

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116712.D
 Acq On : 31 Aug 2019 22:56
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 01 00:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120833	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	499899	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	258078	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	411535	20.00	ng	0.00
76) Chrysene-d12	13.99	240	250352	20.00	ng	0.00
87) Perylene-d12	15.44	264	305226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	599827	80.42	ng	0.00
7) Phenol-d6	6.47	99	802136	81.90	ng	0.00
23) Nitrobenzene-d5	7.41	82	760043	86.80	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	153388	88.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1234302	80.68	ng	0.00
79) Terphenyl-d14	12.94	244	1104116	81.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	134552	39.079	ng	98
3) Pyridine	3.30	79	391126	39.234	ng	93
4) n-Nitrosodimethylamine	3.24	42	127866	37.352	ng	86
6) Aniline	6.51	93	538038	39.664	ng	98
8) 2-Chlorophenol	6.63	128	333665	40.980	ng	98
9) Benzaldehyde	6.39	77	246830	38.254	ng	97
10) Phenol	6.49	94	456149	42.061	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	337179	39.929	ng	97
12) 1,3-Dichlorobenzene	6.79	146	368473	40.042	ng	96
13) 1,4-Dichlorobenzene	6.86	146	366872	40.045	ng	99
14) 1,2-Dichlorobenzene	7.02	146	349623	41.180	ng	97
15) Benzyl Alcohol	6.99	79	318970	40.122	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	385251	38.885	ng	99
17) 2-Methylphenol	7.10	107	288477	40.473	ng	96
18) Hexachloroethane	7.36	117	137958	38.758	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	250774	38.888	ng	# 89
20) 3+4-Methylphenols	7.25	107	344981	41.628	ng	# 83
22) Acetophenone	7.26	105	490435	40.750	ng	# 91
24) Nitrobenzene	7.43	77	382034	42.896	ng	95
25) Isophorone	7.67	82	696783	39.268	ng	99
26) 2-Nitrophenol	7.75	139	163196	49.288	ng	89
27) 2,4-Dimethylphenol	7.78	122	267226	39.962	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	432879	39.921	ng	99
29) 2,4-Dichlorophenol	7.99	162	270628	42.112	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	280912	40.301	ng	97
31) Naphthalene	8.15	128	972185	40.898	ng	99
32) Benzoic acid	7.87	122	114412	30.302	ng	93
33) 4-Chloroaniline	8.20	127	442748	40.918	ng	95
34) Hexachlorobutadiene	8.27	225	157242	41.373	ng	99
35) Caprolactam	8.56	113	98957	41.146	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	311741	42.206	ng	98
37) 2-Methylnaphthalene	8.84	142	650815	41.149	ng	97
38) 1-Methylnaphthalene	8.94	142	619971	41.525	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	253969	41.051	ng	97

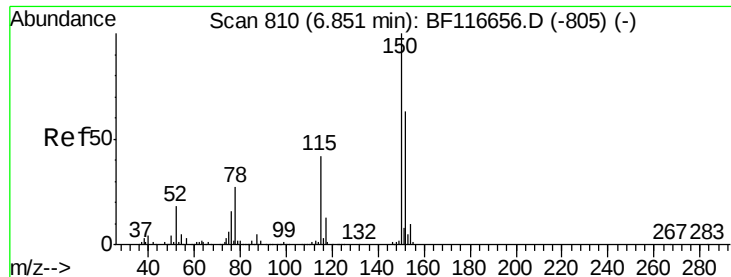
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	67117	18.787	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	183129	43.182	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	190298	43.222	ng	95
46) 1,1'-Biphenyl	9.30	154	795589	40.626	ng	97
47) 2-Chloronaphthalene	9.33	162	621331	40.058	ng	98
48) 2-Nitroaniline	9.42	65	215696	48.102	ng	96
49) Acenaphthylene	9.75	152	941805	40.168	ng	98
50) Dimethylphthalate	9.60	163	723854	40.626	ng	99
51) 2,6-Dinitrotoluene	9.66	165	158751	46.699	ng	92
52) Acenaphthene	9.92	154	576705	40.032	ng	99
53) 3-Nitroaniline	9.83	138	203780	47.833	ng	92
54) 2,4-Dinitrophenol	9.93	184	21910	25.152	ng	92
55) Dibenzofuran	10.09	168	840246	41.374	ng	99
56) 4-Nitrophenol	9.98	139	130913	44.816	ng	90
57) 2,4-Dinitrotoluene	10.06	165	212709	51.172	ng	98
58) Fluorene	10.43	166	632532	40.876	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	138878	43.706	ng	95
60) Diethylphthalate	10.30	149	732673	41.051	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	280181	41.348	ng	95
62) 4-Nitroaniline	10.44	138	202172	48.900	ng	91
63) Azobenzene	10.58	77	761554	40.921	ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	41712	30.700	ng	86
66) n-Nitrosodiphenylamine	10.54	169	595404	41.823	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	171129	40.934	ng	97
68) Hexachlorobenzene	10.98	284	181998	41.609	ng	96
69) Atrazine	11.06	200	168137	42.169	ng	98
70) Pentachlorophenol	11.17	266	81083	38.320	ng	98
71) Phenanthrene	11.39	178	940130	41.038	ng	99
72) Anthracene	11.44	178	950155	41.202	ng	99
73) Carbazole	11.59	167	897049	40.837	ng	99
74) Di-n-butylphthalate	11.92	149	1187398	42.165	ng	99
75) Fluoranthene	12.57	202	867493	38.532	ng	98
77) Benzidine	12.69	184	405104	41.255	ng	99
78) Pyrene	12.80	202	856670	38.494	ng	100
80) Butylbenzylphthalate	13.42	149	450812	41.655	ng	98
81) Benzo(a)anthracene	13.99	228	638349	40.288	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	224776	41.978	ng	99
83) Chrysene	14.02	228	659389	40.394	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	582322	43.589	ng	99
85) Di-n-octyl phthalate	14.59	149	952312	43.560	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	685260	52.263	ng	# 93
88) Benzo(b)fluoranthene	15.03	252	690374	37.412	ng	98
89) Benzo(k)fluoranthene	15.06	252	642056	38.160	ng	98
90) Benzo(a)pyrene	15.39	252	647158	40.309	ng	97
91) Dibenzo(a,h)anthracene	16.91	278	567027	40.350	ng	# 94
92) Benzo(g,h,i)perylene	17.33	276	515419	35.963	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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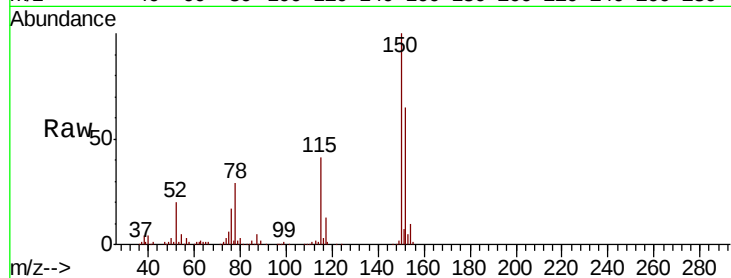
Tot Ion:152 Resp: 120833

Ion Ratio Lower Upper

152 100

150 154.7 124.4 186.6

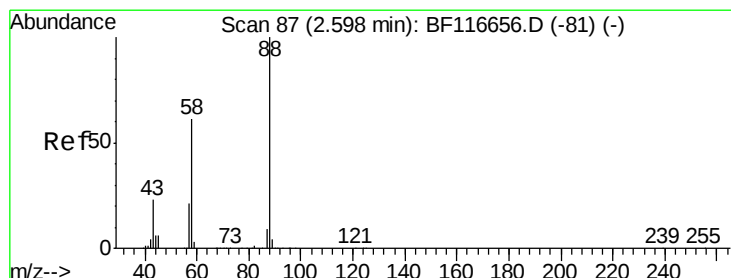
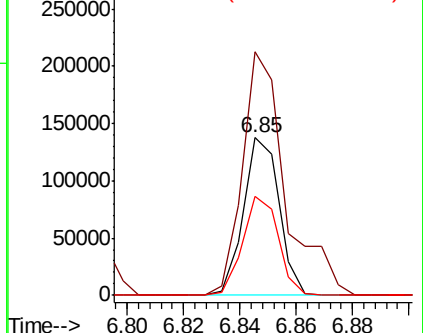
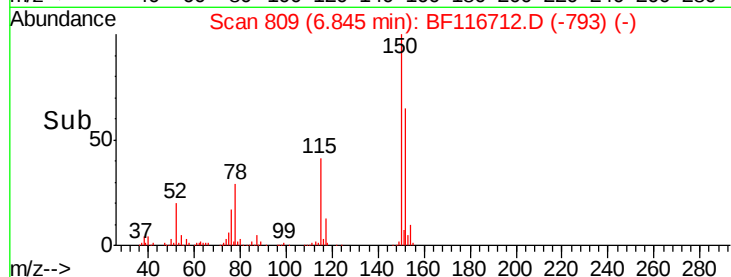
115 63.0 49.9 74.9



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: 39.079 ng

RT: 2.55 min Scan# 78

Delta R.T. -0.05 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

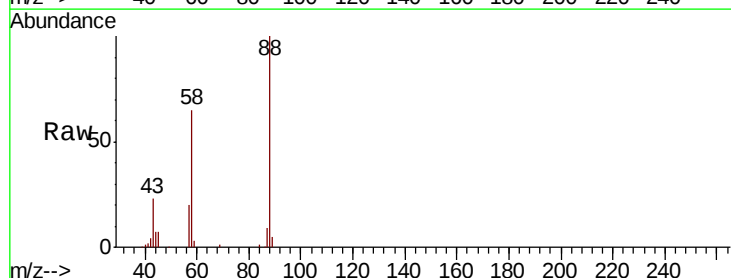
Tgt Ion: 88 Resp: 134552

Ion Ratio Lower Upper

88 100

58 65.0 51.7 77.5

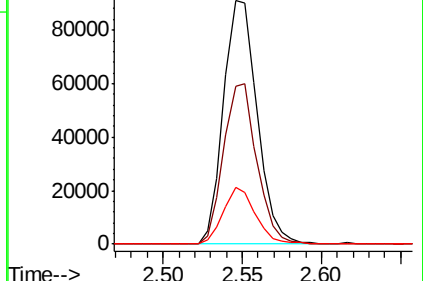
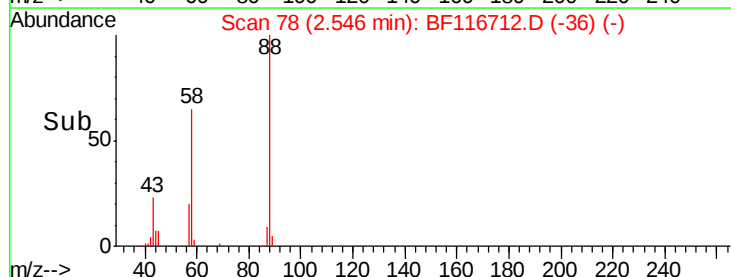
43 22.3 19.8 29.8



Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.234 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.05 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

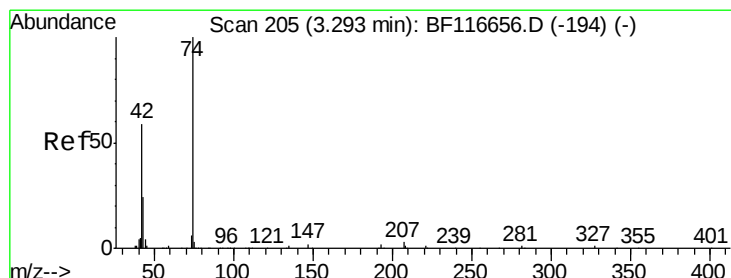
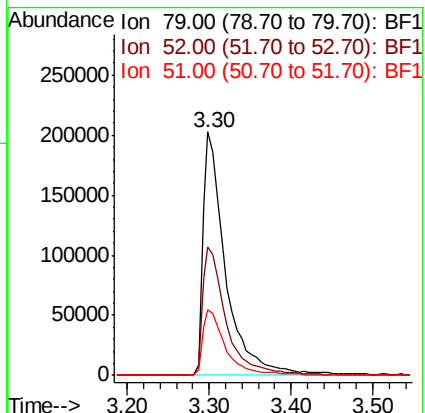
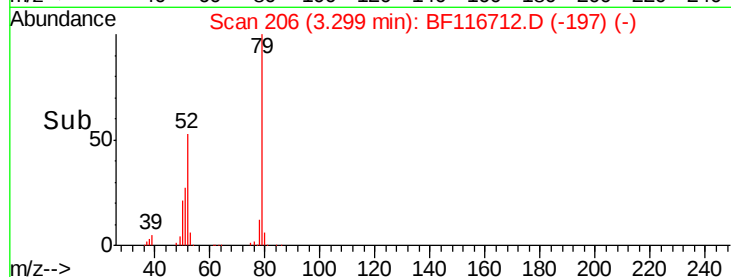
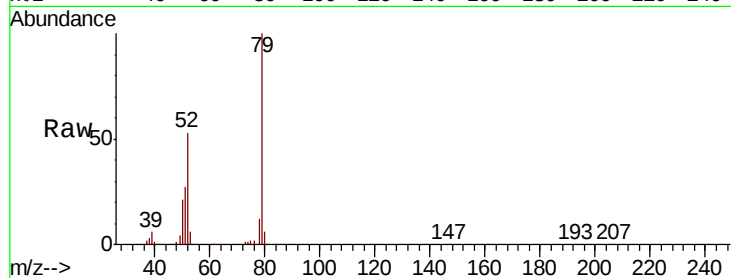
Tot Ion: 79 Resp: 391126

Ion Ratio Lower Upper

79 100

52 52.9 47.4 71.0

51 27.2 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 37.352 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.05 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

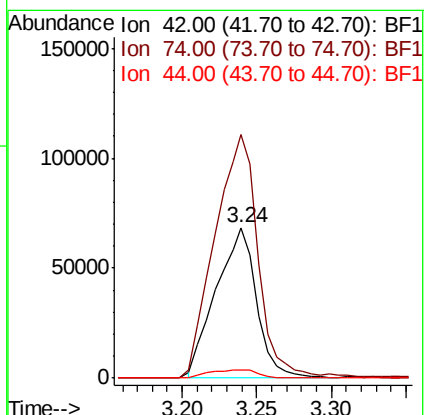
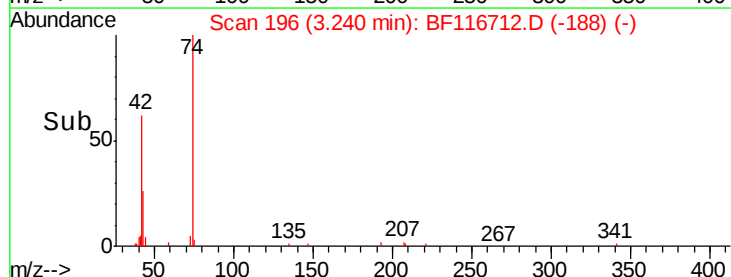
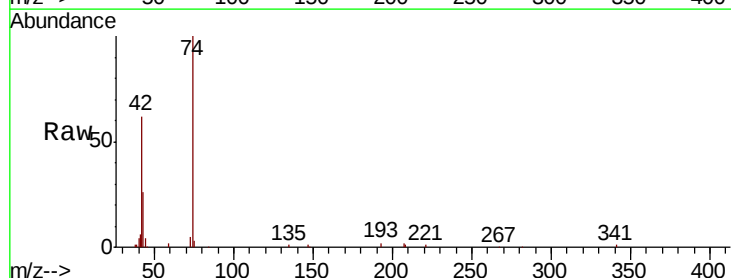
Tgt Ion: 42 Resp: 127866

Ion Ratio Lower Upper

42 100

74 162.0 115.6 173.4

44 5.8 4.6 7.0





#5

2-Fluorophenol

Concen: 80.421 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

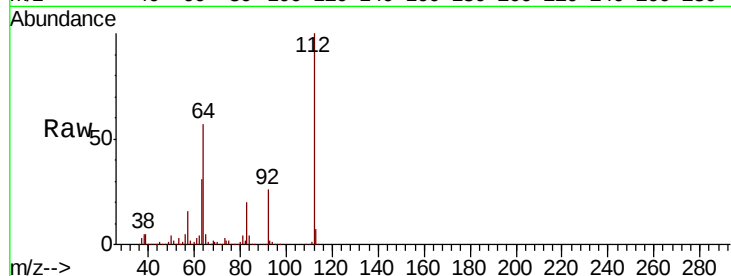
Tot Ion:112 Resp: 599827

Ion Ratio Lower Upper

112 100

64 57.1 47.1 70.7

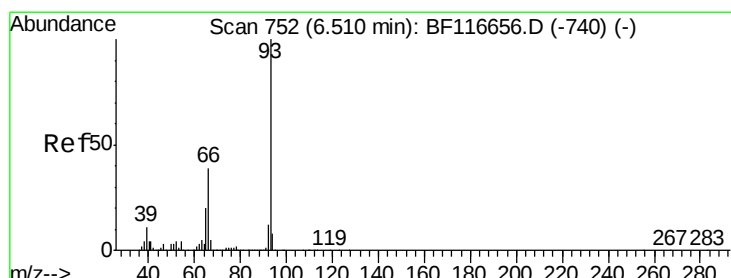
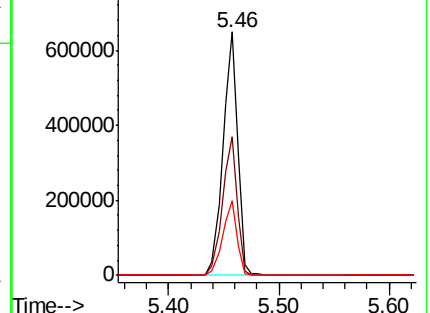
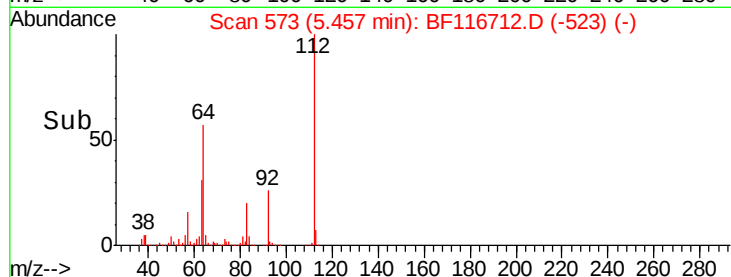
63 30.5 24.9 37.3



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: 39.664 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

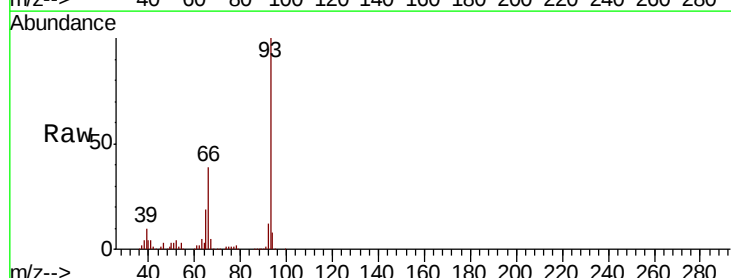
Tgt Ion: 93 Resp: 538038

Ion Ratio Lower Upper

93 100

66 39.2 32.7 49.1

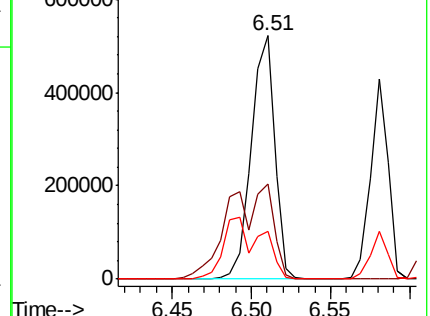
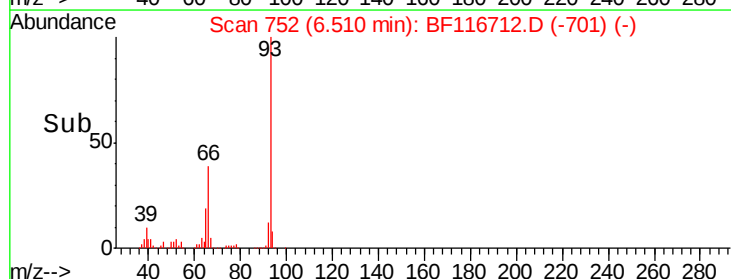
65 19.5 16.3 24.5

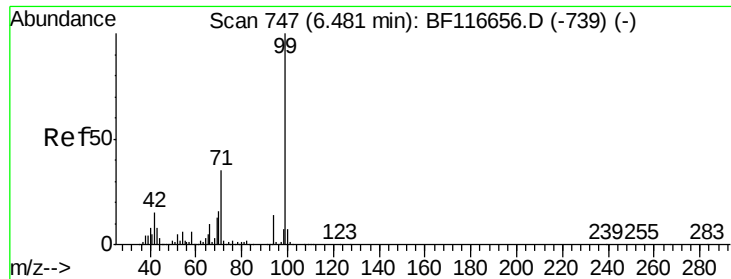


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.901 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

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SSTDCCC040

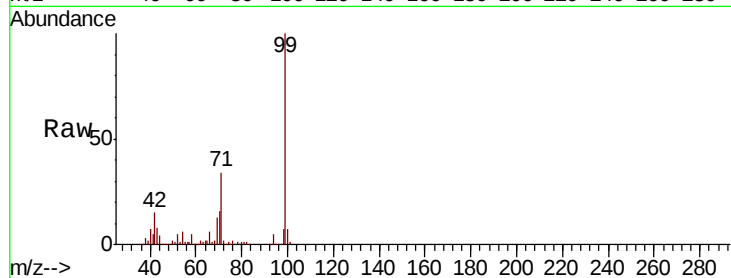
Tot Ion: 99 Resp: 802136

Ion Ratio Lower Upper

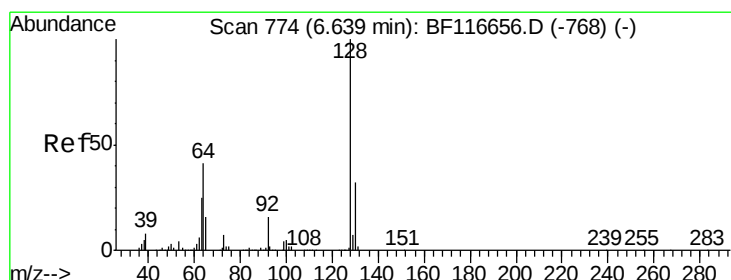
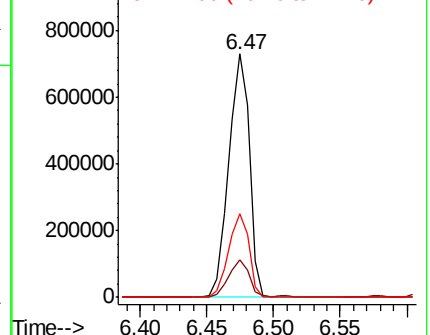
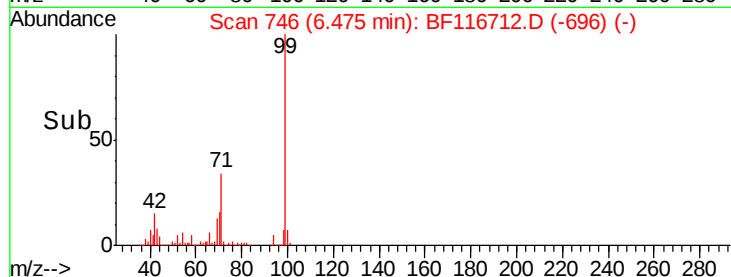
99 100

42 15.3 13.7 20.5

71 34.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.980 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

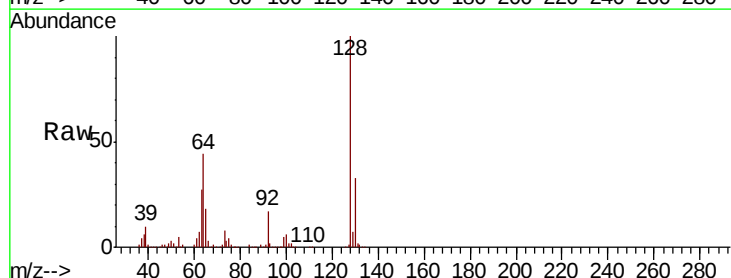
Tgt Ion: 128 Resp: 333665

Ion Ratio Lower Upper

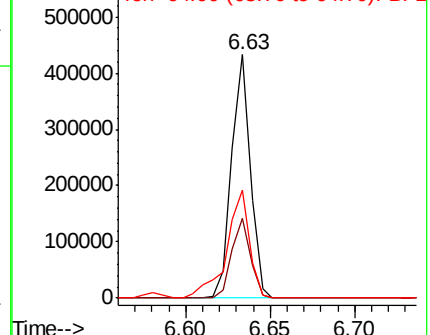
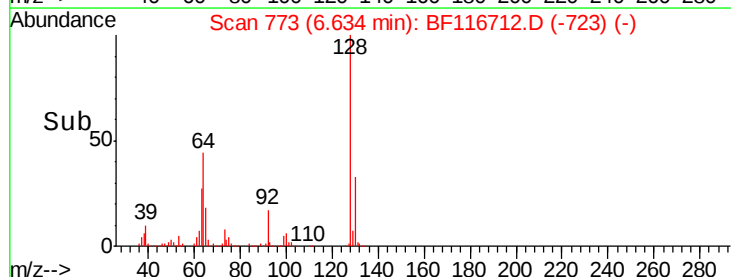
128 100

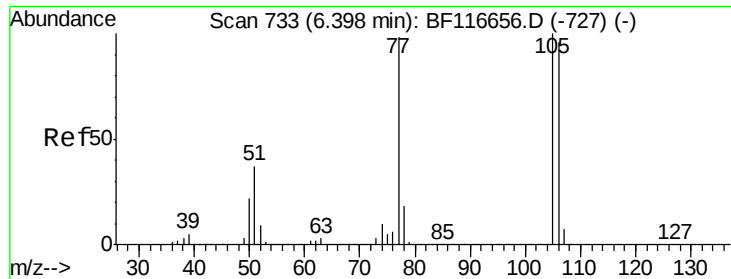
130 32.5 12.3 52.3

64 44.4 22.5 62.5



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: 38.254 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

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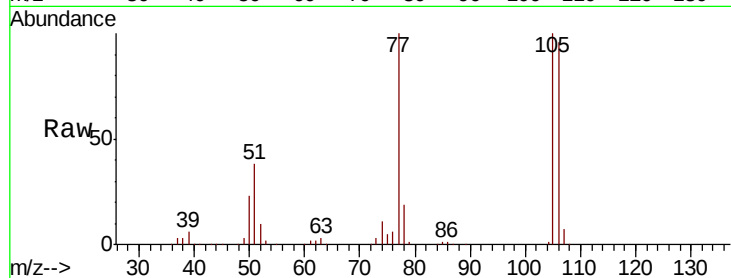
Tot Ion: 77 Resp: 246830

Ion Ratio Lower Upper

77 100

105 100.2 76.7 116.7

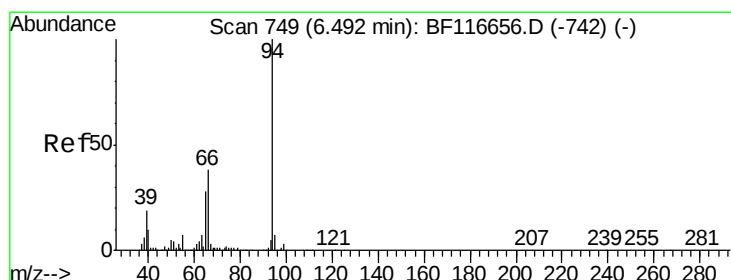
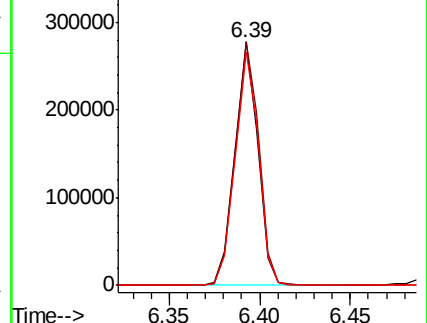
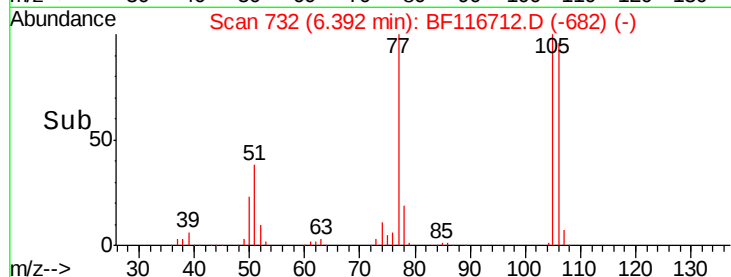
106 96.1 73.1 113.1



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: 42.061 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

