

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116163.D
 Acq On : 10 Aug 2019 23:04
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 10 23:33:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130086	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	514405	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	252472	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	361468	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	262241	20.00	ng	0.00
87) Perylene-d12	15.47	264	263201	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	679193	87.40	ng	0.00
7) Phenol-d6	6.48	99	821042	83.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	735704	82.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	173014	70.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1206524	89.51	ng	-0.01
79) Terphenyl-d14	12.94	244	1060228	85.19	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	164130	41.810	ng	99
3) Pyridine	3.33	79	423176	38.590	ng	99
4) n-Nitrosodimethylamine	3.28	42	155212	35.866	ng	100
6) Aniline	6.50	93	550650	39.218	ng	95
8) 2-Chlorophenol	6.63	128	375069	43.649	ng	96
9) Benzaldehyde	6.39	77	267245	39.506	ng	99
10) Phenol	6.49	94	477077	41.322	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	358160	42.195	ng	99
12) 1,3-Dichlorobenzene	6.78	146	417916	42.083	ng	99
13) 1,4-Dichlorobenzene	6.86	146	421860	42.427	ng	98
14) 1,2-Dichlorobenzene	7.01	146	386584	42.224	ng	98
15) Benzyl Alcohol	6.99	79	301721	40.552	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	487319	42.090	ng	99
17) 2-Methylphenol	7.10	107	301786	41.477	ng	99
18) Hexachloroethane	7.35	117	142385	38.894	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	251083	41.328	ng	99
20) 3+4-Methylphenols	7.25	107	370344	43.012	ng	# 89
22) Acetophenone	7.25	105	481272	42.660	ng	99
24) Nitrobenzene	7.42	77	408686	42.472	ng	99
25) Isophorone	7.66	82	724355	42.508	ng	100
26) 2-Nitrophenol	7.74	139	181926	40.109	ng	98
27) 2,4-Dimethylphenol	7.77	122	287470	42.126	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	462398	43.780	ng	99
29) 2,4-Dichlorophenol	7.99	162	312146	43.322	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	346592	42.198	ng	100
31) Naphthalene	8.14	128	1030106	42.554	ng	99
32) Benzoic acid	7.95	122	33822	7.030	ng	96
33) 4-Chloroaniline	8.19	127	453160	41.898	ng	99
34) Hexachlorobutadiene	8.26	225	202143	42.728	ng	100
35) Caprolactam	8.57	113	86316	37.039	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	311965	41.618	ng	96
37) 2-Methylnaphthalene	8.83	142	665193	41.725	ng	99
38) 1-Methylnaphthalene	8.93	142	627454	41.603	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308443	45.698	ng	99

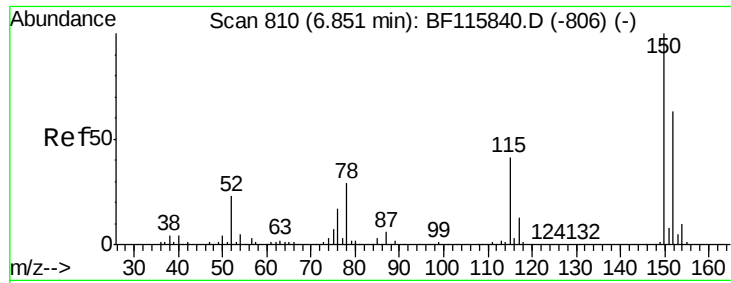
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	18730	11.645	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	187160	40.285	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	191567	39.890	ng	99
46) 1,1'-Biphenyl	9.29	154	801691	44.977	ng	99
47) 2-Chloronaphthalene	9.32	162	632911	42.663	ng	100
48) 2-Nitroaniline	9.42	65	207397	42.295	ng	95
49) Acenaphthylene	9.73	152	929834	42.962	ng	98
50) Dimethylphthalate	9.59	163	756080	43.982	ng	100
51) 2,6-Dinitrotoluene	9.66	165	157138	42.063	ng	97
52) Acenaphthene	9.91	154	554497	41.761	ng	99
53) 3-Nitroaniline	9.83	138	188726	40.885	ng	98
54) 2,4-Dinitrophenol	9.98	184	5913	10.621	ng	98
55) Dibenzofuran	10.08	168	795671	41.207	ng	99
56) 4-Nitrophenol	10.01	139	91185	30.837	ng	96
57) 2,4-Dinitrotoluene	10.07	165	186157	37.427	ng	97
58) Fluorene	10.42	166	619094	41.673	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	136964	33.899	ng	98
60) Diethylphthalate	10.29	149	714438	44.515	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	326301	43.369	ng	99
62) 4-Nitroaniline	10.45	138	180195	37.773	ng	97
63) Azobenzene	10.57	77	687798	41.665	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	16211	8.463	ng	95
66) n-Nitrosodiphenylamine	10.53	169	548029	50.371	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	187180	48.373	ng	97
68) Hexachlorobenzene	10.97	284	200267	44.758	ng	97
69) Atrazine	11.05	200	126689	35.395	ng	100
70) Pentachlorophenol	11.17	266	62441	28.744	ng	99
71) Phenanthrene	11.39	178	810816	43.878	ng	99
72) Anthracene	11.44	178	824659	44.096	ng	99
73) Carbazole	11.59	167	741913	43.727	ng	98
74) Di-n-butylphthalate	11.92	149	1005431	50.798	ng	98
75) Fluoranthene	12.57	202	777222	40.175	ng	99
77) Benzidine	12.69	184	368592	41.604	ng	98
78) Pyrene	12.80	202	797186	40.327	ng	99
80) Butylbenzylphthalate	13.41	149	370202	44.272	ng	98
81) Benzo(a)anthracene	13.99	228	717301	42.795	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	259432	44.551	ng	99
83) Chrysene	14.03	228	704467	43.291	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	543971	50.060	ng	99
85) Di-n-octyl phthalate	14.57	149	900513	52.174	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	569208	41.647	ng	100
88) Benzo(b)fluoranthene	15.04	252	667458	43.858	ng	99
89) Benzo(k)fluoranthene	15.07	252	607408	40.977	ng	99
90) Benzo(a)pyrene	15.41	252	570533	41.938	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	481483	40.887	ng	98
92) Benzo(g,h,i)perylene	17.39	276	438827	37.944	ng	98

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

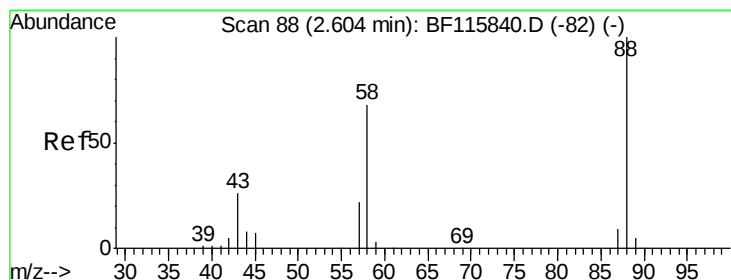
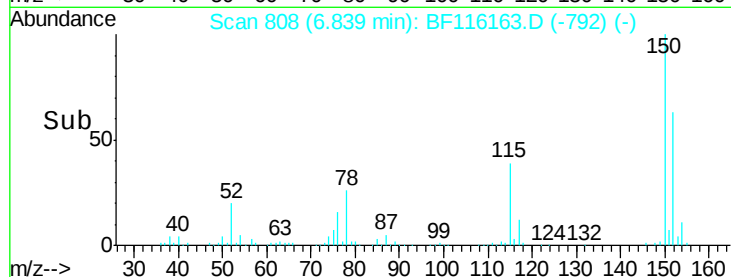
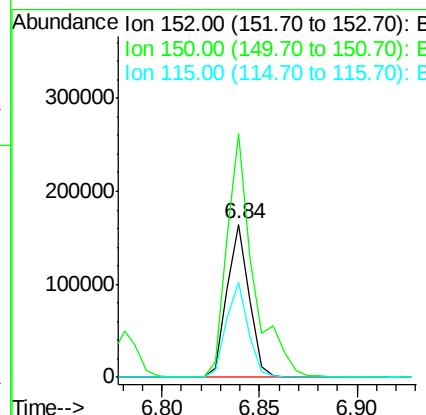
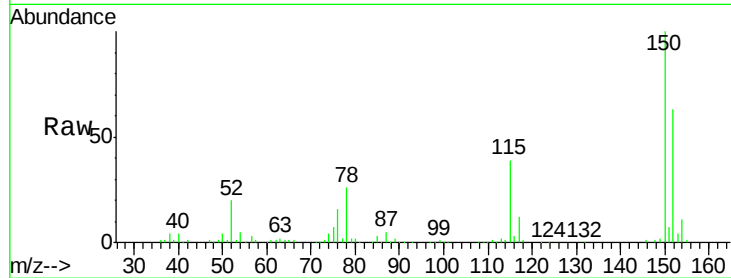


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

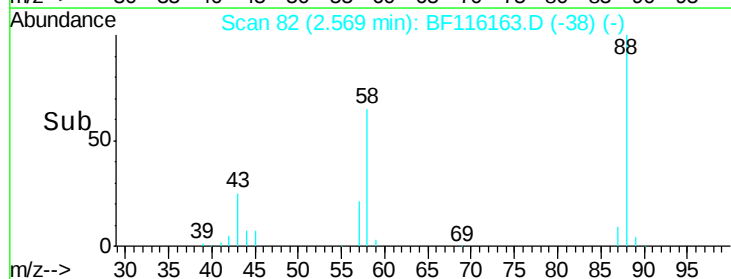
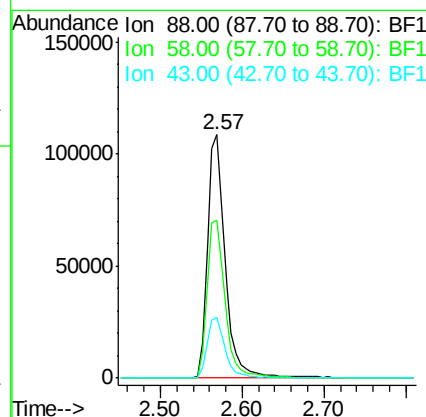
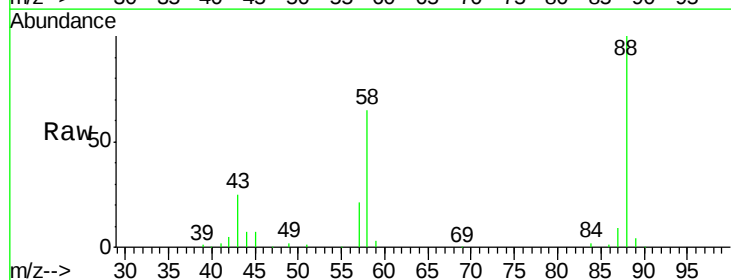
Tot Ion:152 Resp: 130086
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 62.4 49.9 74.9

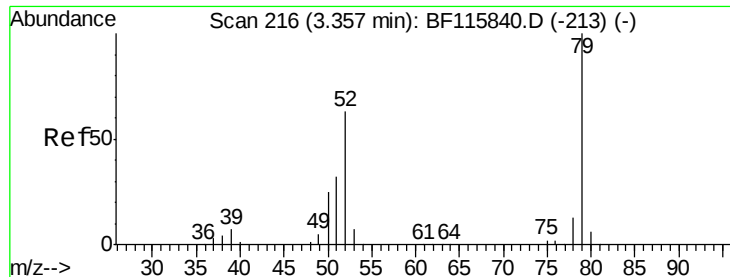


#2

1,4-Dioxane
Concen: 41.810 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion: 88 Resp: 164130
Ion Ratio Lower Upper
88 100
58 66.1 53.7 80.5
43 25.5 21.0 31.4





#3

Pvridine

Concen: 38.590 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.04 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

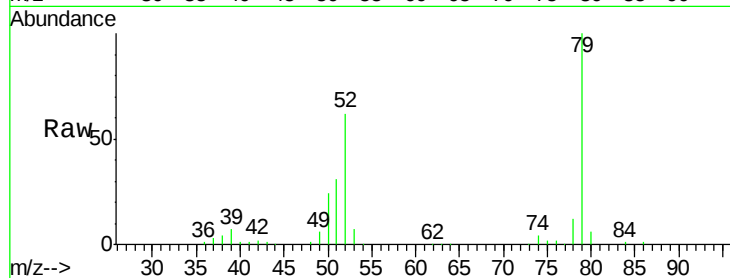
Tot Ion: 79 Resp: 423176

Ion Ratio Lower Upper

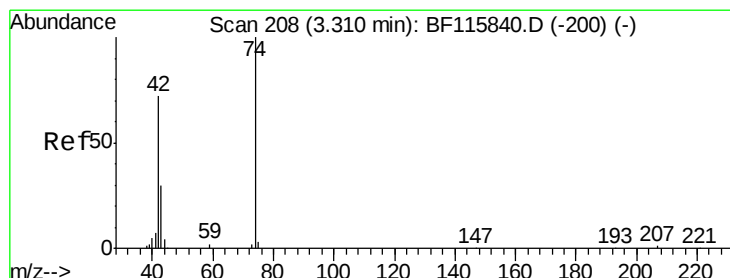
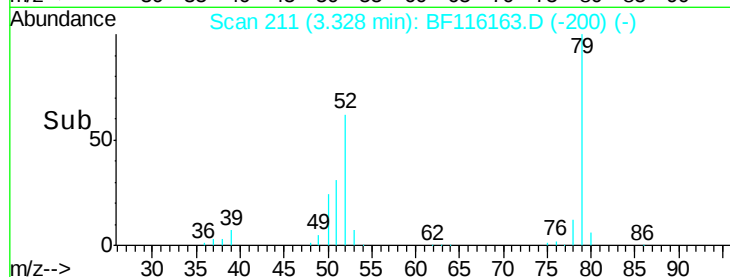
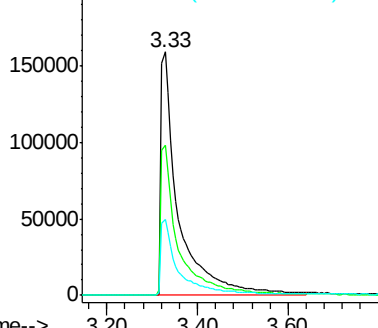
79 100

52 61.7 49.8 74.8

51 31.3 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 35.866 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.05 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

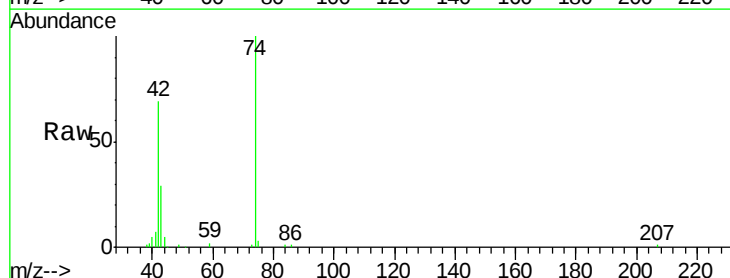
Tgt Ion: 42 Resp: 155212

Ion Ratio Lower Upper

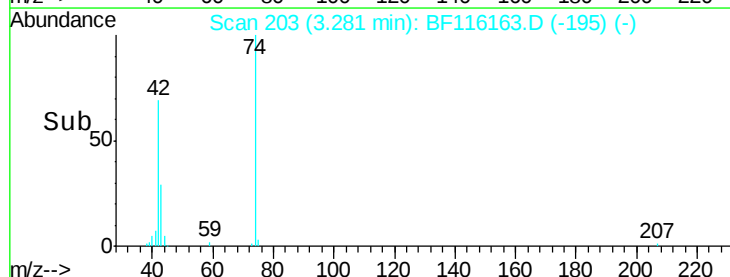
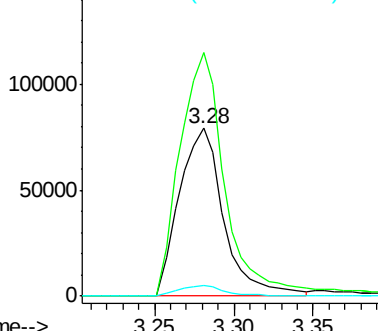
42 100

74 145.2 116.0 174.0

44 6.6 4.6 7.0



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





#5

2-Fluorophenol

Concen: 87.405 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

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ClientSampleId :

SSTDCCC040

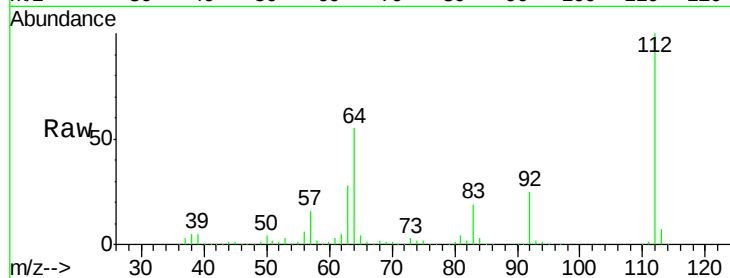
Tot Ion:112 Resp: 679193

Ion Ratio Lower Upper

112 100

64 55.4 45.4 68.2

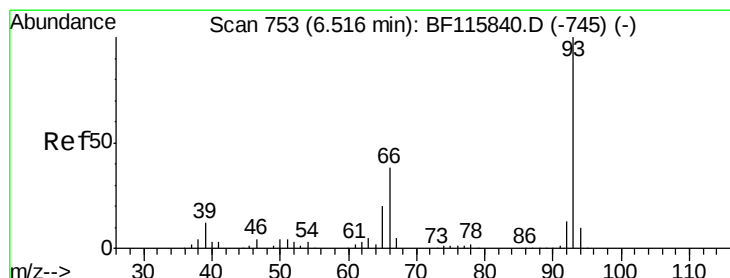
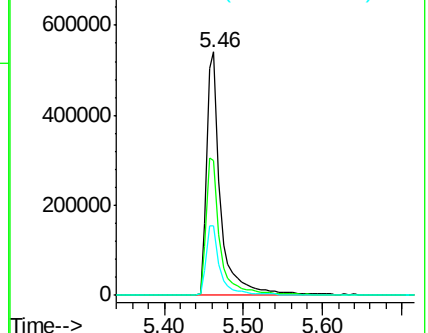
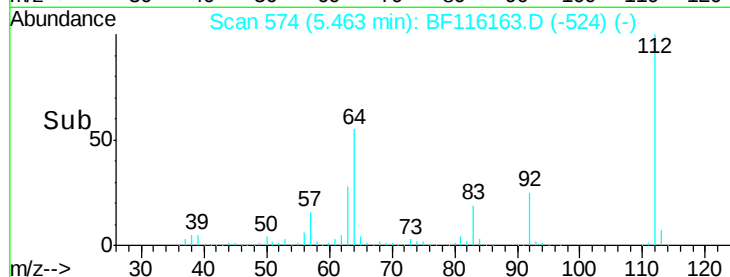
63 28.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.218 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

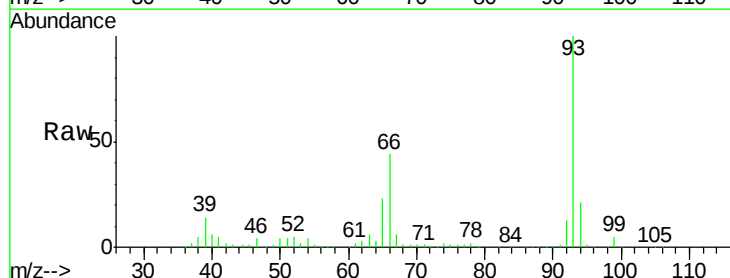
Tgt Ion: 93 Resp: 550650

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.4

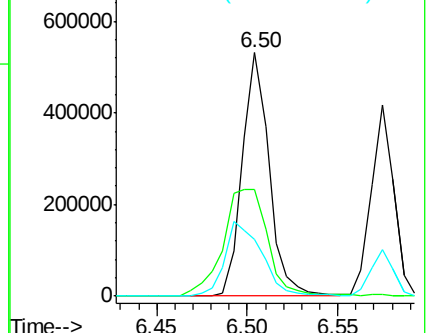
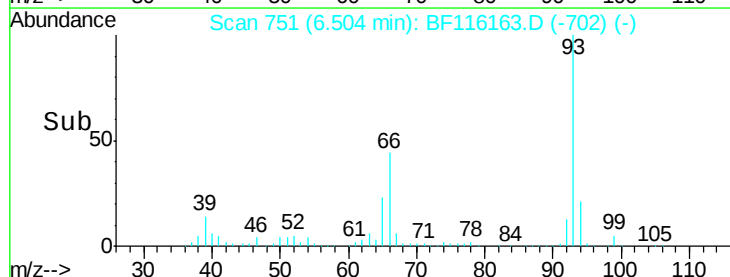
65 23.3 17.0 25.6



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: 83.745 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

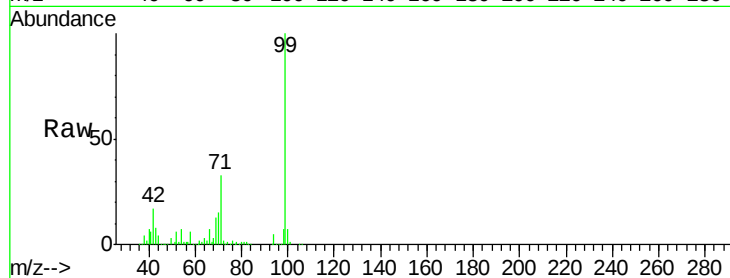
Tot Ion: 99 Resp: 821042

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

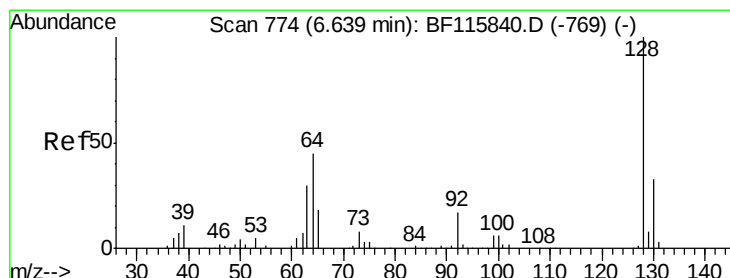
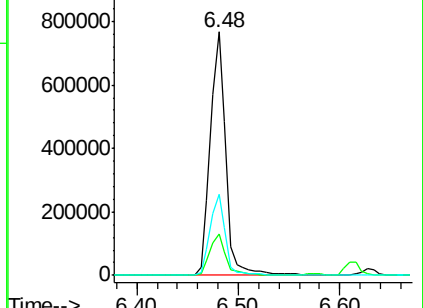
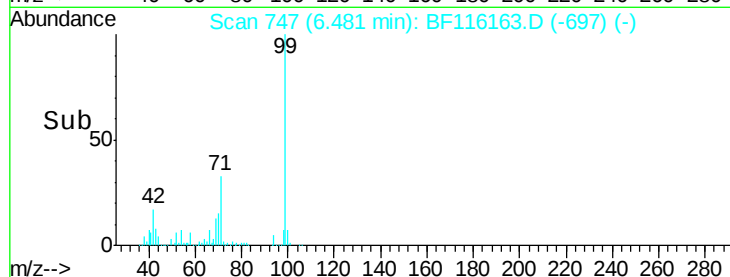
71 33.3 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.649 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

