

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 :
 SSTDCCC040

Quant Time: Jul 24 16:41:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 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	0.00
21) Naphthalene-d8	8.16	136	723666	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	374516	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	731740	20.00	ng	0.00
76) Chrysene-d12	14.04	240	496818	20.00	ng	0.00
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	0.00
42) 2,4,6-Tribromophenol	10.70	330	327550	74.93	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1691557	79.05	ng	0.00
79) Terphenyl-d14	12.98	244	1966423	73.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	190475	37.325	ng	100
3) Pyridine	3.42	79	523217	37.790	ng	100
4) n-Nitrosodimethylamine	3.36	42	207466	41.305	ng	100
6) Aniline	6.54	93	712792	39.457	ng	100
8) 2-Chlorophenol	6.66	128	468091	39.796	ng	100
9) Benzaldehyde	6.42	77	317893	39.188	ng	100
10) Phenol	6.52	94	595195	39.497	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	456627	39.800	ng	100
12) 1,3-Dichlorobenzene	6.82	146	510081	38.571	ng	100
13) 1,4-Dichlorobenzene	6.89	146	513485	38.916	ng	100
14) 1,2-Dichlorobenzene	7.05	146	482293	39.986	ng	100
15) Benzyl Alcohol	7.02	79	407029	39.526	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	633722	41.955	ng	100
17) 2-Methylphenol	7.13	107	395958	39.063	ng	100
18) Hexachloroethane	7.39	117	193640	39.539	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	337502	39.865	ng	100
20) 3+4-Methylphenols	7.28	107	465049	38.625	ng	100
22) Acetophenone	7.29	105	621647	38.024	ng	100
24) Nitrobenzene	7.46	77	526619	39.231	ng	100
25) Isophorone	7.70	82	966334	38.803	ng	100
26) 2-Nitrophenol	7.77	139	264701	38.311	ng	100
27) 2,4-Dimethylphenol	7.81	122	380588	36.814	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	604595	39.573	ng	100
29) 2,4-Dichlorophenol	8.02	162	415922	38.685	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	458225	37.704	ng	100
31) Naphthalene	8.18	128	1353575	38.621	ng	100
32) Benzoic acid	7.94	122	278381	32.812	ng	100
33) 4-Chloroaniline	8.22	127	606437	39.064	ng	100
34) Hexachlorobutadiene	8.30	225	269353	38.648	ng	100
35) Caprolactam	8.60	113	131644	39.624	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	438026	39.276	ng	100
37) 2-Methylnaphthalene	8.87	142	911345	39.228	ng	100
38) 1-Methylnaphthalene	8.97	142	872207	39.526	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	419289	37.178	ng	100

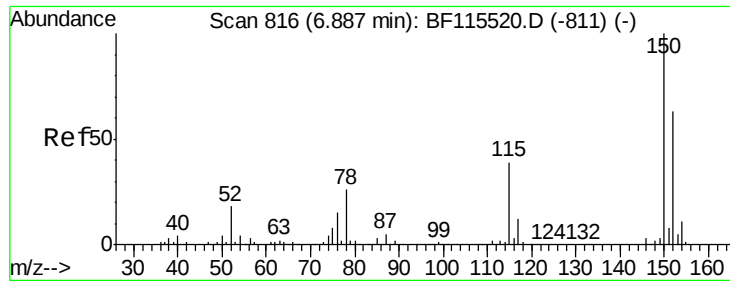
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	273923	42.578	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	293924	35.638	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	313171	37.078	ng	100
46) 1,1'-Biphenyl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

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF115740.D

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SSTDCCC040

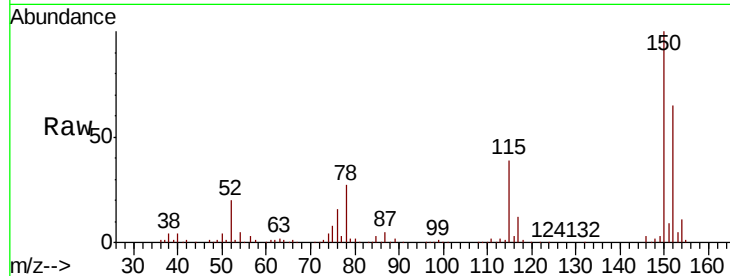
Tot Ion:152 Resp: 167340

Ion Ratio Lower Upper

152 100

150 153.5 122.8 184.2

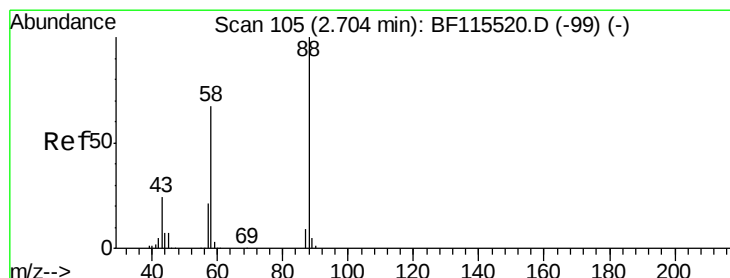
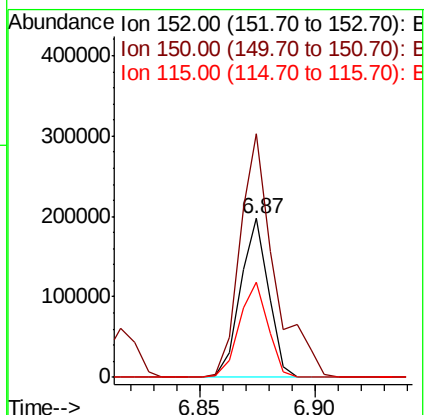
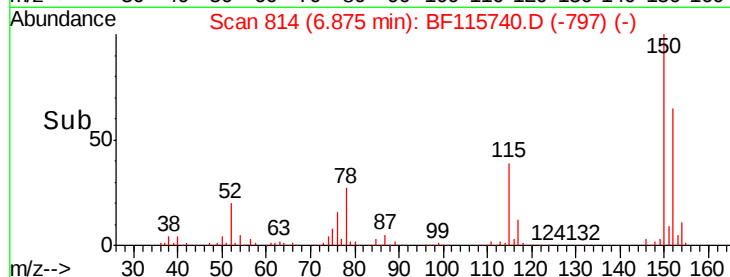
115 60.2 48.2 72.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.325 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

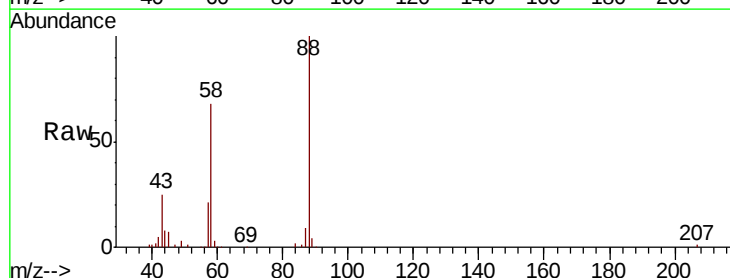
Tgt Ion: 88 Resp: 190475

Ion Ratio Lower Upper

88 100

58 67.2 53.8 80.6

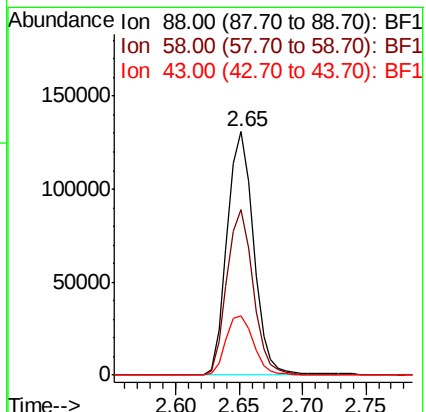
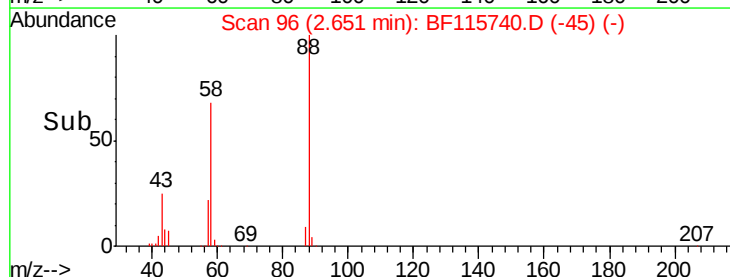
43 25.6 20.5 30.7

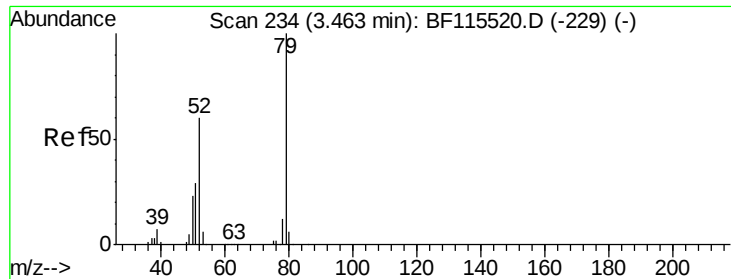


Abundance Ion 88.00 (87.70 to 88.70): BF1

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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

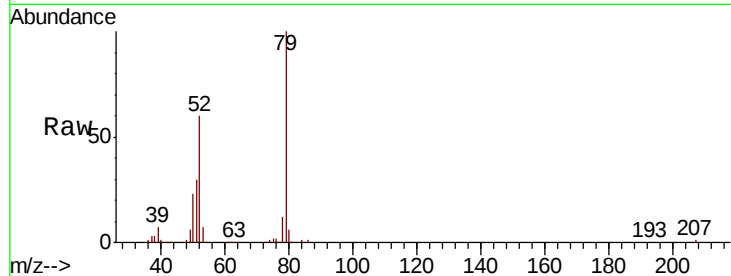
Tot Ion: 79 Resp: 523217

Ion Ratio Lower Upper

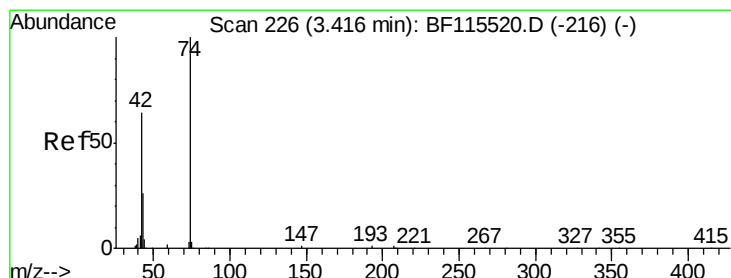
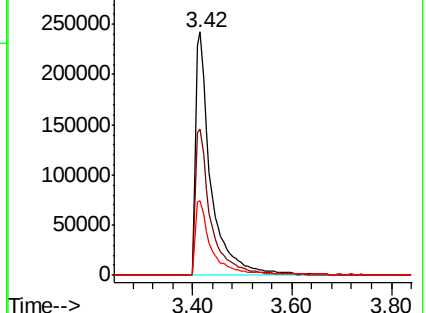
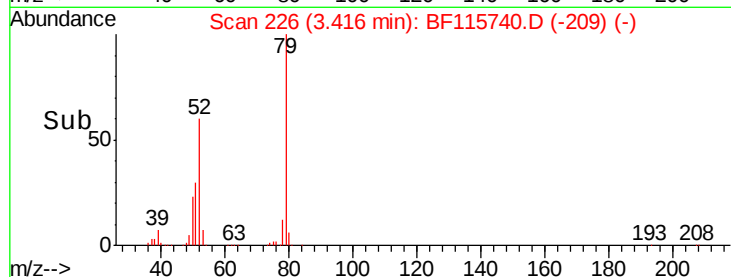
79 100

52 59.9 47.9 71.9

51 30.5 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.305 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

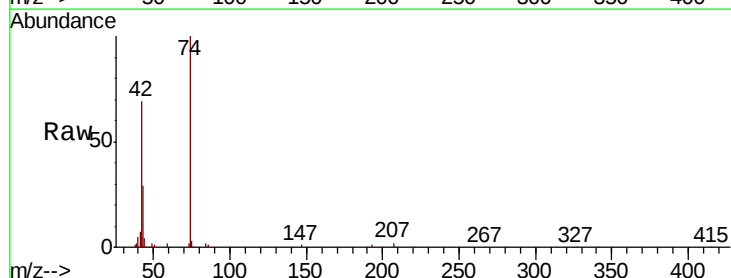
Tgt Ion: 42 Resp: 207466

Ion Ratio Lower Upper

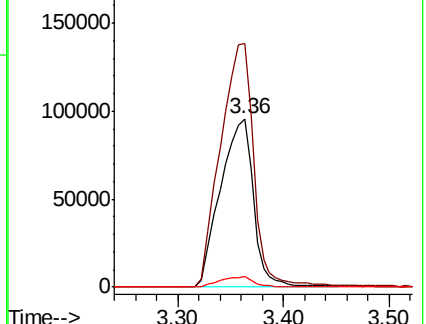
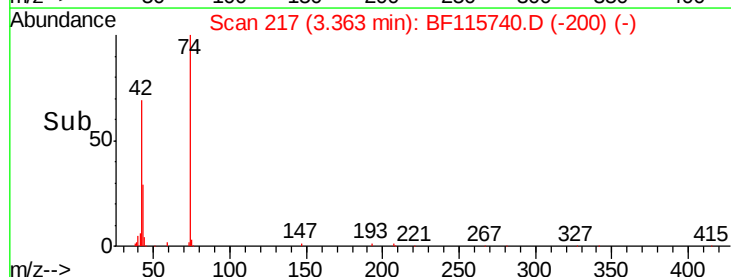
42 100

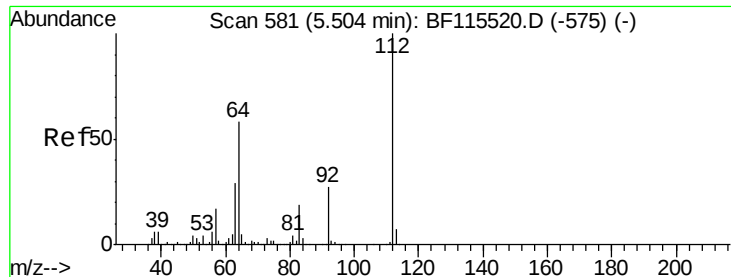
74 144.4 115.5 173.3

44 6.2 5.0 7.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.218 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

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SSTDCCC040

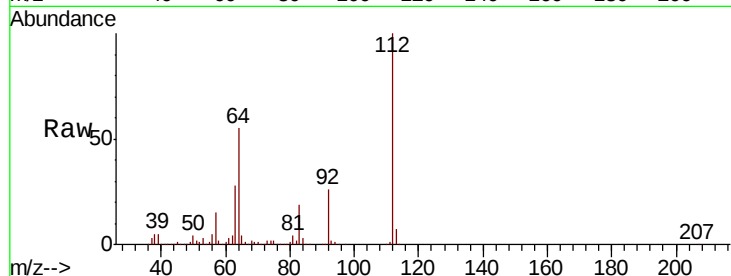
Tot Ion:112 Resp: 800204

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.8

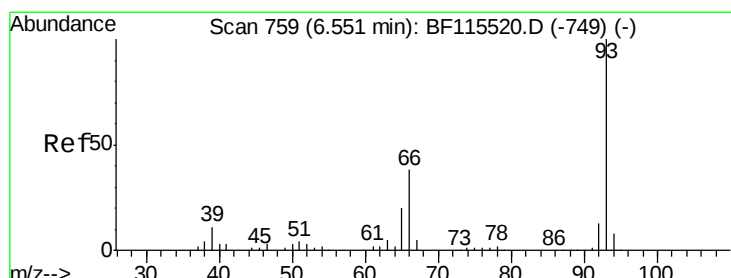
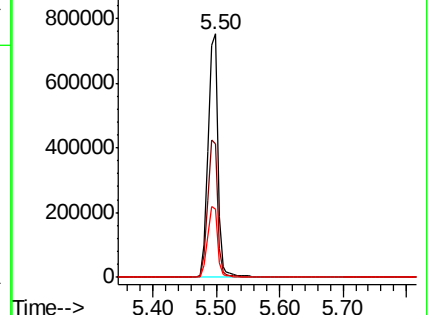
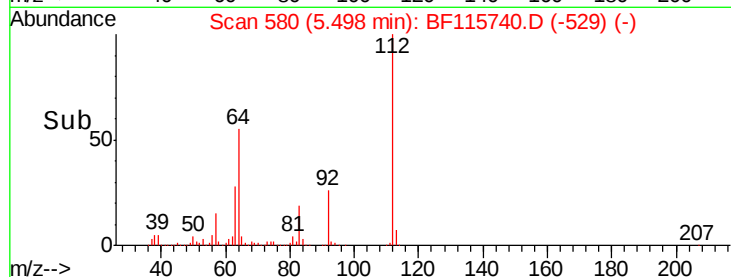
63 28.1 22.5 33.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.457 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

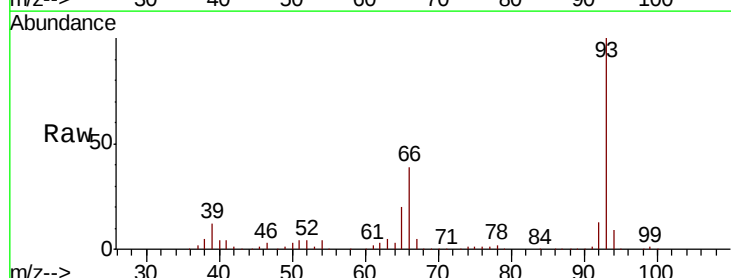
Tgt Ion: 93 Resp: 712792

Ion Ratio Lower Upper

93 100

66 38.6 30.9 46.3

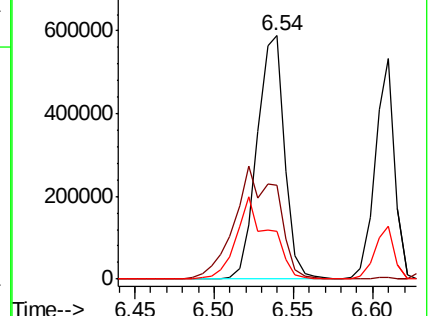
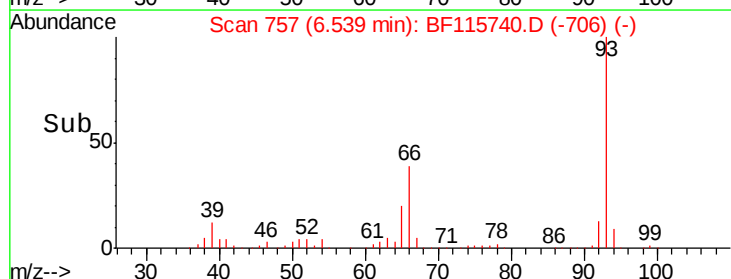
65 19.8 15.8 23.8

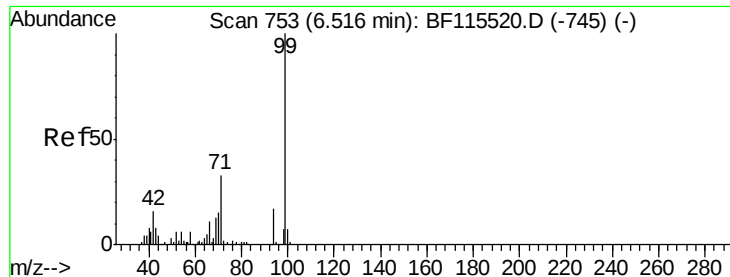


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.058 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

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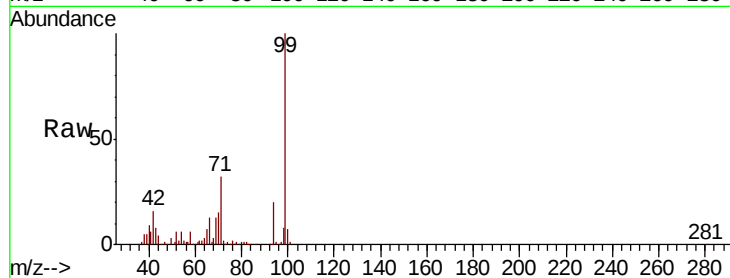
Tot Ion: 99 Resp: 1026268

Ion Ratio Lower Upper

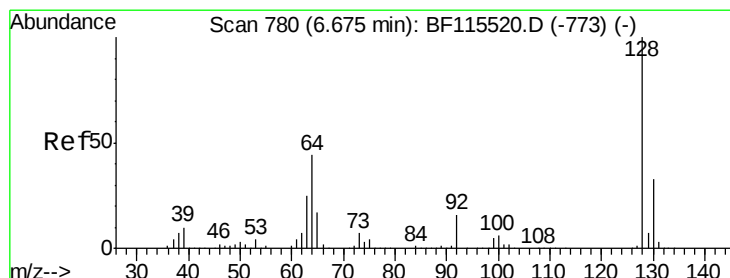
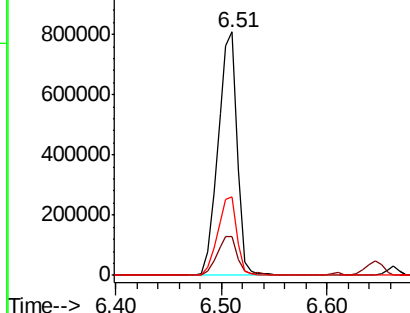
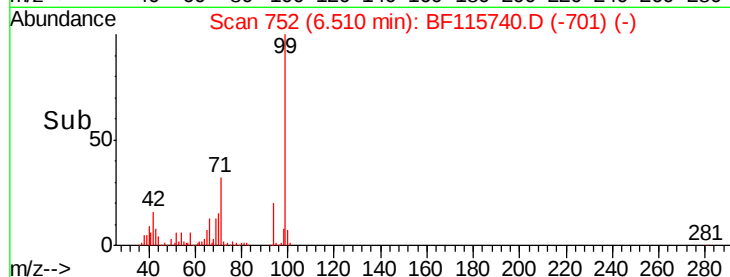
99 100

42 16.2 13.0 19.4

71 32.4 25.9 38.9



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

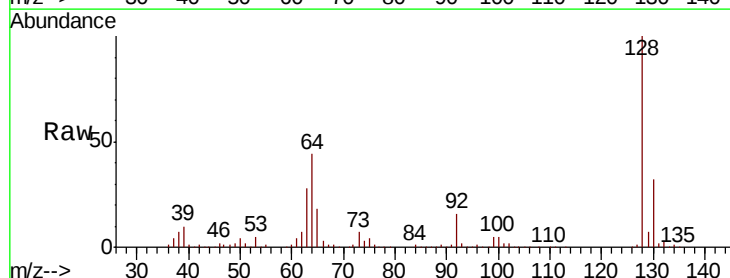
Tgt Ion: 128 Resp: 468091

Ion Ratio Lower Upper

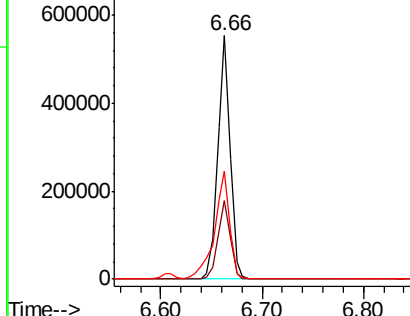
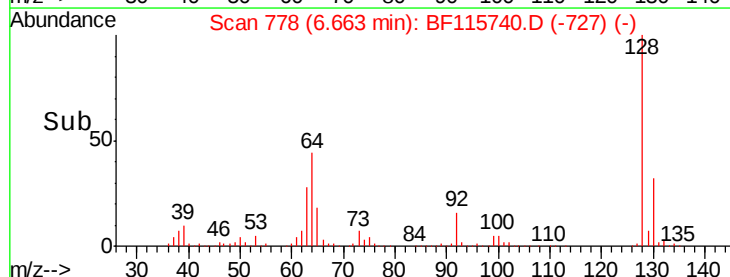
128 100

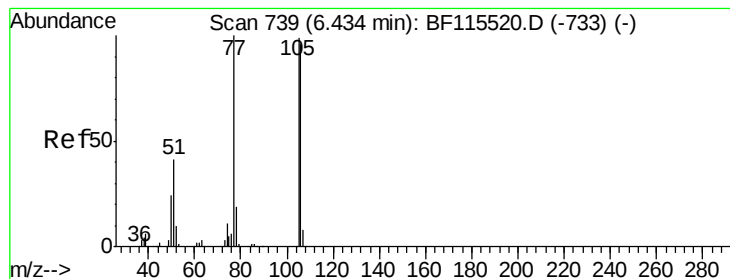
130 32.3 12.3 52.3

64 44.4 24.4 64.4



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





#9

Benzaldehyde

Concen: 39.188 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

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SSTDCCC040

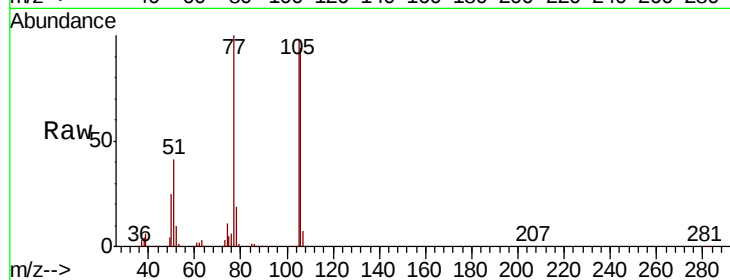
Tot Ion: 77 Resp: 317893

Ion Ratio Lower Upper

77 100

105 97.6 77.6 117.6

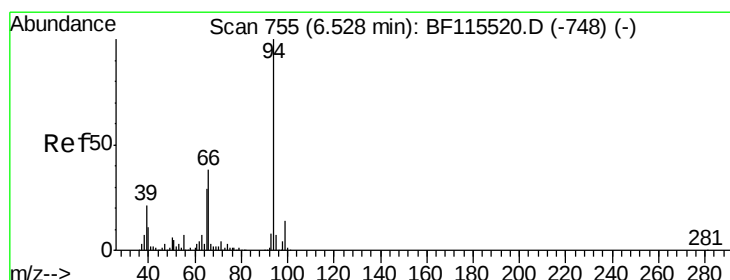
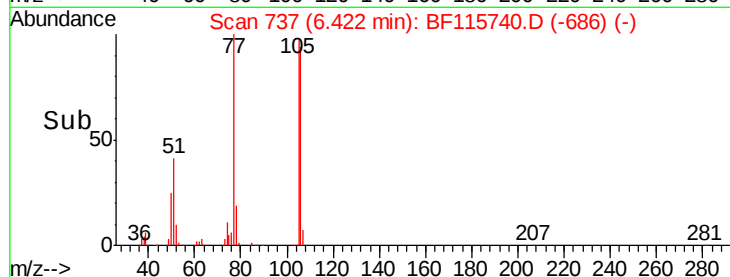
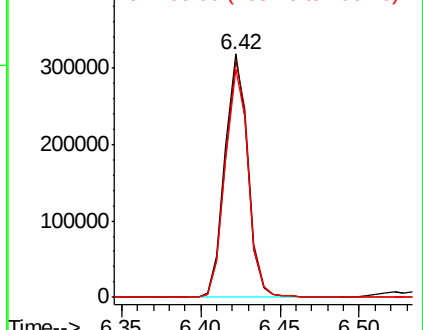
106 93.9 73.9 113.9



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

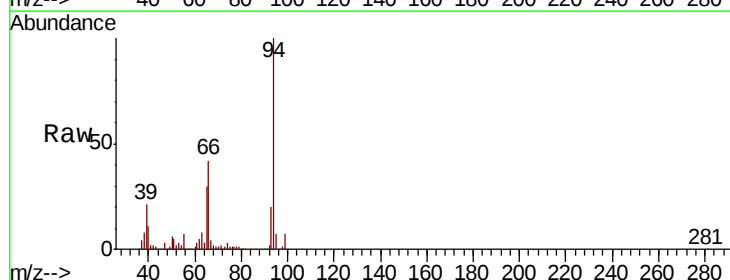
Tgt Ion: 94 Resp: 595195

Ion Ratio Lower Upper

94 100

65 30.2 10.2 50.2

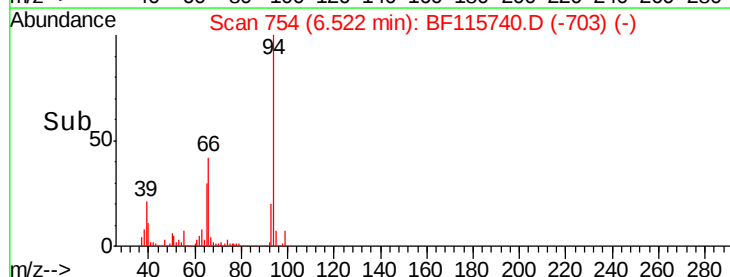
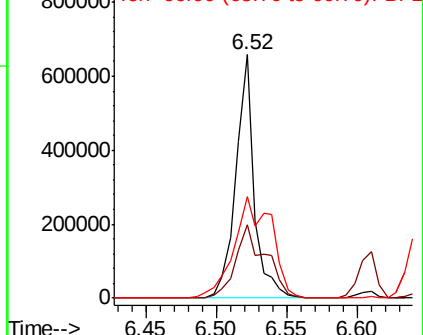
66 41.7 21.7 61.7