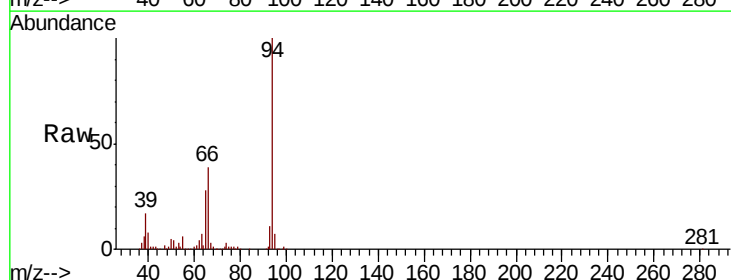
Tgt Ion: 94 Resp: 456149

Ion Ratio Lower Upper

94 100

65 27.5 10.8 50.8

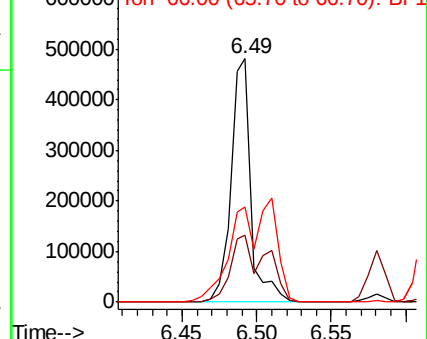
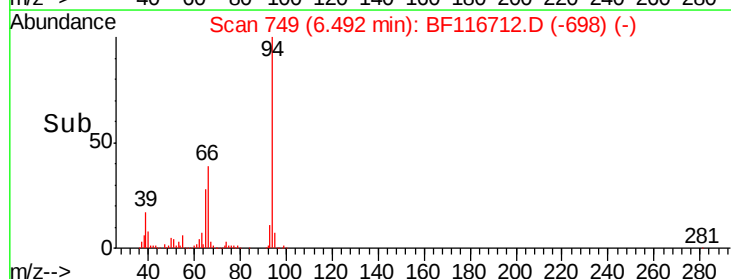
66 39.1 21.1 61.1



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: 39.929 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

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ClientSampleId :

SSTDCCC040

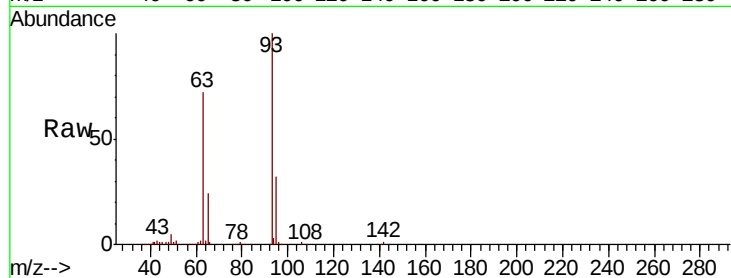
Tot Ion: 93 Resp: 337179

Ion	Ratio	Lower	Upper
93	100		
63	72.3	49.9	89.9
95	31.7	12.7	52.7

93 100

63 72.3 49.9 89.9

95 31.7 12.7 52.7

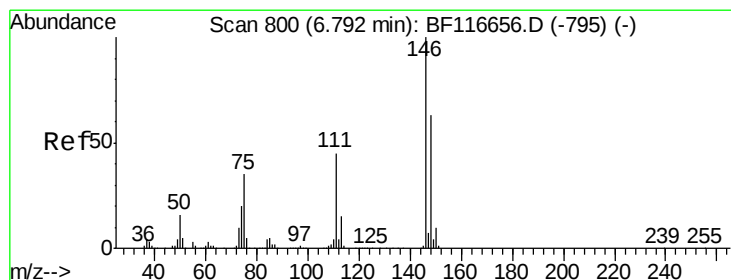
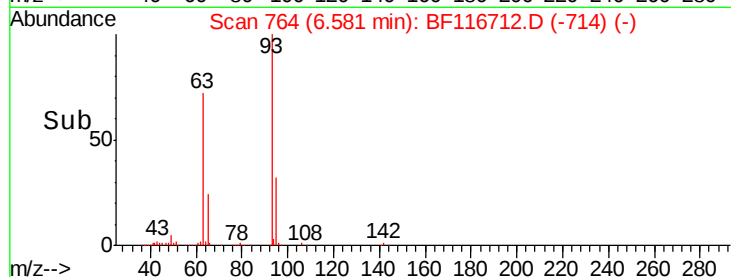
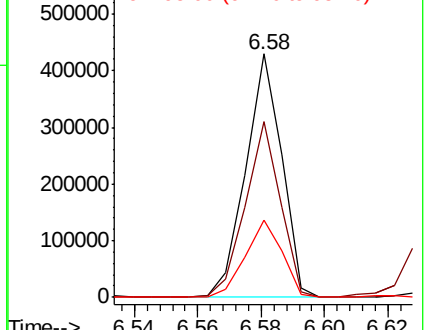


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.042 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

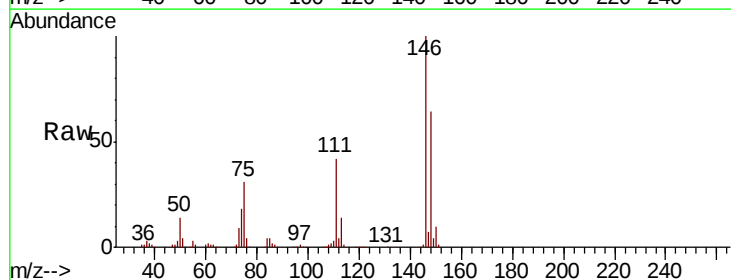
Tgt Ion: 146 Resp: 368473

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	31.4	29.6	44.4

146 100

148 63.7 51.4 77.0

75 31.4 29.6 44.4

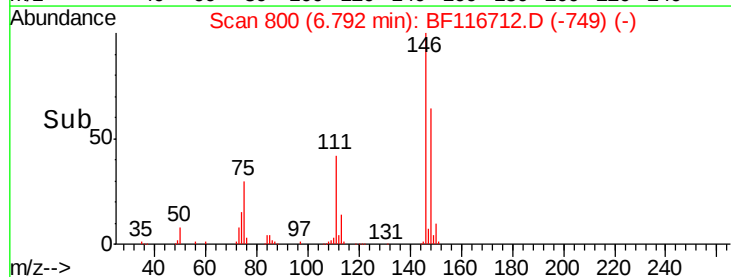
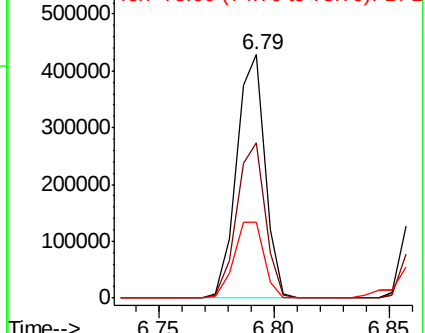


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.045 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

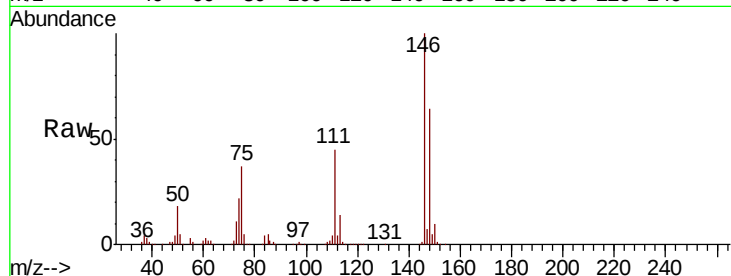
Tot Ion:146 Resp: 366872

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

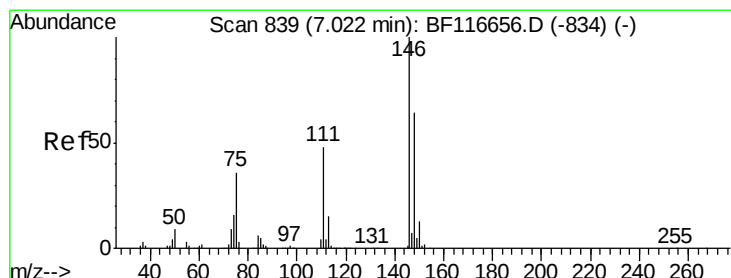
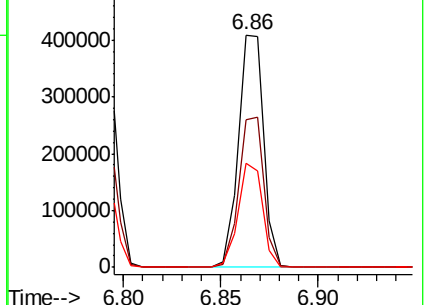
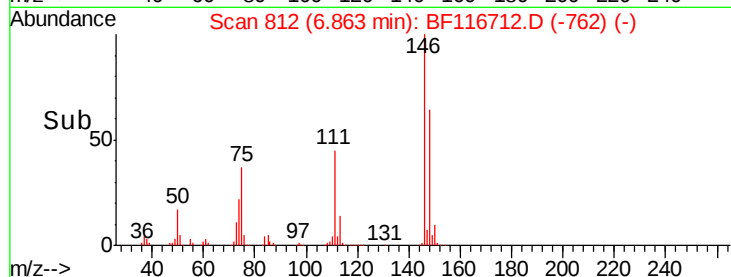
111 44.8 34.8 52.2



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: 41.180 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

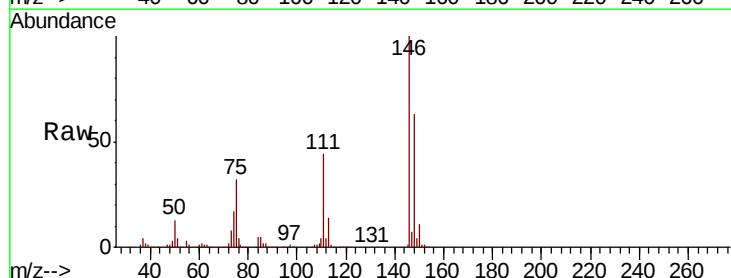
Tgt Ion:146 Resp: 349623

Ion Ratio Lower Upper

146 100

148 62.8 52.6 78.8

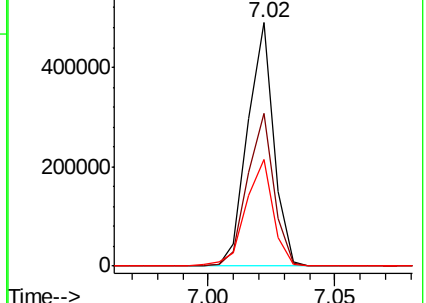
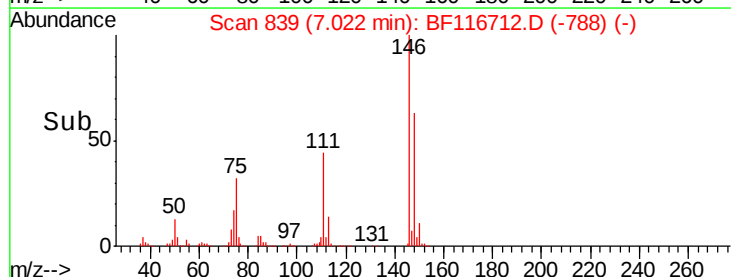
111 43.7 34.2 51.4

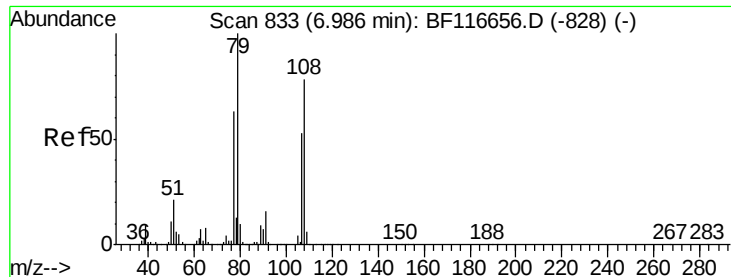


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.122 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

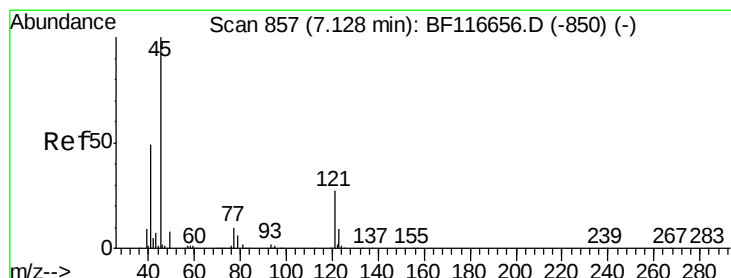
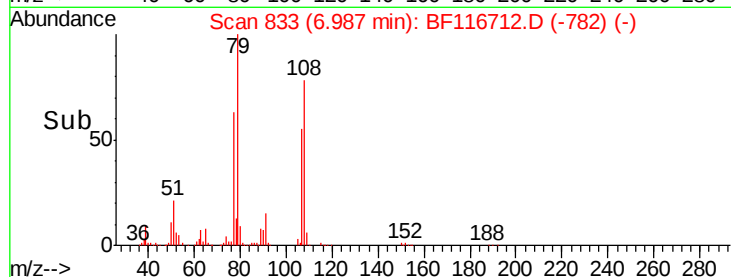
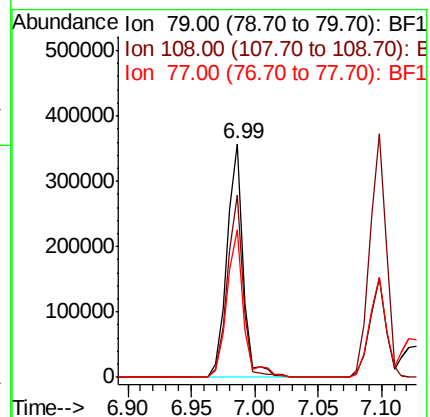
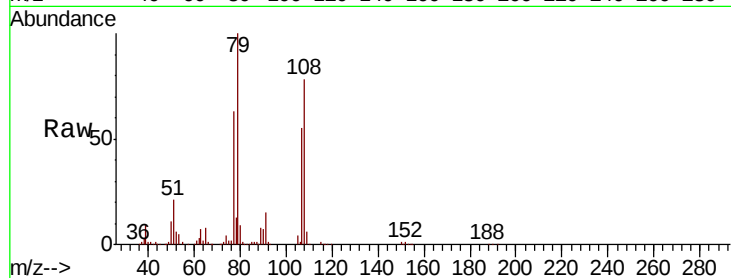
Tot Ion: 79 Resp: 318970

Ion Ratio Lower Upper

79 100

108 78.0 59.2 88.8

77 63.0 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.885 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

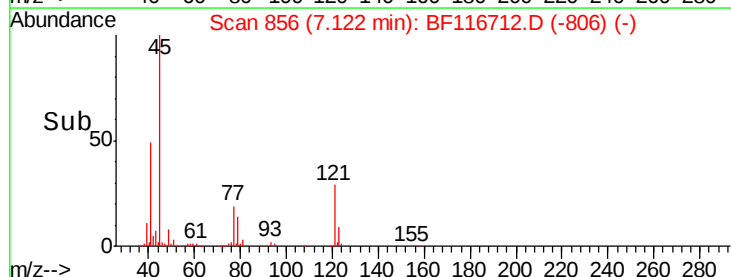
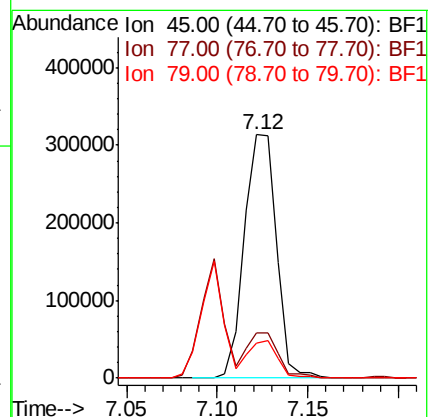
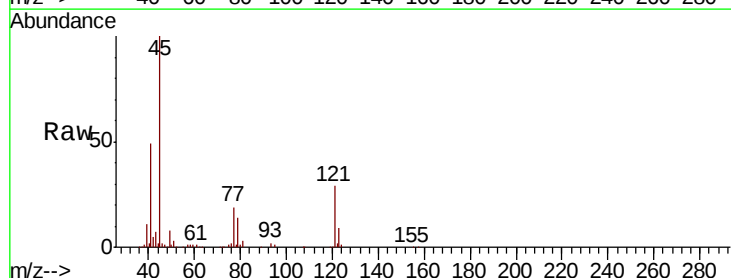
Tgt Ion: 45 Resp: 385251

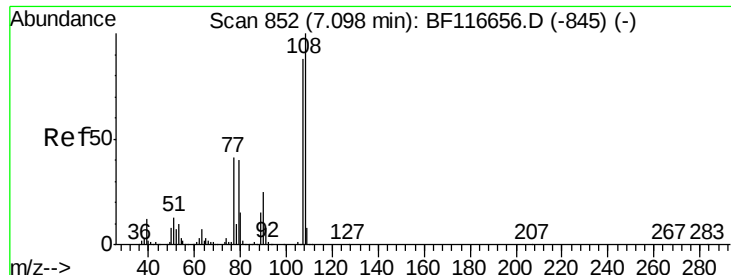
Ion Ratio Lower Upper

45 100

77 18.6 0.0 38.2

79 14.3 0.0 33.9

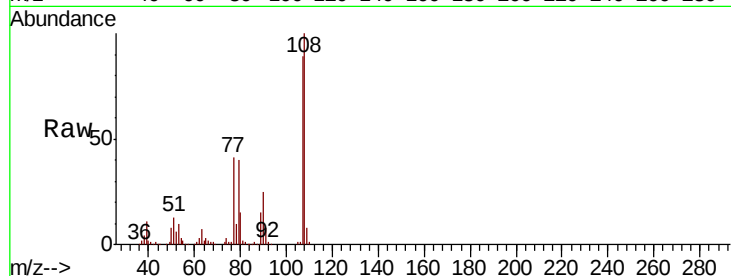




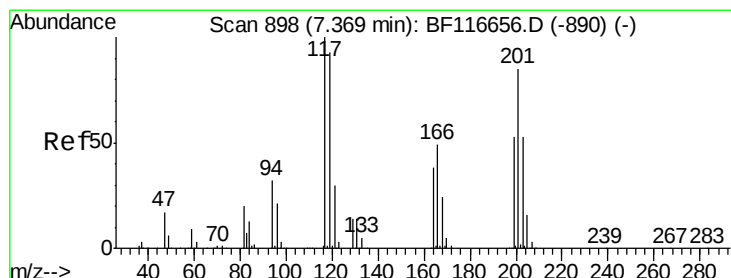
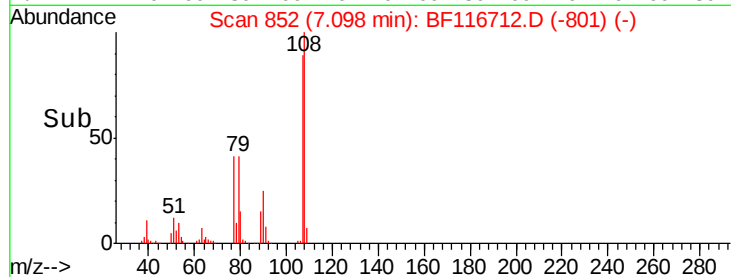
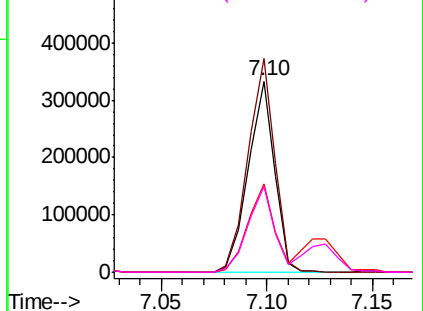
#17
2-Methylphenol
Concen: 40.473 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	288477
Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.3	132.5
77	46.2	39.9	59.9
79	45.3	39.8	59.8

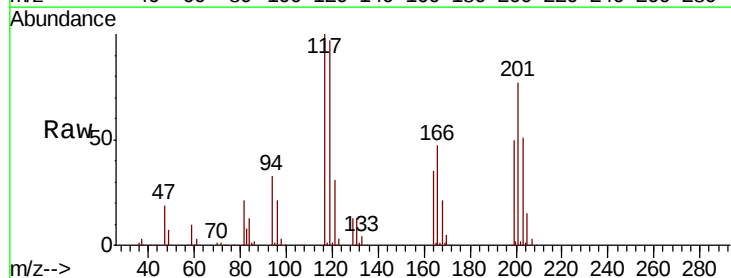


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

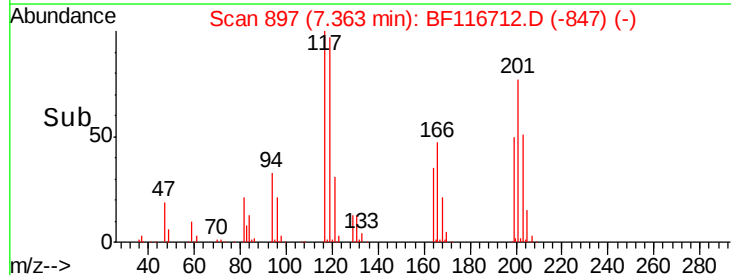
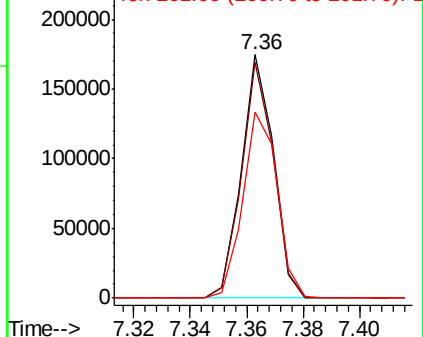


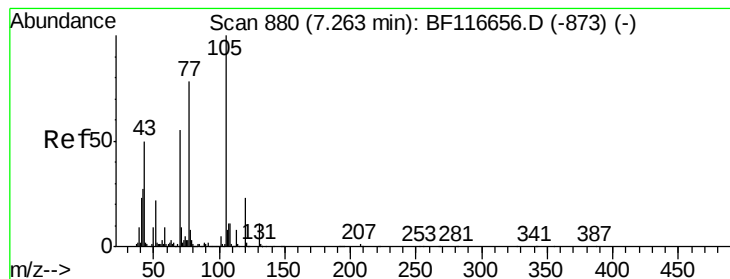
#18
Hexachloroethane
Concen: 38.758 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:	117	Resp:	137958
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
201	76.6	79.4	119.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.888 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 250774

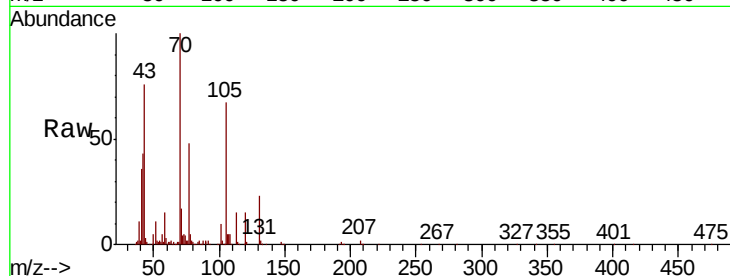
Ion Ratio Lower Upper

70 100

42 43.5 43.5 65.3#

101 10.4 7.8 11.6

130 23.1 16.6 24.8



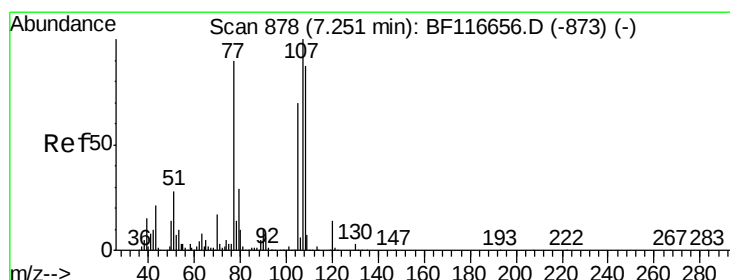
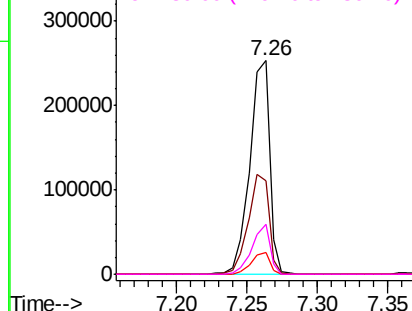
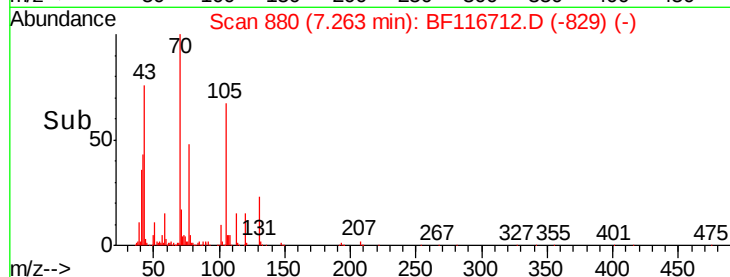
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.628 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Tgt Ion:107 Resp: 344981

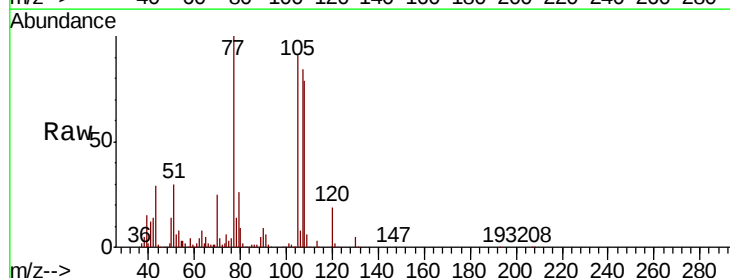
Ion Ratio Lower Upper

107 100

108 93.0 65.5 105.5

77 118.4 69.4 109.4#

79 31.1 9.5 49.5



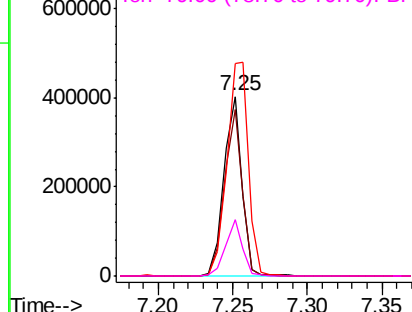
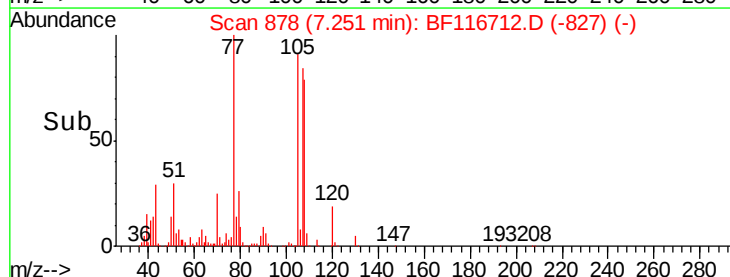
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 499899

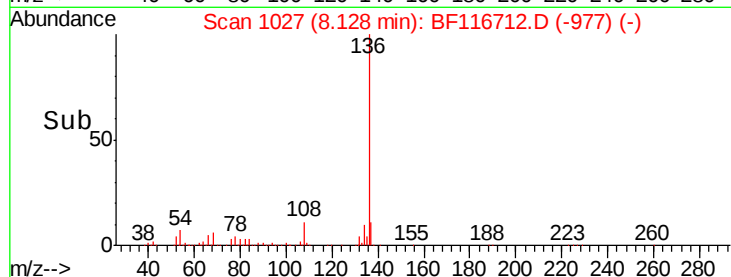
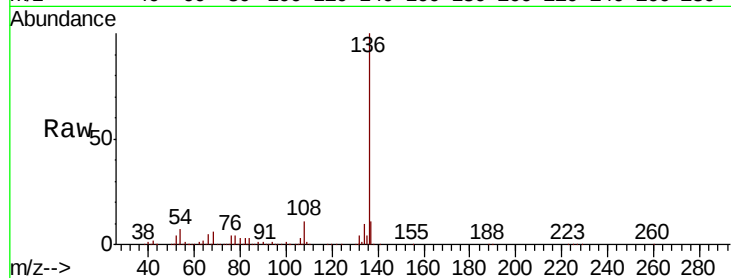
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.7 4.8 7.2

68 6.0 4.0 6.0#



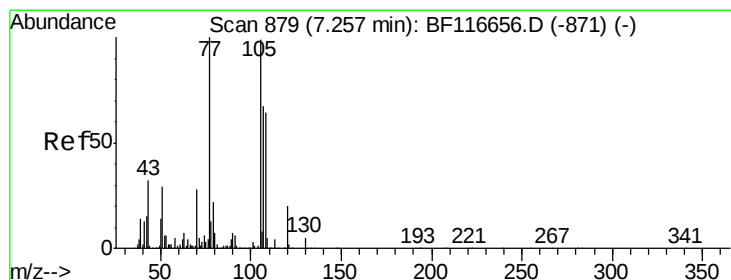
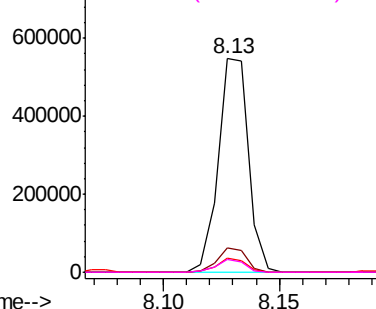
Abundance

