62) 4-Nitroaniline	10.48	138	280003	39.891	ng	95
63) Azobenzene	10.61	77	1058078	41.318	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	152267	34.059	ng	96
66) n-Nitrosodiphenylamine	10.57	169	867858	38.128	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	318878	38.134	ng	99
68) Hexachlorobenzene	11.02	284	355041	37.179	ng	95
69) Atrazine	11.10	200	259955	34.813	ng	99
70) Pentachlorophenol	11.20	266	187145	32.042	ng	99
71) Phenanthrene	11.42	178	1416080	37.754	ng	98
72) Anthracene	11.47	178	1449227	37.386	ng	99
73) Carbazole	11.63	167	1305737	38.412	ng	99
74) Di-n-butylphthalate	11.96	149	1689875	40.359	ng	100
75) Fluoranthene	12.62	202	1482837	37.411	ng	99
77) Benzidine	12.73	184	625837	35.559	ng	100
78) Pyrene	12.84	202	1510577	35.887	ng	99
80) Butylbenzylphthalate	13.45	149	718479	40.041	ng	96
81) Benzo(a)anthracene	14.03	228	1257663	38.425	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	455441	39.142	ng	98
83) Chrysene	14.07	228	1212131	36.891	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	975412	43.885	ng	# 99
85) Di-n-octyl phthalate	14.63	149	1530661	43.282	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1068420	38.275	ng	99
88) Benzo(b)fluoranthene	15.09	252	1089635	35.711	ng	99
89) Benzo(k)fluoranthene	15.12	252	1063069	39.078	ng	99
90) Benzo(a)pyrene	15.46	252	975037	37.179	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	892036	38.745	ng	98
92) Benzo(g,h,i)perylene	17.44	276	833768	36.311	ng	99

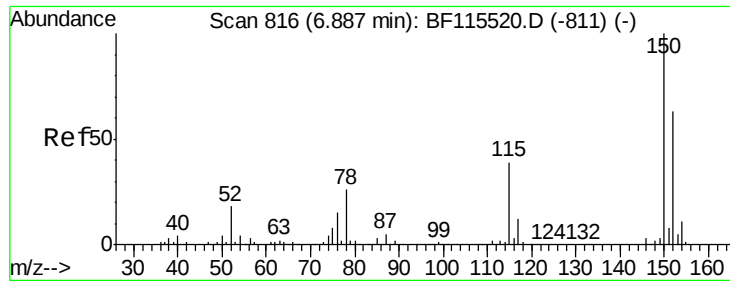
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampled :

Quant Time: Jul 24 09:31:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
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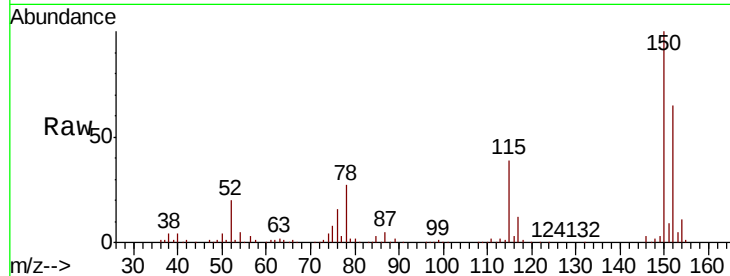


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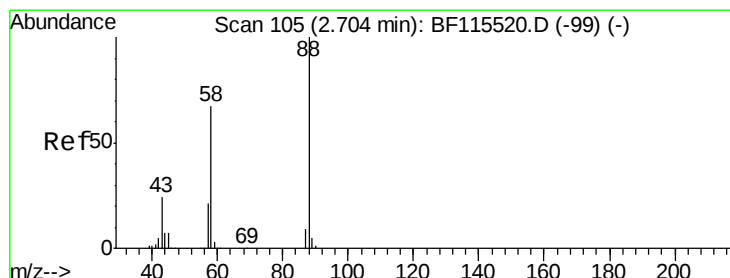
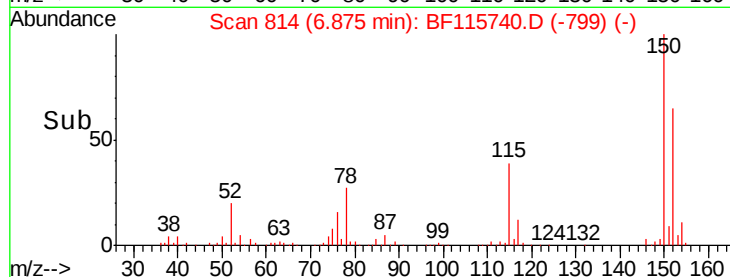
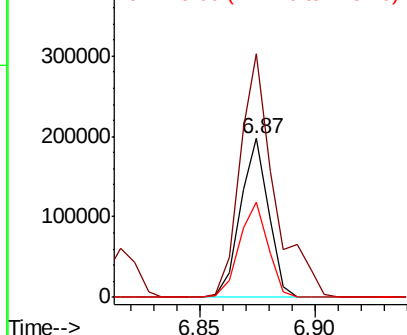
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167340
Ion Ratio Lower Upper
152 100
150 153.5 129.7 194.5
115 60.2 48.2 72.4



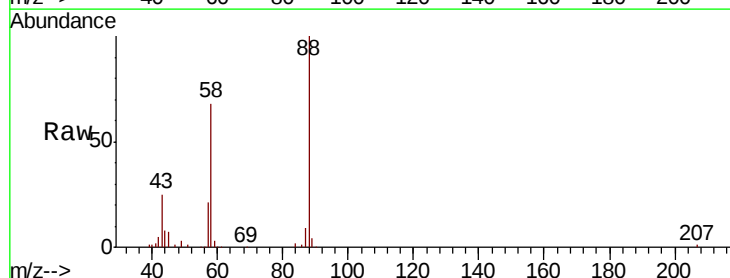
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



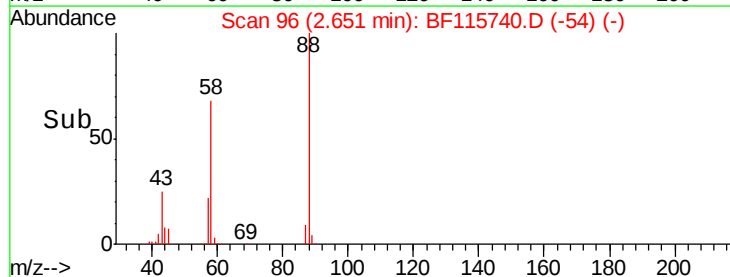
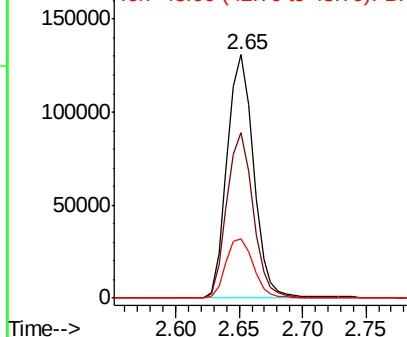
#2

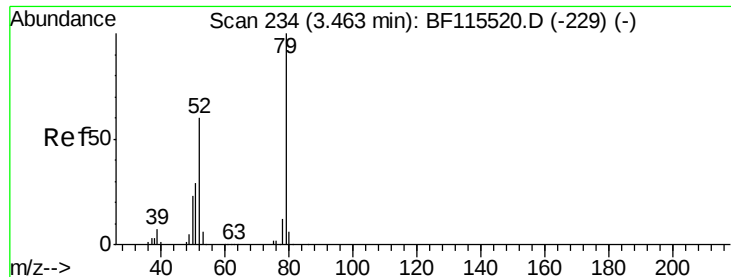
1,4-Dioxane
Concen: 37.325 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.05 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion: 88 Resp: 190475
Ion Ratio Lower Upper
88 100
58 67.2 52.6 79.0
43 25.6 19.1 28.7



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

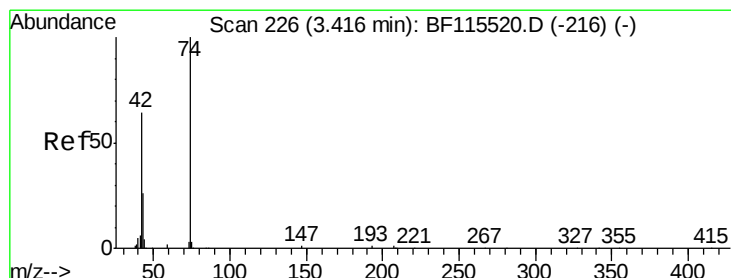
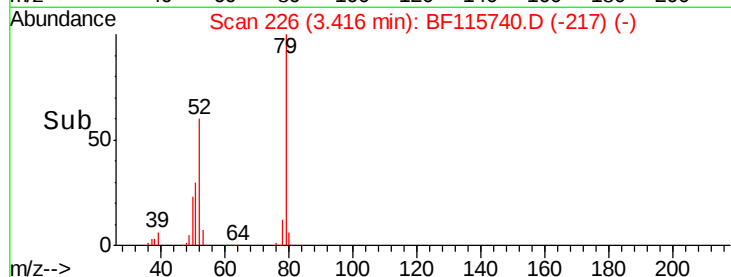
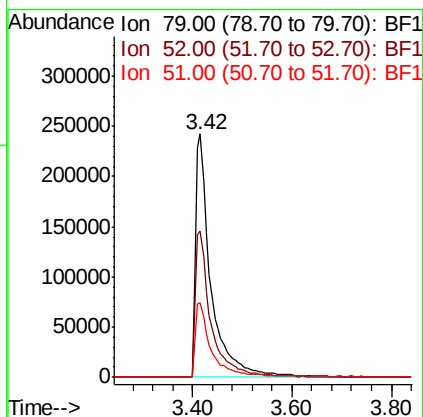
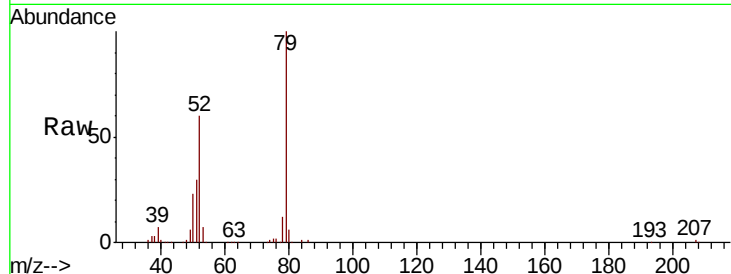




#3
 Pvridine
 Concen: 37.790 ng
 RT: 3.42 min Scan# 226
 Delta R.T. -0.05 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

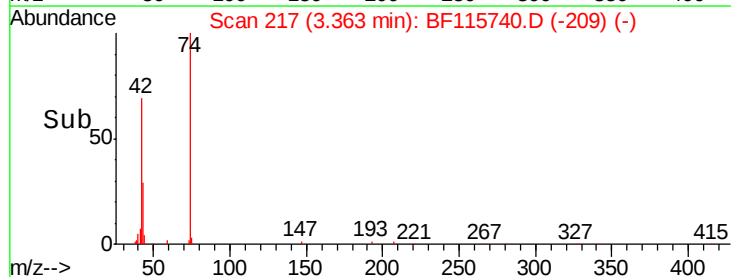
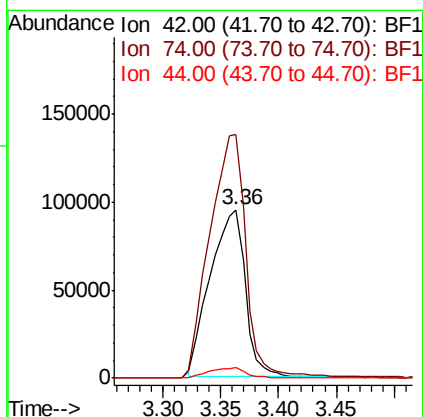
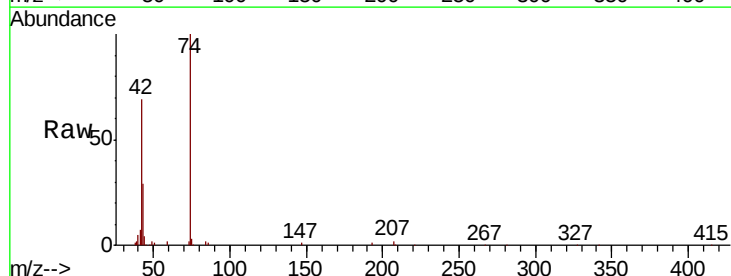
Instrument :
 BNA_F
 ClientSampleId :

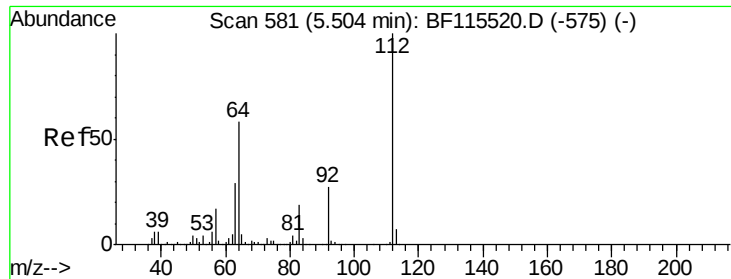
Tot Ion: 79 Resp: 523217
 Ion Ratio Lower Upper
 79 100
 52 59.9 47.8 71.6
 51 30.5 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 40.099 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.05 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion: 42 Resp: 201408
 Ion Ratio Lower Upper
 42 100
 74 144.4 127.5 191.3
 44 6.2 5.0 7.6





#5

2-Fluorophenol

Concen: 78.218 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

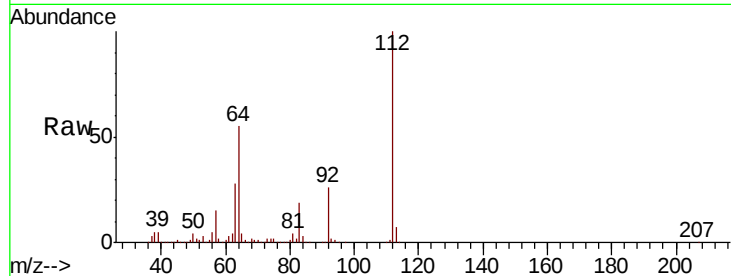
Tot Ion:112 Resp: 800204

Ion Ratio Lower Upper

112 100

64 54.8 46.8 70.2

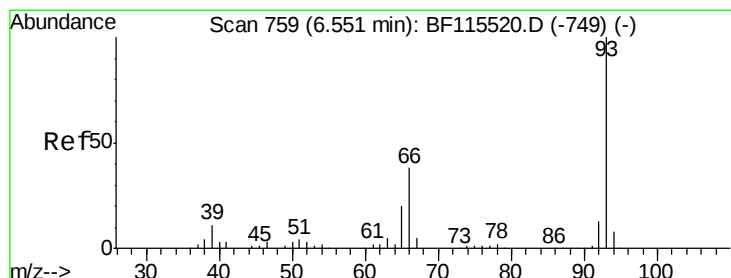
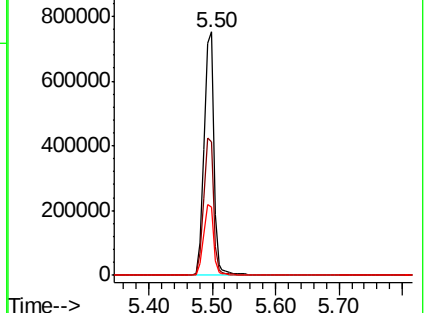
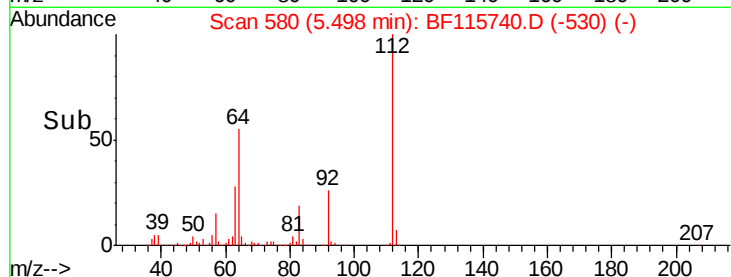
63 28.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF115740.D (-530) (-)

Ion 64.00 (63.70 to 64.70): BF115740.D (-530) (-)

Ion 63.00 (62.70 to 63.70): BF115740.D (-530) (-)



#6

Aniline

Concen: 39.457 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

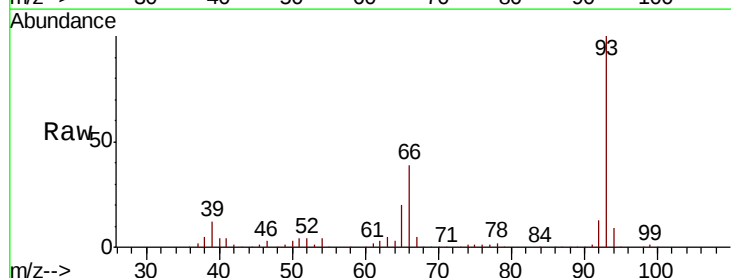
Tgt Ion: 93 Resp: 712792

Ion Ratio Lower Upper

93 100

66 38.6 31.7 47.5

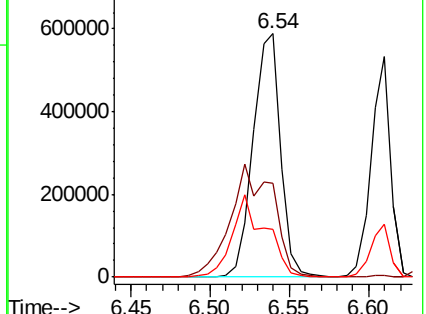
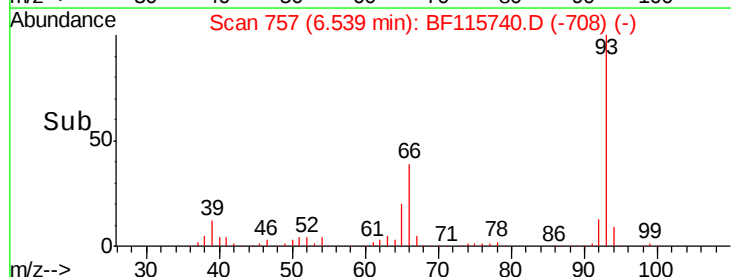
65 19.8 16.2 24.2

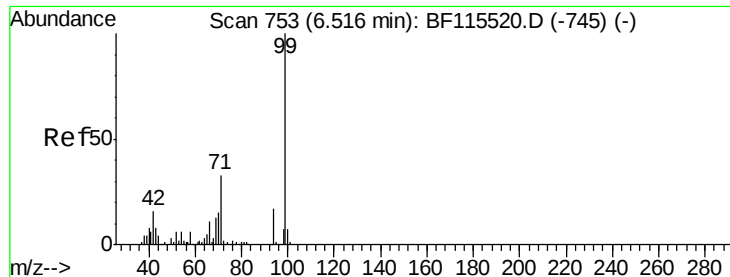


Abundance Ion 93.00 (92.70 to 93.70): BF115740.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BF115740.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BF115740.D (-708) (-)





#7

Phenol-d6

Concen: 79.058 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampled :

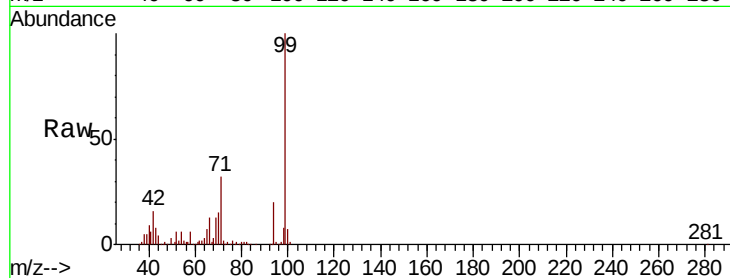
Tot Ion: 99 Resp: 1026268

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

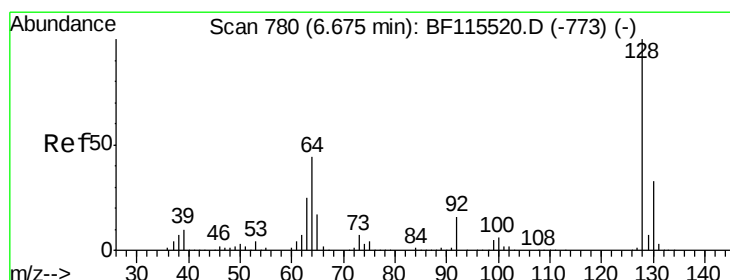
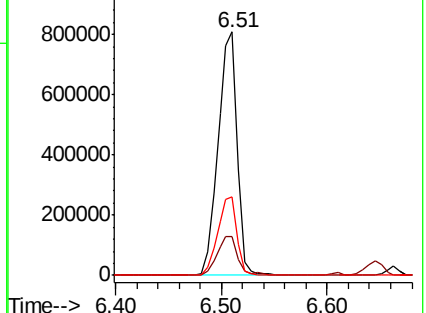
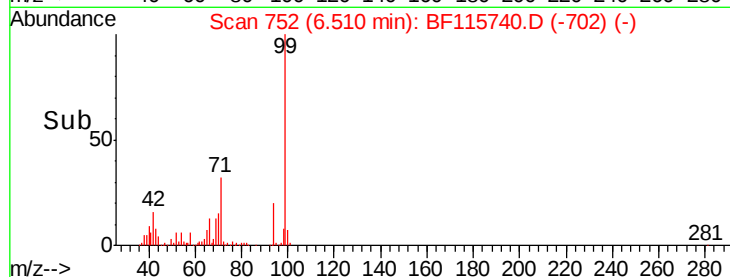
71 32.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.796 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

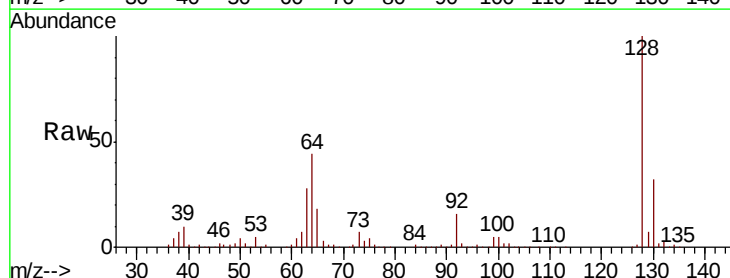
Tgt Ion: 128 Resp: 468091

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

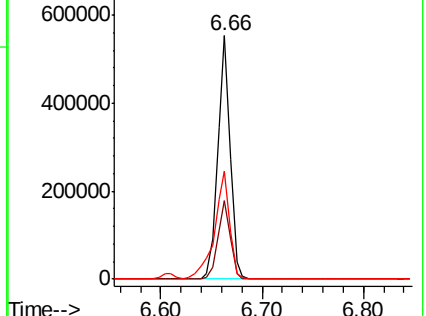
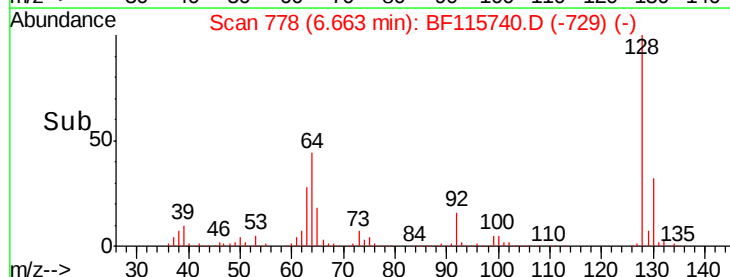
64 44.4 26.8 66.8

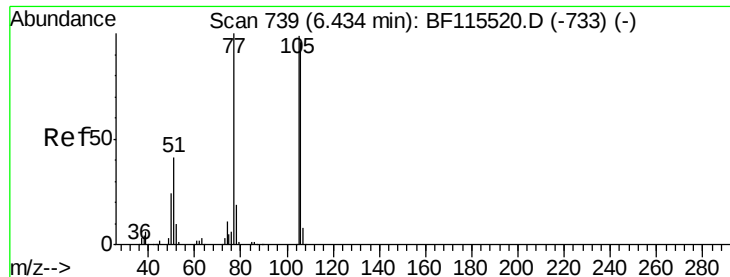


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.188 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

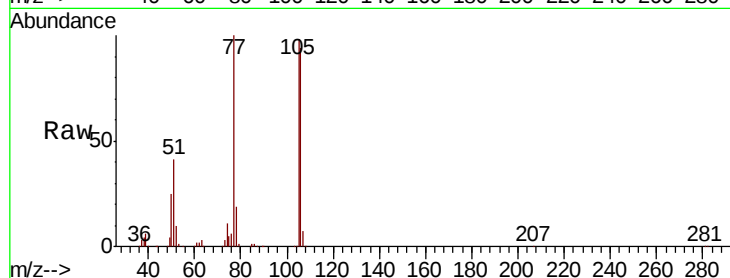
Tot Ion: 77 Resp: 317893

Ion Ratio Lower Upper

77 100

105 97.6 78.8 118.8

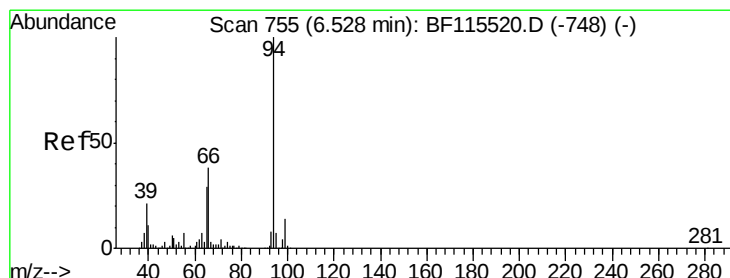
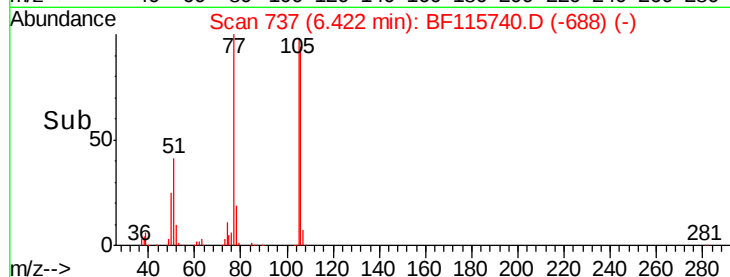
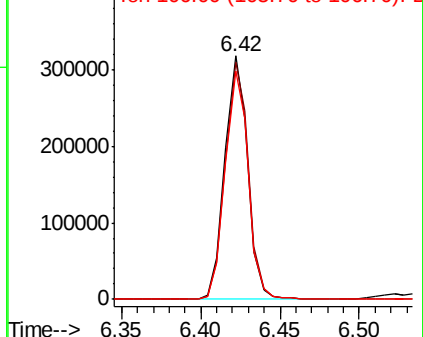
106 93.9 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.497 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

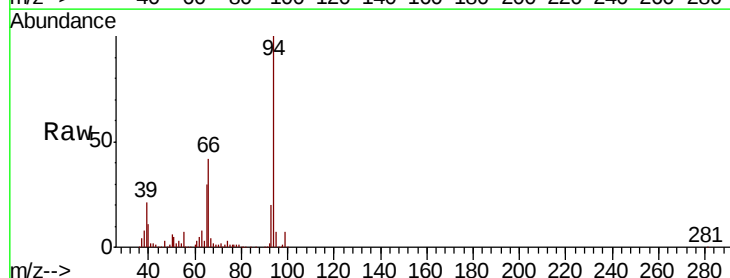
Tgt Ion: 94 Resp: 595195

Ion Ratio Lower Upper

94 100

65 30.2 14.5 54.5

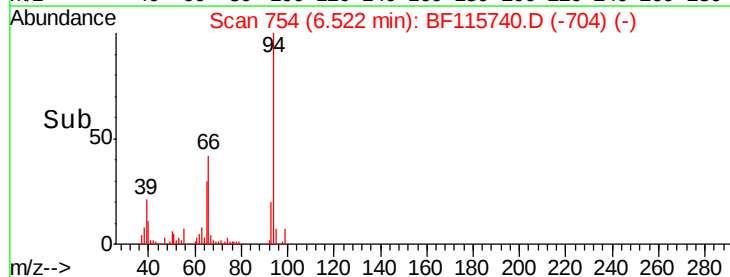
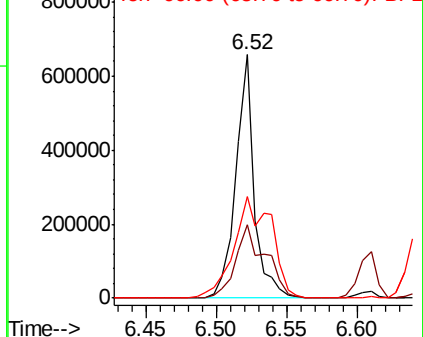
66 41.7 31.3 71.3