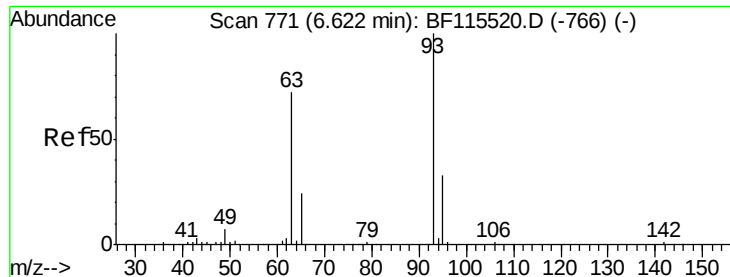


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

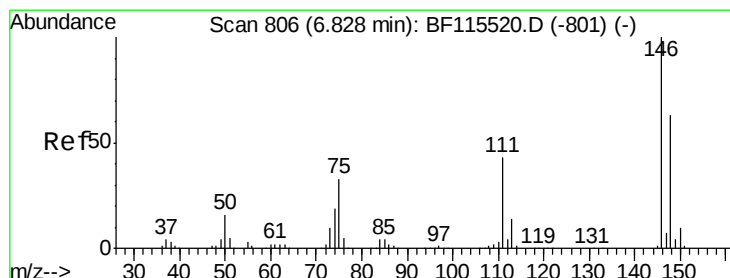
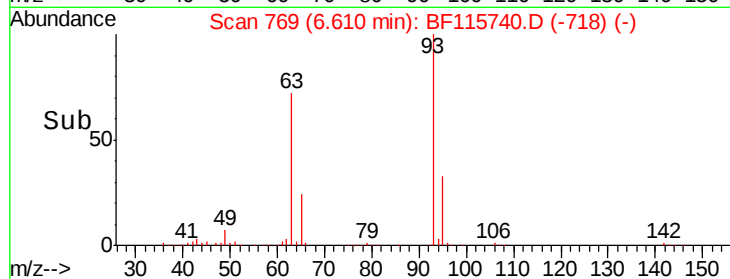
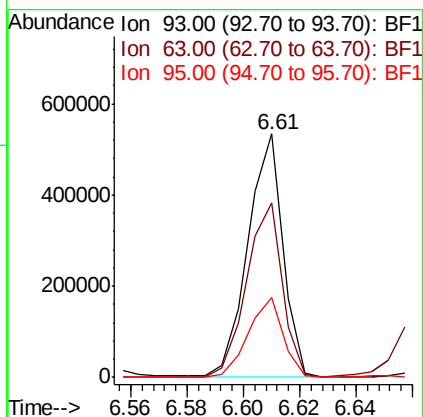
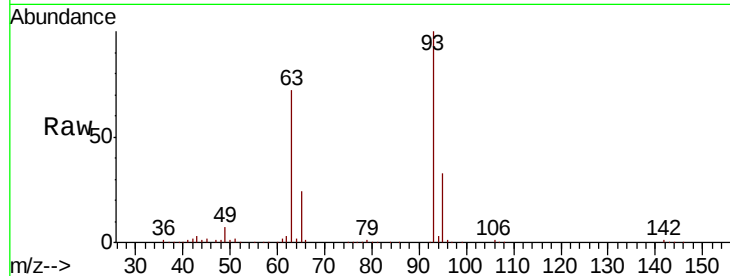




#11
 bis(2-Chloroethyl)ether
 Concen: 39.800 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

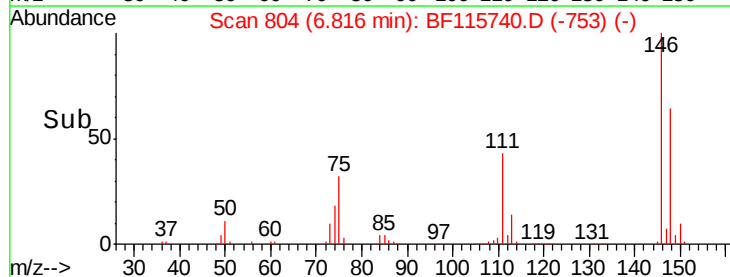
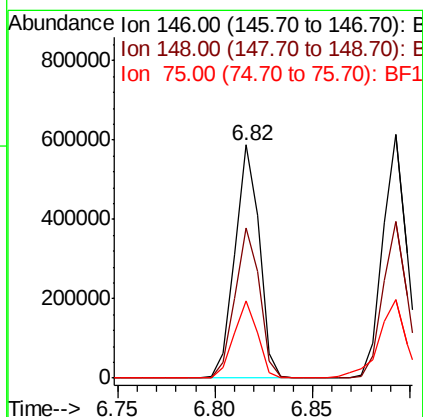
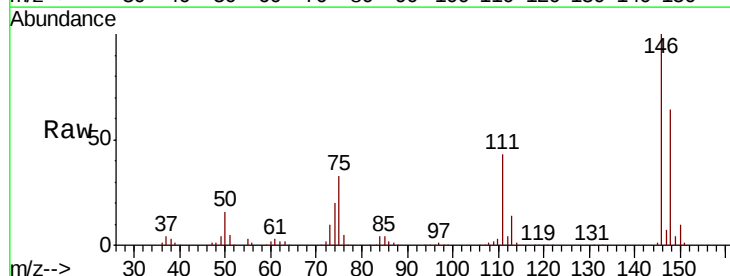
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

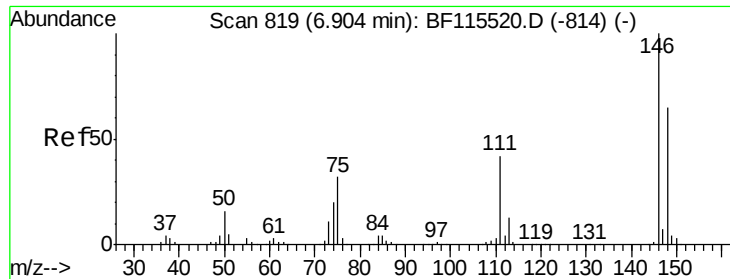
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.5	91.5
95	33.0	13.0	53.0



#12
 1,3-Dichlorobenzene
 Concen: 38.571 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	33.0	26.4	39.6

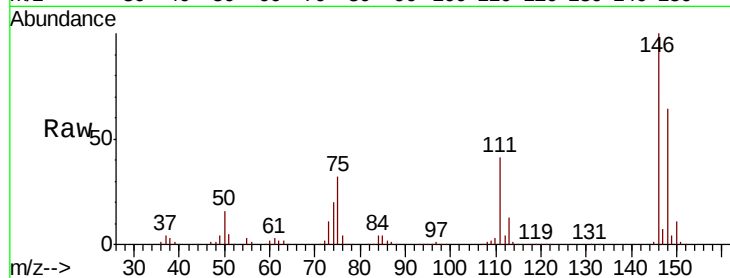




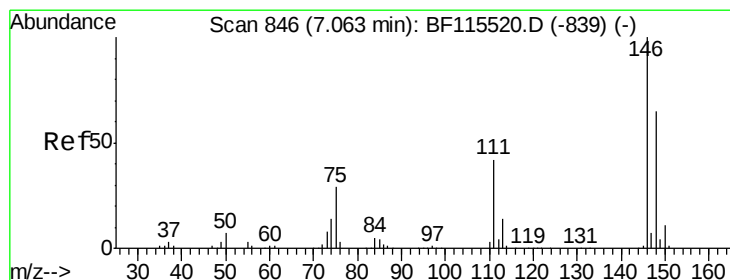
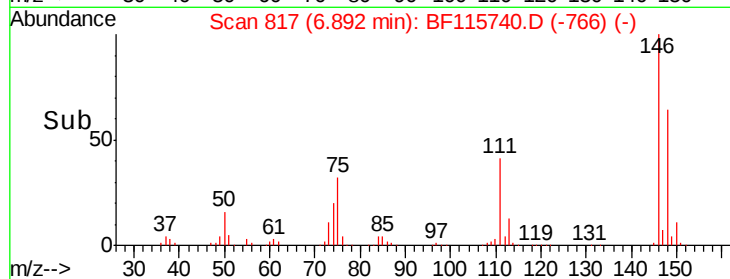
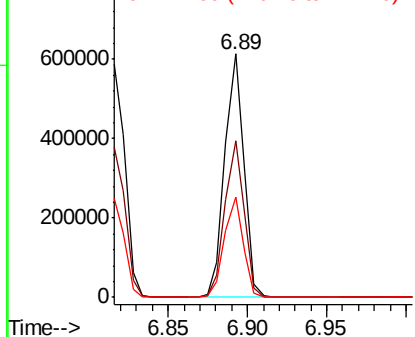
#13
 1,4-Dichlorobenzene
 Concen: 38.916 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:146 Resp: 513485
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 41.1 32.9 49.3

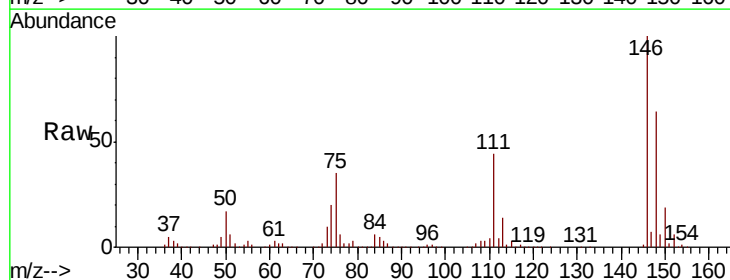


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

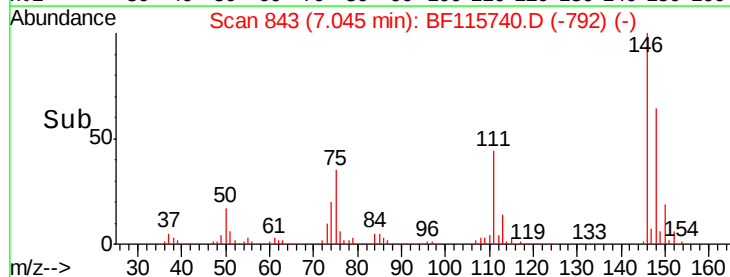
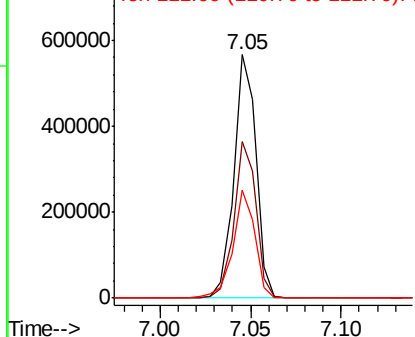


#14
 1,2-Dichlorobenzene
 Concen: 39.986 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:146 Resp: 482293
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 44.2 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 39.526 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

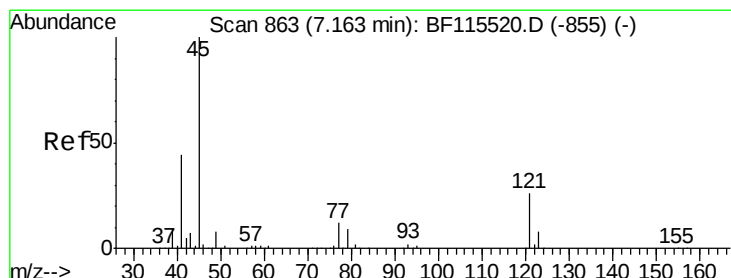
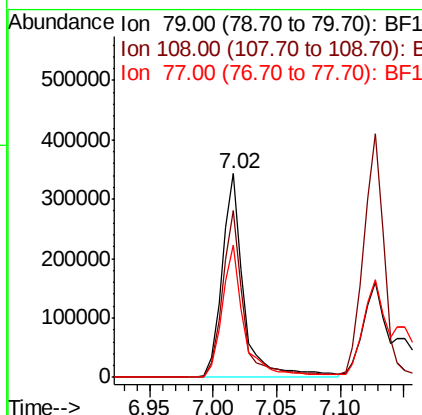
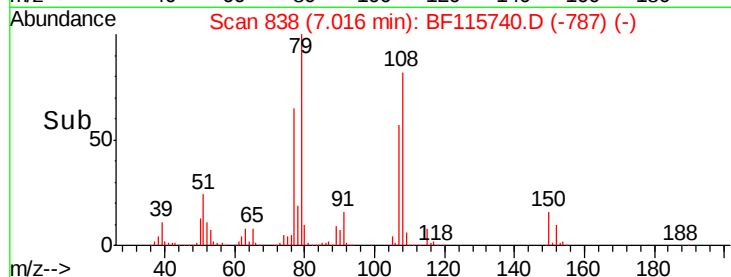
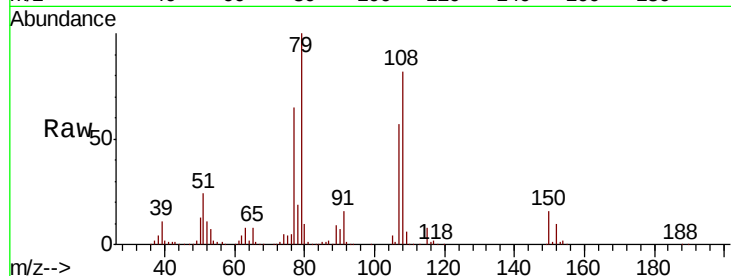
Tot Ion: 79 Resp: 407029

Ion Ratio Lower Upper

79 100

108 81.9 65.5 98.3

77 64.7 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.955 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

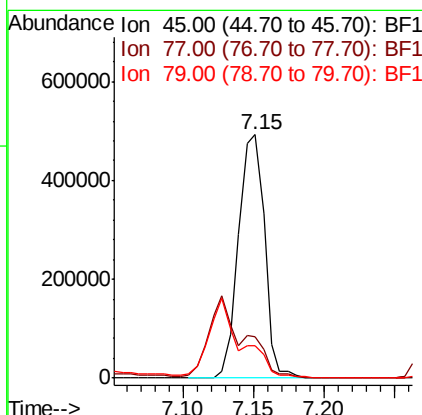
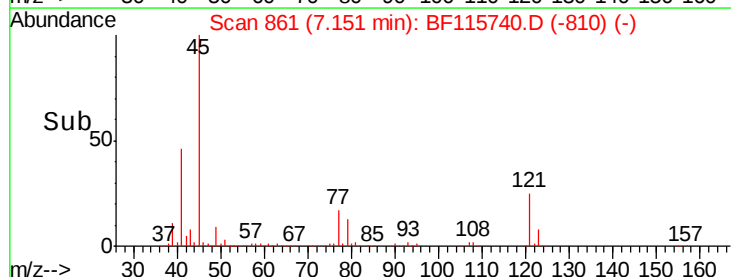
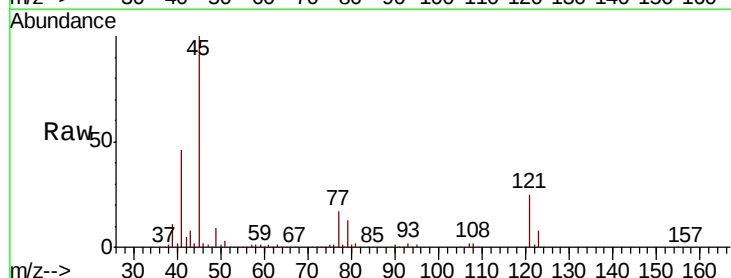
Tgt Ion: 45 Resp: 633722

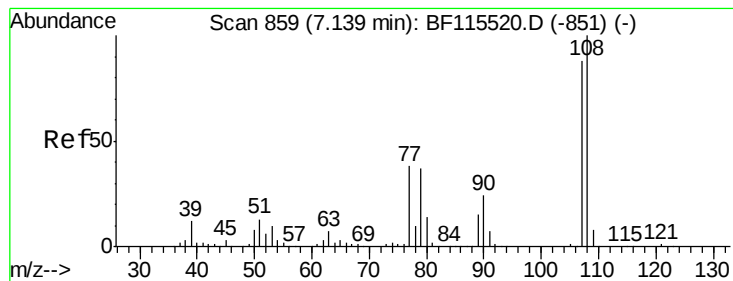
Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.1

79 13.1 0.0 33.1





#17

2-Methylphenol

Concen: 39.063 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 395958

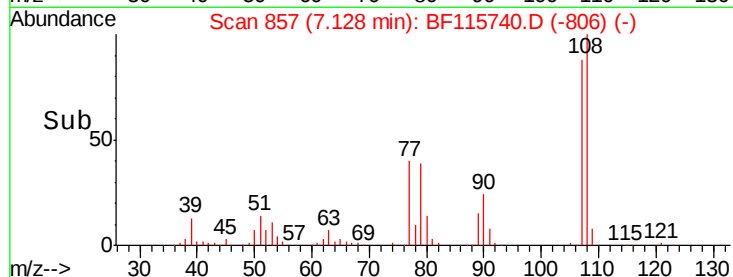
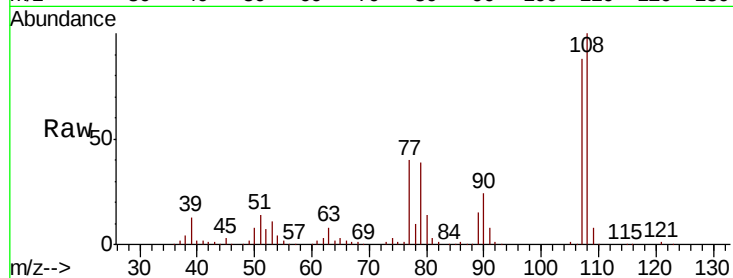
Ion Ratio Lower Upper

107 100

108 114.2 91.4 137.0

77 46.0 36.8 55.2

79 44.7 35.8 53.6



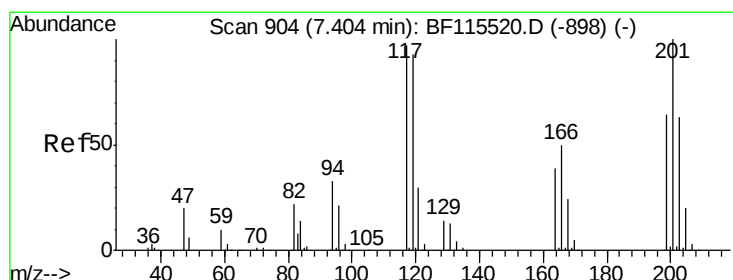
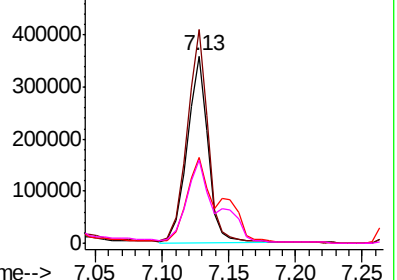
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 39.539 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

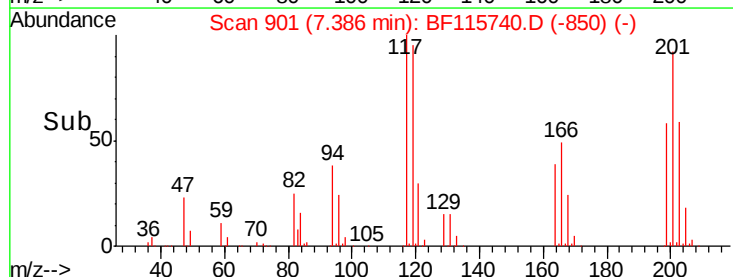
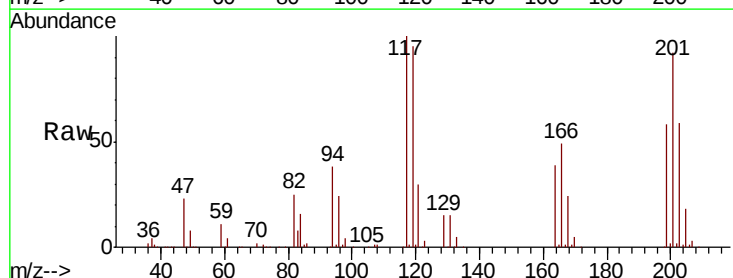
Tgt Ion:117 Resp: 193640

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

201 92.1 73.7 110.5

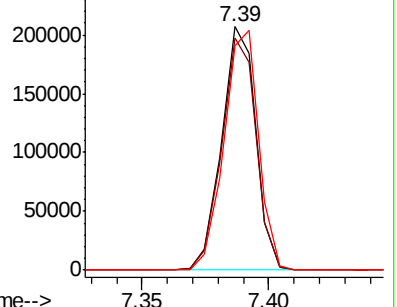


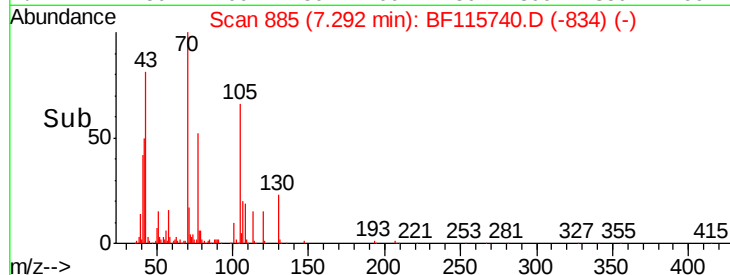
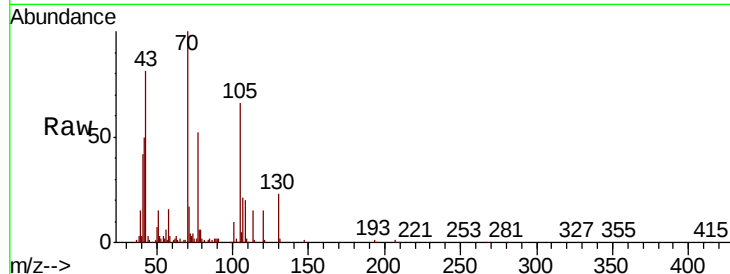
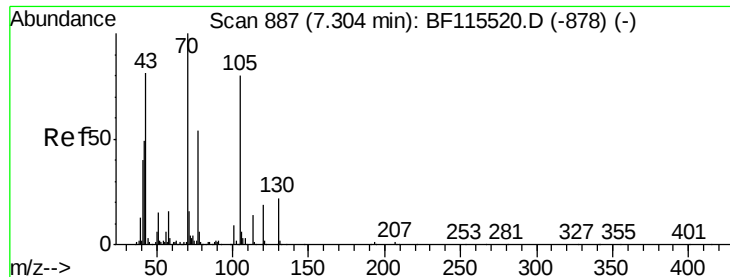
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

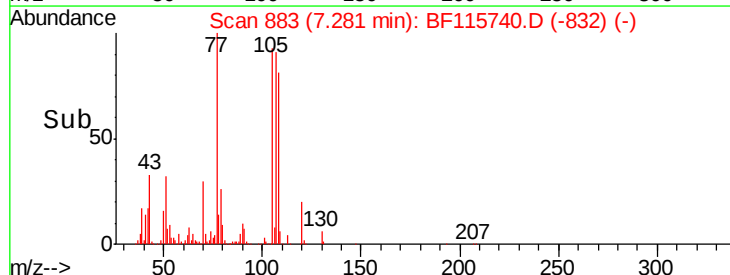
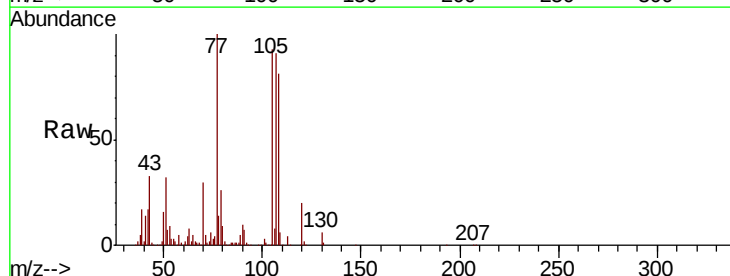
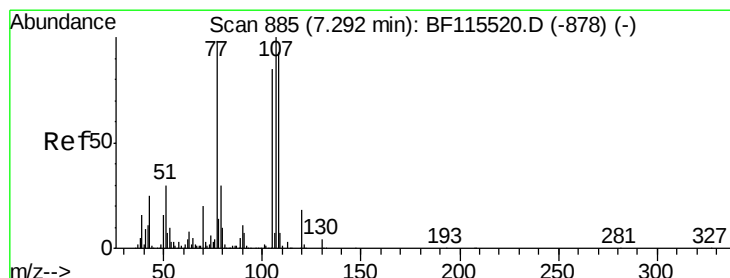
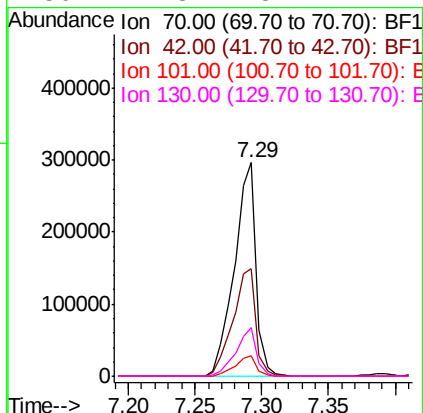




#19
n-Nitroso-di-n-propylamine
Concen: 39.865 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

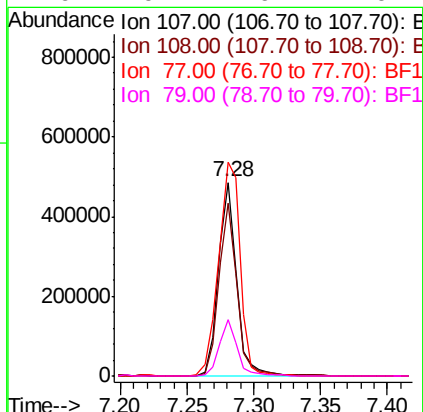
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	40.3	60.5
101	9.9	7.9	11.9
130	22.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.625 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.3	109.3
77	110.4	90.4	130.4
79	29.1	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 723666

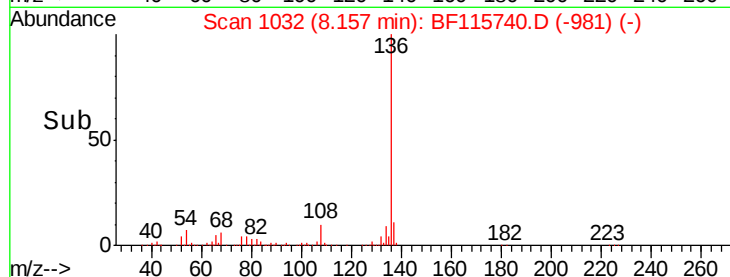
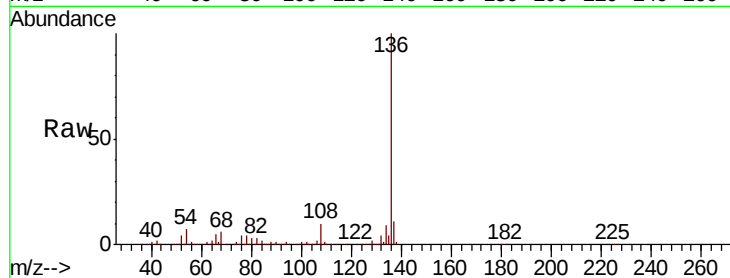
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.7 5.4 8.0

68 6.1 4.9 7.3

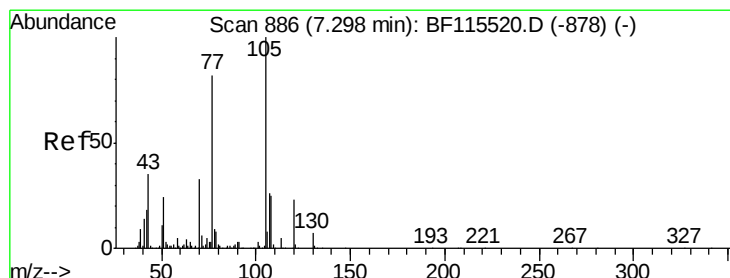
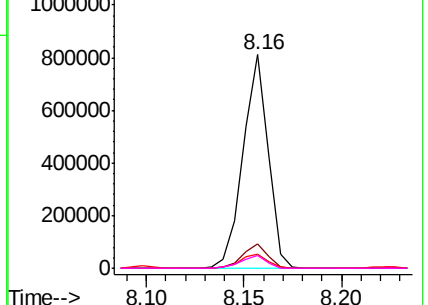


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.024 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Tgt Ion:105 Resp: 621647