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: 40.750 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Tgt Ion:105 Resp: 490435

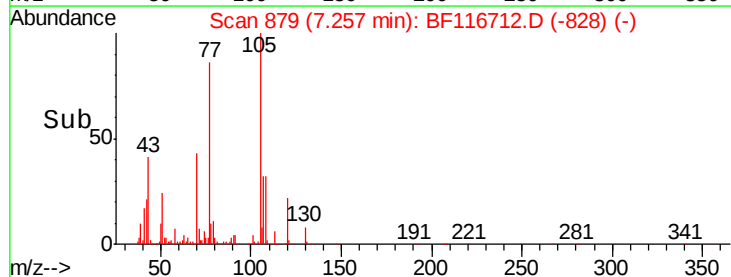
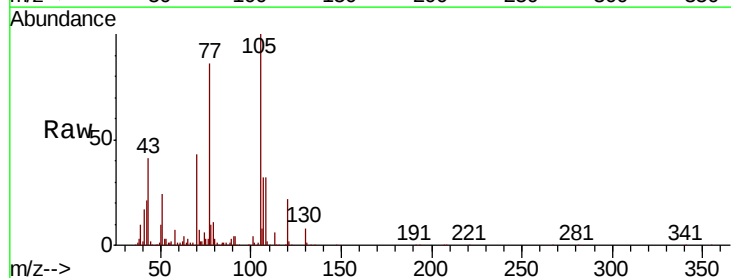
Ion Ratio Lower Upper

105 100

71 7.3 4.2 6.4#

51 24.2 25.8 38.8#

120 21.6 16.4 24.6



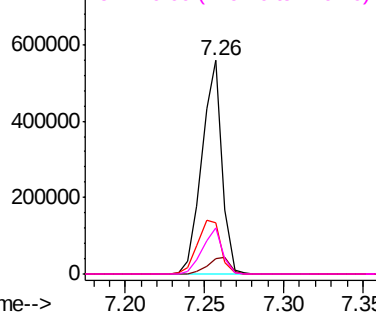
Abundance

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

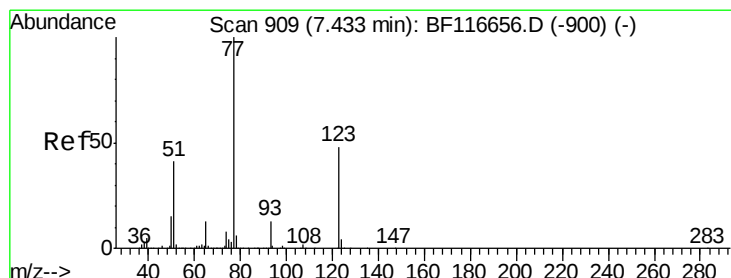
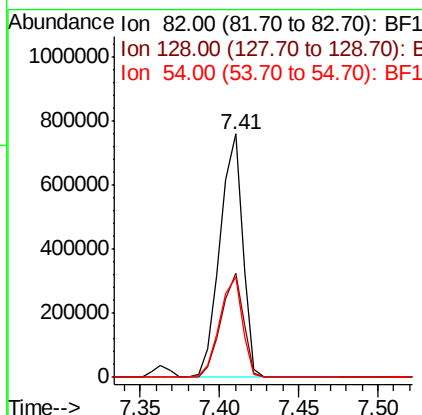
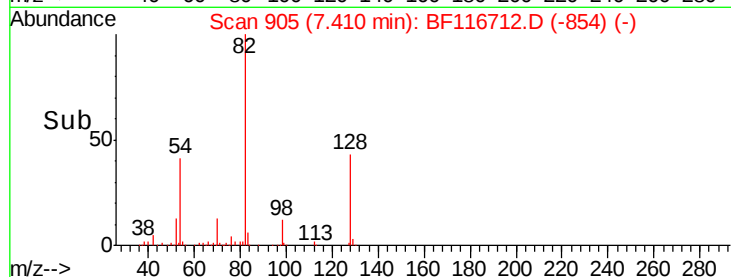
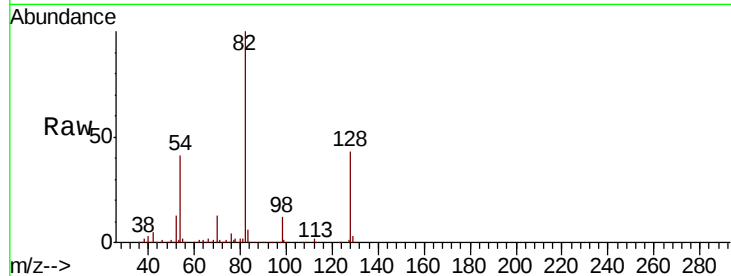




#23
 Nitrobenzene-d5
 Concen: 86.795 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

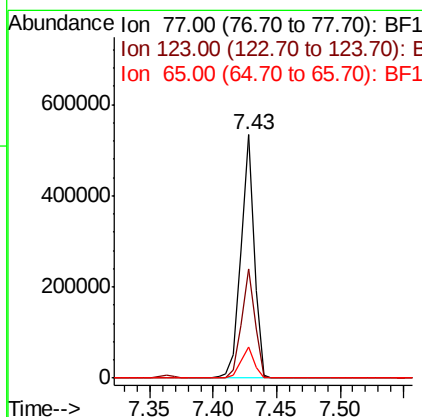
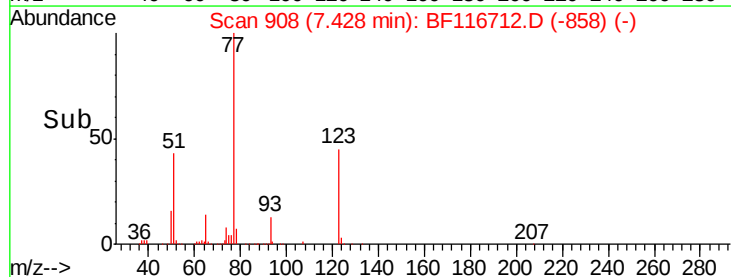
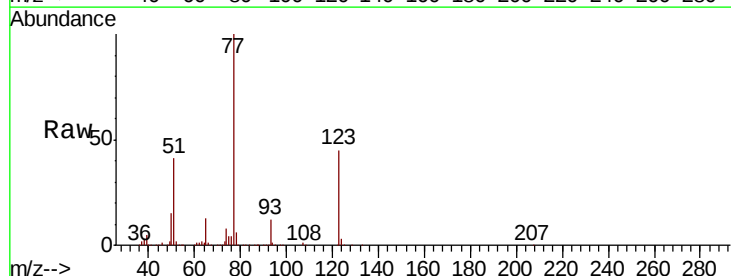
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	760043
Ion Ratio	Lower	Upper	
82	100		
128	42.7	32.8	49.2
54	41.4	36.9	55.3



#24
 Nitrobenzene
 Concen: 42.896 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion	77	Resp	382034
Ion Ratio	Lower	Upper	
77	100		
123	45.0	33.1	49.7
65	12.8	10.6	15.8





#25

Isophorone

Concen: 39.268 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

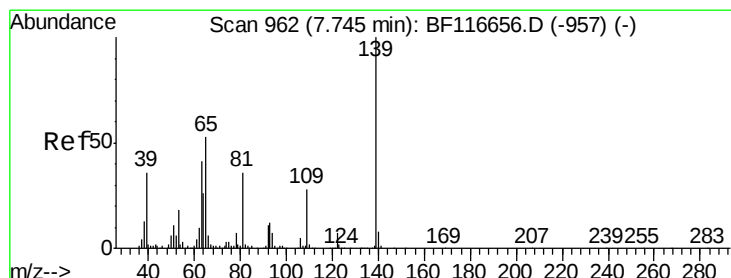
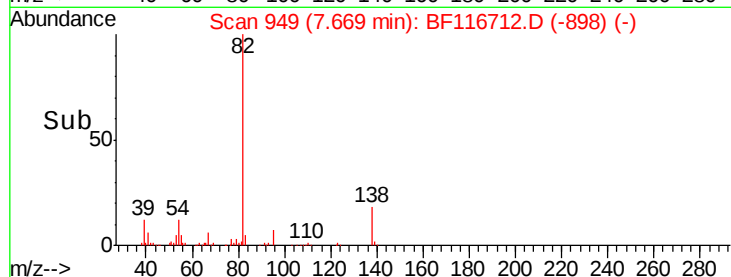
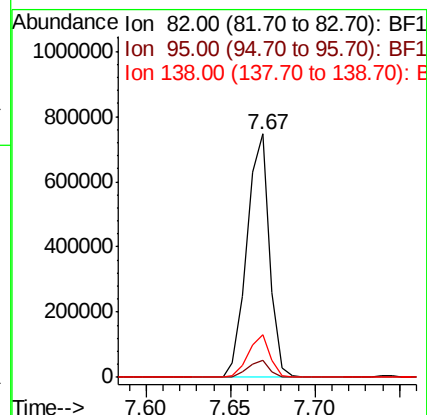
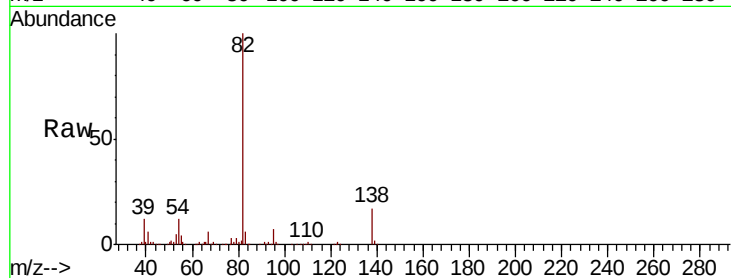
Tot Ion: 82 Resp: 696783

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 17.4 13.5 20.3



#26

2-Nitrophenol

Concen: 49.288 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

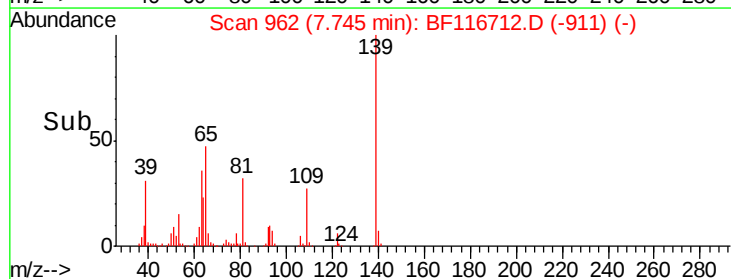
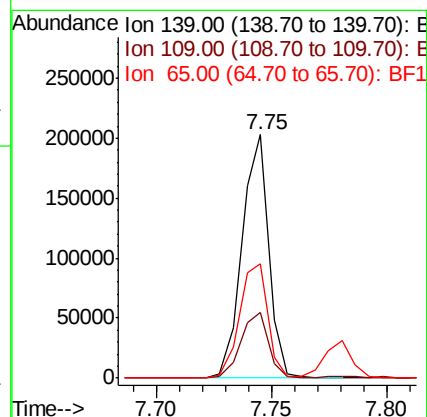
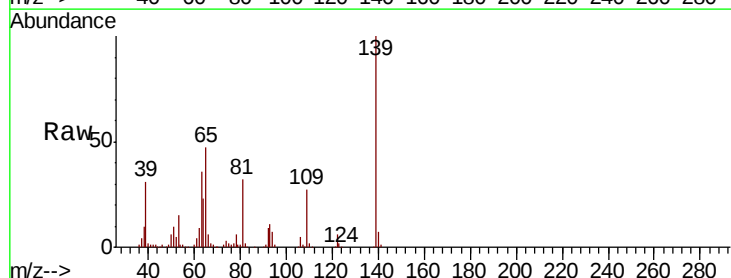
Tgt Ion: 139 Resp: 163196

Ion Ratio Lower Upper

139 100

109 27.2 27.1 40.7

65 46.8 43.0 64.6

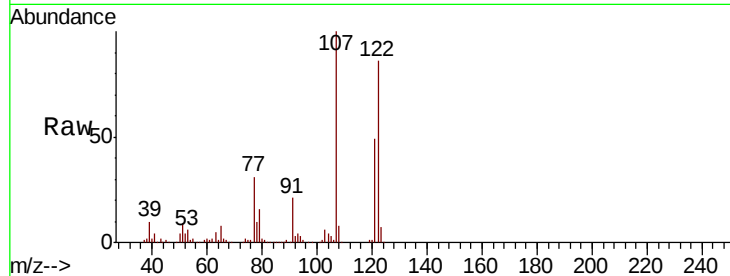




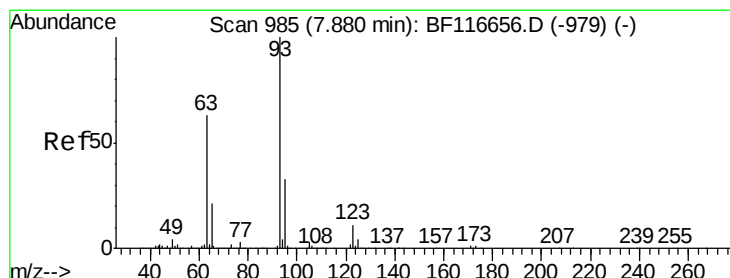
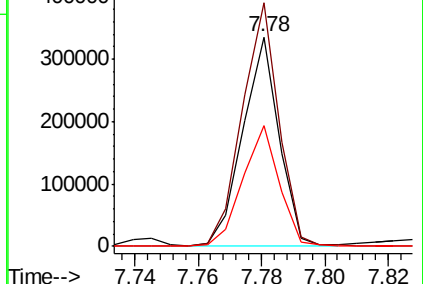
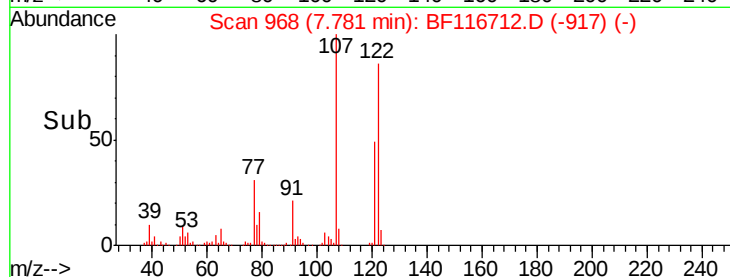
#27
 2,4-Dimethylphenol
 Concen: 39.962 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	98.1	147.1
121	57.4	47.3	70.9

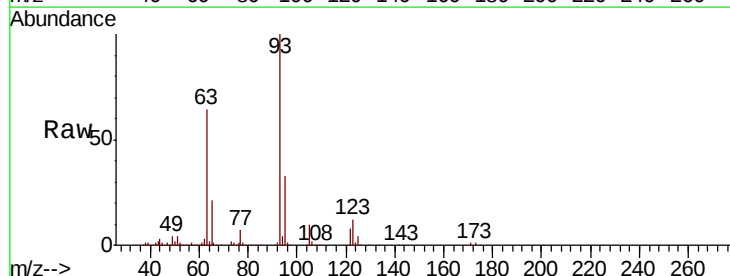


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

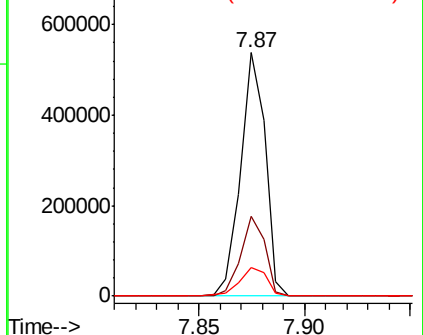
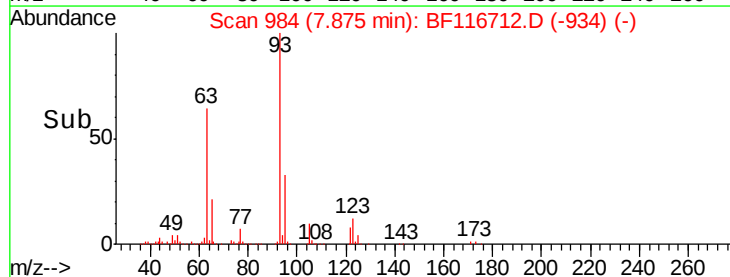


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.921 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.9	9.8	14.8



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

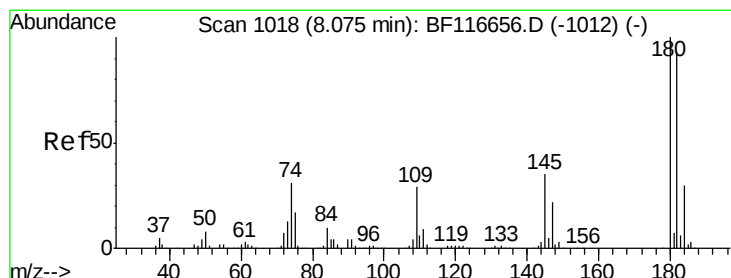
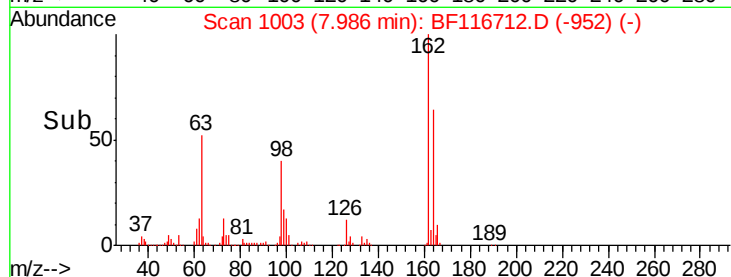
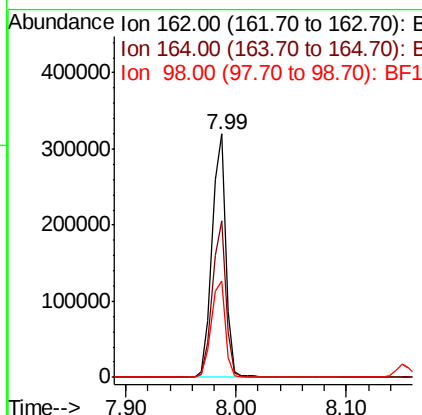
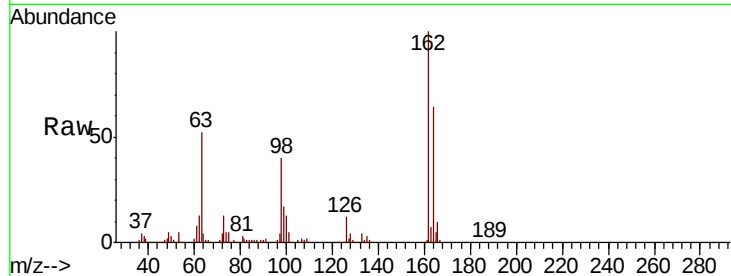




#29
 2,4-Dichlorophenol
 Concen: 42.112 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

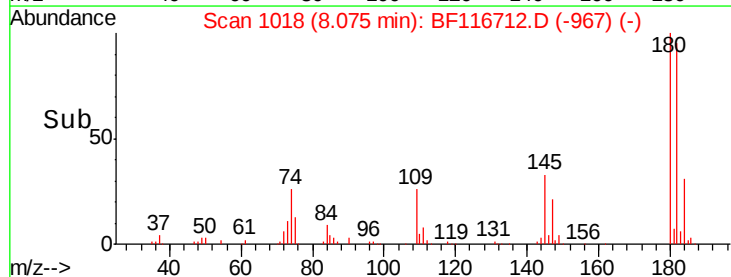
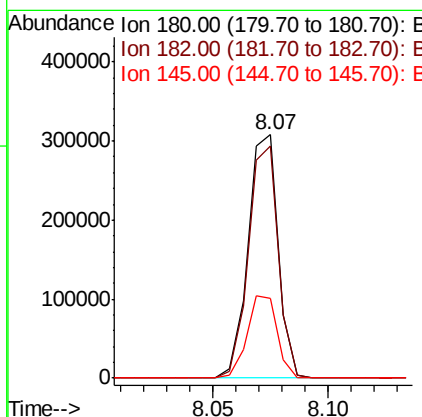
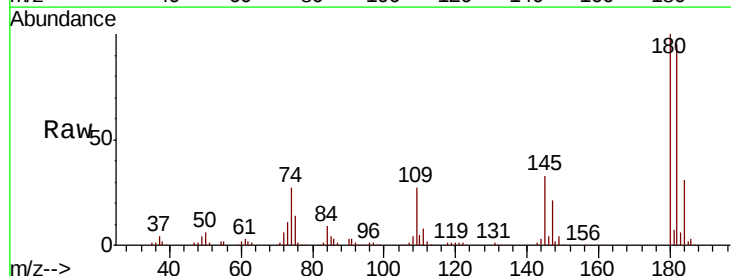
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

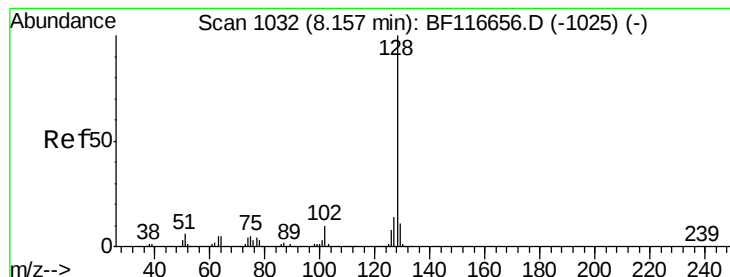
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.4	83.4
98	39.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.301 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.6	118.0
145	32.7	25.7	38.5





#31

Naphthalene

Concen: 40.898 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

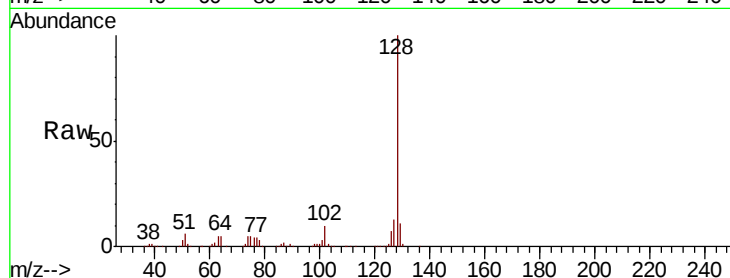
Tot Ion:128 Resp: 972185

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

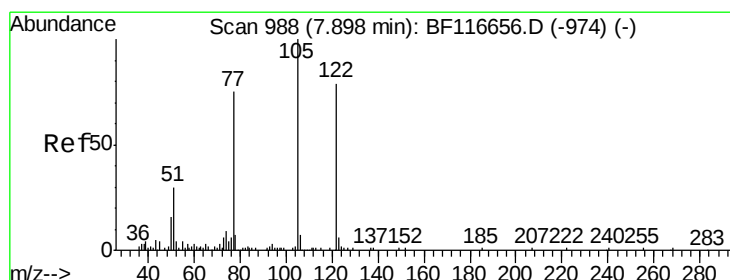
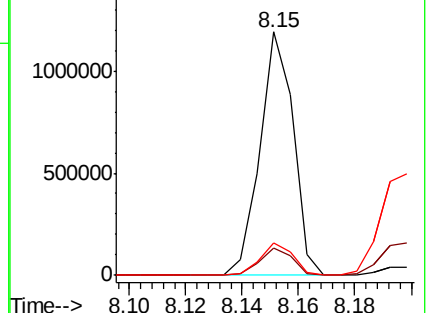
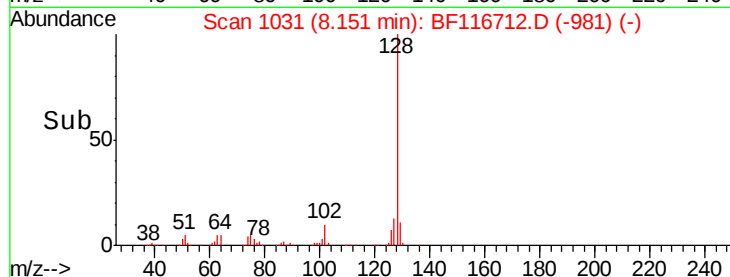
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.302 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

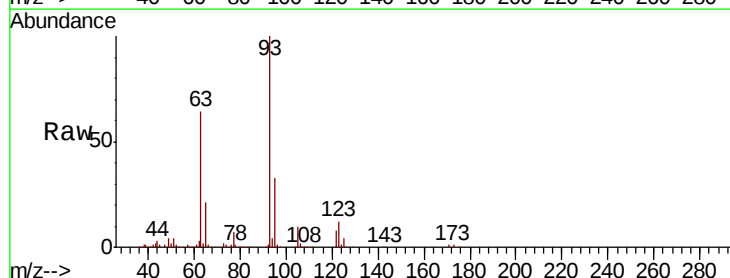
Tgt Ion:122 Resp: 114412

Ion Ratio Lower Upper

122 100

105 122.4 110.0 150.0

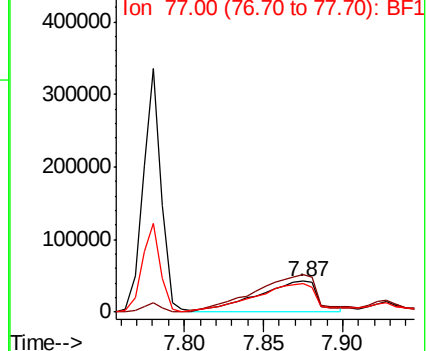
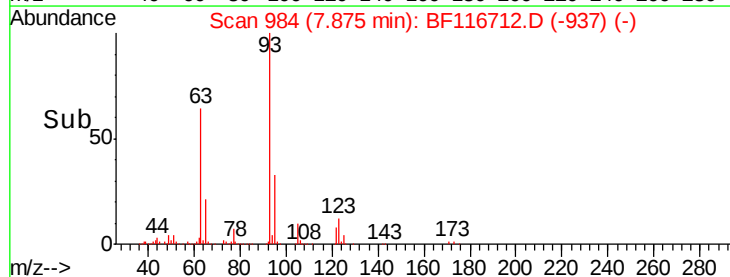
77 94.8 81.7 121.7

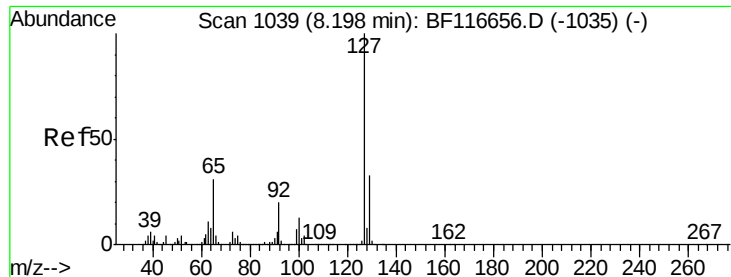


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

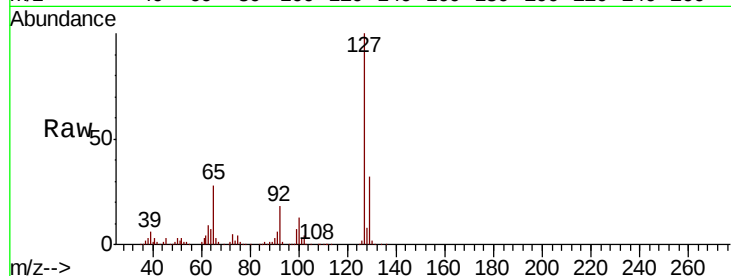




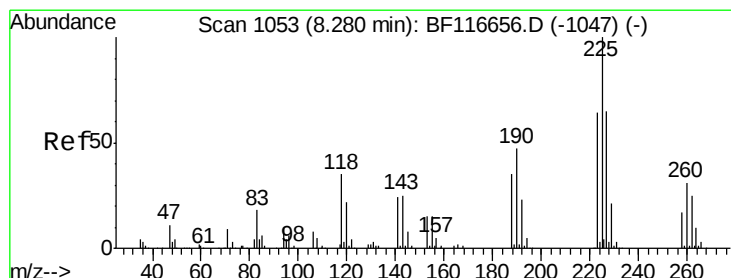
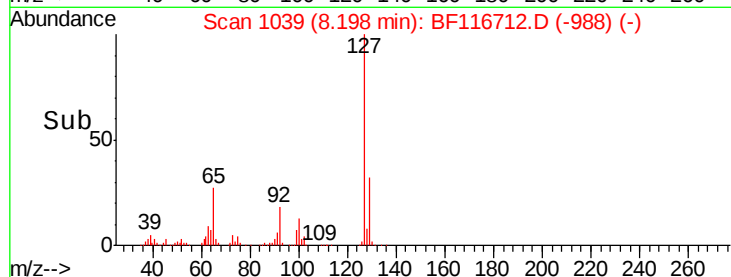
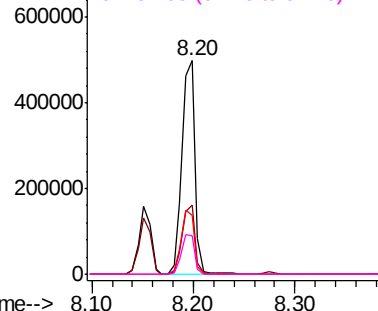
#33
4-Chloroaniline
Concen: 40.918 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	442748
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.2 39.2
65	27.5	26.0 39.0
92	18.0	16.1 24.1