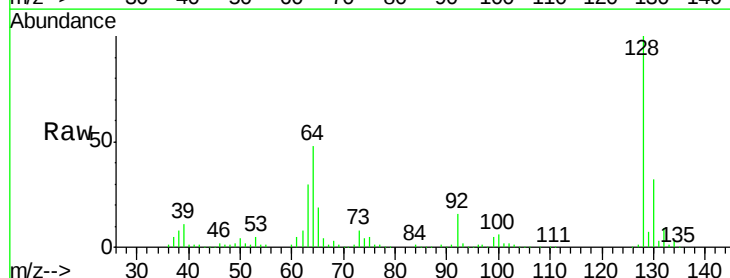
Tgt Ion: 128 Resp: 375069

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

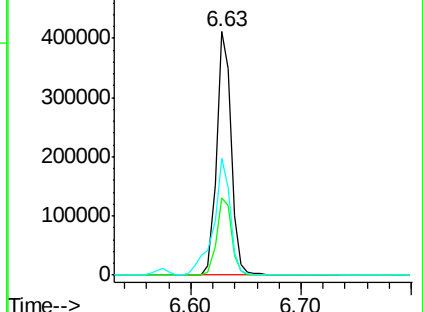
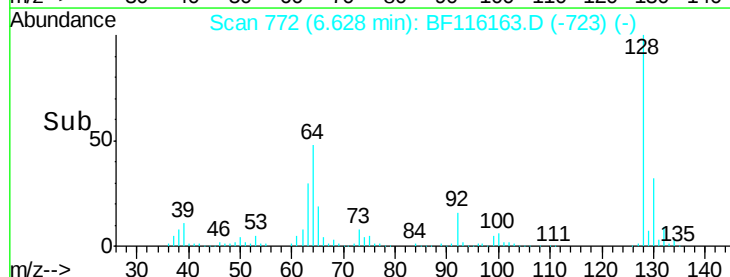
64 47.9 24.3 64.3

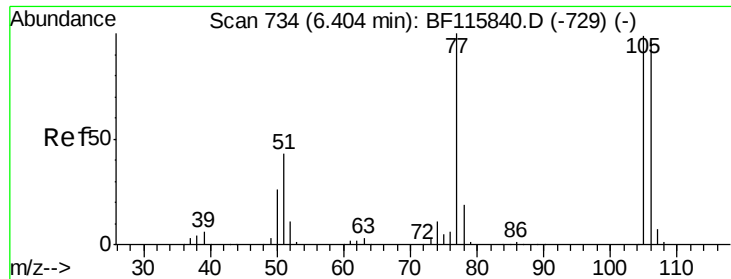


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

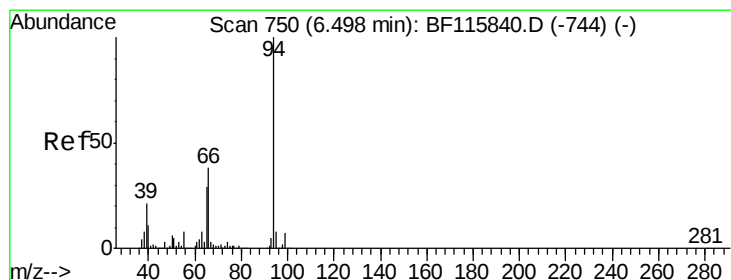
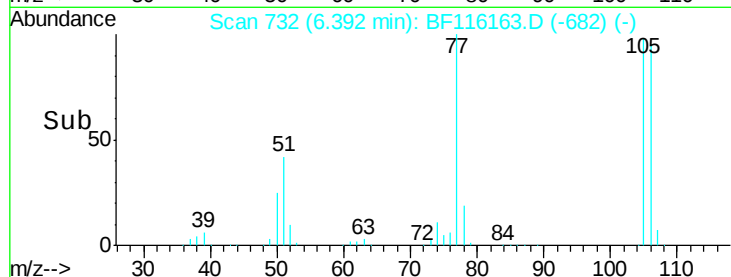
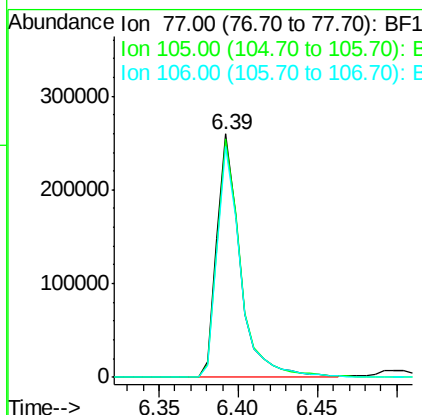
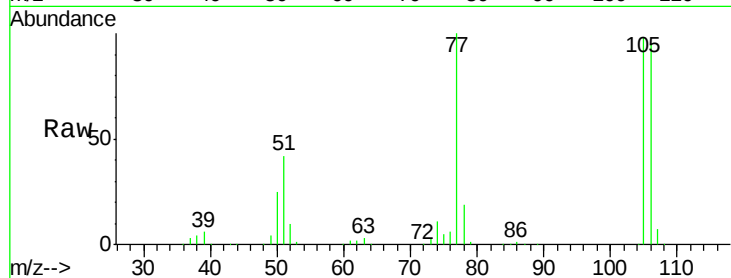




#9
Benzaldehyde
Concen: 39.506 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

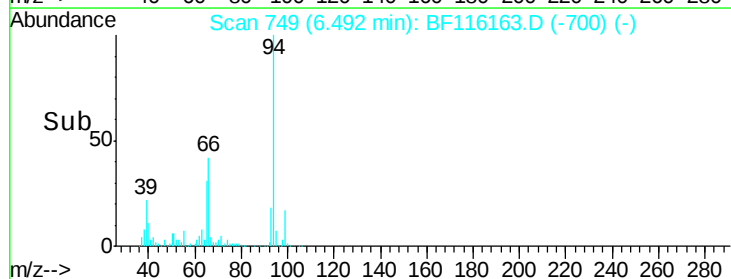
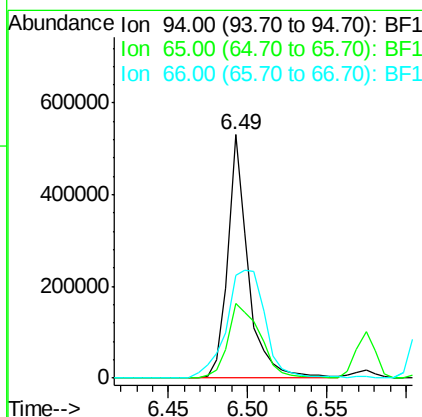
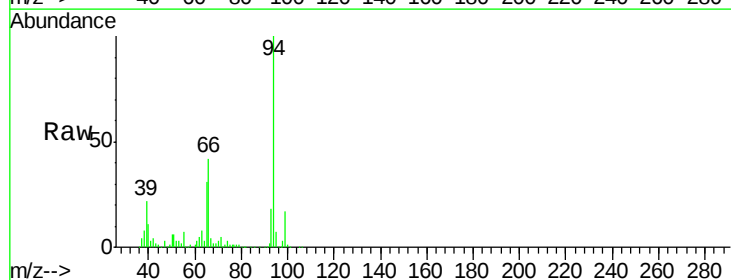
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 267245
Ion Ratio Lower Upper
77 100
105 98.2 79.2 119.2
106 94.7 74.3 114.3



#10
Phenol
Concen: 41.322 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion: 94 Resp: 477077
Ion Ratio Lower Upper
94 100
65 30.9 16.8 56.8
66 42.3 34.2 74.2

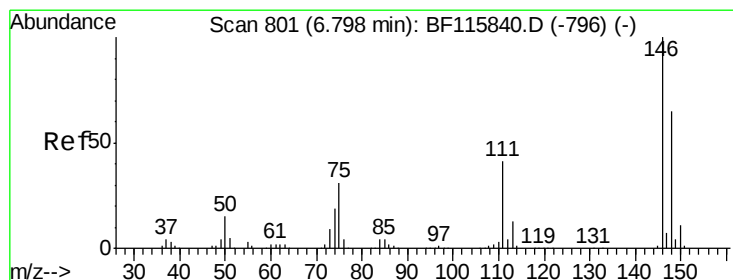
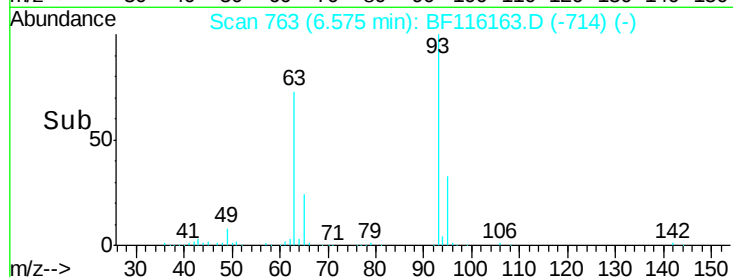
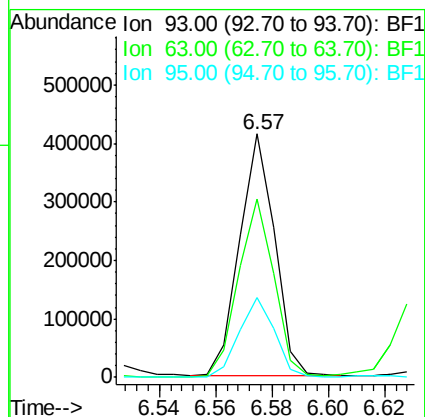
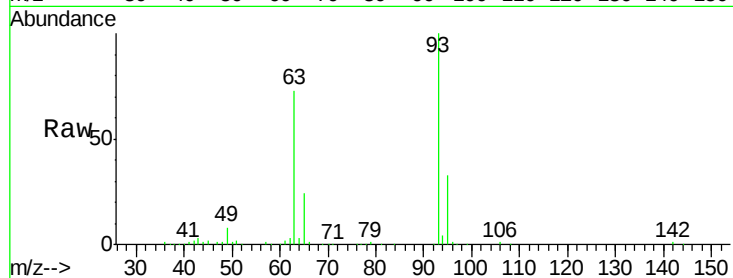




#11
bis(2-Chloroethyl)ether
Concen: 42.195 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

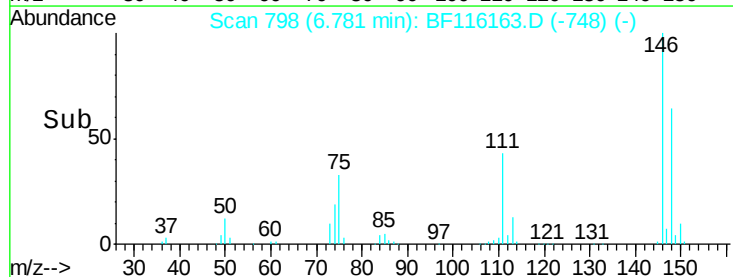
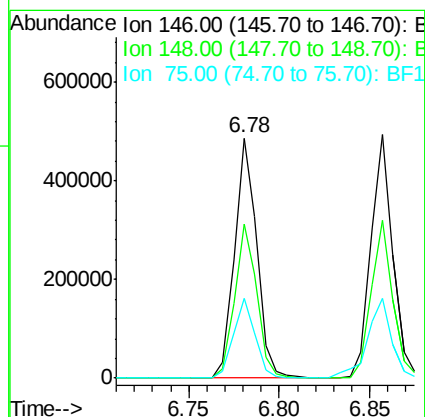
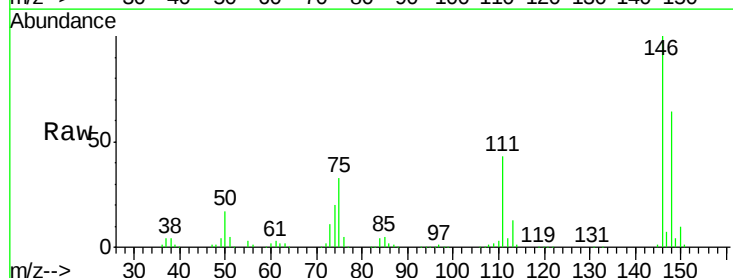
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

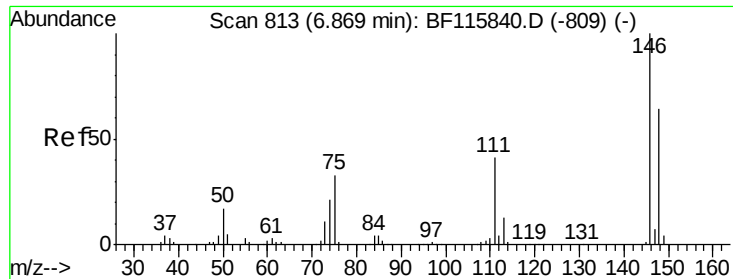
Tot Ion: 93 Resp: 358160
Ion Ratio Lower Upper
93 100
63 73.4 51.9 91.9
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 42.083 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion: 146 Resp: 417916
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 33.2 27.4 41.2

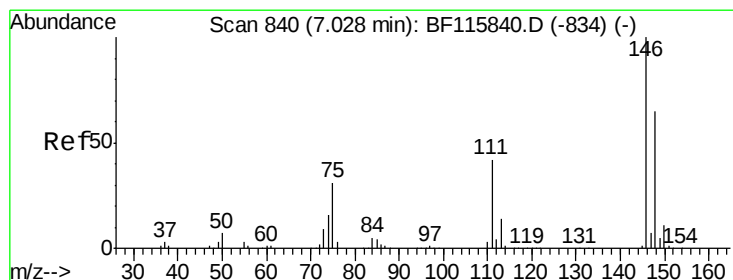
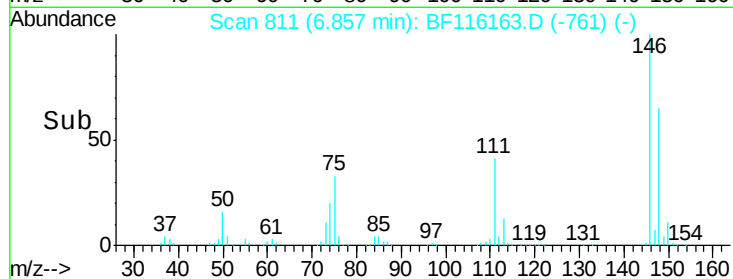
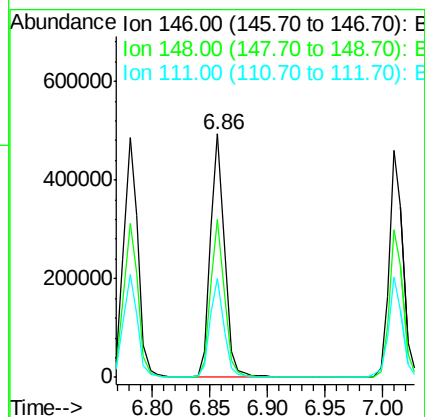
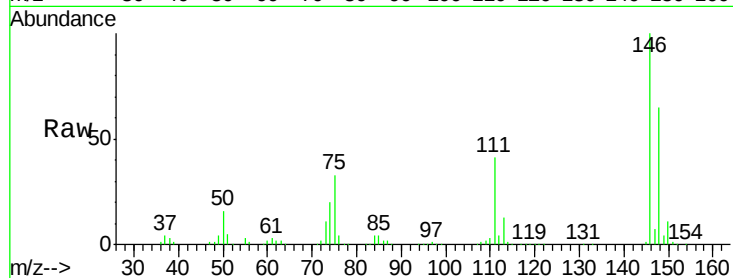




#13
 1,4-Dichlorobenzene
 Concen: 42.427 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

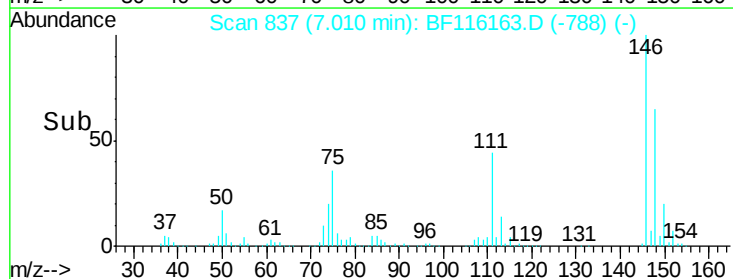
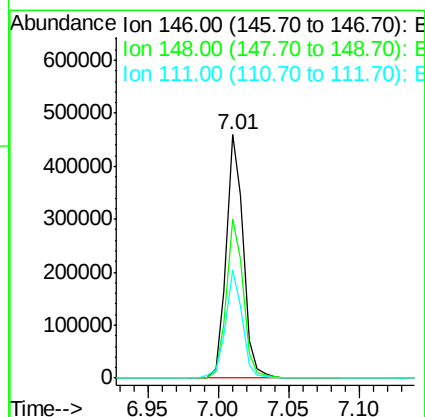
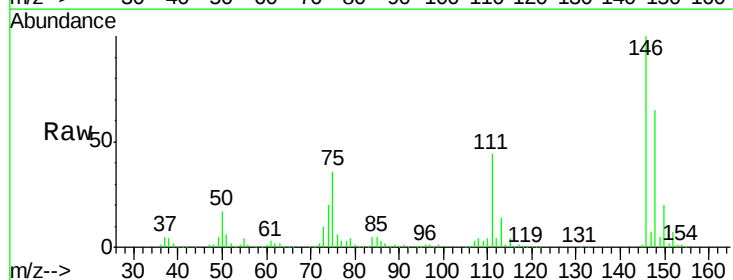
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

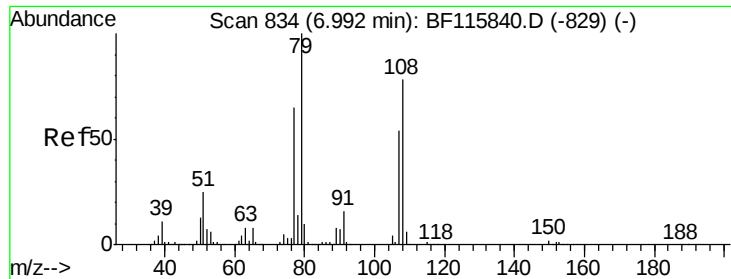
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.3	76.9
111	40.7	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.224 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	44.2	33.5	50.3





#15

Benzyl Alcohol

Concen: 40.552 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

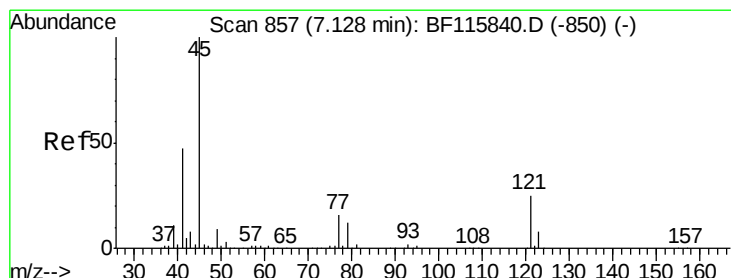
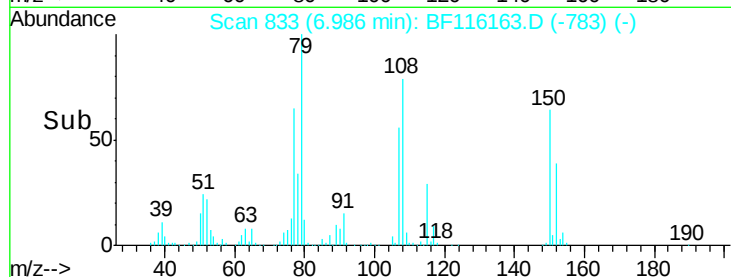
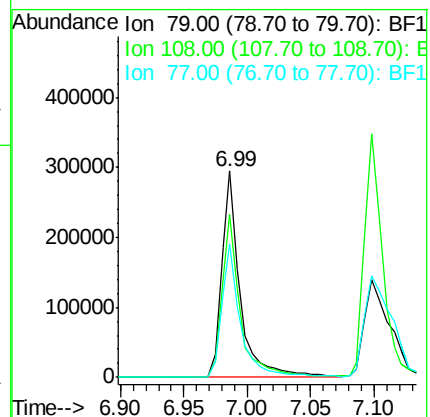
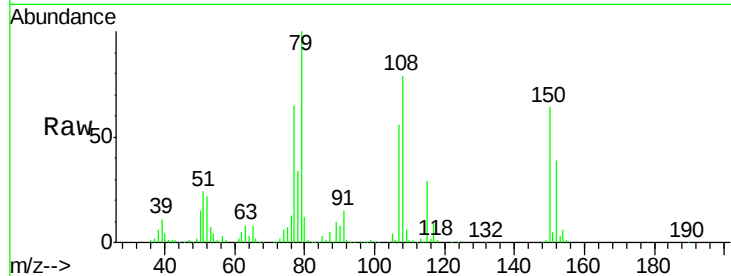
Tot Ion: 79 Resp: 301721

Ion Ratio Lower Upper

79 100

108 79.3 62.7 94.1

77 64.7 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.090 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

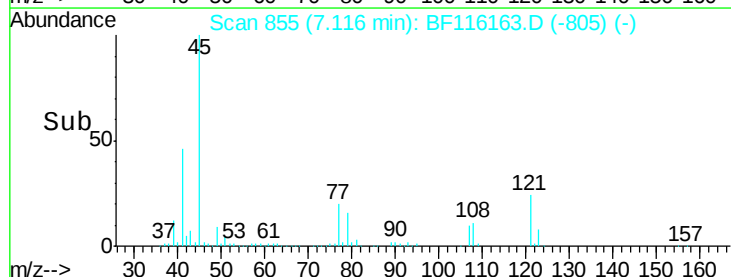
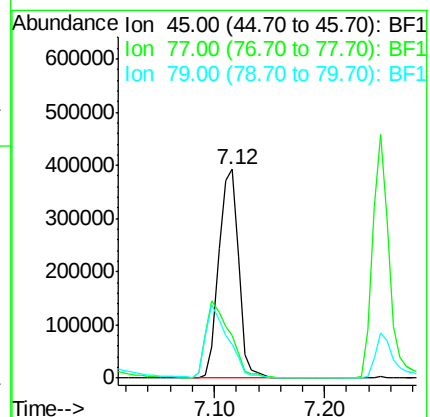
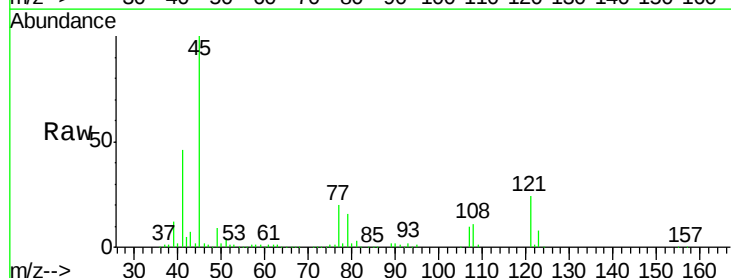
Tgt Ion: 45 Resp: 487319