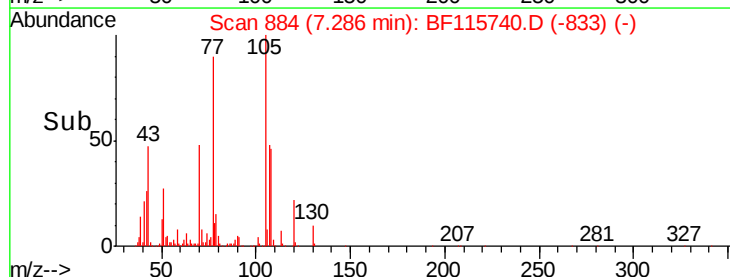
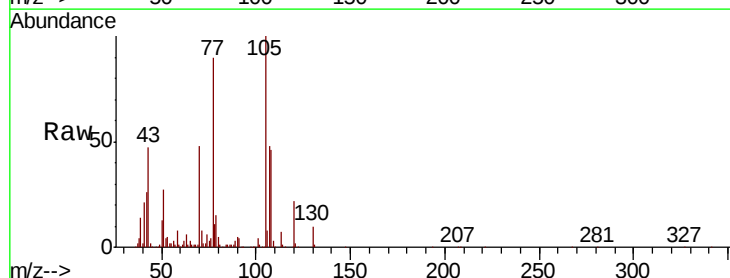
Ion Ratio Lower Upper

105 100

71 7.9 6.3 9.5

51 27.2 21.8 32.6

120 22.4 17.9 26.9

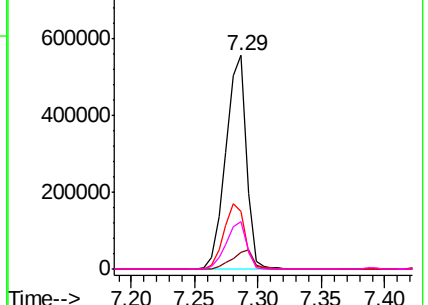


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

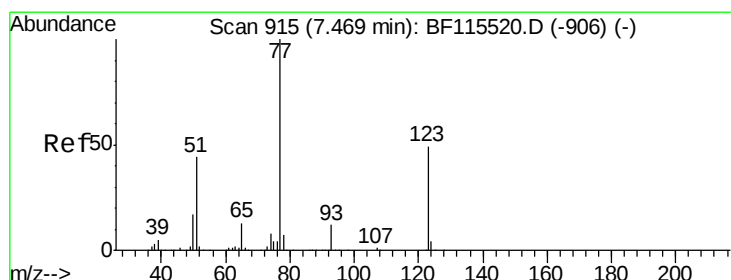
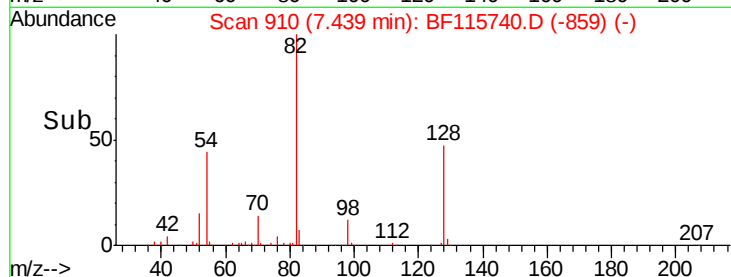
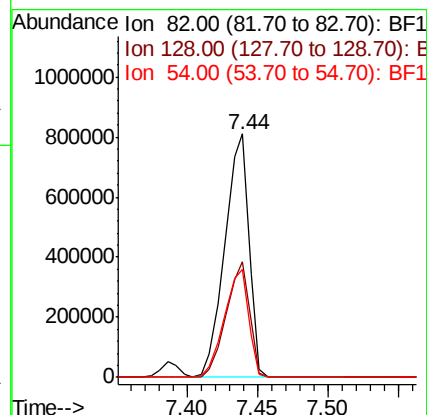
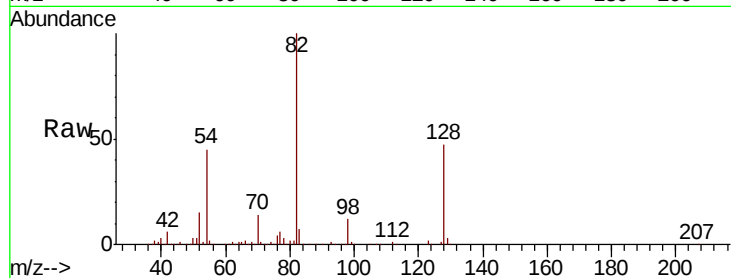




#23
 Nitrobenzene-d5
 Concen: 77.189 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

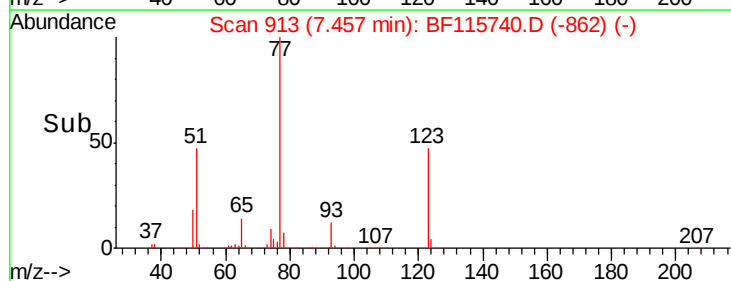
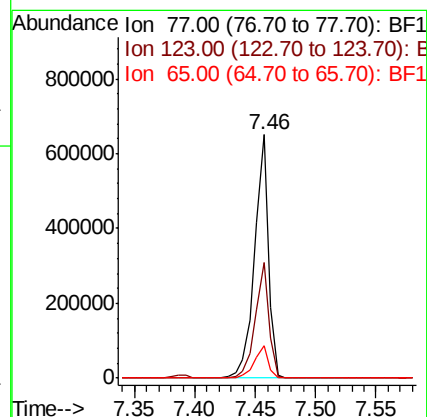
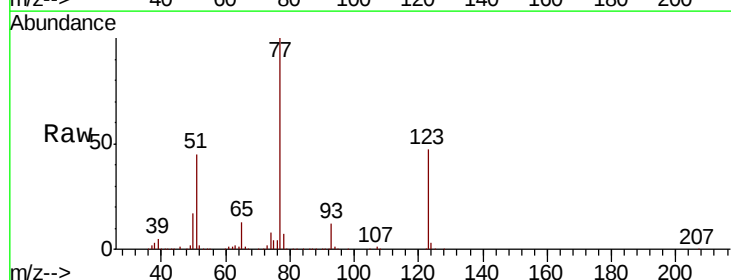
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

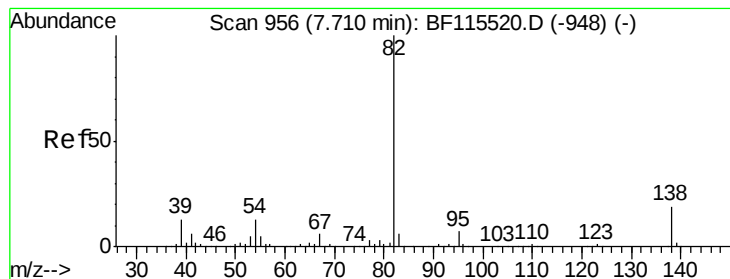
Tot Ion: 82 Resp: 960659
 Ion Ratio Lower Upper
 82 100
 128 47.5 38.0 57.0
 54 44.5 35.6 53.4



#24
 Nitrobenzene
 Concen: 39.231 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 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 37.9 56.9
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 38.803 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

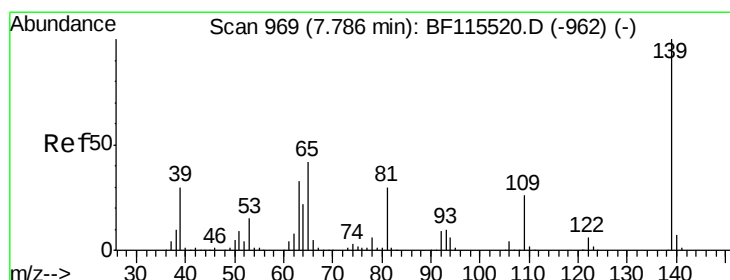
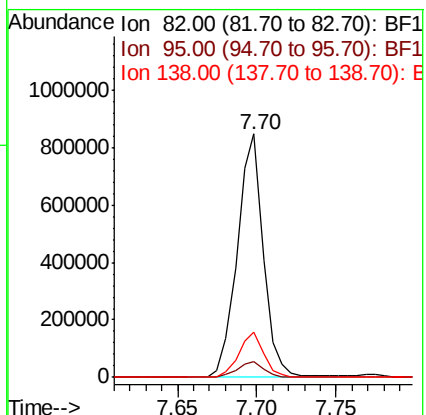
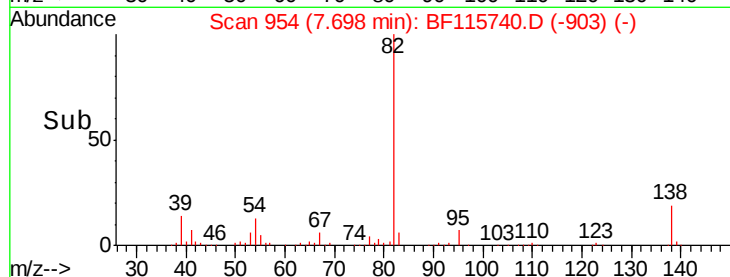
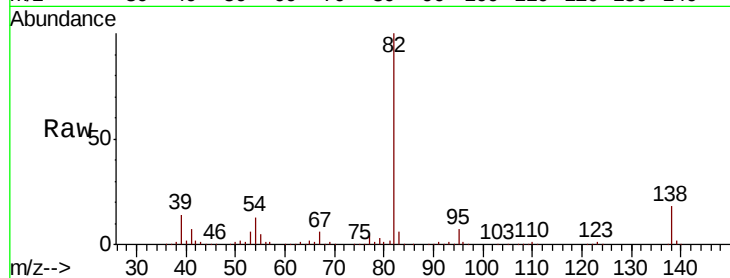
Tot Ion: 82 Resp: 966334

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 18.5 14.8 22.2



#26

2-Nitrophenol

Concen: 38.311 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

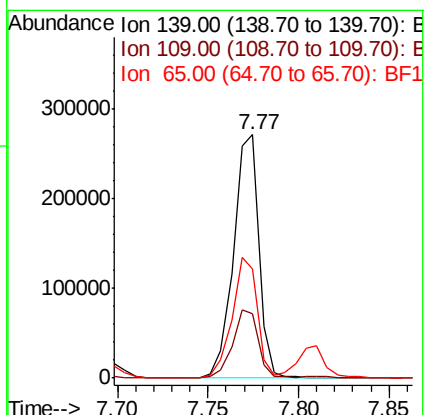
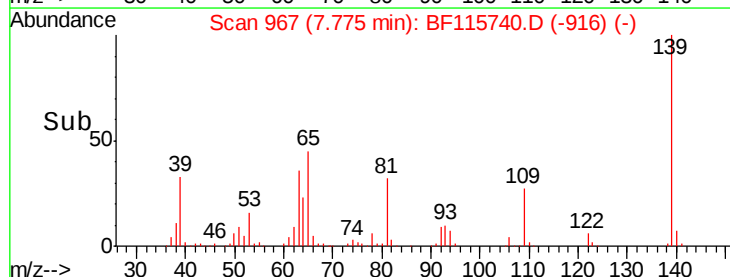
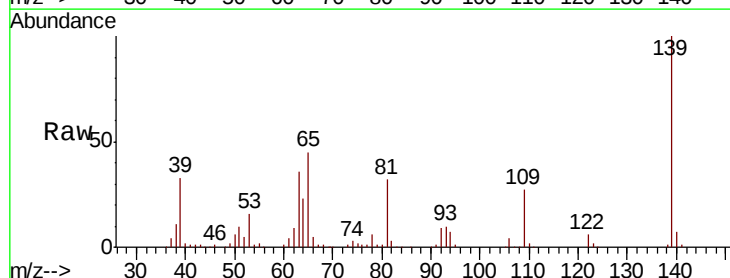
Tgt Ion: 139 Resp: 264701

Ion Ratio Lower Upper

139 100

109 26.7 21.4 32.0

65 44.6 35.7 53.5





#27

2,4-Dimethylphenol

Concen: 36.814 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

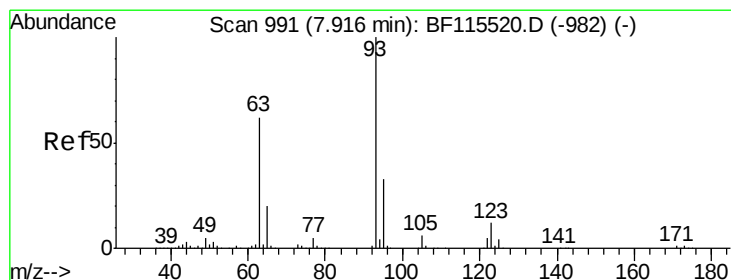
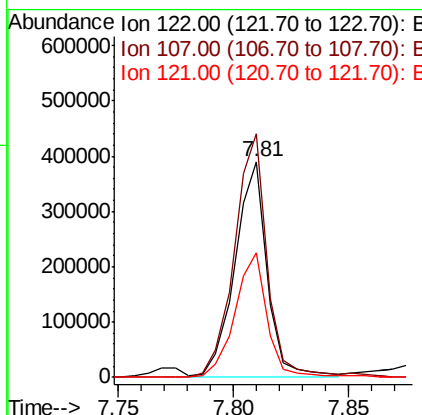
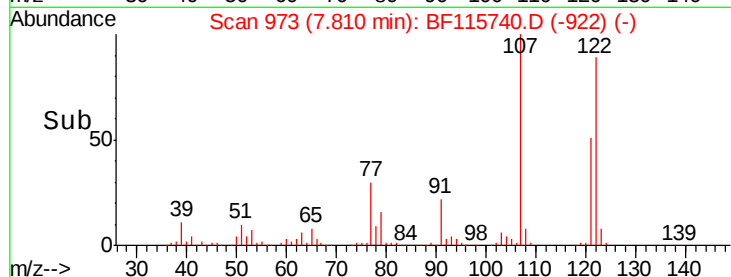
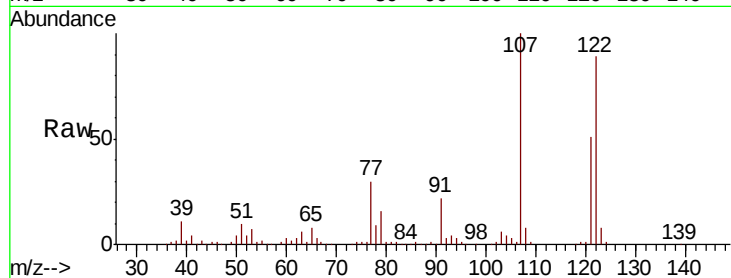
Tot Ion:122 Resp: 380588

Ion Ratio Lower Upper

122 100

107 112.8 90.2 135.4

121 58.0 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.573 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

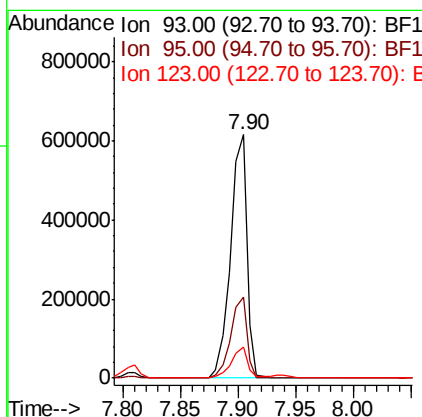
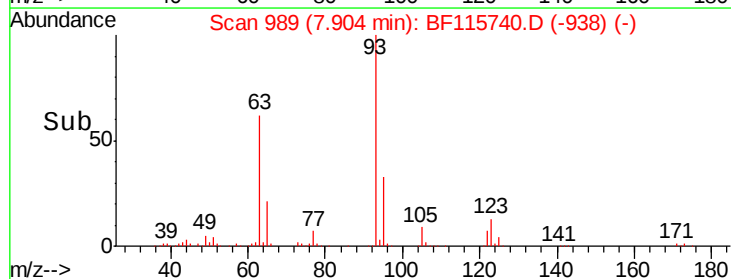
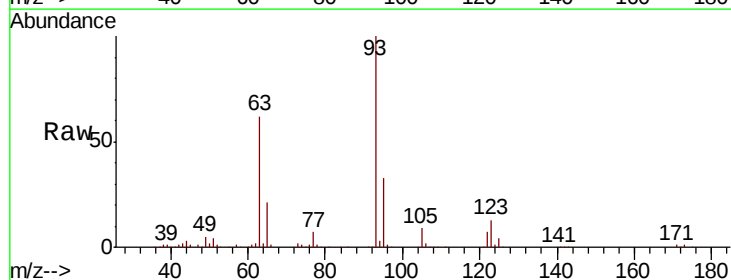
Tgt Ion: 93 Resp: 604595

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

123 12.7 10.2 15.2

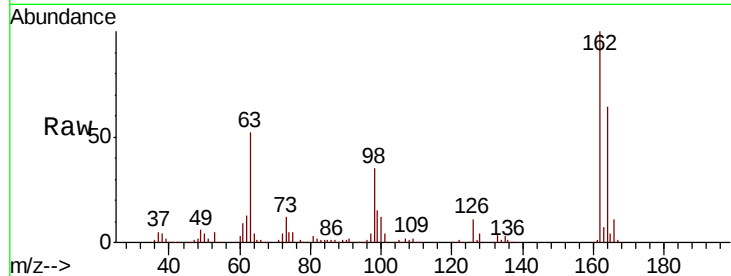




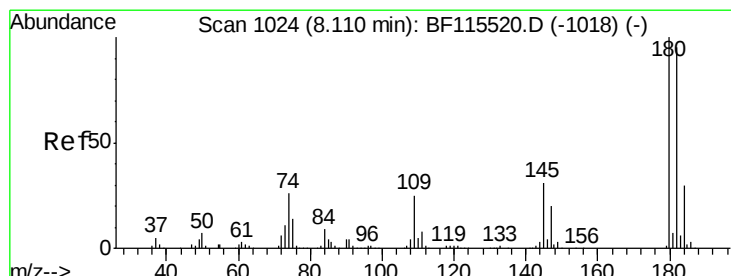
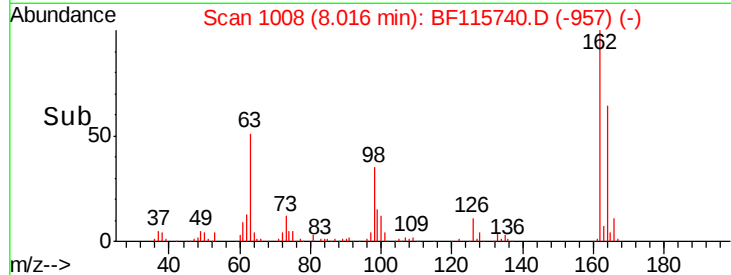
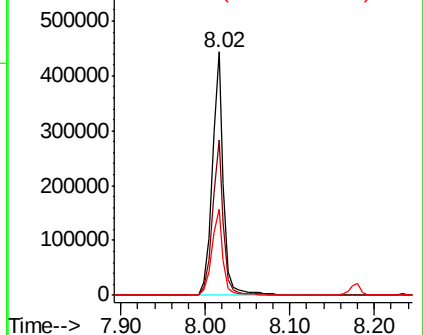
#29
 2,4-Dichlorophenol
 Concen: 38.685 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	35.3	15.3	55.3

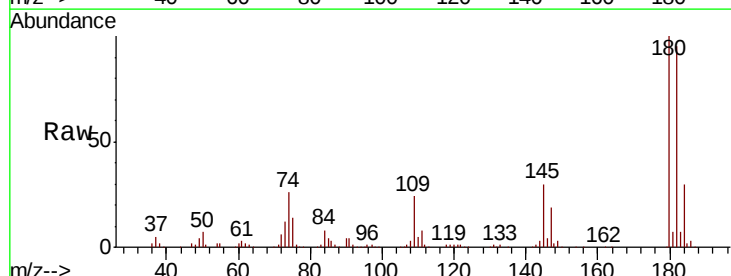


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

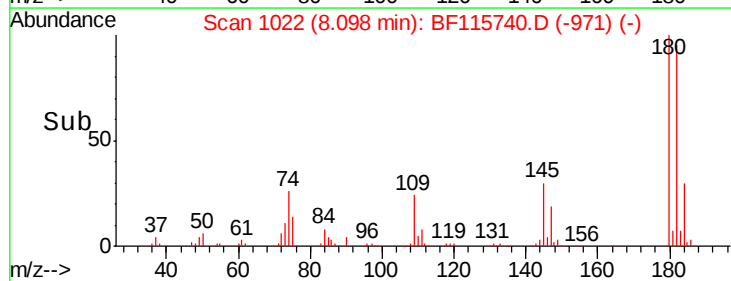
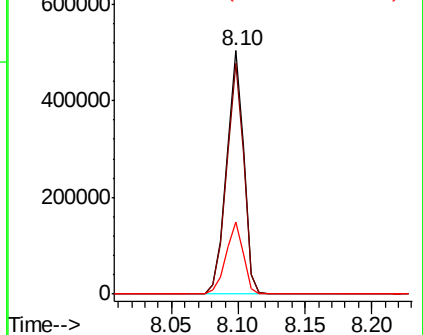


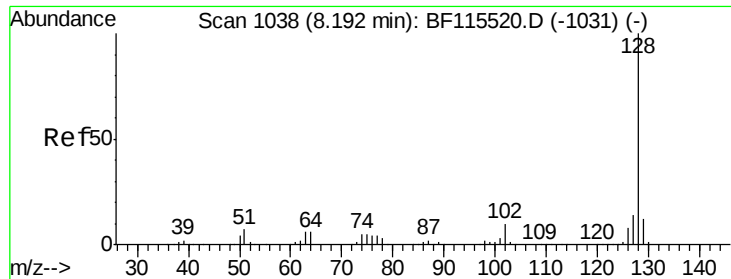
#30
 1,2,4-Trichlorobenzene
 Concen: 37.704 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	29.7	23.8	35.6



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

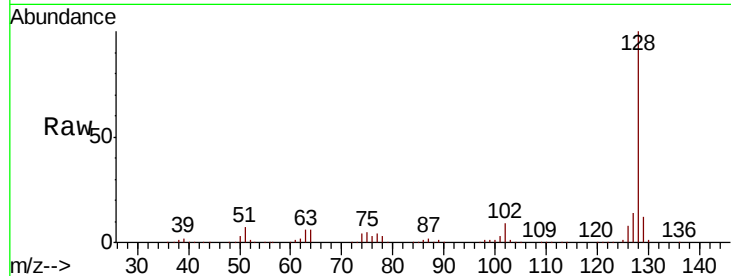




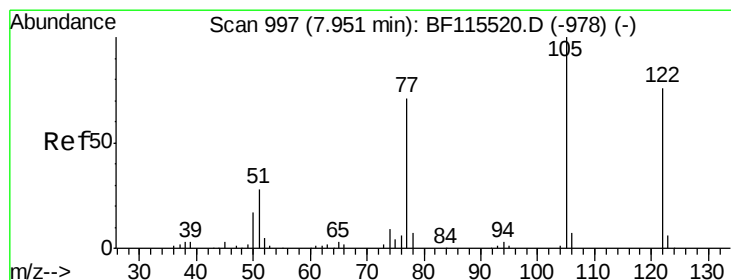
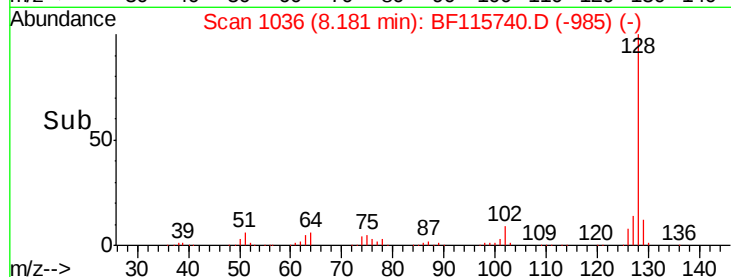
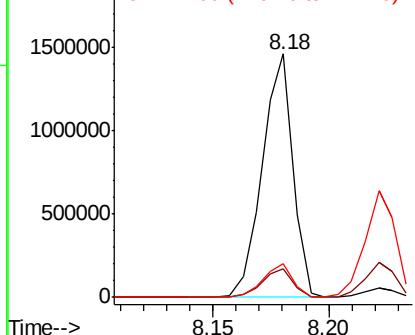
#31
Naphthalene
Concen: 38.621 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1353575
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6

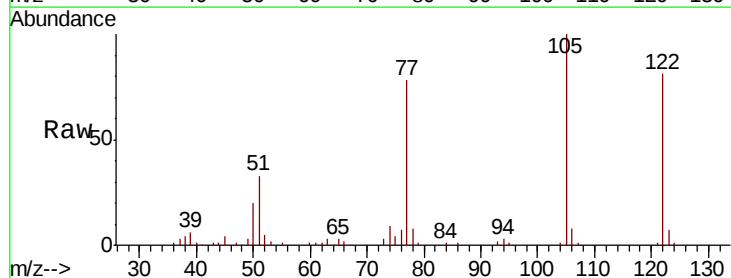


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

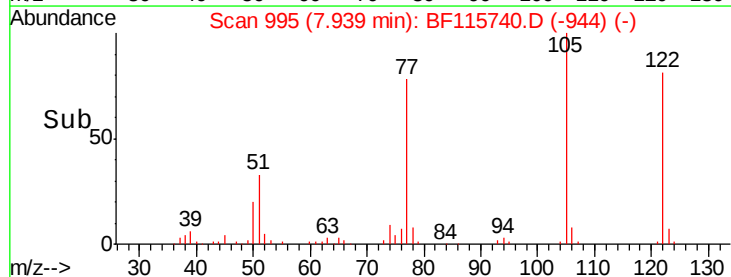
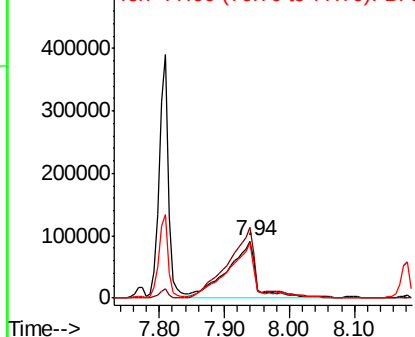


#32
Benzoic acid
Concen: 32.812 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:122 Resp: 278381
Ion Ratio Lower Upper
122 100
105 124.1 104.1 144.1
77 97.0 77.0 117.0



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

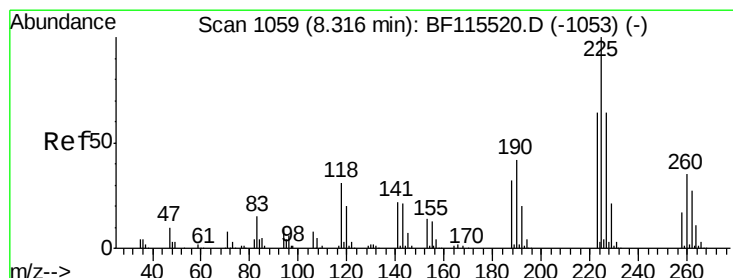
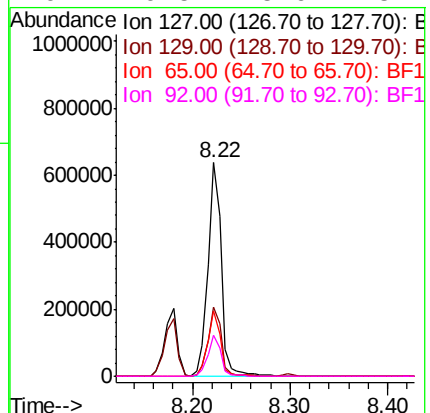
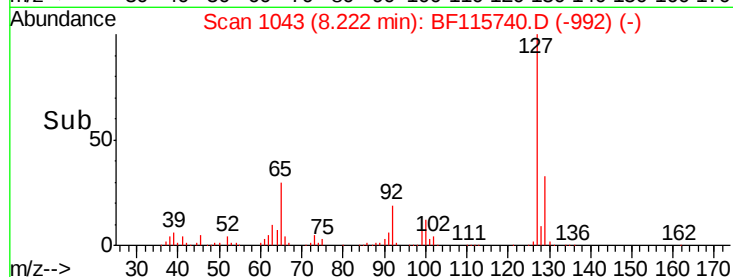
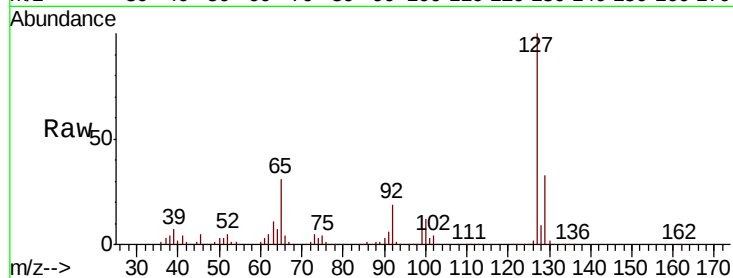




#33
4-Chloroaniline
Concen: 39.064 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