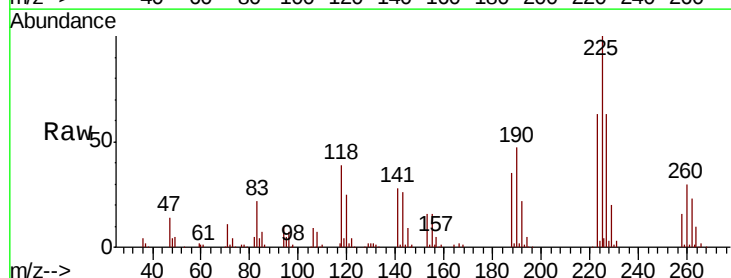


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

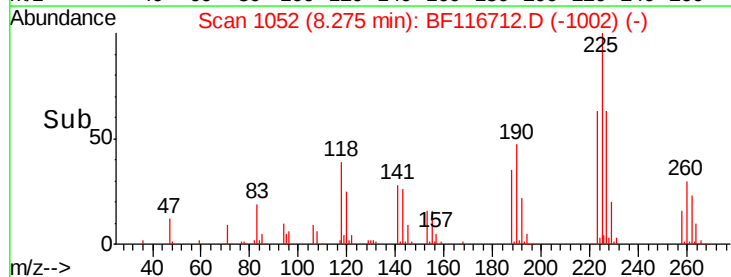
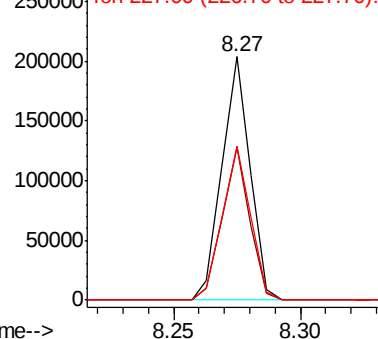


#34
Hexachlorobutadiene
Concen: 41.373 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:225	Resp:	157242
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.4 74.2
227	63.2	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.146 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

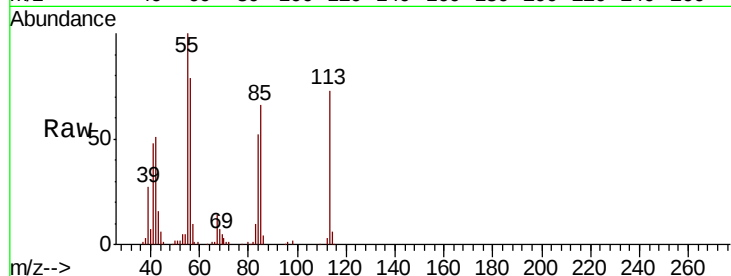
Tot Ion:113 Resp: 98957

Ion Ratio Lower Upper

113 100

55 137.7 124.3 164.3

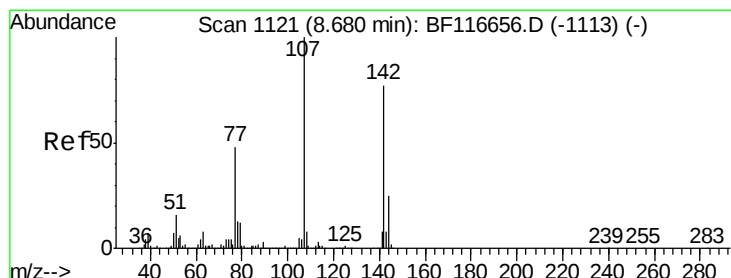
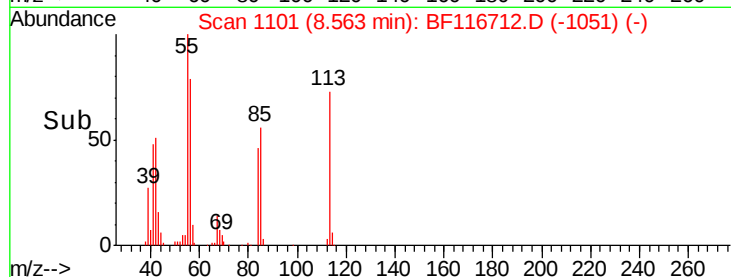
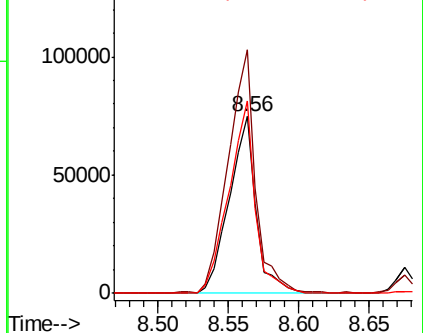
56 108.9 94.6 134.6



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: 42.206 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

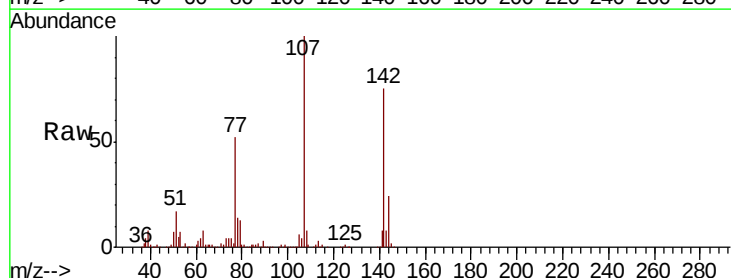
Tgt Ion:107 Resp: 311741

Ion Ratio Lower Upper

107 100

144 24.3 18.6 27.8

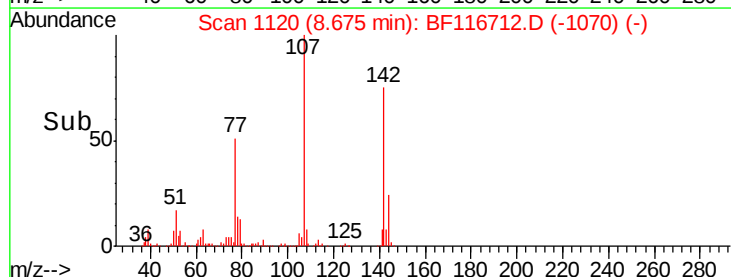
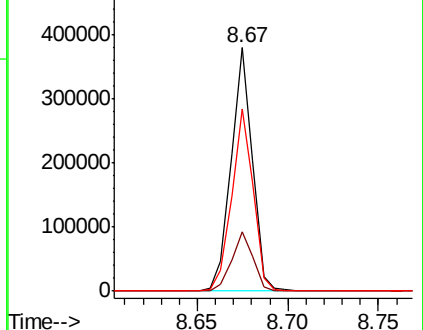
142 75.0 58.5 87.7

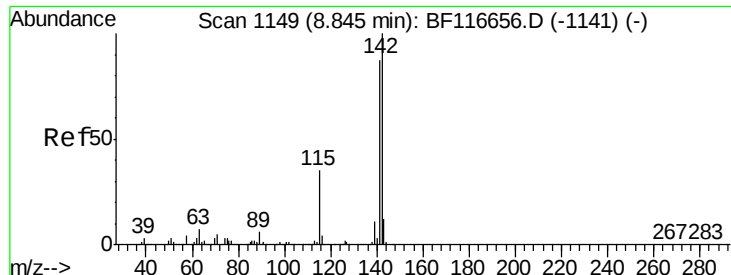


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

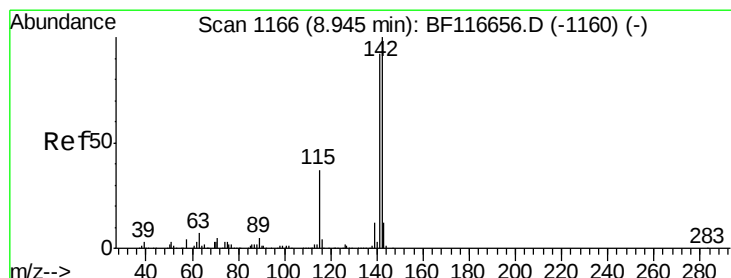
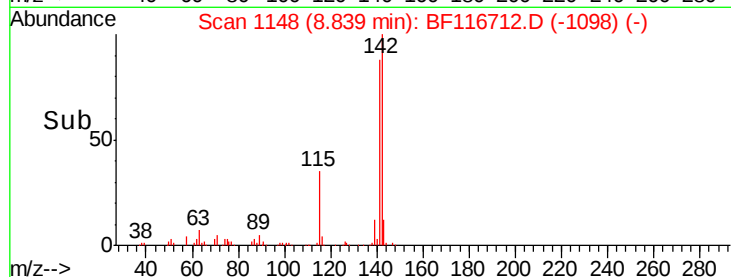
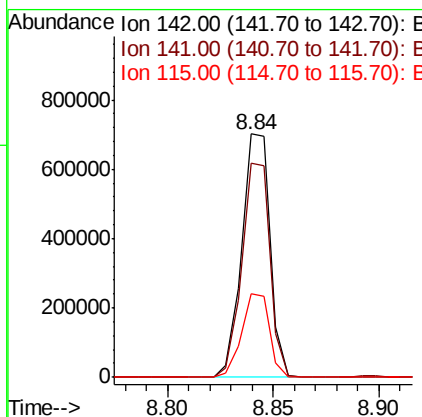
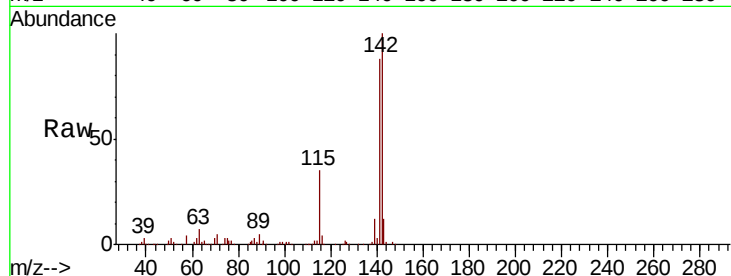




#37
2-Methylnaphthalene
Concen: 41.149 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

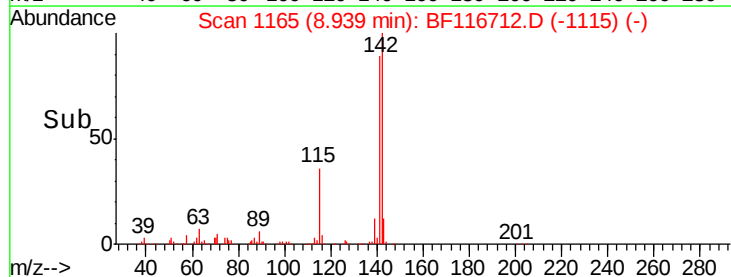
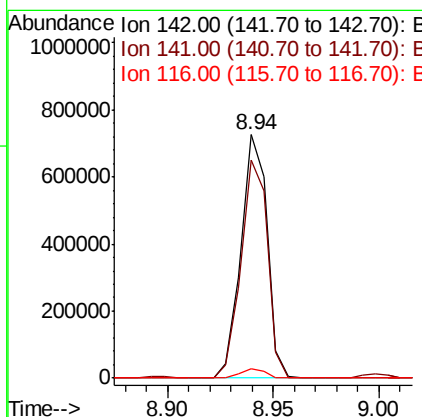
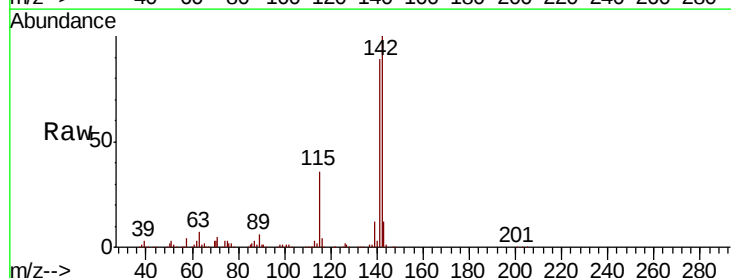
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	109.0
115	34.5	29.8	44.6



#38
1-Methylnaphthalene
Concen: 41.525 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.9	110.9
116	3.7	3.0	4.6

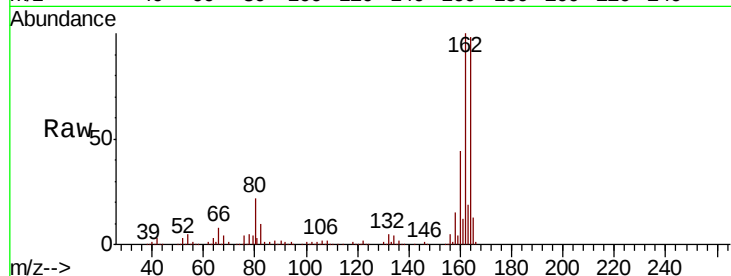




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.4	35.4	53.2

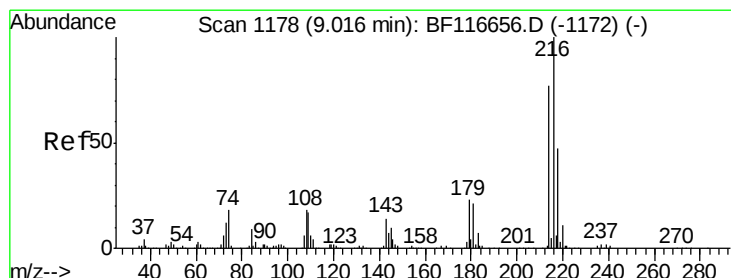
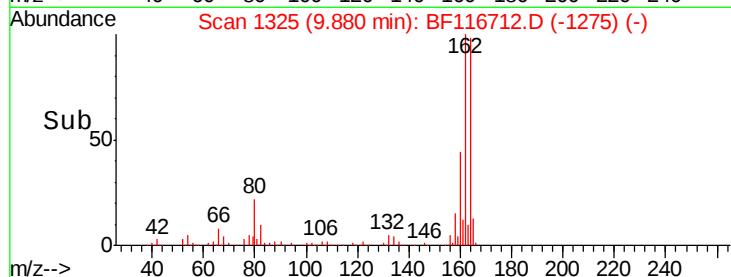
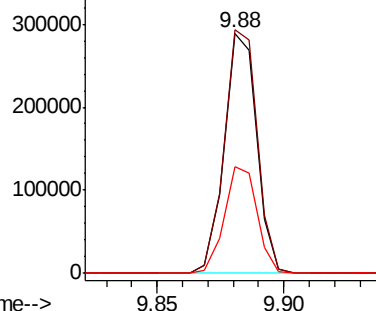


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.051 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.8	62.7	94.1
179	23.8	19.3	28.9
108	22.5	16.6	25.0

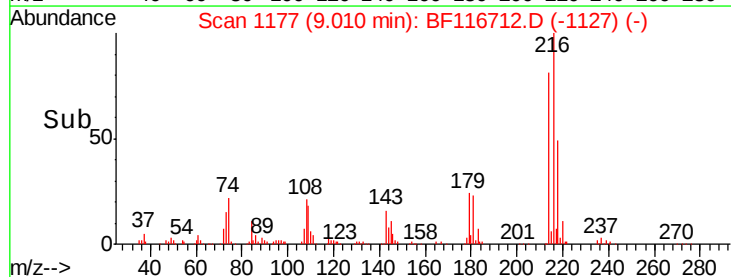
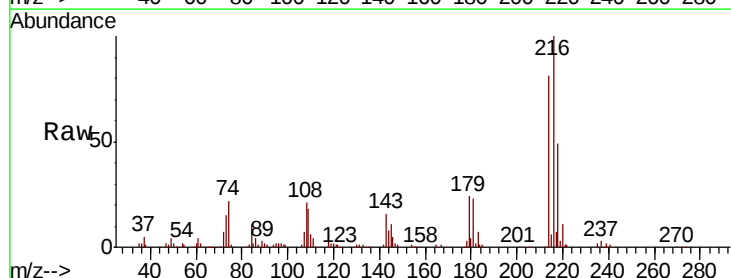
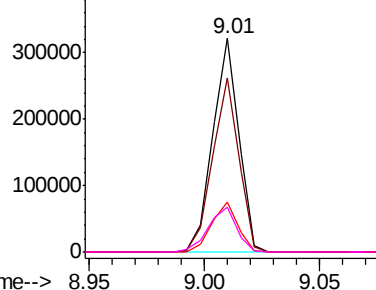
Abundance

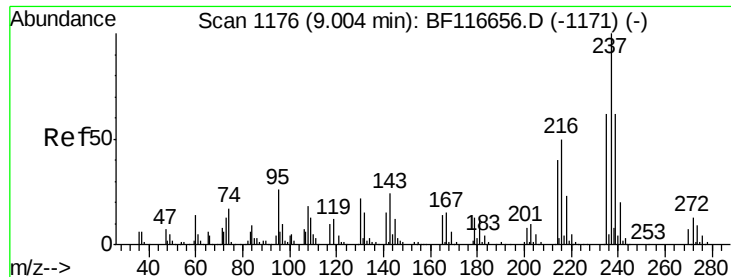
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.787 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

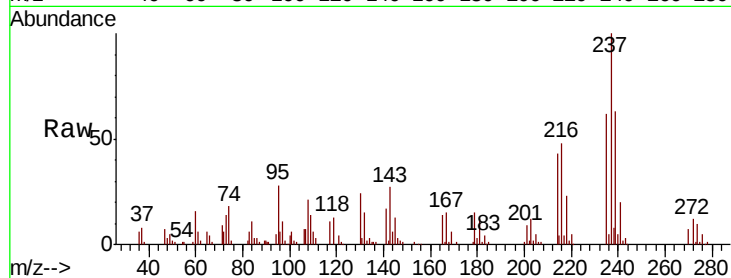
Tot Ion:237 Resp: 67117

Ion Ratio Lower Upper

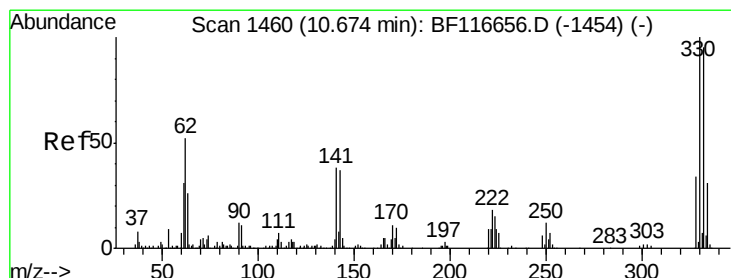
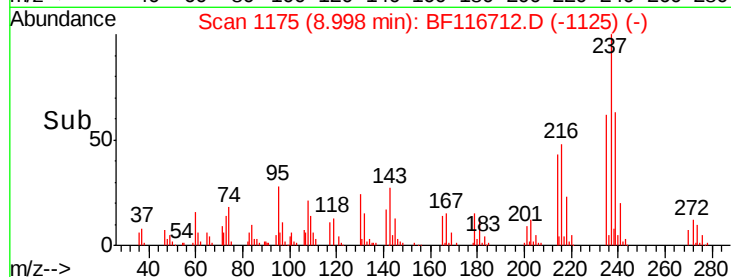
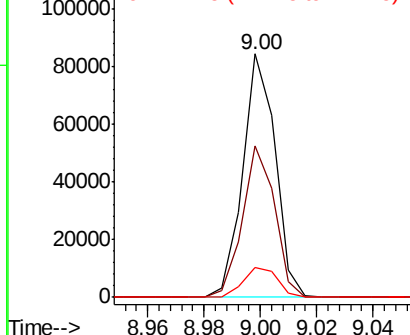
237 100

235 62.1 41.4 81.4

272 12.5 0.0 32.8



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: 88.905 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

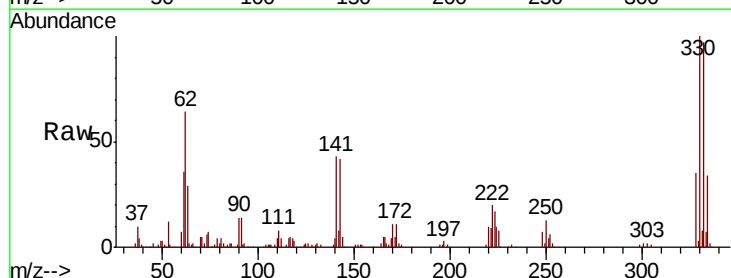
Tgt Ion:330 Resp: 153388

Ion Ratio Lower Upper

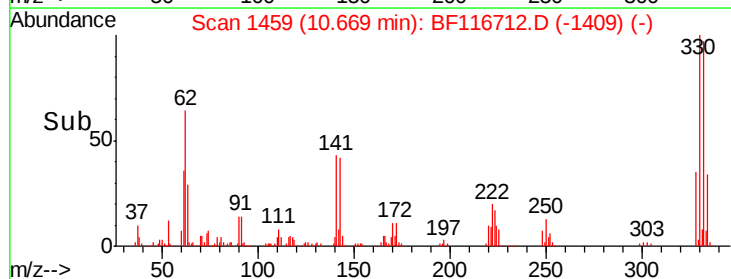
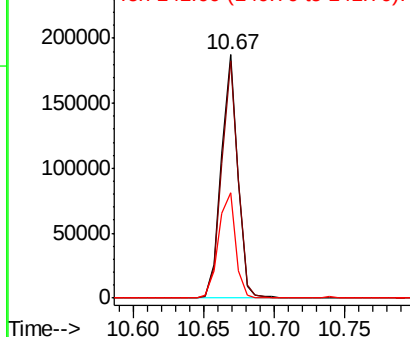
330 100

332 96.8 76.9 115.3

141 45.0 31.4 47.2



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

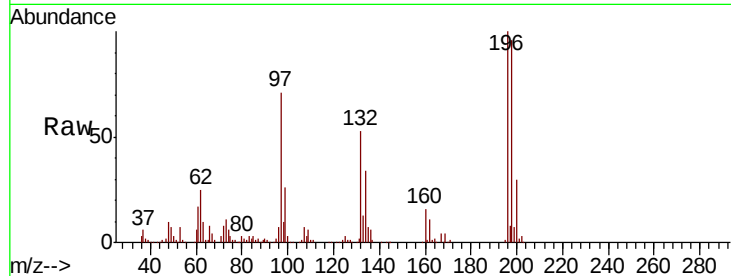




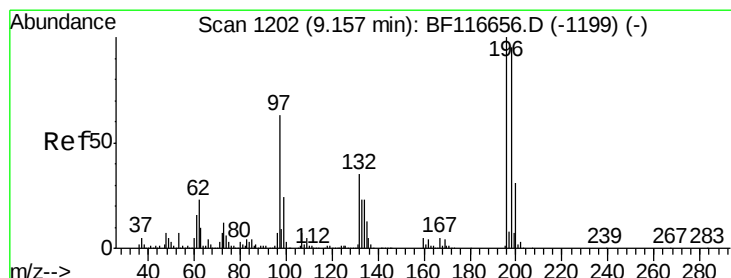
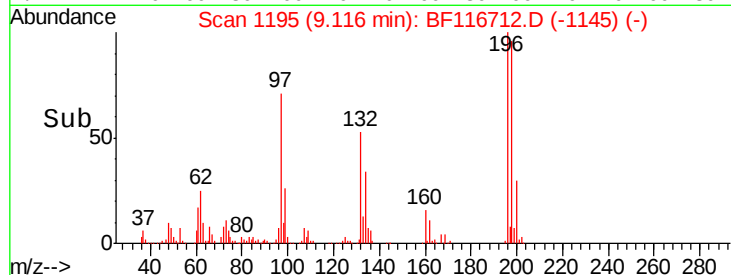
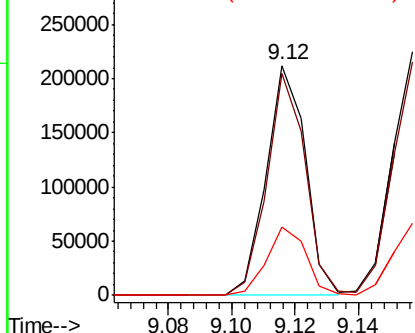
#43
2,4,6-Trichlorophenol
Concen: 43.182 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 183129
Ion Ratio Lower Upper
196 100
198 96.3 79.1 118.7
200 29.5 24.0 36.0

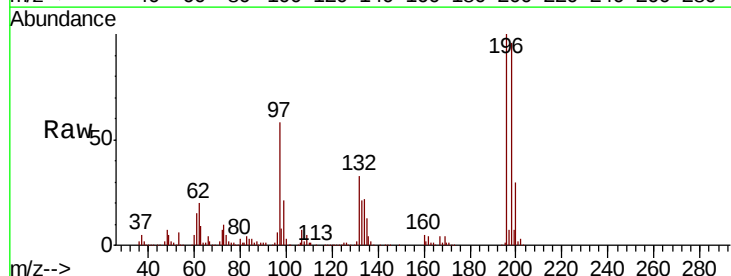


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

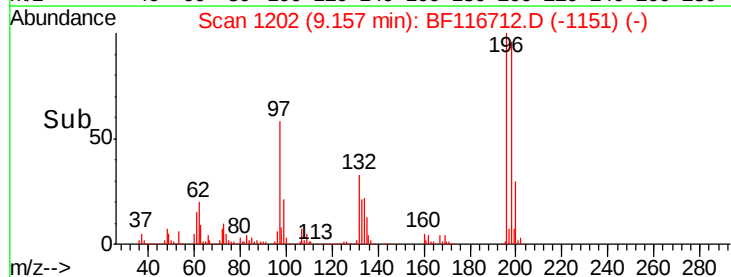
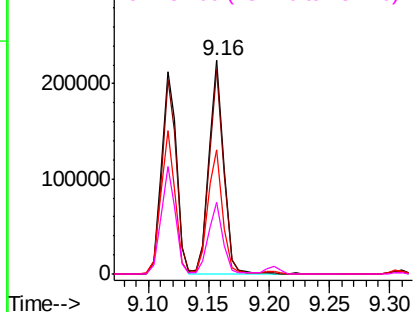


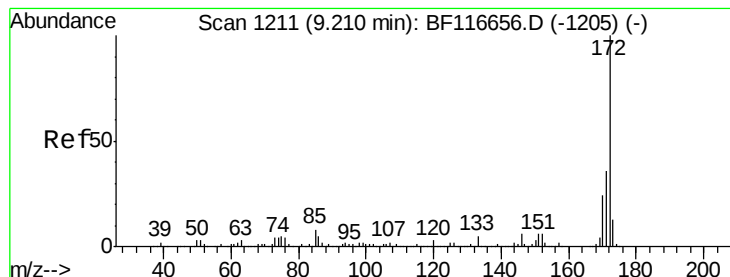
#44
2,4,5-Trichlorophenol
Concen: 43.222 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:196 Resp: 190298
Ion Ratio Lower Upper
196 100
198 95.8 78.1 117.1
97 58.1 41.6 62.4
132 33.5 23.5 35.3



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: 80.679 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

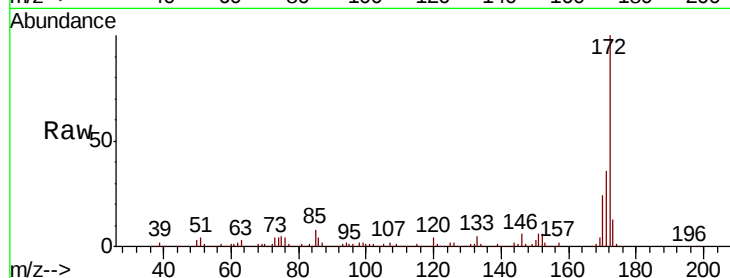
Tot Ion:172 Resp: 1234302

Ion Ratio Lower Upper

172 100

171 36.0 27.8 41.6

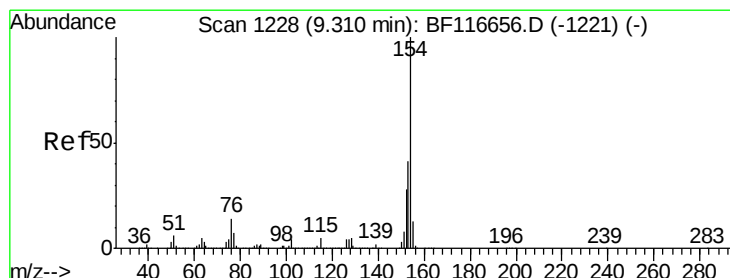
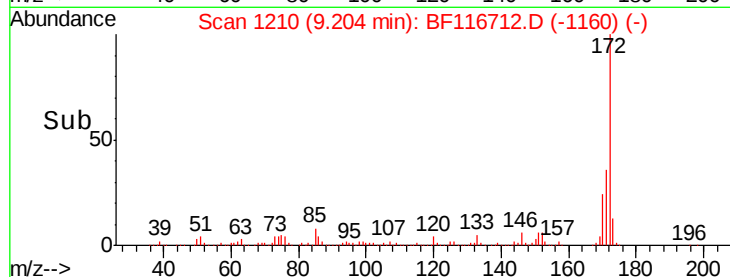
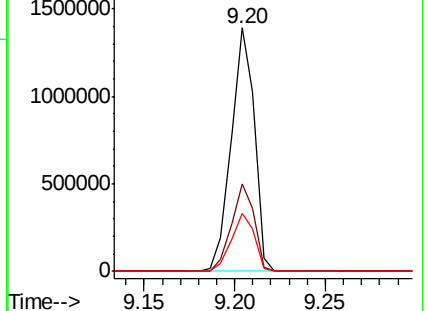
170 24.1 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.626 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