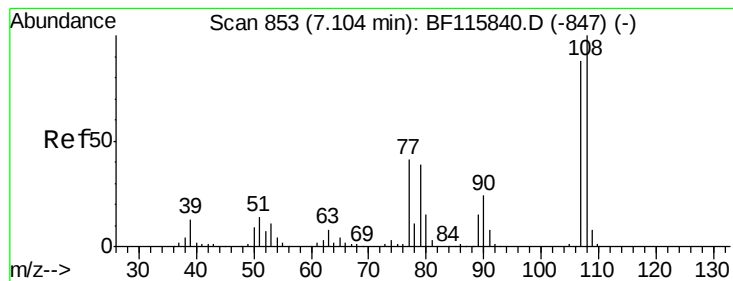
Ion Ratio Lower Upper

45 100

77 20.3 0.0 40.0

79 16.4 0.0 35.9

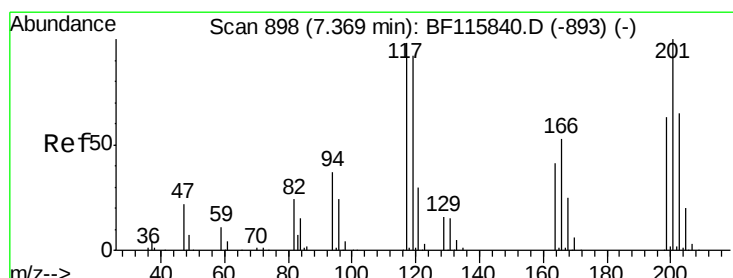
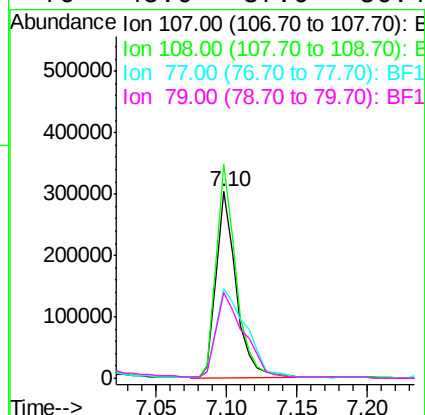
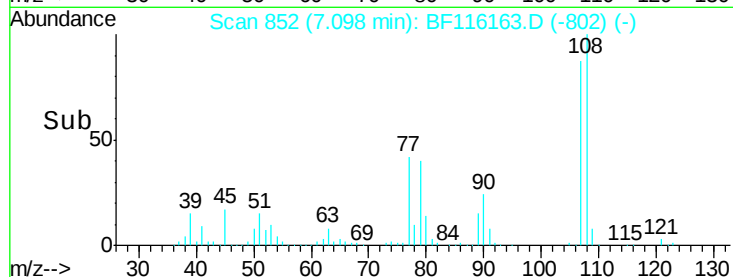
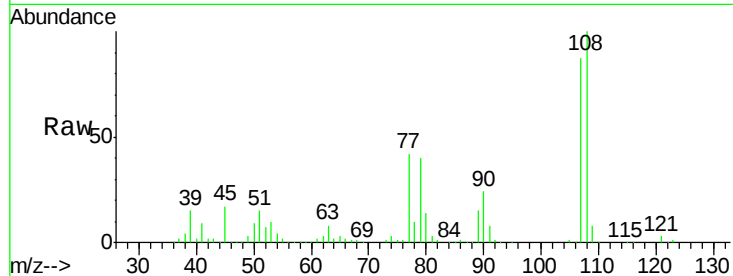




#17
2-Methylphenol
Concen: 41.477 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

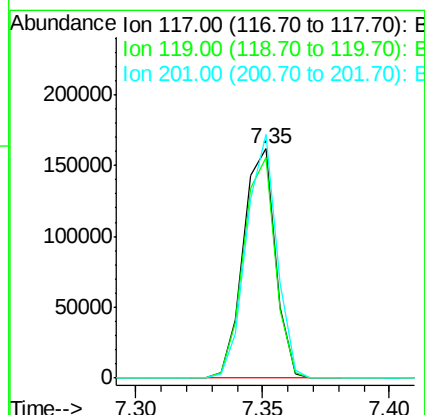
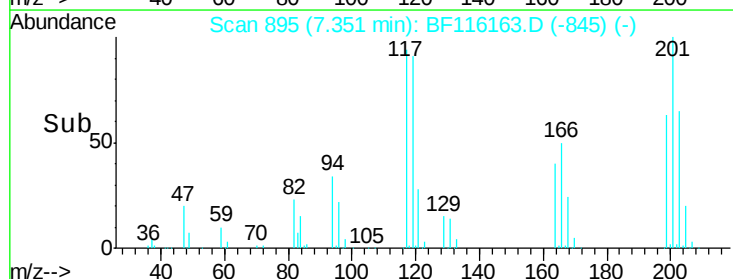
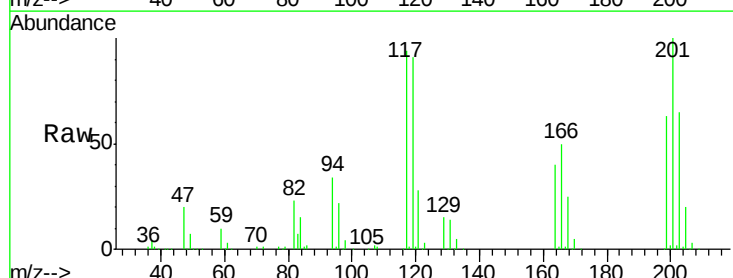
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

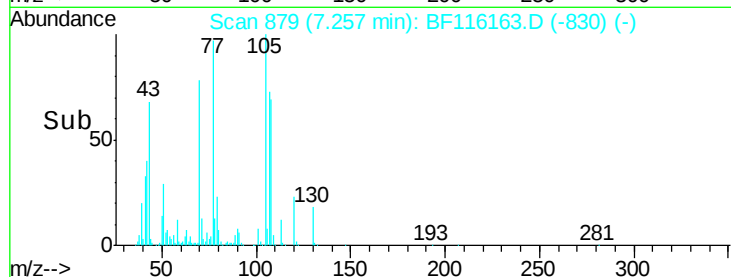
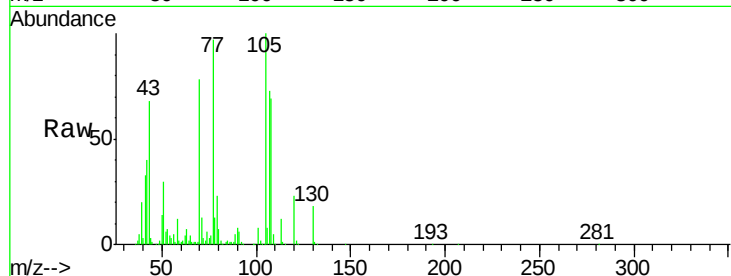
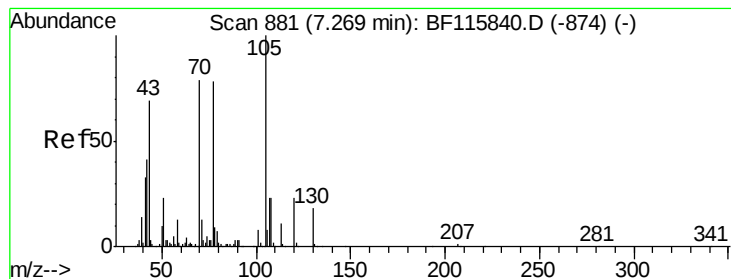
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.2	136.8
77	48.0	40.3	60.5
79	45.6	37.6	56.4



#18
Hexachloroethane
Concen: 38.894 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.1	114.1
201	106.2	77.0	115.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.328 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 251083

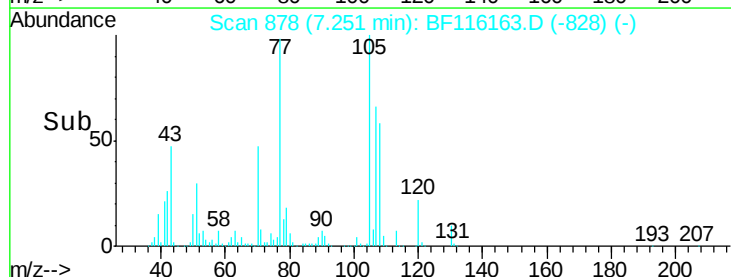
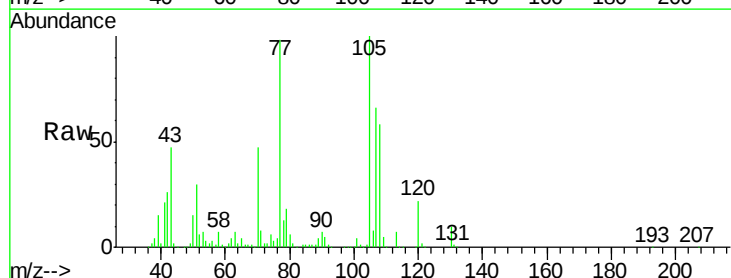
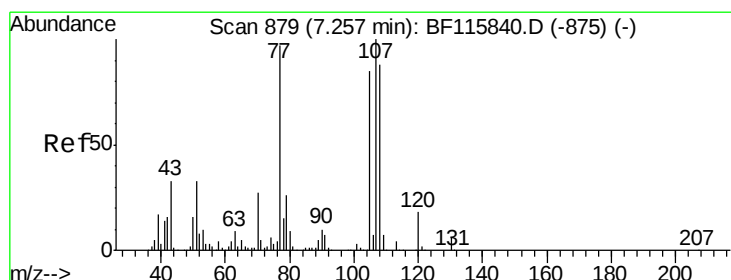
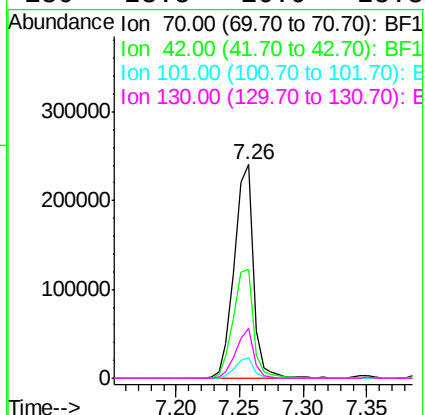
Ion Ratio Lower Upper

70 100

42 50.9 40.9 61.3

101 9.9 7.9 11.9

130 23.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.012 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Tgt Ion:107 Resp: 370344

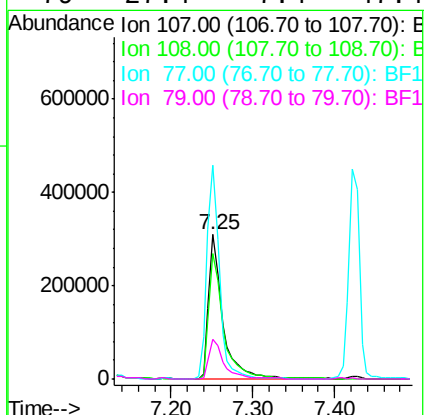
Ion Ratio Lower Upper

107 100

108 86.9 67.6 107.6

77 147.7 104.4 144.4#

79 27.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 514405

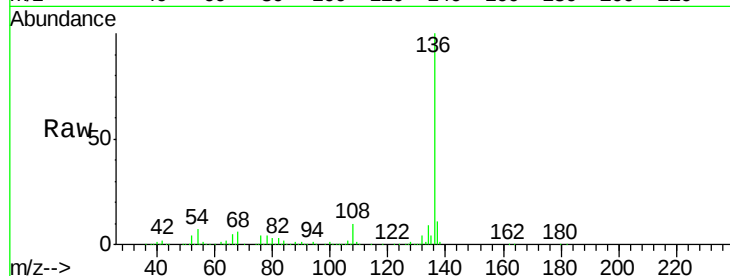
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 5.8 8.6

68 6.0 5.2 7.8

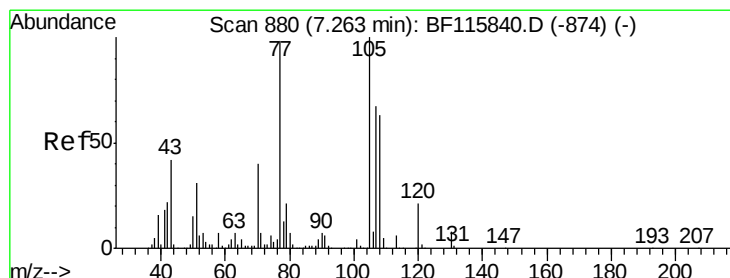
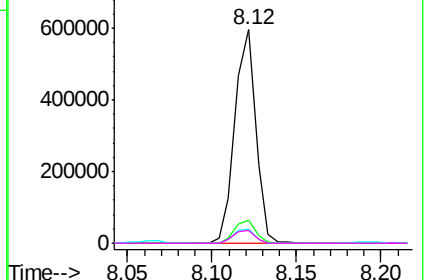
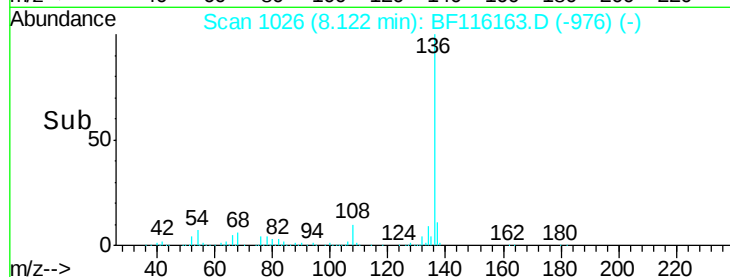


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.660 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Tgt Ion:105 Resp: 481272

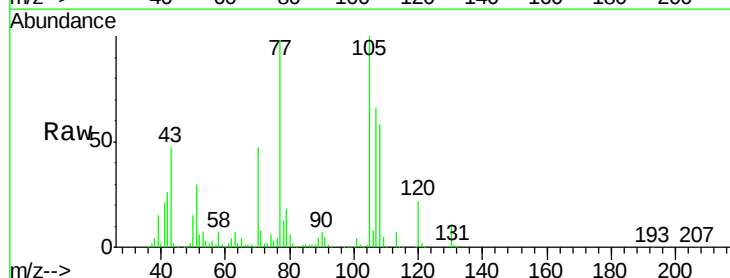
Ion Ratio Lower Upper

105 100

71 8.0 5.9 8.9

51 30.3 25.3 37.9

120 22.4 17.9 26.9

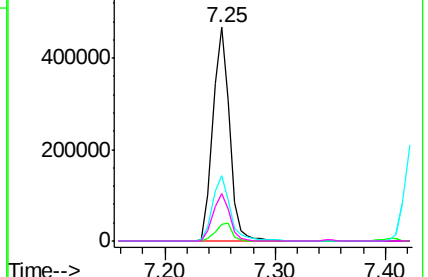
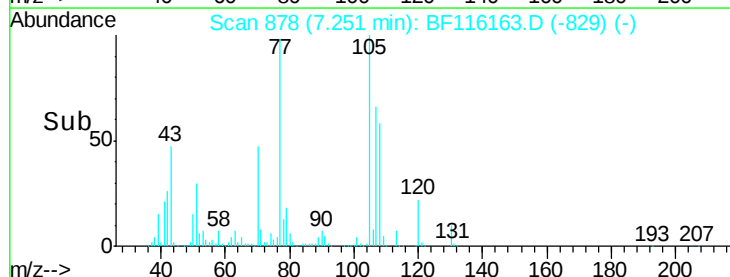


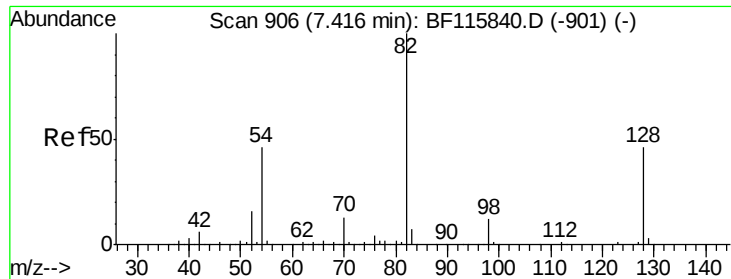
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

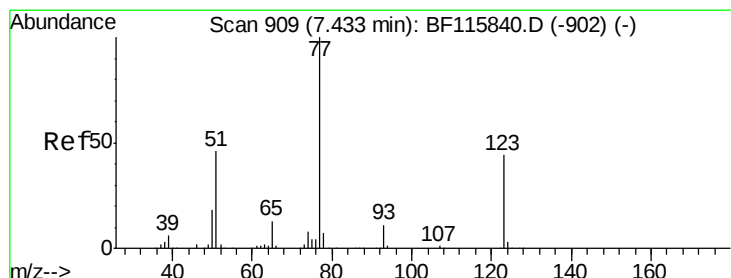
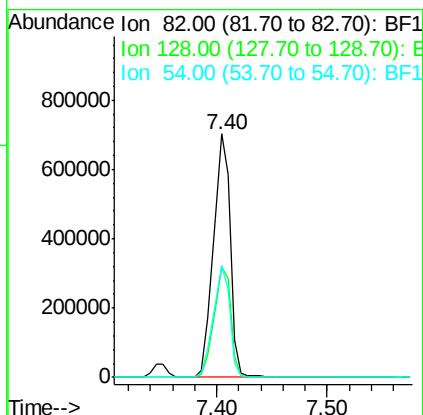
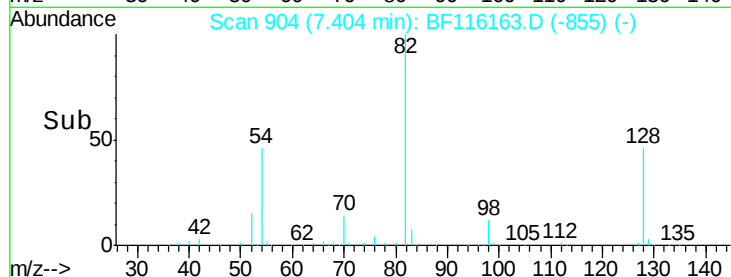
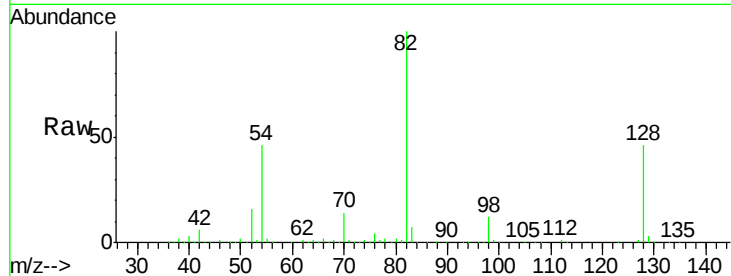




#23
 Nitrobenzene-d5
 Concen: 82.556 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

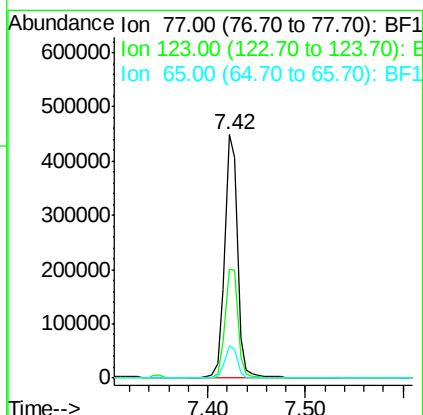
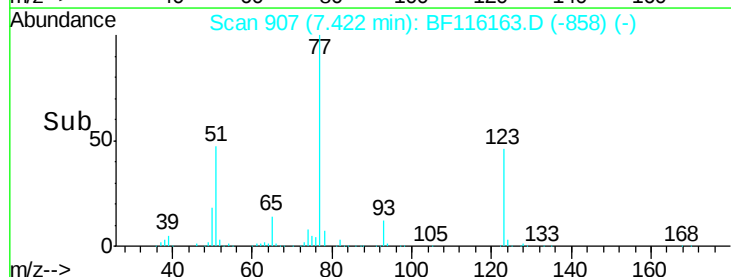
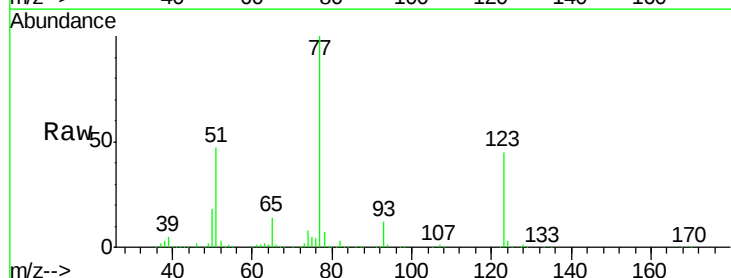
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 735704
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 45.8 36.0 54.0



#24
 Nitrobenzene
 Concen: 42.472 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion: 77 Resp: 408686
 Ion Ratio Lower Upper
 77 100
 123 45.0 36.7 55.1
 65 13.5 10.6 16.0





#25

Isophorone

Concen: 42.508 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

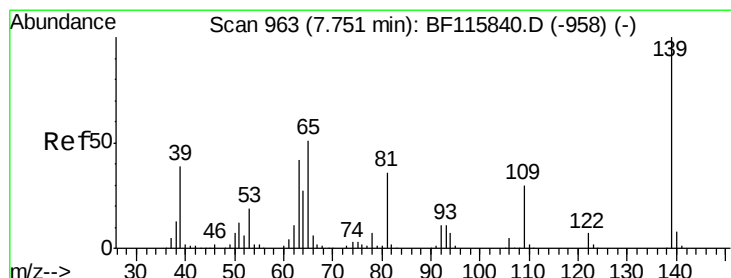
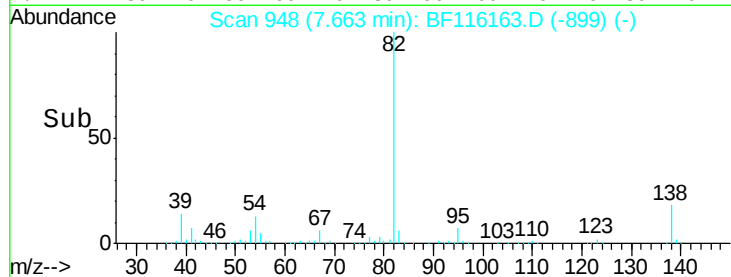
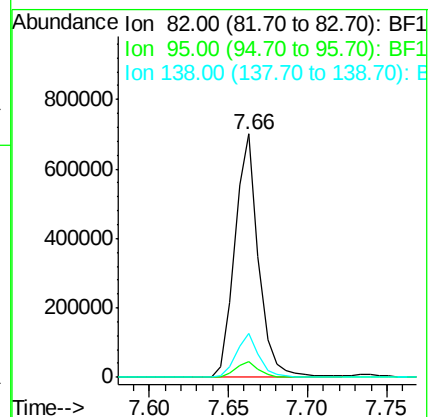
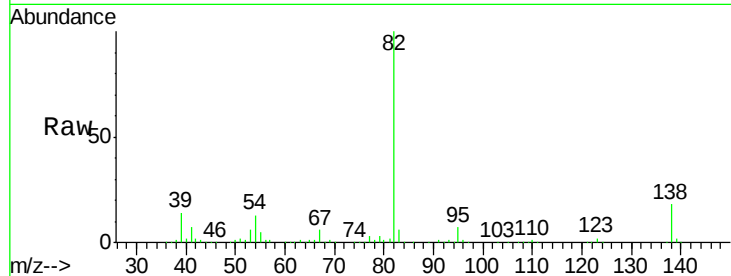
Tot Ion: 82 Resp: 724355

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 18.1 14.5 21.7



#26

2-Nitrophenol

Concen: 40.109 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

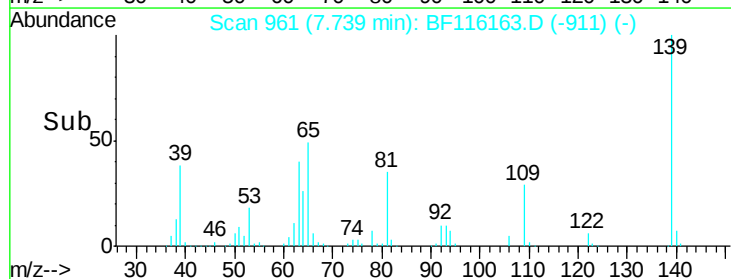
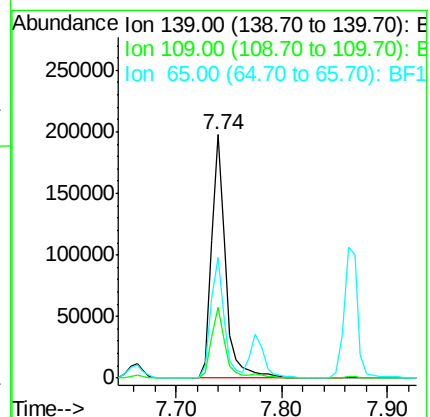
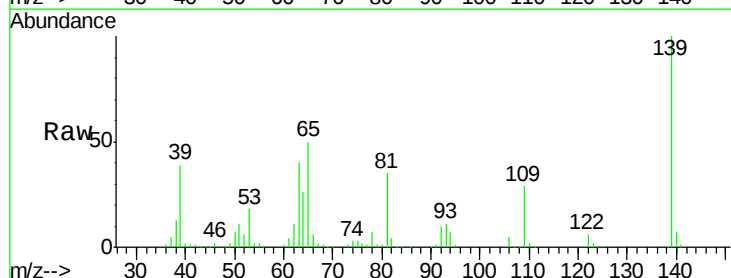
Tgt Ion: 139 Resp: 181926