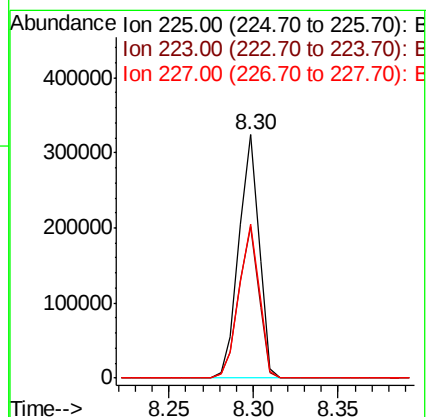
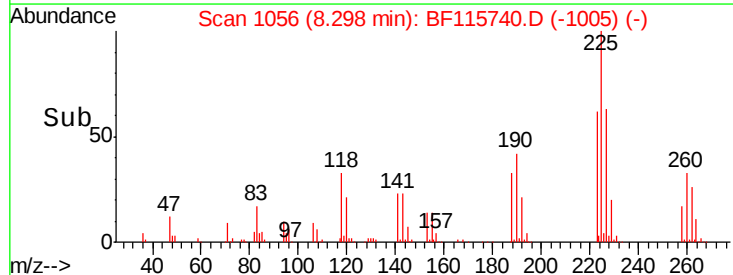
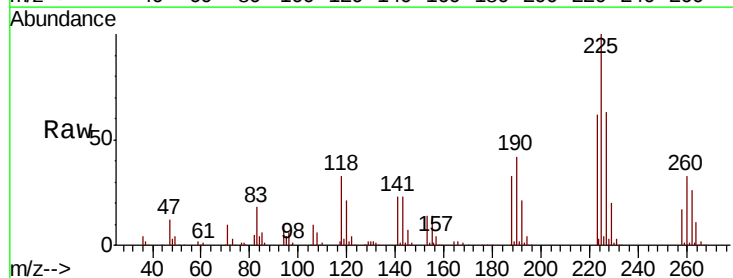
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

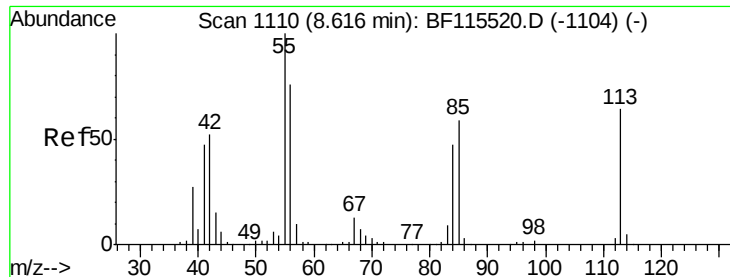
Tot Ion:	127	Resp:	606437
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	30.8	24.6	37.0
92	19.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 38.648 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 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	49.8	74.8
227	63.2	50.6	75.8

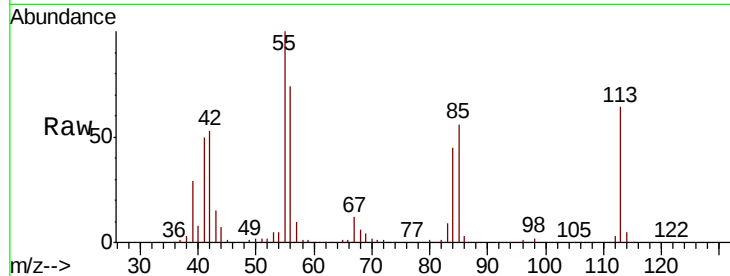




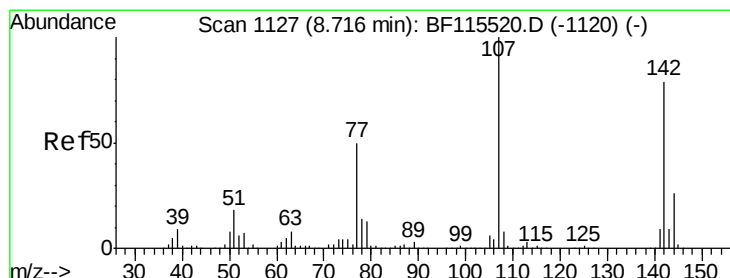
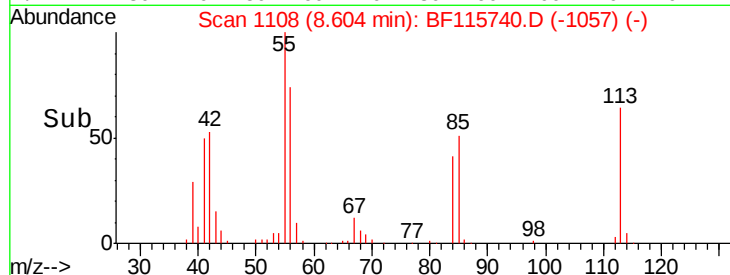
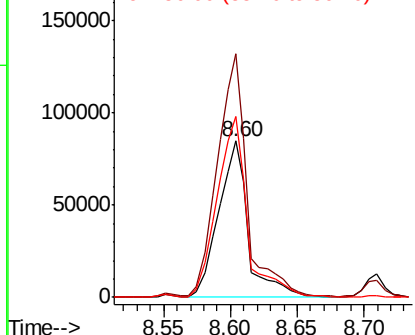
#35
 Caprolactam
 Concen: 39.624 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 131644
 Ion Ratio Lower Upper
 113 100
 55 155.9 135.9 175.9
 56 115.8 95.8 135.8

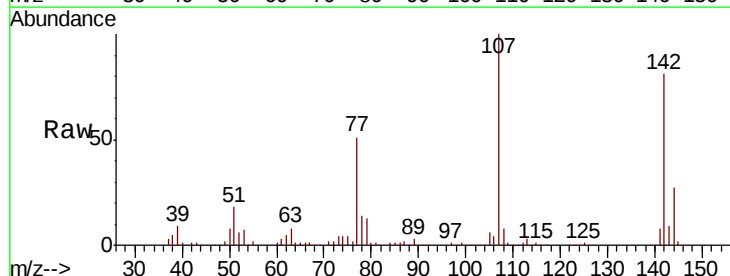


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

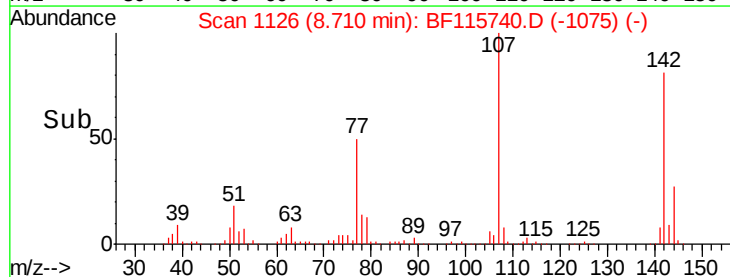
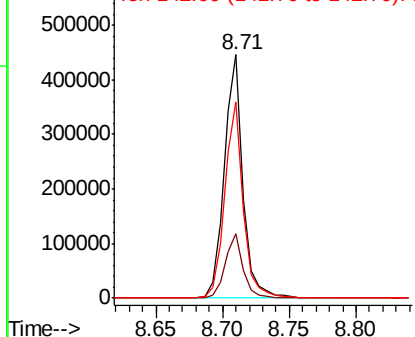


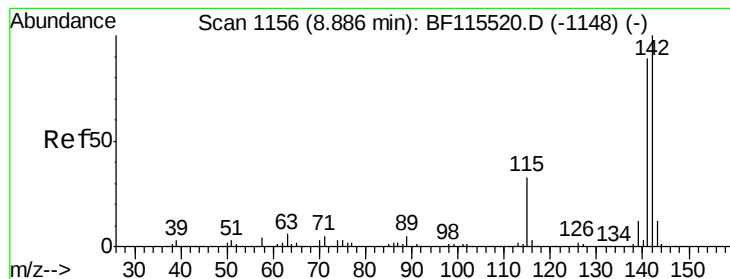
#36
 4-Chloro-3-methylphenol
 Concen: 39.276 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:107 Resp: 438026
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.4 32.0
 142 80.7 64.6 96.8



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

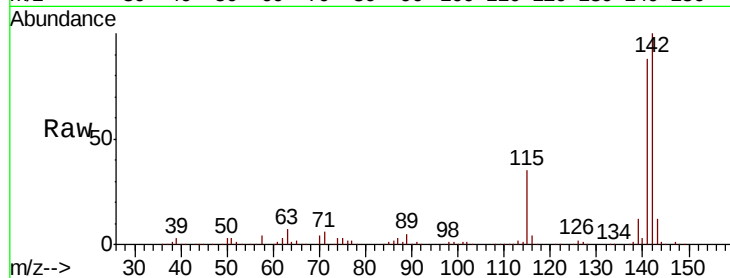
Tot Ion:142 Resp: 911345

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

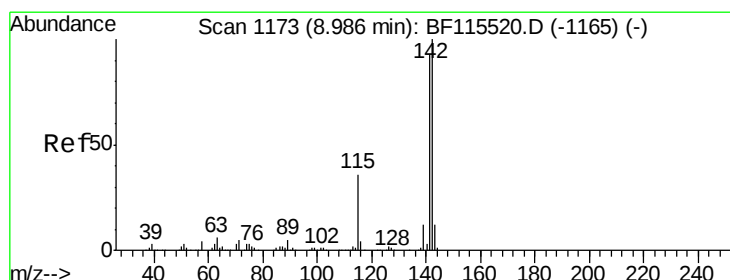
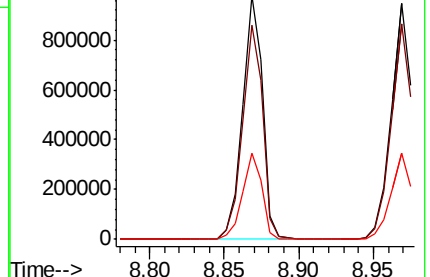
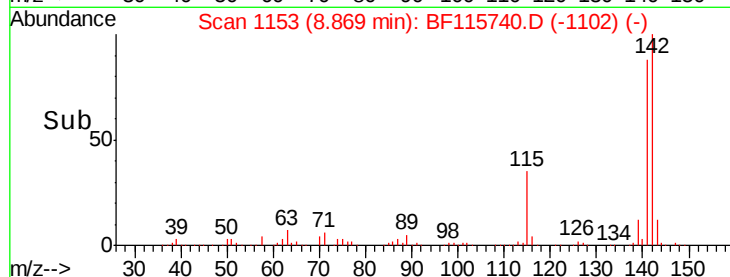
115 35.2 28.2 42.2



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

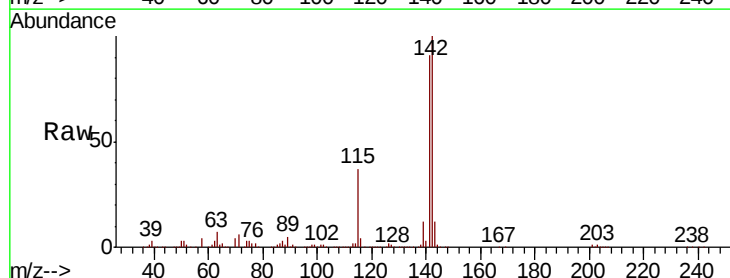
Tgt Ion:142 Resp: 872207

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3

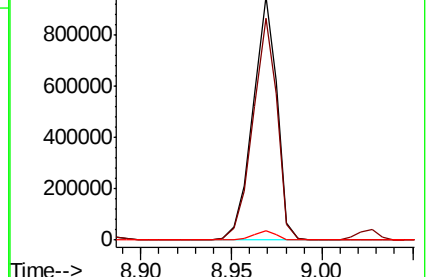
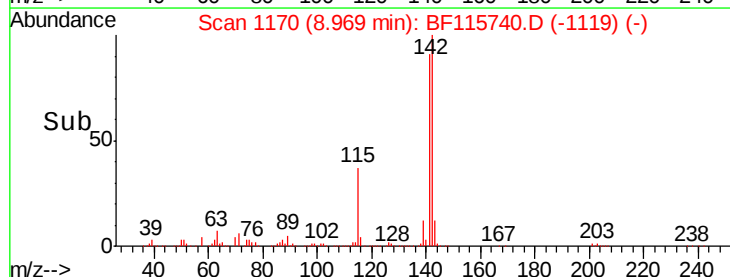
116 3.7 3.0 4.4



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

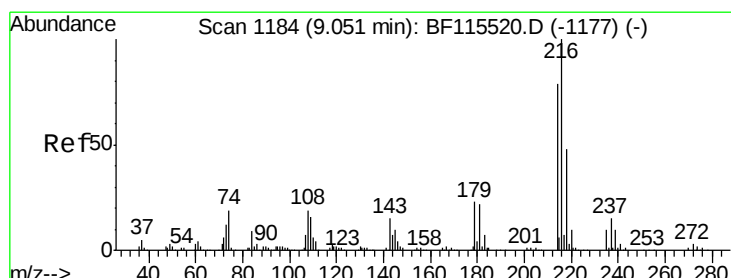
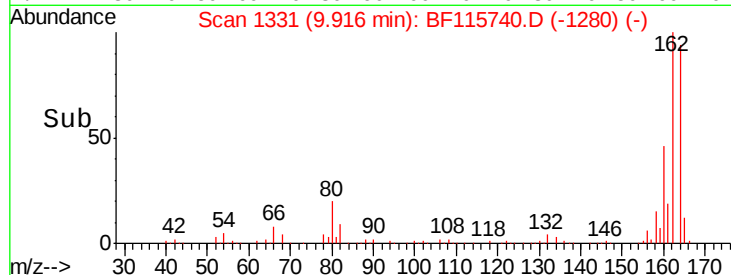
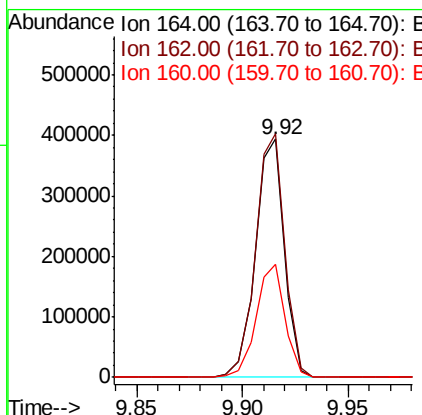
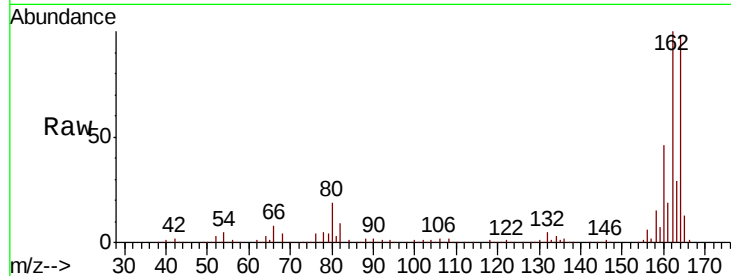




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

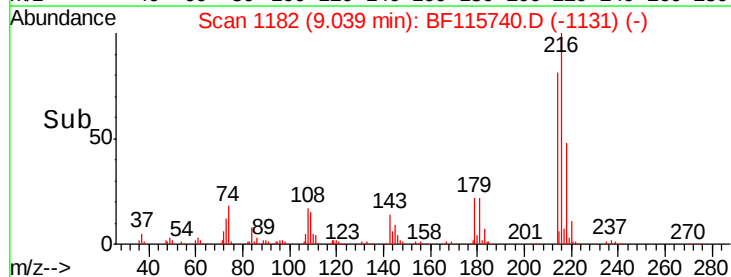
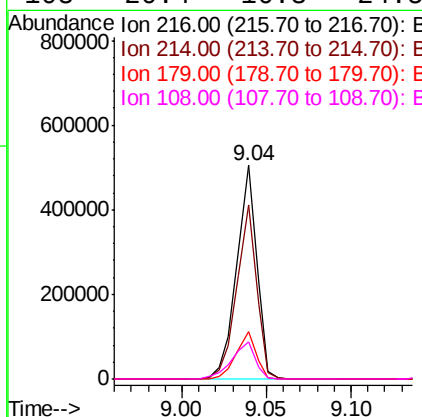
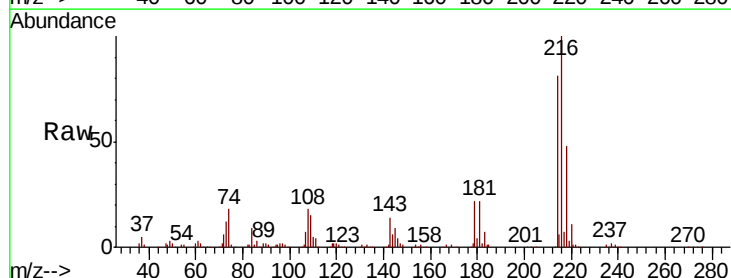
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

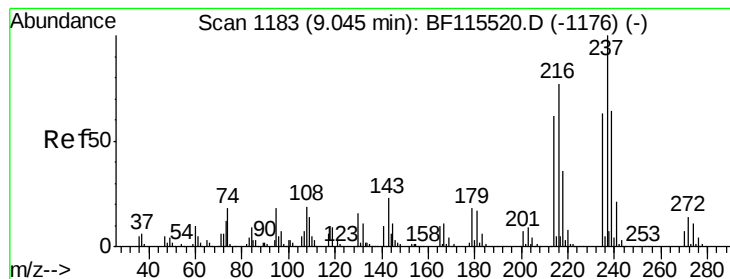
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	47.3	37.8	56.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.178 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.2	96.4
179	22.0	17.6	26.4
108	20.4	16.3	24.5





#41

Hexachlorocyclopentadiene

Concen: 42.578 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

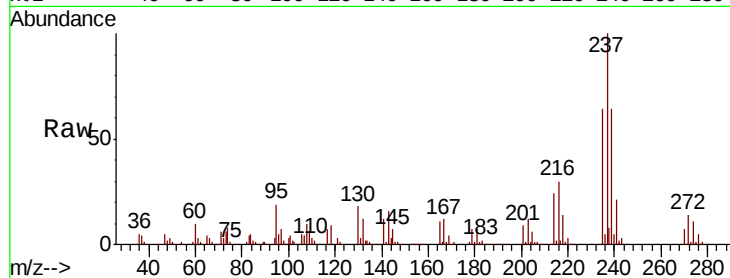
Tot Ion:237 Resp: 273923

Ion Ratio Lower Upper

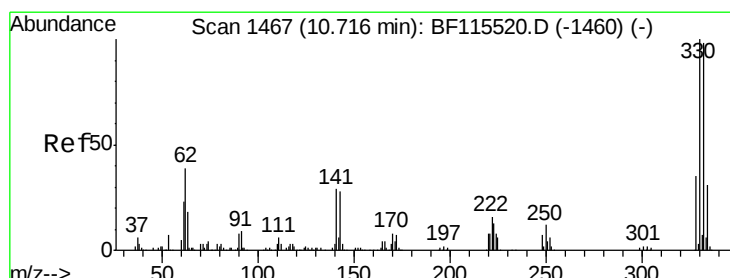
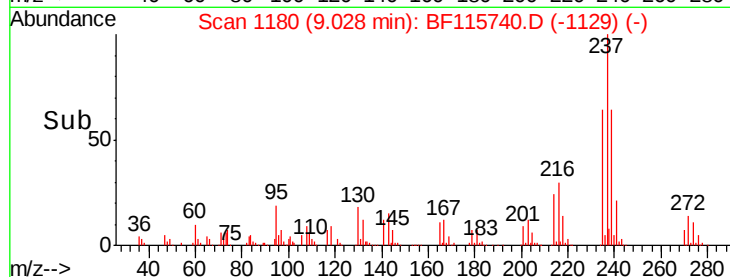
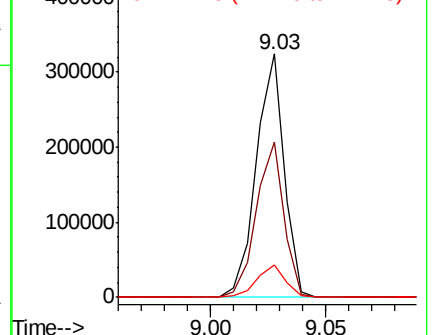
237 100

235 63.6 43.6 83.6

272 13.6 0.0 33.6



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

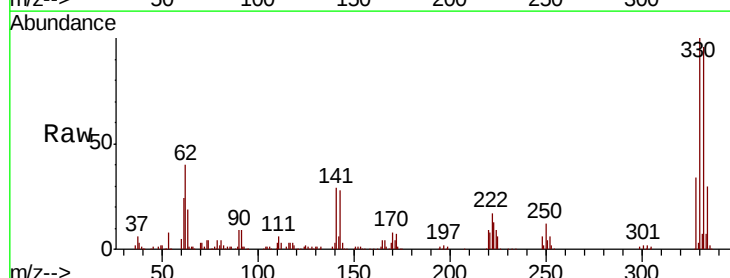
Tgt Ion:330 Resp: 327550

Ion Ratio Lower Upper

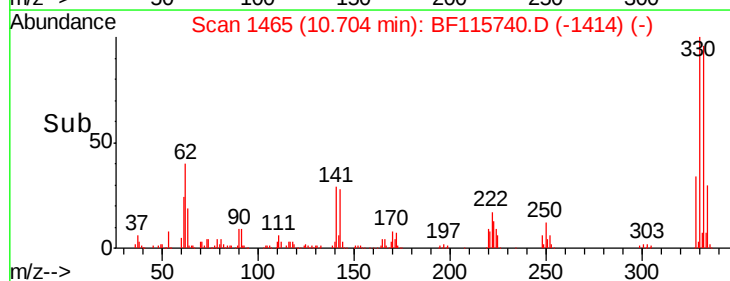
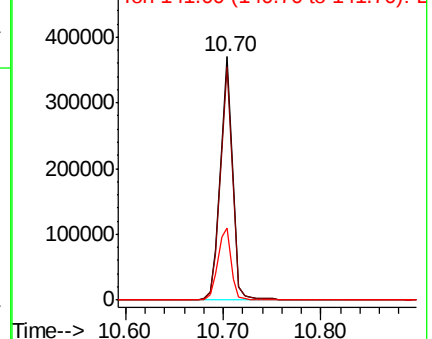
330 100

332 95.9 76.7 115.1

141 32.0 25.6 38.4



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

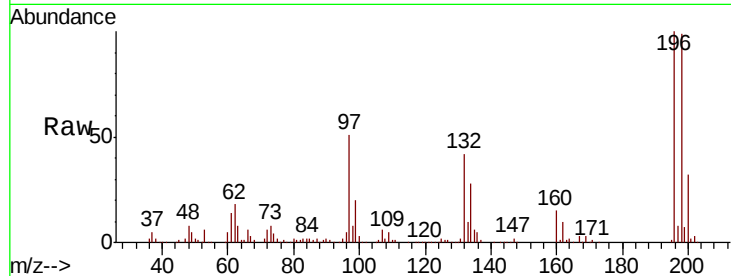




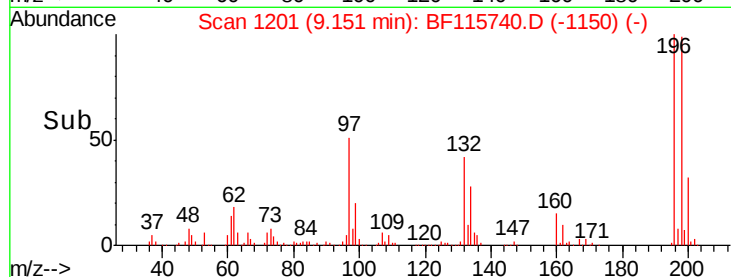
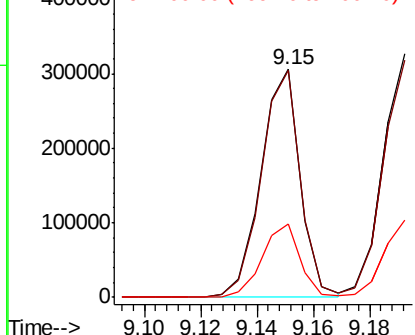
#43
 2,4,6-Trichlorophenol
 Concen: 35.638 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 293924
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.4 119.2
 200 32.0 25.6 38.4



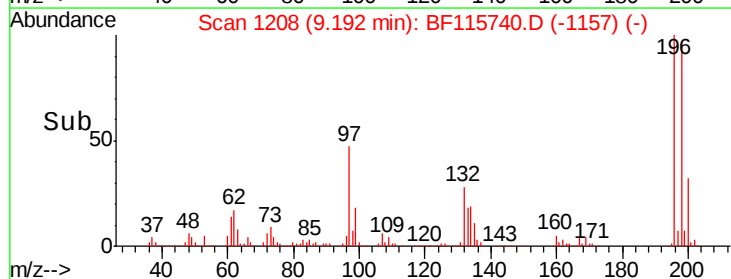
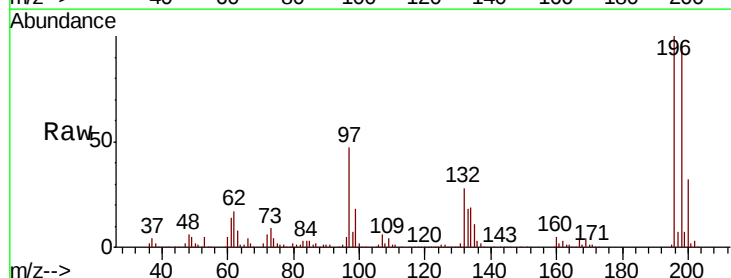
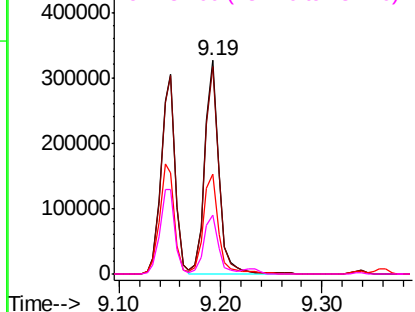
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

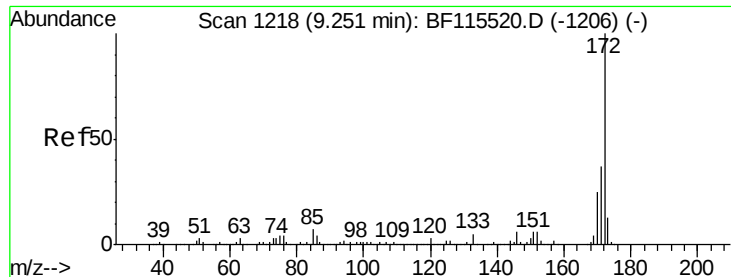


#44
 2,4,5-Trichlorophenol
 Concen: 37.078 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:196 Resp: 313171
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.9 116.9
 97 46.7 37.4 56.0
 132 27.8 22.2 33.4

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

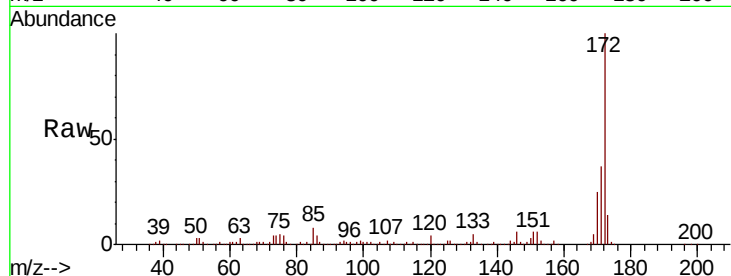




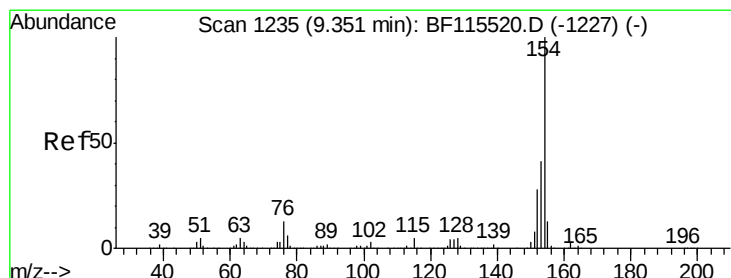
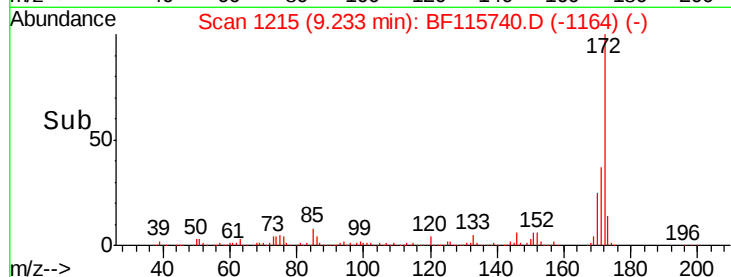
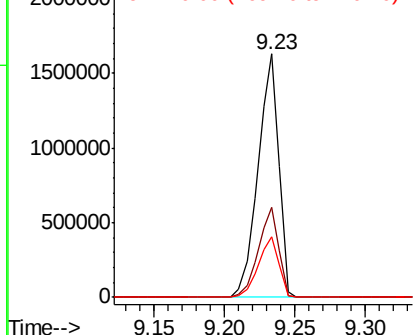
#45
2-Fluorobiphenyl
Concen: 79.054 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1691557
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 25.0 20.0 30.0