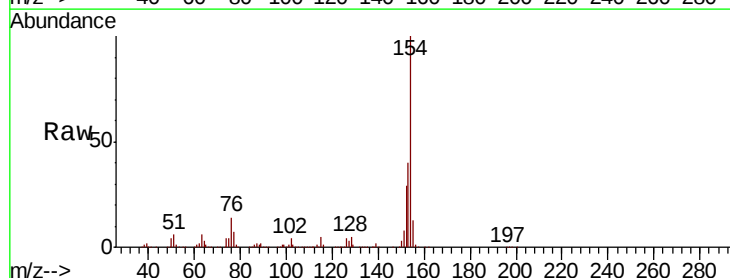
Tgt Ion:154 Resp: 795589

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

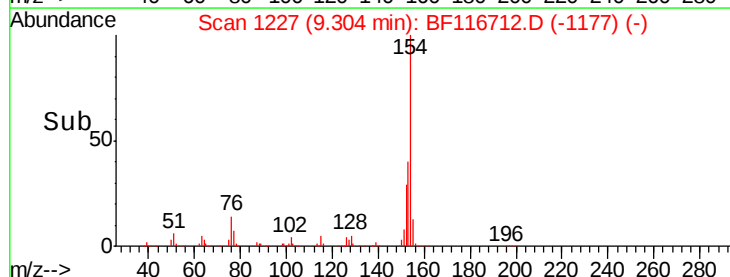
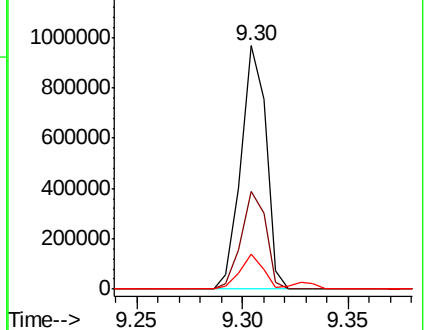
76 14.1 0.0 30.9

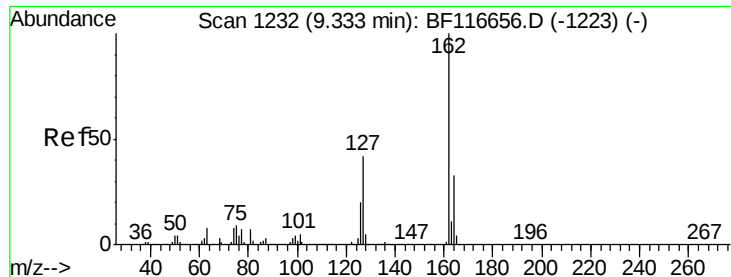


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

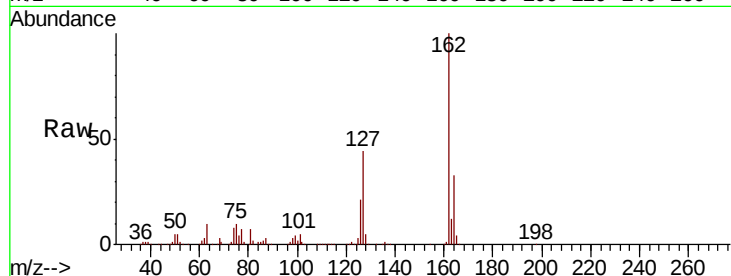




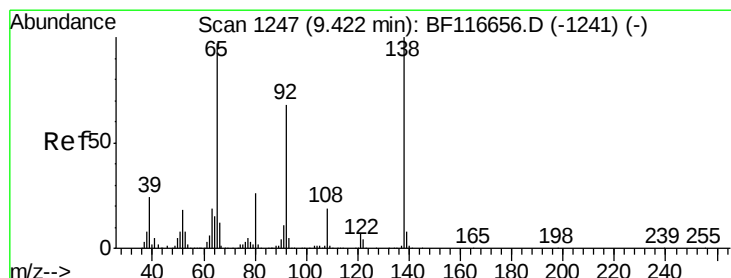
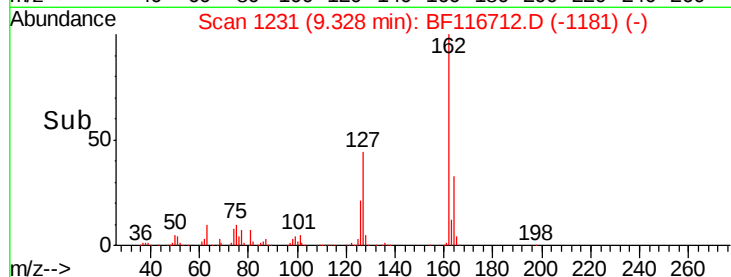
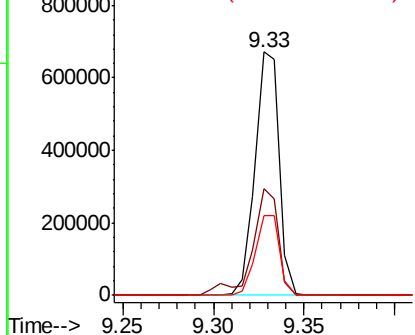
#47
 2-Chloronaphthalene
 Concen: 40.058 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.0	33.4	50.2
164	32.8	26.6	39.8

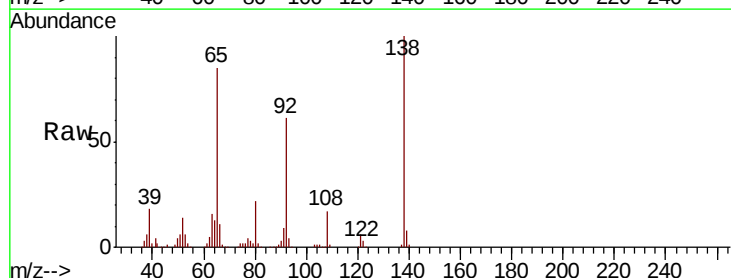


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

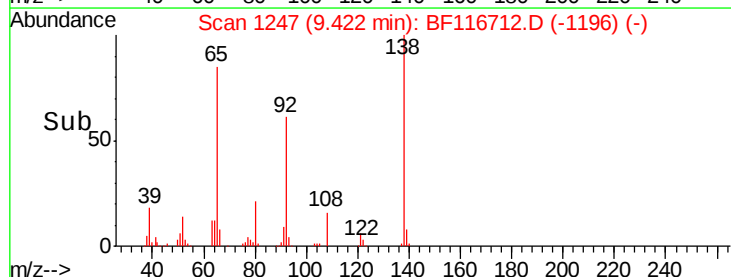
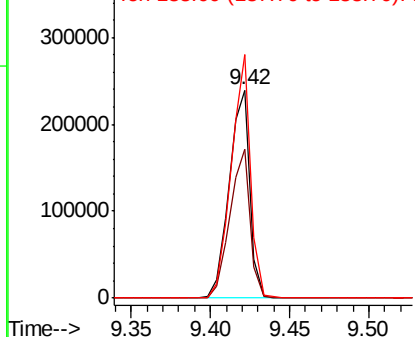


#48
 2-Nitroaniline
 Concen: 48.102 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	57.1	85.7
138	117.0	88.2	132.2



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: 40.168 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

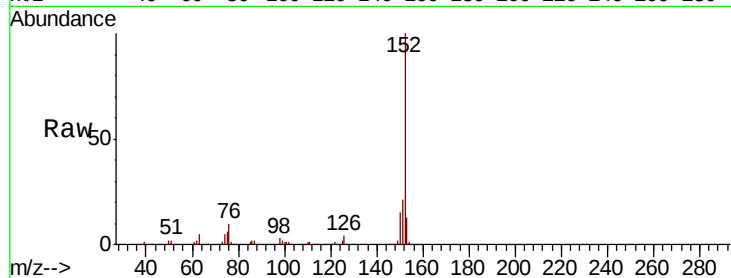
Tot Ion:152 Resp: 941805

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

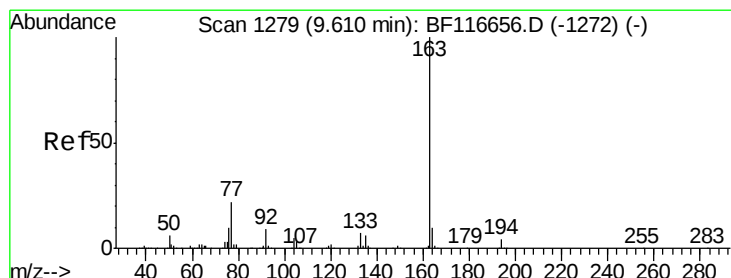
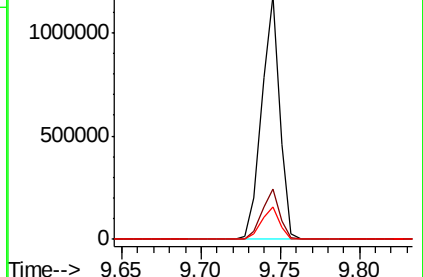
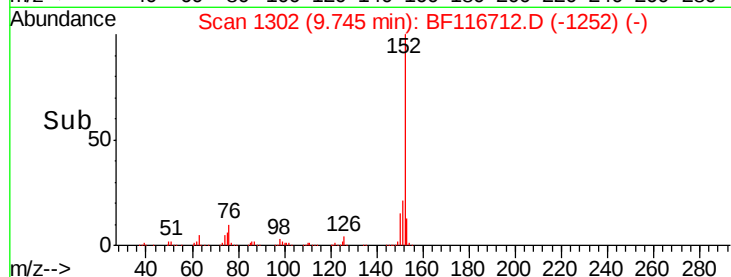
153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.626 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

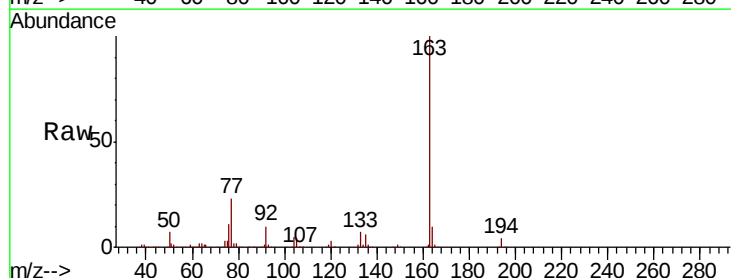
Tgt Ion:163 Resp: 723854

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

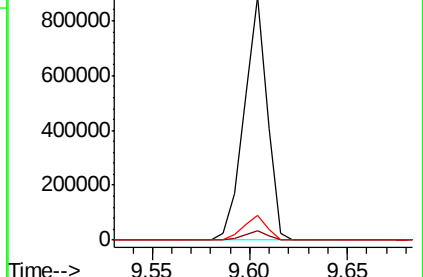
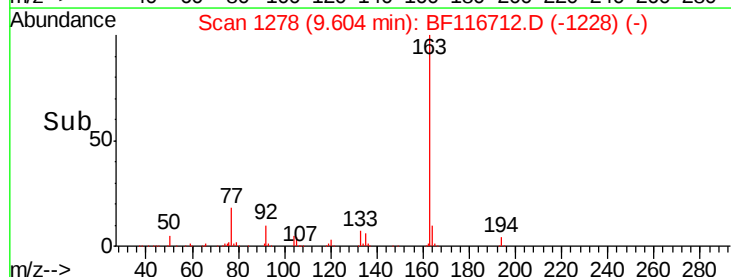
164 10.1 8.6 12.8

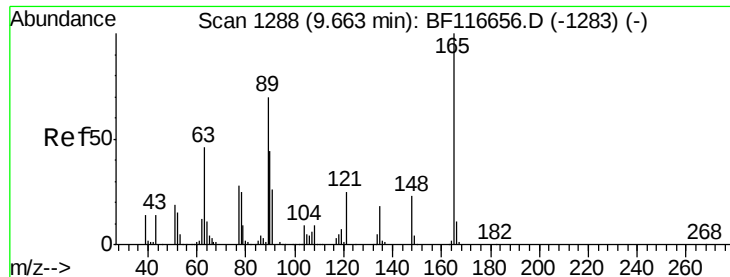


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

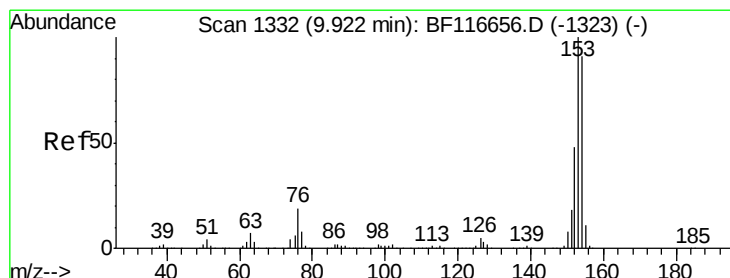
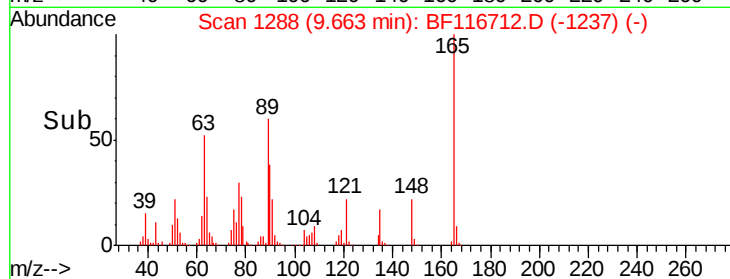
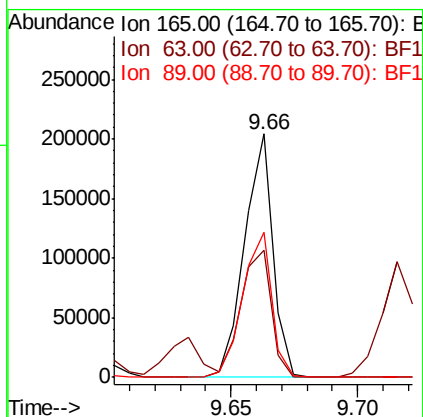
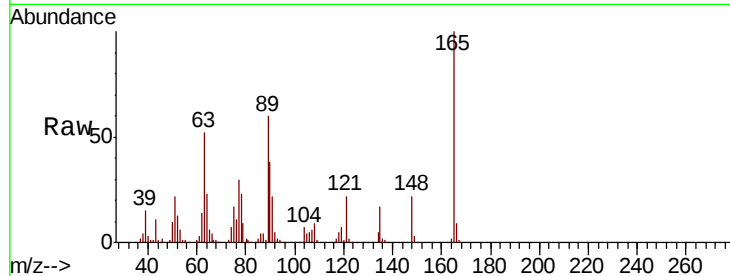




#51
2,6-Dinitrotoluene
Concen: 46.699 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

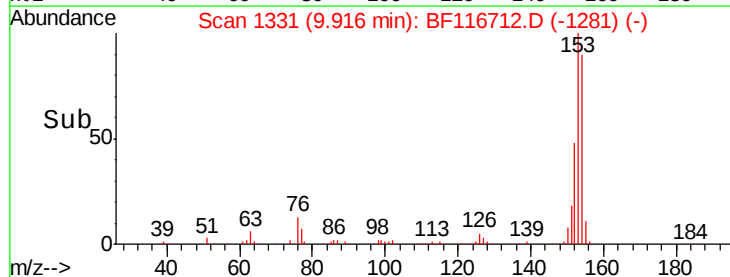
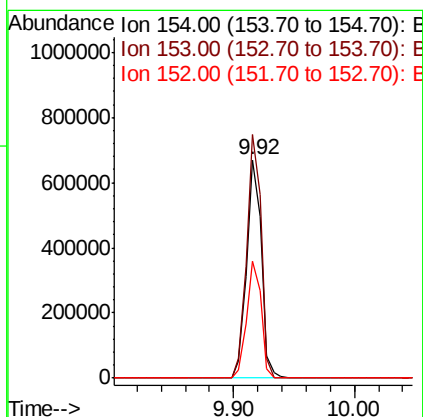
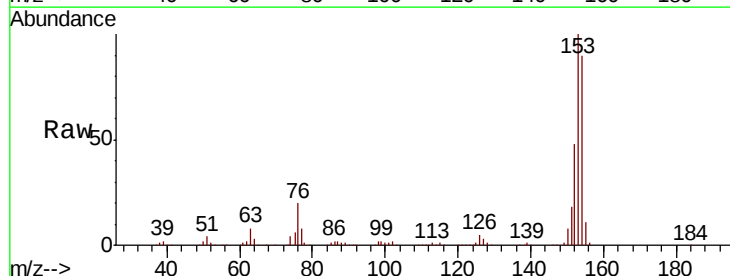
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	47.3	70.9
89	59.5	52.5	78.7



#52
Acenaphthene
Concen: 40.032 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.5	134.3
152	53.5	41.9	62.9

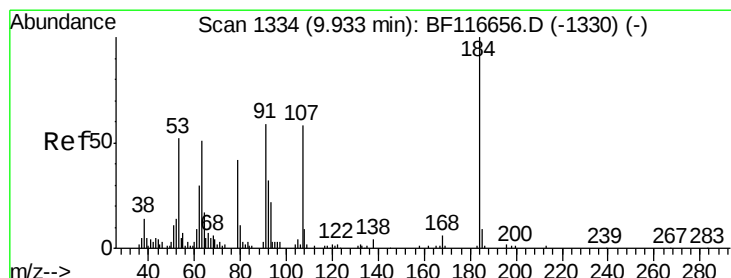
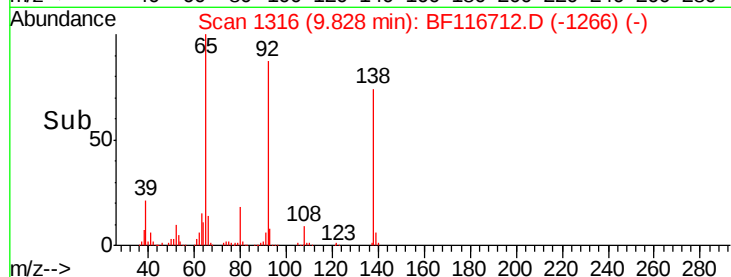
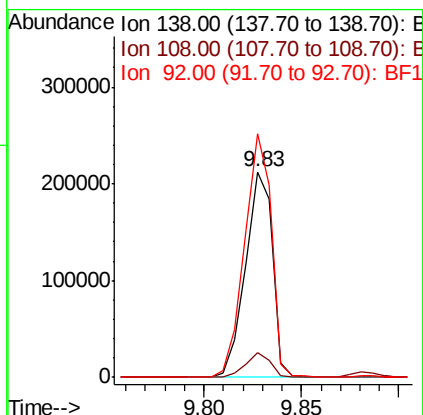
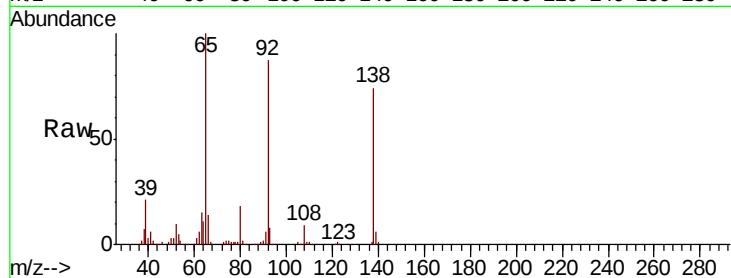




#53
3-Nitroaniline
Concen: 47.833 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

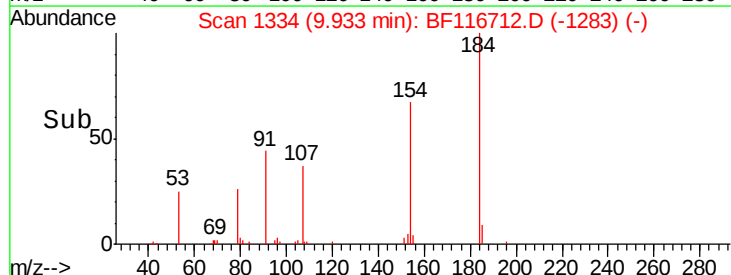
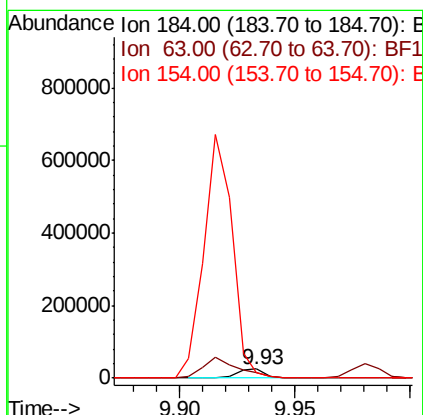
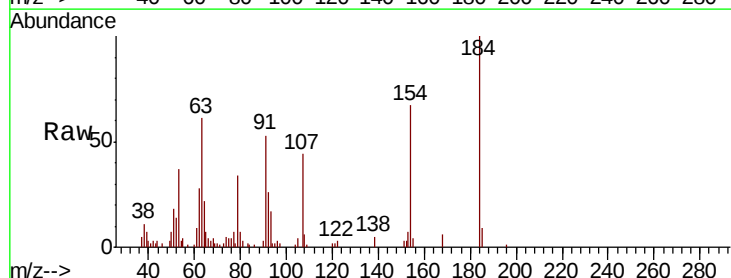
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

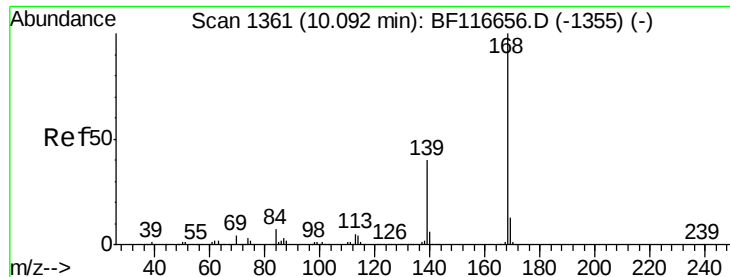
Tot Ion:138 Resp: 203780
Ion Ratio Lower Upper
138 100
108 12.1 8.5 12.7
92 118.4 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 25.152 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:184 Resp: 21910
Ion Ratio Lower Upper
184 100
63 60.7 52.2 78.2
154 66.8 60.8 91.2

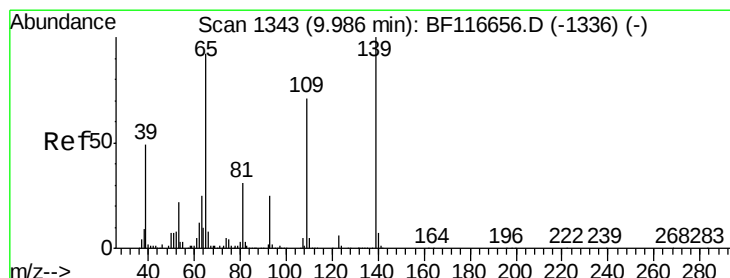
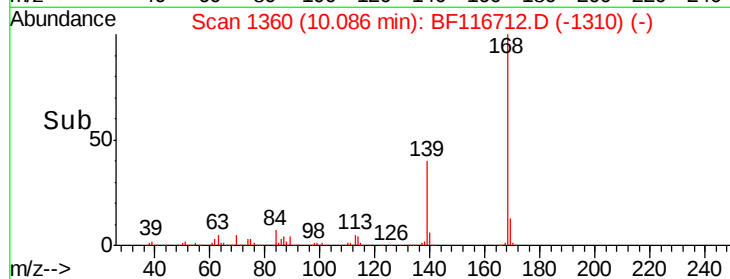
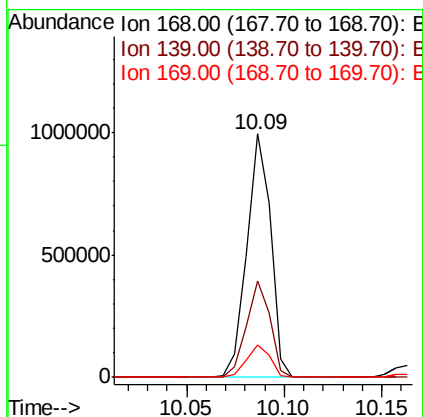
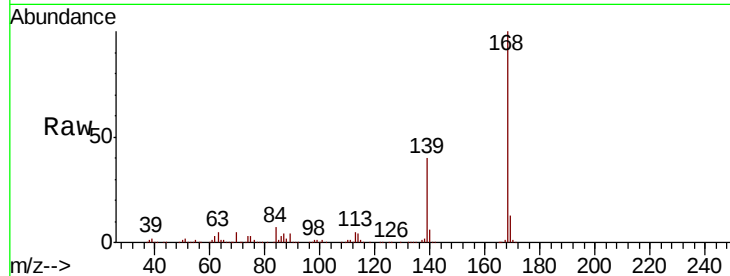




#55
Dibenzofuran
Concen: 41.374 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

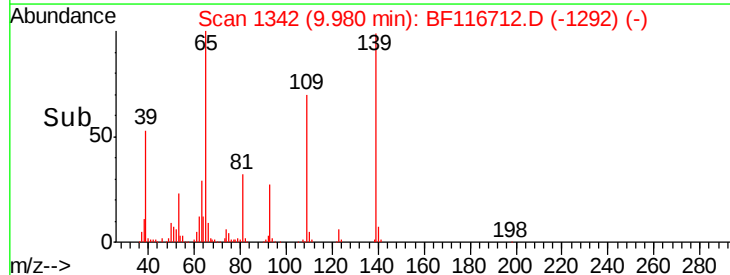
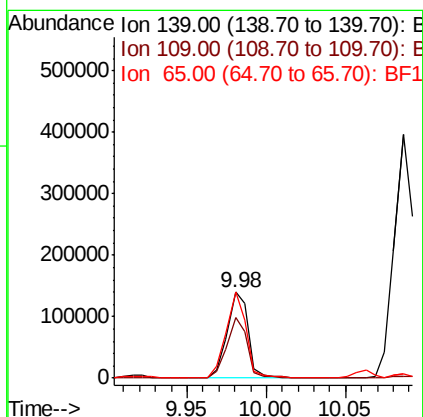
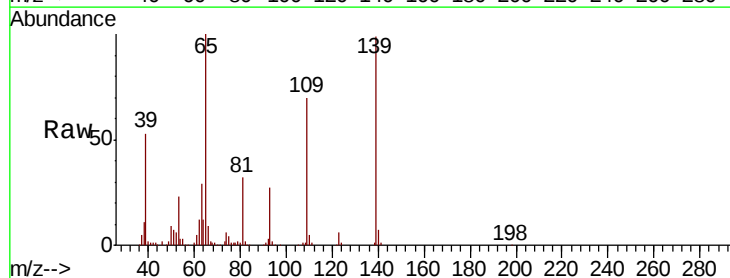
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.5	47.3
169	13.4	10.3	15.5



#56
4-Nitrophenol
Concen: 44.816 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.1	61.7	101.7
65	100.8	89.1	129.1





#57

2,4-Dinitrotoluene

Concen: 51.172 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 212709

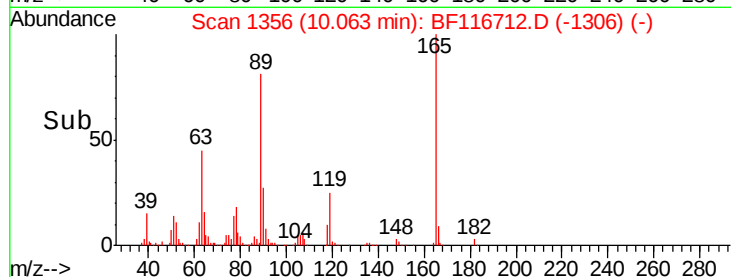
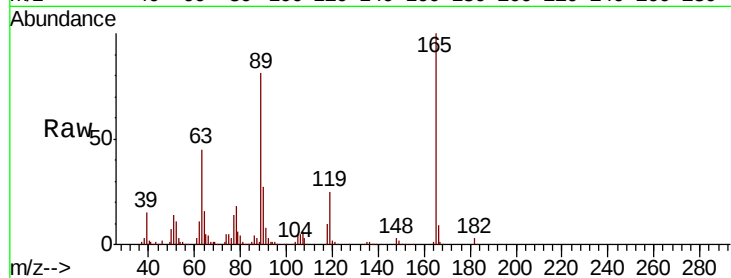
Ion Ratio Lower Upper