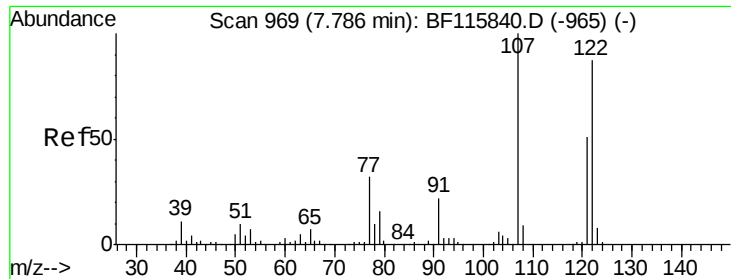
Ion Ratio Lower Upper

139 100

109 29.0 23.4 35.2

65 49.7 41.1 61.7

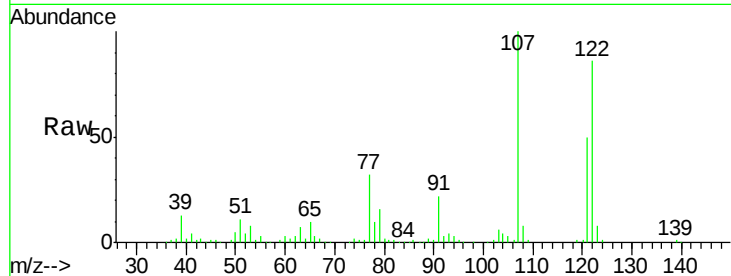




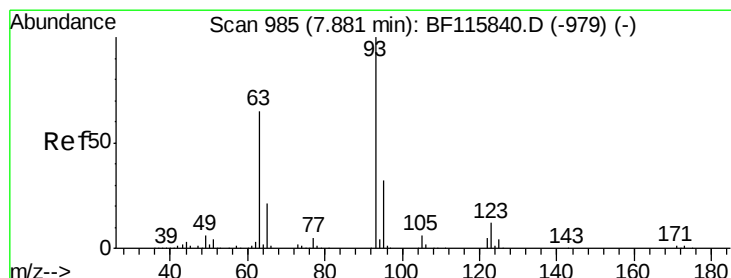
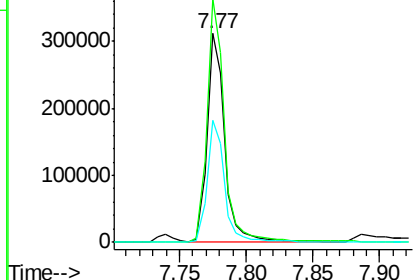
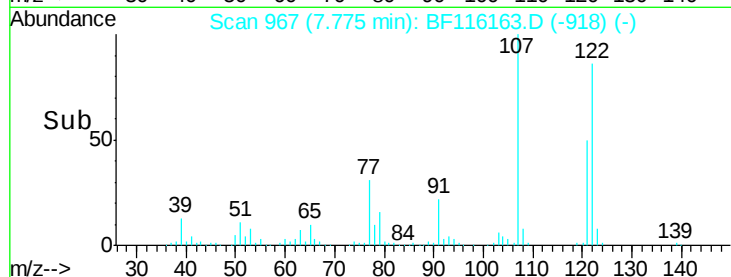
#27
2,4-Dimethylphenol
Concen: 42.126 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 287470
Ion Ratio Lower Upper
122 100
107 116.6 93.0 139.6
121 58.4 47.6 71.4

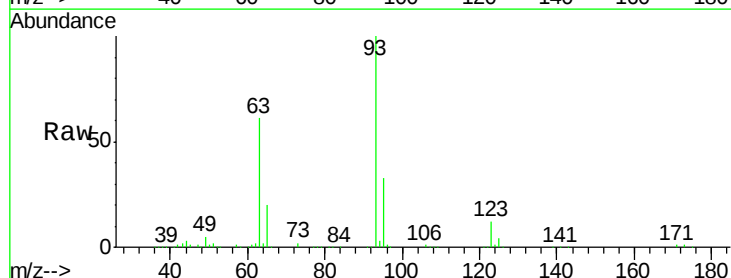


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

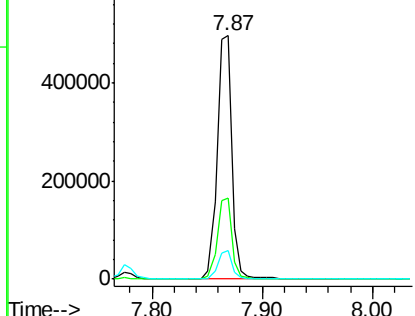
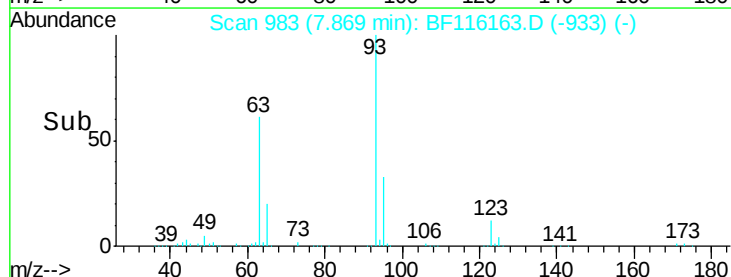


#28
bis(2-Chloroethoxy)methane
Concen: 43.780 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion: 93 Resp: 462398
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 11.9 9.2 13.8



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

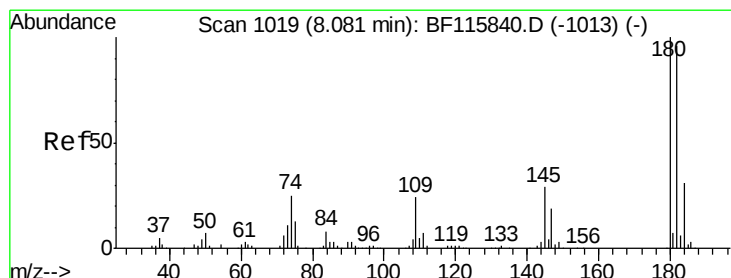
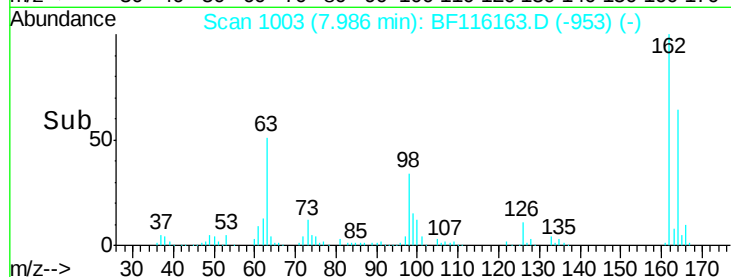
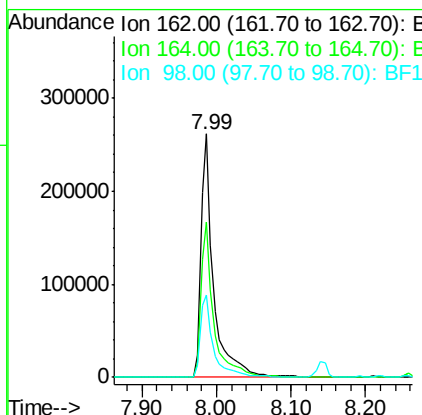
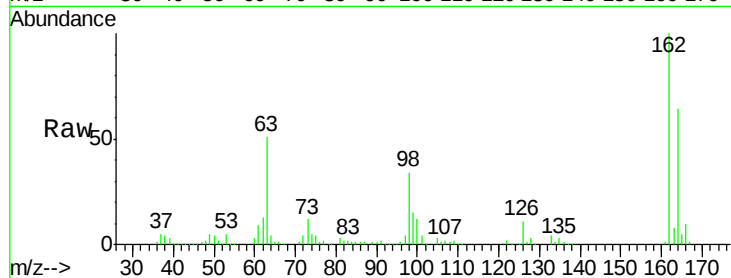




#29
 2,4-Dichlorophenol
 Concen: 43.322 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

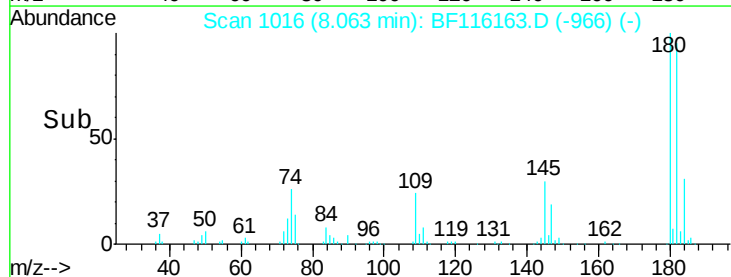
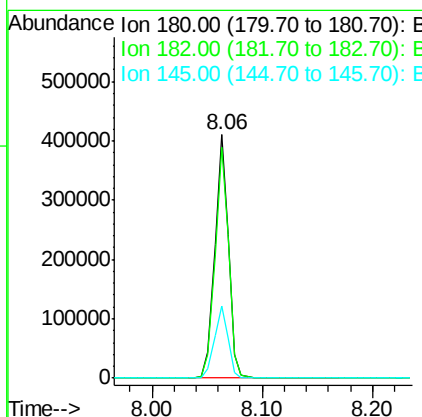
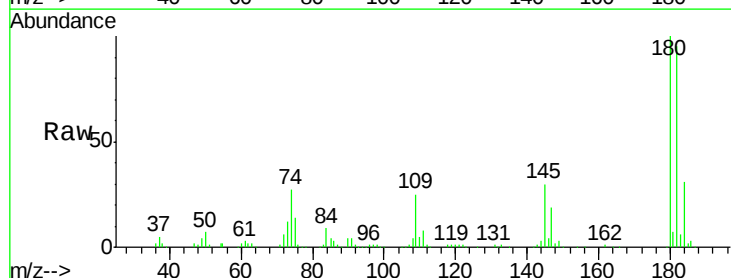
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

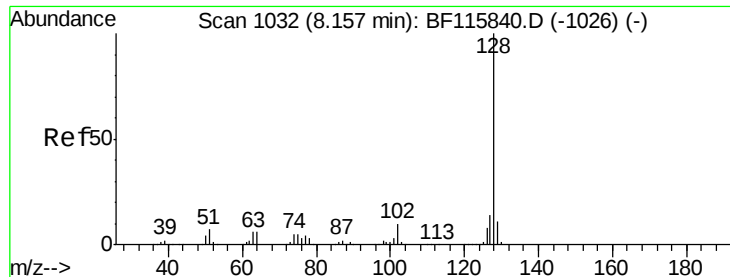
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	33.6	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.198 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.7	113.5
145	29.8	24.3	36.5

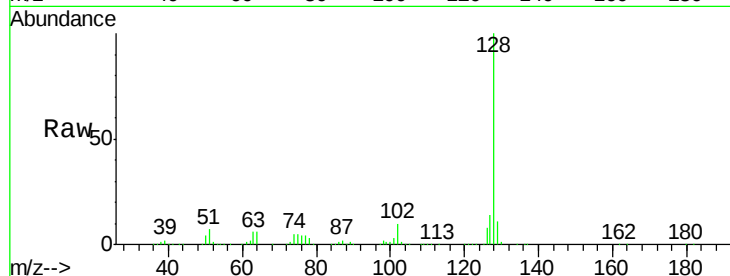




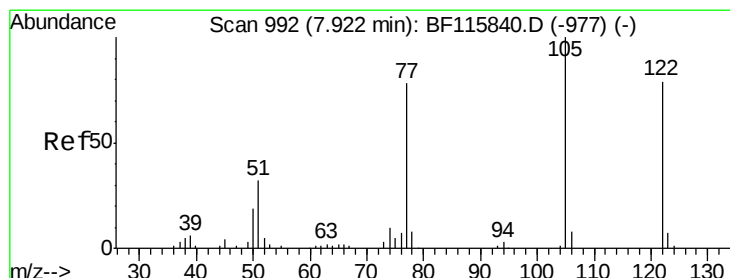
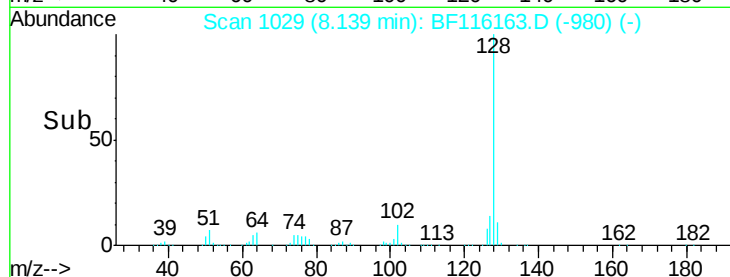
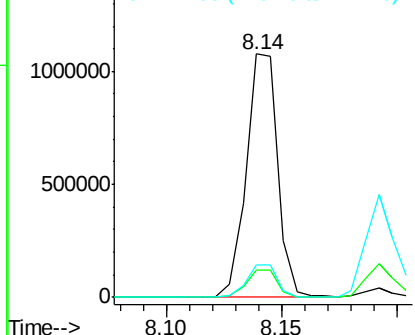
#31
Naphthalene
Concen: 42.554 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1030106
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.5 11.4 17.0

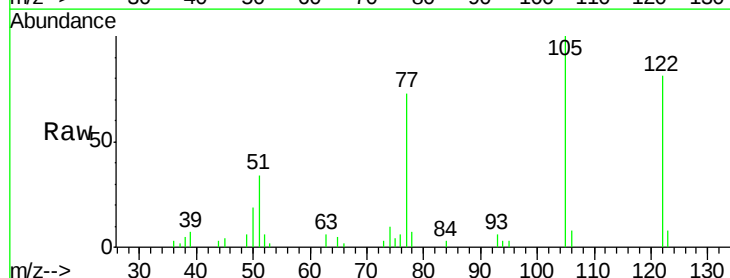


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

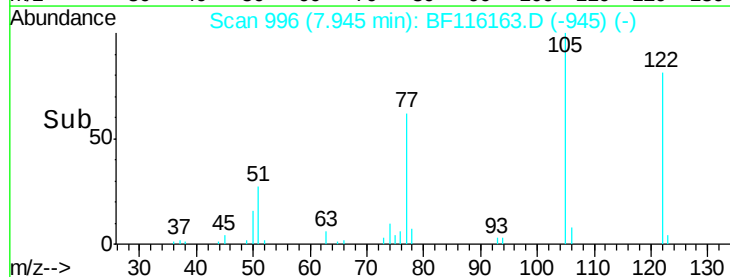
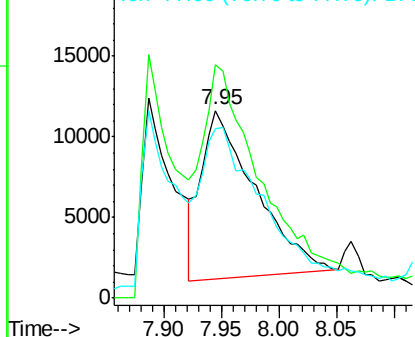


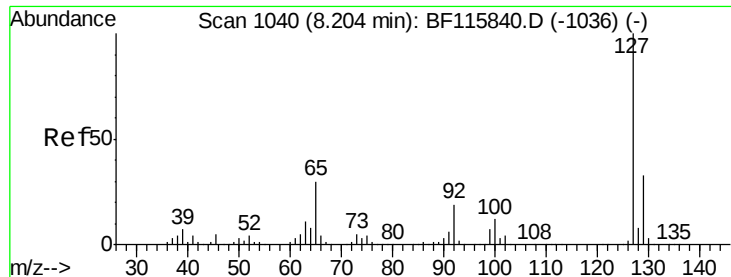
#32
Benzoic acid
Concen: 7.030 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:122 Resp: 33822
Ion Ratio Lower Upper
122 100
105 124.1 106.1 146.1
77 90.5 76.7 116.7



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

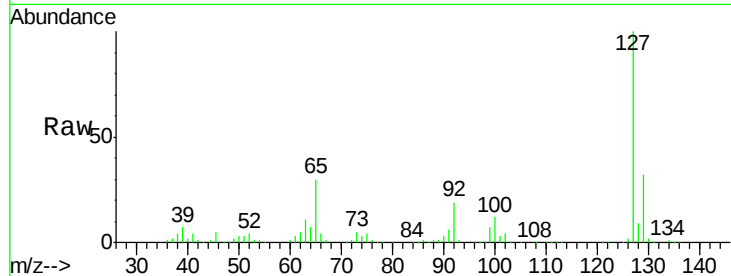




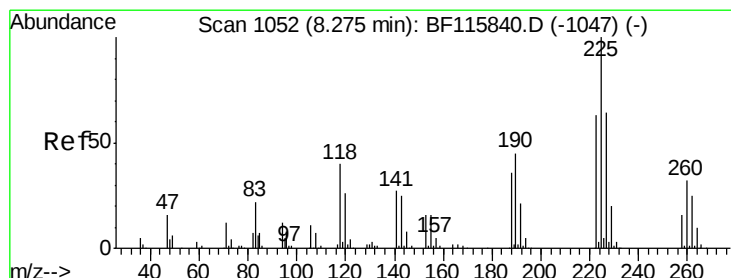
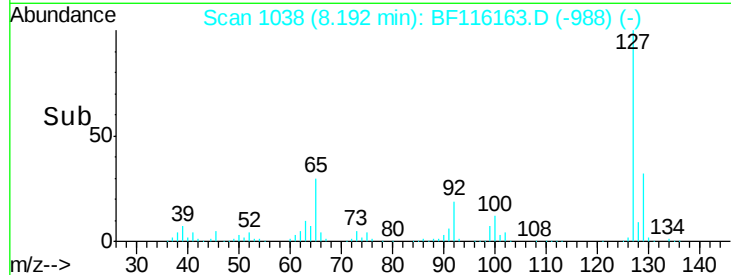
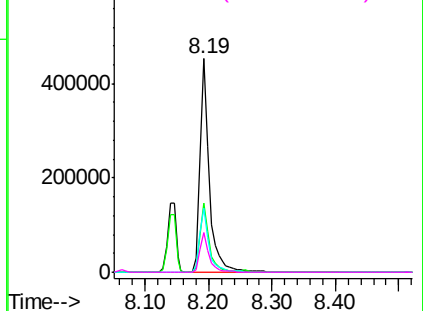
#33
4-Chloroaniline
Concen: 41.898 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	453160
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.1 39.1
65	29.8	24.9 37.3
92	18.7	15.7 23.5

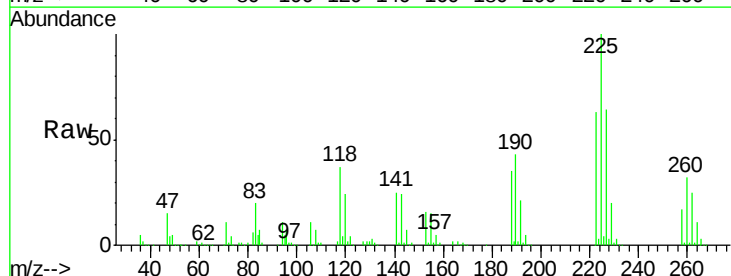


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

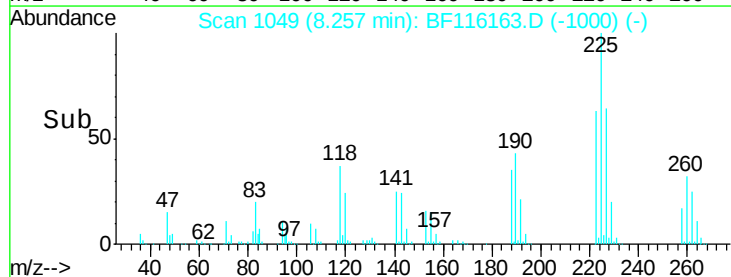
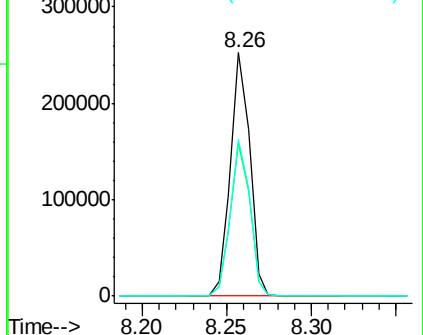


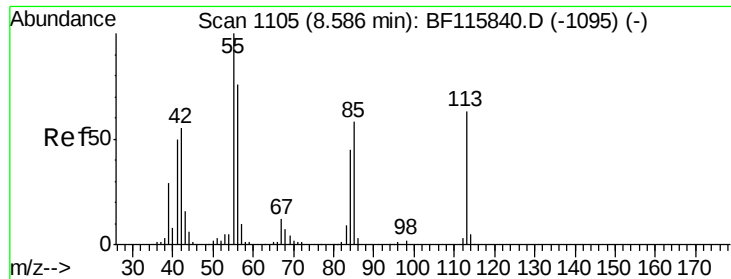
#34
Hexachlorobutadiene
Concen: 42.728 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:225	Resp:	202143
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.0 75.0
227	64.1	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

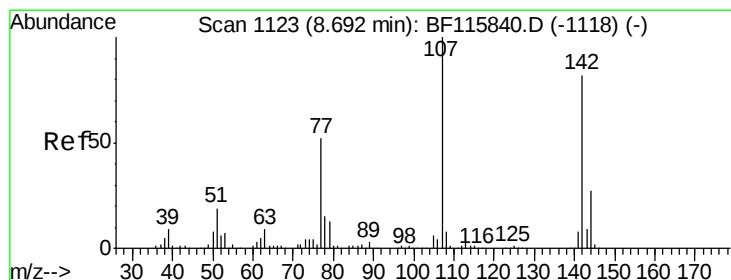
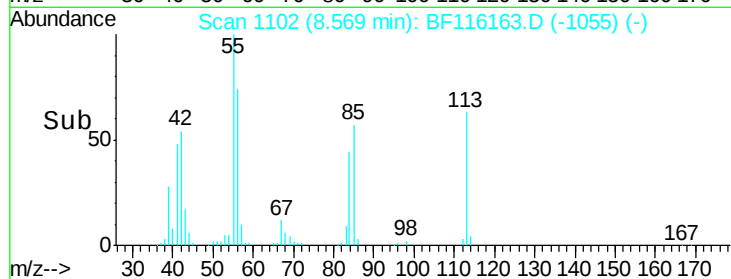
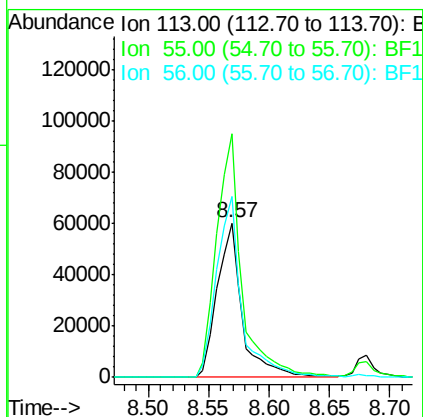
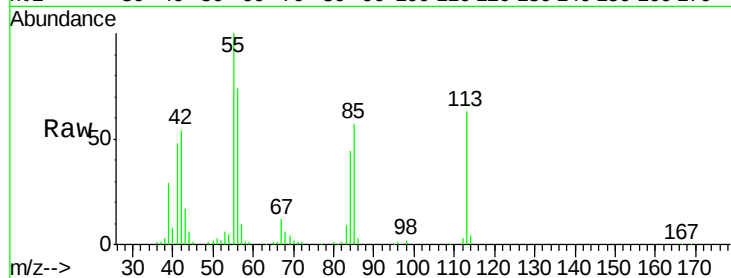