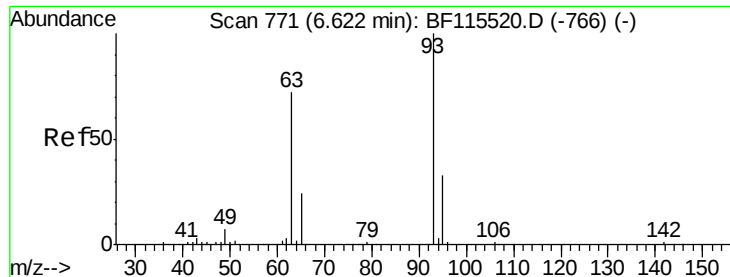


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

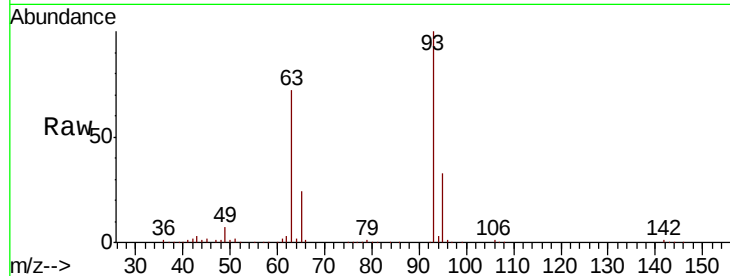




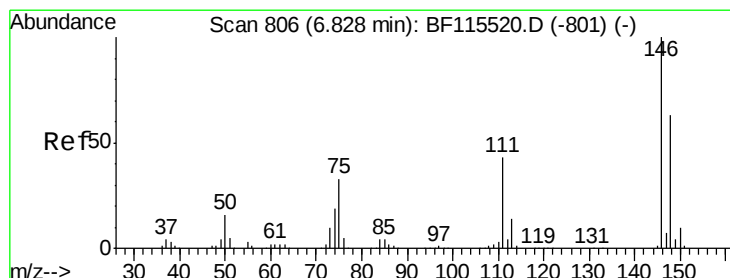
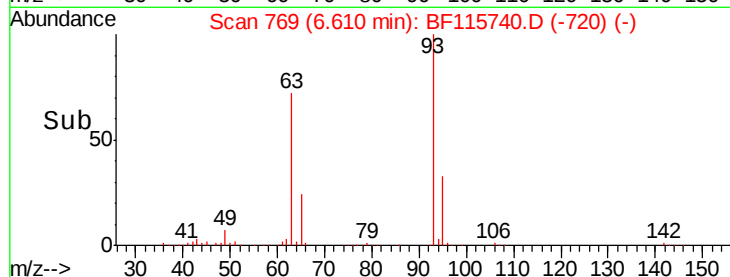
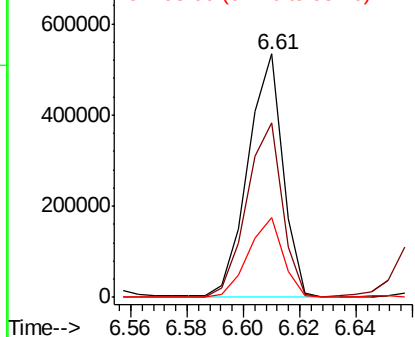
#11
bis(2-Chloroethyl)ether
Concen: 39.800 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	52.2	92.2
95	33.0	12.9	52.9

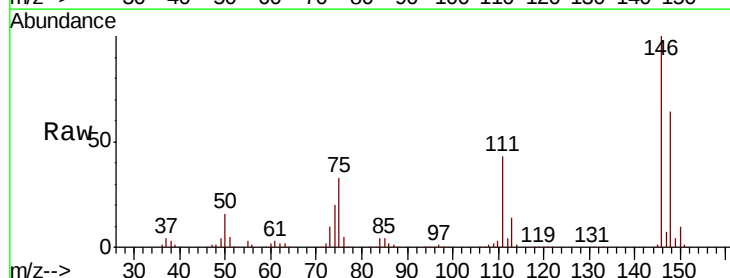


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

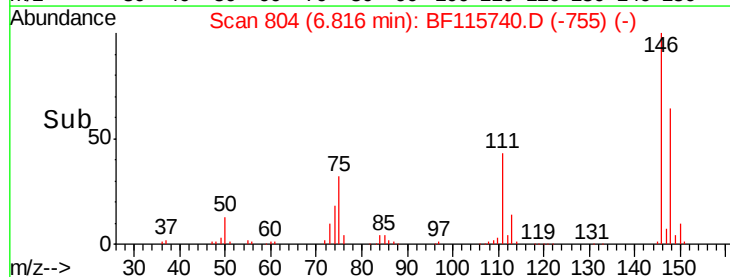
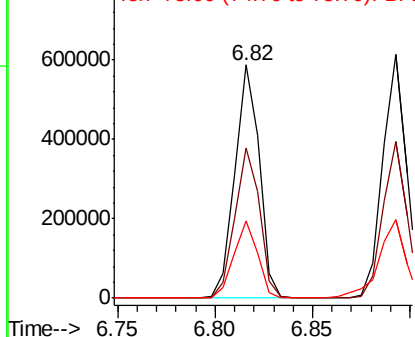


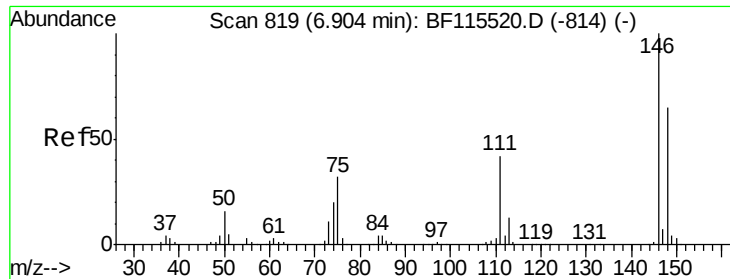
#12
1,3-Dichlorobenzene
Concen: 38.571 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	33.0	24.9	37.3



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

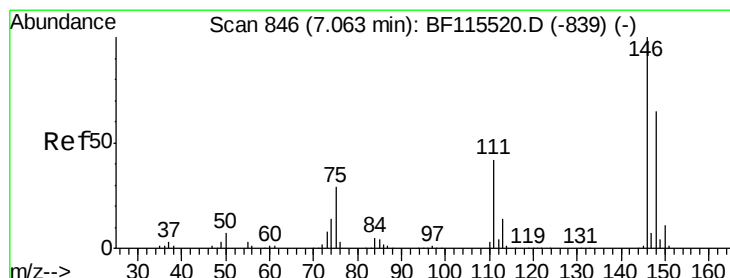
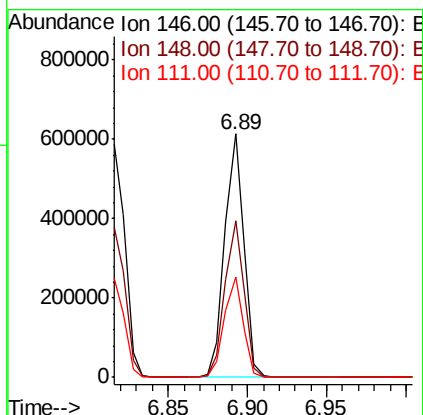
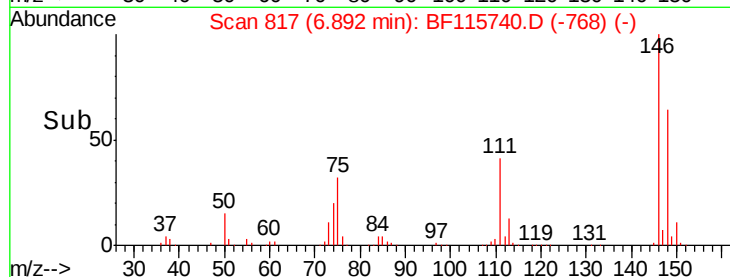
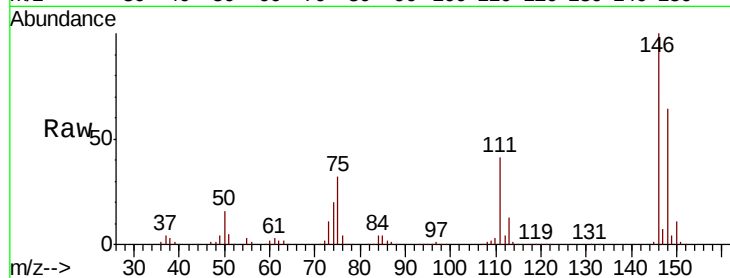




#13
 1,4-Dichlorobenzene
 Concen: 38.916 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

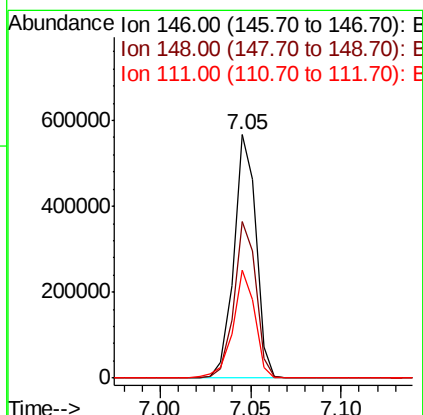
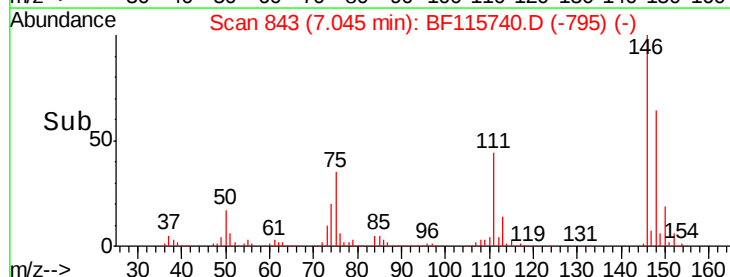
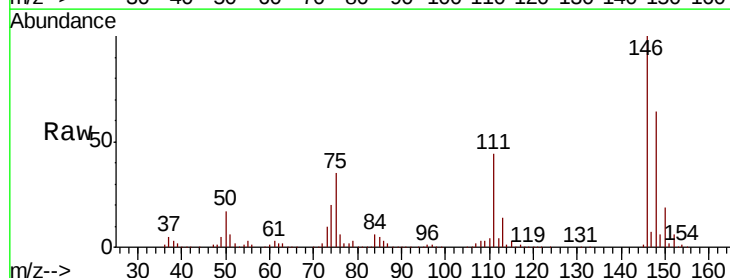
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 513485
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 41.1 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 39.986 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:146 Resp: 482293
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 44.2 37.6 56.4





#15

Benzyl Alcohol

Concen: 39.526 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

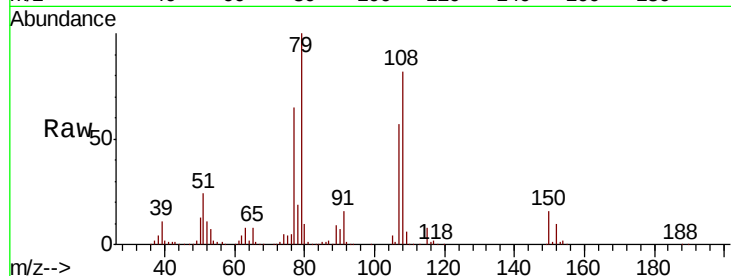
Tot Ion: 79 Resp: 407029

Ion Ratio Lower Upper

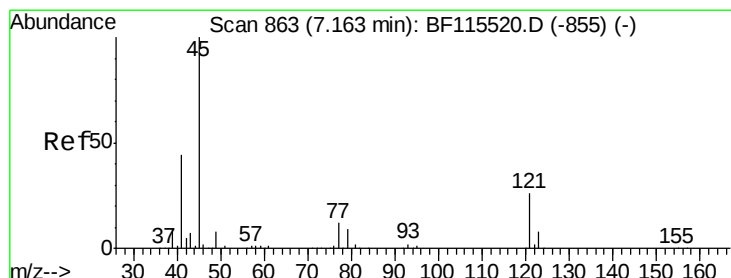
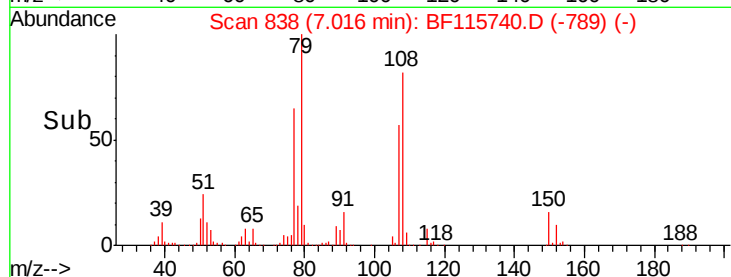
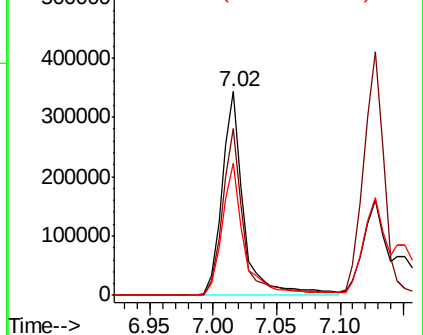
79 100

108 81.9 64.2 96.4

77 64.7 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.955 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

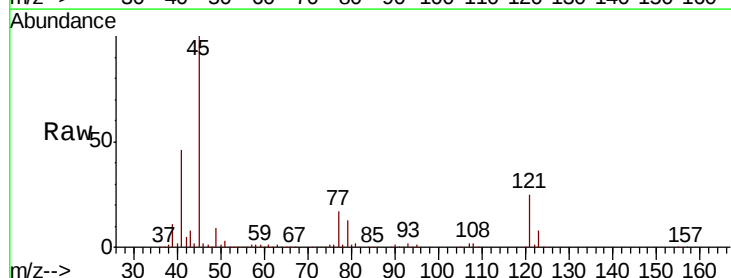
Tgt Ion: 45 Resp: 633722

Ion Ratio Lower Upper

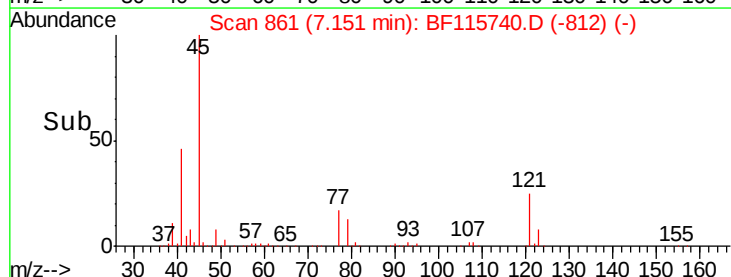
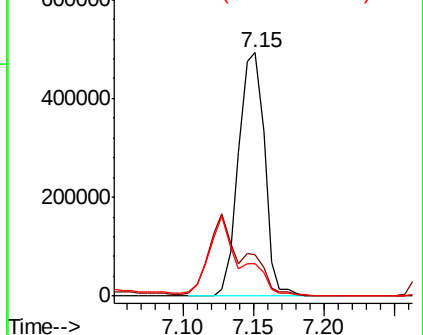
45 100

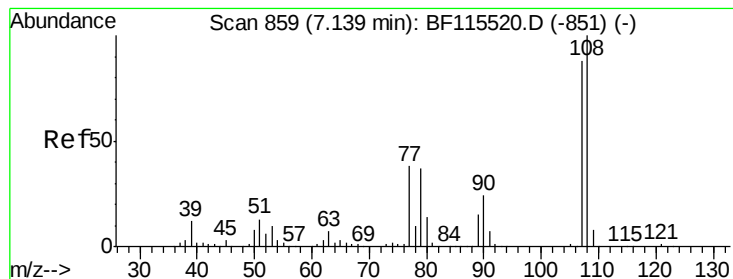
77 17.1 0.0 38.1

79 13.1 0.0 34.1



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

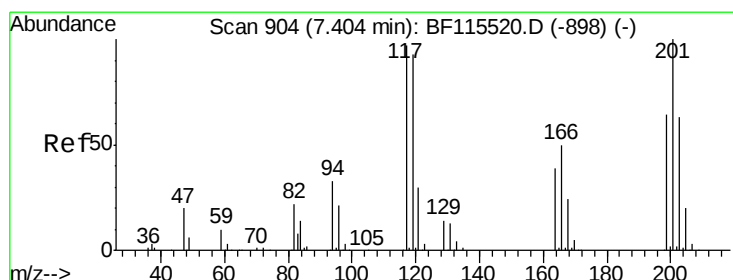
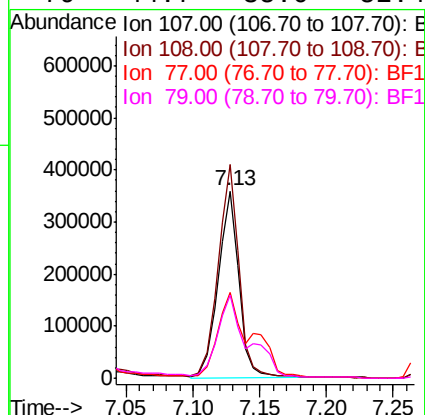
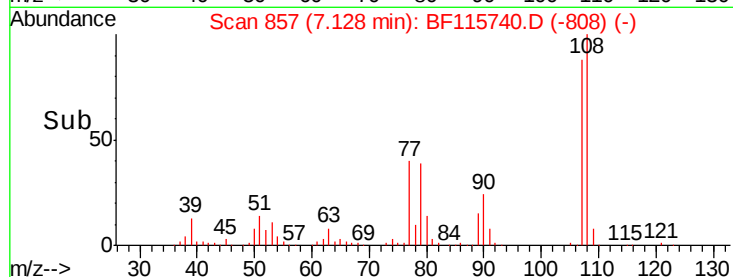
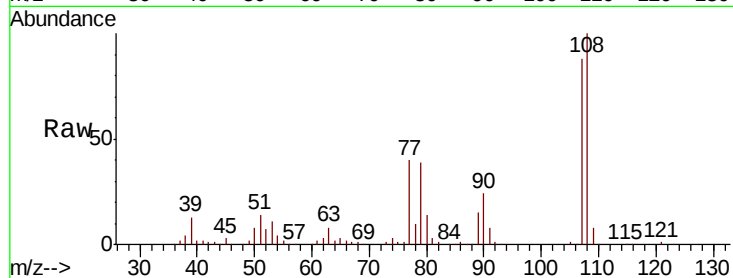




#17
2-Methylphenol
Concen: 39.063 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

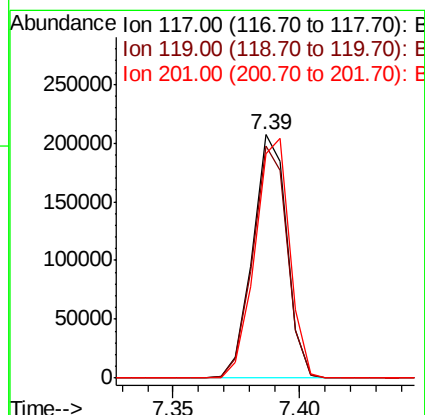
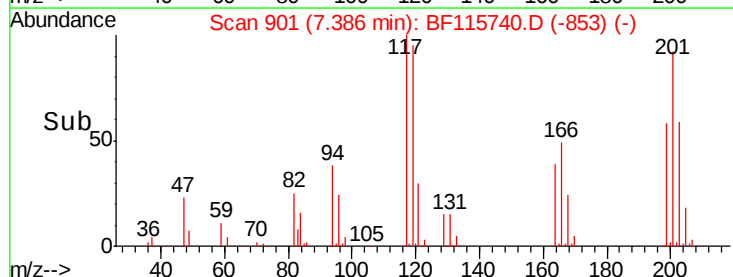
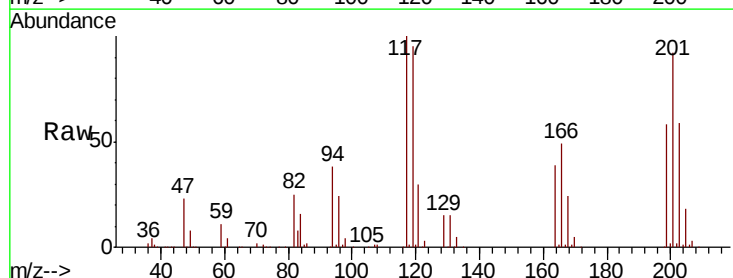
Instrument :
BNA_F
ClientSampleId :

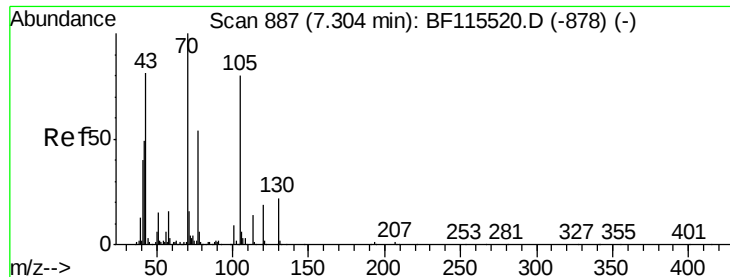
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	89.4	134.2
77	46.0	35.7	53.5
79	44.7	35.0	52.4



#18
Hexachloroethane
Concen: 39.539 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.7	116.5
201	92.1	86.0	129.0

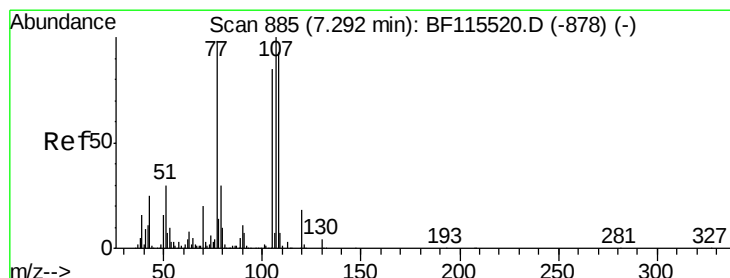
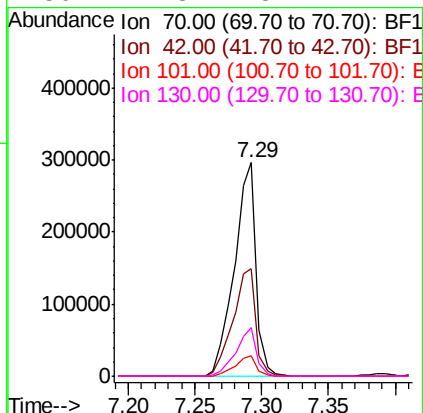
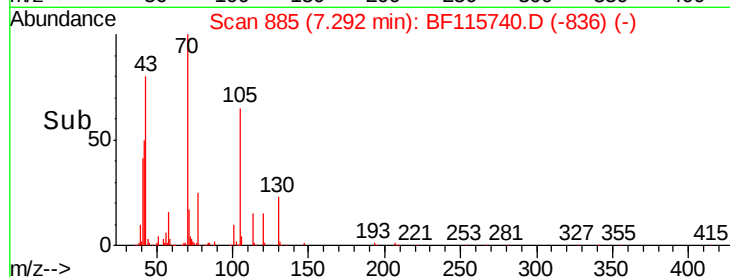
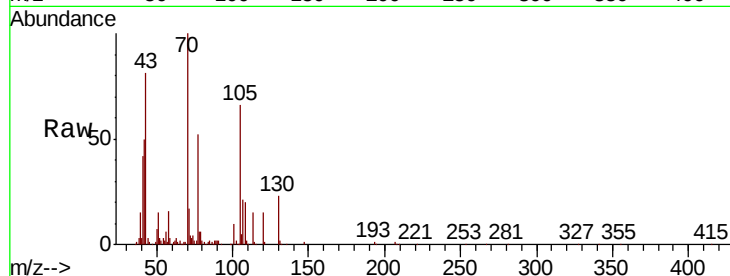




#19
n-Nitroso-di-n-propylamine
Concen: 39.865 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

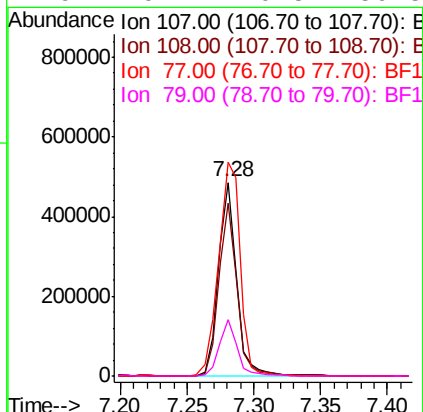
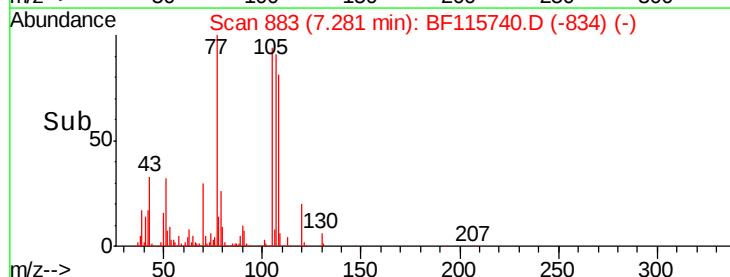
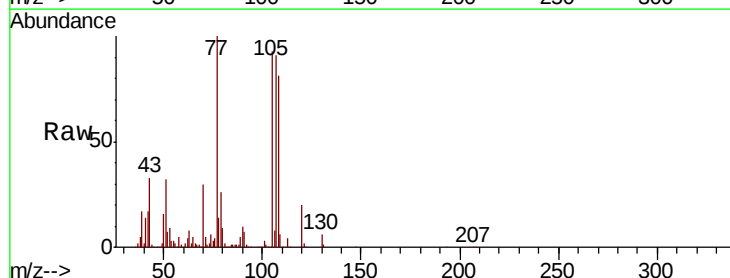
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 337502
Ion Ratio Lower Upper
70 100
42 50.4 39.6 59.4
101 9.9 8.1 12.1
130 22.8 18.2 27.2



#20
3+4-Methylphenols
Concen: 38.625 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion: 107 Resp: 465049
Ion Ratio Lower Upper
107 100
108 89.3 72.9 112.9
77 110.4 77.6 117.6
79 29.1 10.5 50.5

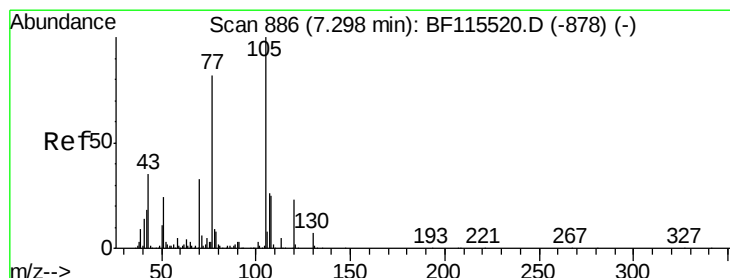
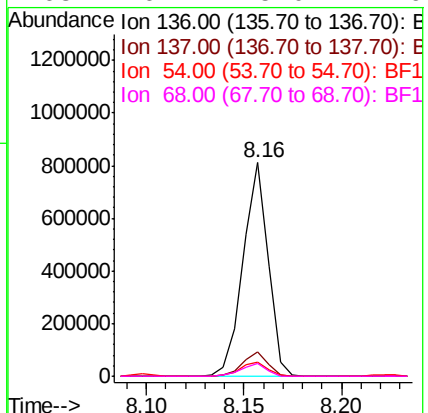
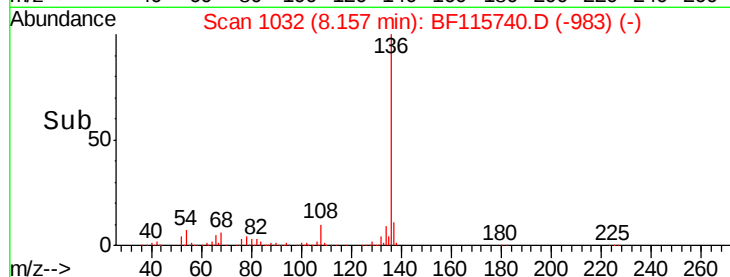
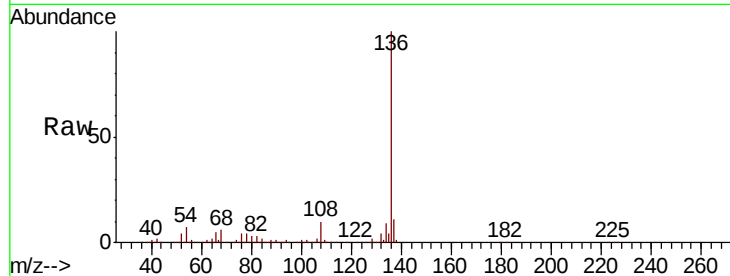




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

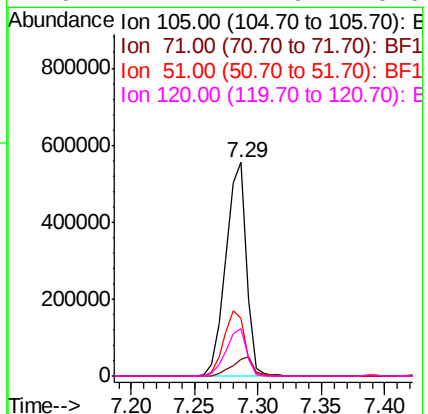
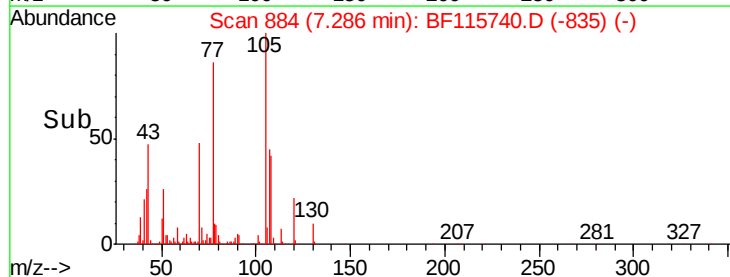
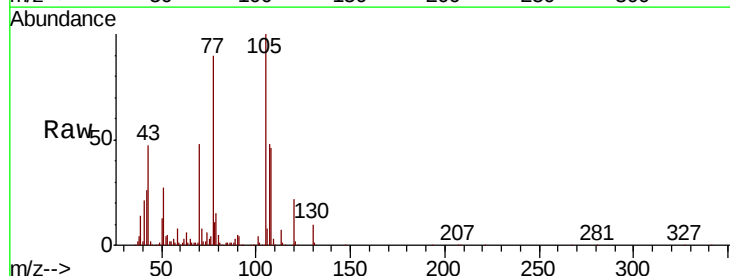
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 723666
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 6.7	5.6 8.4
68 6.1	5.0 7.6