165 100

63 45.1 36.4 54.6

89 81.1 62.6 94.0

182 2.6 2.1 3.1

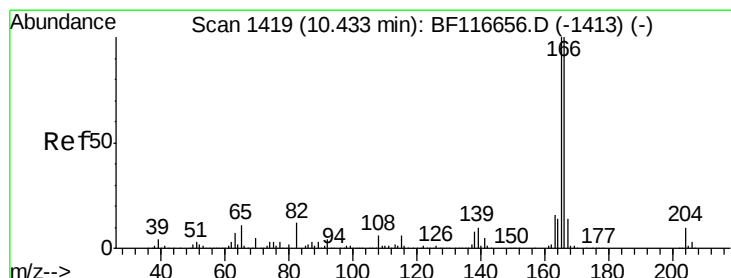
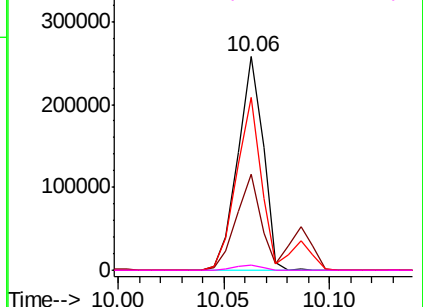


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.876 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

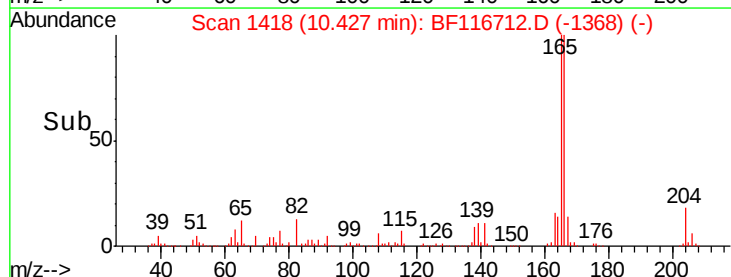
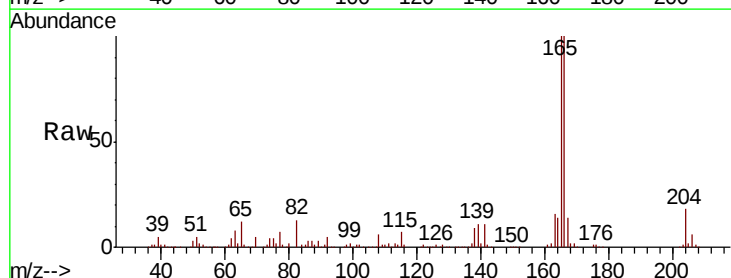
Tgt Ion:166 Resp: 632532

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

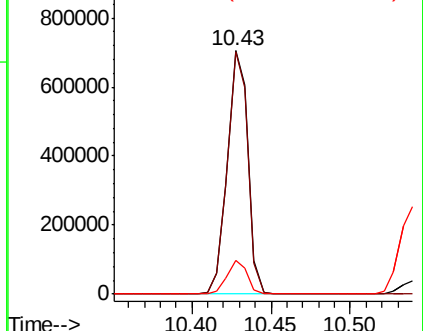
167 14.0 10.0 15.0

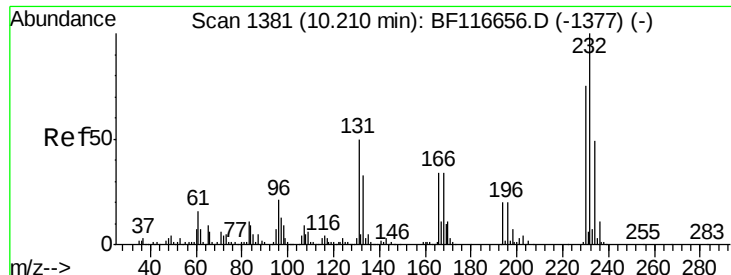


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

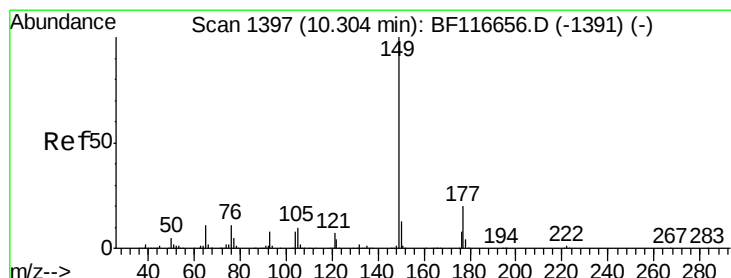
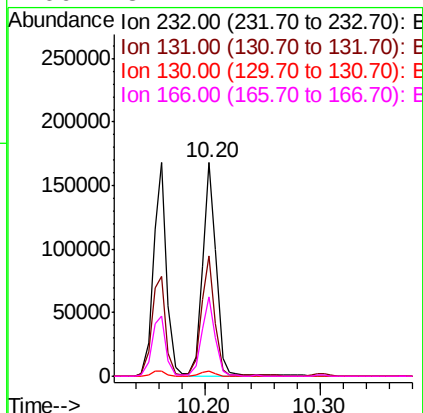
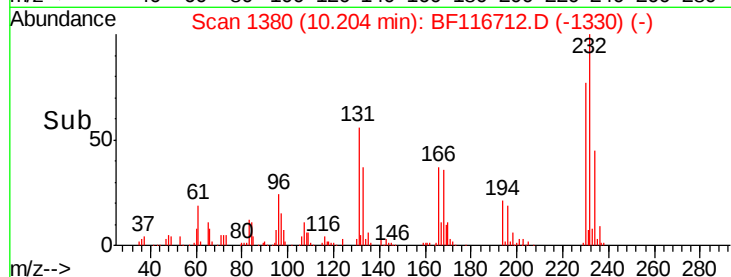
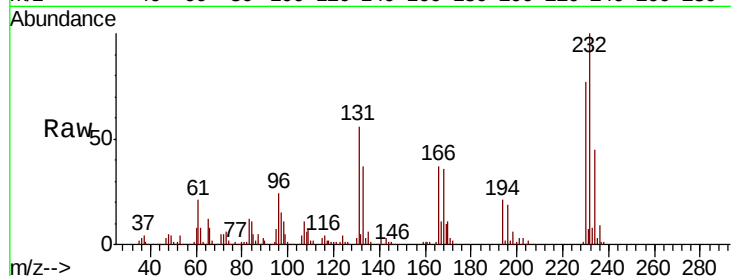




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.706 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

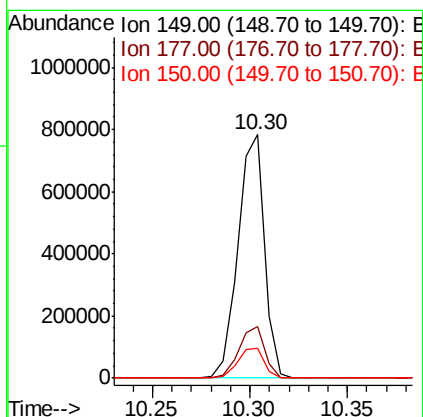
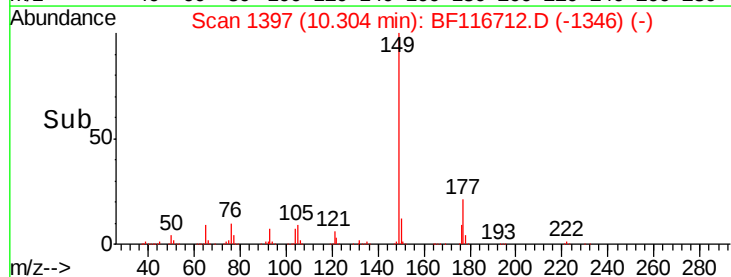
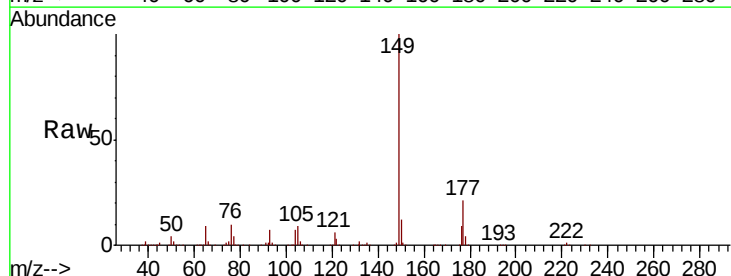
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 138878
Ion Ratio Lower Upper
232 100
131 56.7 42.7 64.1
130 2.6 1.9 2.9
166 37.4 27.4 41.2



#60
Diethylphthalate
Concen: 41.051 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:149 Resp: 732673
Ion Ratio Lower Upper
149 100
177 21.1 17.2 25.8
150 12.2 9.7 14.5

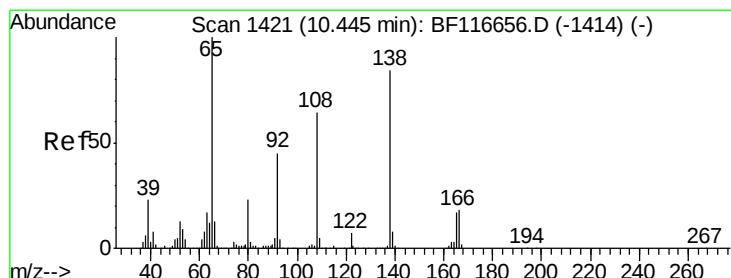
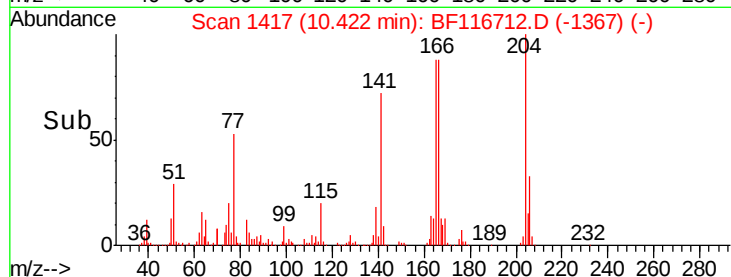
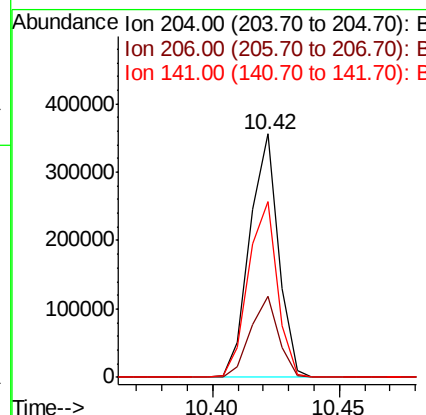
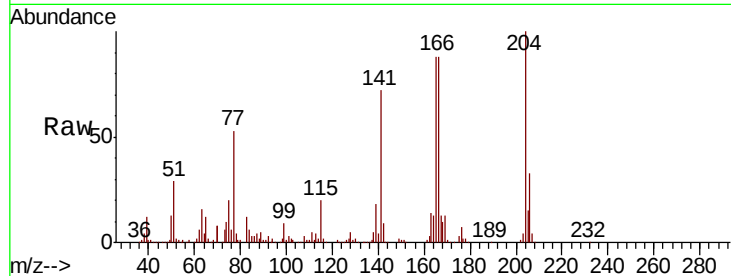




#61
4-Chlorophenyl-phenylether
Concen: 41.348 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

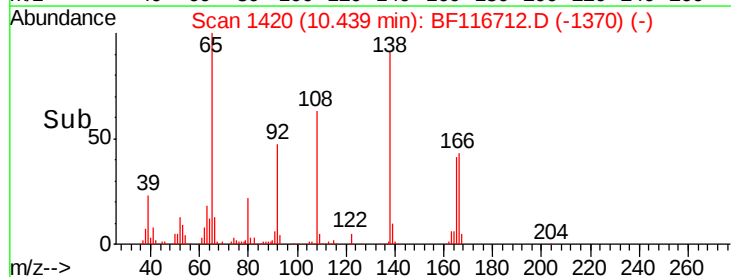
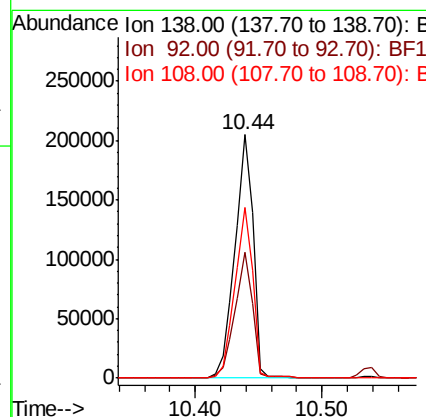
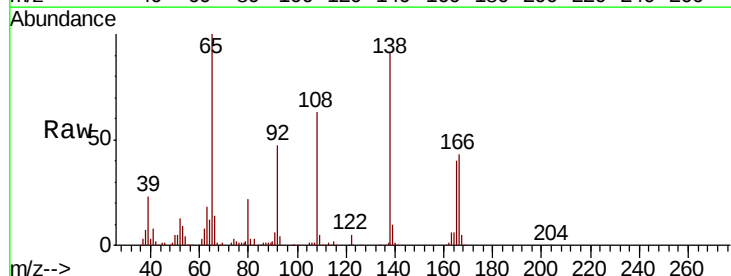
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 280181
Ion Ratio Lower Upper
204 100
206 33.5 25.4 38.2
141 72.1 53.8 80.8



#62
4-Nitroaniline
Concen: 48.900 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:138 Resp: 202172
Ion Ratio Lower Upper
138 100
92 51.6 28.7 68.7
108 69.9 60.4 100.4

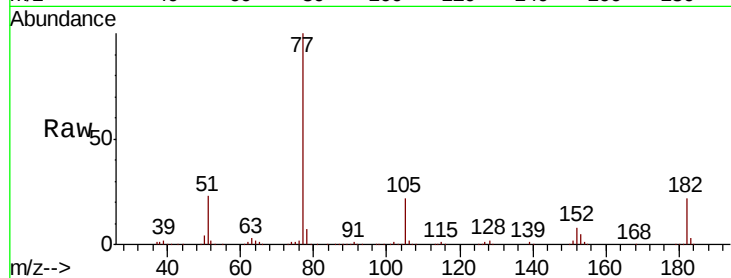




#63
Azobenzene
Concen: 40.921 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	761554
Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.2	41.2
105	22.4	0.6	40.6
51	22.9	8.2	48.2



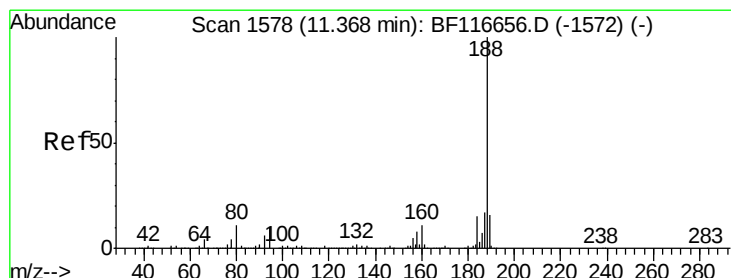
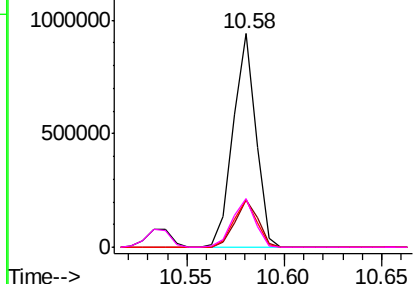
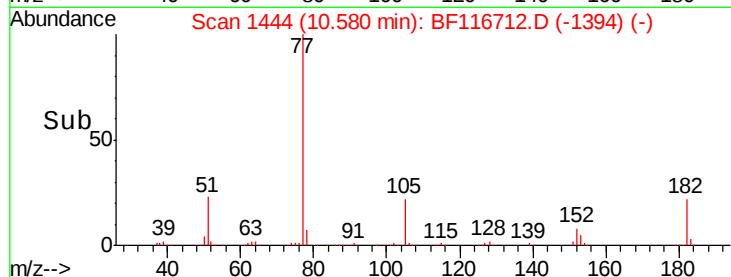
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

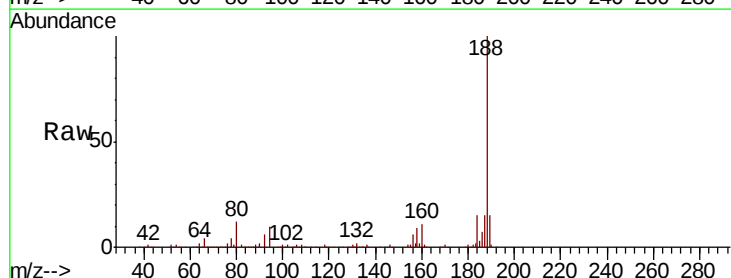
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:	188	Resp:	411535
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.3	10.9
80	11.6	8.4	12.6

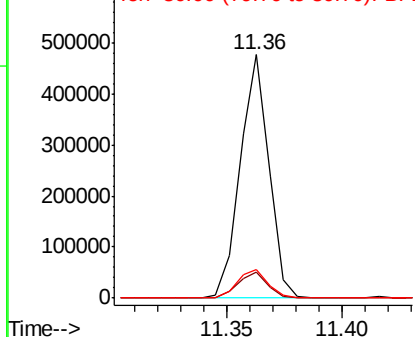
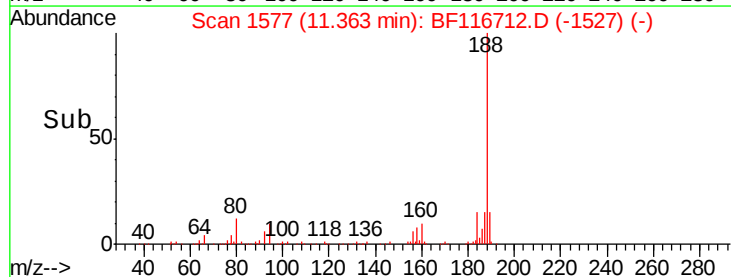


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

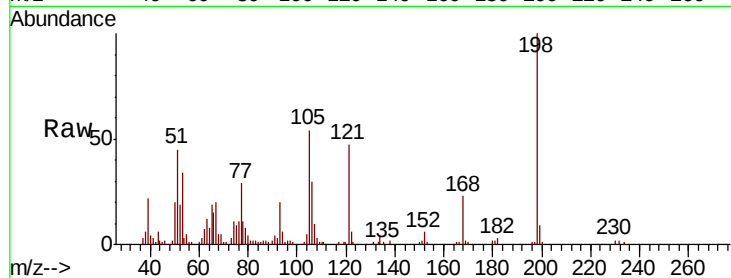




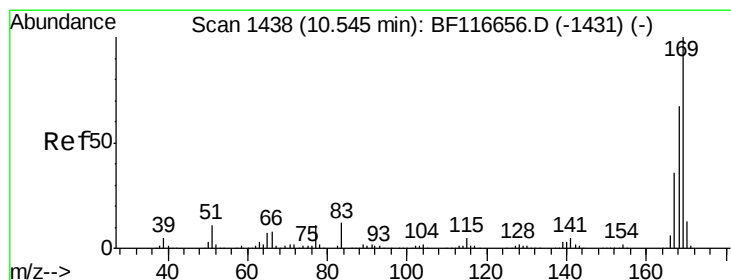
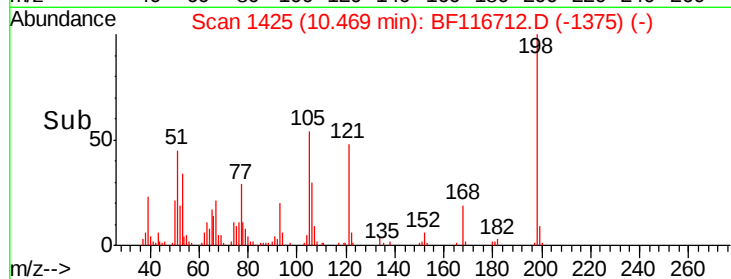
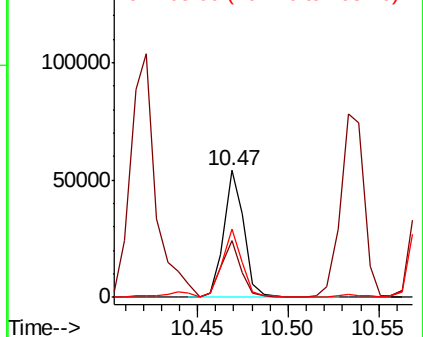
#65
4,6-Dinitro-2-methylphenol
Concen: 30.700 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 41712
Ion Ratio Lower Upper
198 100
51 44.9 18.4 58.4
105 53.6 22.9 62.9

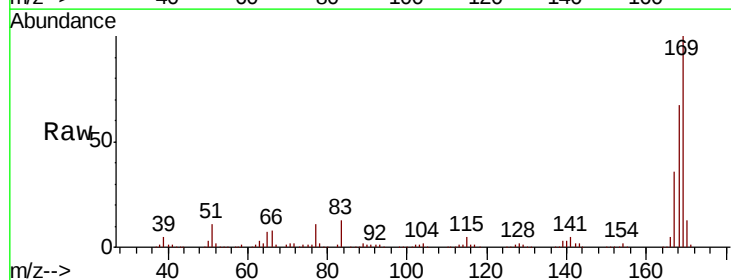


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

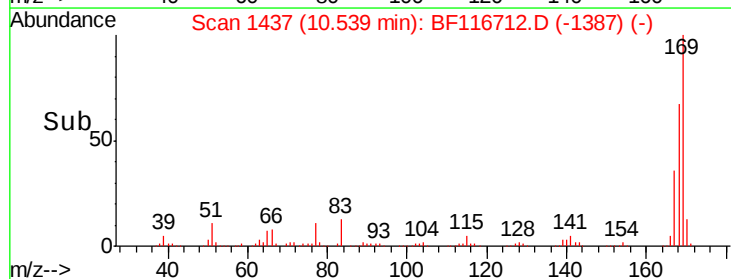
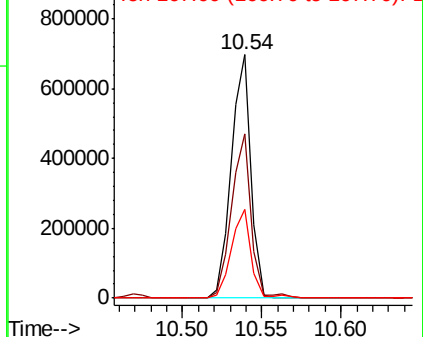


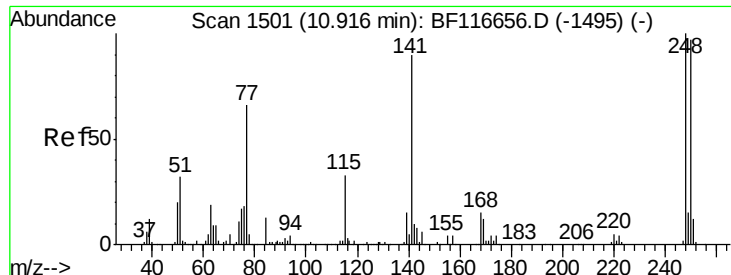
#66
n-Nitrosodiphenylamine
Concen: 41.823 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:169 Resp: 595404
Ion Ratio Lower Upper
169 100
168 67.3 55.8 83.6
167 36.4 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

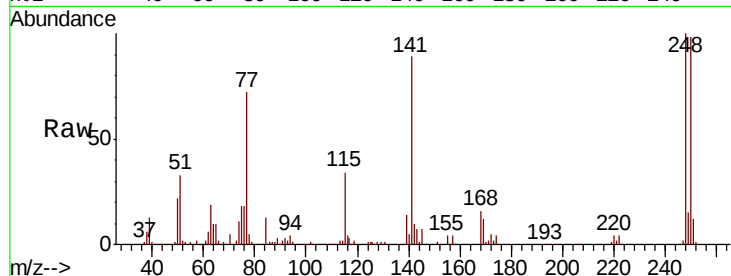




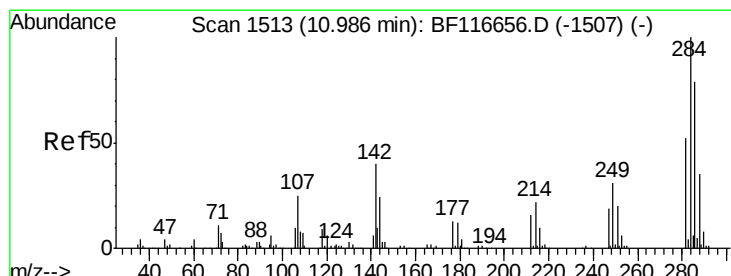
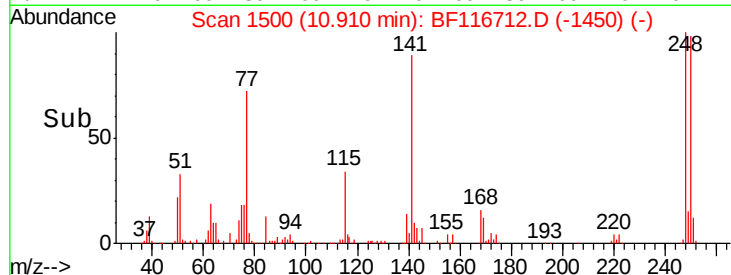
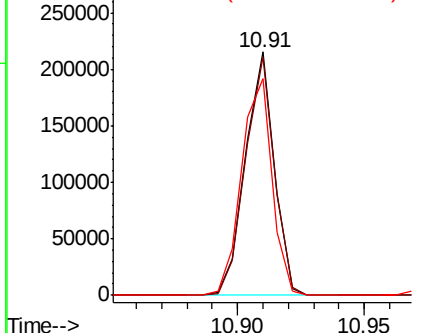
#67
 4-Bromophenyl-phenylether
 Concen: 40.934 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	171129
Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.8
141	88.9	75.9	113.9

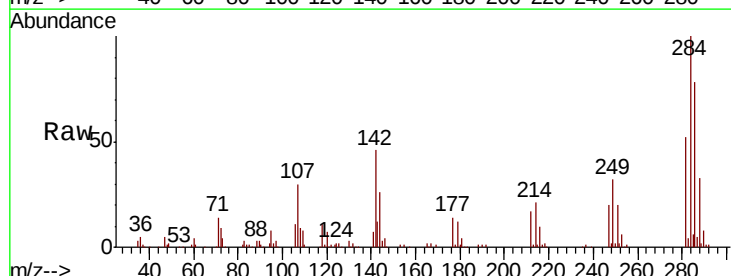


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

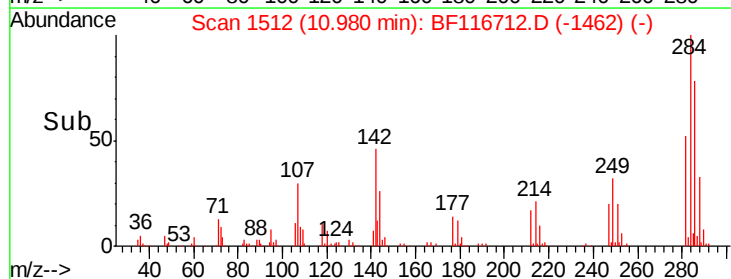
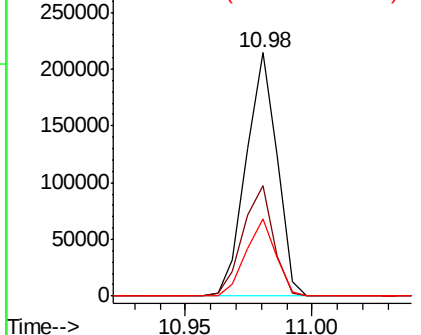


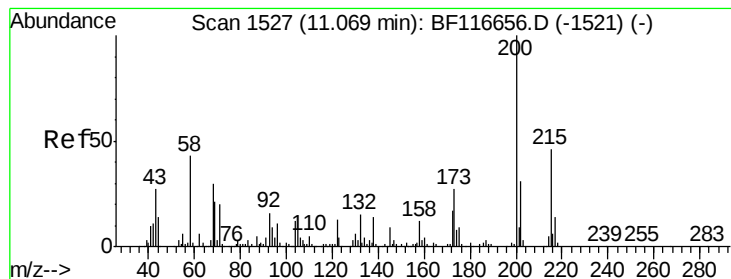
#68
 Hexachlorobenzene
 Concen: 41.609 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion:	284	Resp:	181998
Ion	Ratio	Lower	Upper
284	100		
142	45.5	34.0	51.0
249	31.5	26.4	39.6



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: 42.169 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