#35
 Caprolactam
 Concen: 37.039 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

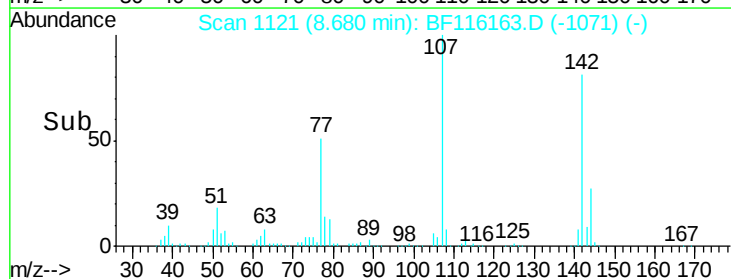
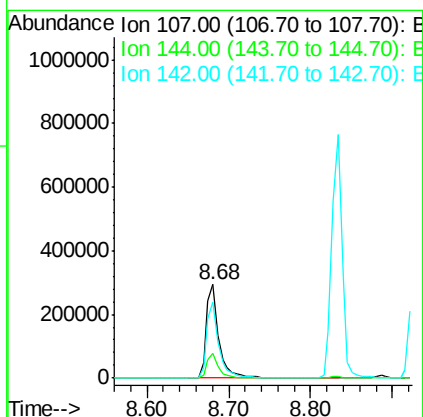
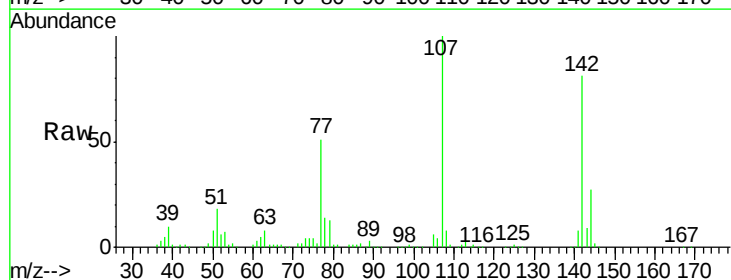
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

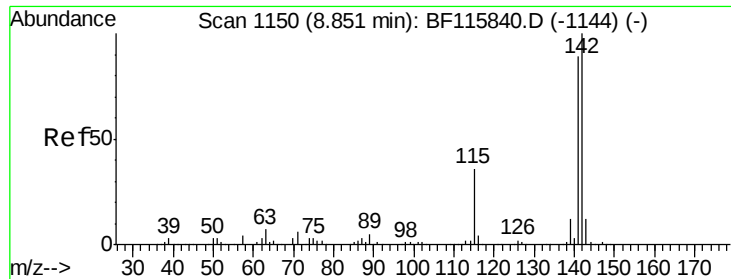
Tot Ion:113 Resp: 86316
 Ion Ratio Lower Upper
 113 100
 55 158.1 144.3 184.3
 56 117.1 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.618 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:107 Resp: 311965
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.2 30.2
 142 80.6 61.7 92.5

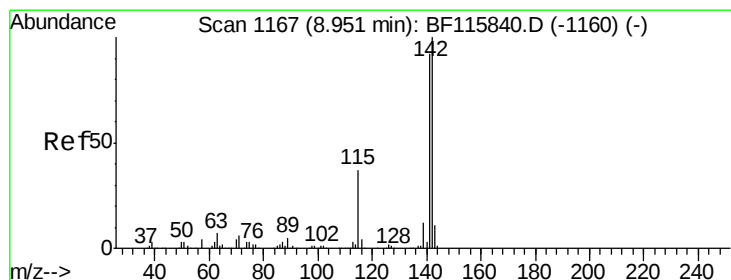
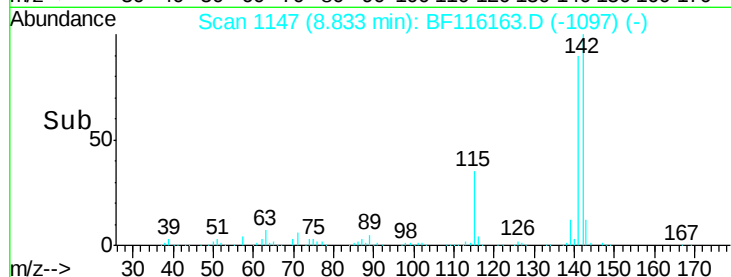
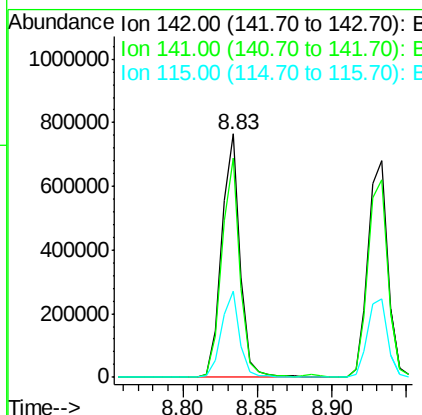
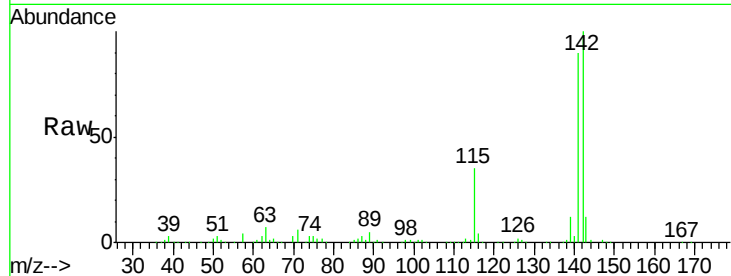




#37
2-Methylnaphthalene
Concen: 41.725 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

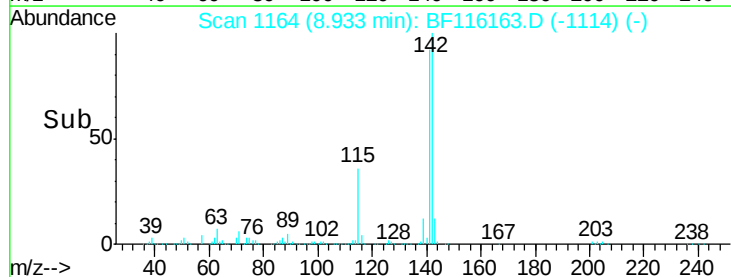
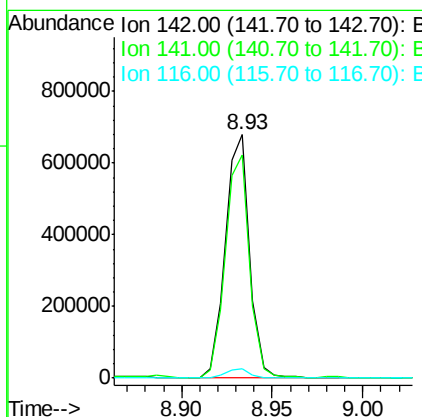
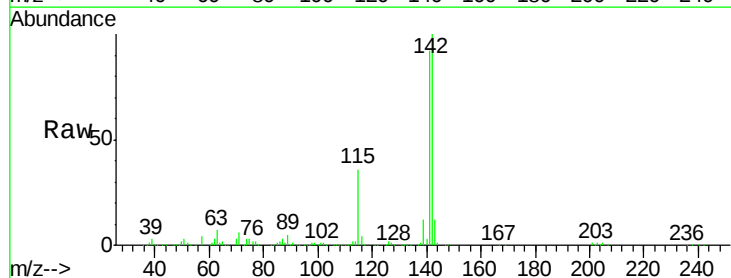
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

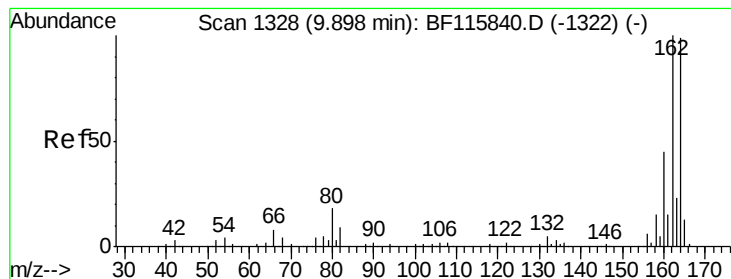
Tot Ion:142 Resp: 665193
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3
115 35.2 29.0 43.6



#38
1-Methylnaphthalene
Concen: 41.603 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:142 Resp: 627454
Ion Ratio Lower Upper
142 100
141 91.5 74.4 111.6
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

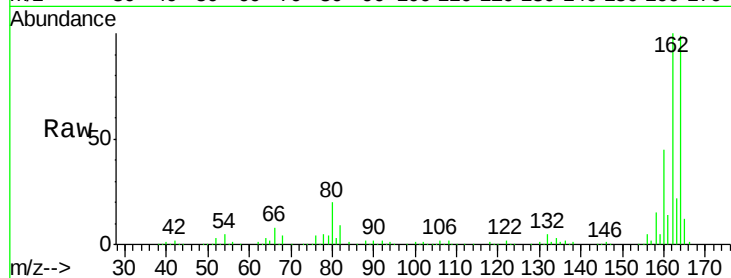
Tot Ion:164 Resp: 252472

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

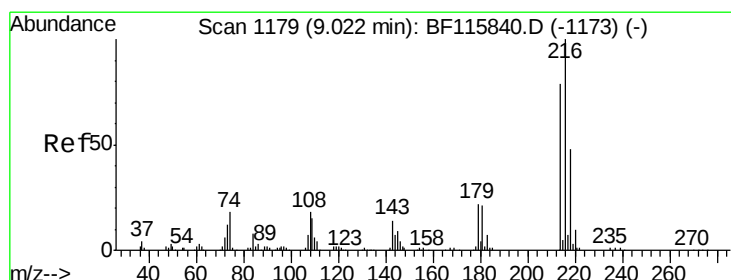
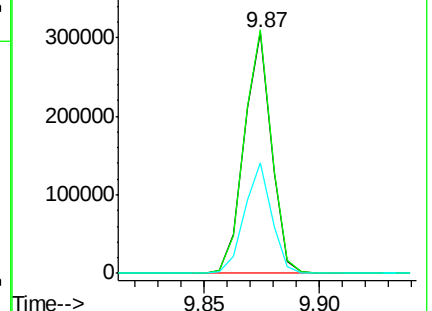
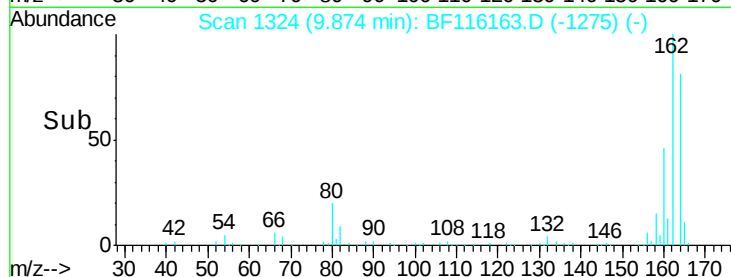
160 45.7 37.6 56.4



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: 45.698 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Tgt Ion:216 Resp: 308443

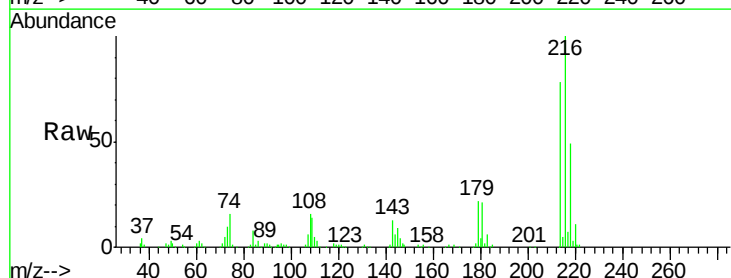
Ion Ratio Lower Upper

216 100

214 78.8 63.6 95.4

179 21.9 17.8 26.8

108 18.9 16.5 24.7

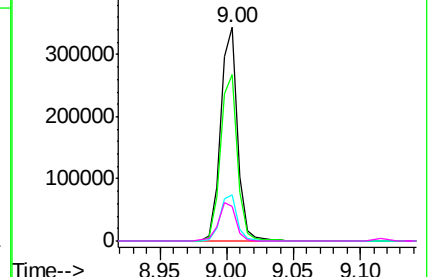
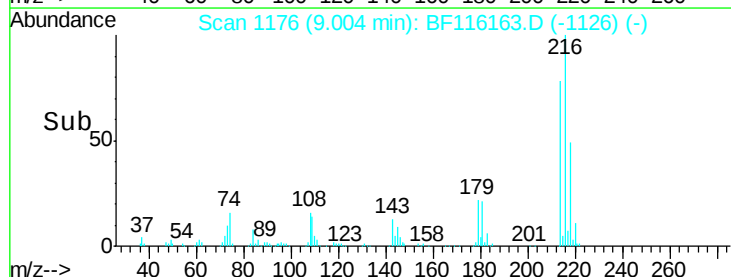


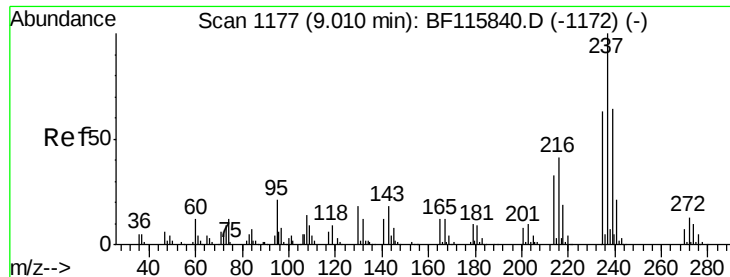
Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.645 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

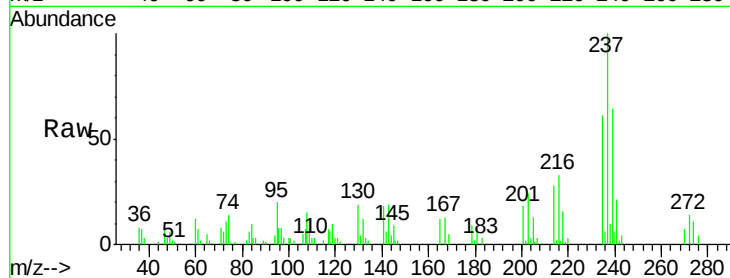
Tot Ion:237 Resp: 18730

Ion Ratio Lower Upper

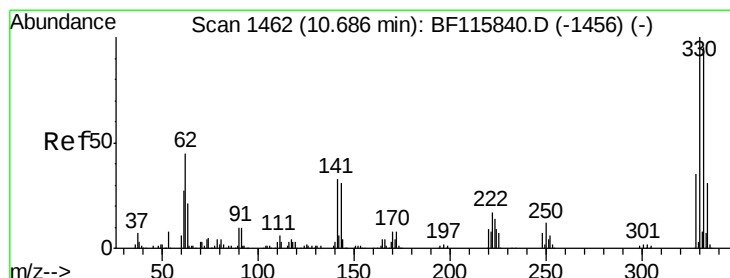
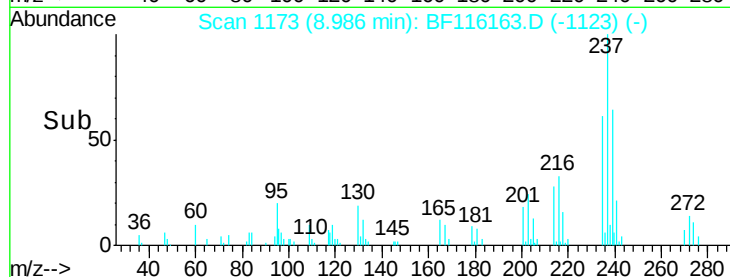
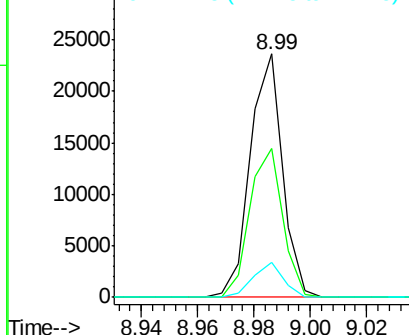
237 100

235 61.0 43.4 83.4

272 14.5 0.0 33.2



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: 70.682 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

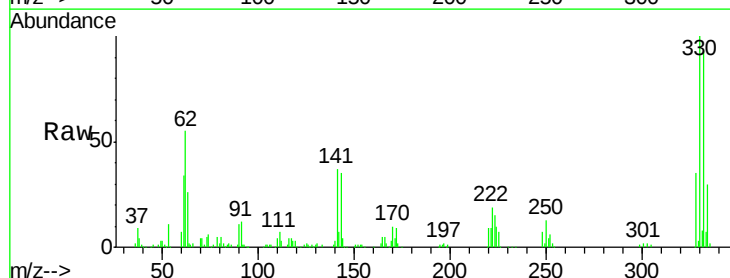
Tgt Ion:330 Resp: 173014

Ion Ratio Lower Upper

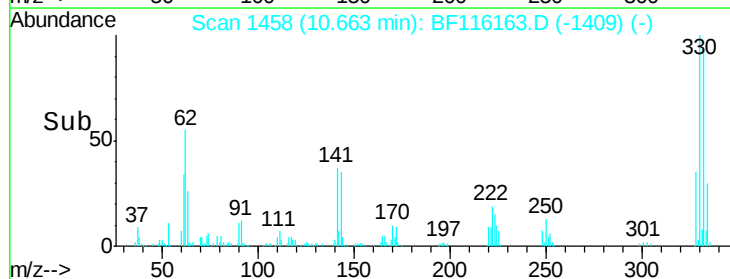
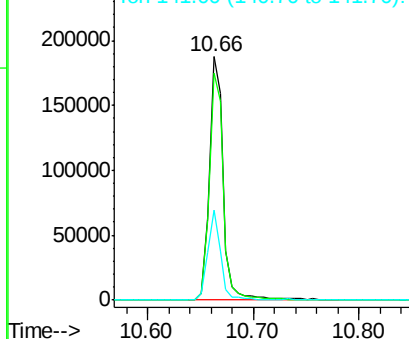
330 100

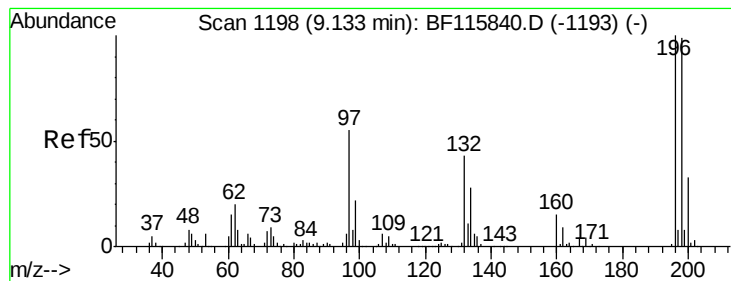
332 94.8 76.8 115.2

141 34.1 26.3 39.5



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: 40.285 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

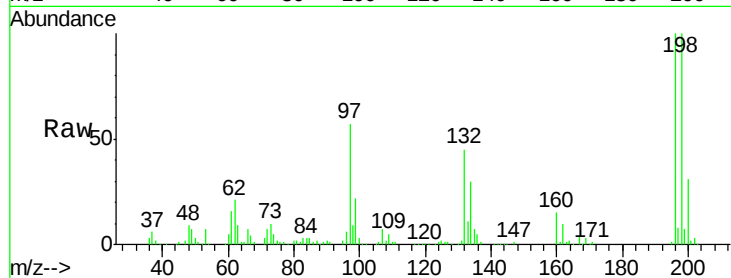
Tot Ion:196 Resp: 187160

Ion Ratio Lower Upper

196 100

198 100.1 79.2 118.8

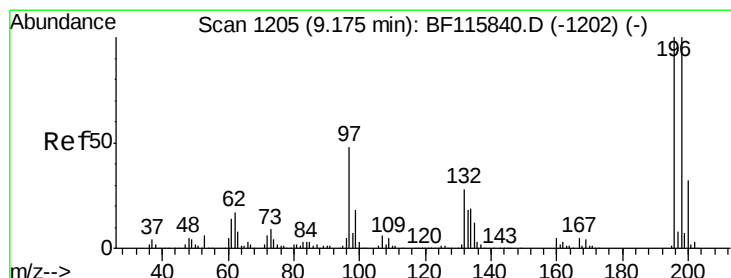
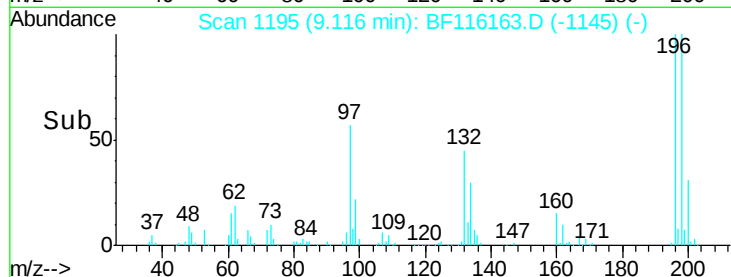
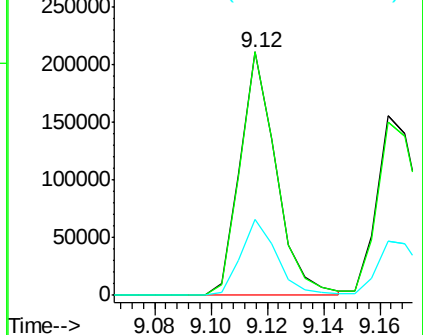
200 31.2 25.2 37.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.890 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Tgt Ion:196 Resp: 191567

Ion Ratio Lower Upper

196 100

198 96.5 78.8 118.2

97 53.2 42.2 63.4

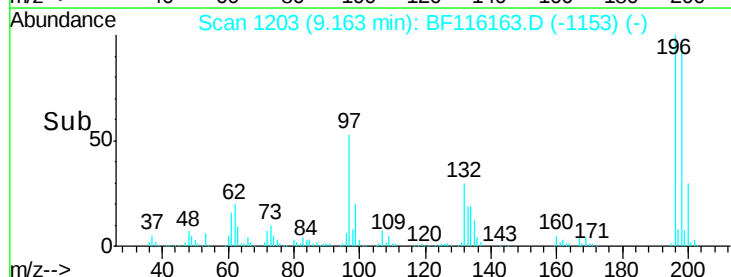
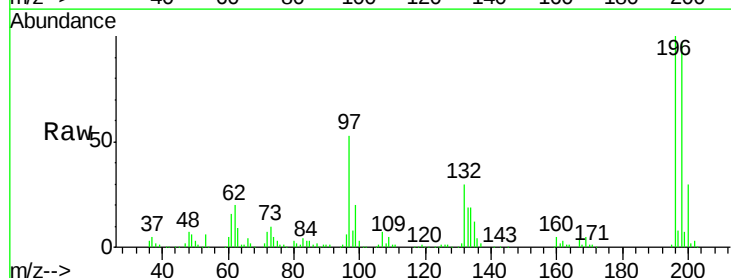
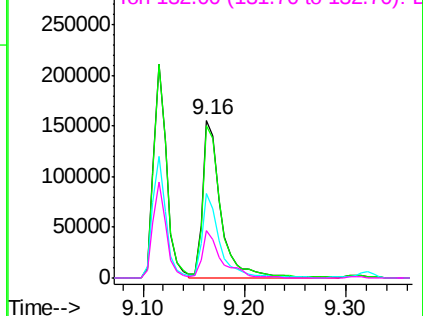
132 30.1 24.0 36.0