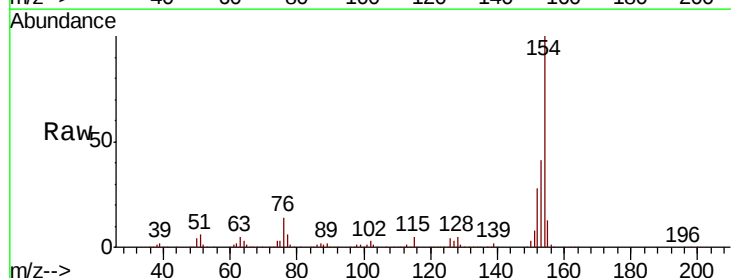


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

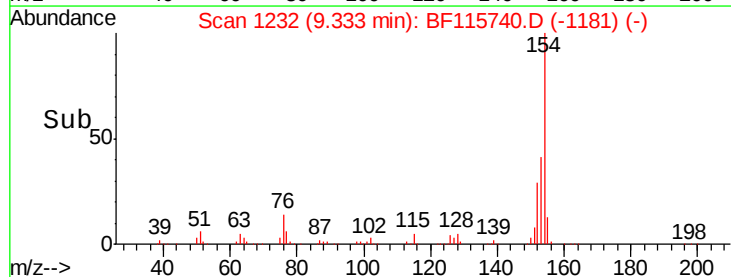
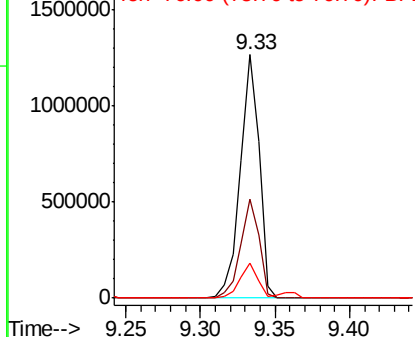


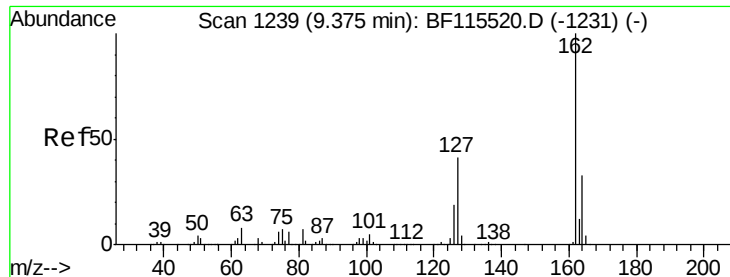
#46
1,1'-Biphenyl
Concen: 38.199 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:154 Resp: 1118441
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.3 0.0 34.3



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

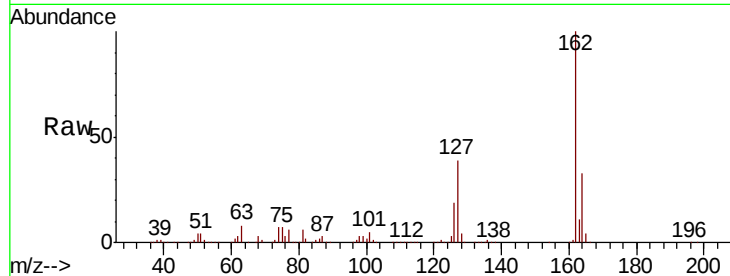




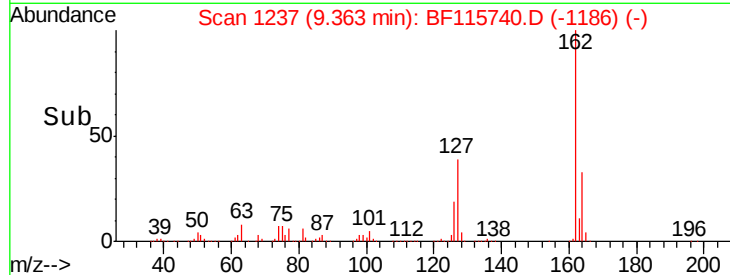
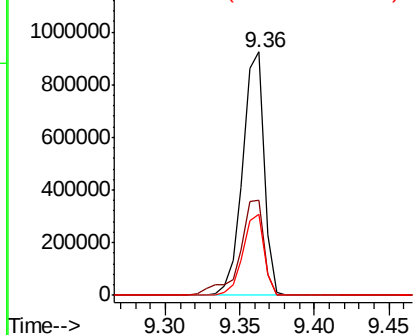
#47
 2-Chloronaphthalene
 Concen: 37.806 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.2
164	33.4	26.7	40.1

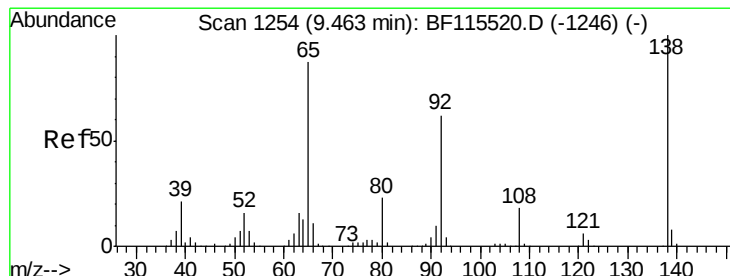


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

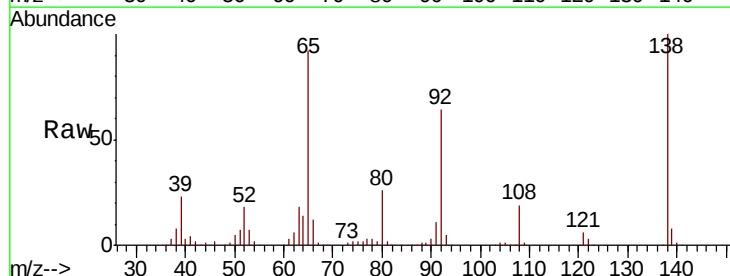
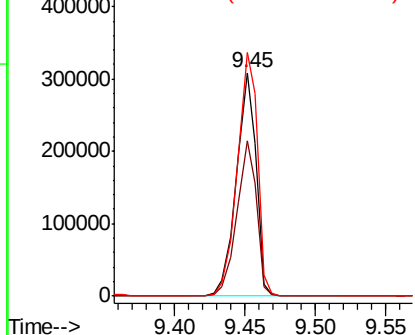


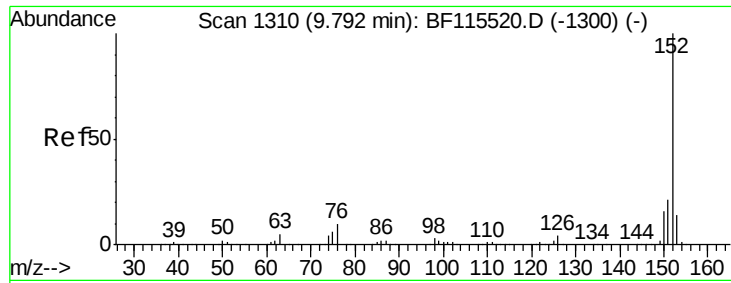
#48
 2-Nitroaniline
 Concen: 39.613 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.4	83.2
138	109.0	87.2	130.8



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

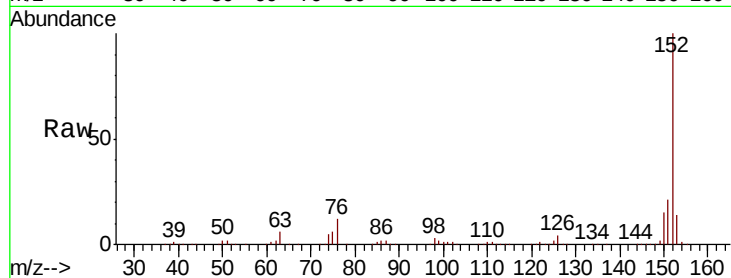
Tot Ion:152 Resp: 1388340

Ion Ratio Lower Upper

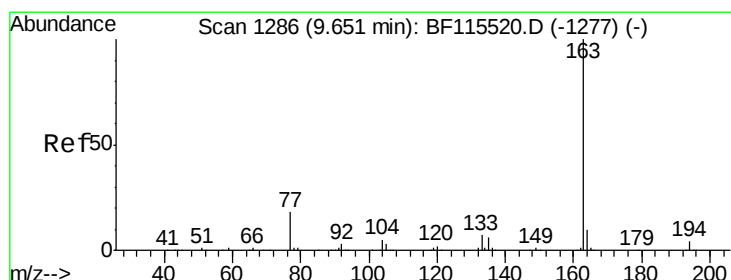
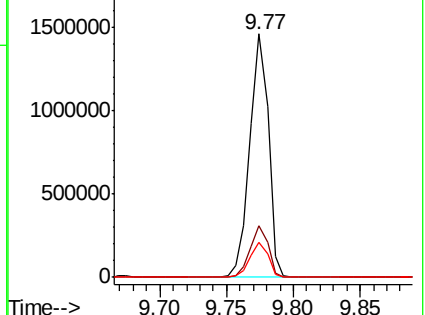
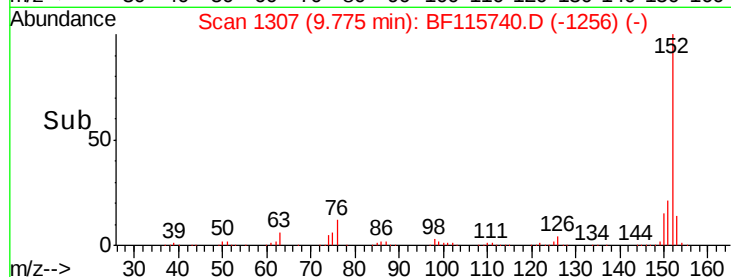
152 100

151 21.1 16.9 25.3

153 14.4 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

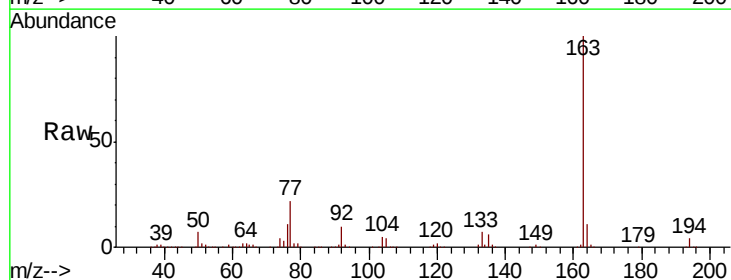
Tgt Ion:163 Resp: 1104158

Ion Ratio Lower Upper

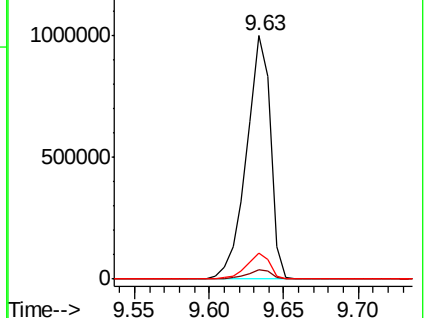
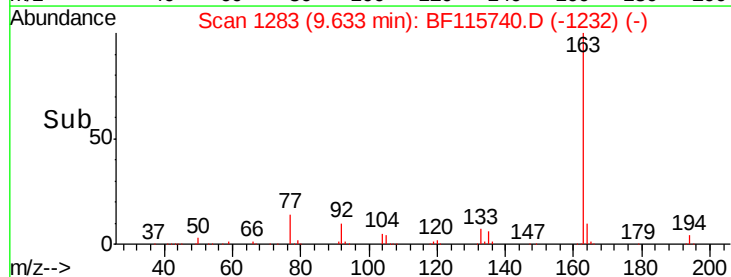
163 100

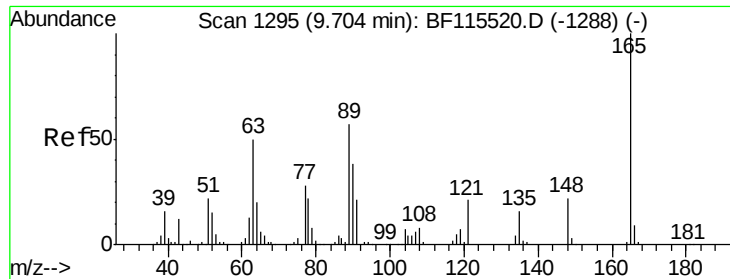
194 3.8 3.0 4.6

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

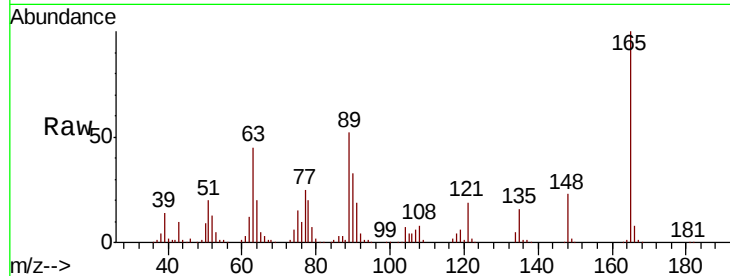
Tot Ion:165 Resp: 244555

Ion Ratio Lower Upper

165 100

63 44.7 35.8 53.6

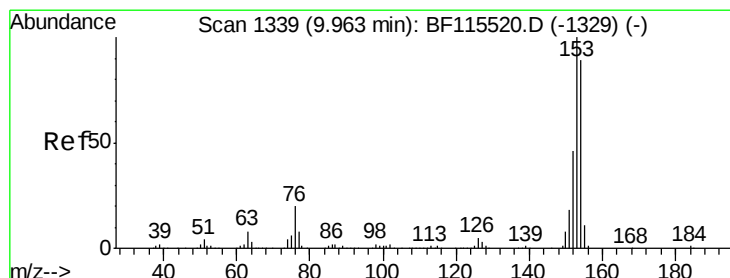
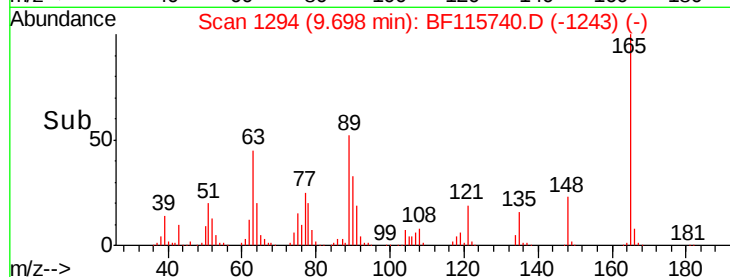
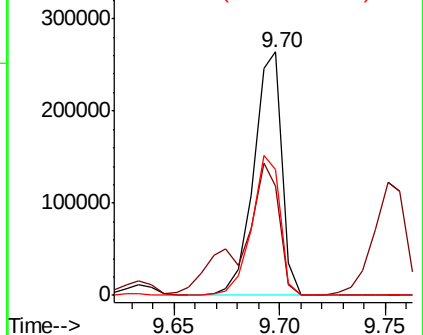
89 51.8 41.4 62.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.086 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

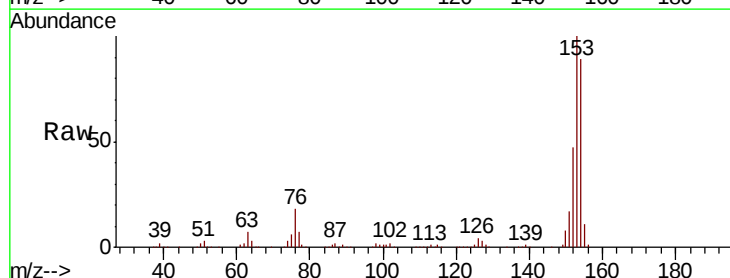
Tgt Ion:154 Resp: 841612

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

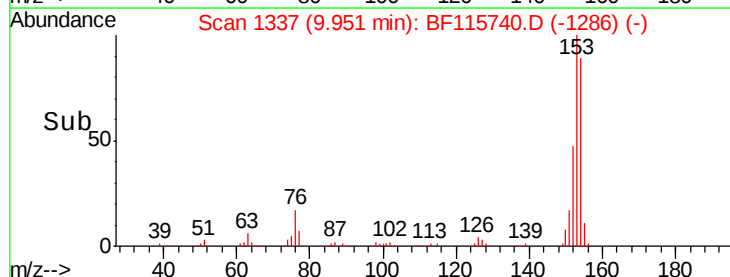
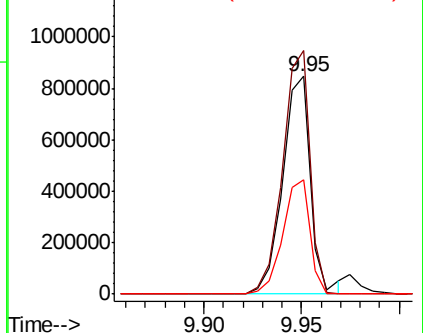
152 52.8 42.2 63.4

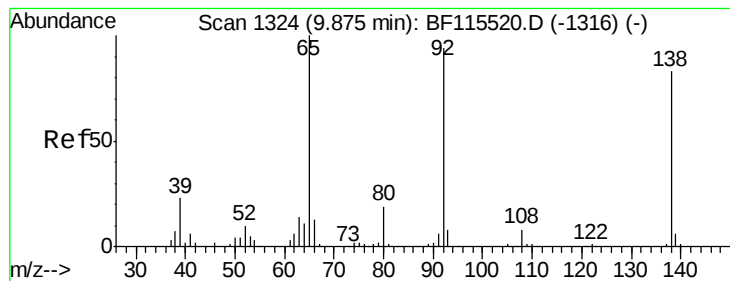


Abundance Ion 154.00 (153.70 to 154.70): E

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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

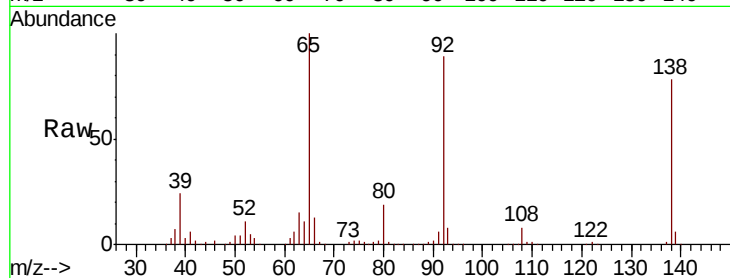
Tot Ion:138 Resp: 281624

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

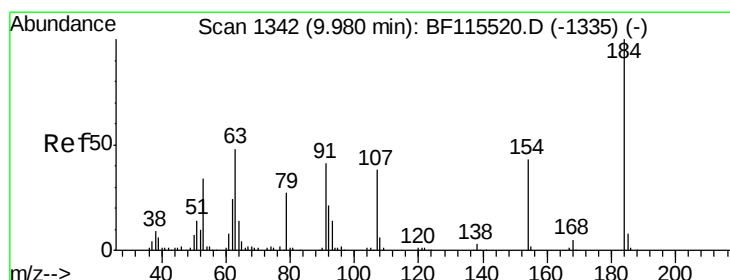
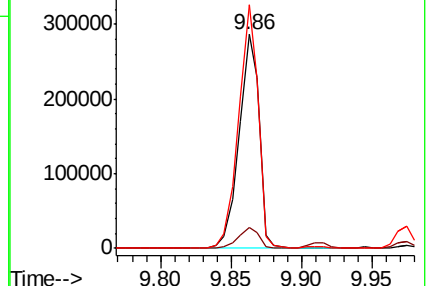
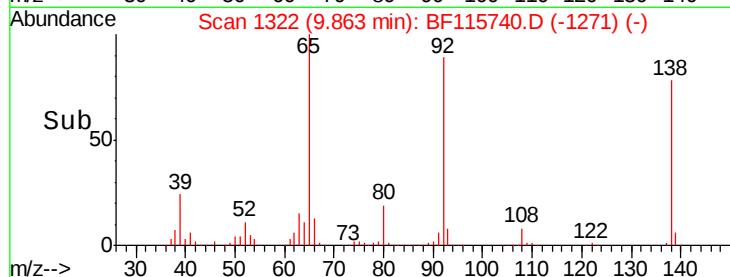
92 113.8 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 33.220 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

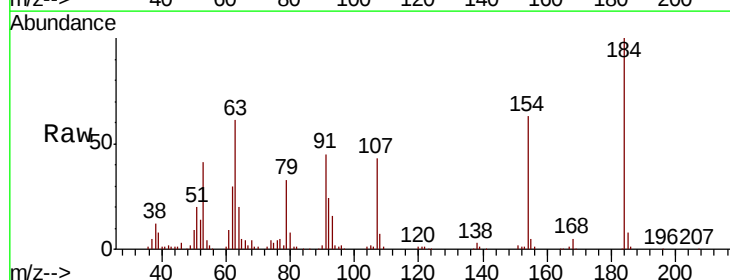
Tgt Ion:184 Resp: 109217

Ion Ratio Lower Upper

184 100

63 60.7 48.6 72.8

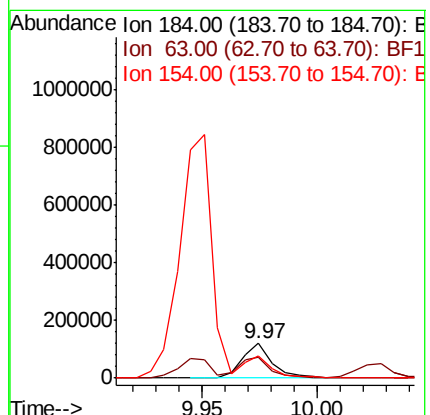
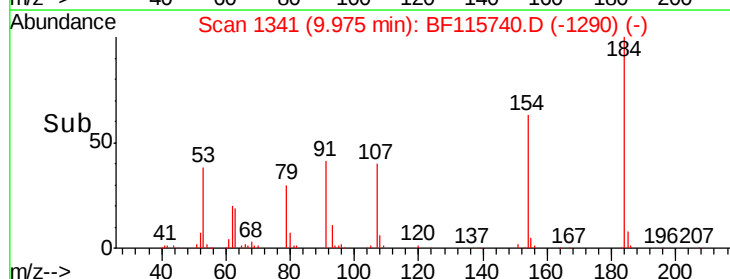
154 63.2 50.6 75.8

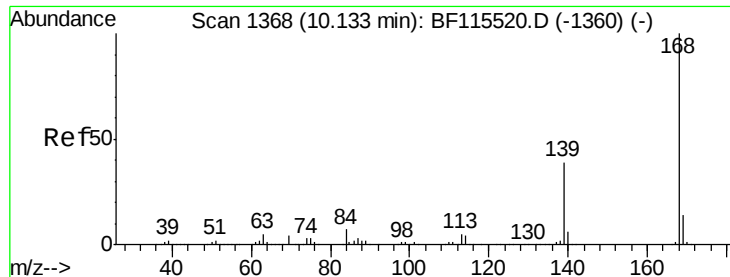


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

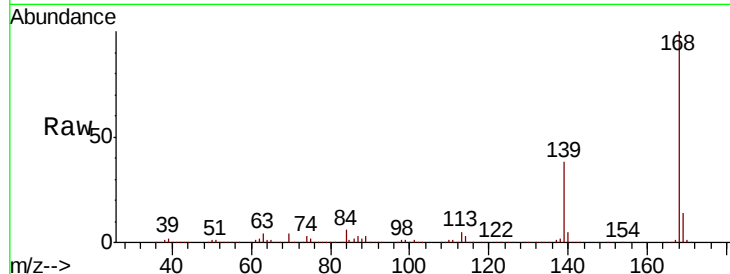




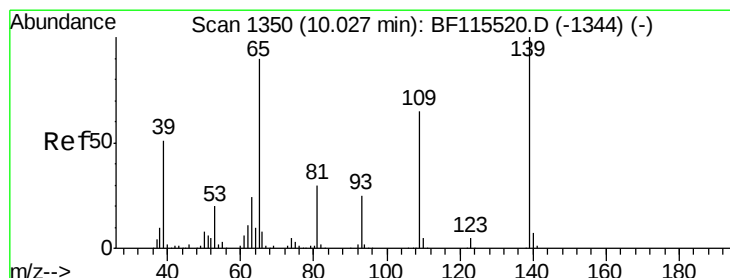
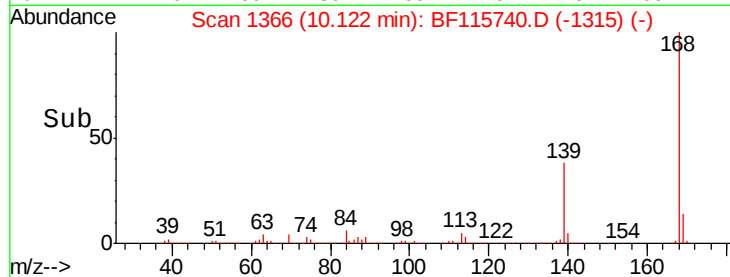
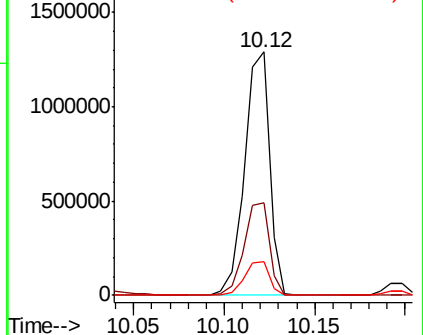
#55
Dibenzenofuran
Concen: 37.263 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1234180
Ion Ratio Lower Upper
168 100
139 37.9 30.3 45.5
169 13.8 11.0 16.6

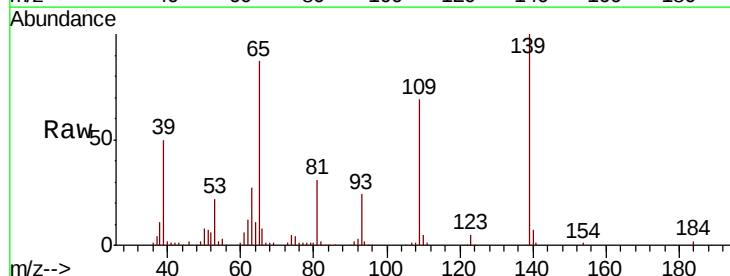


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

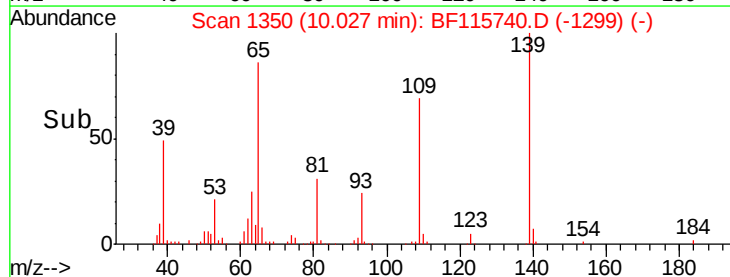
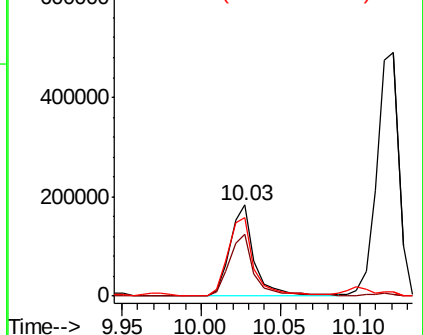


#56
4-Nitrophenol
Concen: 35.097 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:139 Resp: 195842
Ion Ratio Lower Upper
139 100
109 68.5 48.5 88.5
65 86.5 66.5 106.5



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

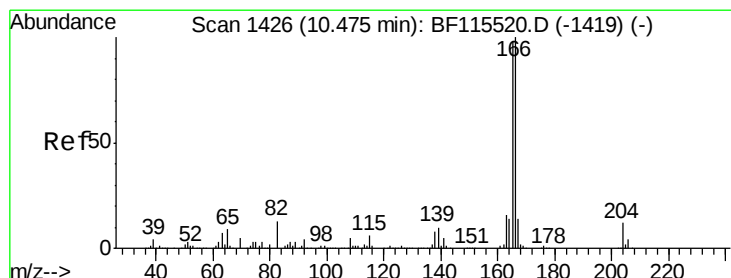
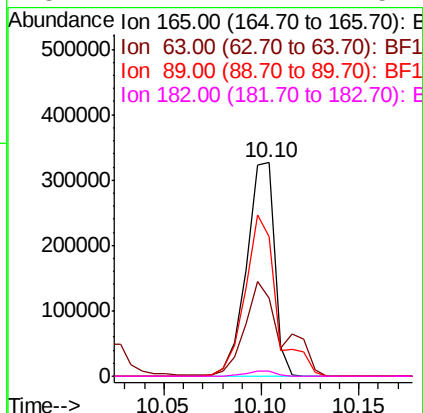
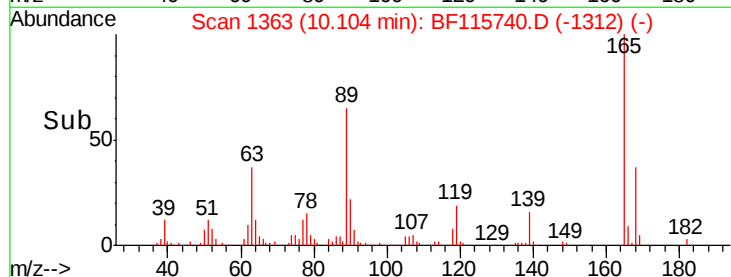
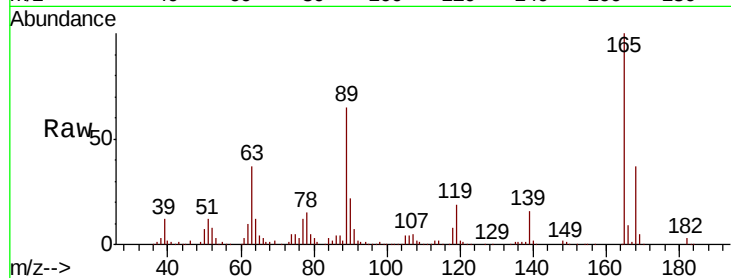