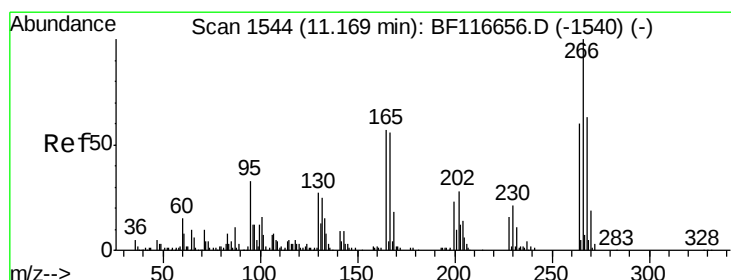
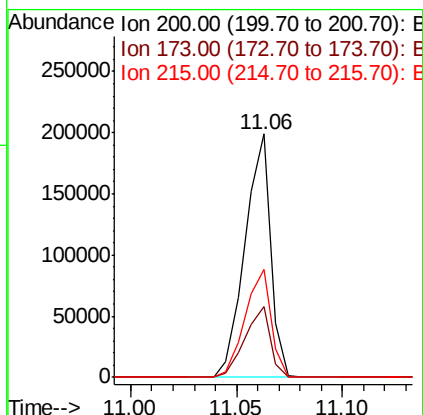
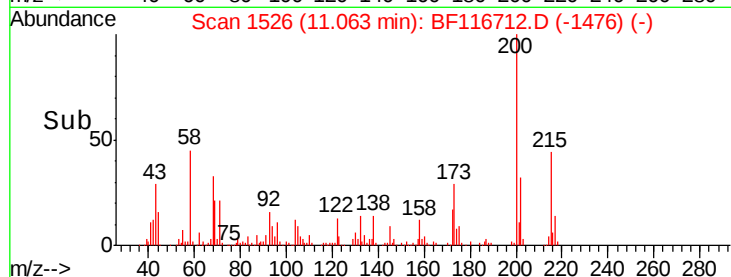
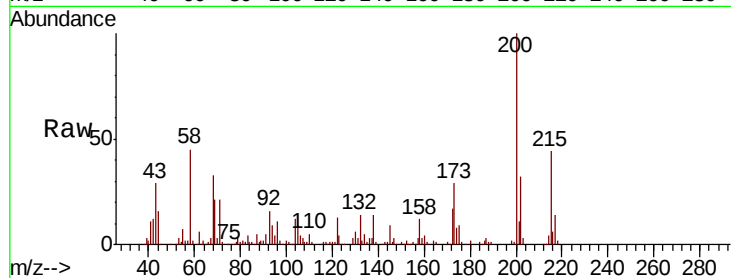
Tot Ion:200 Resp: 168137

Ion Ratio Lower Upper

200 100

173 29.3 6.2 46.2

215 44.3 24.3 64.3



#70

Pentachlorophenol

Concen: 38.320 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

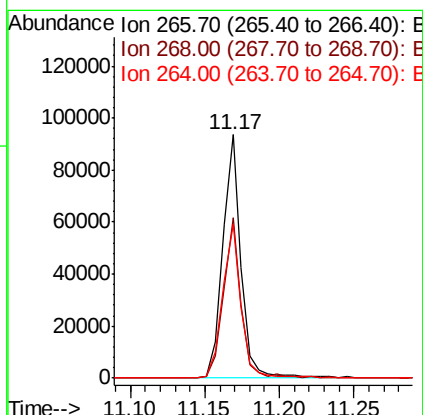
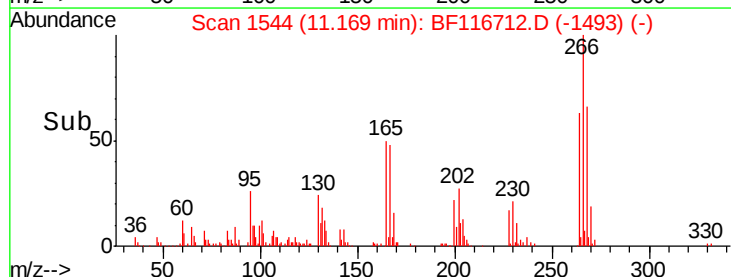
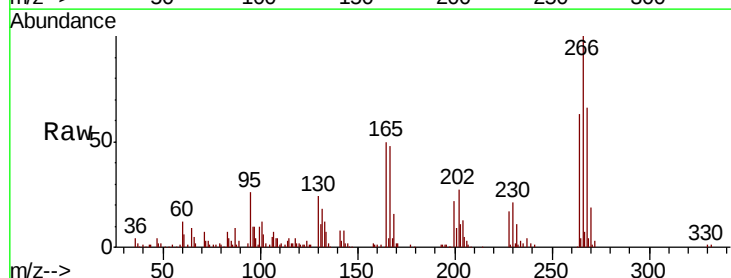
Tgt Ion:266 Resp: 81083

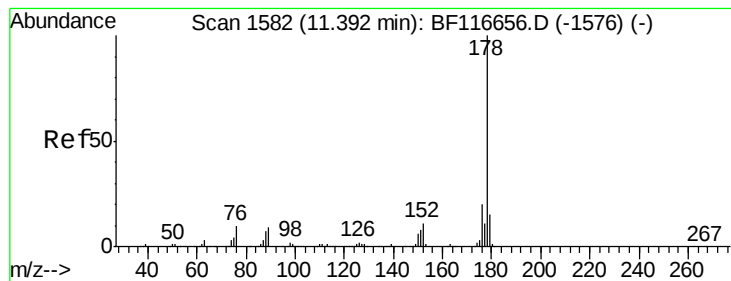
Ion Ratio Lower Upper

266 100

268 66.0 51.2 76.8

264 63.3 51.9 77.9





#71

Phenanthrene

Concen: 41.038 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

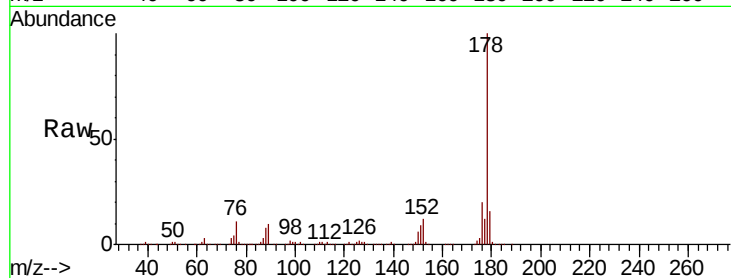
Tot Ion:178 Resp: 940130

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

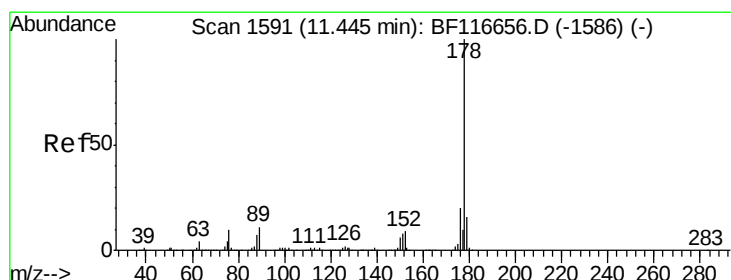
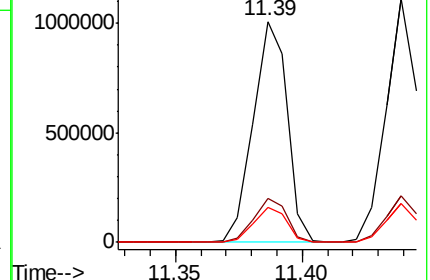
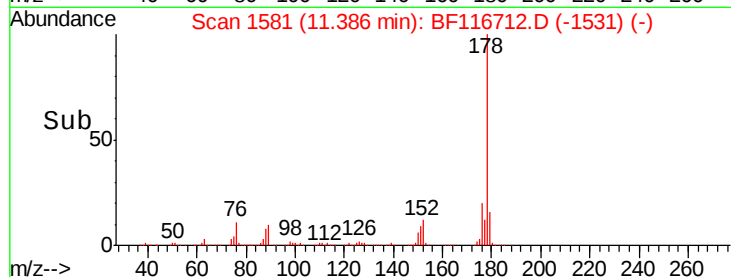
179 15.8 12.2 18.2



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: 41.202 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

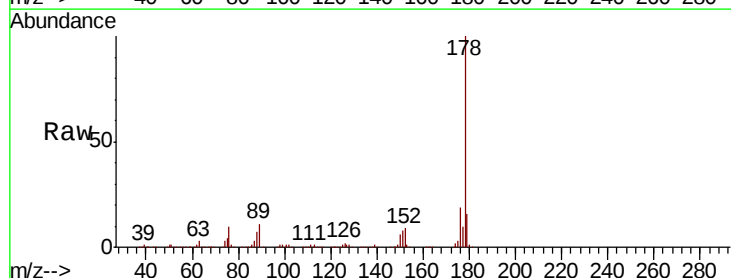
Tgt Ion:178 Resp: 950155

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

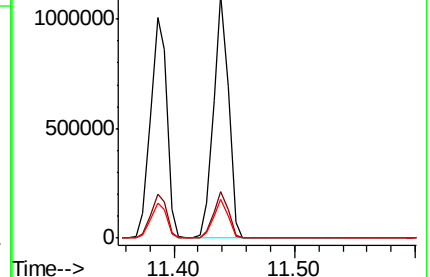
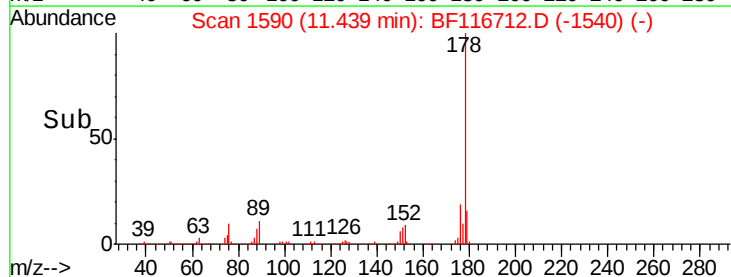
179 15.8 12.5 18.7

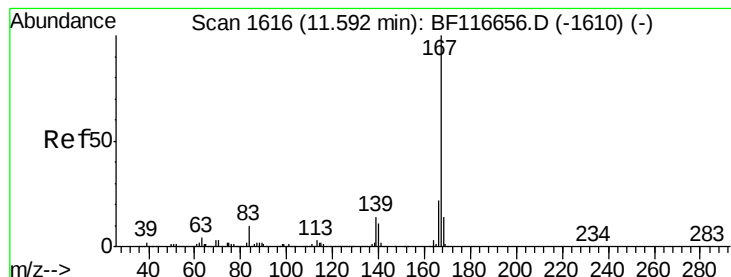


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.837 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

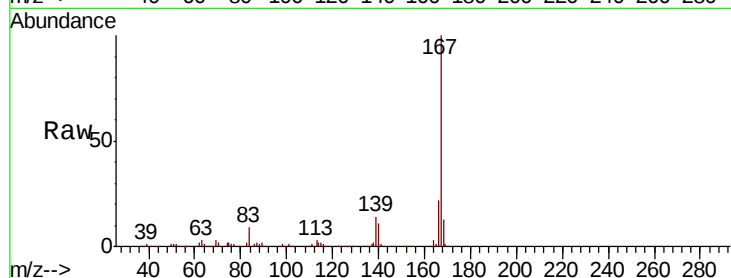
Tot Ion:167 Resp: 897049

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

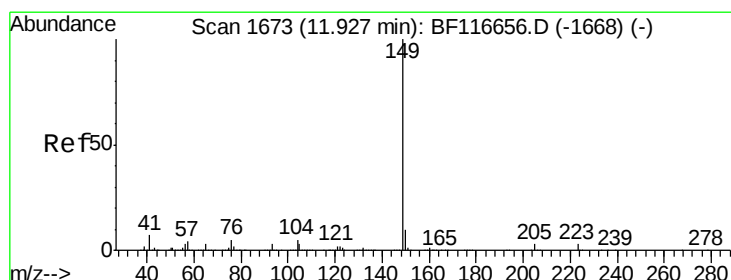
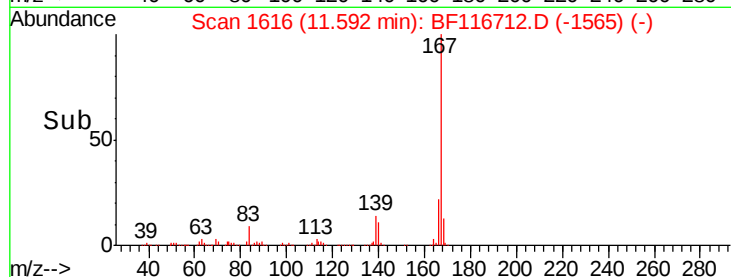
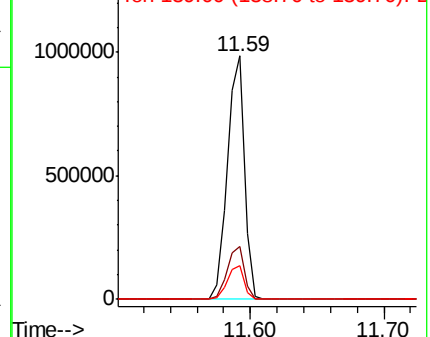
139 13.6 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.165 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

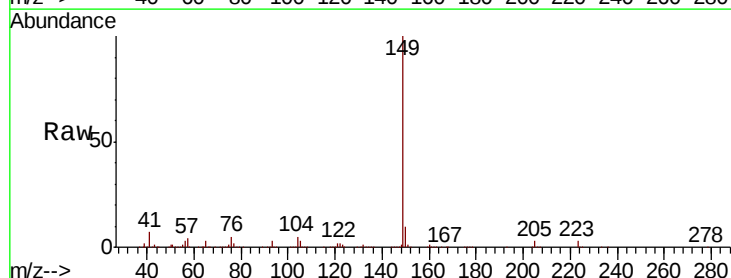
Tgt Ion:149 Resp: 1187398

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

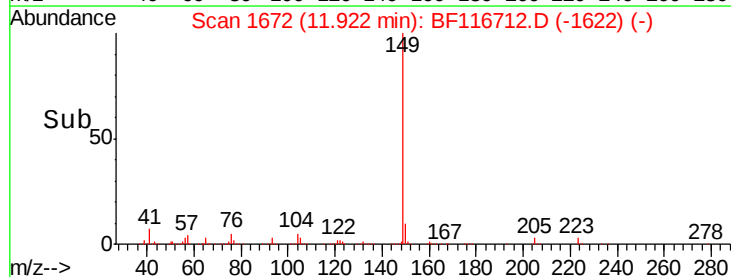
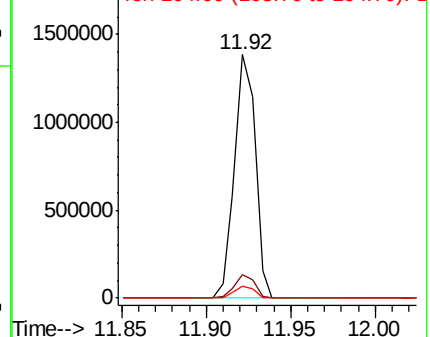
104 5.1 4.2 6.2

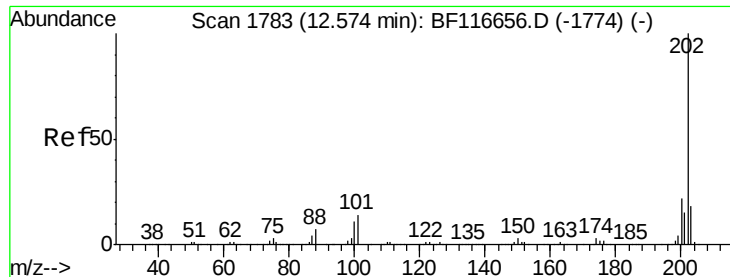


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

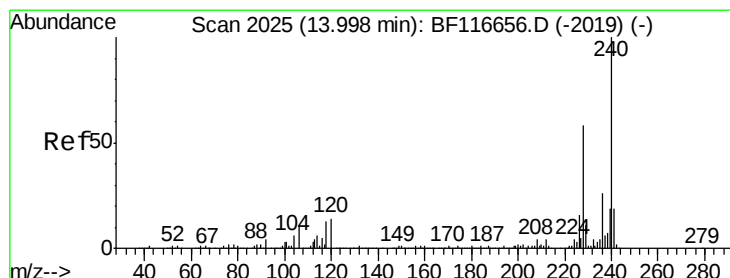
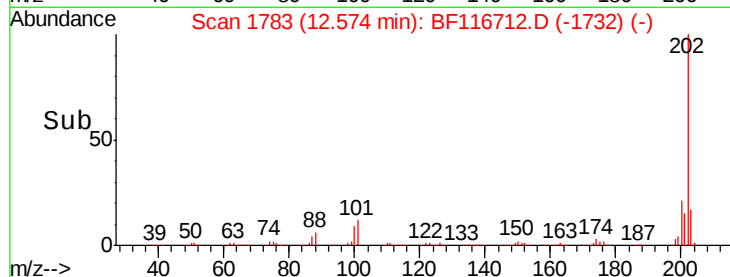
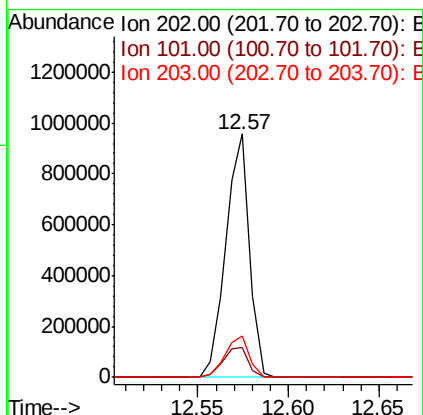
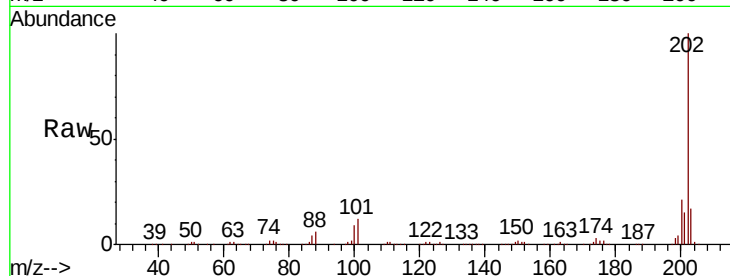




#75
 Fluoranthene
 Concen: 38.532 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

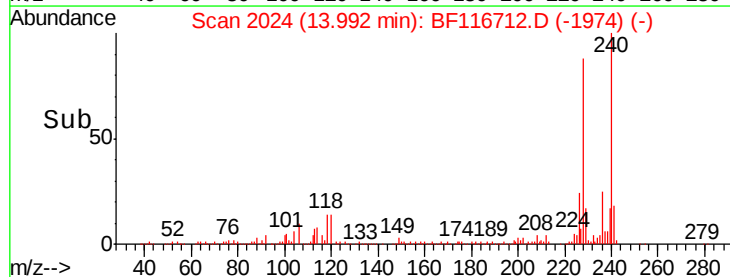
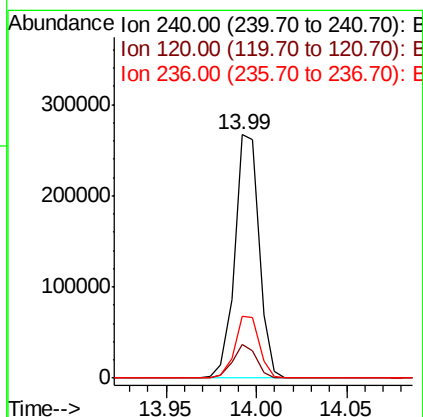
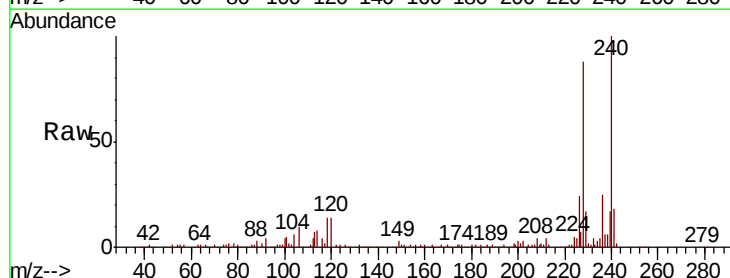
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

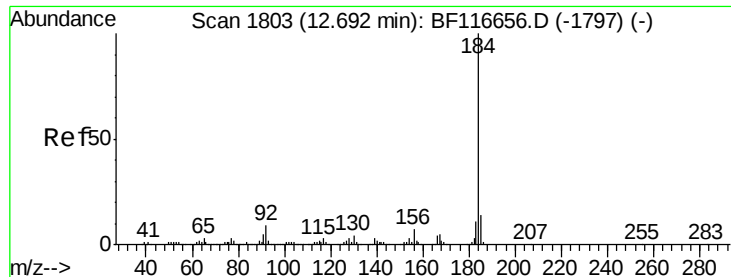
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	17.3	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.1	13.7#
236	25.4	21.1	31.7





#77

Benzidine

Concen: 41.255 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

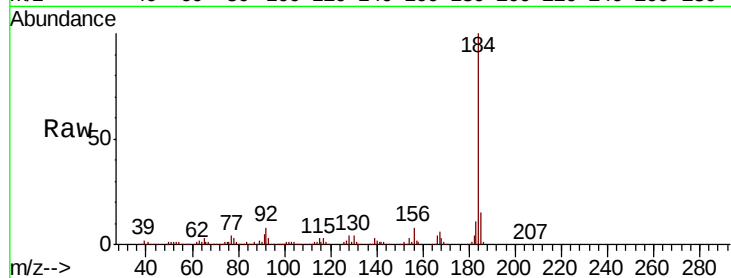
Tot Ion:184 Resp: 405104

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

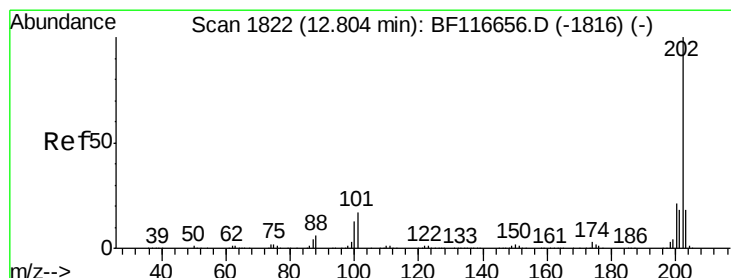
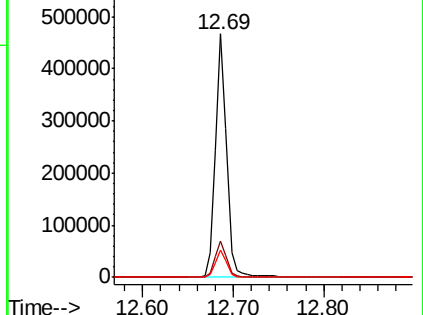
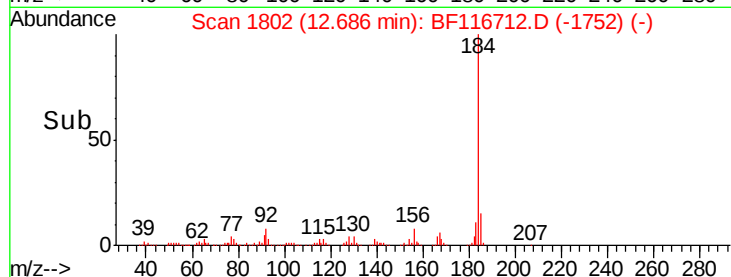
183 11.2 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.494 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

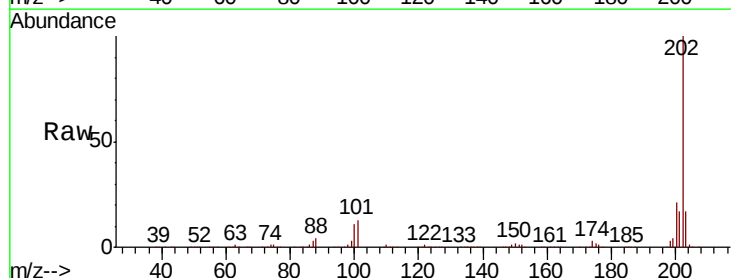
Tgt Ion:202 Resp: 856670

Ion Ratio Lower Upper

202 100

200 20.8 16.5 24.7

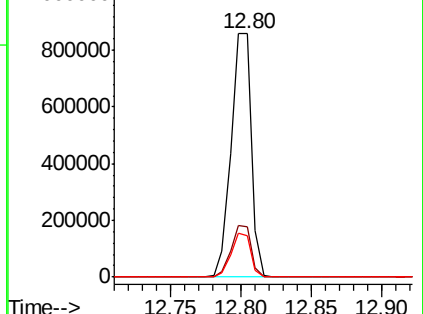
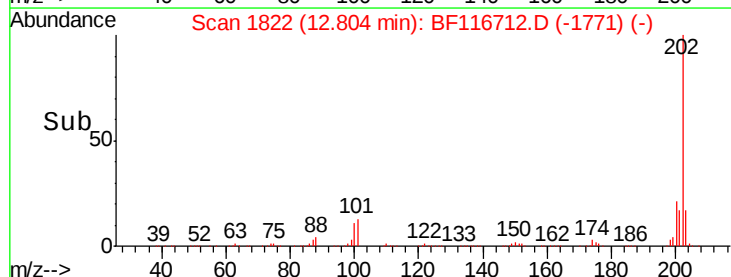
203 16.9 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.587 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

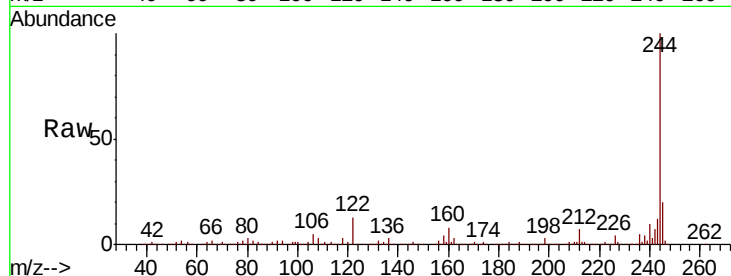
Tot Ion:244 Resp: 1104116

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

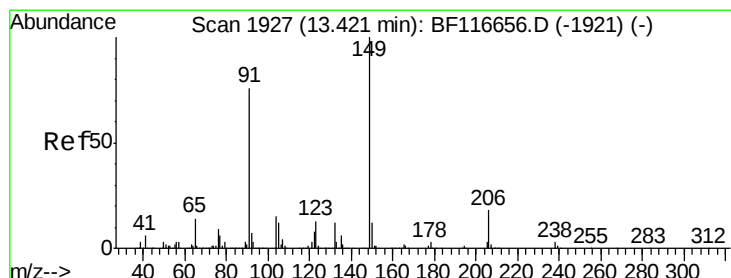
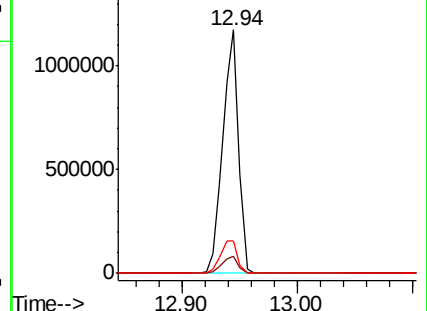
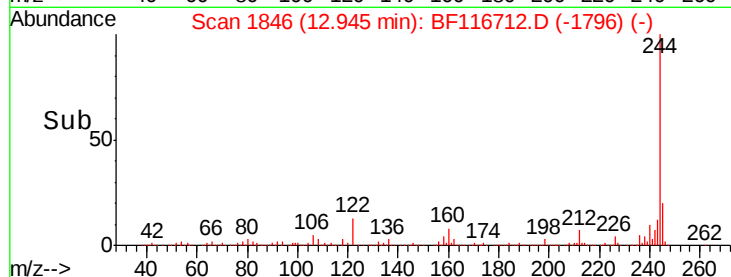
122 13.5 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.655 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

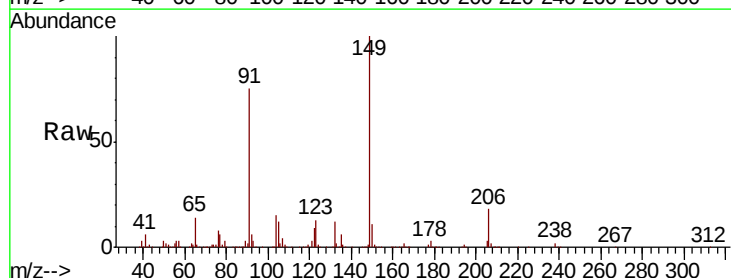
Tgt Ion:149 Resp: 450812

Ion Ratio Lower Upper

149 100

91 74.6 61.0 91.4

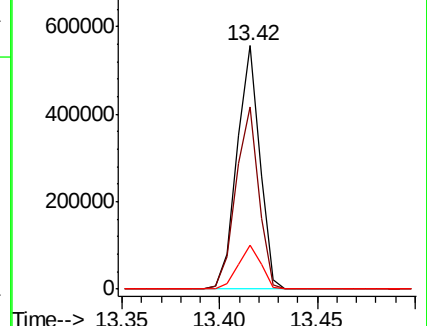
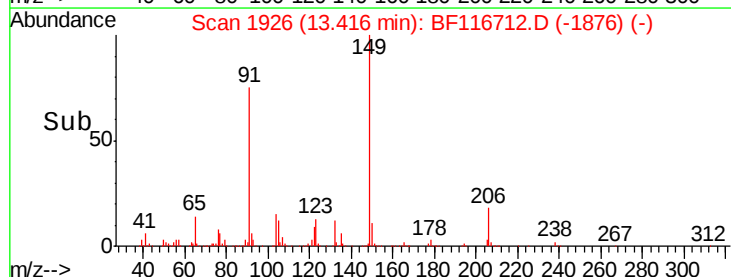
206 18.3 14.8 22.2