#22
Acetophenone
Concen: 38.024 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:105	Resp: 621647
Ion Ratio	Lower Upper
105 100	
71 7.9	3.5 5.3#
51 27.2	25.6 38.4
120 22.4	17.9 26.9

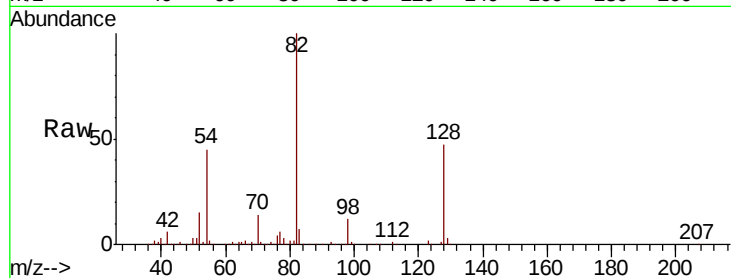




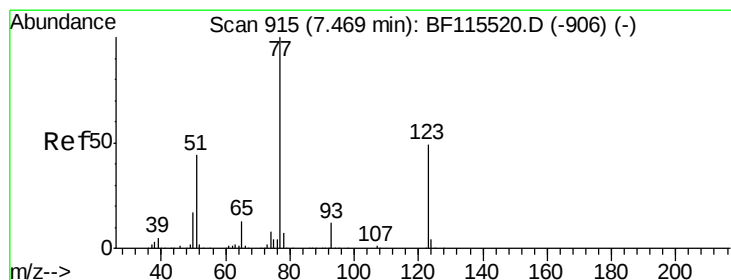
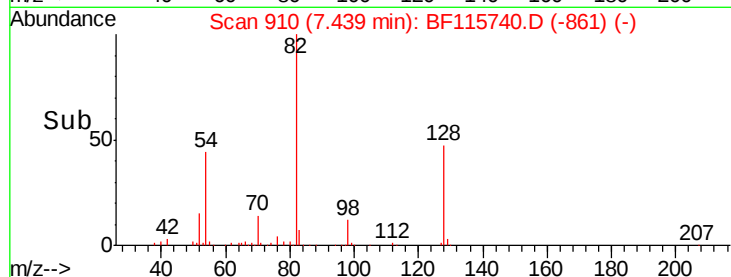
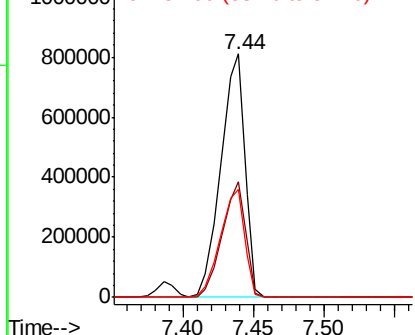
#23
 Nitrobenzene-d5
 Concen: 77.189 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	960659
Ion Ratio	Lower	Upper	
82	100		
128	47.5	38.6	57.8
54	44.5	35.6	53.4

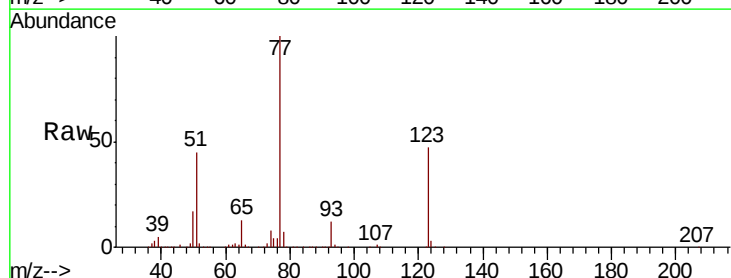


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

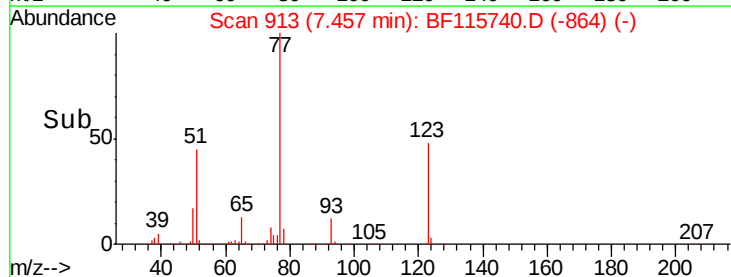
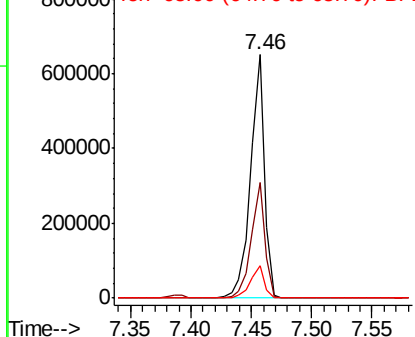


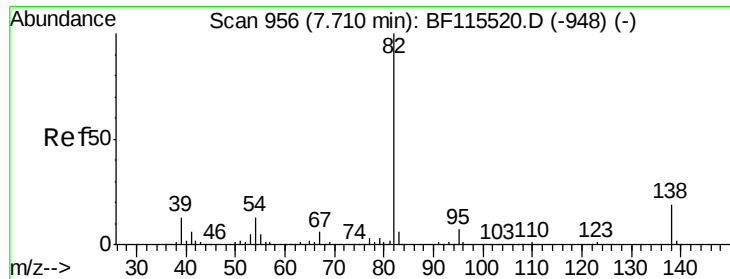
#24
 Nitrobenzene
 Concen: 39.231 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	77	Resp	526619
Ion Ratio	Lower	Upper	
77	100		
123	47.4	40.0	60.0
65	13.2	11.0	16.4



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





#25

Isophorone

Concen: 38.803 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampled :

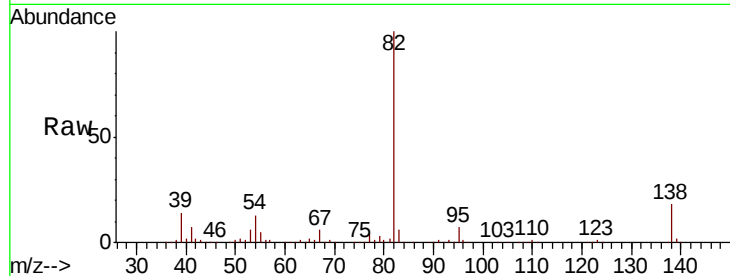
Tot Ion: 82 Resp: 966334

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

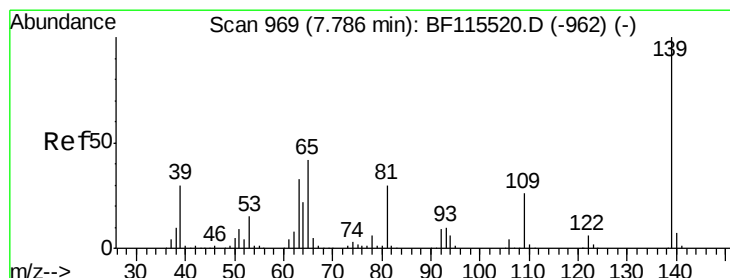
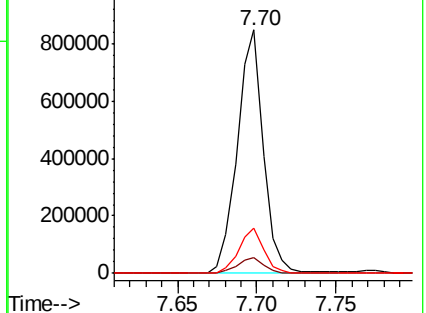
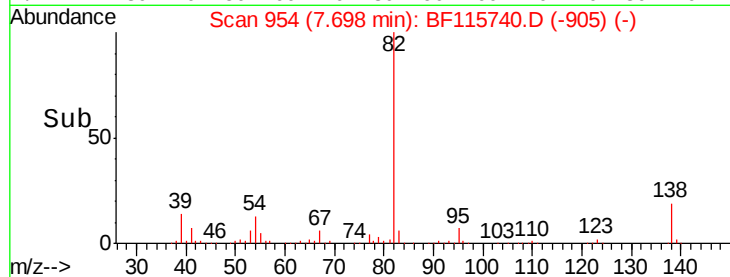
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.311 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

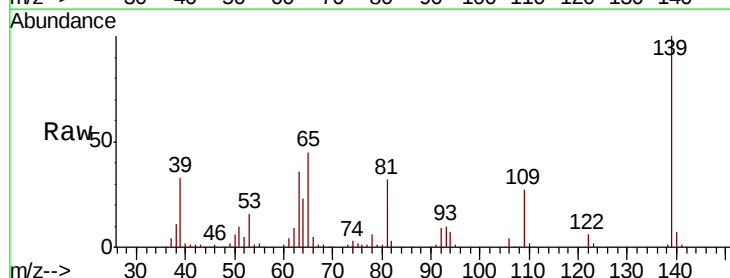
Tgt Ion: 139 Resp: 264701

Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

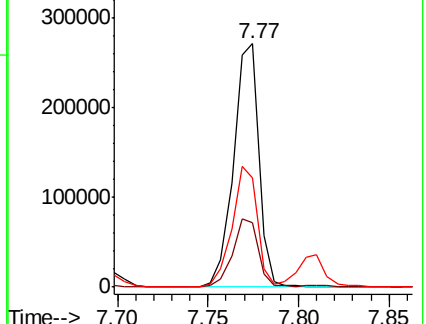
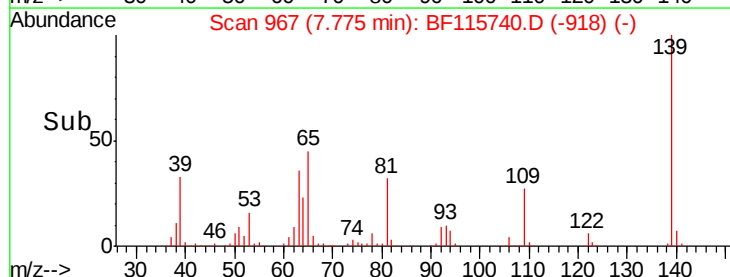
65 44.6 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.814 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampled :

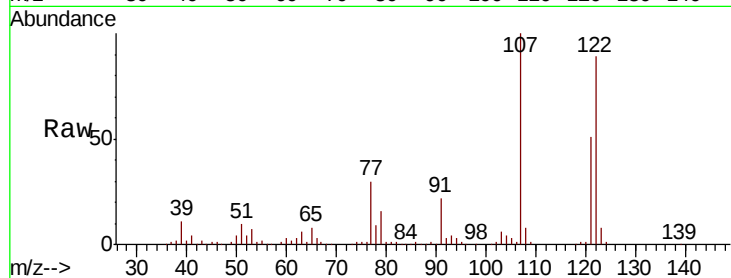
Tot Ion:122 Resp: 380588

Ion Ratio Lower Upper

122 100

107 112.8 92.9 139.3

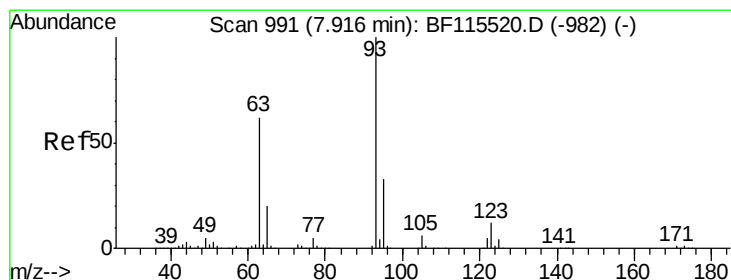
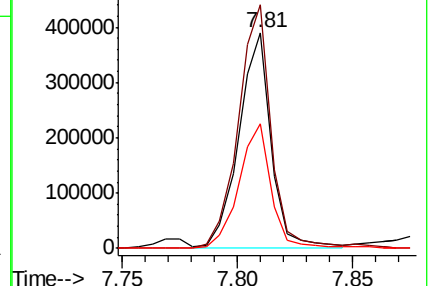
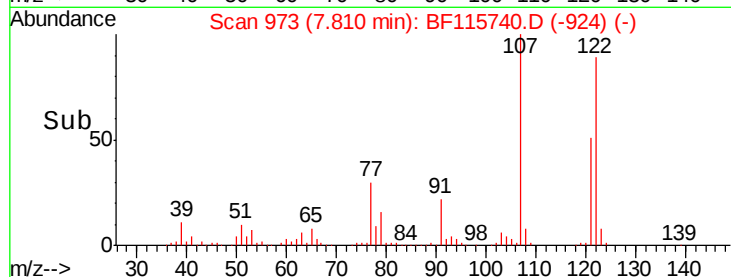
121 58.0 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.573 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

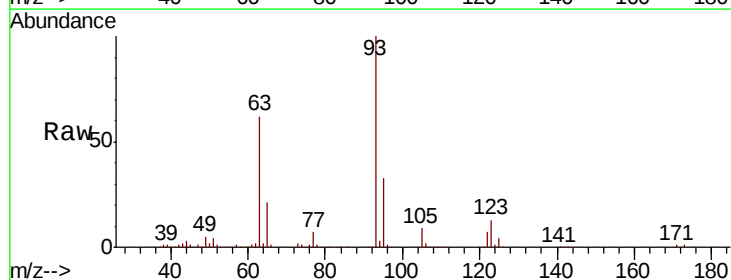
Tgt Ion: 93 Resp: 604595

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

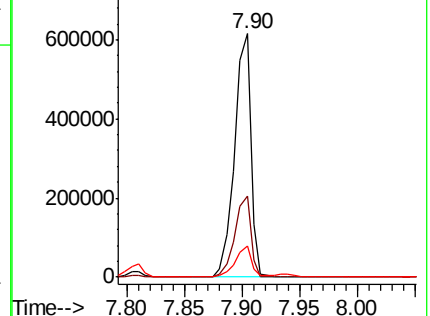
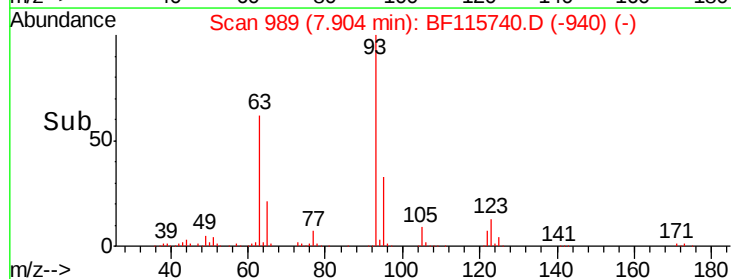
123 12.7 9.9 14.9

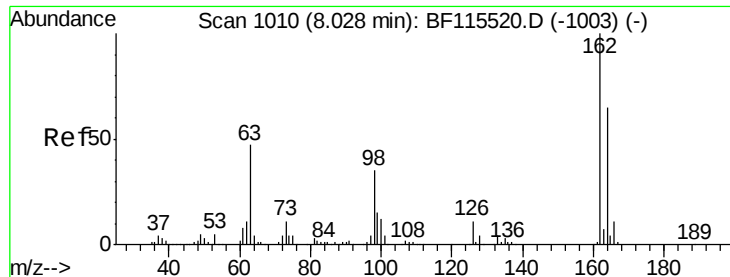


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

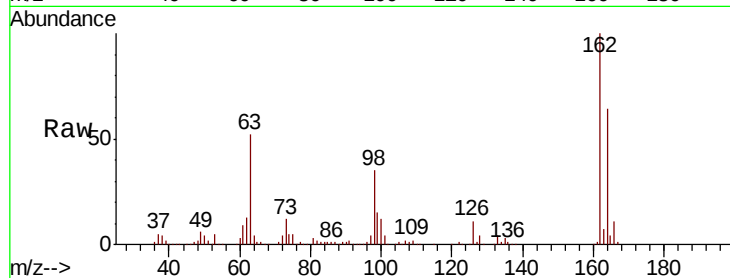




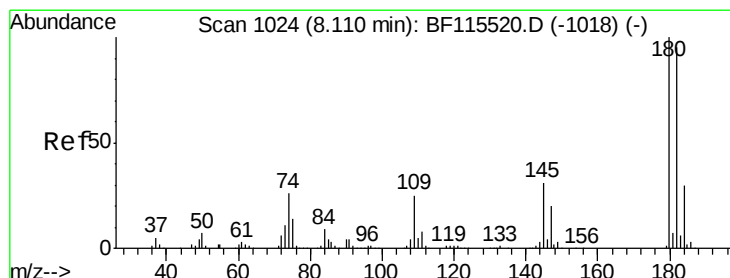
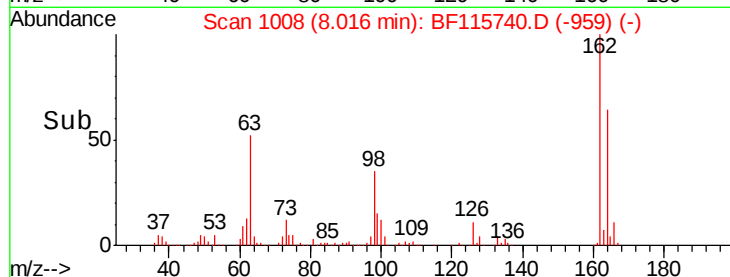
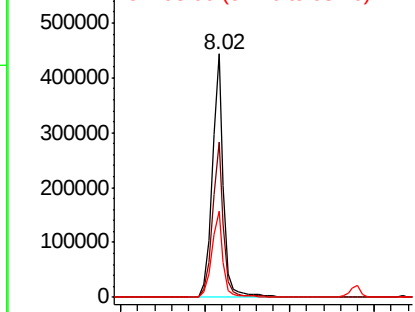
#29
2,4-Dichlorophenol
Concen: 38.685 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	35.3	17.7	57.7

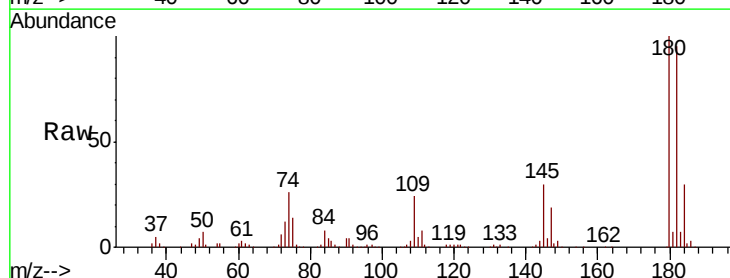


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

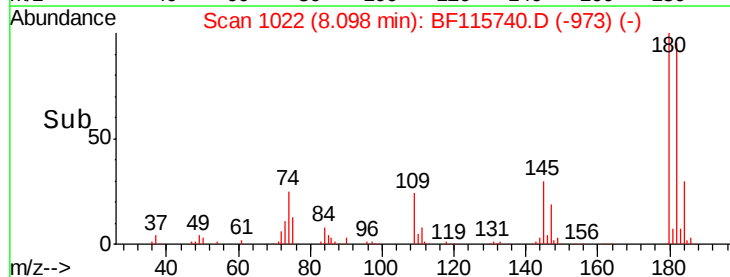
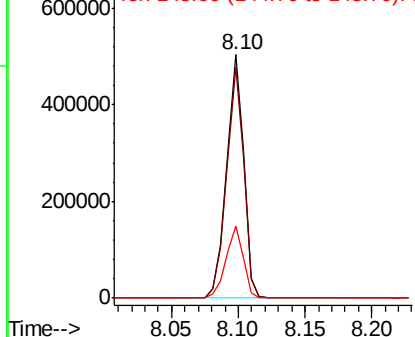


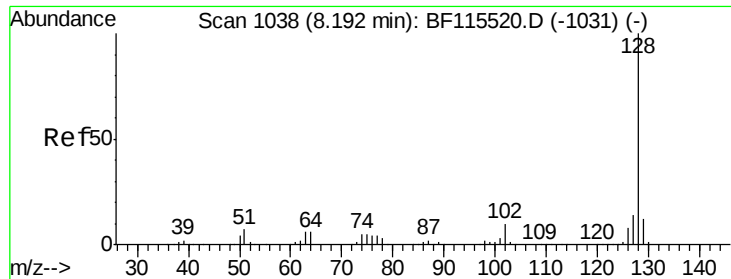
#30
1,2,4-Trichlorobenzene
Concen: 37.704 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.7	25.1	37.7



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

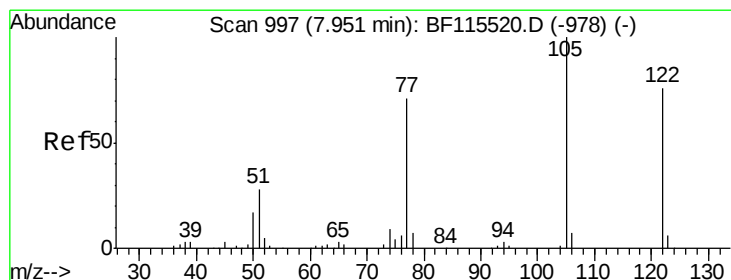
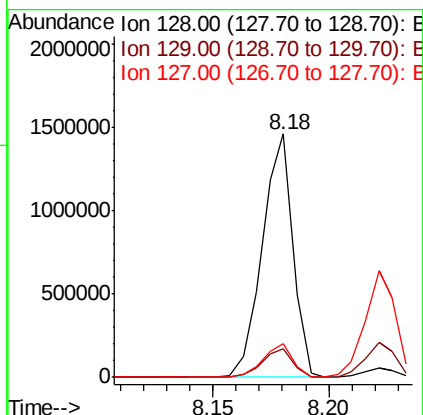
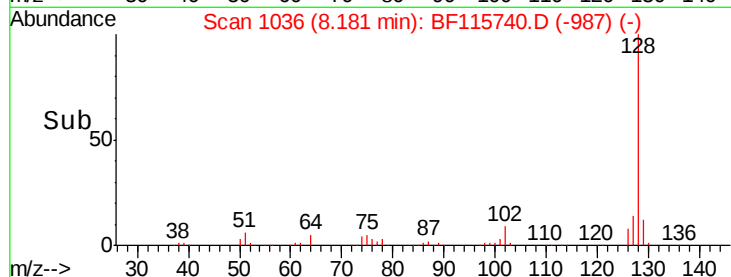
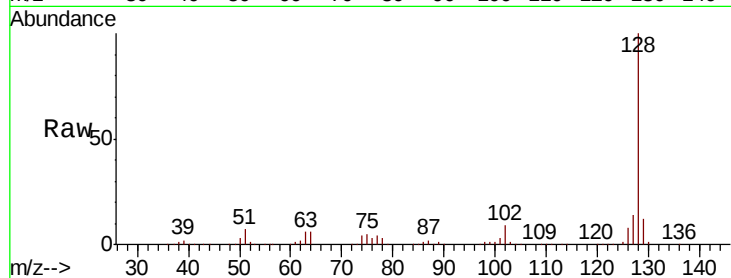




#31
Naphthalene
Concen: 38.621 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

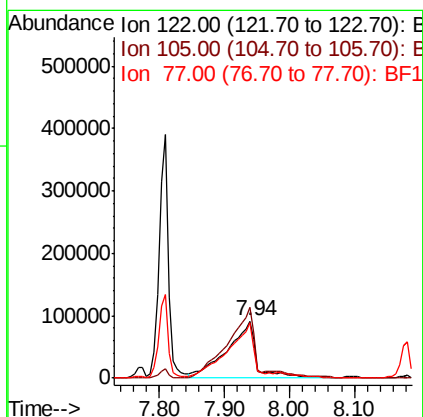
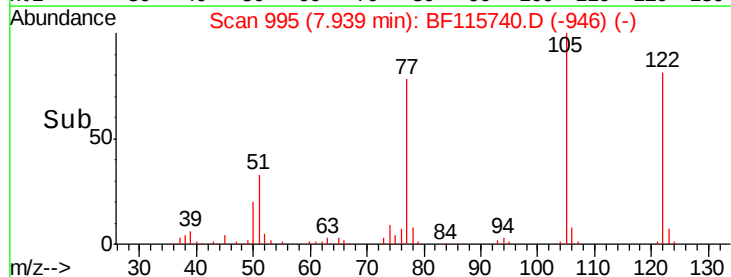
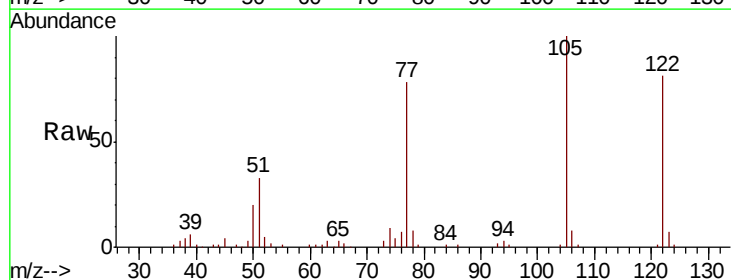
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1353575
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.8 12.1 18.1



#32
Benzoic acid
Concen: 32.812 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:122 Resp: 278381
Ion Ratio Lower Upper
122 100
105 124.1 102.5 142.5
77 97.0 70.2 110.2

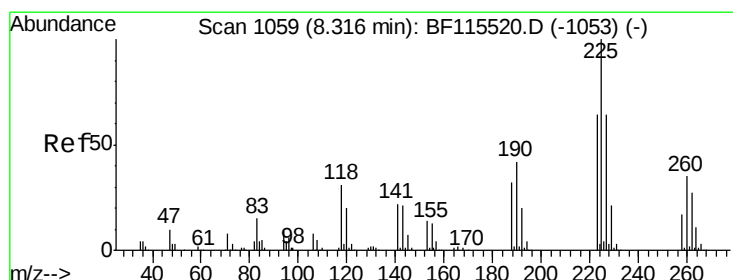
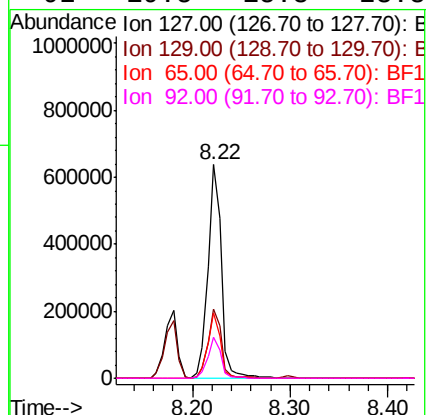
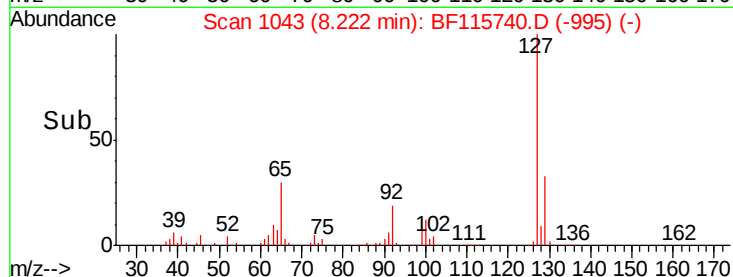
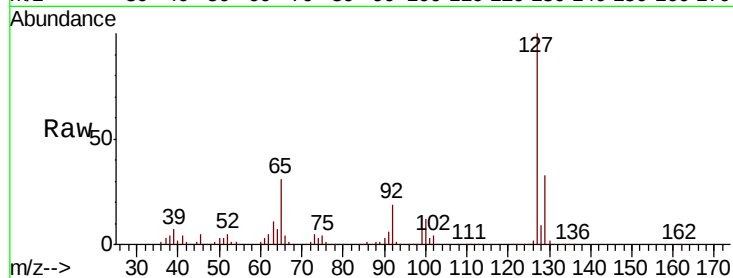




#33
4-Chloroaniline
Concen: 39.064 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

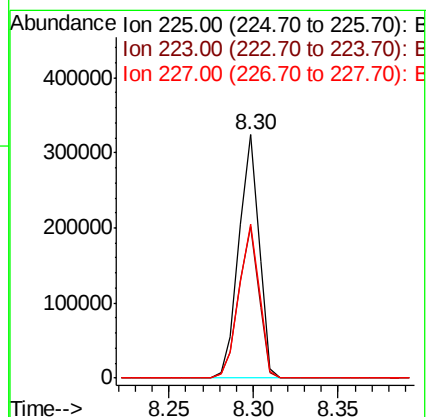
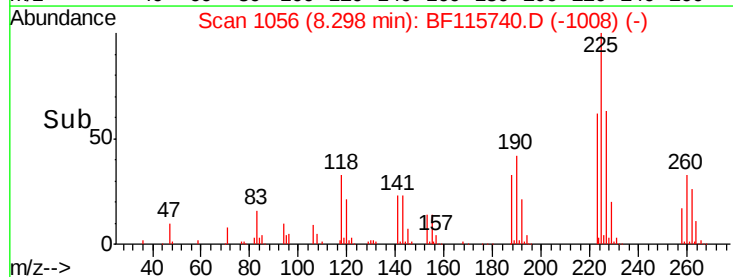
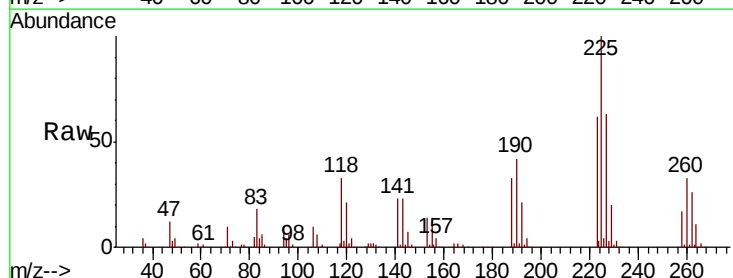
Instrument :
BNA_F
ClientSampled :