#57
2,4-Dinitrotoluene
Concen: 39.394 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

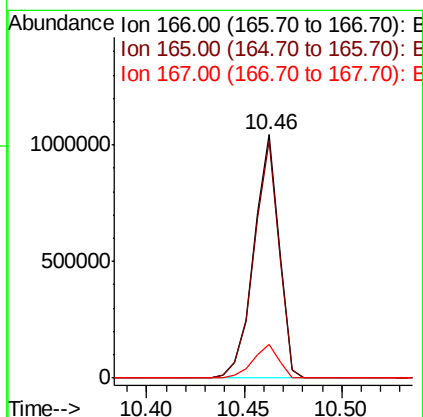
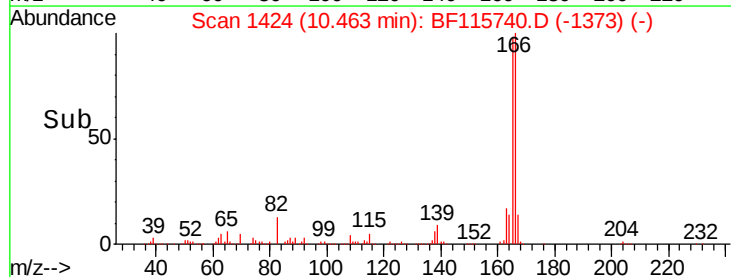
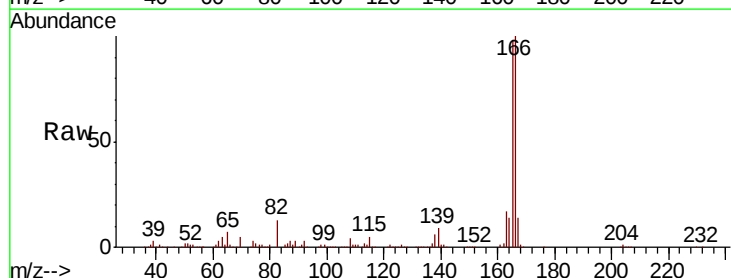
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.5	44.3
89	65.3	52.2	78.4
182	2.7	2.2	3.2



#58
Fluorene
Concen: 39.229 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.6	10.9	16.3

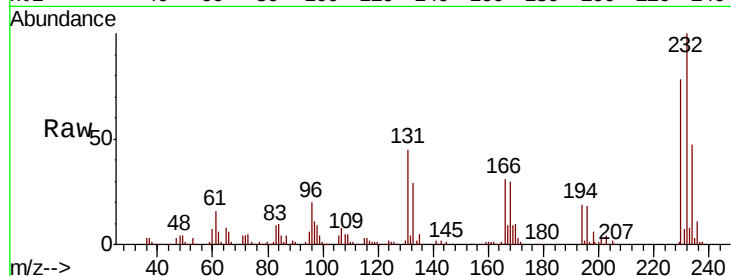




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.057 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	36.0	54.0
130	2.4	1.9	2.9
166	29.4	23.5	35.3



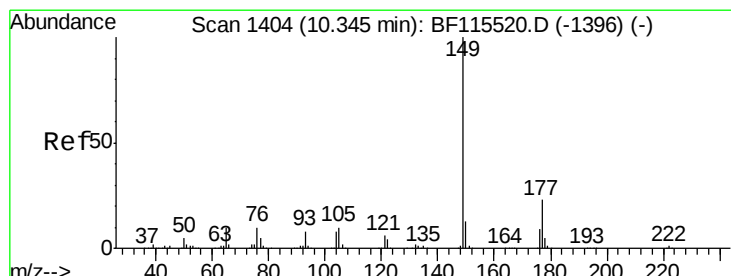
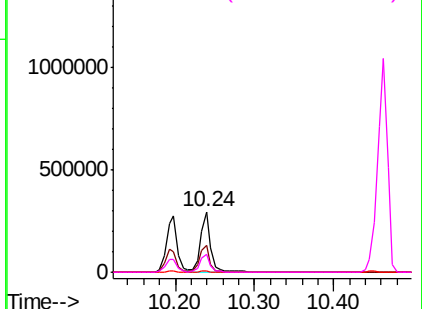
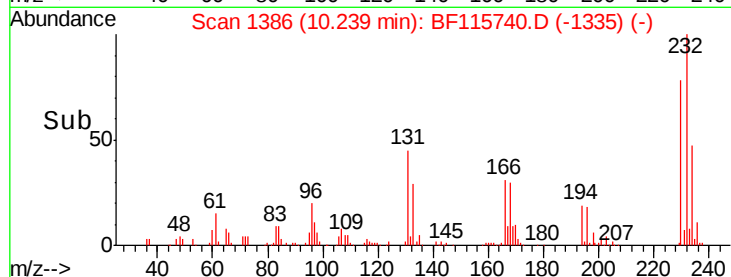
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

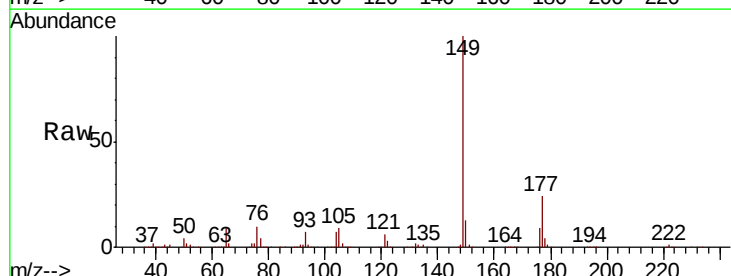
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.769 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.9	28.3
150	12.6	10.1	15.1

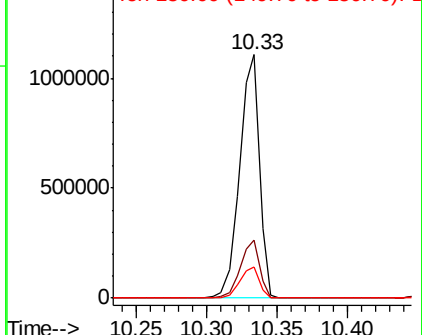
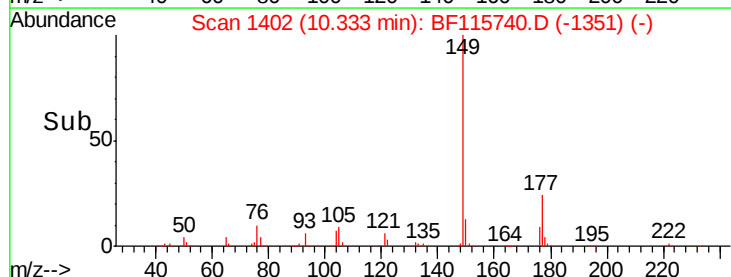


Abundance

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

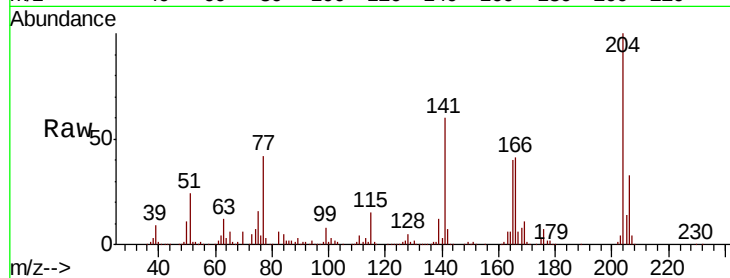




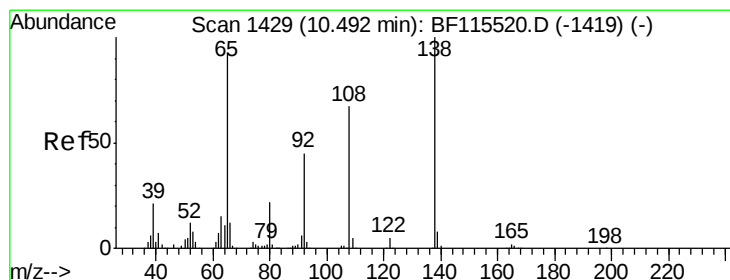
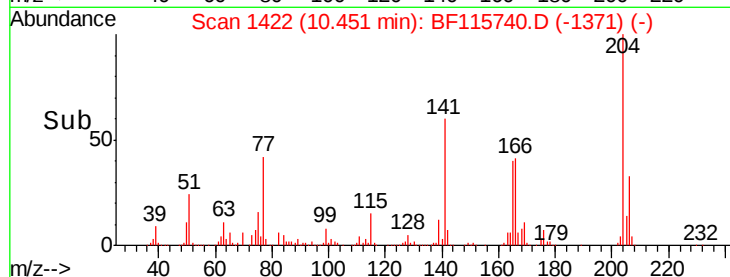
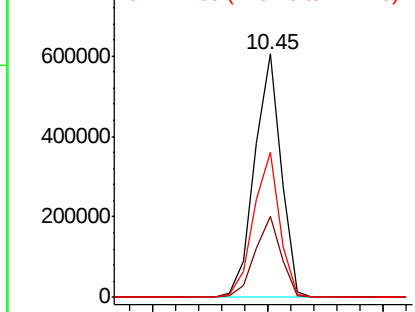
#61
4-Chlorophenyl-phenylether
Concen: 37.150 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 487796
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 59.5 47.6 71.4

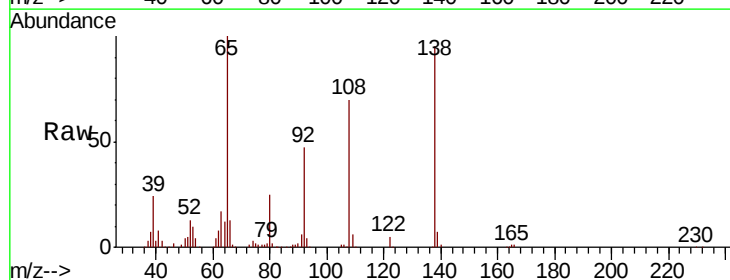


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

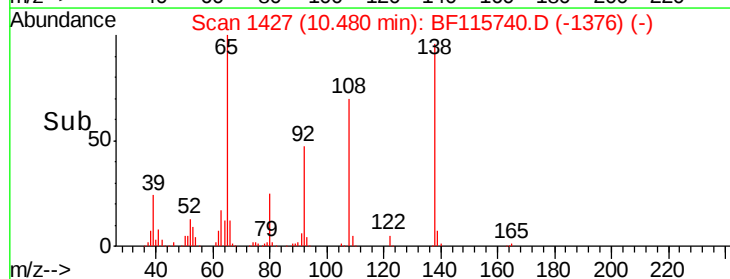
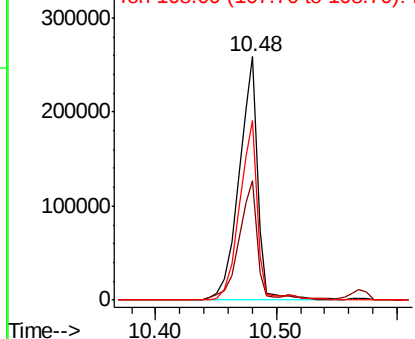


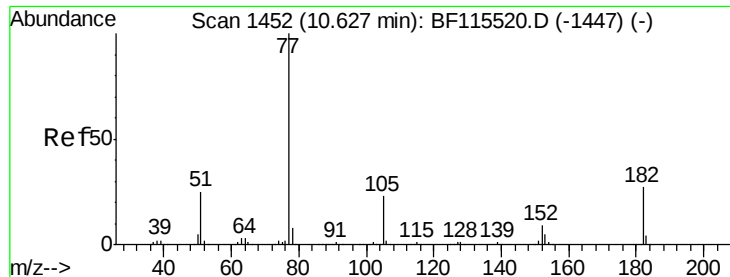
#62
4-Nitroaniline
Concen: 39.891 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:138 Resp: 280003
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 73.6 53.6 93.6



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1058078

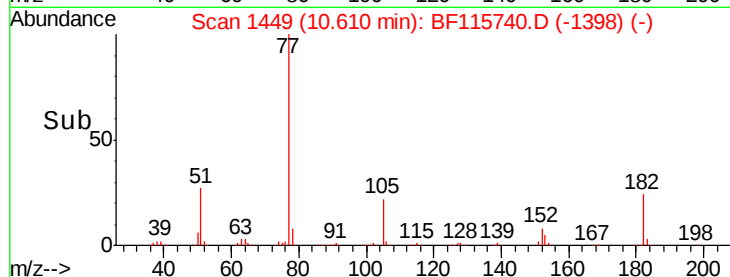
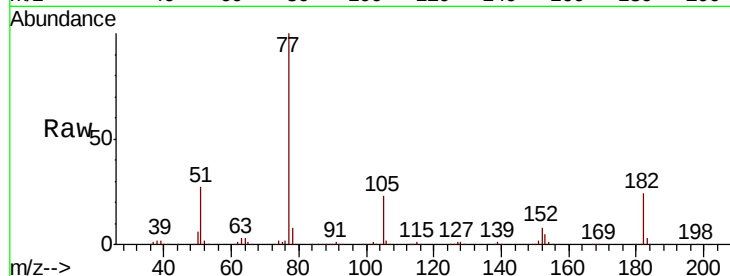
Ion Ratio Lower Upper

77 100

182 24.2 4.2 44.2

105 22.5 2.5 42.5

51 27.0 7.0 47.0

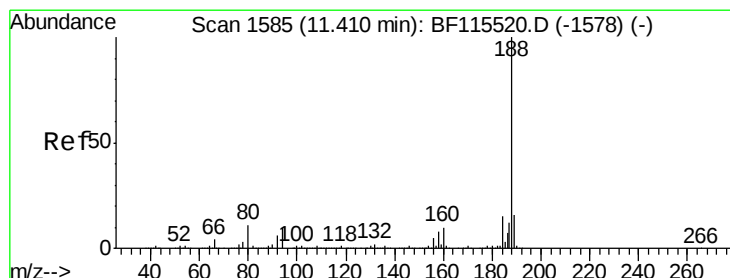
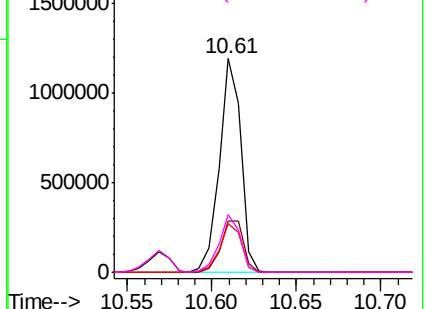


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

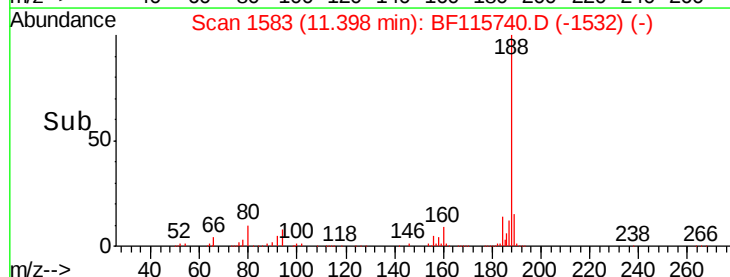
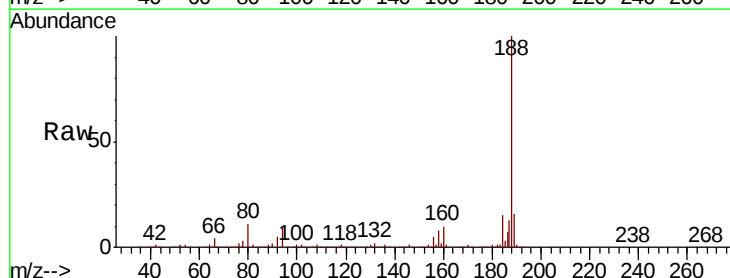
Tgt Ion: 188 Resp: 731740

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

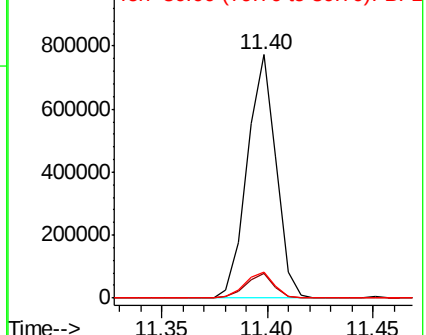
80 10.5 8.4 12.6

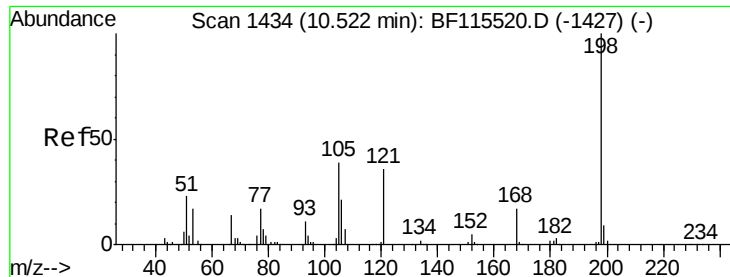


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

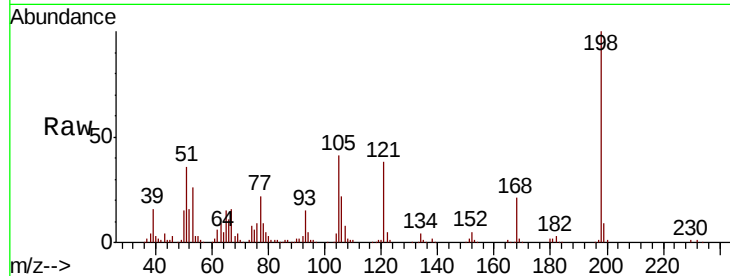




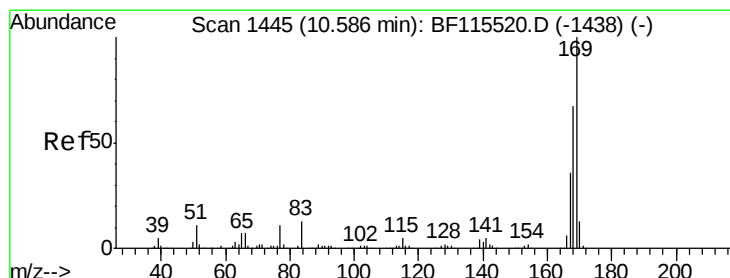
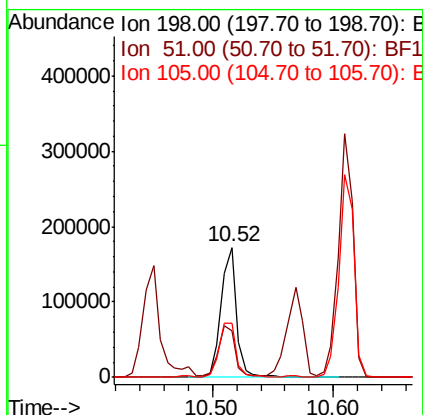
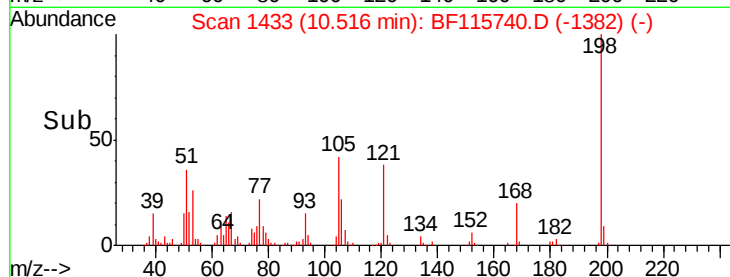
#65
4,6-Dinitro-2-methylphenol
Concen: 34.059 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 152267
Ion Ratio Lower Upper
198 100
51 35.7 15.7 55.7
105 41.5 21.5 61.5

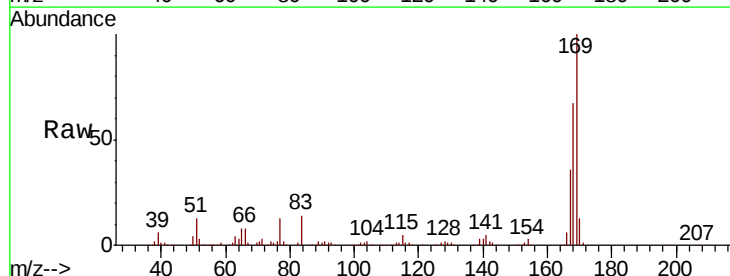


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

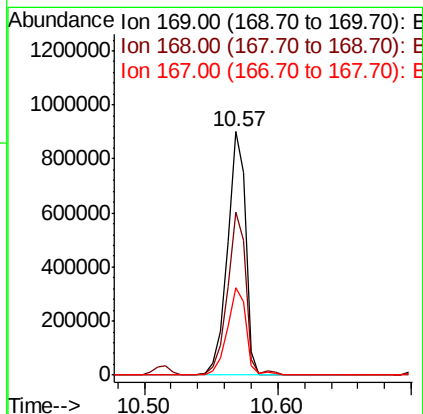
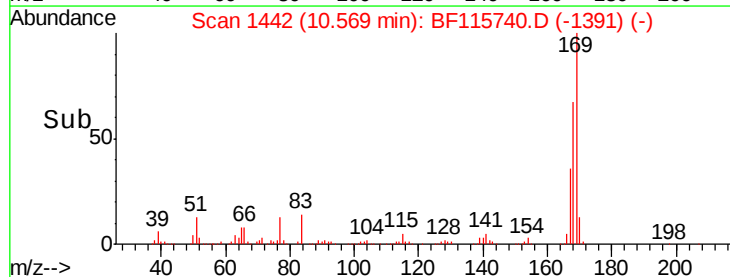


#66
n-Nitrosodiphenylamine
Concen: 38.128 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:169 Resp: 867858
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.2 29.0 43.4



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

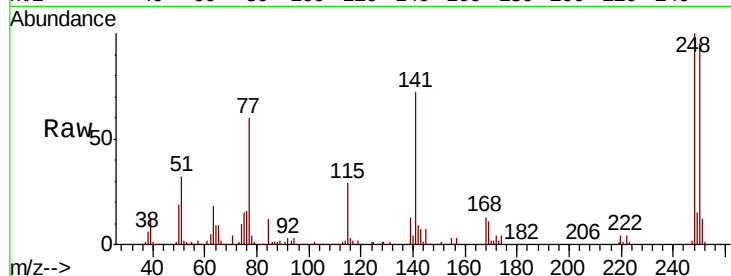




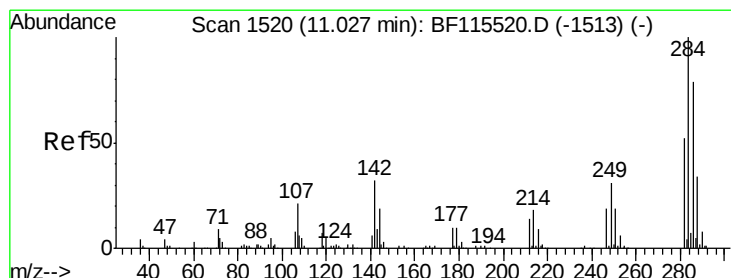
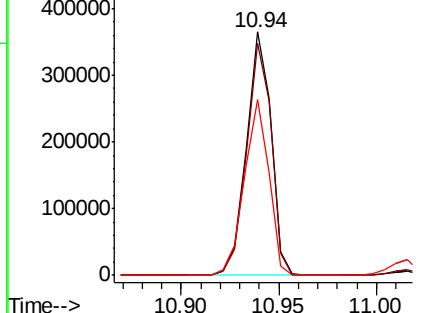
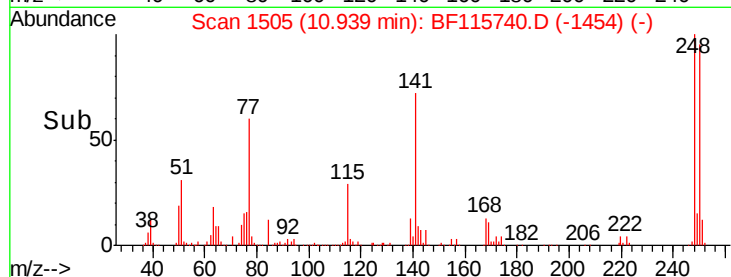
#67
4-Bromophenyl-phenylether
Concen: 38.134 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 318878
Ion Ratio Lower Upper
248 100
250 95.1 76.1 114.1
141 72.1 57.7 86.5

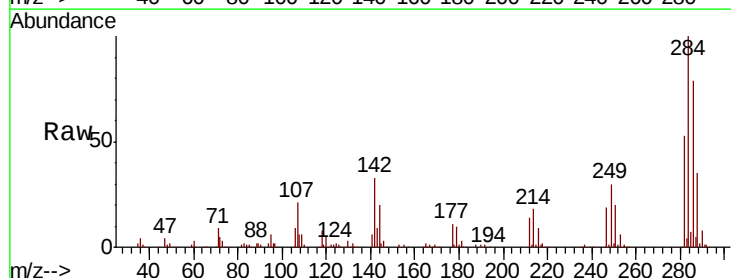


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

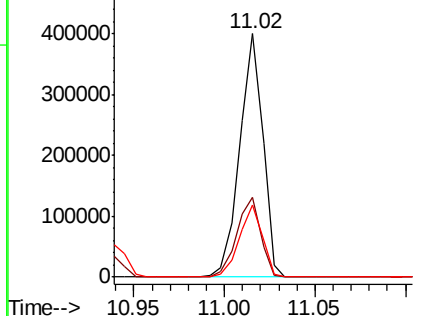
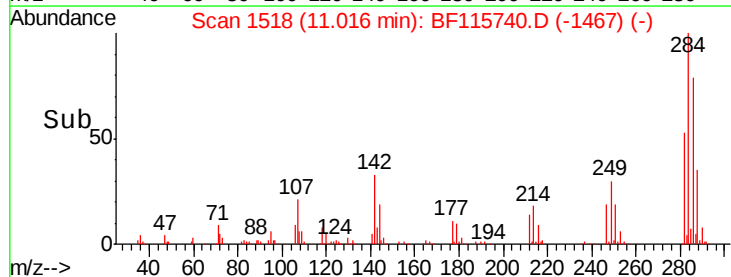


#68
Hexachlorobenzene
Concen: 37.179 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:284 Resp: 355041
Ion Ratio Lower Upper
284 100
142 33.0 26.4 39.6
249 29.8 23.8 35.8



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

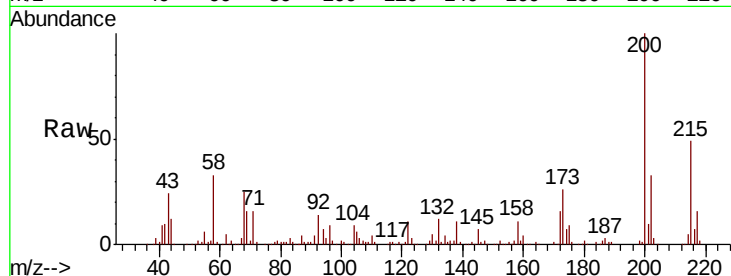
Tot Ion:200 Resp: 259955

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

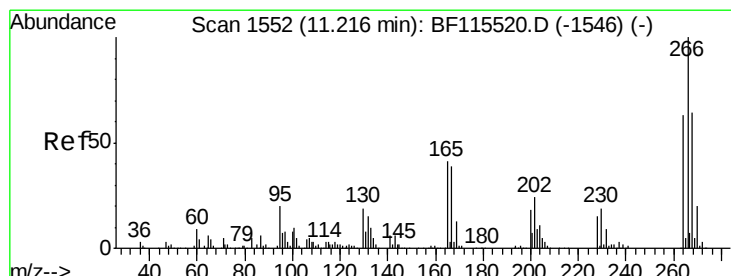
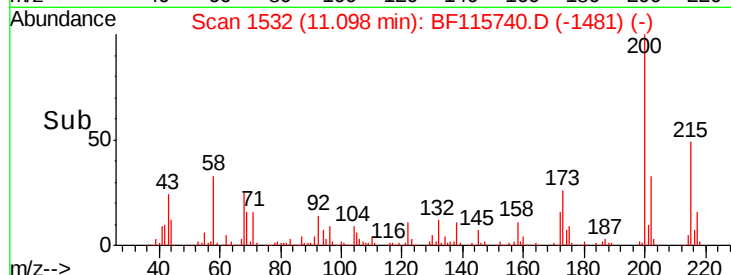
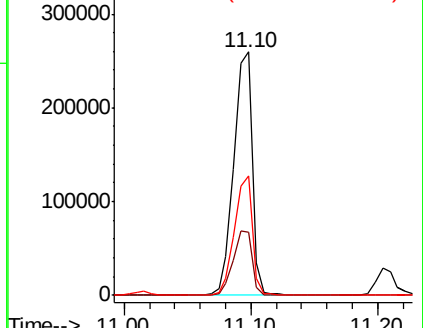
215 48.8 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 32.042 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