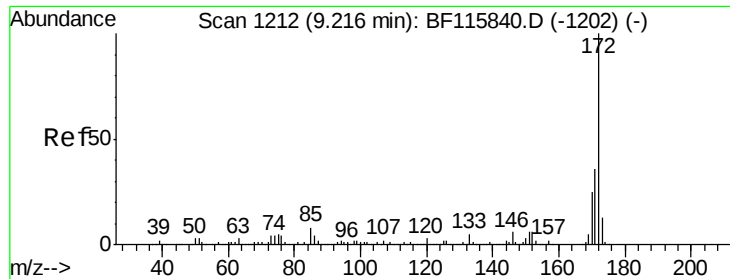
Abundance Ion 196.00 (195.70 to 196.70): E

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

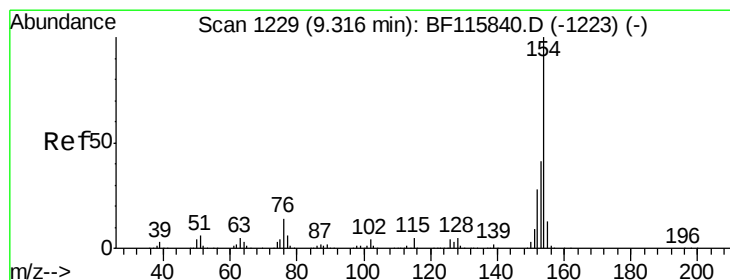
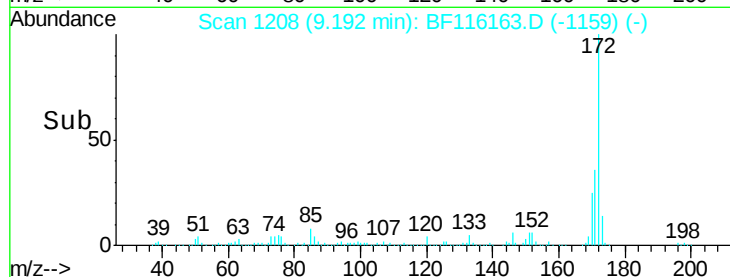
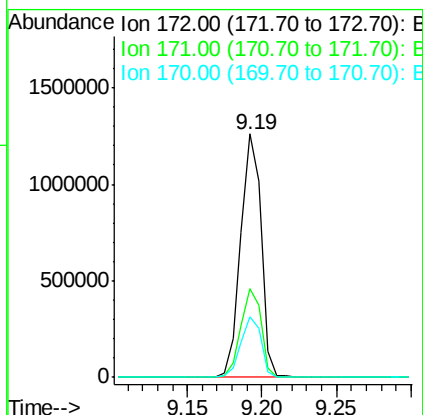
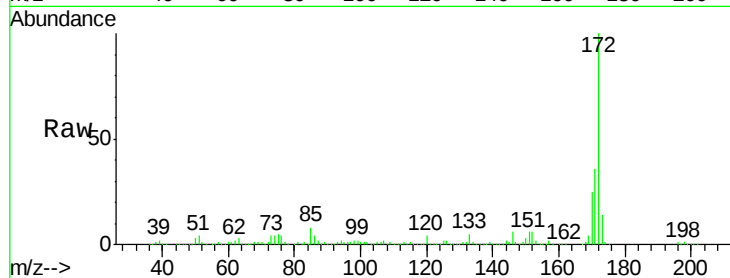




#45
 2-Fluorobiphenyl
 Concen: 89.511 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

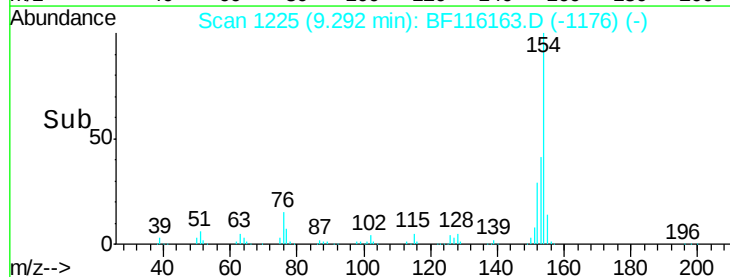
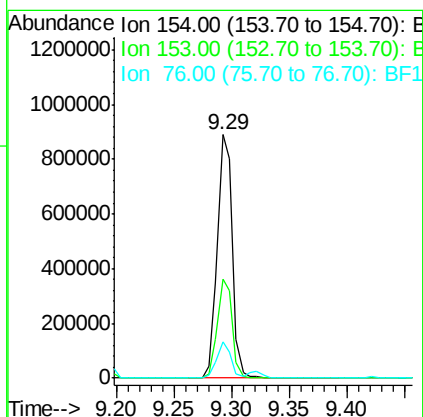
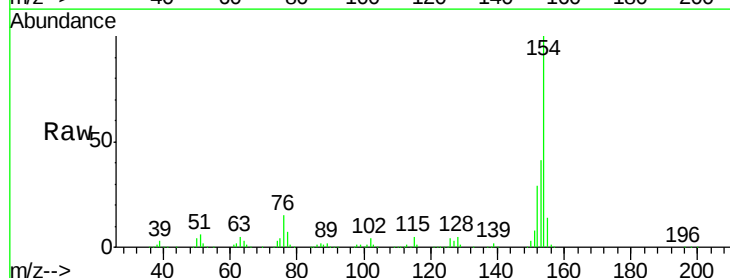
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

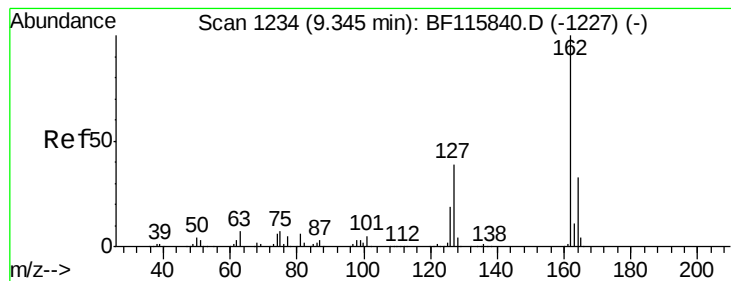
Tot Ion:172 Resp: 1206524
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 25.1 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 44.977 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:154 Resp: 801691
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.4 61.4
 76 14.8 0.0 35.2





#47

2-Chloronaphthalene

Concen: 42.663 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

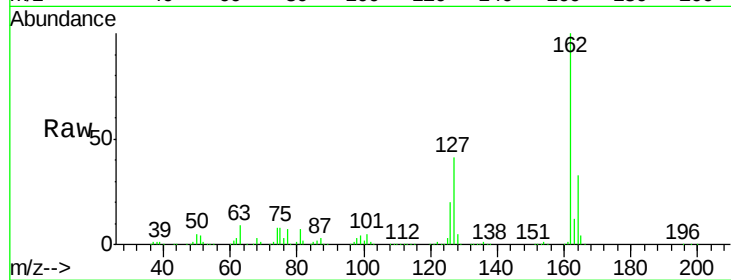
Tot Ion:162 Resp: 632911

Ion Ratio Lower Upper

162 100

127 40.9 32.8 49.2

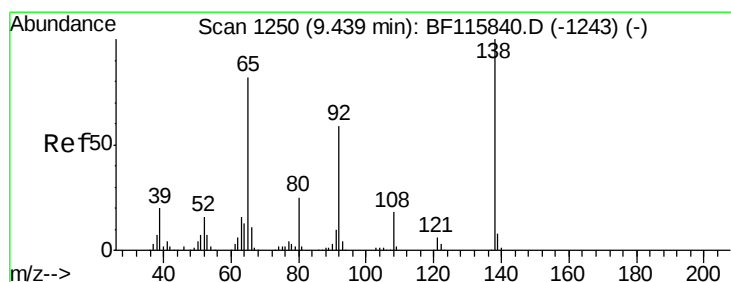
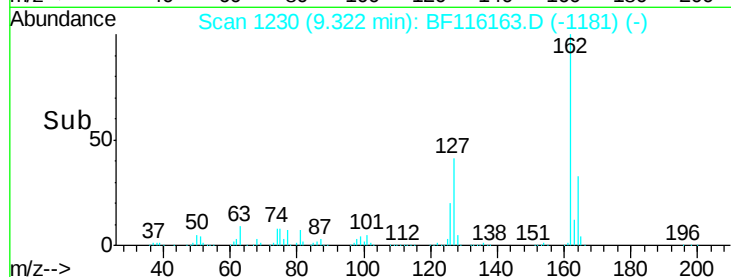
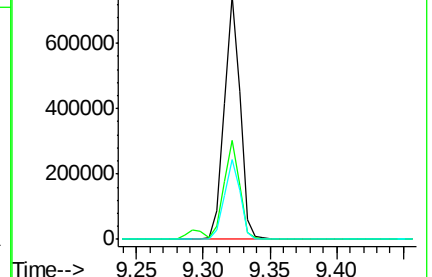
164 33.0 26.6 39.8



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: 42.295 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

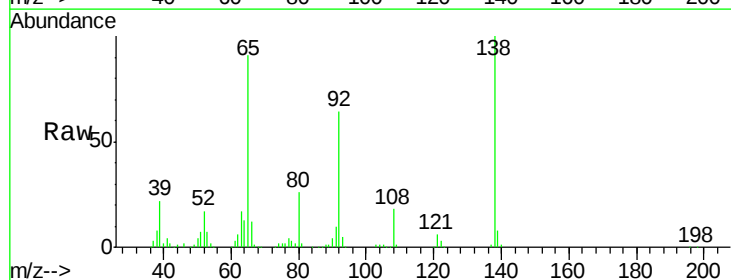
Tgt Ion: 65 Resp: 207397

Ion Ratio Lower Upper

65 100

92 70.6 57.8 86.8

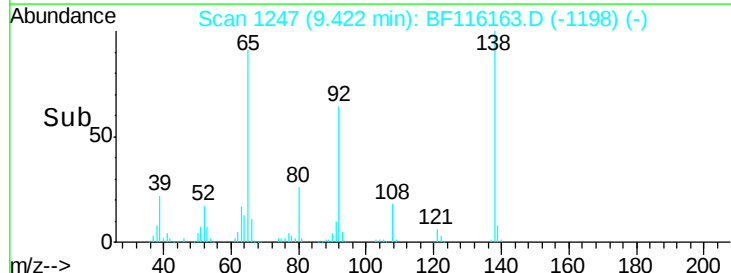
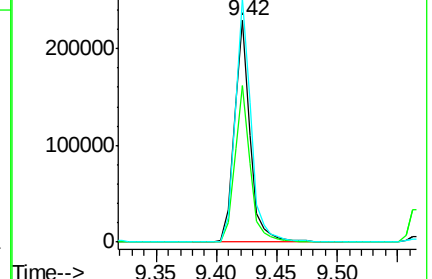
138 110.0 94.0 141.0

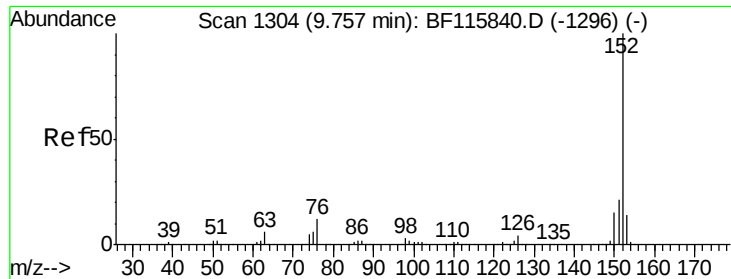


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.962 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

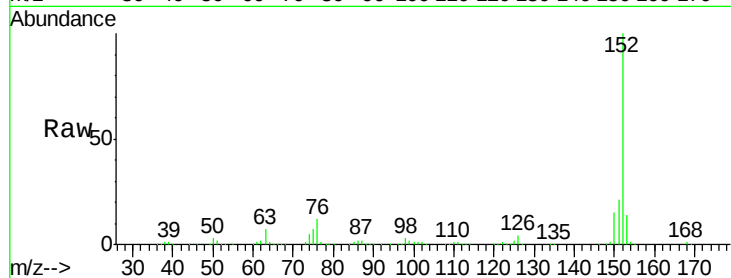
Tot Ion:152 Resp: 929834

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

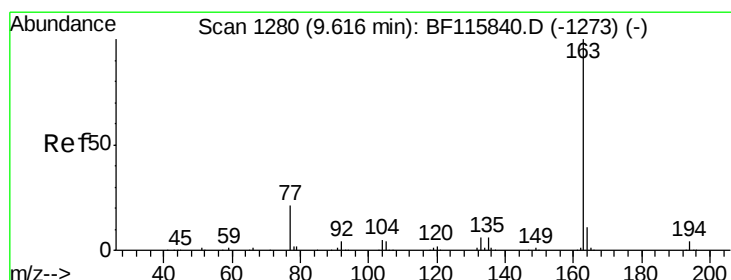
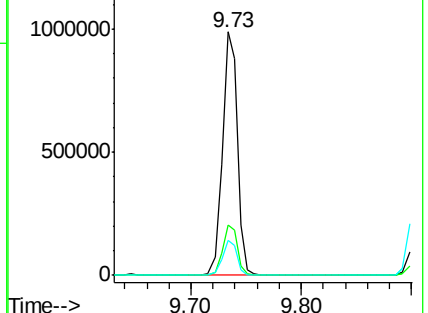
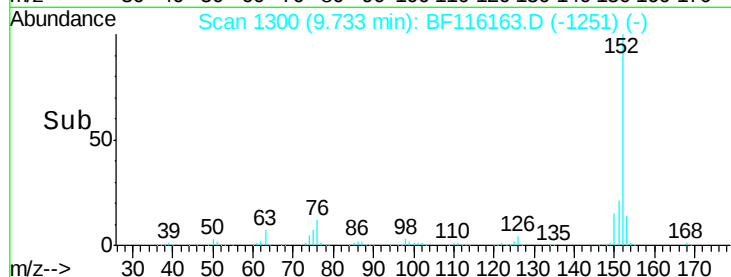
153 14.2 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.982 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

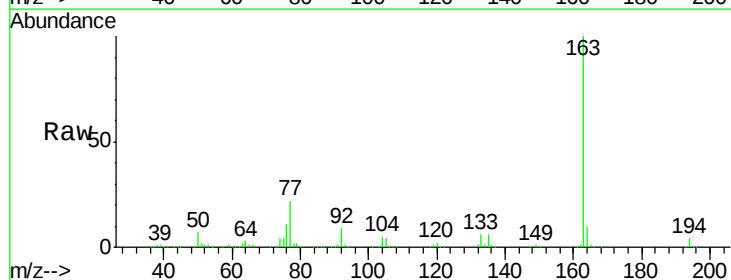
Tgt Ion:163 Resp: 756080

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

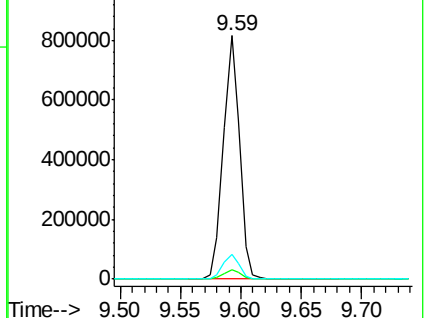
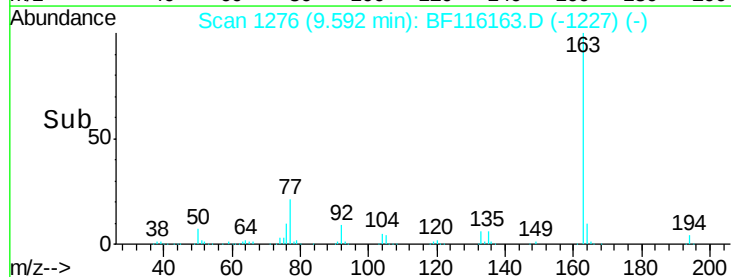
164 10.4 8.4 12.6

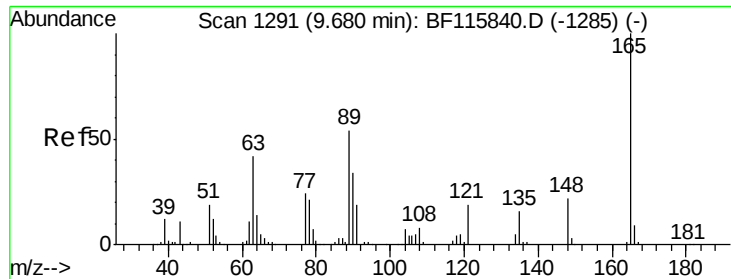


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

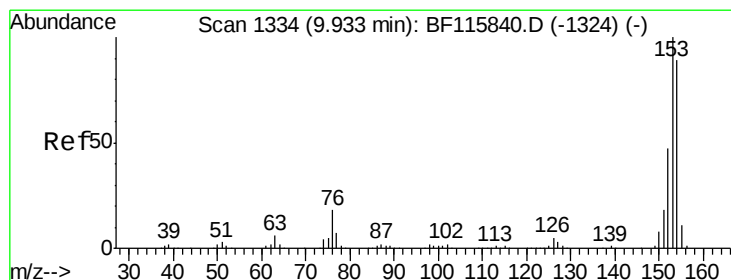
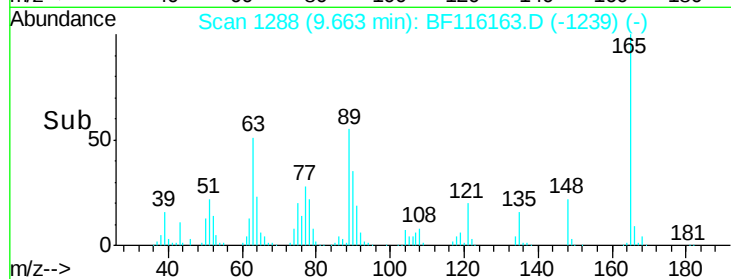
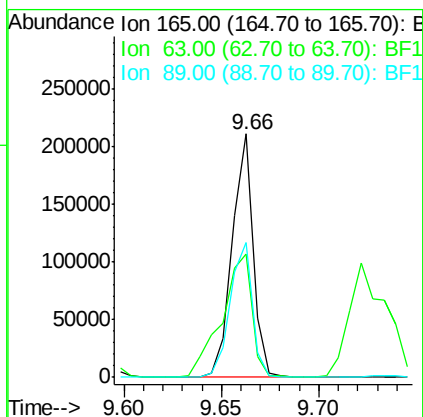
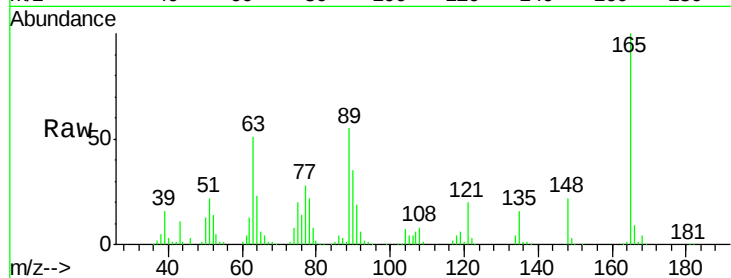




#51
 2,6-Dinitrotoluene
 Concen: 42.063 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

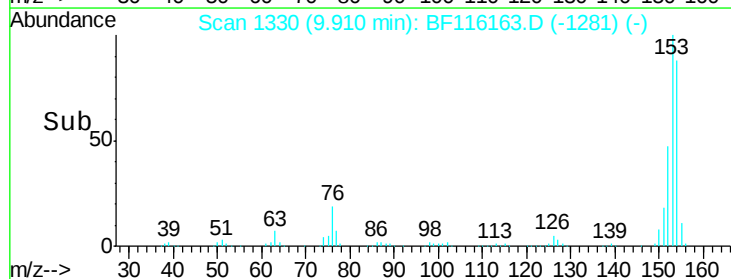
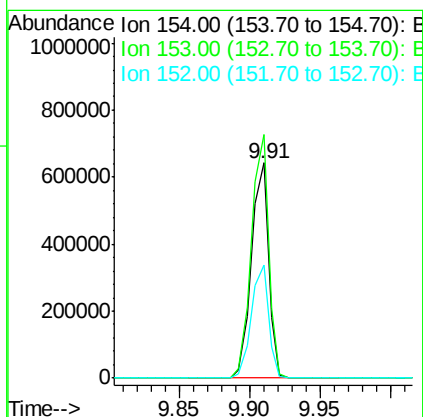
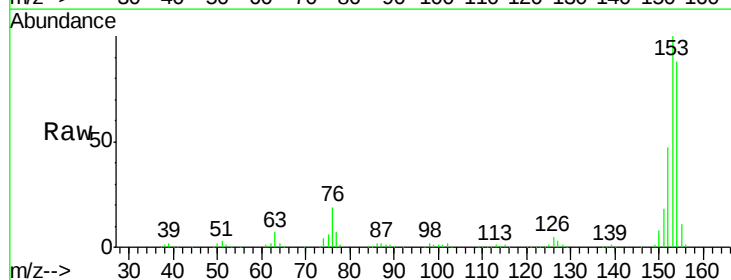
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

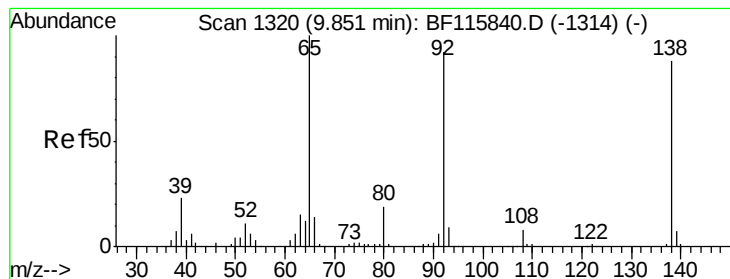
Tot Ion:165 Resp: 157138
 Ion Ratio Lower Upper
 165 100
 63 50.6 38.2 57.2
 89 55.2 42.9 64.3



#52
 Acenaphthene
 Concen: 41.761 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:154 Resp: 554497
 Ion Ratio Lower Upper
 154 100
 153 113.3 89.4 134.0
 152 52.8 42.3 63.5