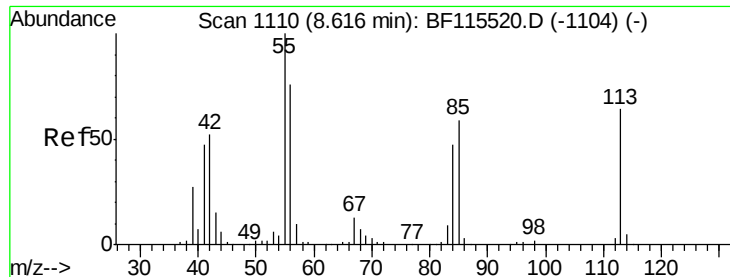
Tot Ion:	127	Resp:	606437
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	30.8	23.7	35.5
92	19.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.648 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:	225	Resp:	269353
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	63.2	50.7	76.1

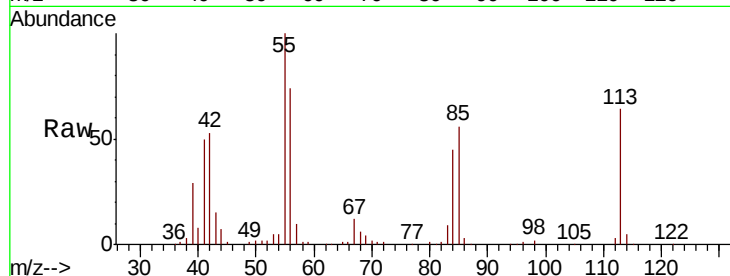




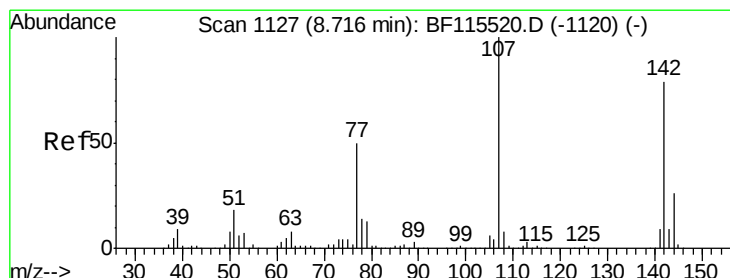
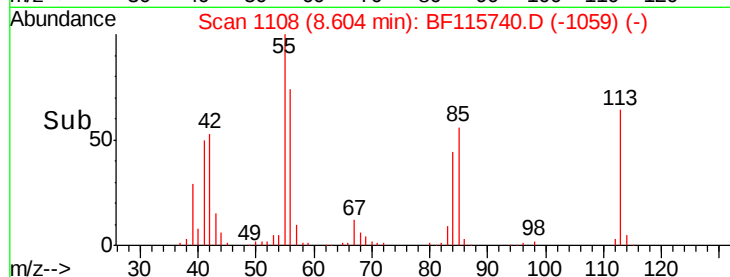
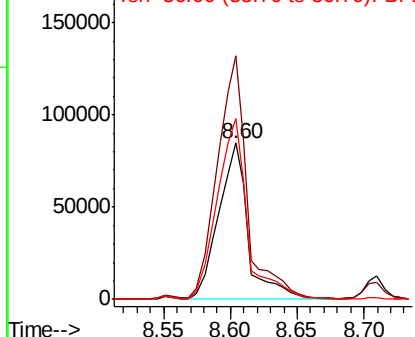
#35
Caprolactam
Concen: 39.624 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 131644
Ion Ratio Lower Upper
113 100
55 155.9 126.9 166.9
56 115.8 90.3 130.3

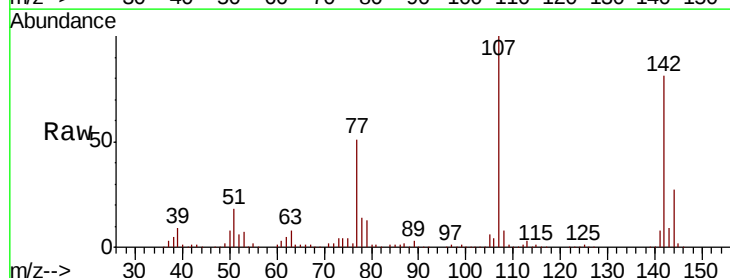


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

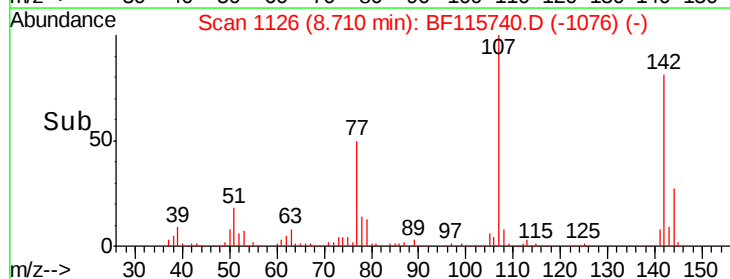
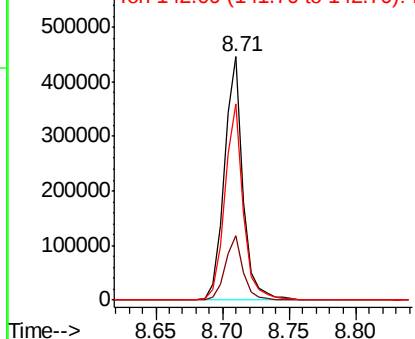


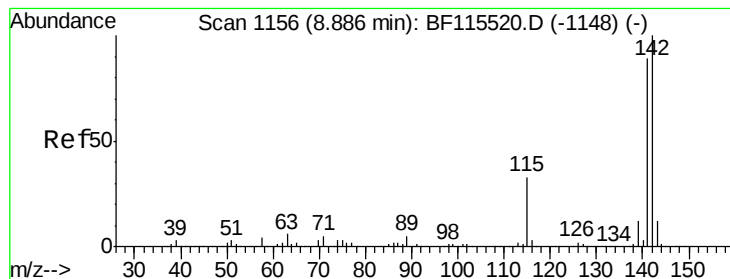
#36
4-Chloro-3-methylphenol
Concen: 39.276 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:107 Resp: 438026
Ion Ratio Lower Upper
107 100
144 26.7 20.6 30.8
142 80.7 63.1 94.7



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





#37

2-Methylnaphthalene

Concen: 39.228 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

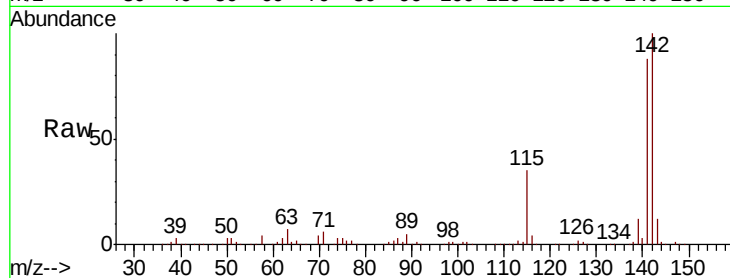
Tot Ion:142 Resp: 911345

Ion Ratio Lower Upper

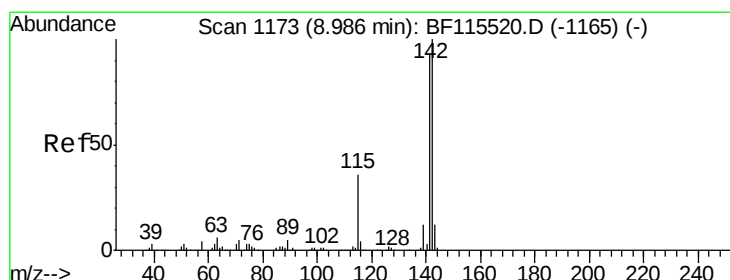
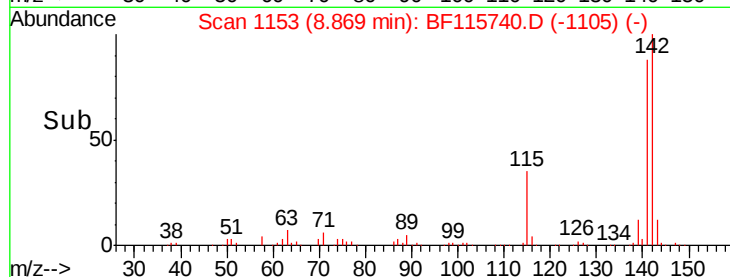
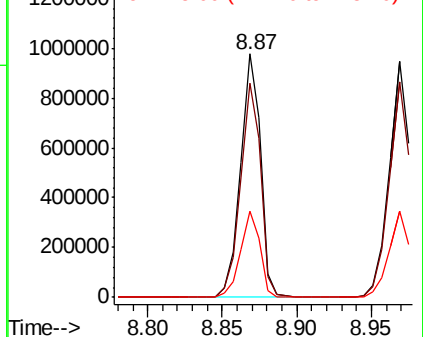
142 100

141 88.0 72.0 108.0

115 35.2 29.9 44.9



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



#38

1-Methylnaphthalene

Concen: 39.526 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

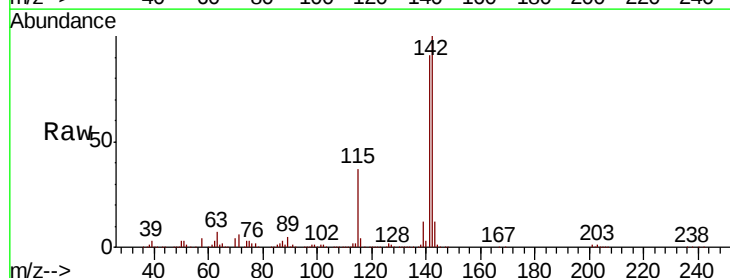
Tgt Ion:142 Resp: 872207

Ion Ratio Lower Upper

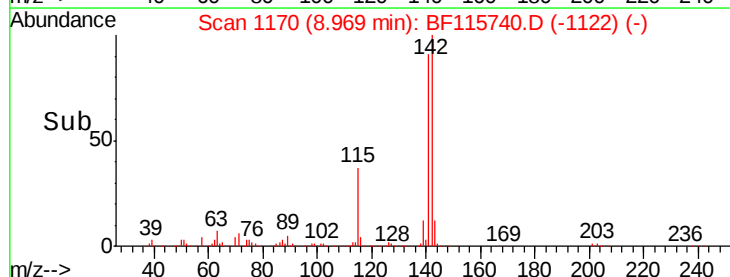
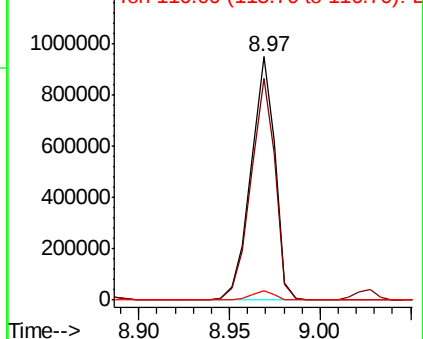
142 100

141 91.1 75.3 112.9

116 3.7 3.3 4.9



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

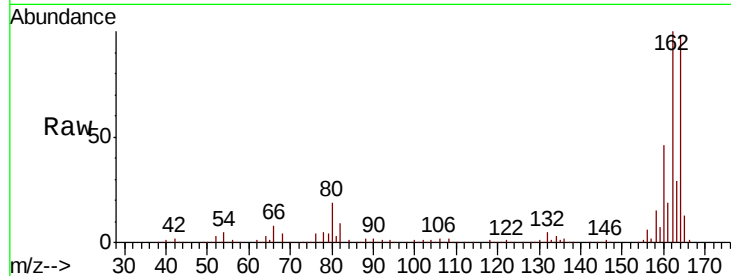




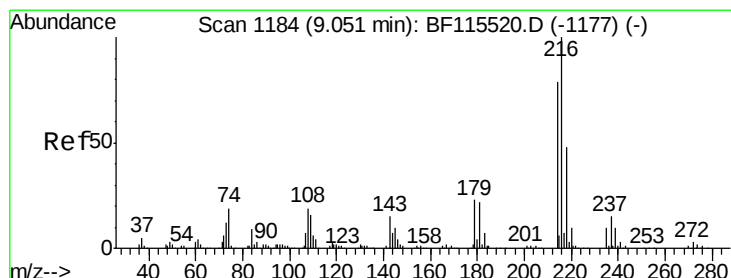
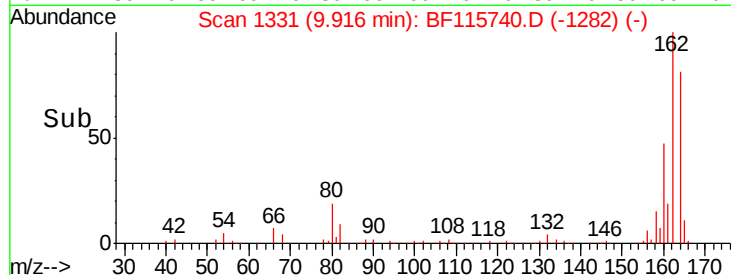
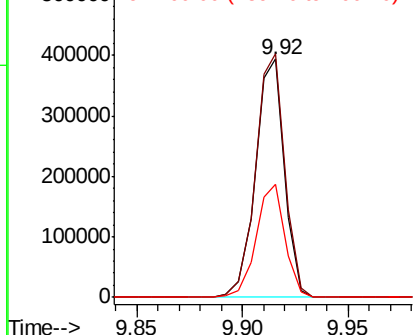
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 374516
Ion Ratio Lower Upper
164 100
162 102.3 82.9 124.3
160 47.3 36.8 55.2

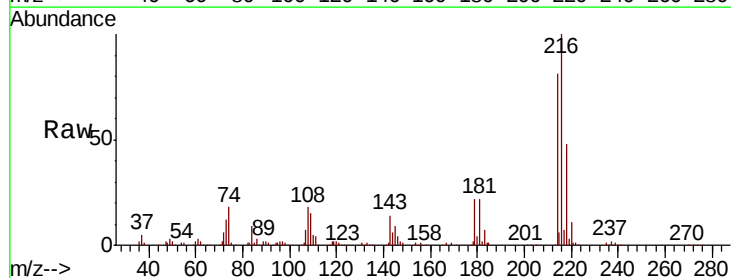


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

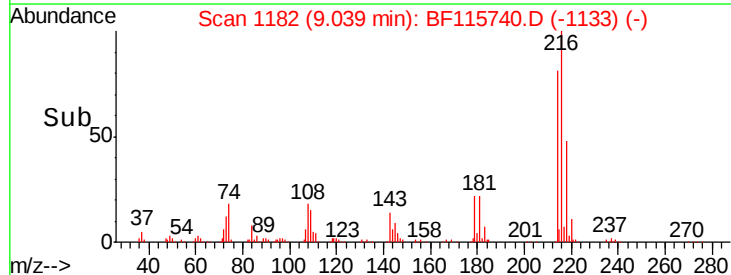
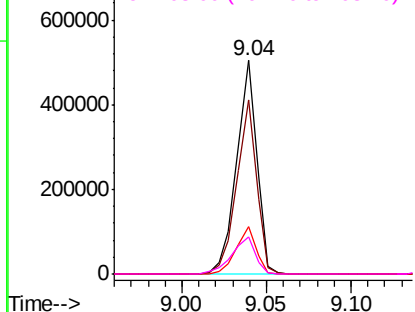


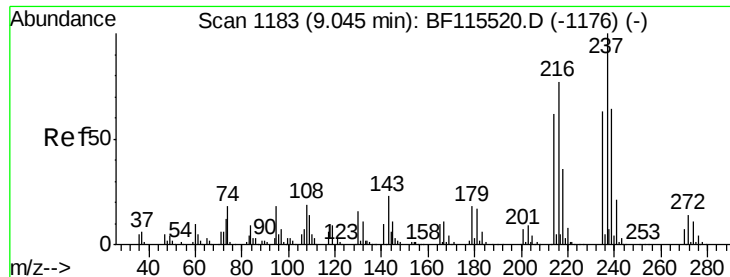
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.178 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:216 Resp: 419289
Ion Ratio Lower Upper
216 100
214 80.3 65.1 97.7
179 22.0 18.3 27.5
108 20.4 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 42.578 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

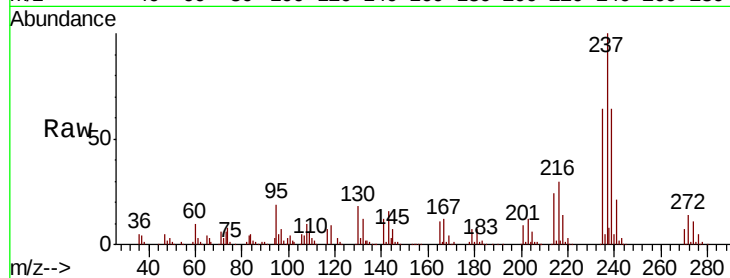
Tot Ion:237 Resp: 273923

Ion Ratio Lower Upper

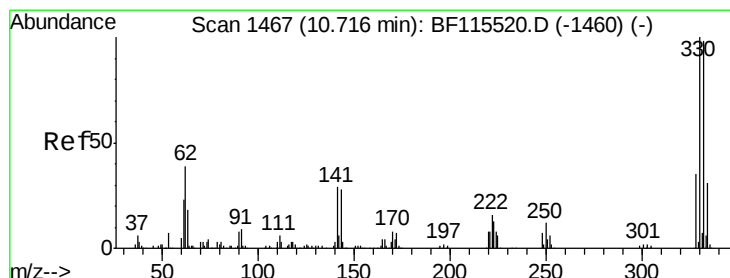
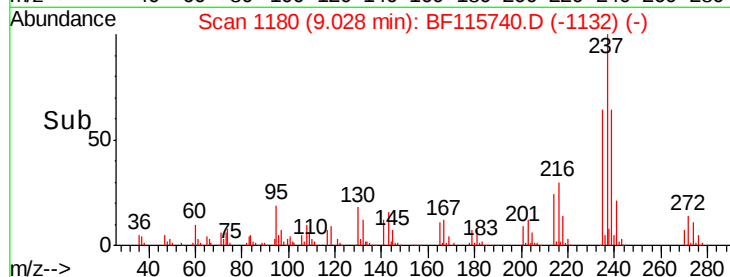
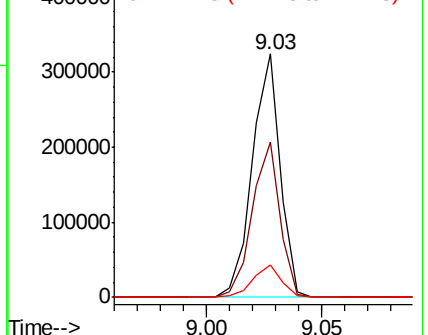
237 100

235 63.6 43.6 83.6

272 13.6 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 74.928 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

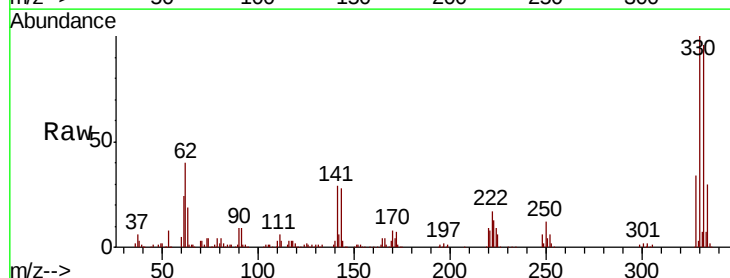
Tgt Ion:330 Resp: 327550

Ion Ratio Lower Upper

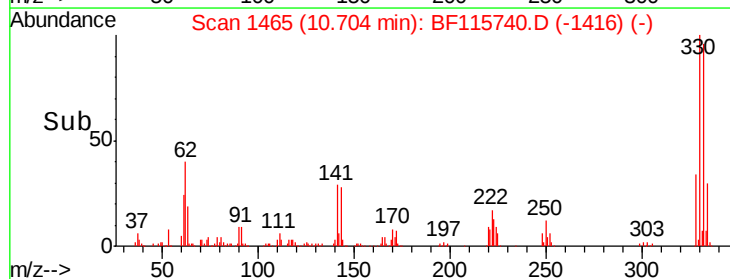
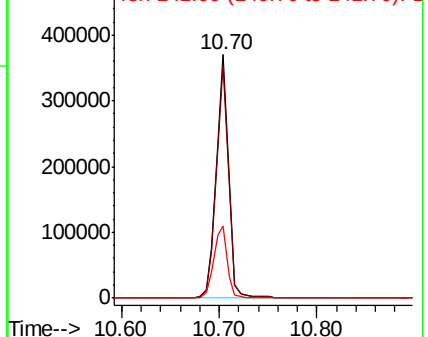
330 100

332 95.9 77.4 116.2

141 32.0 22.4 33.6



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

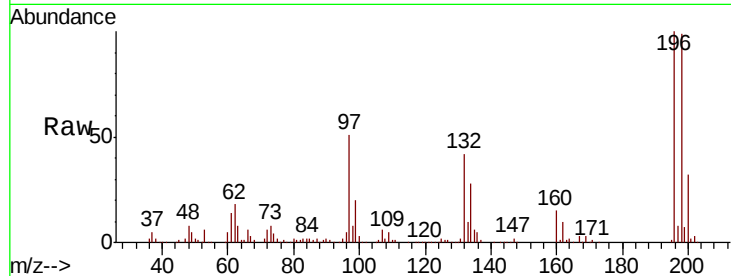




#43
 2,4,6-Trichlorophenol
 Concen: 35.638 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.6	121.0
200	32.0	25.8	38.6

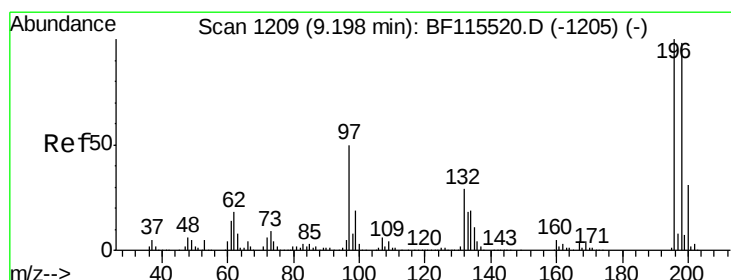
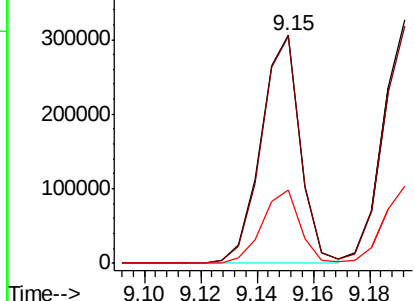
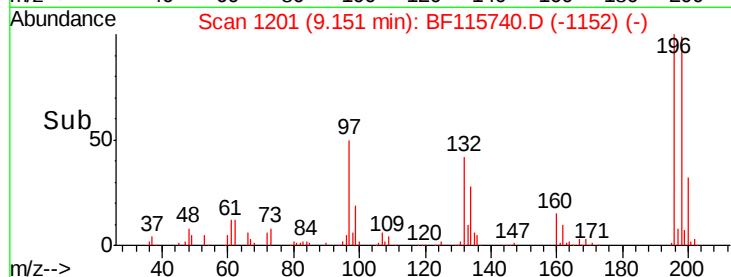


Abundance

Ion 196.00 (195.70 to 196.70): E

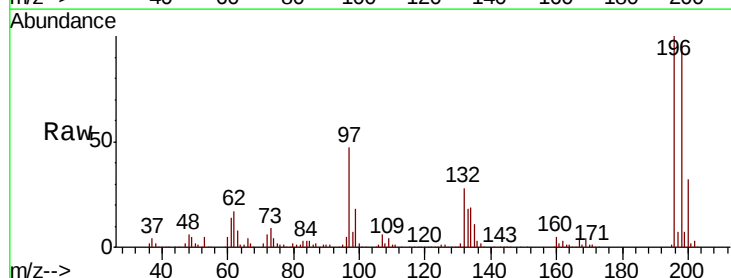
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.078 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	79.6	119.4
97	46.7	37.8	56.6
132	27.8	22.8	34.2



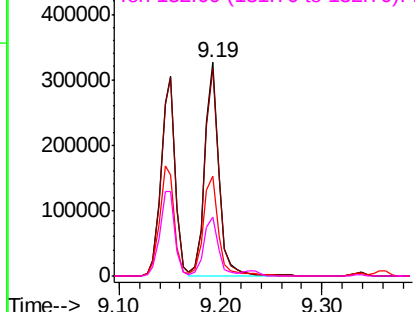
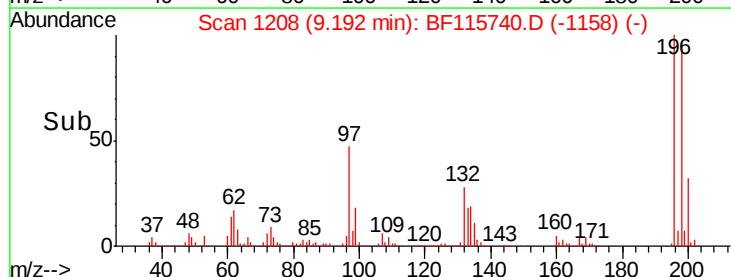
Abundance

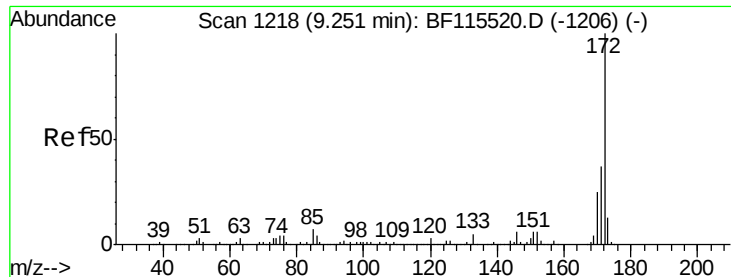
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

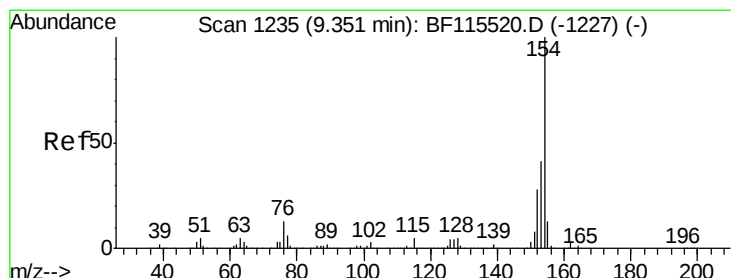
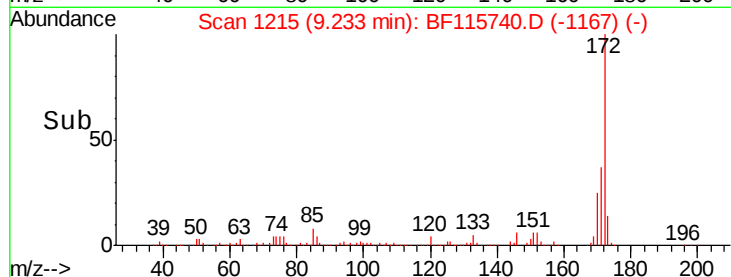
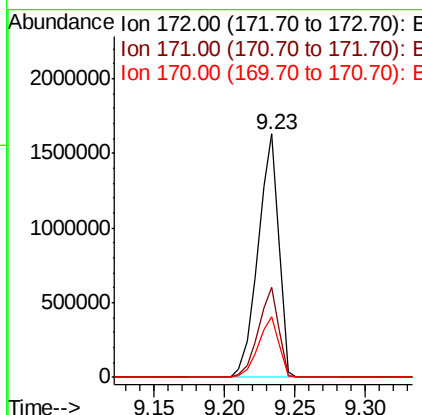
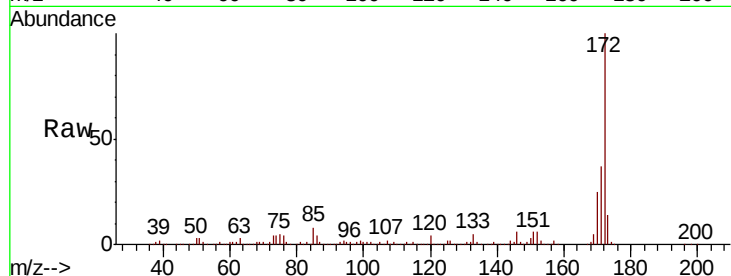




#45
2-Fluorobiphenyl
Concen: 79.054 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