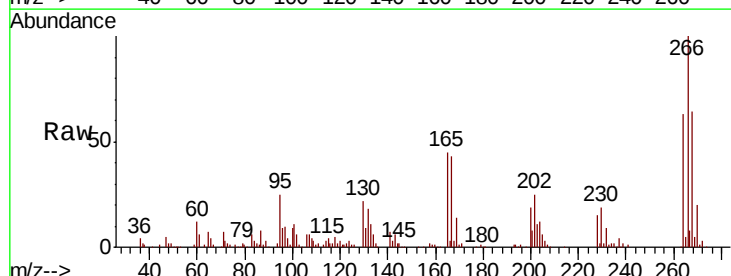
Tgt Ion:266 Resp: 187145

Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

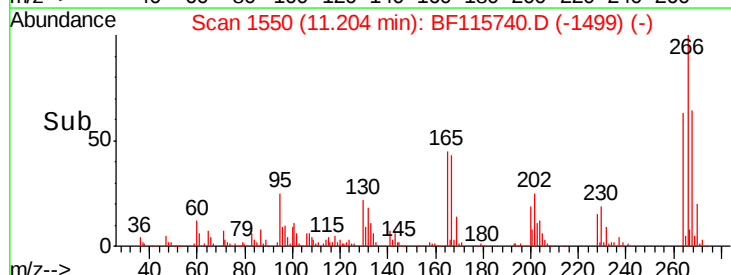
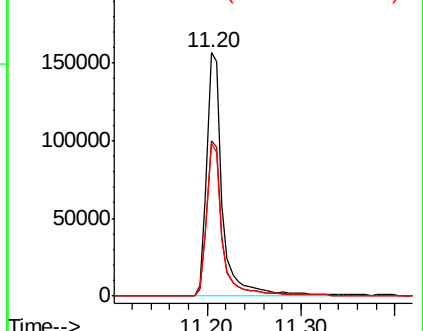
264 62.9 50.3 75.5

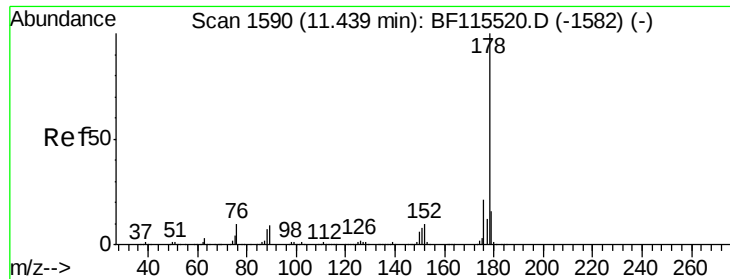


Abundance Ion 265.70 (265.40 to 266.40): E

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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

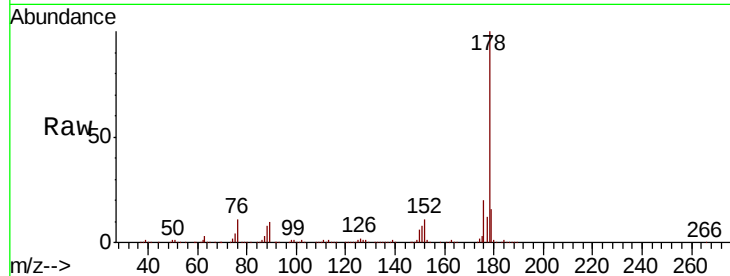
Tot Ion:178 Resp: 1416080

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

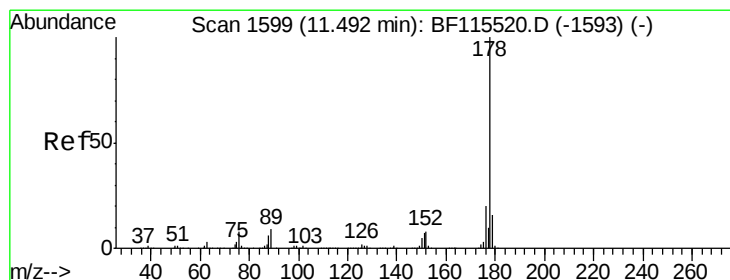
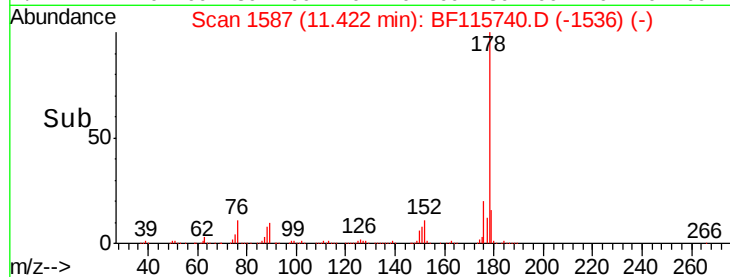
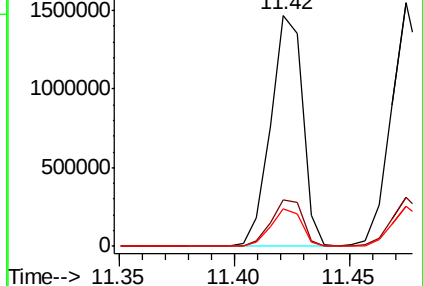
179 16.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.386 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

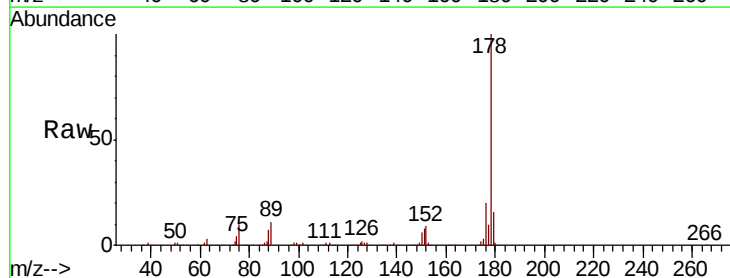
Tgt Ion:178 Resp: 1449227

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

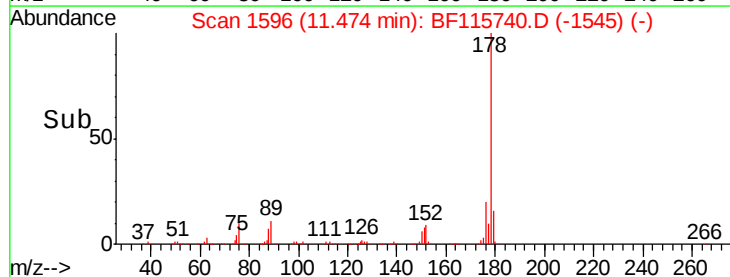
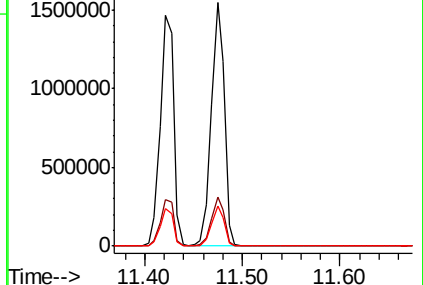
179 16.4 13.1 19.7

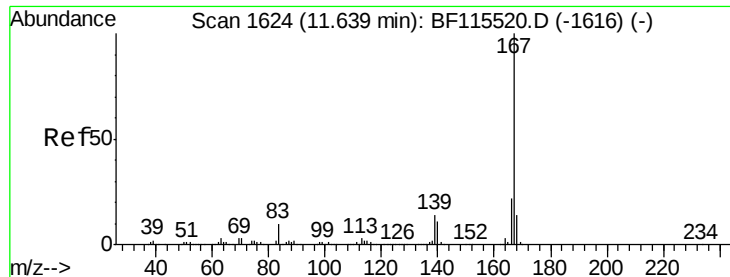


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



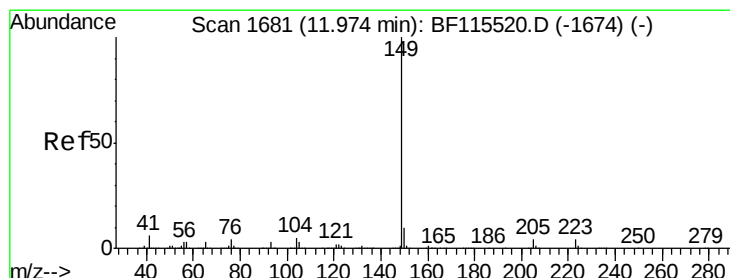
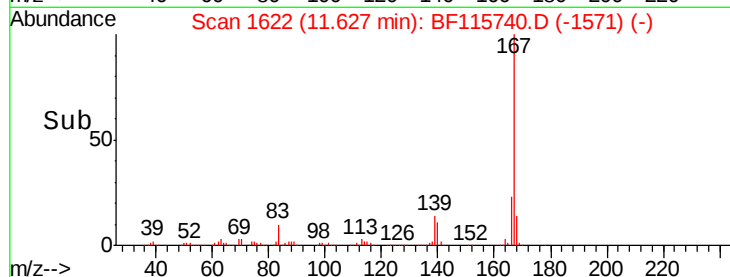
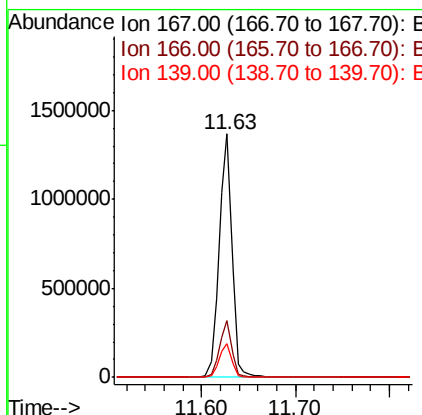
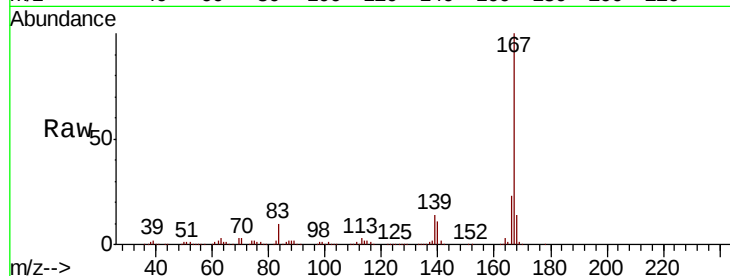


#73
 Carbazole
 Concen: 38.412 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1305737

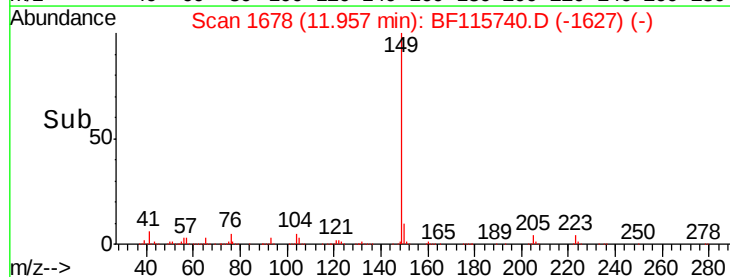
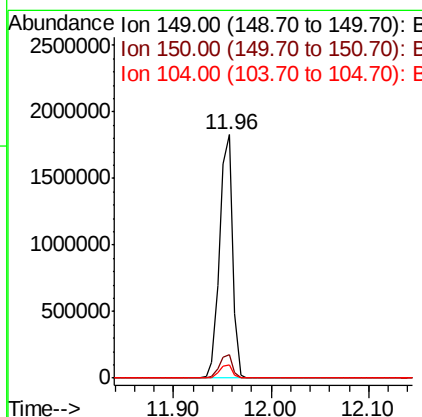
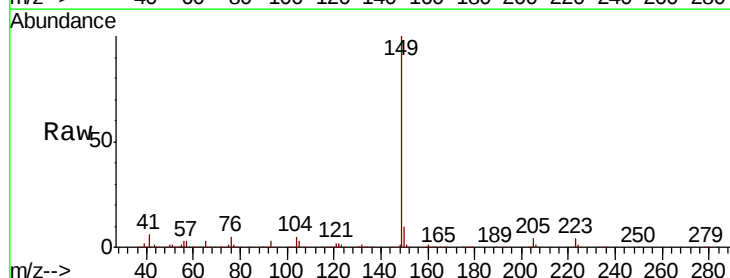
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.5	27.7
139	13.9	11.1	16.7

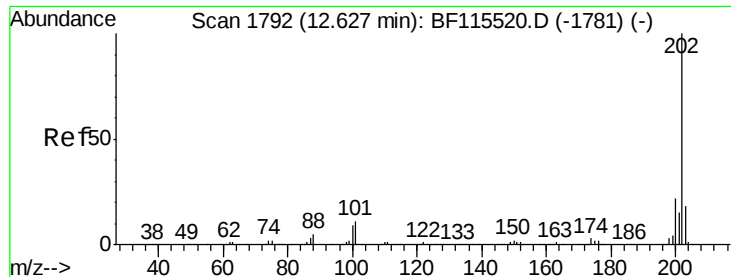


#74
 Di-n-butylphthalate
 Concen: 40.359 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BF115740.D
 Acq: 24 Jul 2019 8:53

Tgt Ion:149 Resp: 1689875

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 37.411 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

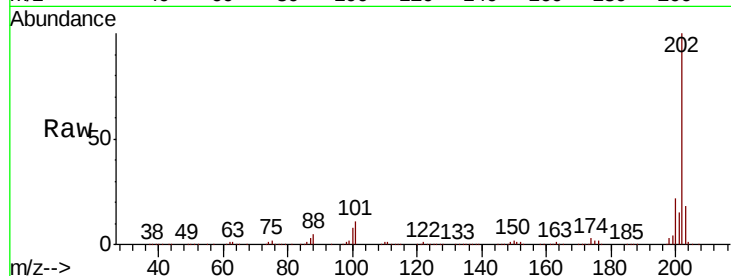
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1482837

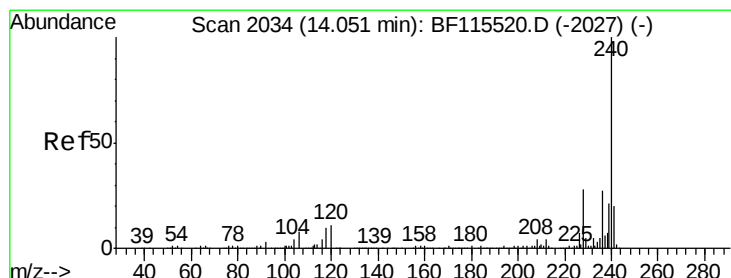
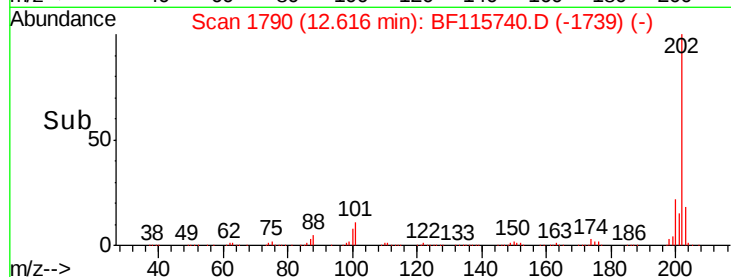
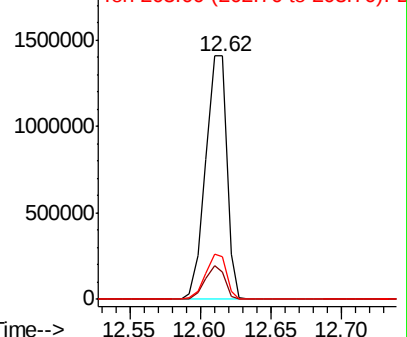
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.7	0.0	37.7



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

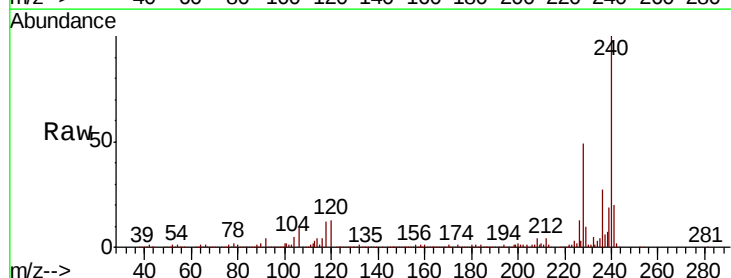
Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Tgt Ion:240 Resp: 496818

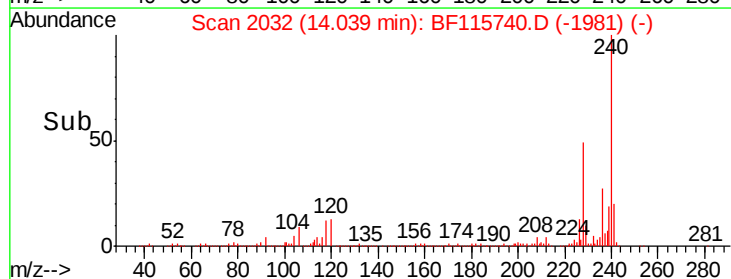
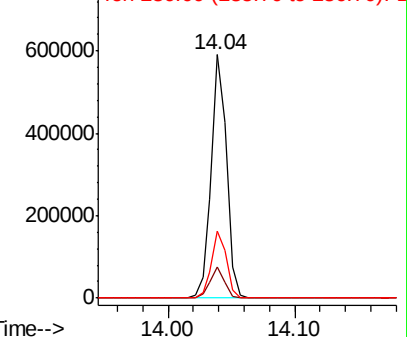
Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.3	15.5
236	27.4	21.9	32.9



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

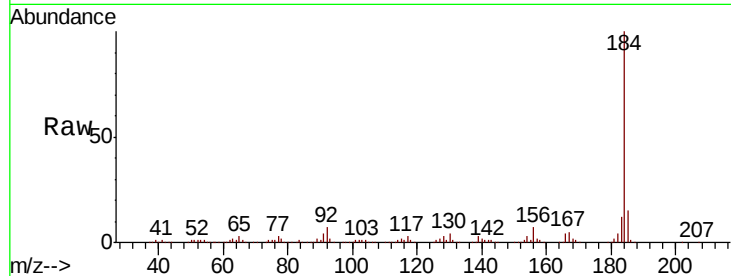
Tot Ion:184 Resp: 625837

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

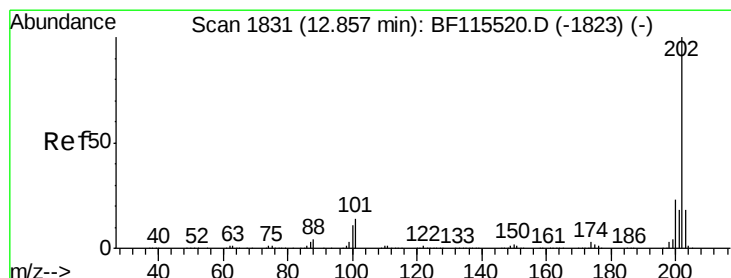
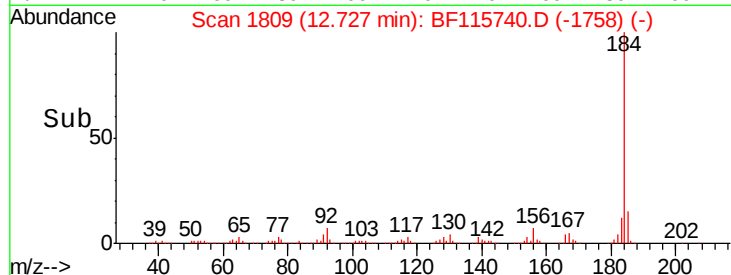
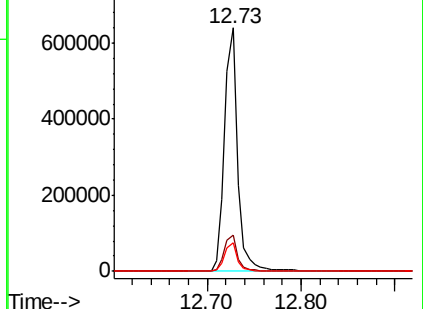
183 11.7 9.4 14.0



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

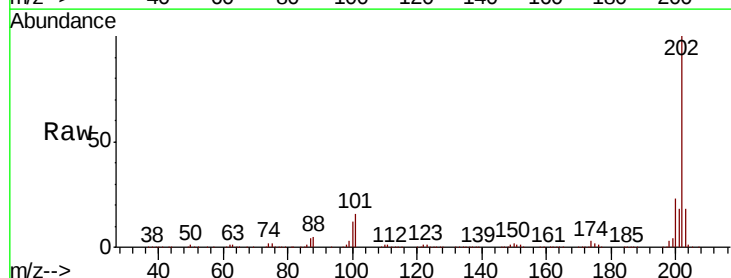
Tgt Ion:202 Resp: 1510577

Ion Ratio Lower Upper

202 100

200 22.6 18.1 27.1

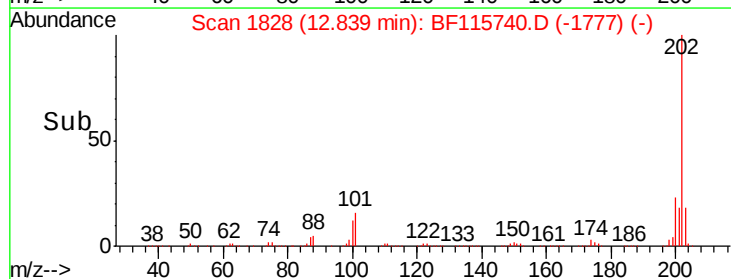
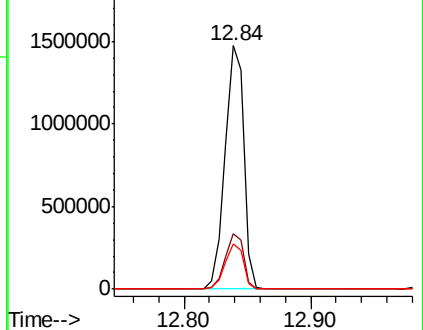
203 18.4 14.7 22.1

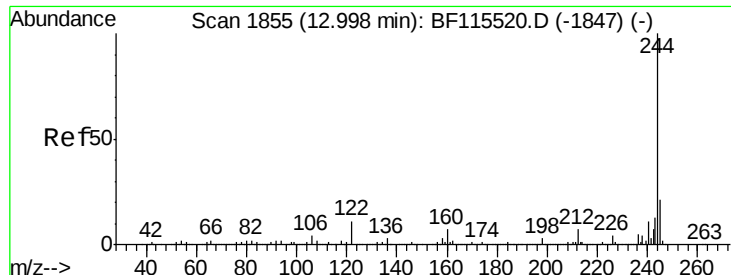


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.032 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

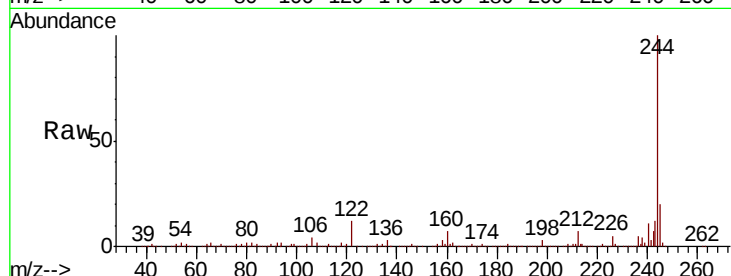
Tot Ion:244 Resp: 1966423

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

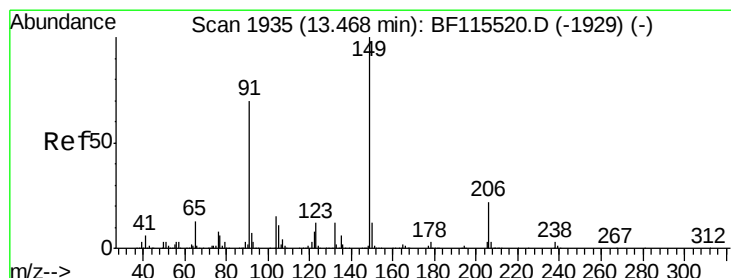
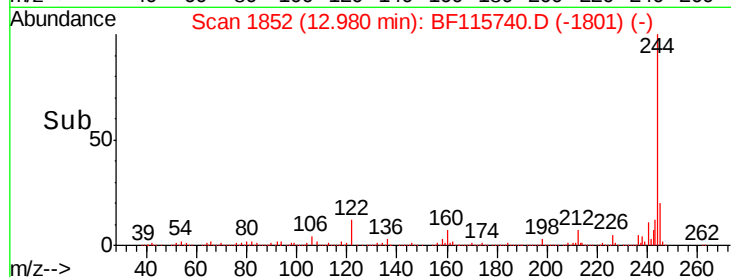
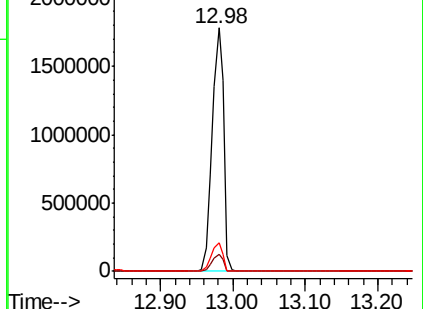
122 11.7 9.4 14.0



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

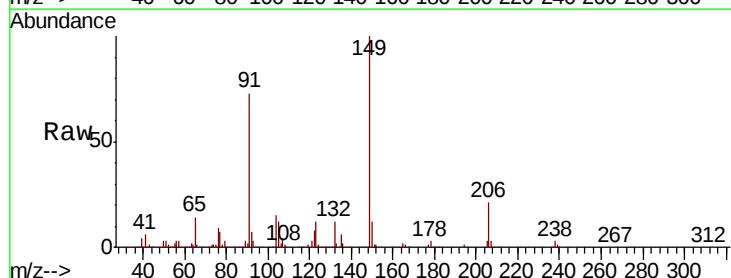
Tgt Ion:149 Resp: 718479

Ion Ratio Lower Upper

149 100

91 72.7 58.2 87.2

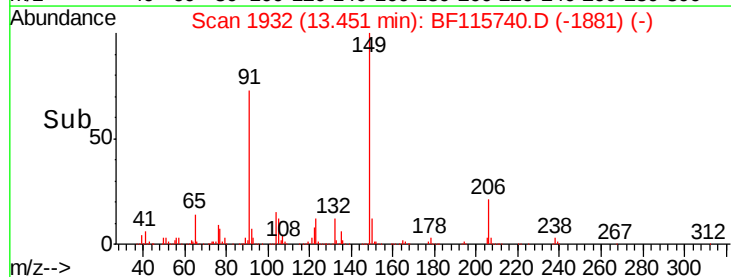
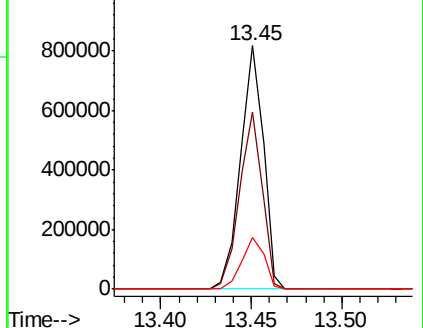
206 21.1 16.9 25.3