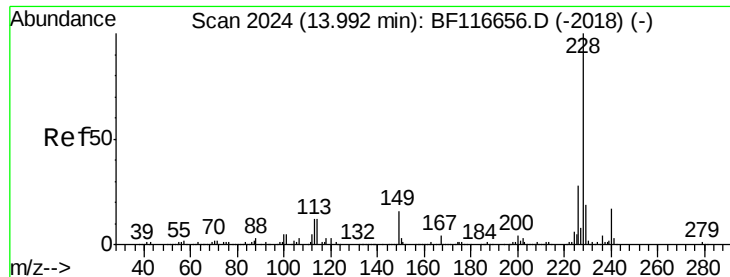


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.288 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

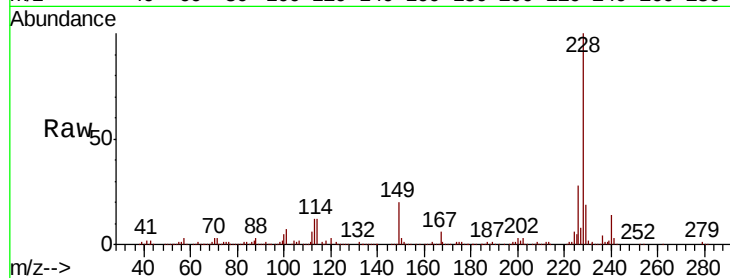
Tot Ion:228 Resp: 638349

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

229 19.4 16.4 24.6

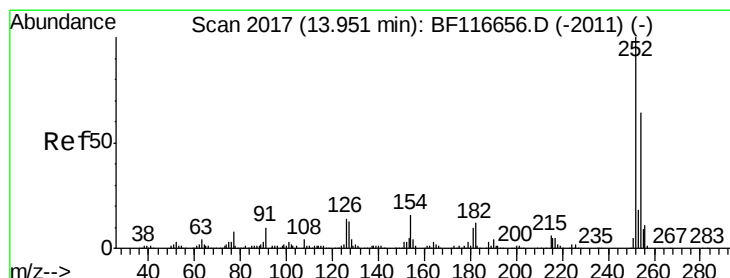
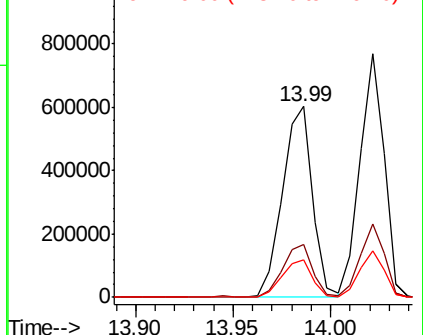
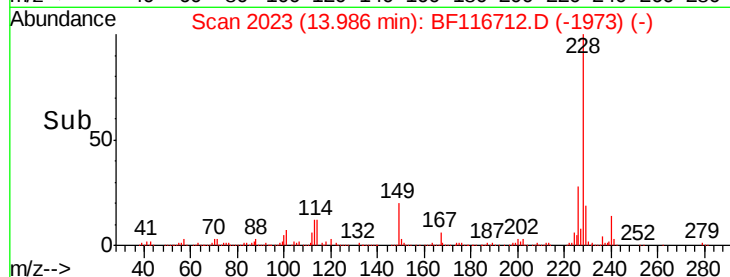


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.978 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

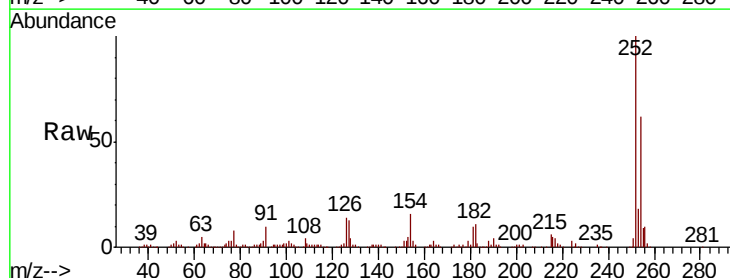
Tgt Ion:252 Resp: 224776

Ion Ratio Lower Upper

252 100

254 62.0 50.1 75.1

126 14.0 10.6 16.0

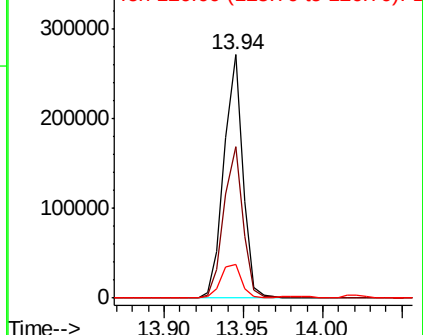
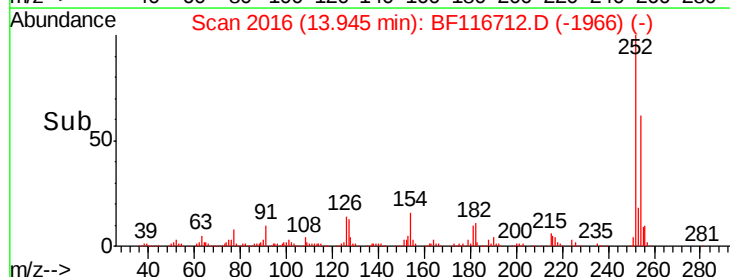


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

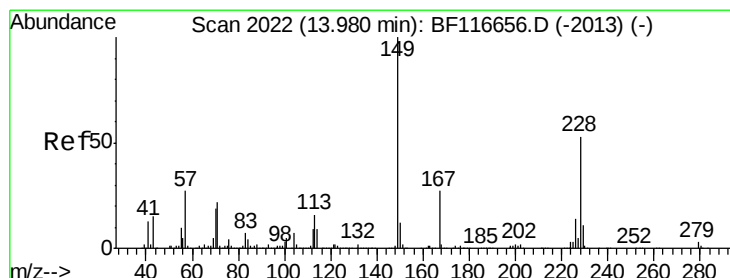
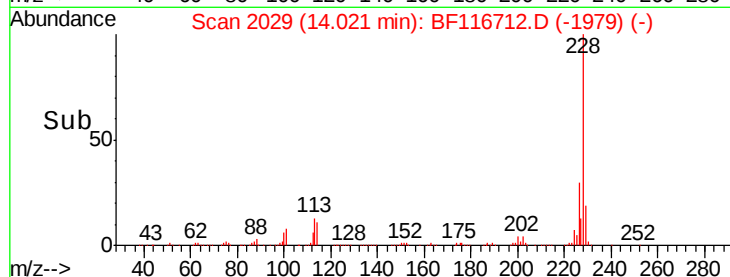
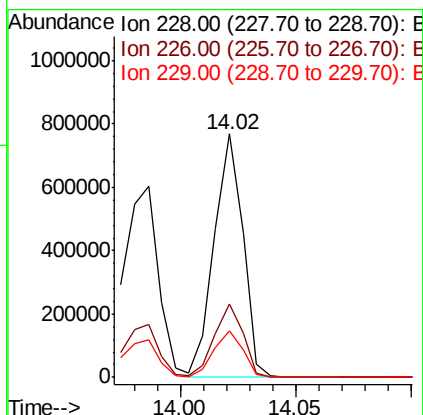
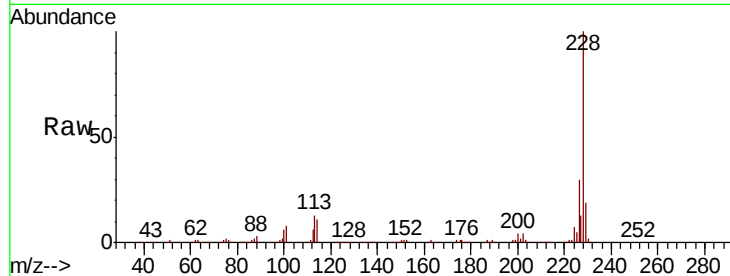




#83
 Chrvsene
 Concen: 40.394 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

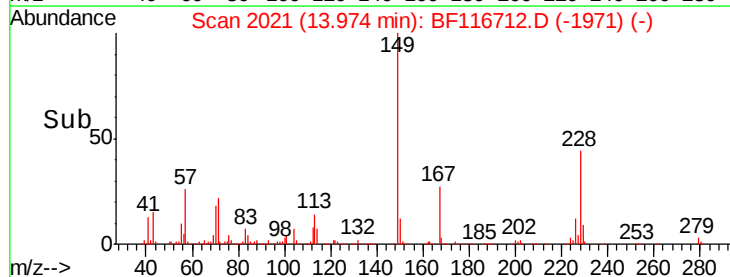
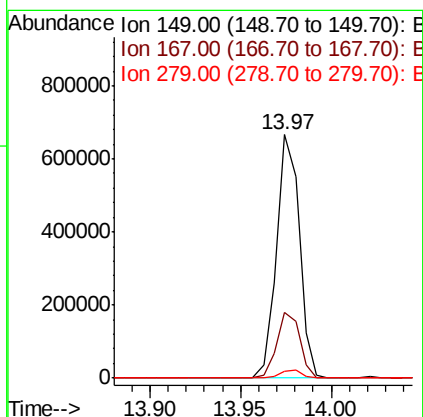
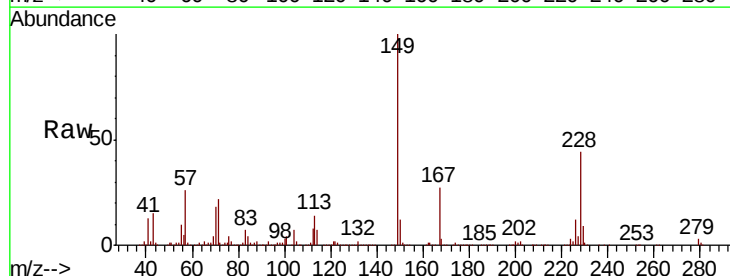
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

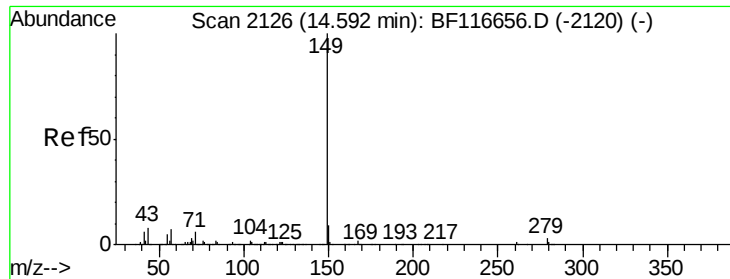
Tot Ion:228 Resp: 659389
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.0 36.0
 229 19.3 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.589 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116712.D
 Acq: 31 Aug 2019 22:56

Tgt Ion:149 Resp: 582322
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 2.9 2.8 4.2

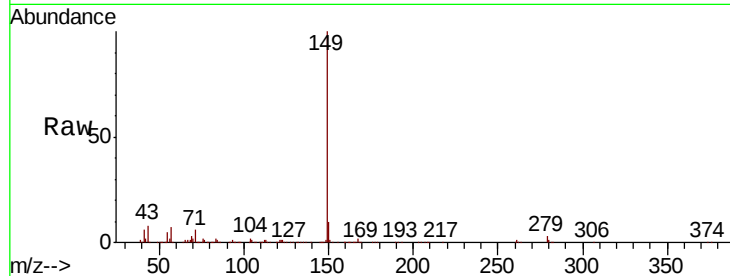




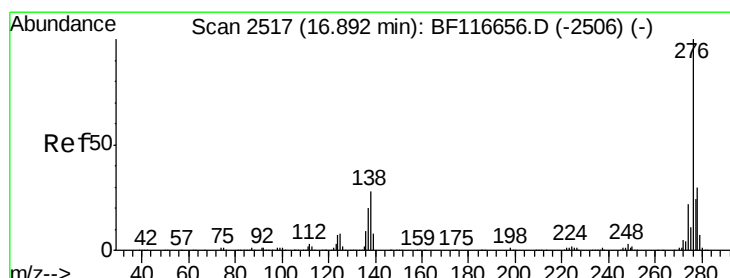
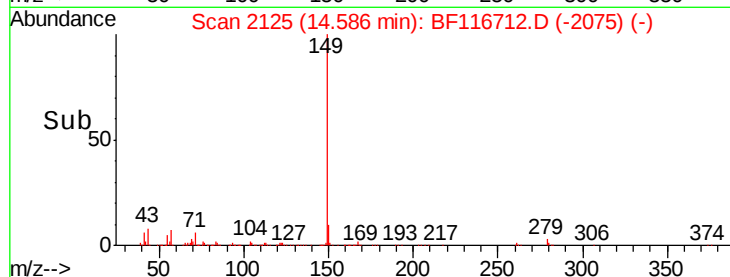
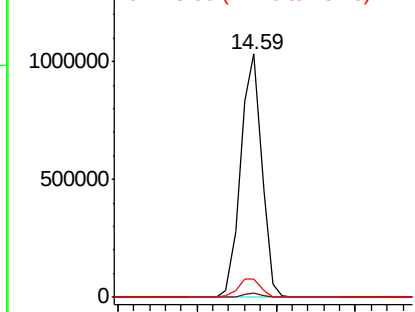
#85
Di-n-octyl phthalate
Concen: 43.560 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 952312
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 7.8 11.8

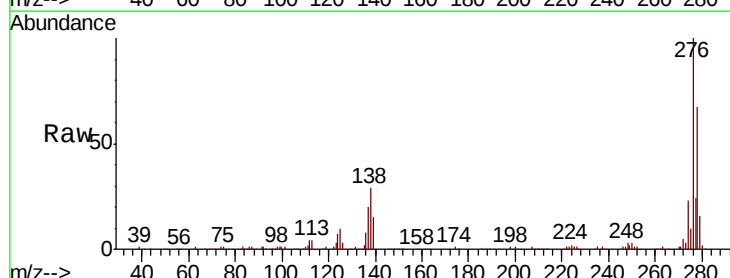


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

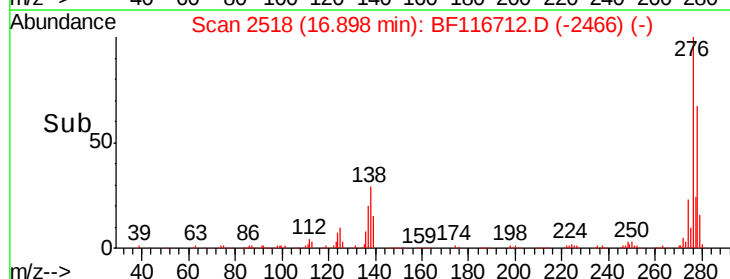
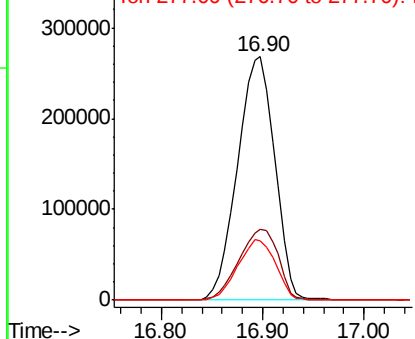


#86
Indeno(1,2,3-cd)pyrene
Concen: 52.263 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:276 Resp: 685260
Ion Ratio Lower Upper
276 100
138 31.0 19.4 29.2#
277 25.1 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

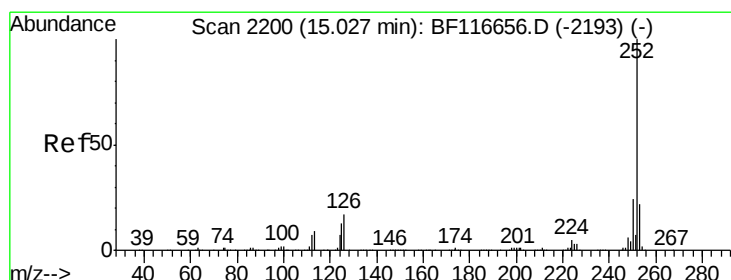
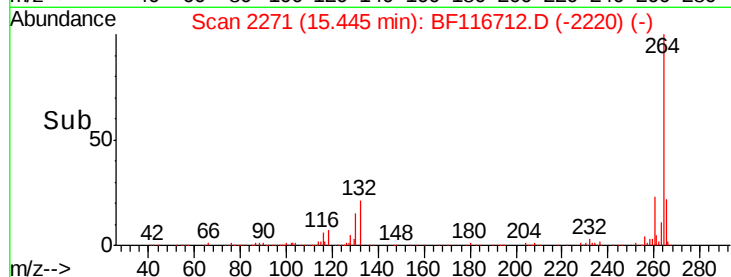
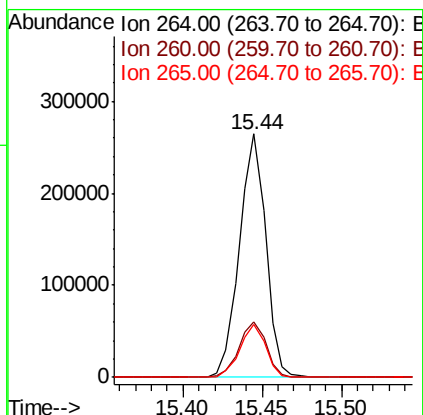
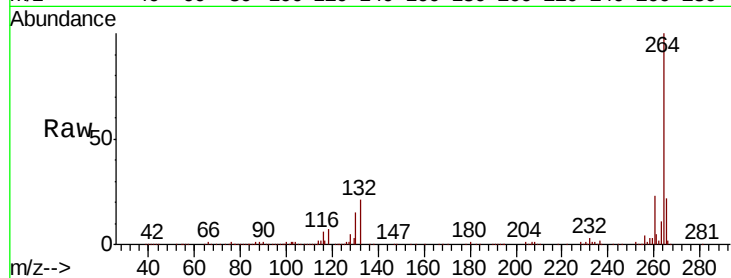




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

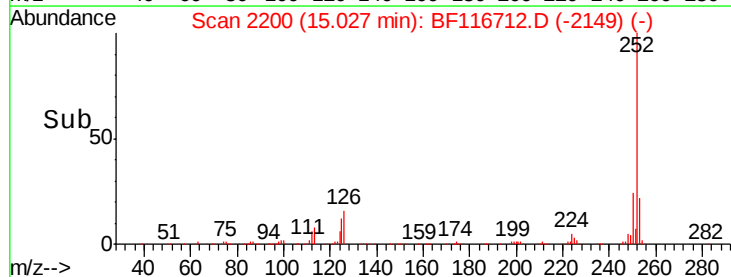
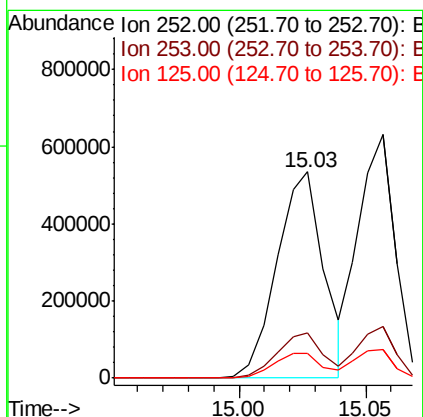
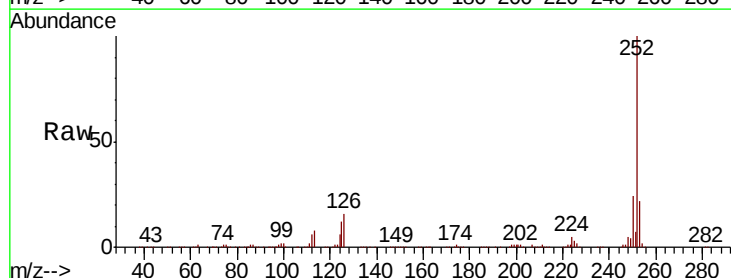
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 305226
Ion Ratio Lower Upper
264 100
260 22.7 18.3 27.5
265 21.9 16.5 24.7



#88
Benzo(b)fluoranthene
Concen: 37.412 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:252 Resp: 690374
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.8 8.2 12.2

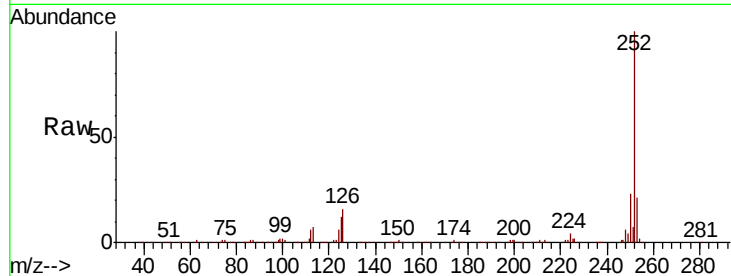




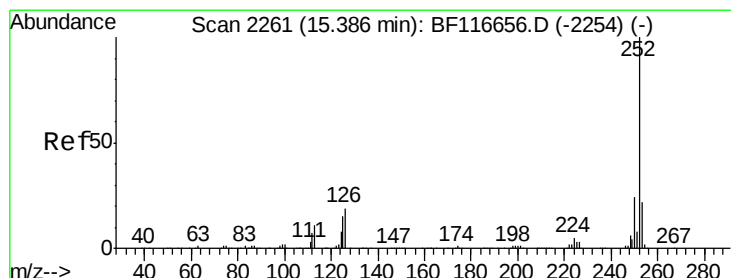
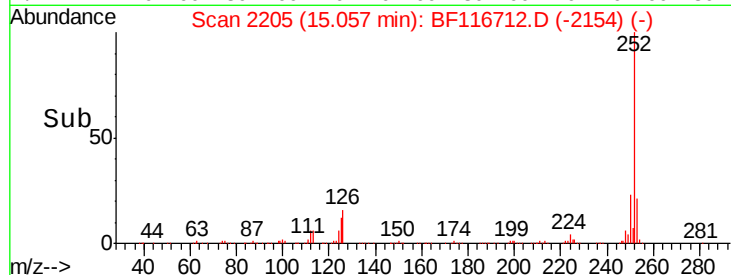
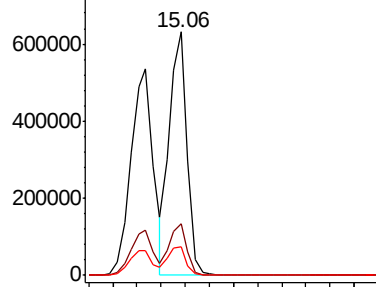
#89
Benzo(k)fluoranthene
Concen: 38.160 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 642056
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.6 8.6 13.0

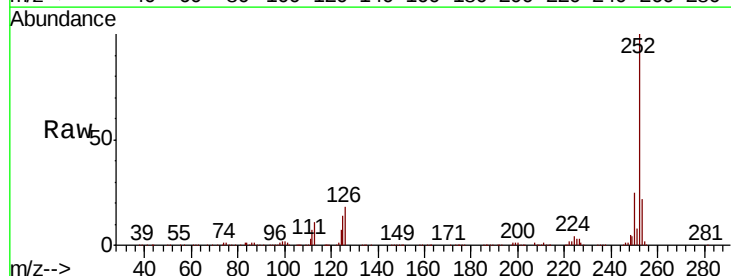


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

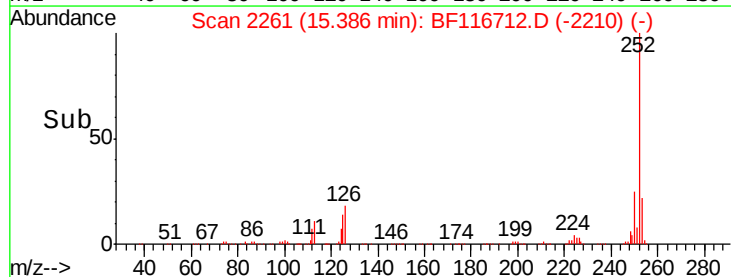
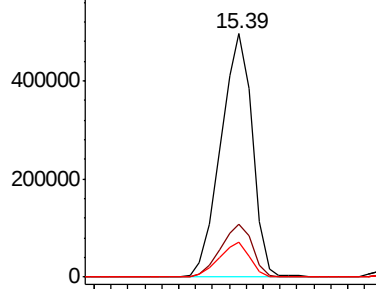


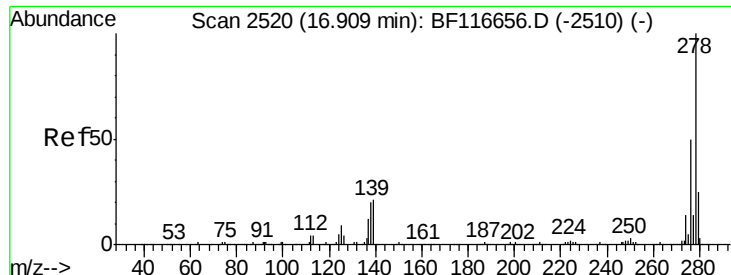
#90
Benzo(a)pyrene
Concen: 40.309 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116712.D
Acq: 31 Aug 2019 22:56

Tgt Ion:252 Resp: 647158
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 14.3 9.8 14.8



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





#91

Dibenzo(a,h)anthracene

Concen: 40.350 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

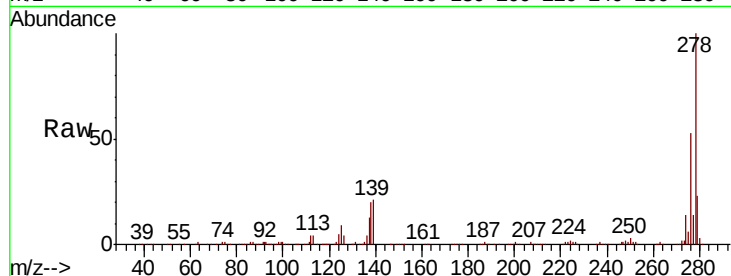
Tot Ion:278 Resp: 567027

Ion Ratio Lower Upper

278 100

139 20.9 12.4 18.6#

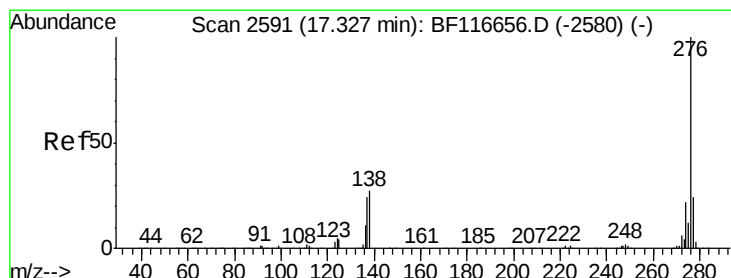
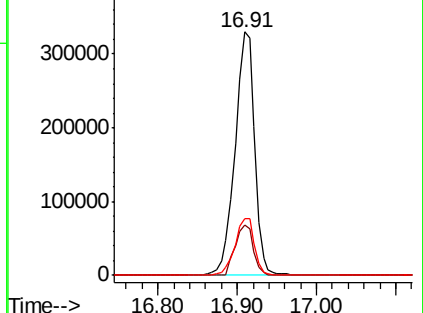
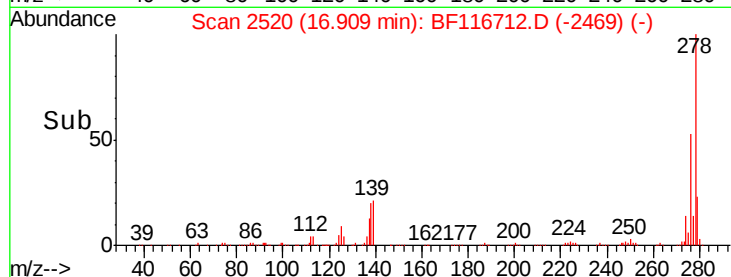
279 23.5 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.963 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BF116712.D

Acq: 31 Aug 2019 22:56

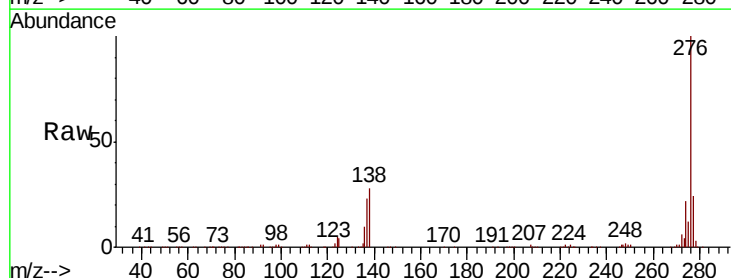
Tgt Ion:276 Resp: 515419

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 27.9 16.2 24.2#



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