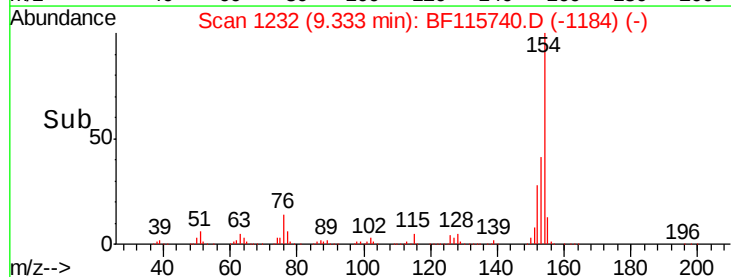
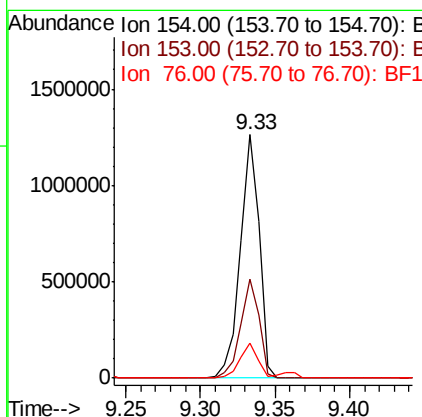
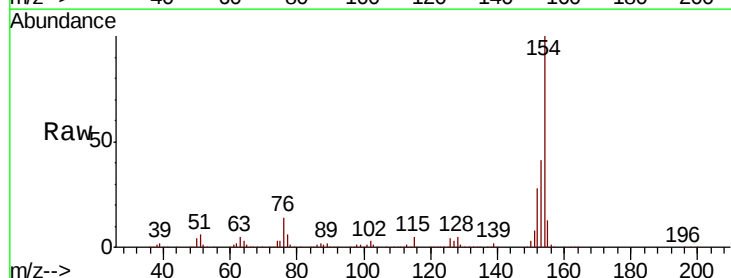
Instrument :
BNA_F
ClientSampleId :

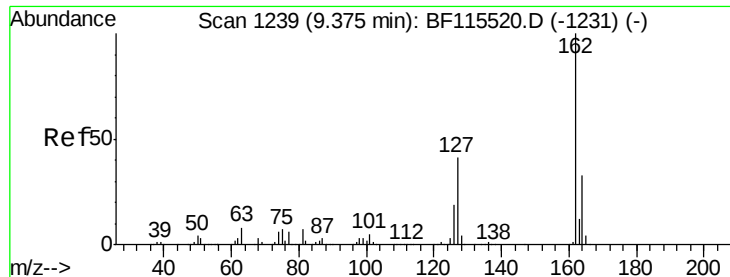
Tot Ion:172 Resp: 1691557
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 38.199 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:154 Resp: 1118441
Ion Ratio Lower Upper
154 100
153 40.9 22.6 62.6
76 14.3 0.0 33.4

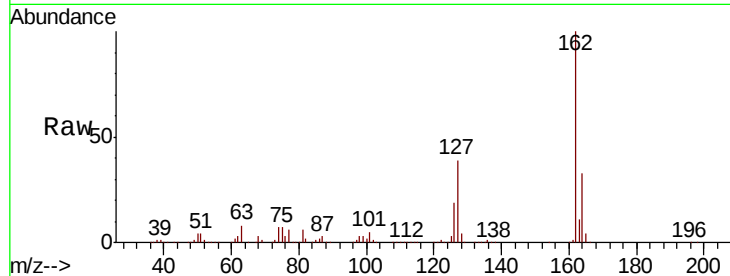




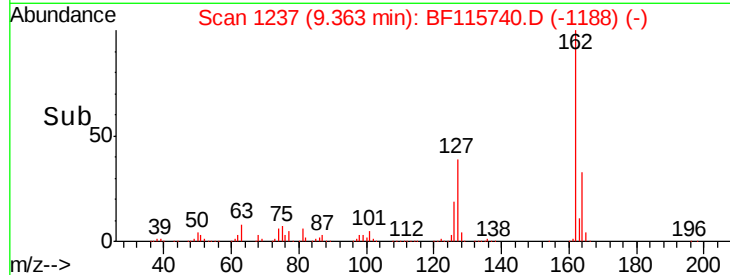
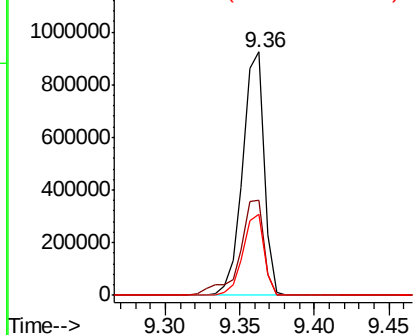
#47
 2-Chloronaphthalene
 Concen: 37.806 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	34.1	51.1
164	33.4	27.4	41.2

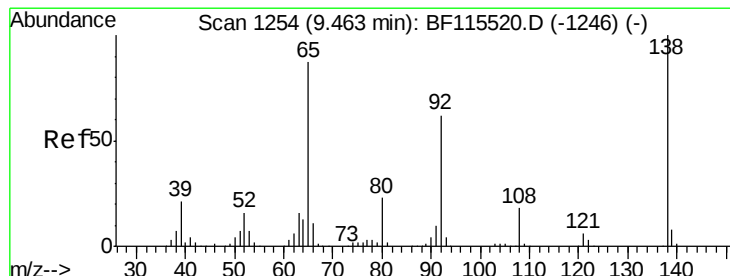


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

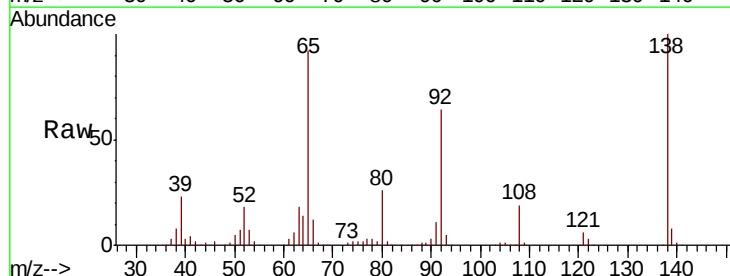
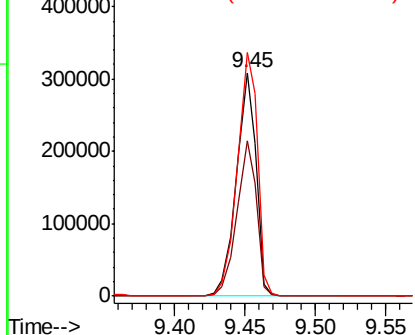


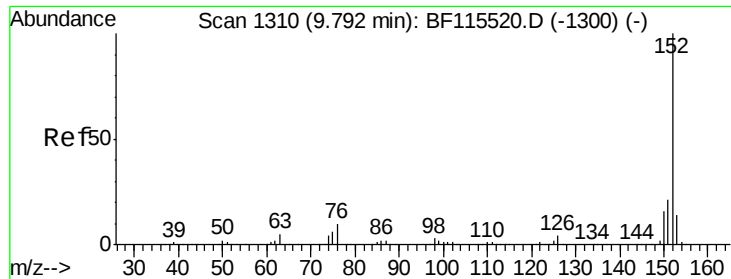
#48
 2-Nitroaniline
 Concen: 39.613 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	57.8	86.6
138	109.0	91.2	136.8



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





#49

Acenaphthylene

Concen: 38.432 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

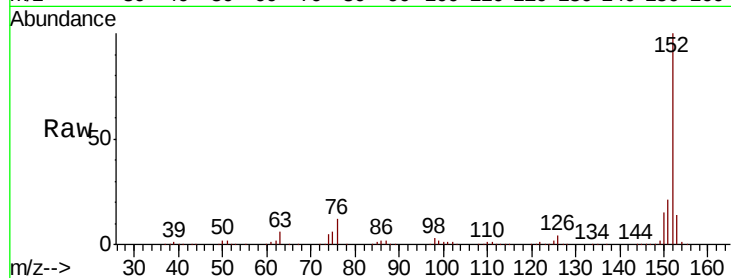
Tot Ion:152 Resp: 1388340

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

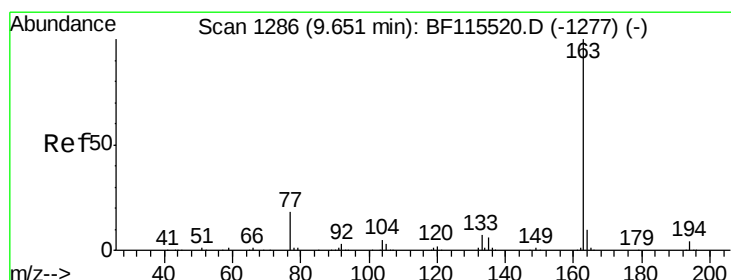
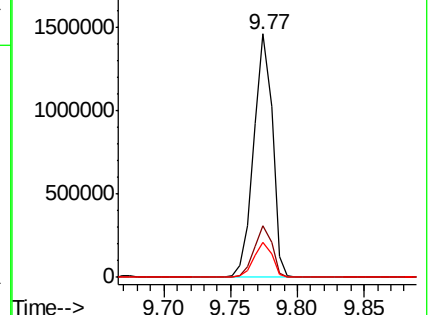
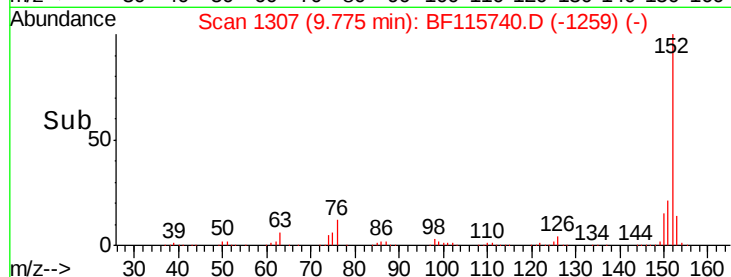
153 14.4 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.186 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

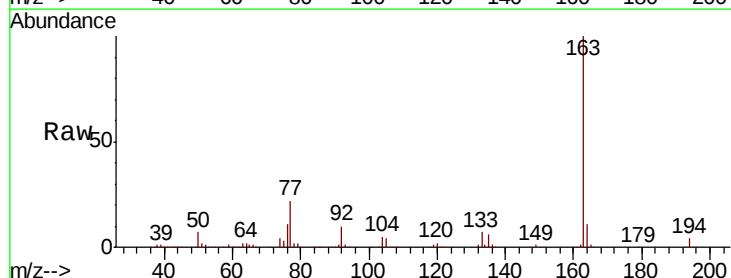
Tgt Ion:163 Resp: 1104158

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

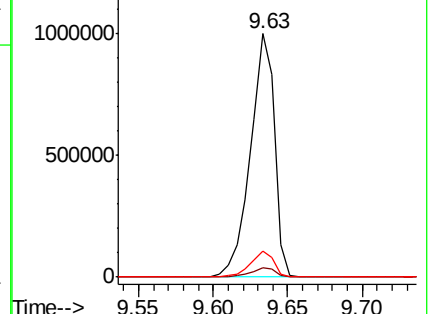
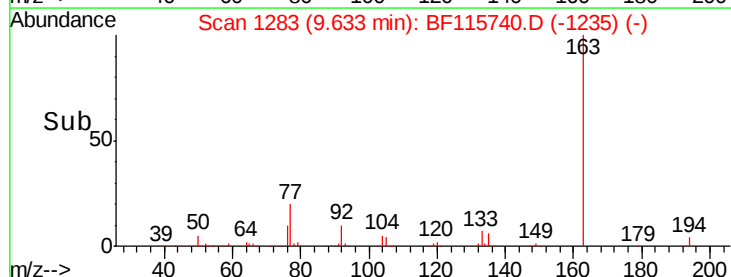
164 10.6 8.7 13.1

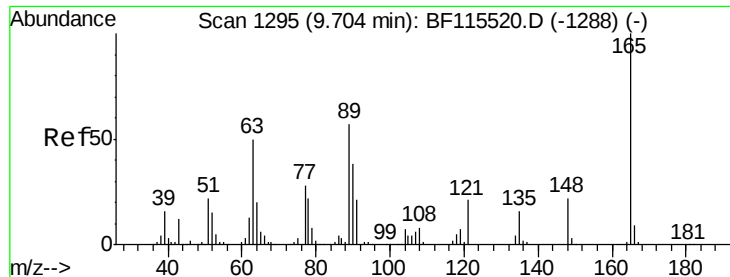


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

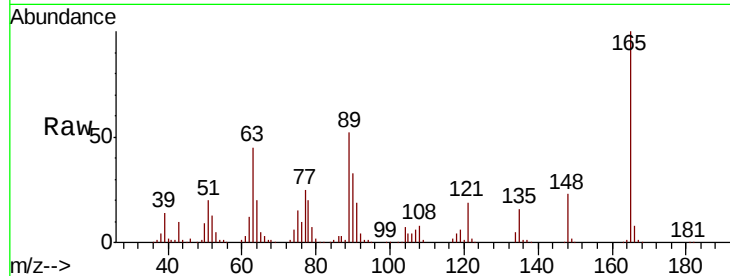




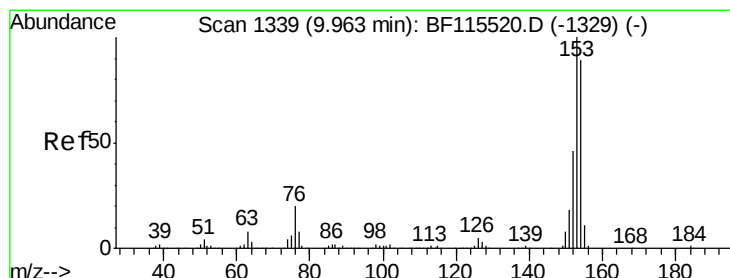
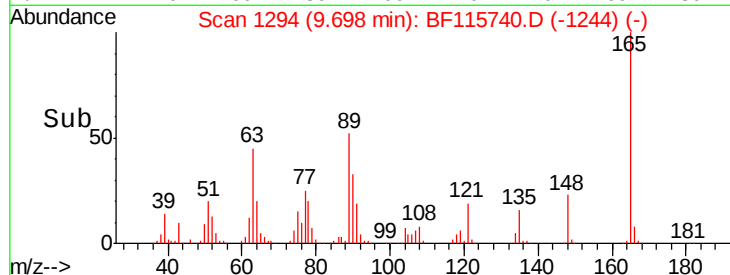
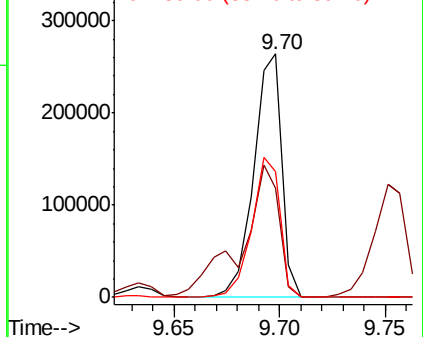
#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	40.6	61.0
89	51.8	43.9	65.9

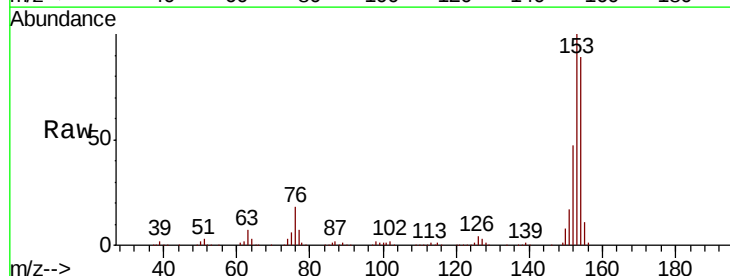


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

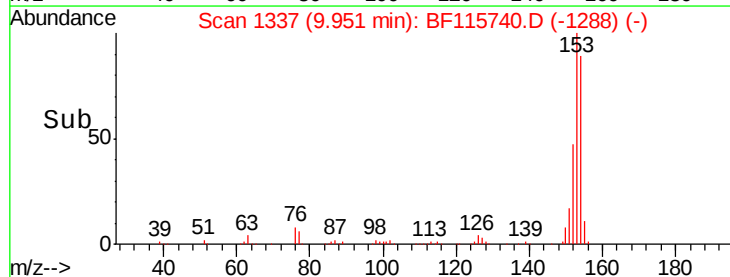
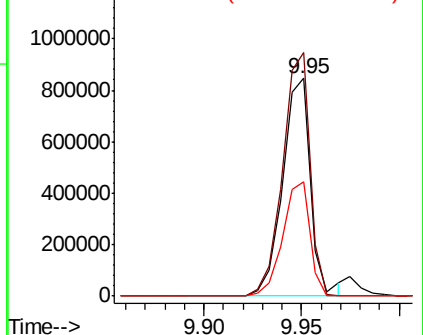


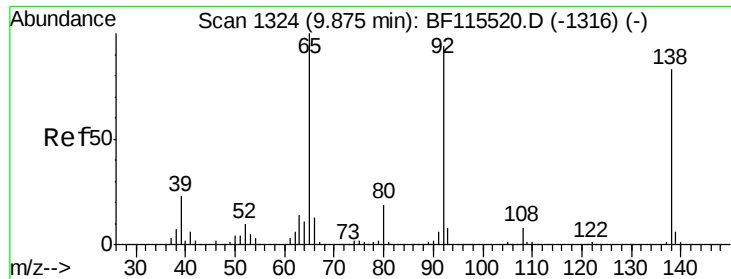
#52
Acenaphthene
Concen: 36.086 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.6	133.0
152	52.8	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

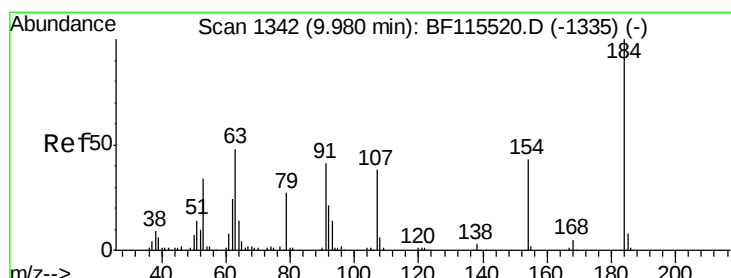
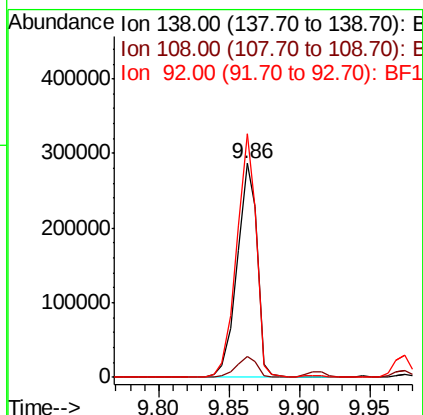
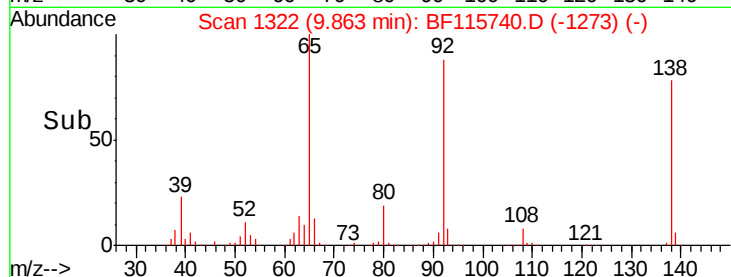
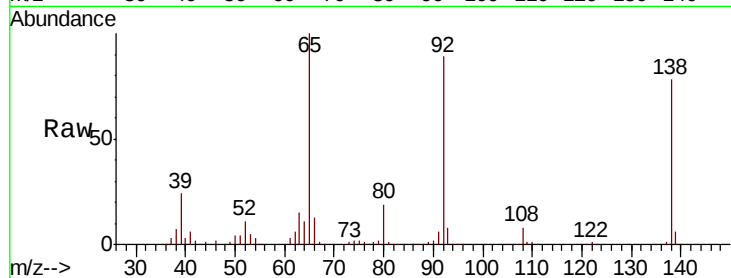




#53
3-Nitroaniline
Concen: 38.486 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

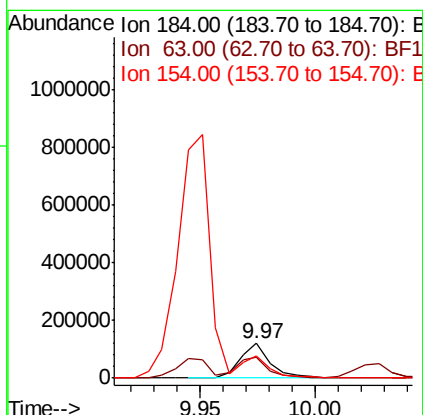
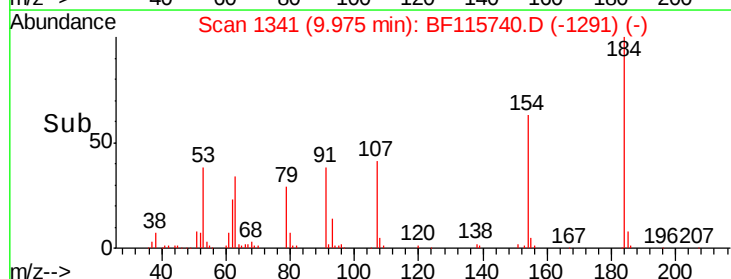
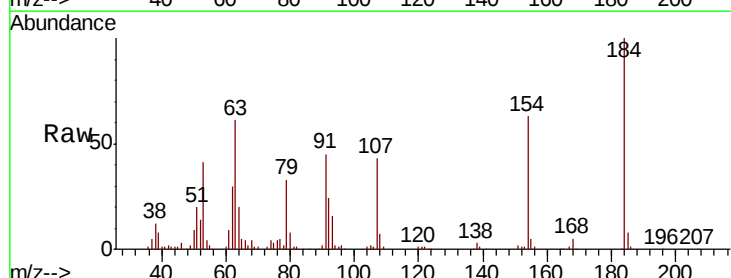
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 281624
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 113.8 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 33.220 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:184 Resp: 109217
Ion Ratio Lower Upper
184 100
63 60.7 48.7 73.1
154 63.2 48.6 73.0

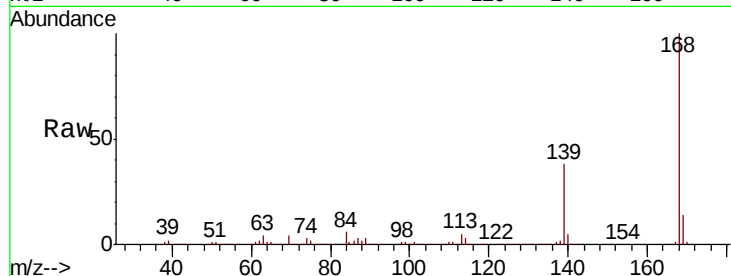




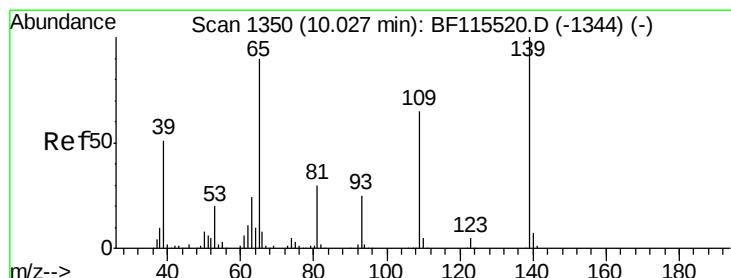
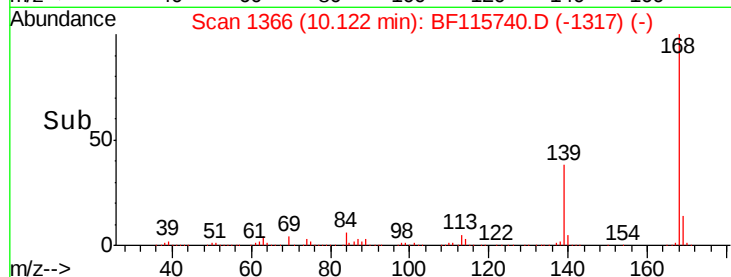
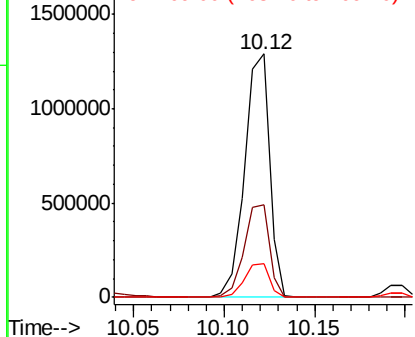
#55
Dibenzenofuran
Concen: 37.263 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1234180
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 13.8 11.1 16.7

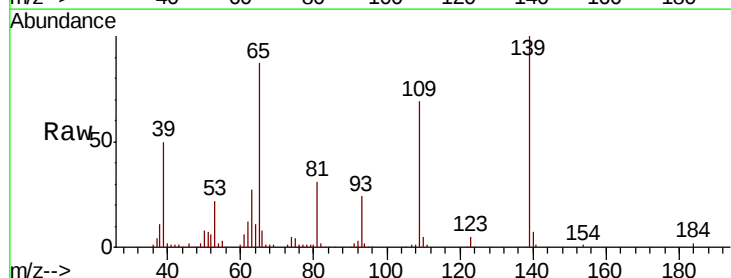


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

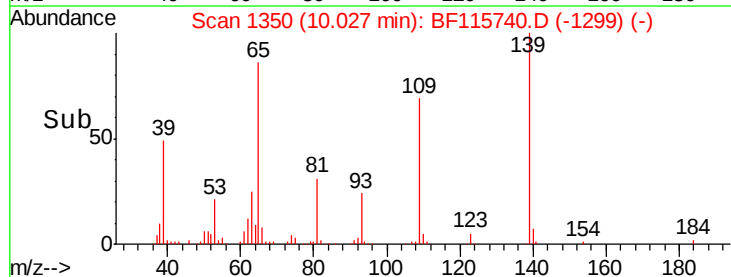
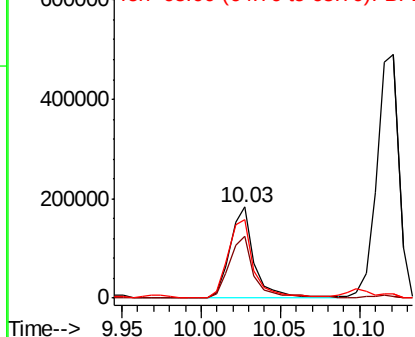


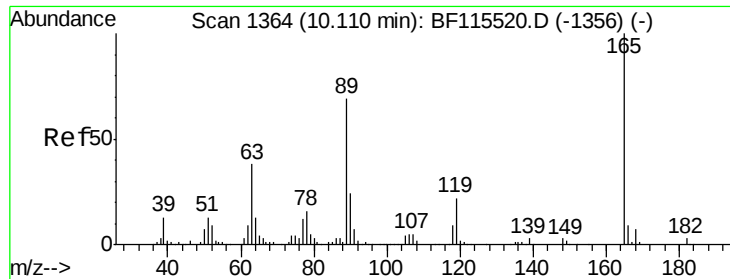
#56
4-Nitrophenol
Concen: 35.097 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:139 Resp: 195842
Ion Ratio Lower Upper
139 100
109 68.5 46.4 86.4
65 86.5 68.9 108.9



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

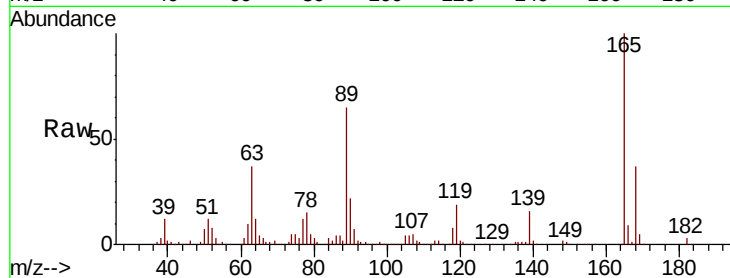




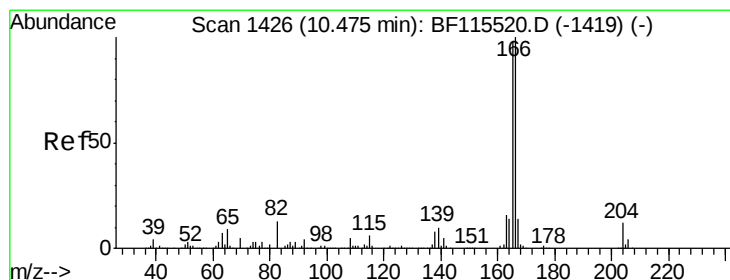
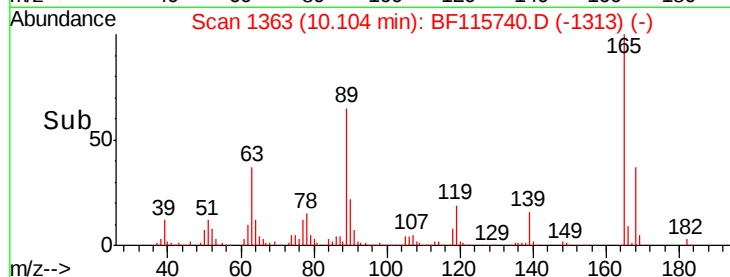
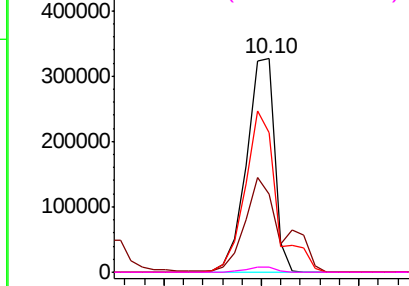
#57
2,4-Dinitrotoluene
Concen: 39.394 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	326817
Ion Ratio	Lower	Upper
165	100	
63	36.9	34.9 52.3
89	65.3	57.5 86.3
182	2.7	2.2 3.4