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

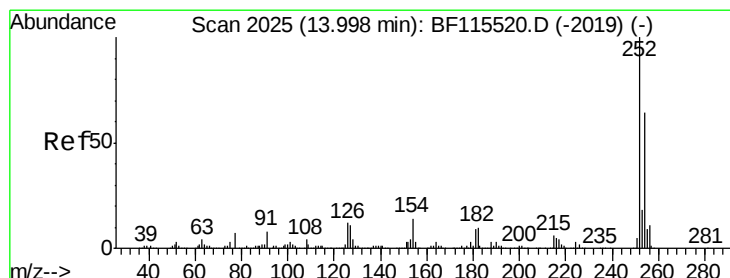
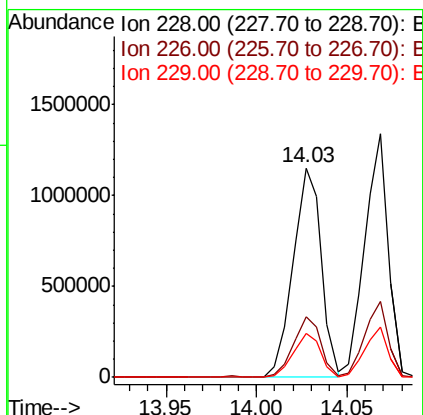
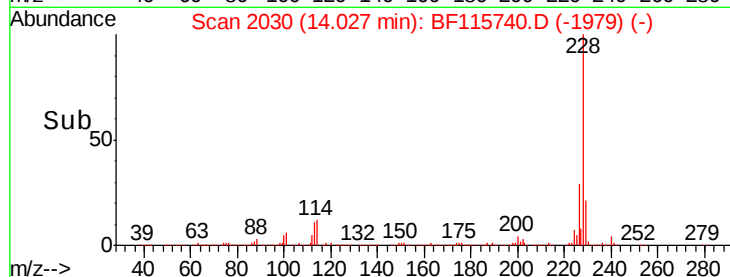
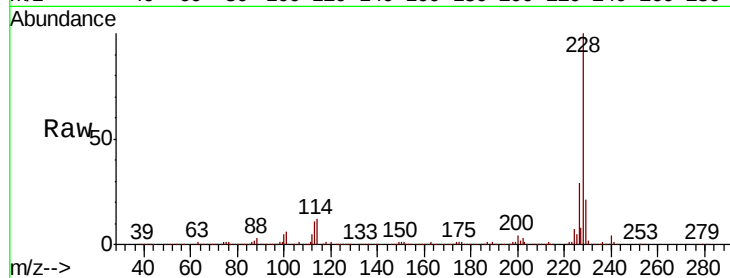
Tot Ion:228 Resp: 1257663

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.7	16.6	24.8

228 100

226 28.8 23.0 34.6

229 20.7 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 39.142 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

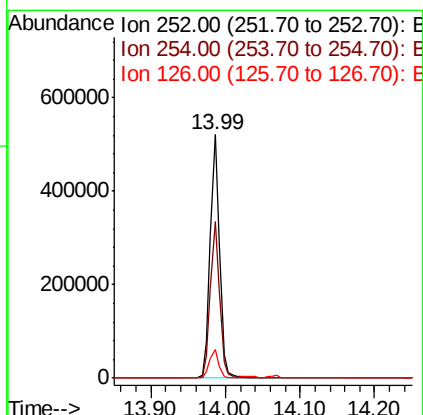
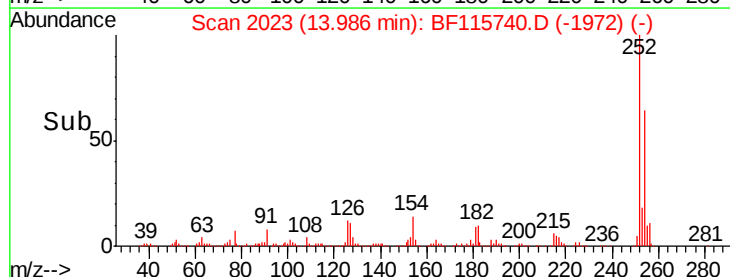
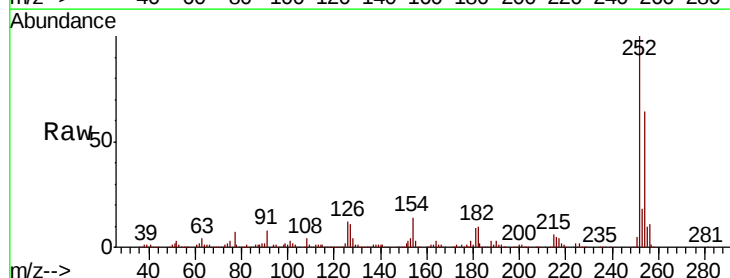
Tgt Ion:252 Resp: 455441

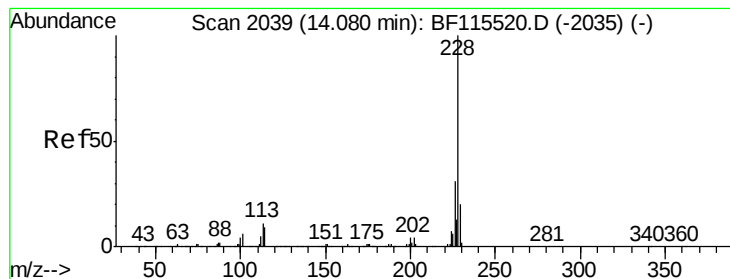
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	11.7	9.4	14.0

252 100

254 64.2 51.4 77.0

126 11.7 9.4 14.0





#83

Chrysene

Concen: 36.891 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

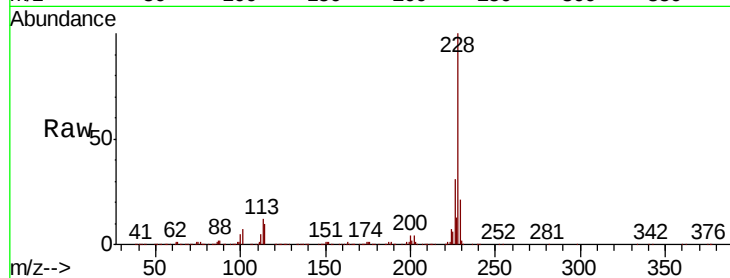
Tot Ion:228 Resp: 1212131

Ion Ratio Lower Upper

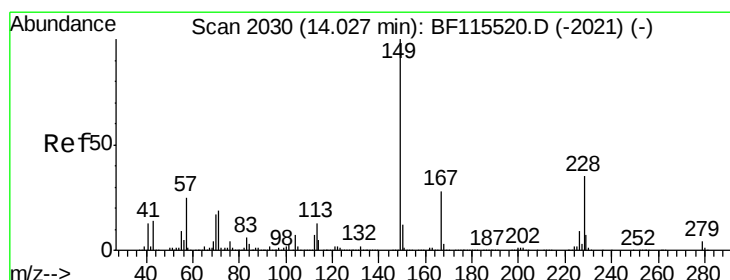
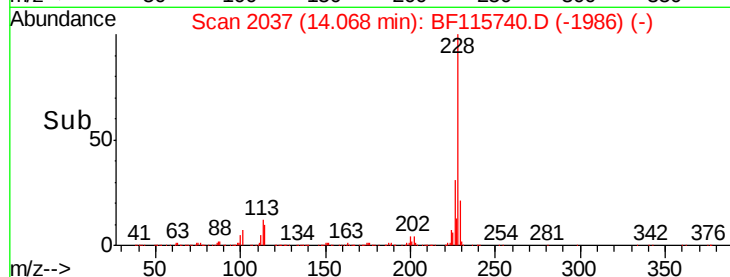
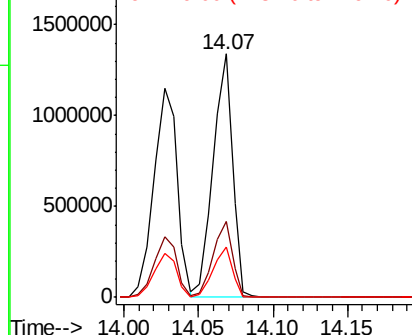
228 100

226 31.2 25.0 37.4

229 20.6 16.5 24.7



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

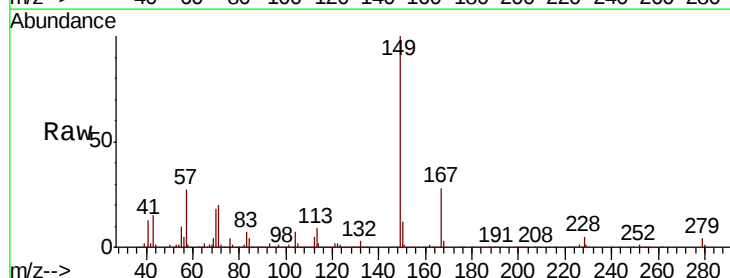
Tgt Ion:149 Resp: 975412

Ion Ratio Lower Upper

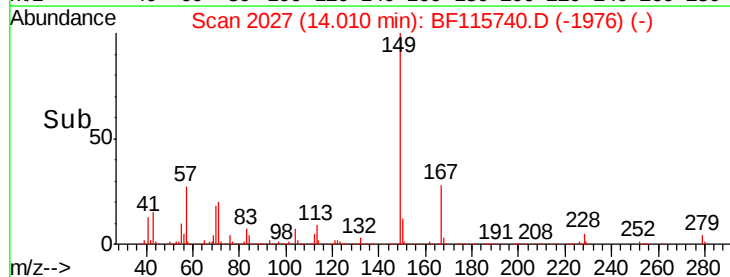
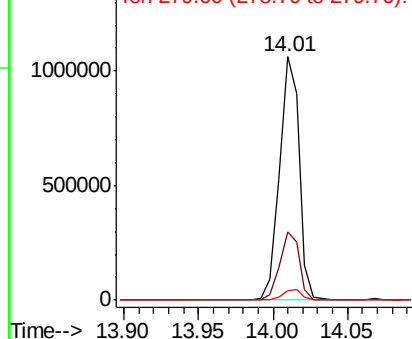
149 100

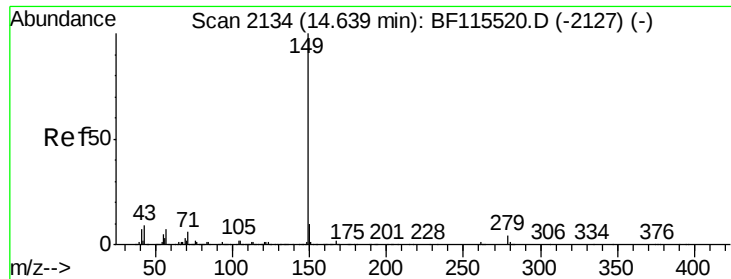
167 28.2 22.6 33.8

279 4.0 3.2 4.8



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. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

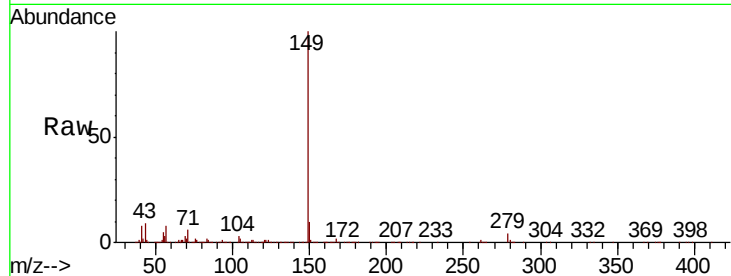
Tot Ion:149 Resp: 1530661

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

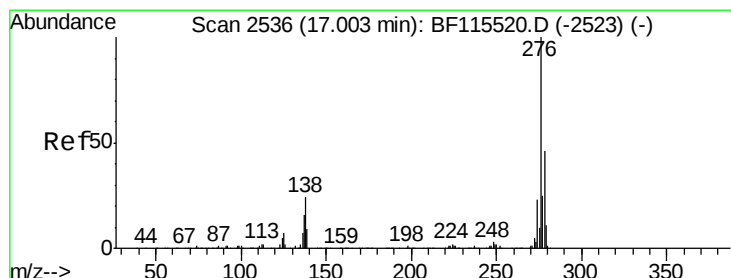
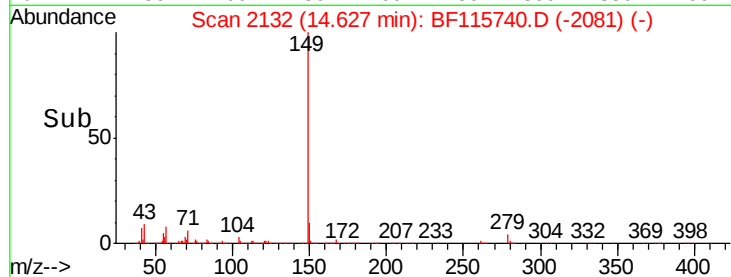
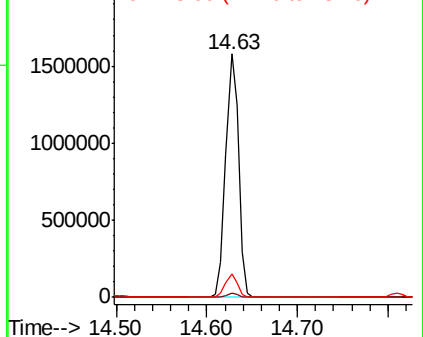
43 9.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.275 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

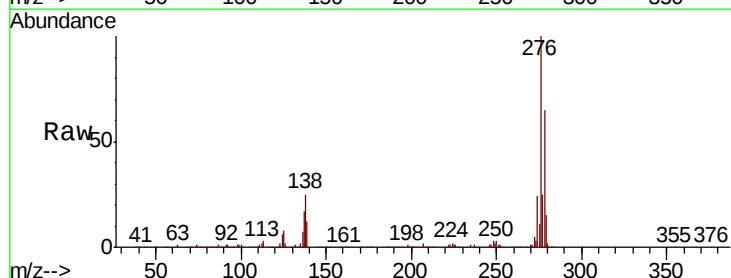
Tgt Ion:276 Resp: 1068420

Ion Ratio Lower Upper

276 100

138 25.8 20.6 31.0

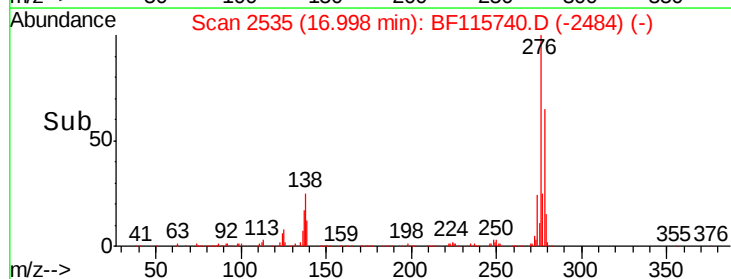
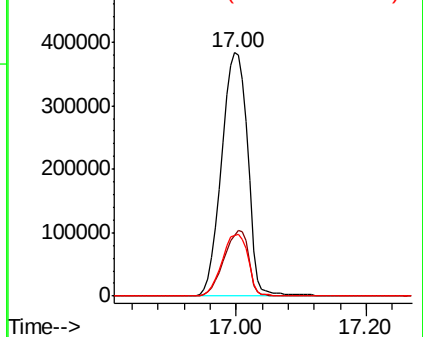
277 25.6 20.5 30.7

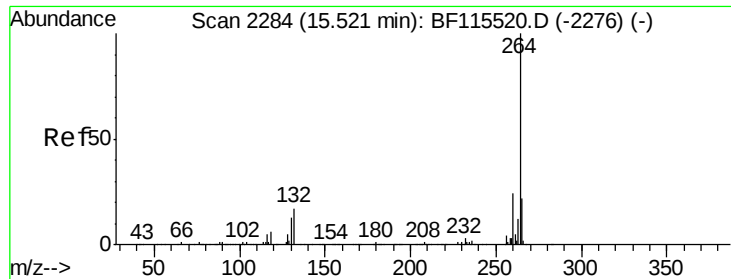


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



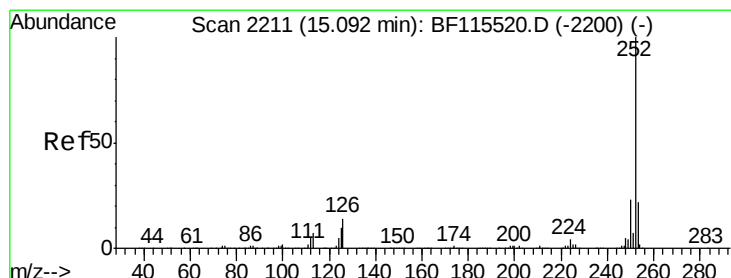
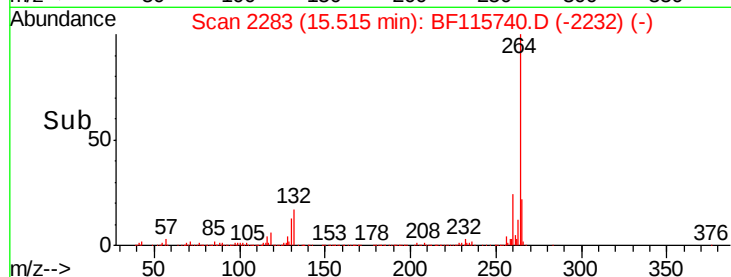
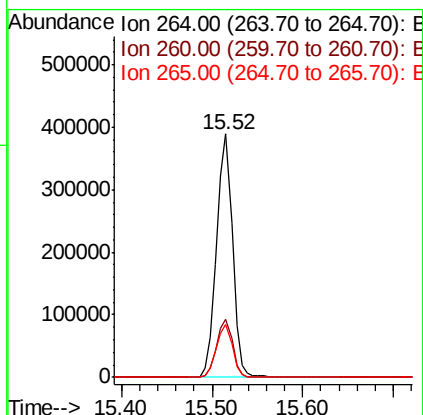
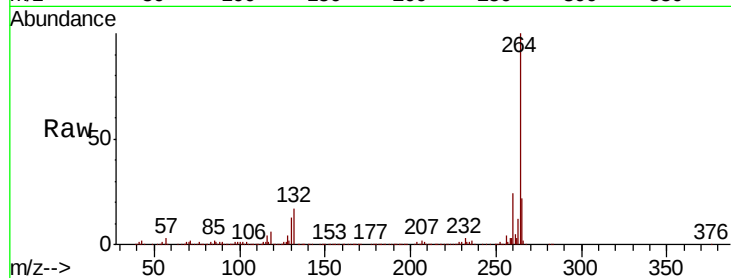


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 473859

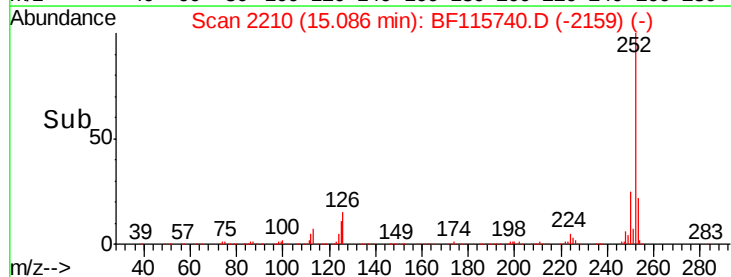
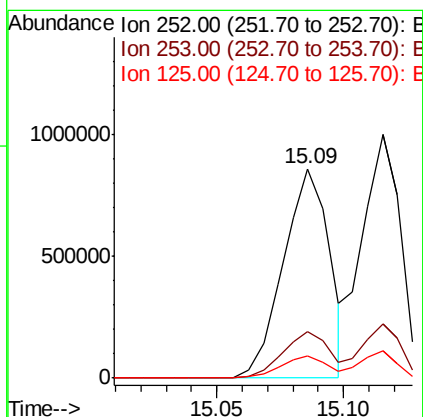
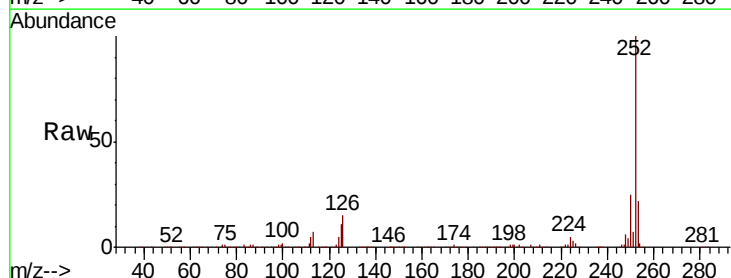
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

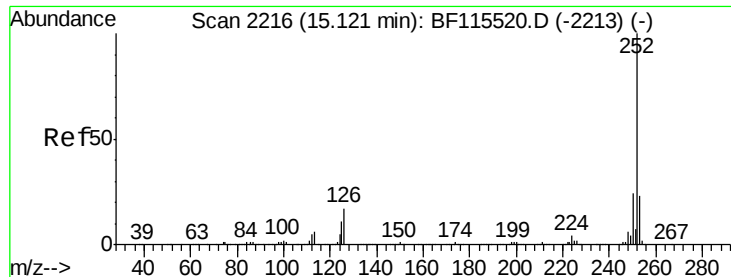


#88
Benzo(b)fluoranthene
Concen: 35.711 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

Tgt Ion:252 Resp: 1089635

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.9	8.7	13.1

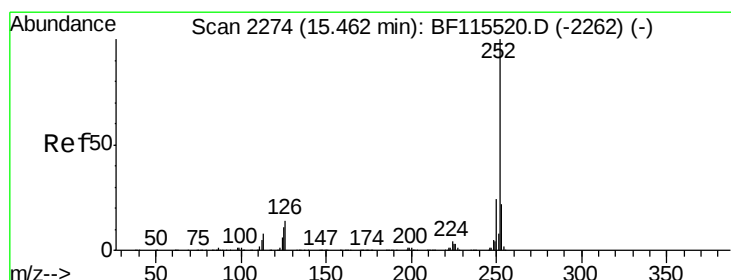
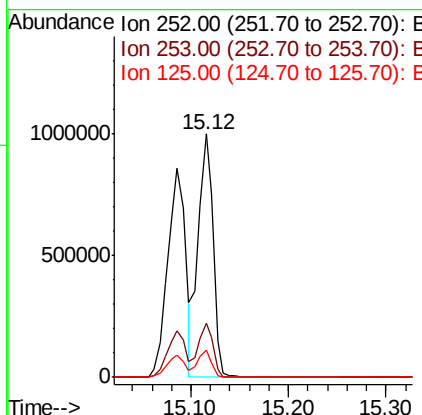
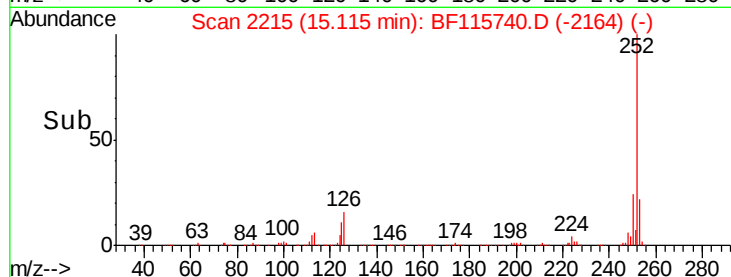
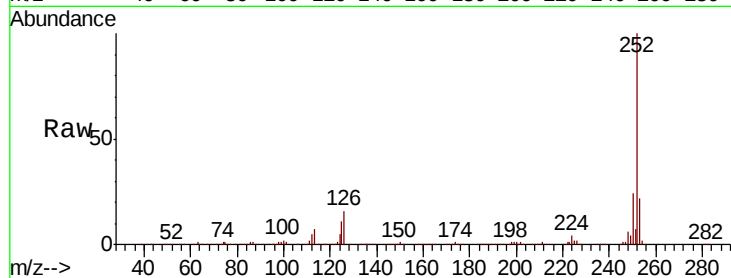




#89
Benzo(k)fluoranthene
Concen: 39.078 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF115740.D
Acq: 24 Jul 2019 8:53

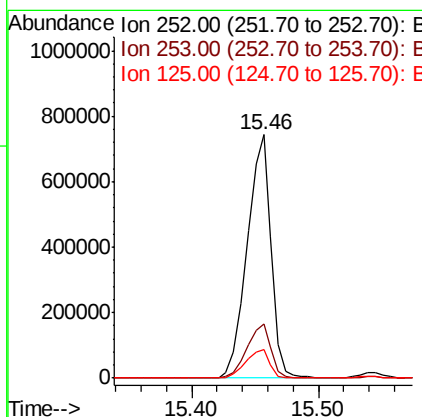
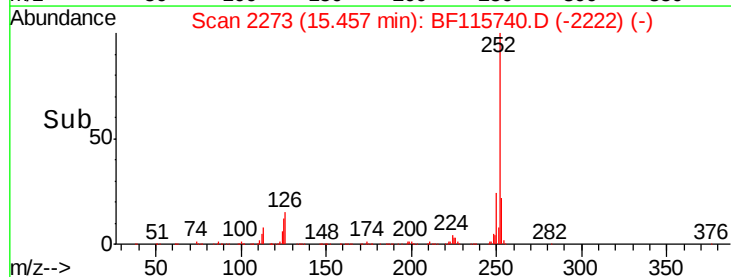
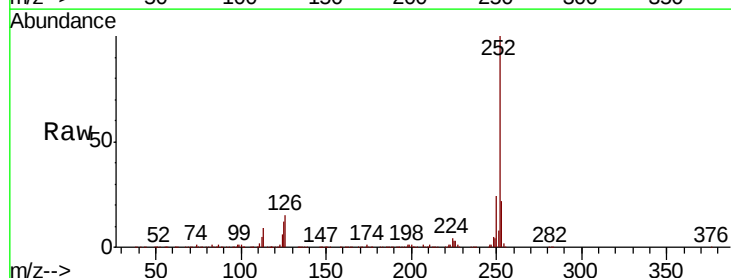
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

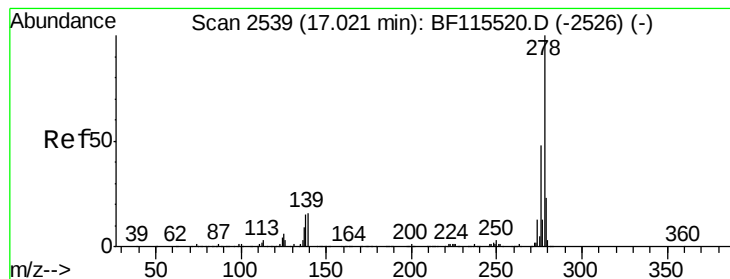
Tot Ion:252 Resp: 1063069
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 37.179 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 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 18.0 27.0
125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.745 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Instrument :

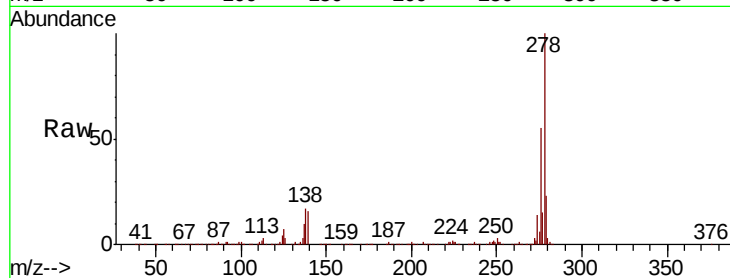
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 892036

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	23.3	18.6	28.0

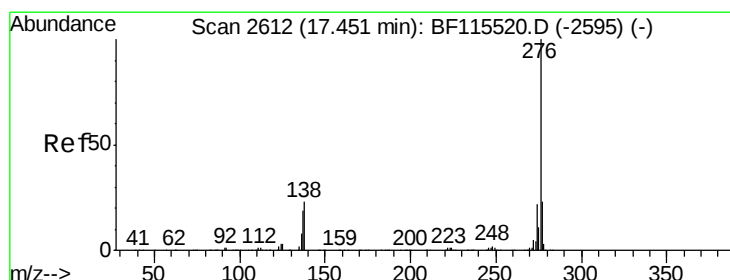
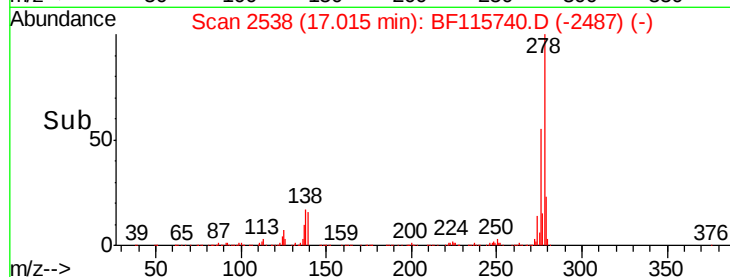
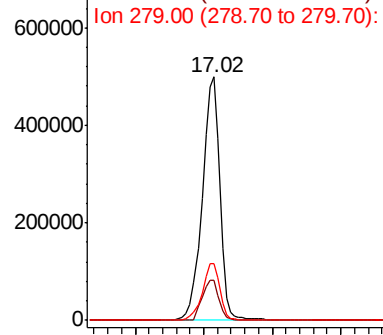


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.311 ng

RT: 17.44 min Scan# 2611

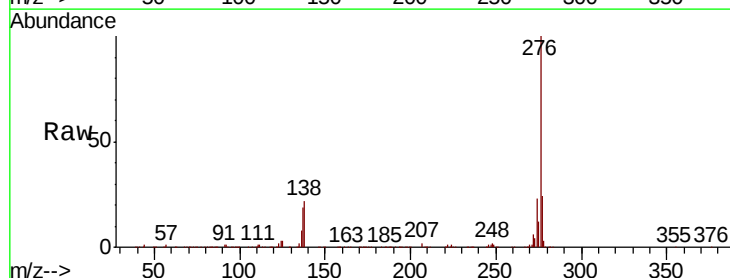
Delta R.T. 0.00 min

Lab File: BF115740.D

Acq: 24 Jul 2019 8:53

Tgt Ion:276 Resp: 833768

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	22.3	17.8	26.8



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