#53

3-Nitroaniline

Concen: 40.885 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

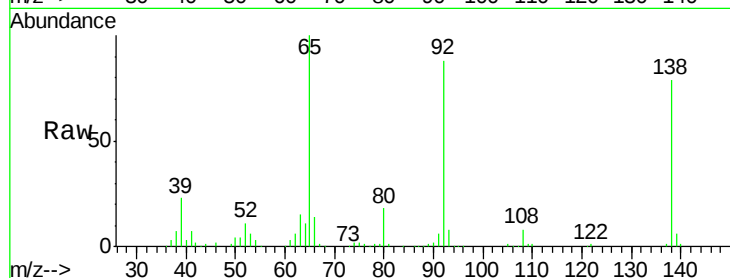
Tot Ion:138 Resp: 188726

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

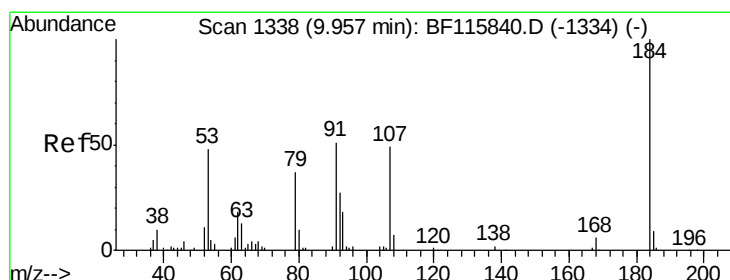
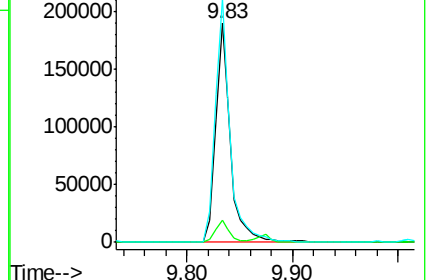
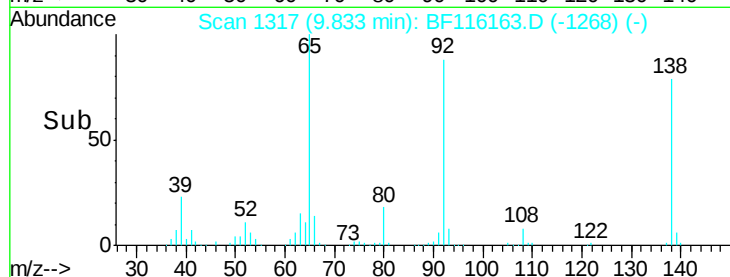
92 111.1 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 10.621 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

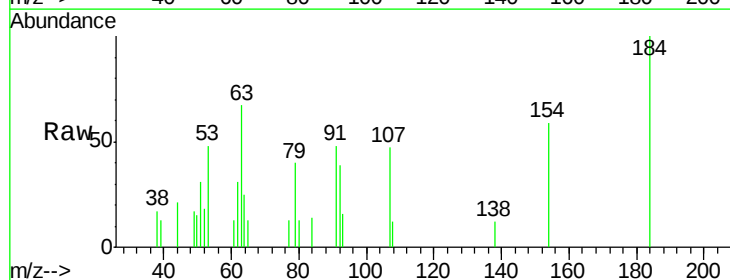
Tgt Ion:184 Resp: 5913

Ion Ratio Lower Upper

184 100

63 66.6 53.0 79.4

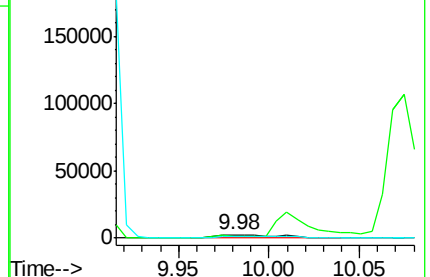
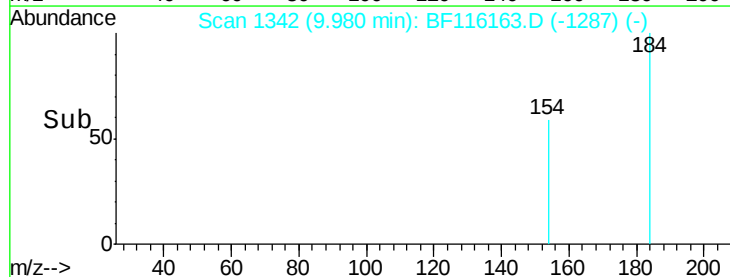
154 59.1 50.1 75.1

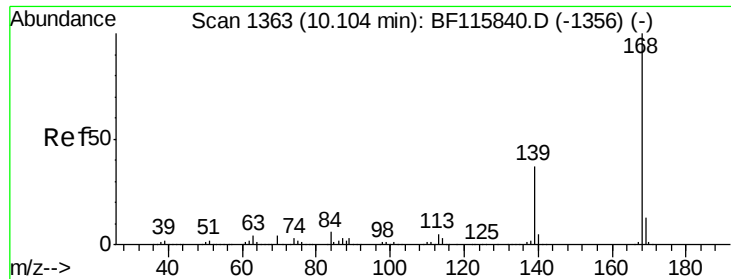


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

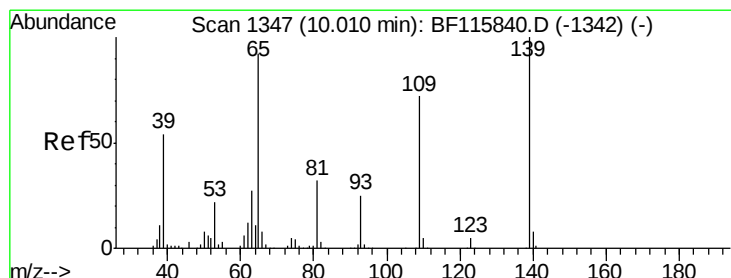
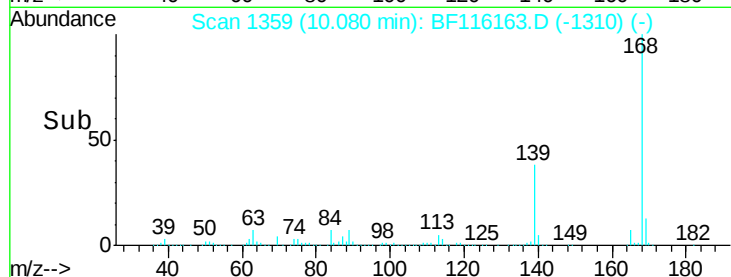
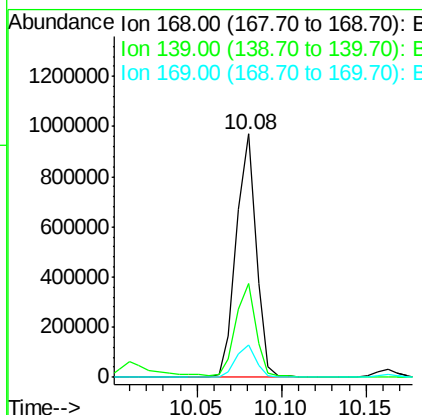
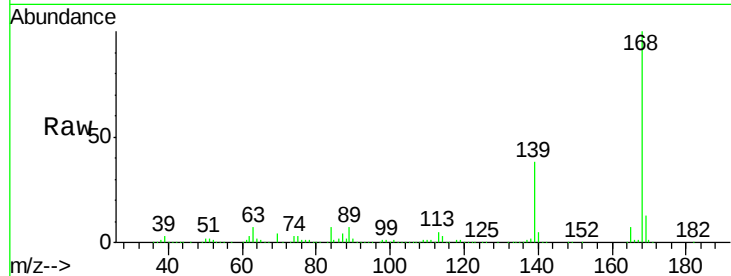




#55
Dibenzofuran
Concen: 41.207 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

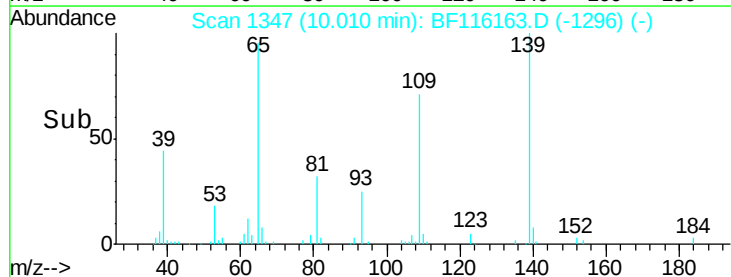
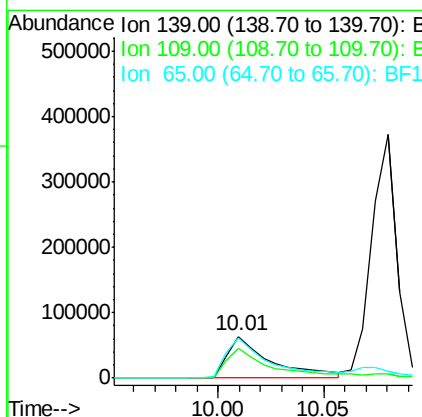
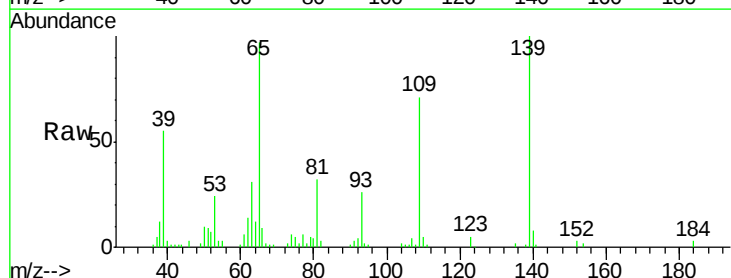
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 795671
Ion Ratio Lower Upper
168 100
139 38.3 31.4 47.2
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 30.837 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:139 Resp: 91185
Ion Ratio Lower Upper
139 100
109 70.8 54.4 94.4
65 97.1 80.6 120.6

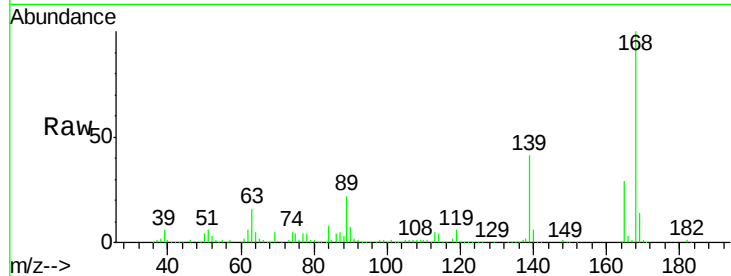




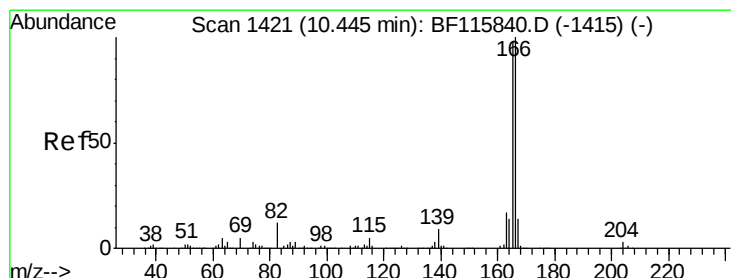
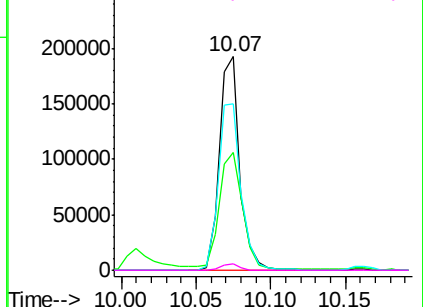
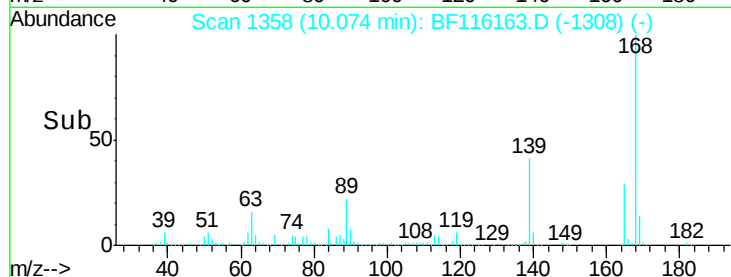
#57
 2,4-Dinitrotoluene
 Concen: 37.427 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	186157
Ion Ratio	Lower	Upper
165	100	
63	55.4	39.6 59.4
89	77.9	62.2 93.2
182	2.7	2.1 3.1

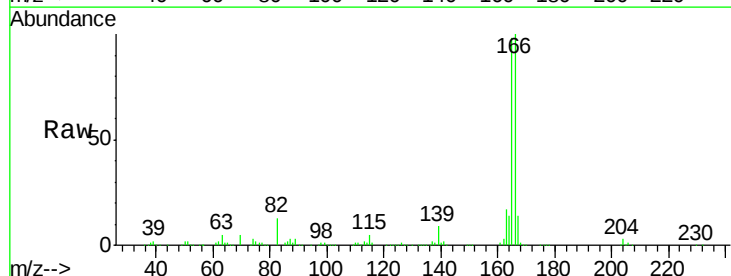


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

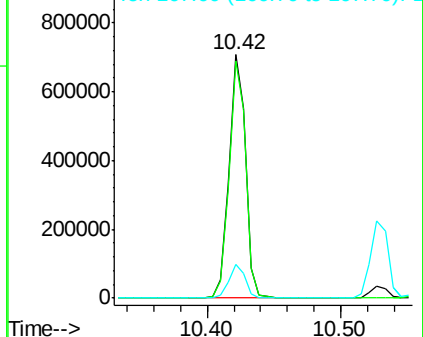
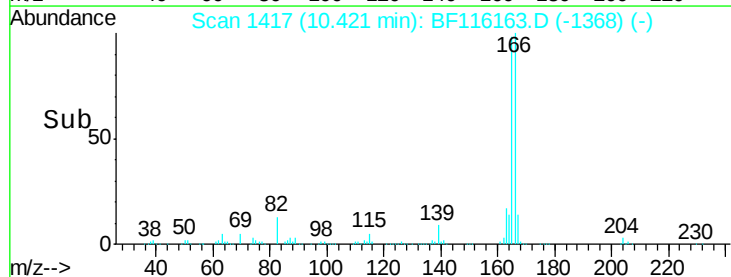


#58
 Fluorene
 Concen: 41.673 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:166	Resp:	619094
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.4 117.6
167	13.6	11.0 16.4



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

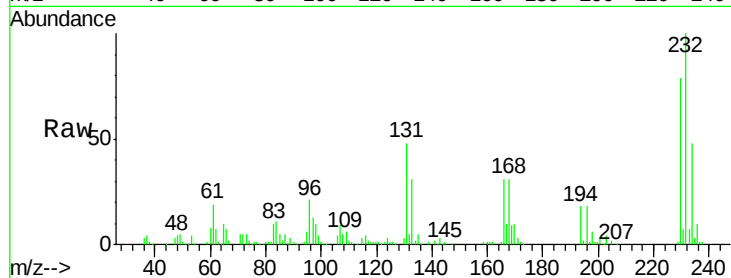




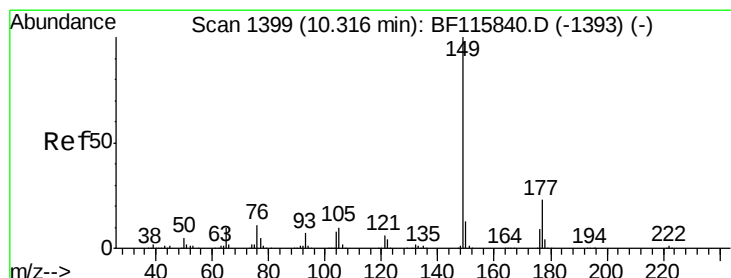
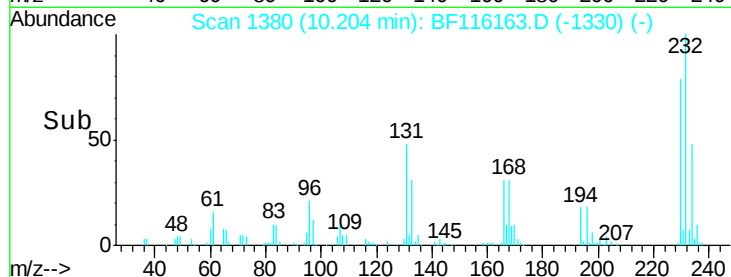
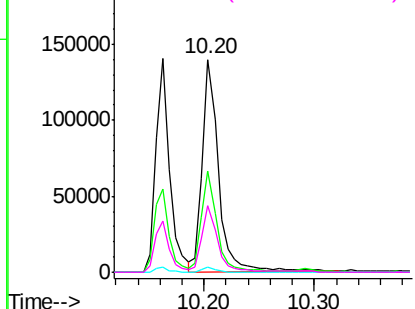
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.899 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 136964
Ion Ratio Lower Upper
232 100
131 46.3 36.2 54.2
130 2.3 1.9 2.9
166 29.5 23.0 34.4

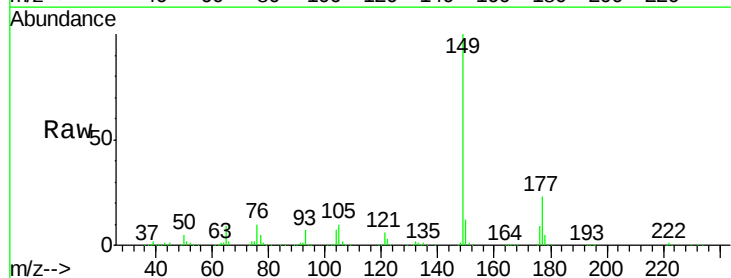


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

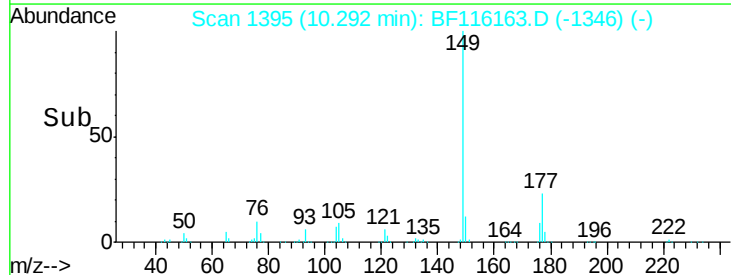
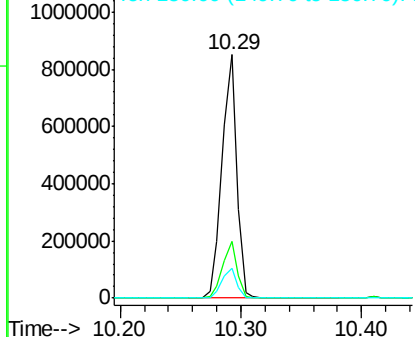


#60
Diethylphthalate
Concen: 44.515 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:149 Resp: 714438
Ion Ratio Lower Upper
149 100
177 23.2 18.8 28.2
150 12.5 10.2 15.4



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

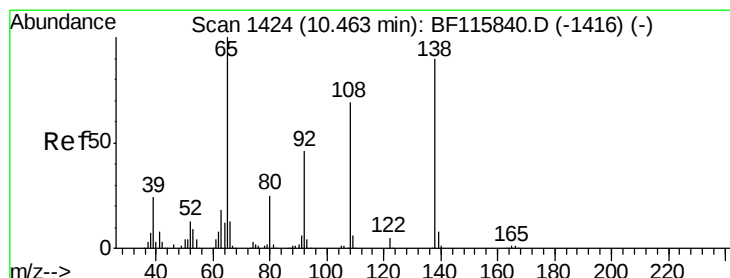
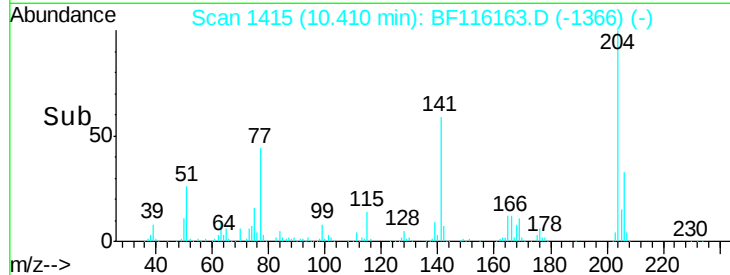
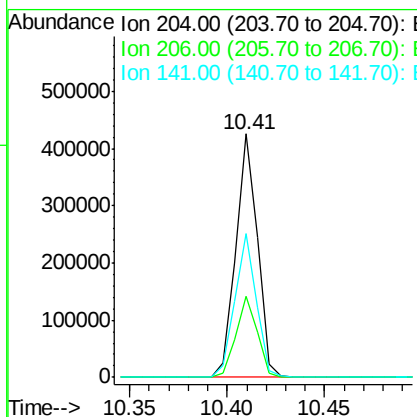
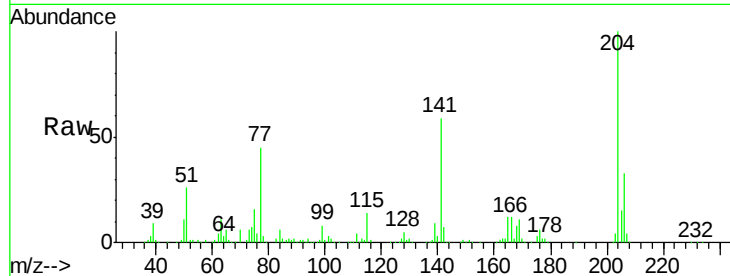




#61
 4-Chlorophenyl-phenylether
 Concen: 43.369 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

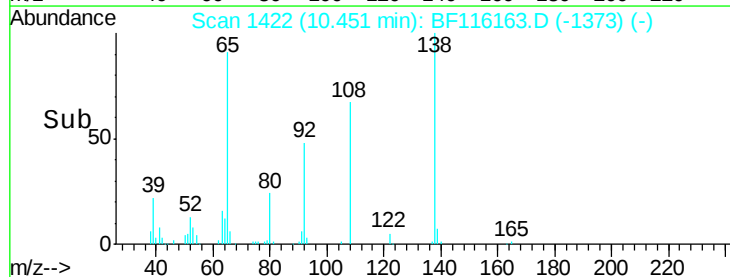
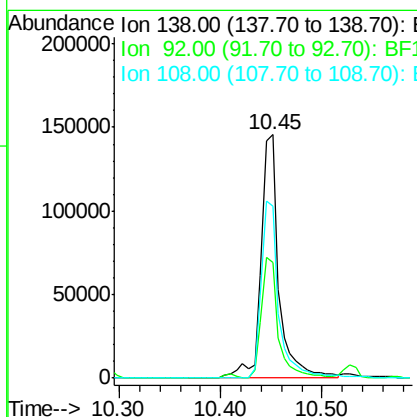
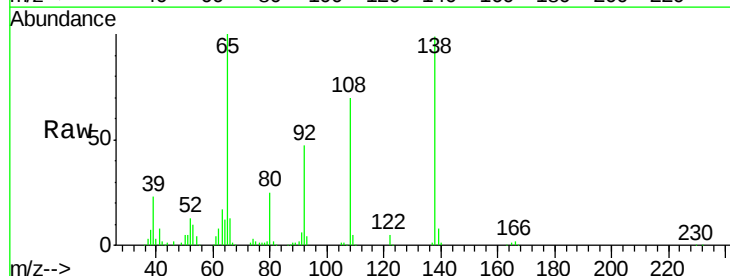
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

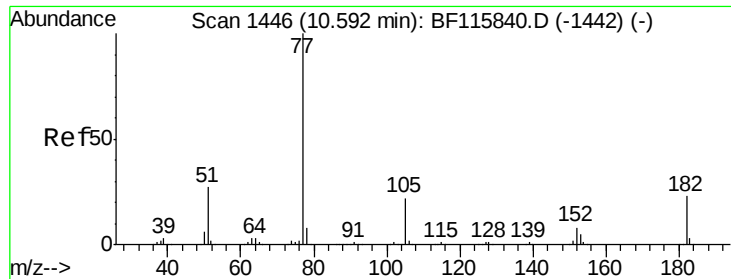
Tot Ion:	204	Resp:	326301
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	58.8	46.4	69.6



#62
 4-Nitroaniline
 Concen: 37.773 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:	138	Resp:	180195
Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.0	69.0
108	70.8	54.7	94.7