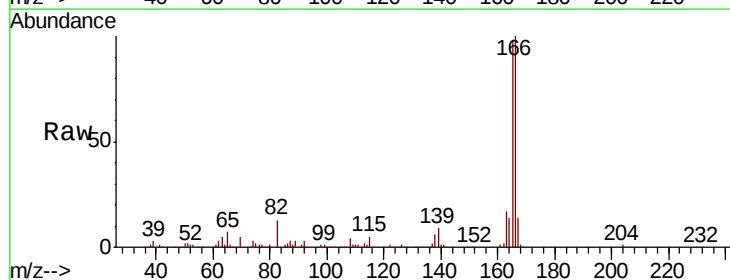


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

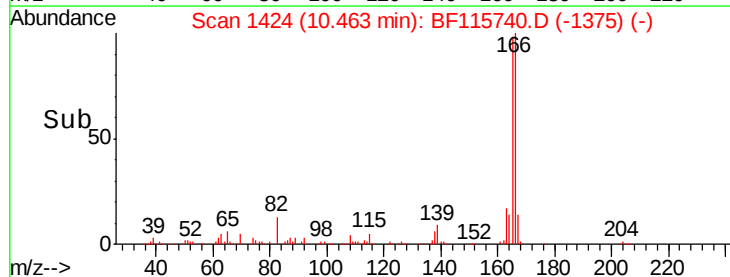
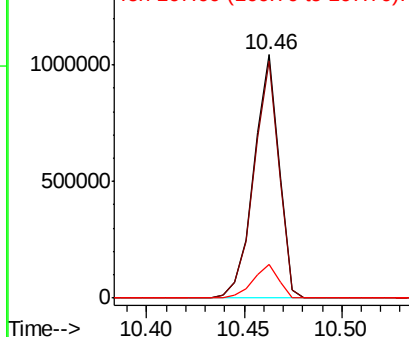


#58
Fluorene
Concen: 39.229 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:166	Resp:	928835
Ion Ratio	Lower	Upper
166	100	
165	97.6	79.8 119.6
167	13.6	11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

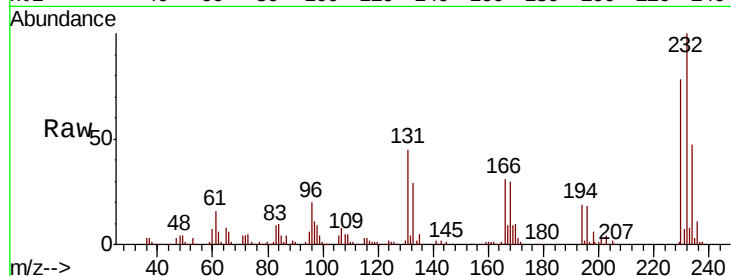




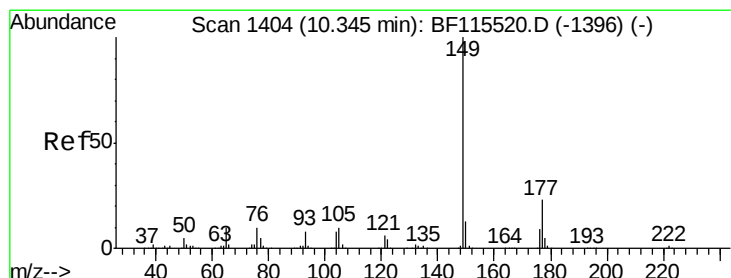
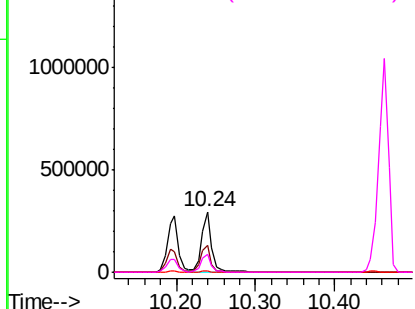
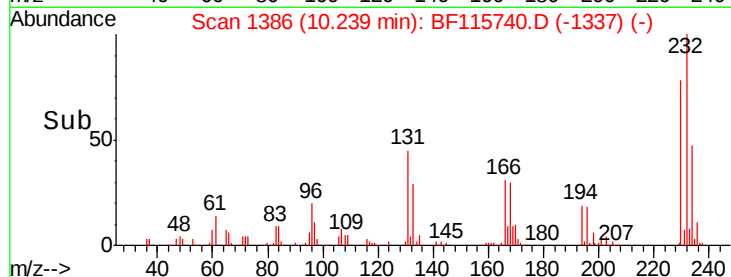
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.057 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	268711
Ion Ratio	Lower	Upper
232	100	
131	45.0	35.9 53.9
130	2.4	1.8 2.6
166	29.4	24.8 37.2

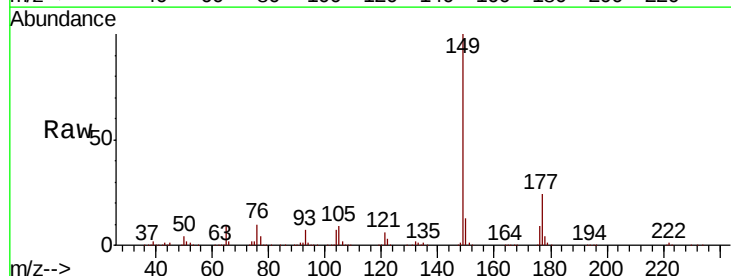


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

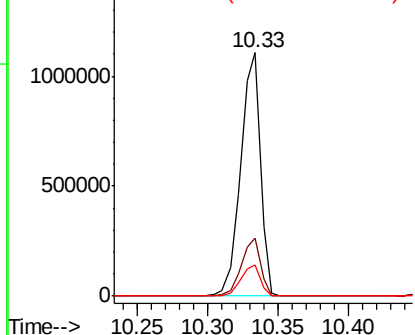
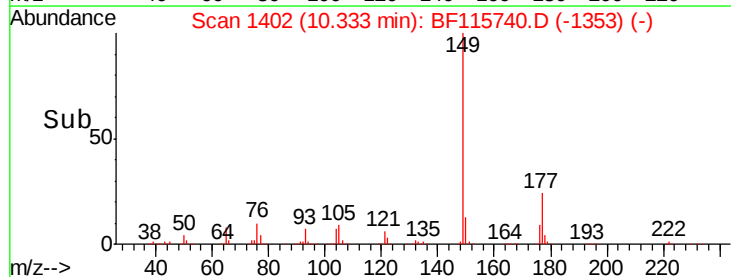


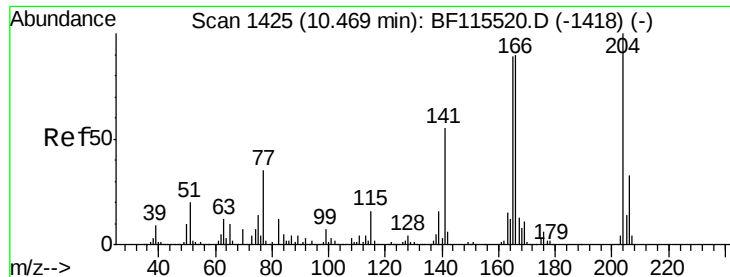
#60
 Diethylphthalate
 Concen: 40.769 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:149	Resp:	1076334
Ion Ratio	Lower	Upper
149	100	
177	23.6	19.5 29.3
150	12.6	10.4 15.6



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

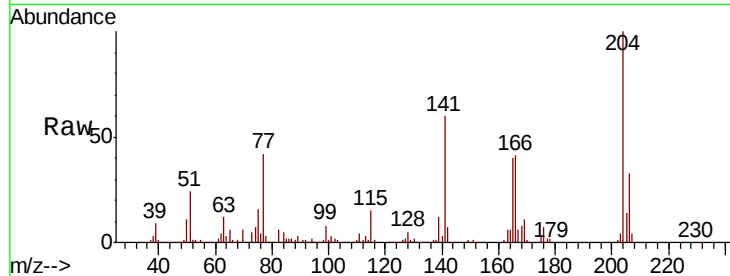




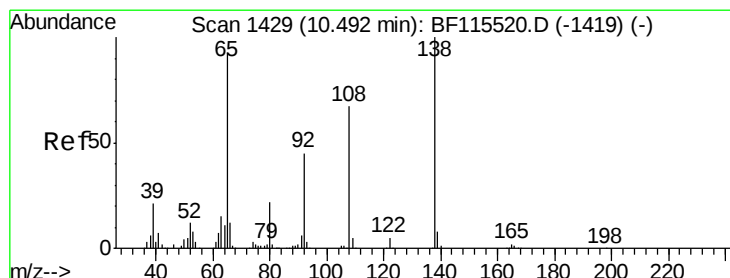
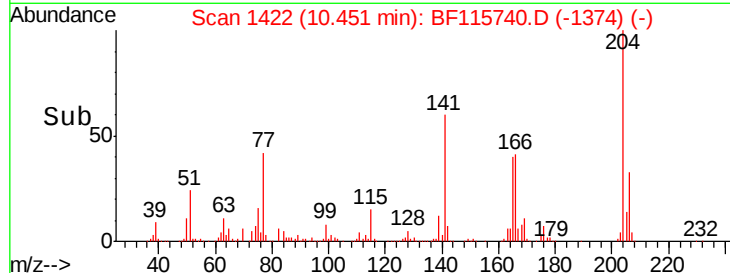
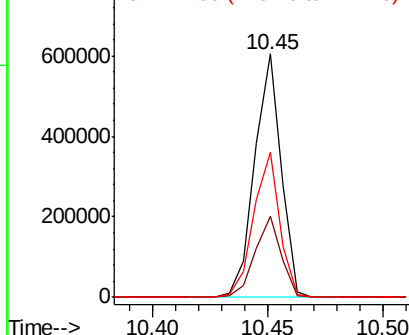
#61
 4-Chlorophenyl-phenylether
 Concen: 37.150 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 487796
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 59.5 44.2 66.2

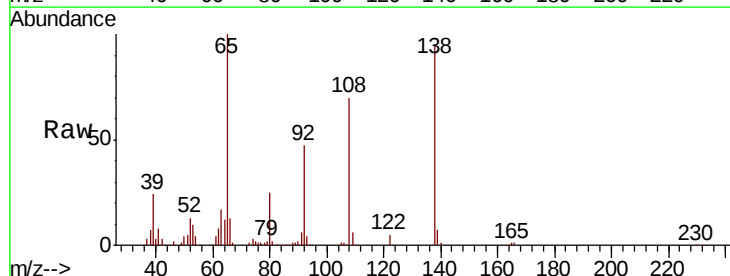


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

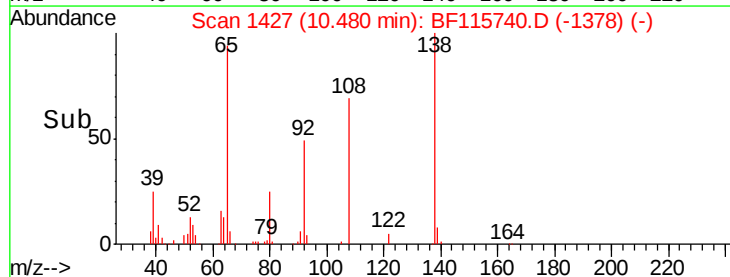
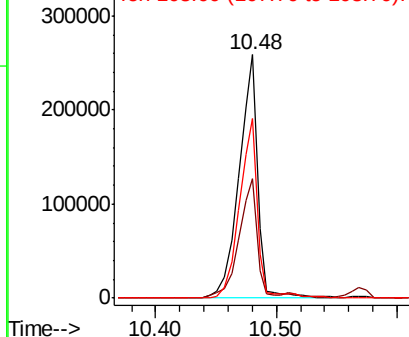


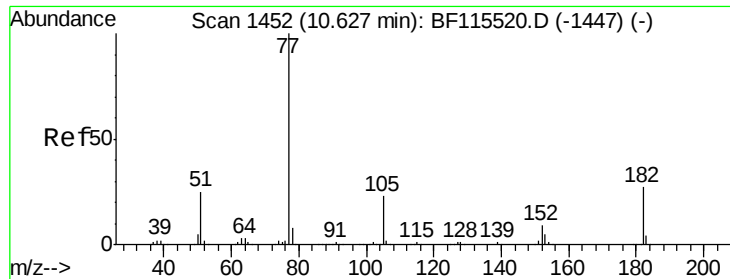
#62
 4-Nitroaniline
 Concen: 39.891 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:138 Resp: 280003
 Ion Ratio Lower Upper
 138 100
 92 49.3 27.1 67.1
 108 73.6 48.0 88.0



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

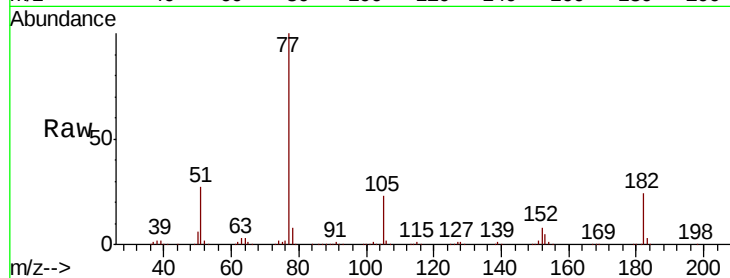




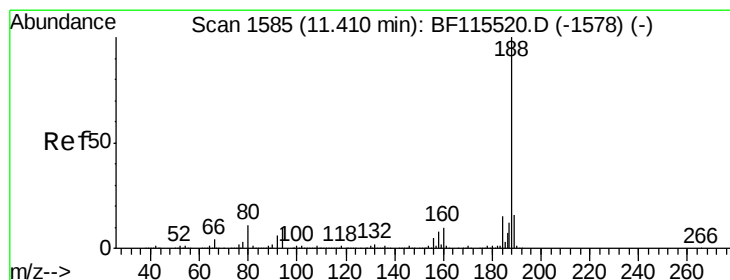
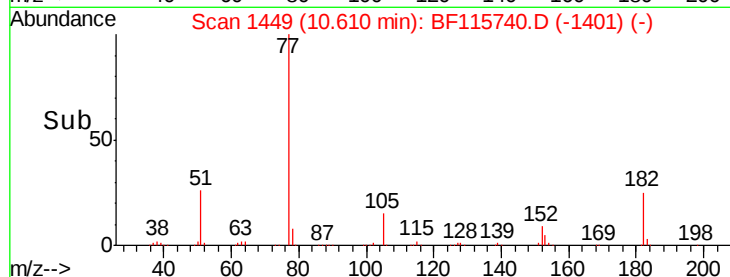
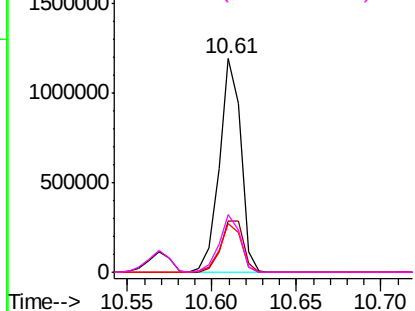
#63
Azobenzene
Concen: 41.318 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1058078
Ion Ratio Lower Upper
77 100
182 24.2 6.9 46.9
105 22.5 3.9 43.9
51 27.0 7.3 47.3

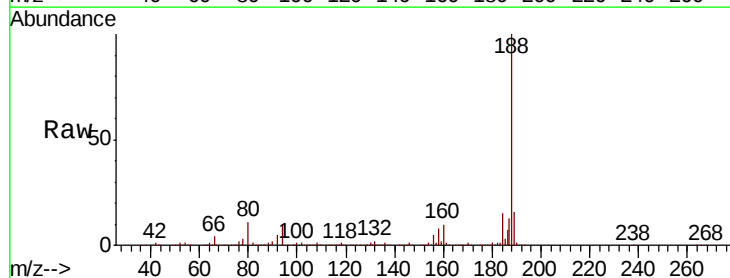


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

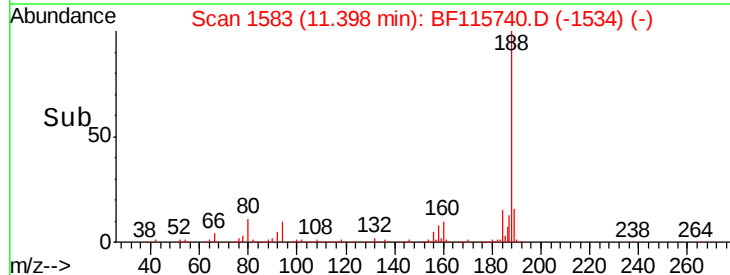
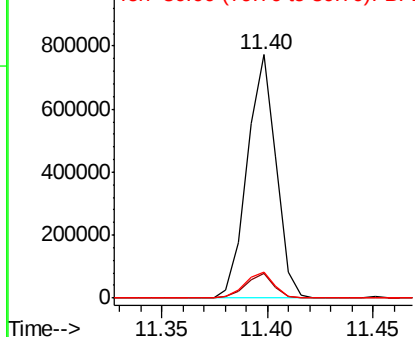


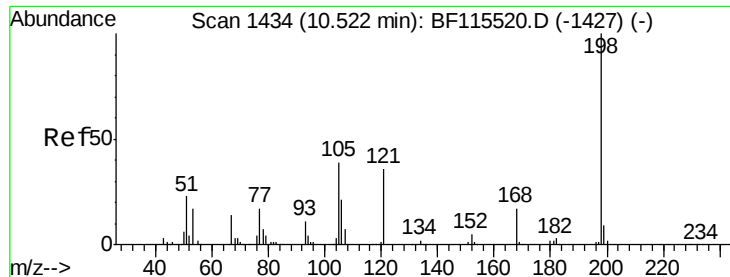
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion: 188 Resp: 731740
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.059 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

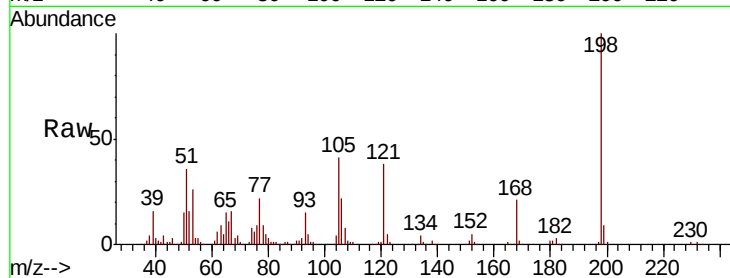
Tot Ion:198 Resp: 152267

Ion Ratio Lower Upper

198 100

51 35.7 19.1 59.1

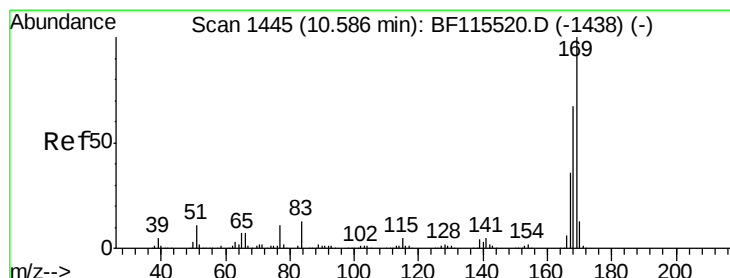
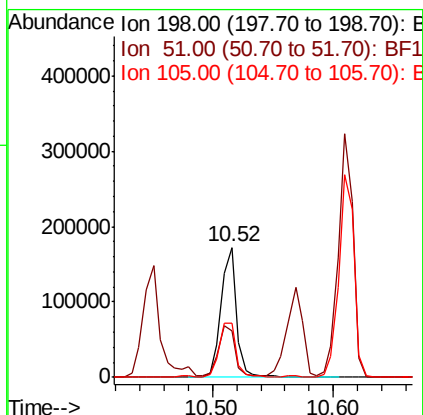
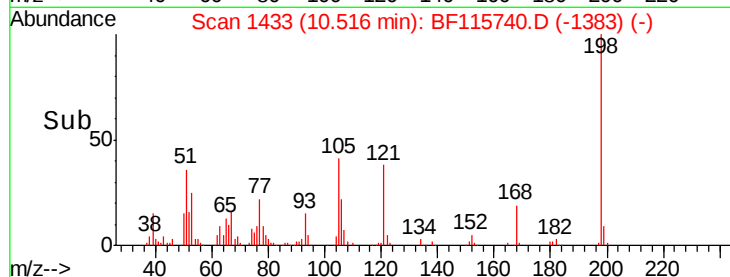
105 41.5 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.128 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

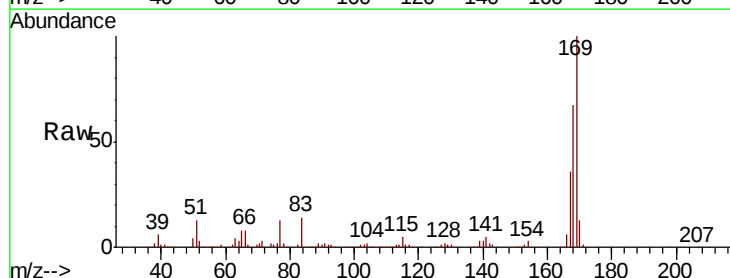
Tgt Ion:169 Resp: 867858

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

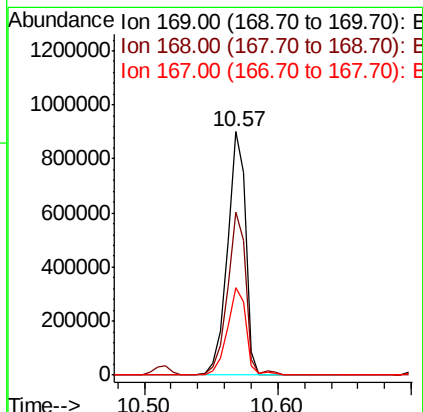
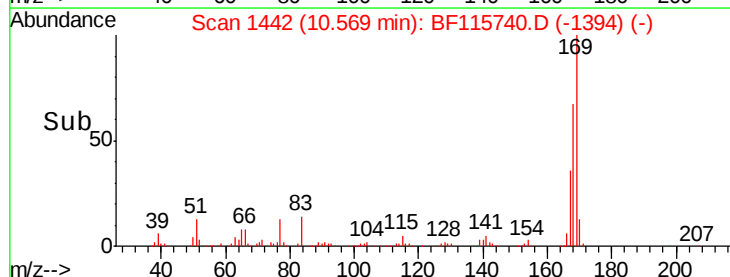
167 36.2 30.2 45.2

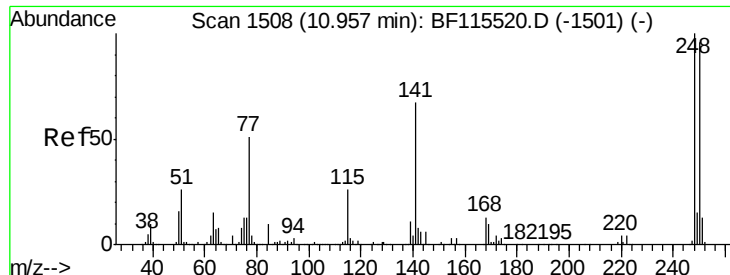


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

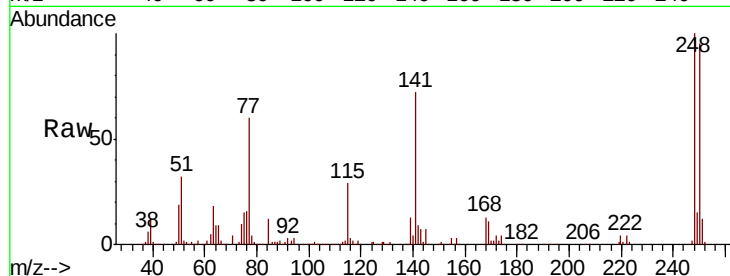




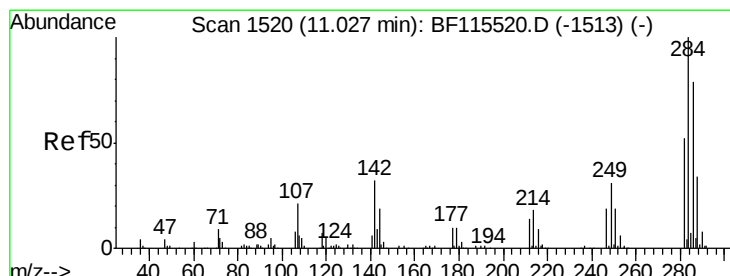
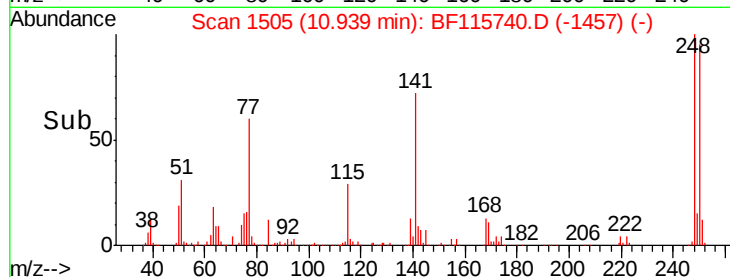
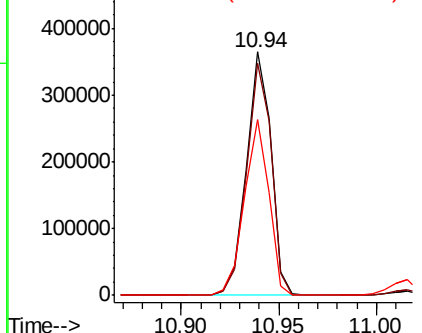
#67
4-Bromophenyl-phenylether
Concen: 38.134 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 318878
Ion Ratio Lower Upper
248 100
250 95.1 78.0 117.0
141 72.1 57.7 86.5

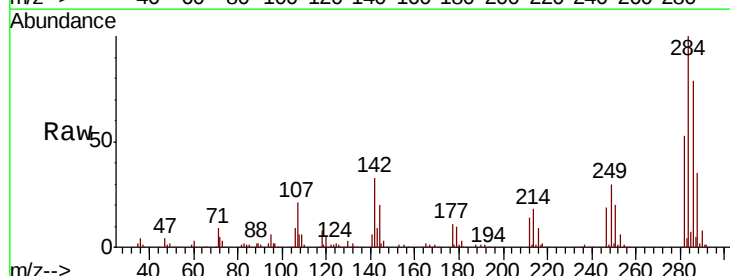


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

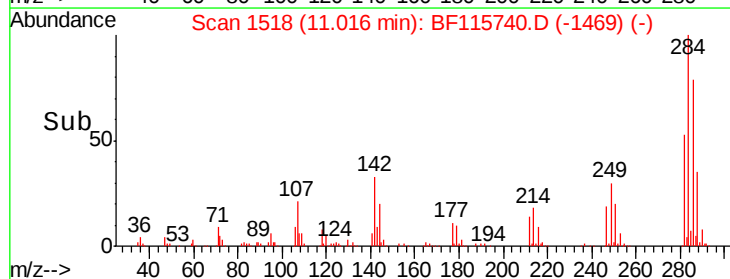
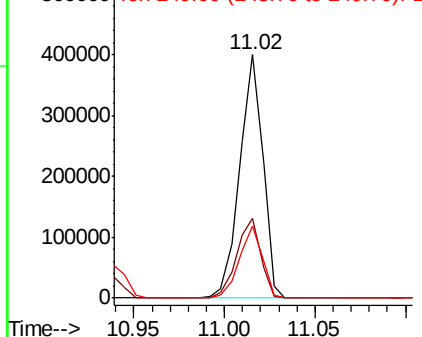


#68
Hexachlorobenzene
Concen: 37.179 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:284 Resp: 355041
Ion Ratio Lower Upper
284 100
142 33.0 22.2 33.2
249 29.8 23.4 35.2



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: 34.813 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

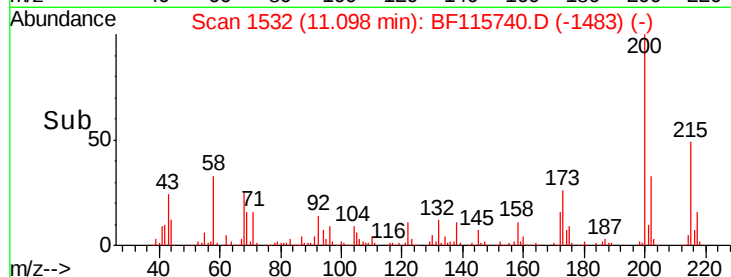
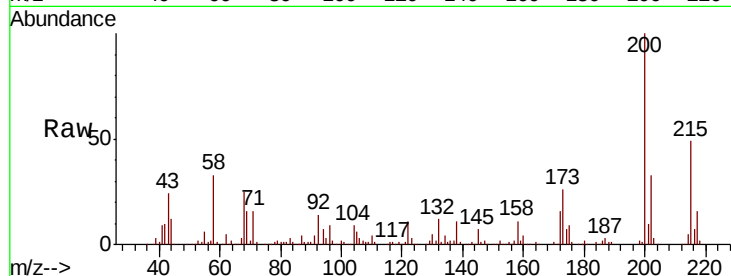
Tot Ion:200 Resp: 259955

Ion Ratio Lower Upper

200 100

173 26.1 6.9 46.9

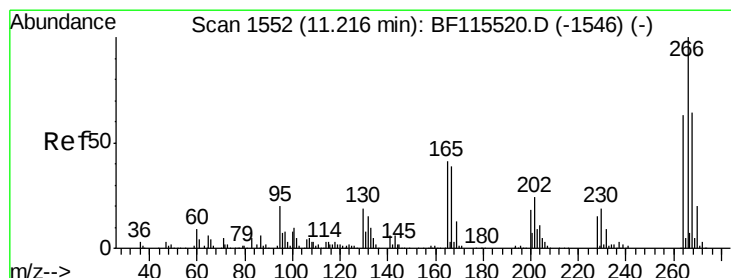
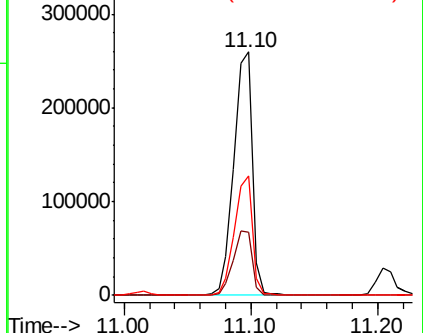
215 48.8 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 32.042 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

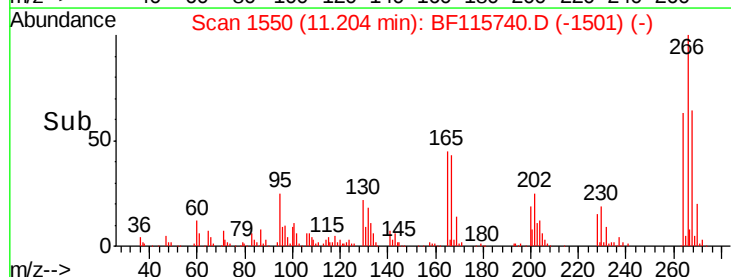
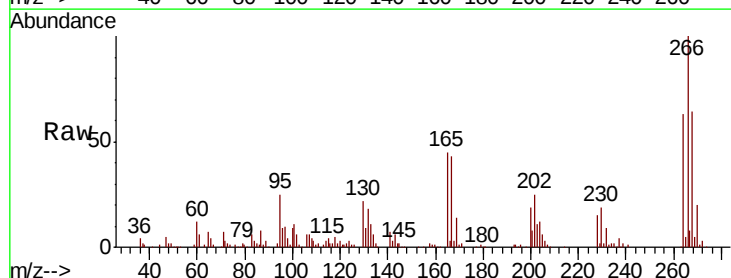
Tgt Ion:266 Resp: 187145

Ion Ratio Lower Upper

266 100

268 63.5 51.6 77.4

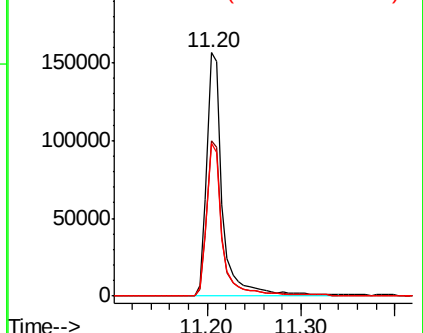
264 62.9 50.6 76.0

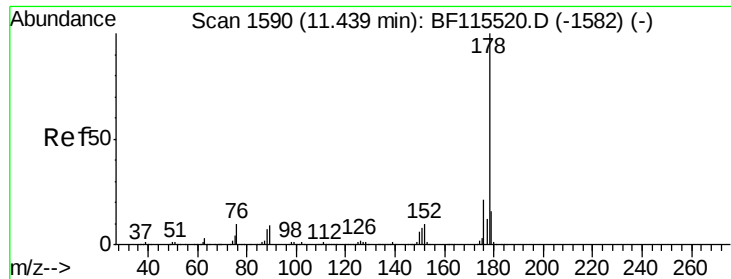


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.754 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

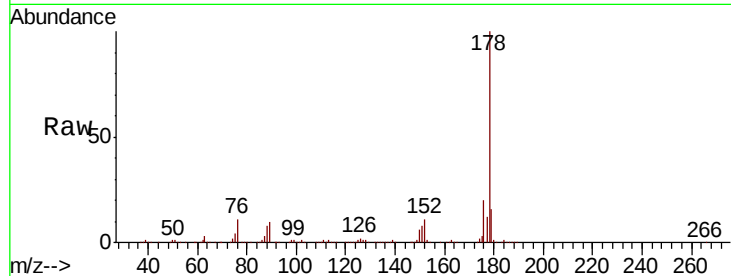
Tot Ion:178 Resp: 1416080

Ion Ratio Lower Upper

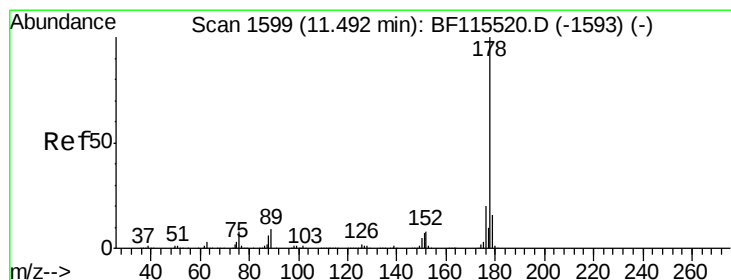
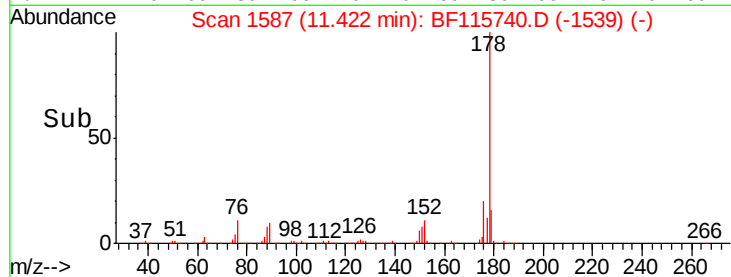
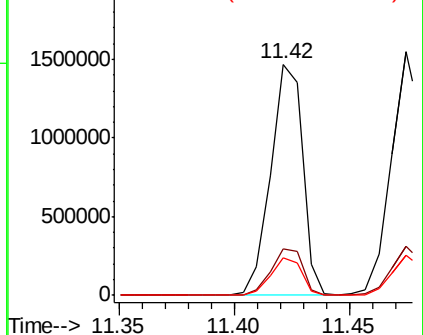
178 100

176 20.3 17.2 25.8

179 16.3 13.5 20.3



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: 37.386 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

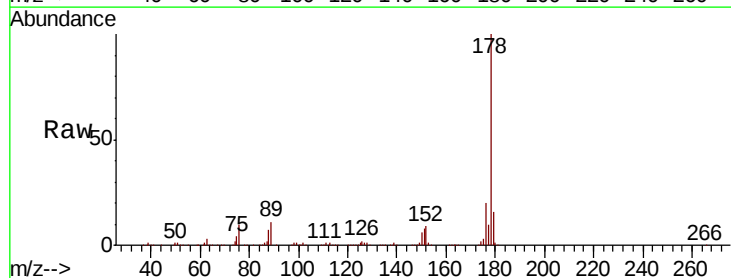
Tgt Ion:178 Resp: 1449227

Ion Ratio Lower Upper

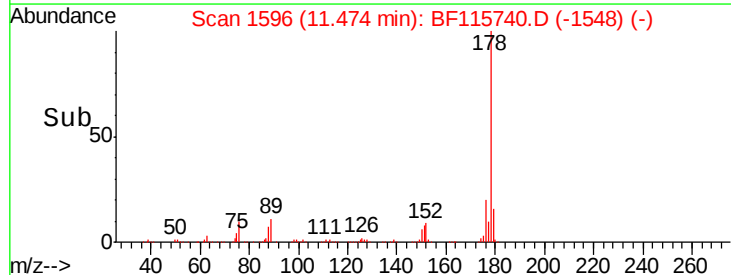
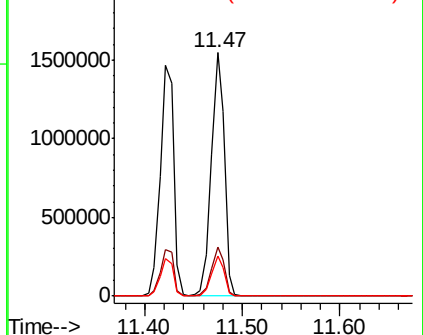
178 100

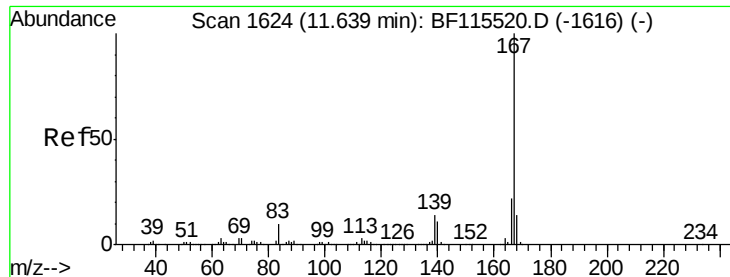
176 20.3 15.9 23.9

179 16.4 12.7 19.1



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



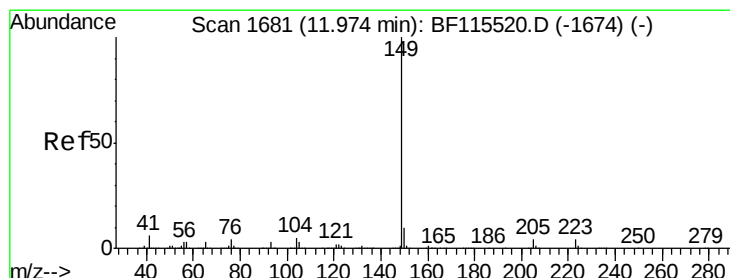
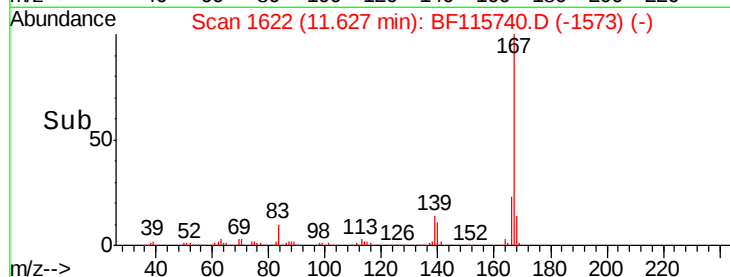
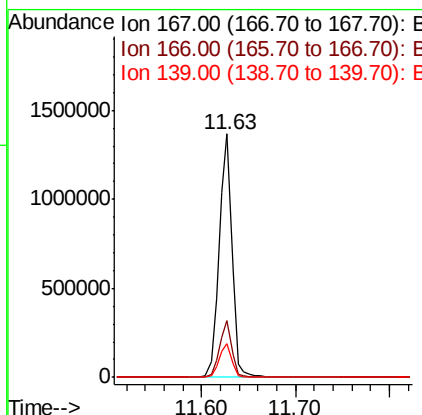
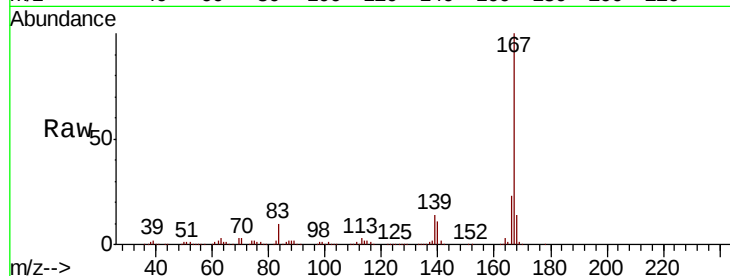


#73
 Carbazole
 Concen: 38.412 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1305737

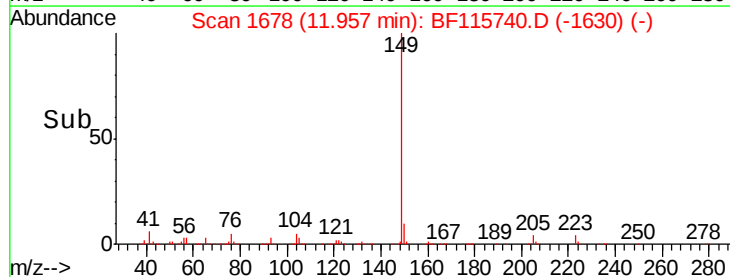
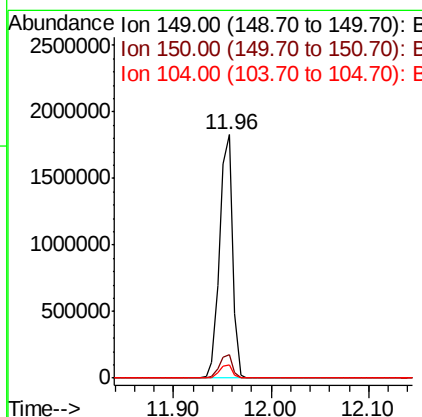
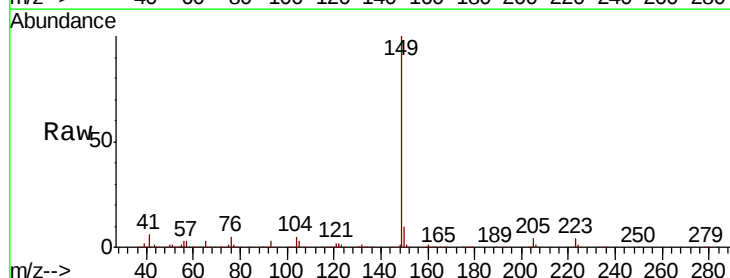
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.1	27.1
139	13.9	11.3	16.9

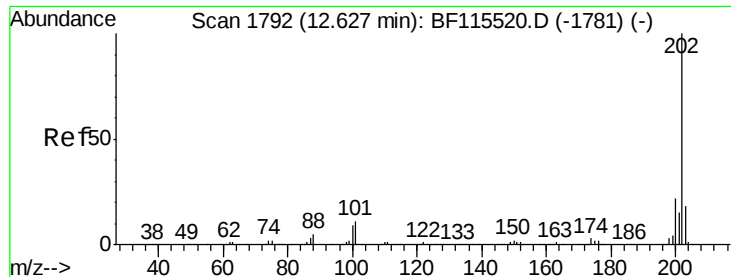


#74
 Di-n-butylphthalate
 Concen: 40.359 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:149 Resp: 1689875

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	3.8	5.8

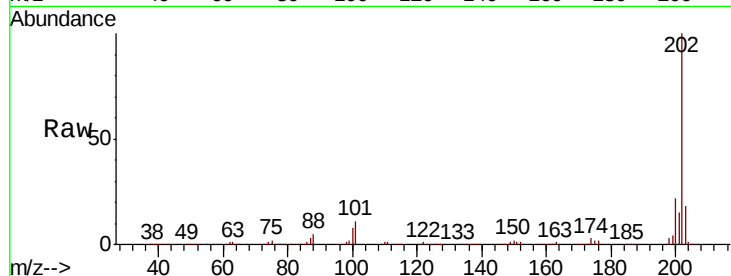




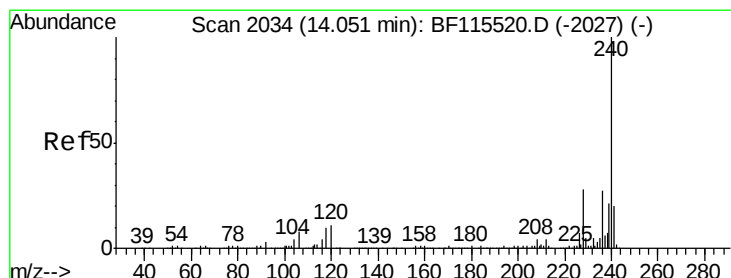
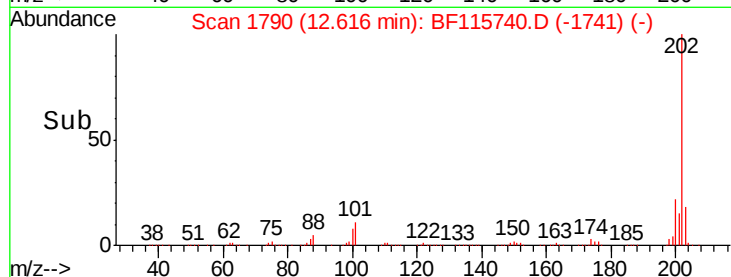
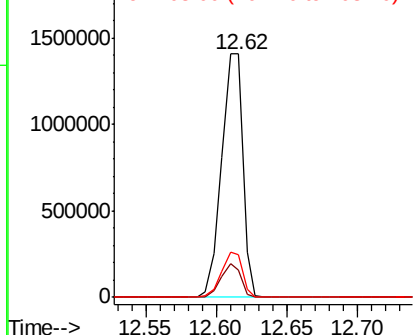
#75
Fluoranthene
Concen: 37.411 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1482837
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.7 0.0 38.1

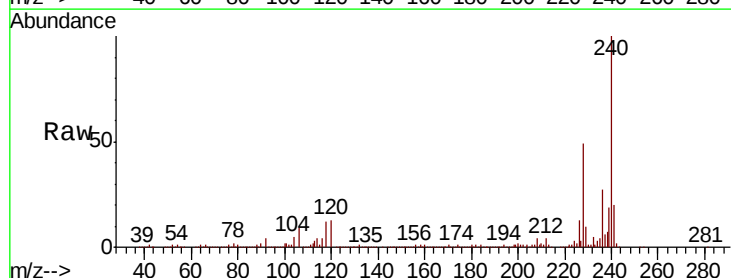


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

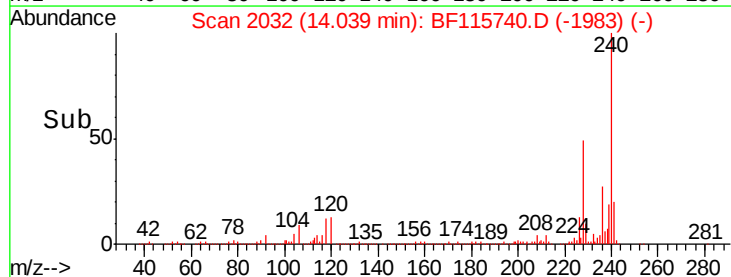
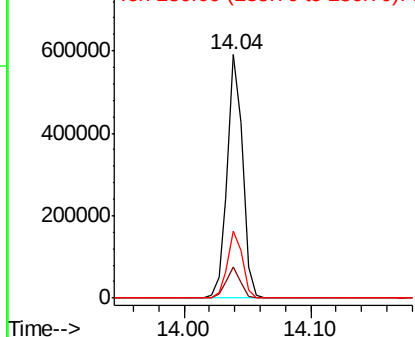


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:240 Resp: 496818
Ion Ratio Lower Upper
240 100
120 12.9 8.6 13.0
236 27.4 21.3 31.9



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





#77

Benzidine

Concen: 35.559 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

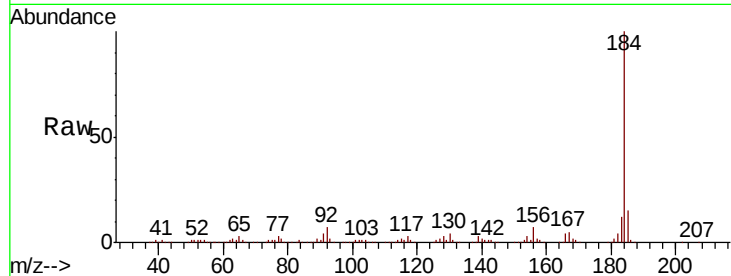
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 625837

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.0	18.0
183	11.7	9.3	13.9

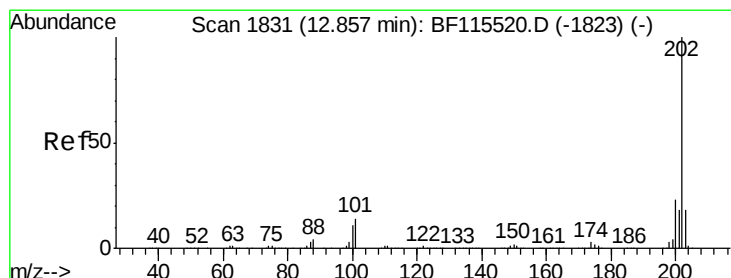
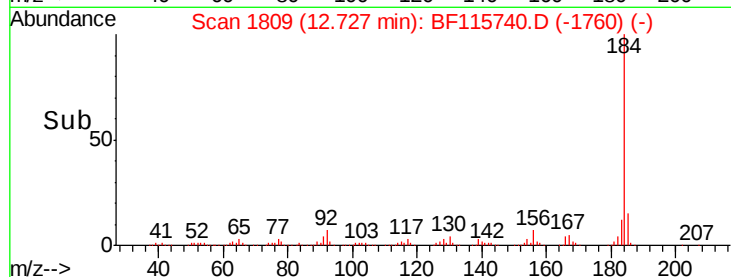
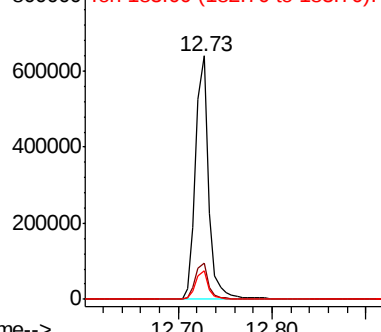


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.887 ng

RT: 12.84 min Scan# 1828

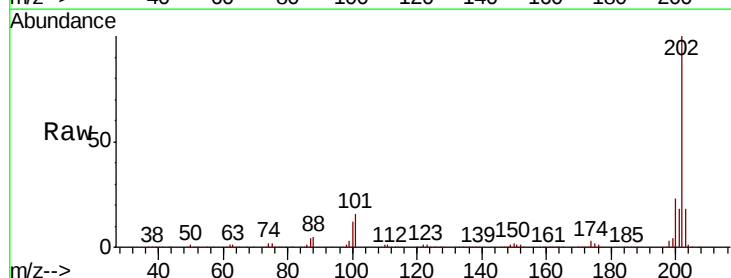
Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Tgt Ion:202 Resp: 1510577

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.7	28.1
203	18.4	15.2	22.8

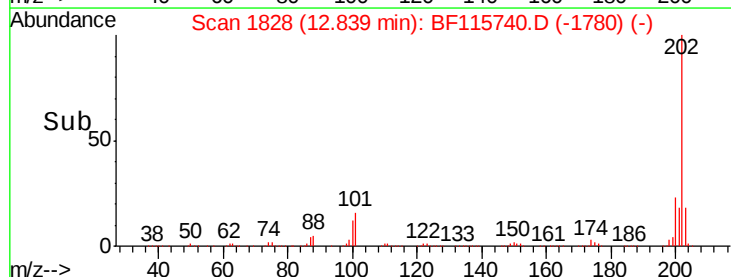
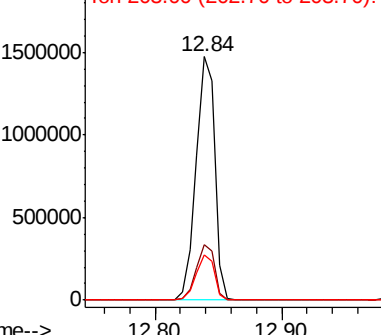


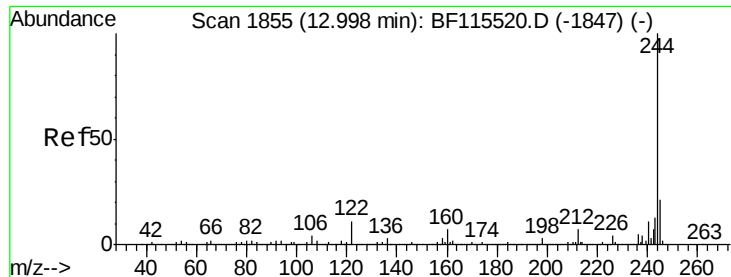
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.032 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampled :

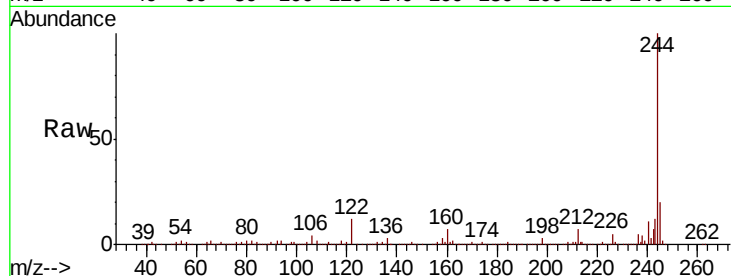
Tot Ion:244 Resp: 1966423

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

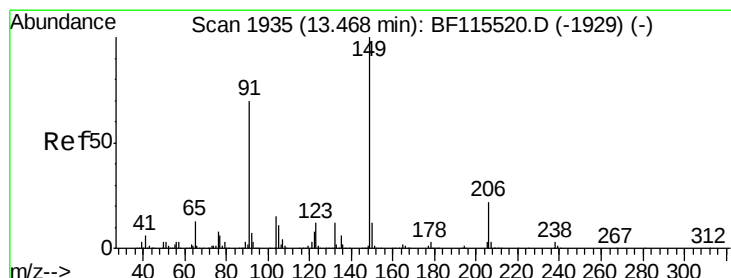
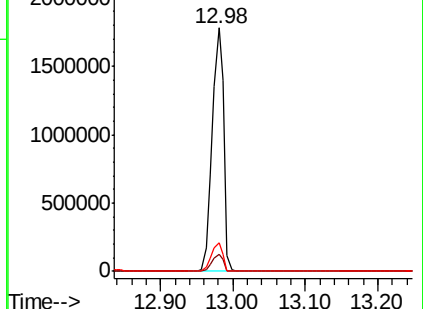
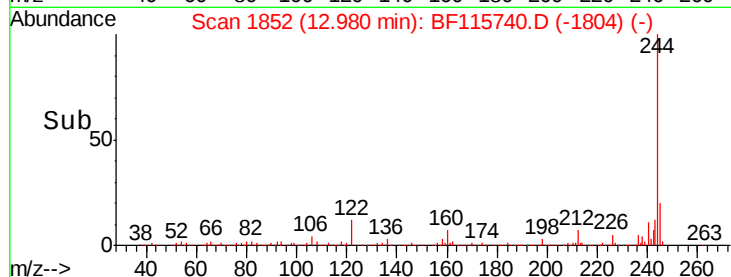
122 11.7 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.041 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

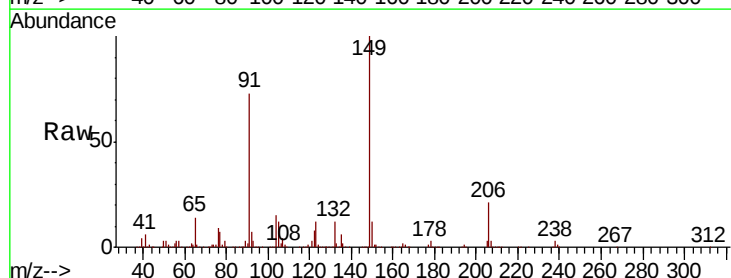
Tgt Ion:149 Resp: 718479

Ion Ratio Lower Upper

149 100

91 72.7 55.8 83.8

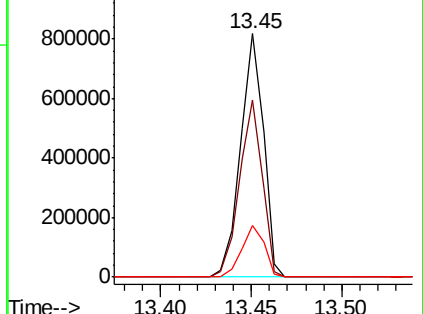
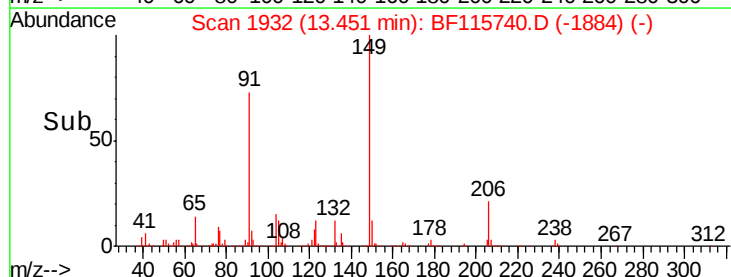
206 21.1 18.2 27.2

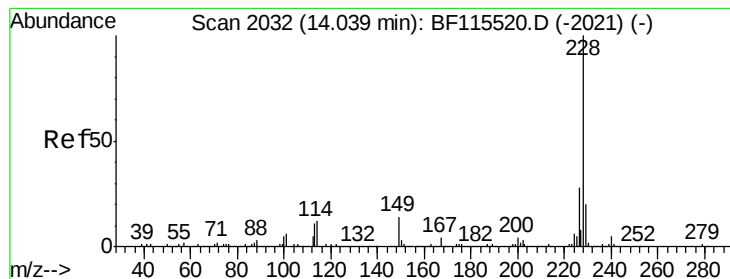


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.425 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

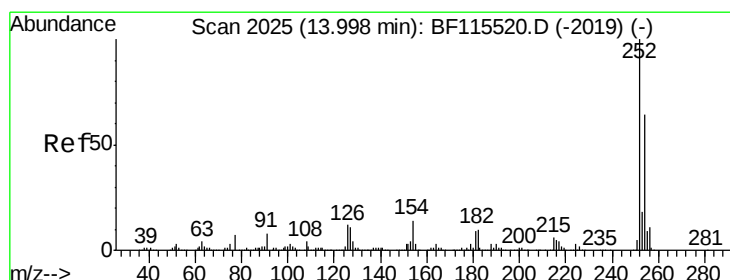
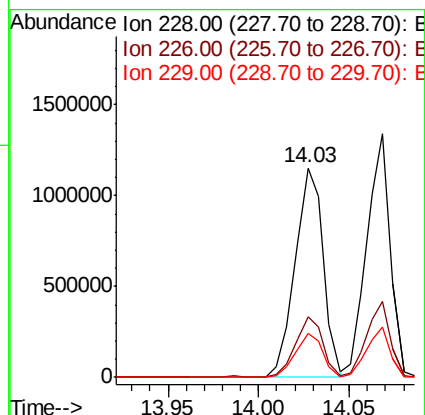
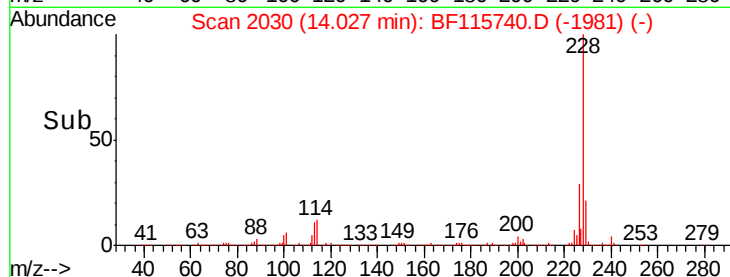
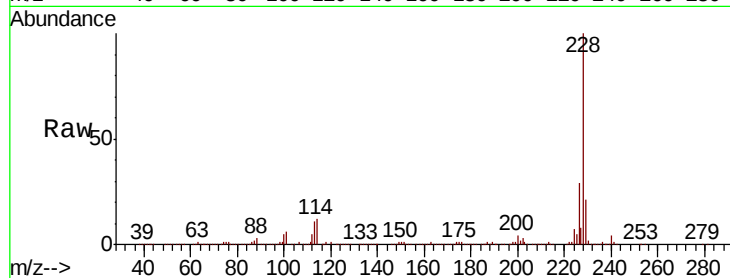
Tot Ion:228 Resp: 1257663

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	20.7	17.2	25.8

228 100

226 28.8 23.4 35.0

229 20.7 17.2 25.8



#82

3,3'-Dichlorobenzidine

Concen: 39.142 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

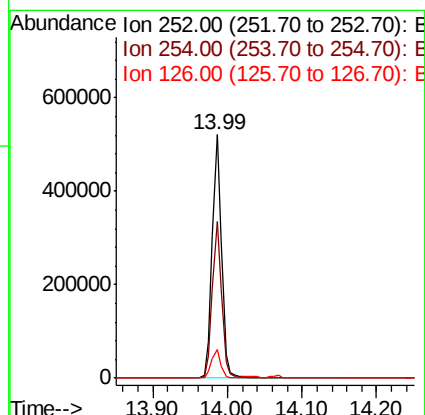
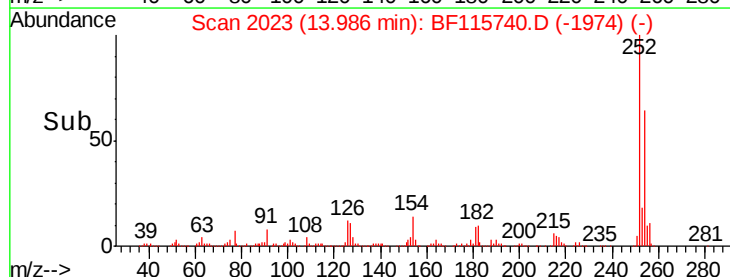
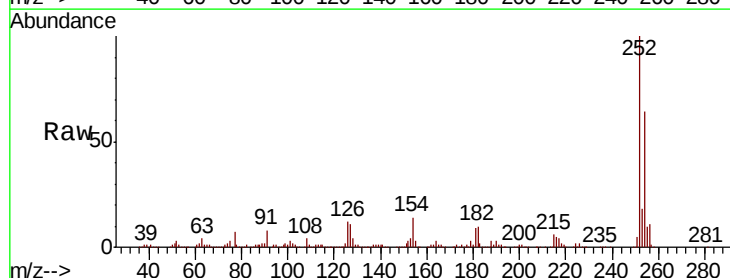
Tgt Ion:252 Resp: 455441

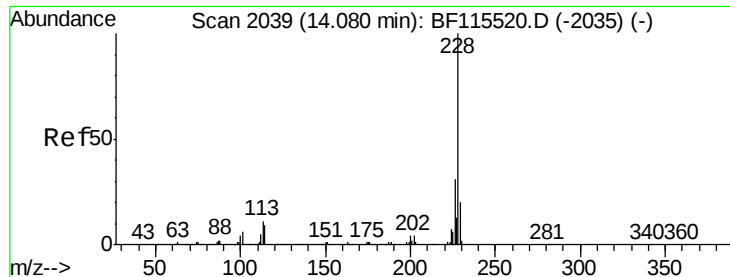
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.9	79.3
126	11.7	9.9	14.9

252 100

254 64.2 52.9 79.3

126 11.7 9.9 14.9





#83

Chrysene

Concen: 36.891 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

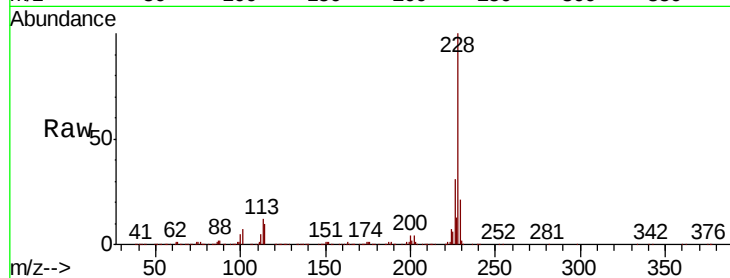
Tot Ion:228 Resp: 1212131

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

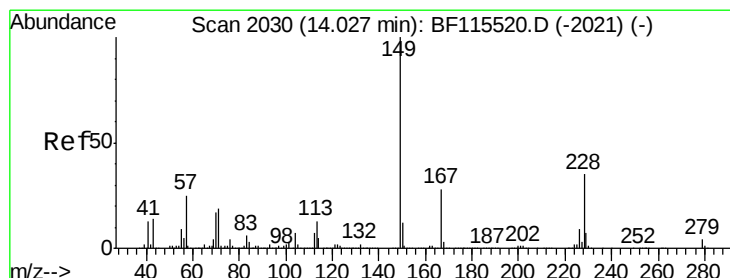
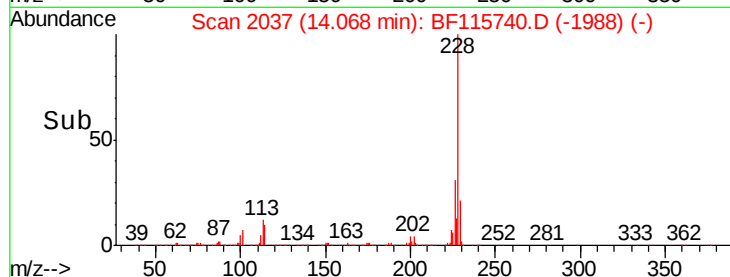
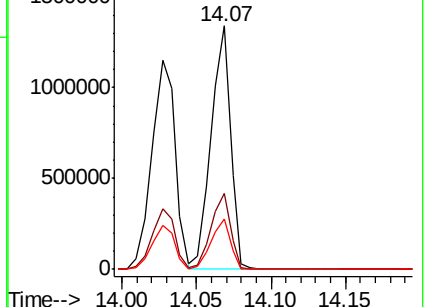
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.885 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

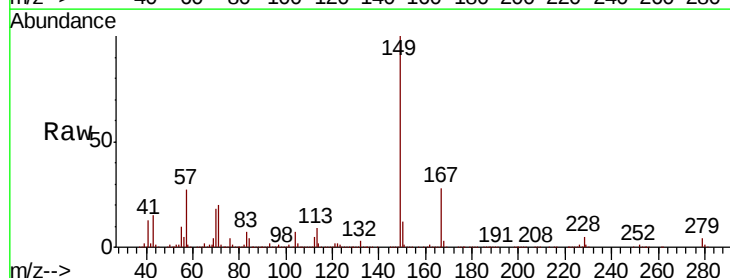
Tgt Ion:149 Resp: 975412

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

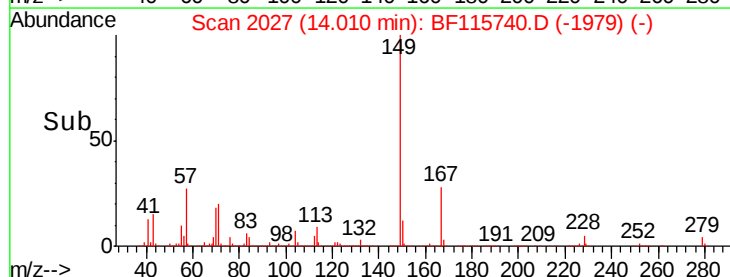
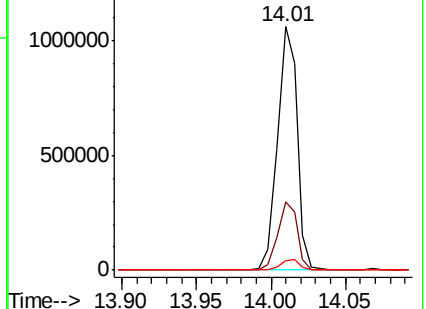
279 4.0 4.2 6.2#

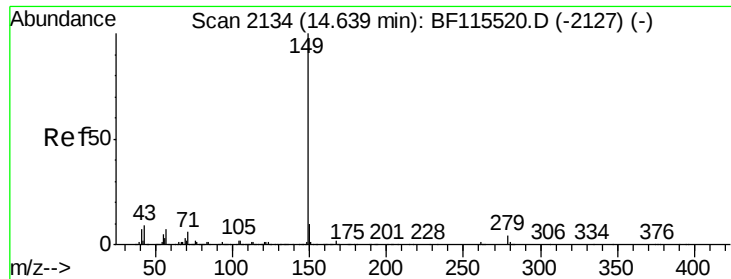


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.282 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

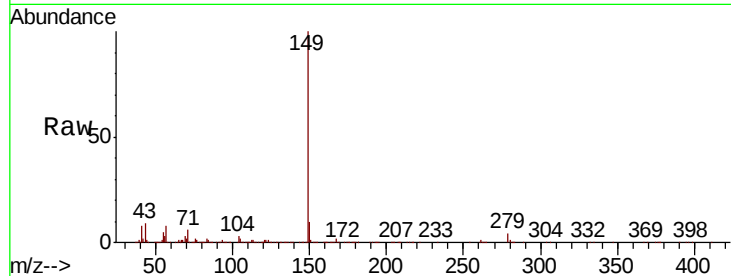
Tot Ion:149 Resp: 1530661

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

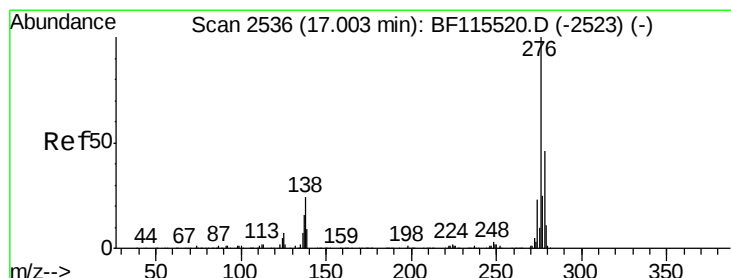
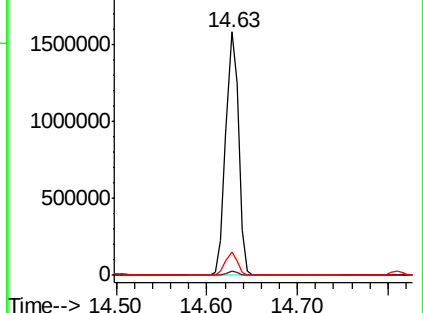
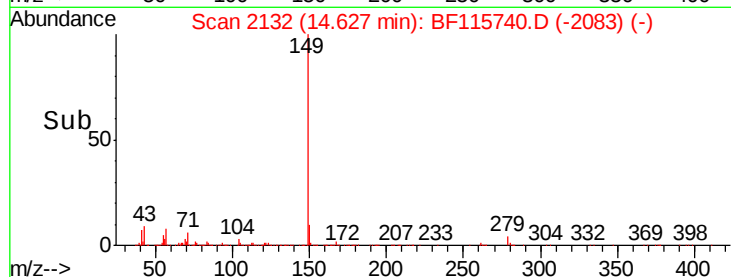
43 9.2 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.275 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

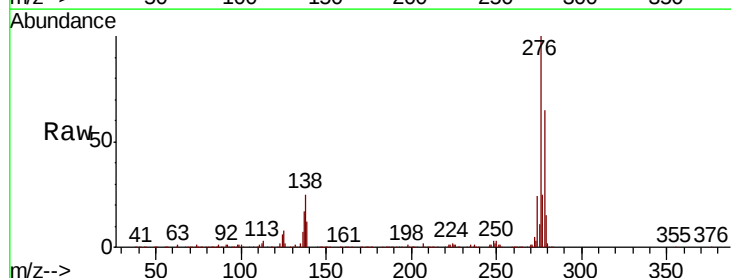
Tgt Ion:276 Resp: 1068420

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.2

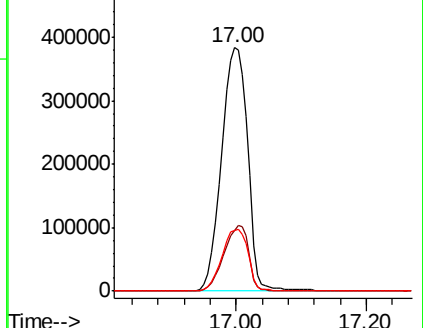
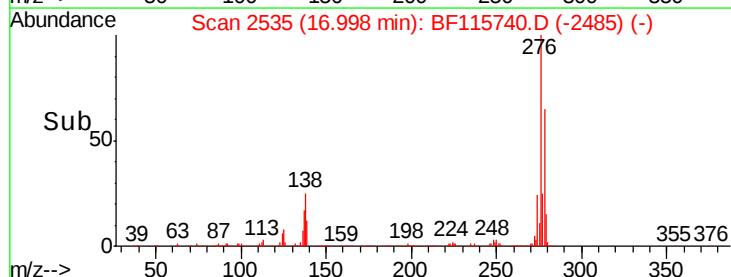
277 25.6 20.4 30.6

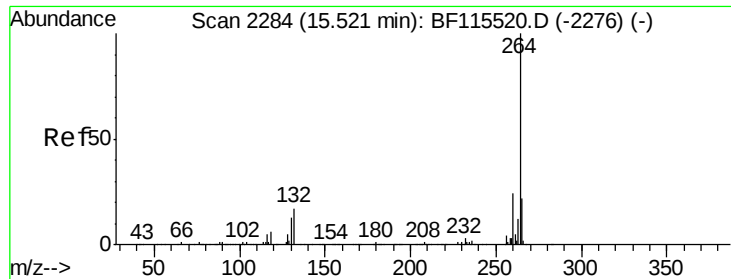


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

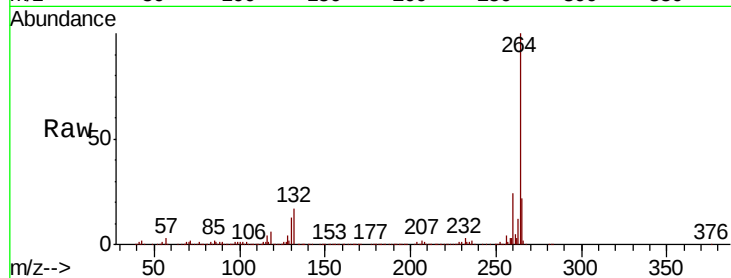
Tot Ion:264 Resp: 473859

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.8

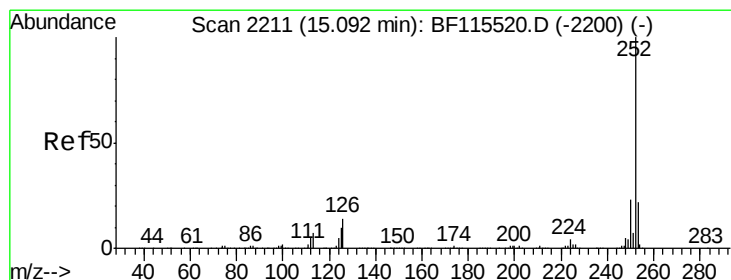
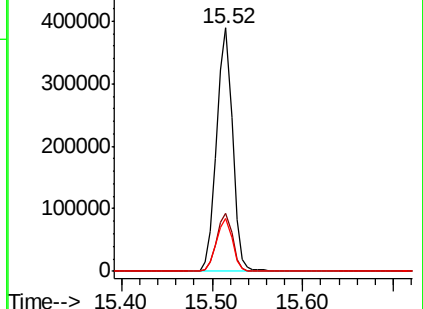
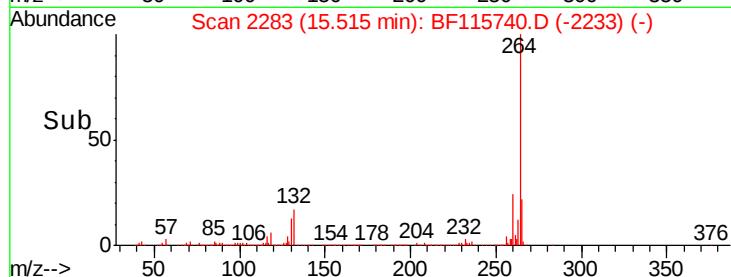
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.711 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

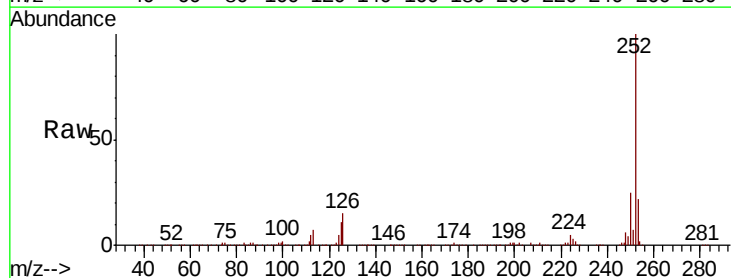
Tgt Ion:252 Resp: 1089635

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

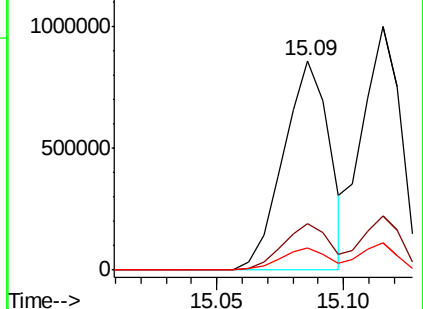
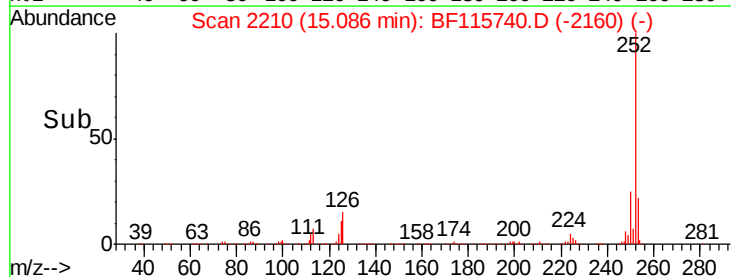
125 10.9 9.0 13.4

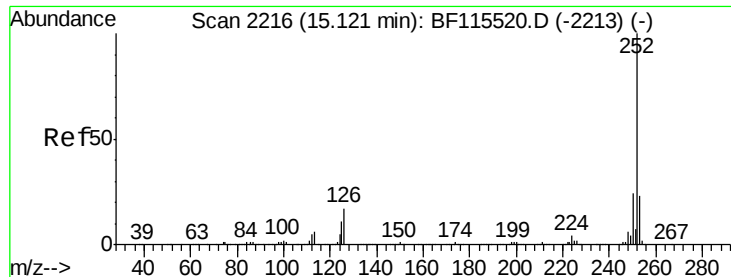


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

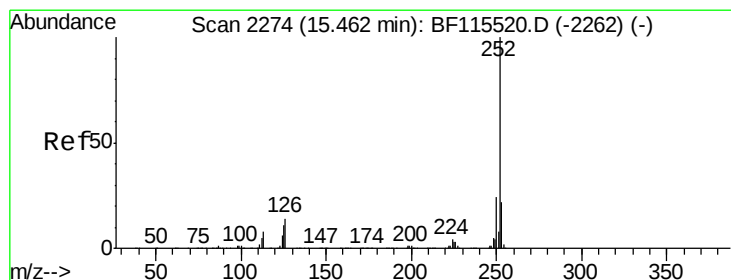
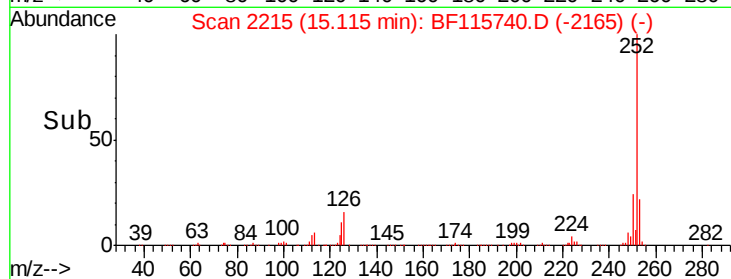
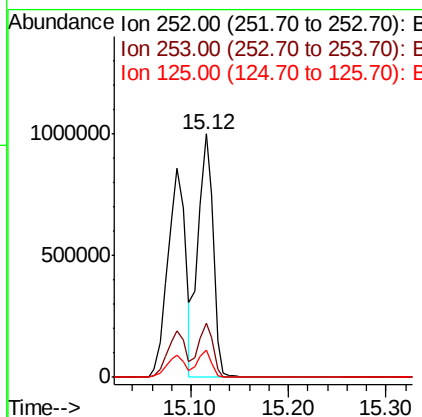
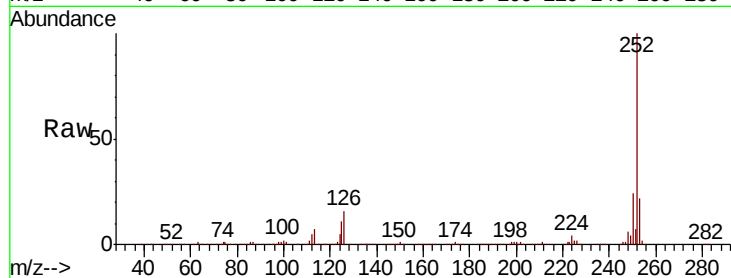




#89
Benzo(k)fluoranthene
Concen: 39.078 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

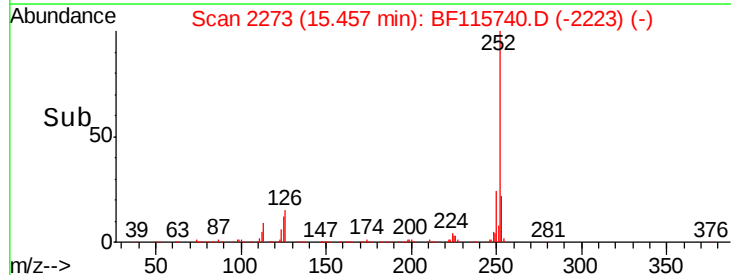
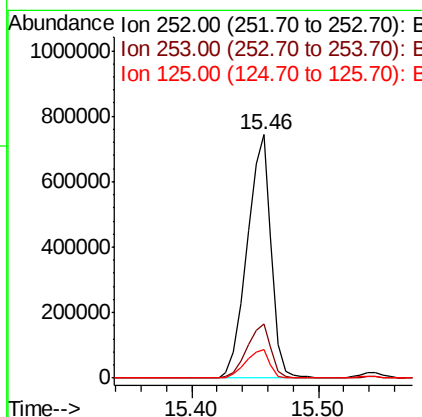
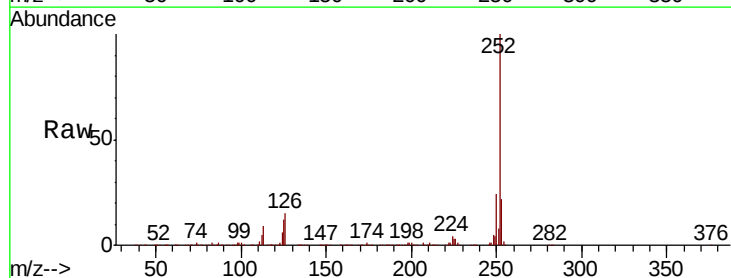
Instrument :
BNA_F
ClientSampleId :

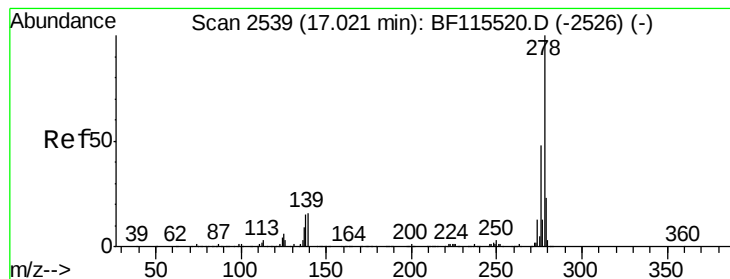
Tot Ion:252 Resp: 1063069
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 11.1 9.0 13.6



#90
Benzo(a)pyrene
Concen: 37.179 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:252 Resp: 975037
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 38.745 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

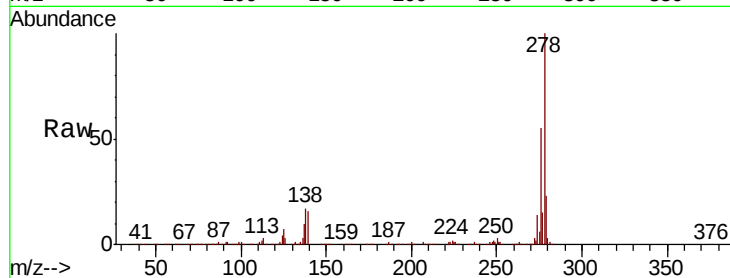
Tot Ion:278 Resp: 892036

Ion Ratio Lower Upper

278 100

139 16.3 13.1 19.7

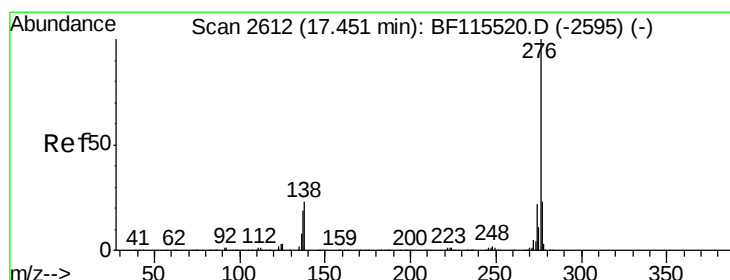
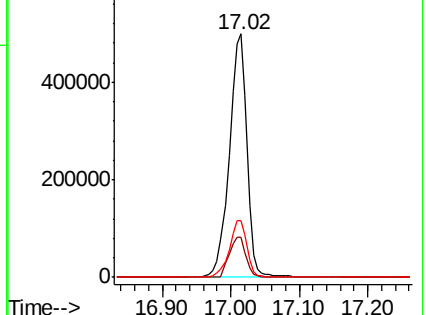
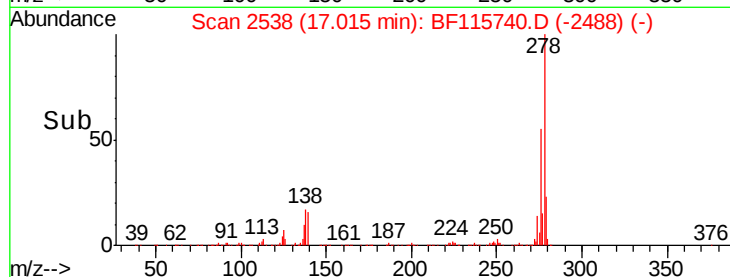
279 23.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.311 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

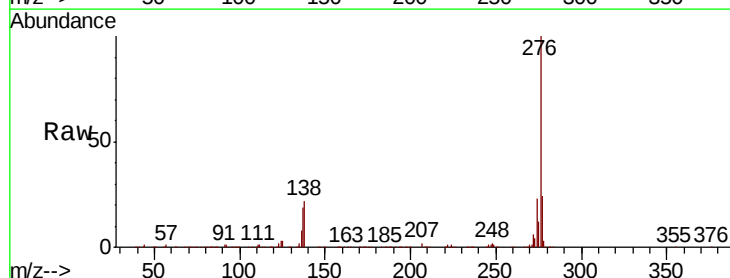
Tgt Ion:276 Resp: 833768

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.3 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