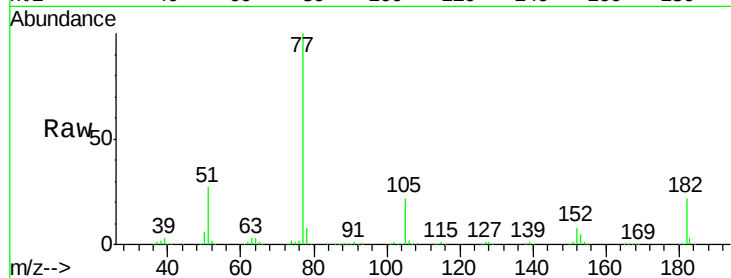




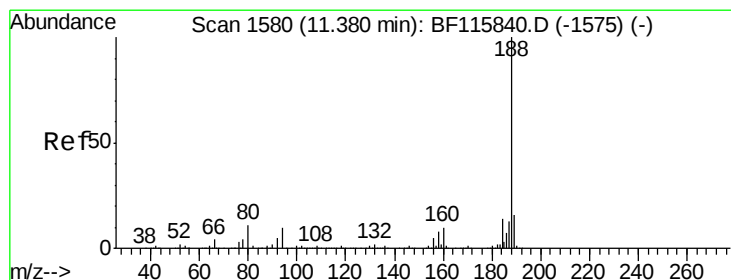
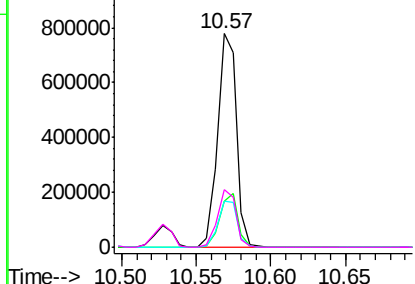
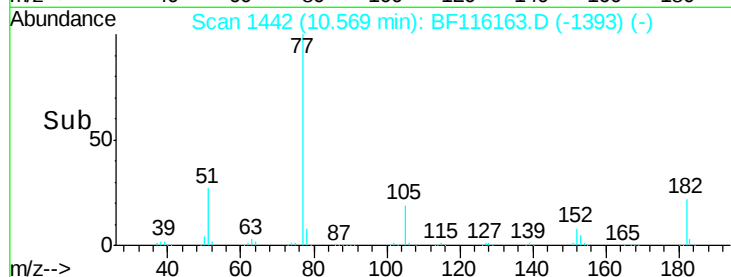
#63
Azobenzene
Concen: 41.665 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 687798
Ion Ratio Lower Upper
77 100
182 21.9 4.0 44.0
105 21.7 2.0 42.0
51 26.9 7.5 47.5

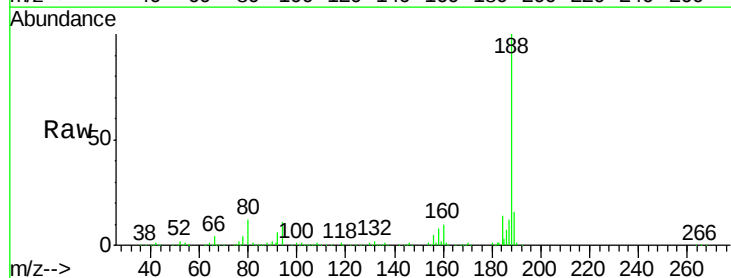


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

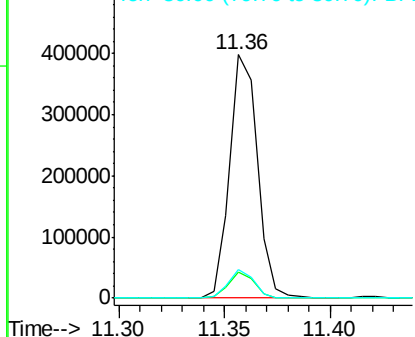
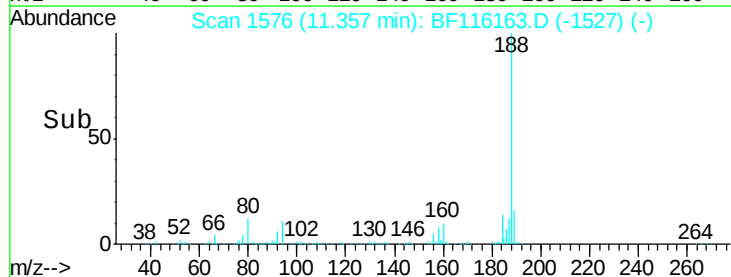


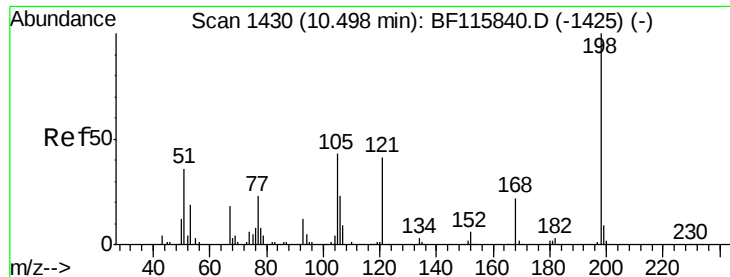
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion: 188 Resp: 361468
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.8 8.7 13.1



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

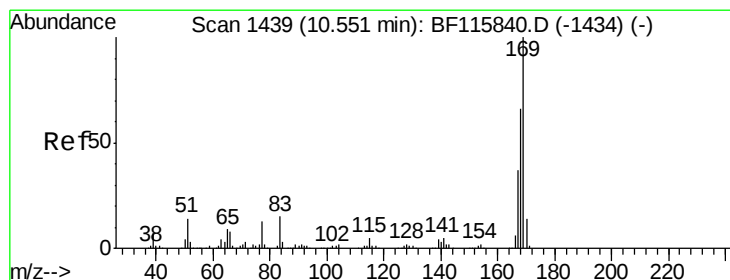
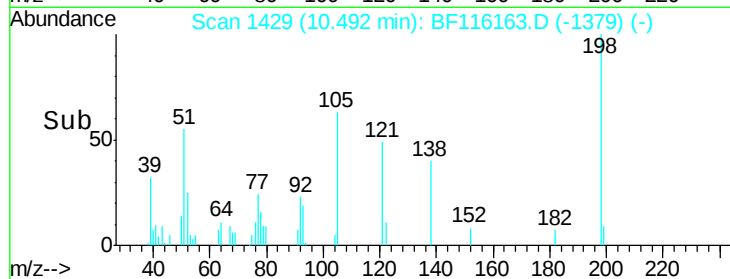
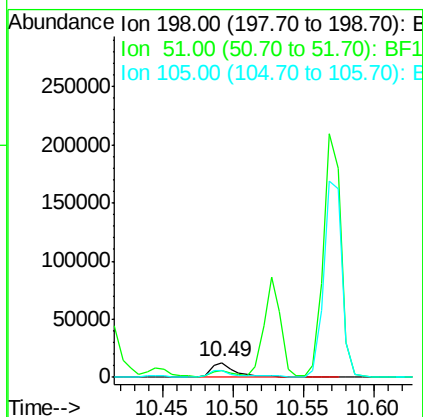
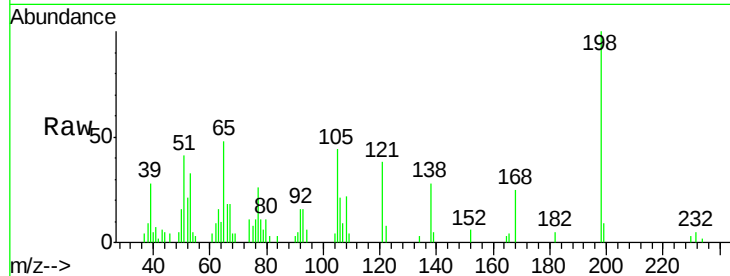




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.463 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

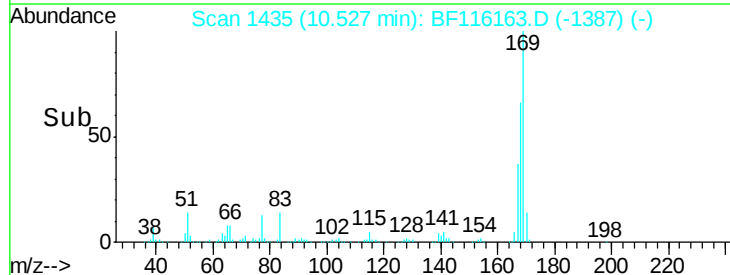
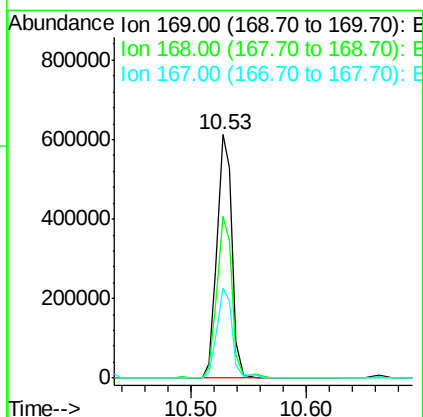
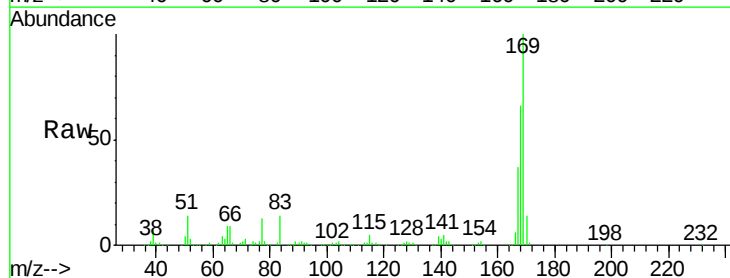
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

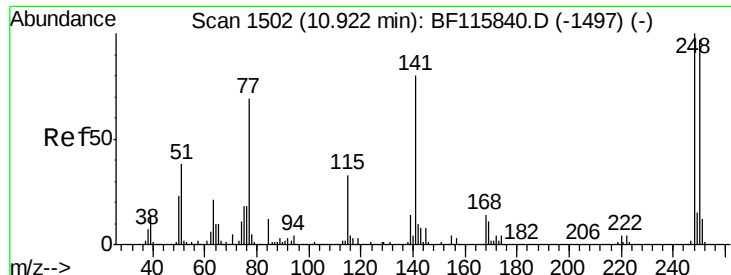
Tot Ion:198 Resp: 16211
 Ion Ratio Lower Upper
 198 100
 51 41.4 17.0 57.0
 105 44.0 21.6 61.6



#66
 n-Nitrosodiphenylamine
 Concen: 50.371 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:169 Resp: 548029
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.6
 167 36.8 29.6 44.4

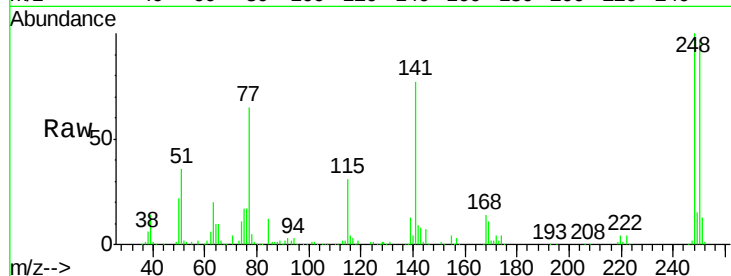




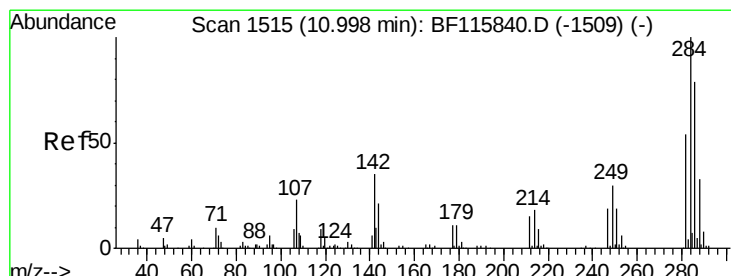
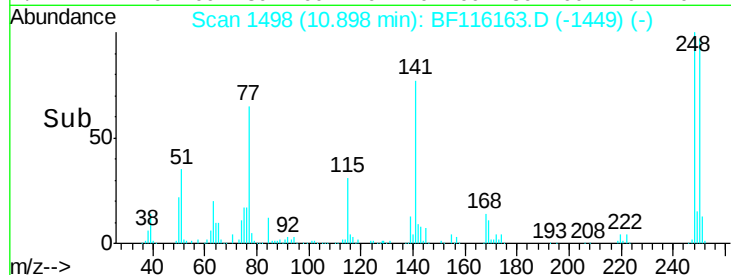
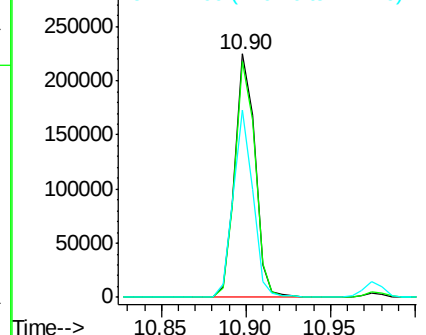
#67
 4-Bromophenyl-phenylether
 Concen: 48.373 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 187180
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.4 116.2
 141 77.0 56.8 85.2

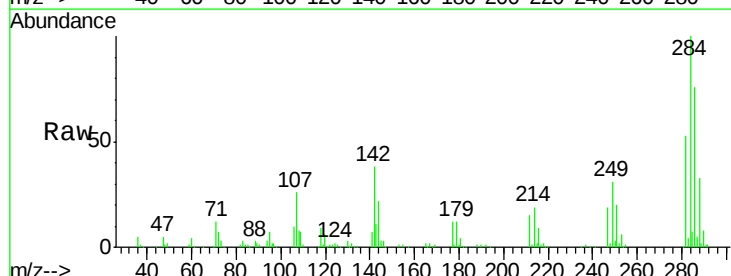


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

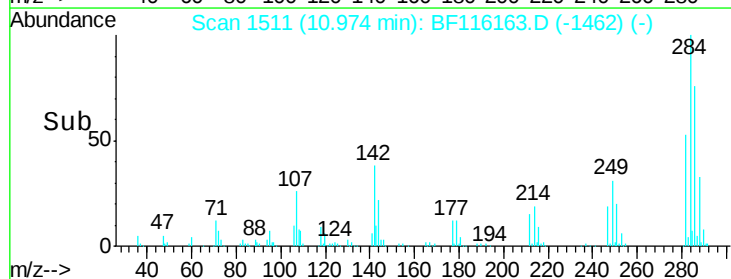
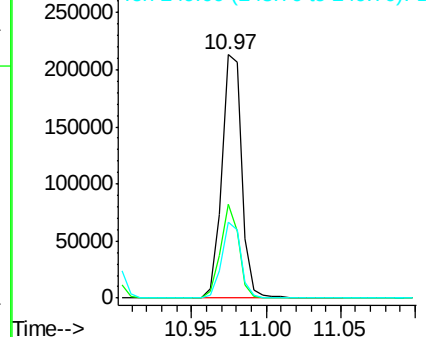


#68
 Hexachlorobenzene
 Concen: 44.758 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:284 Resp: 200267
 Ion Ratio Lower Upper
 284 100
 142 38.4 28.4 42.6
 249 31.2 24.5 36.7



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

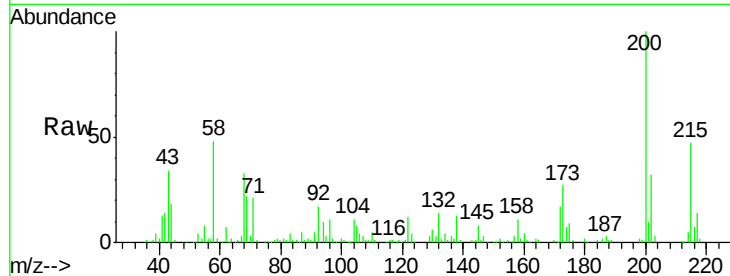




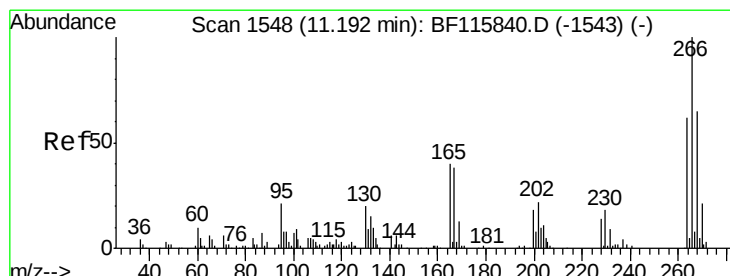
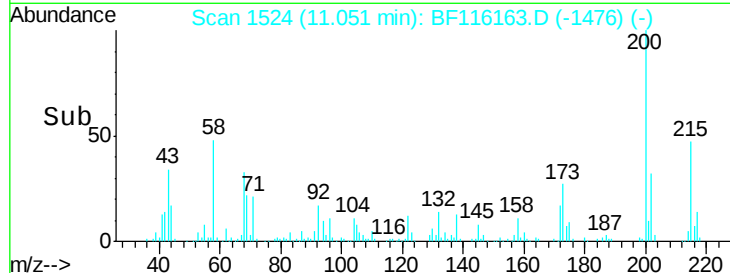
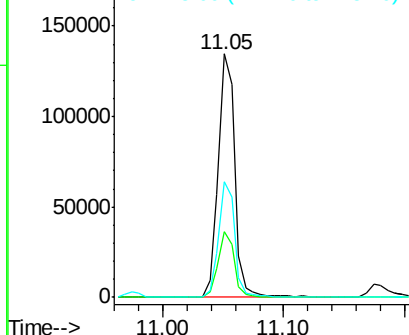
#69
 Atrazine
 Concen: 35.395 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:200 Resp: 126689
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.8 46.8
 215 47.3 27.5 67.5

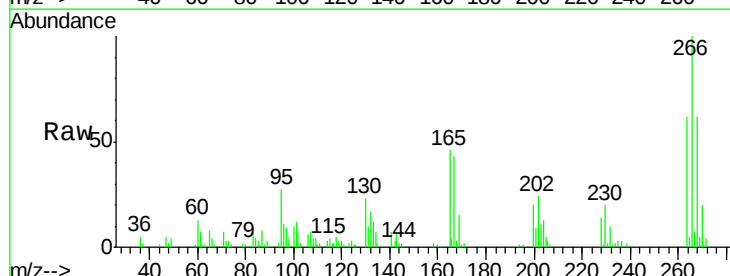


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

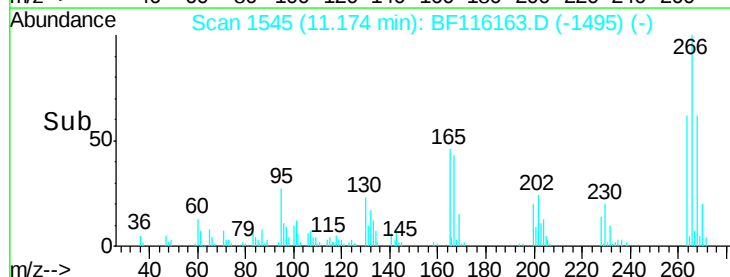
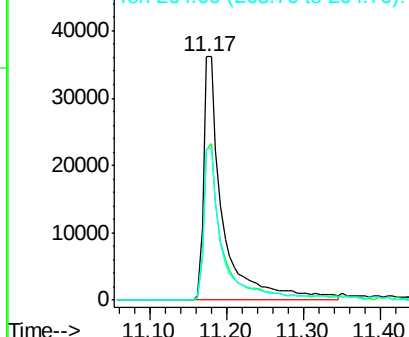


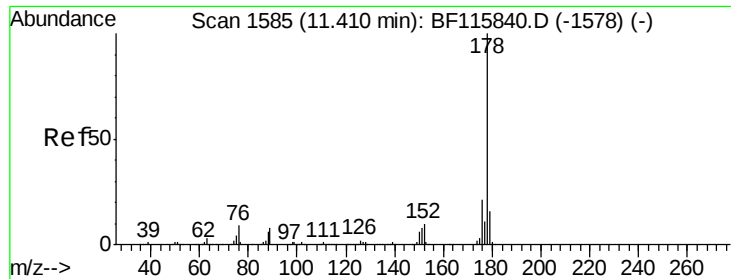
#70
 Pentachlorophenol
 Concen: 28.744 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:266 Resp: 62441
 Ion Ratio Lower Upper
 266 100
 268 61.5 48.8 73.2
 264 62.1 50.6 76.0



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





#71

Phenanthrene

Concen: 43.878 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

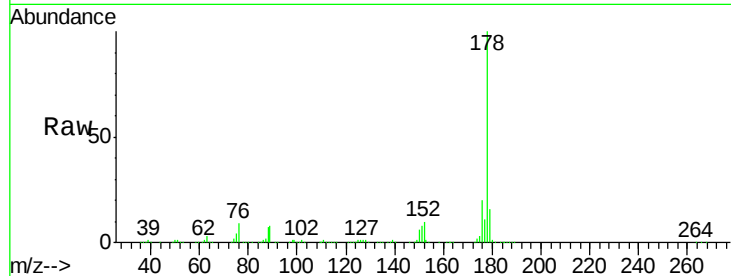
Tot Ion:178 Resp: 810816

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

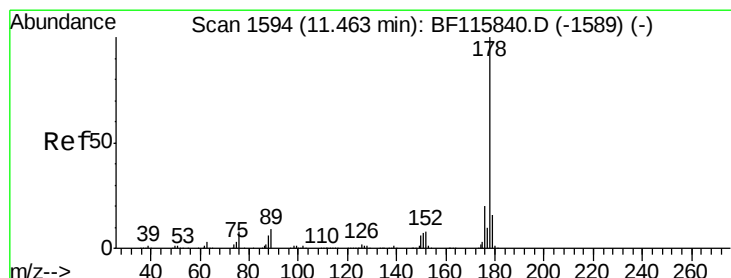
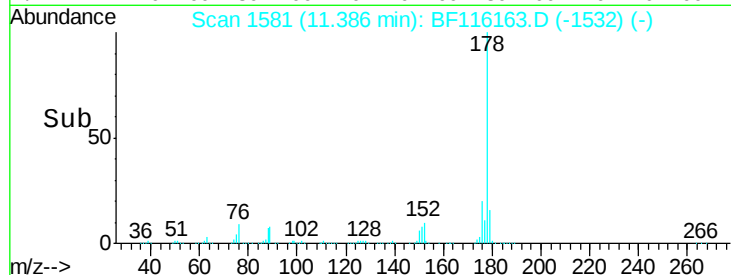
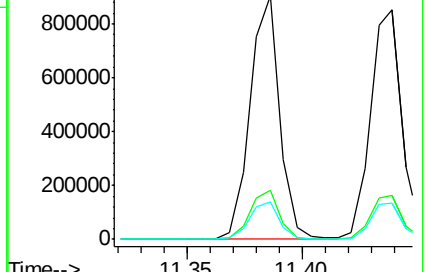
179 15.7 12.5 18.7



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



#72

Anthracene

Concen: 44.096 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

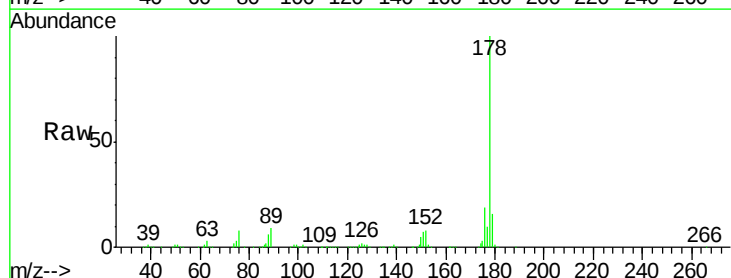
Tgt Ion:178 Resp: 824659

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

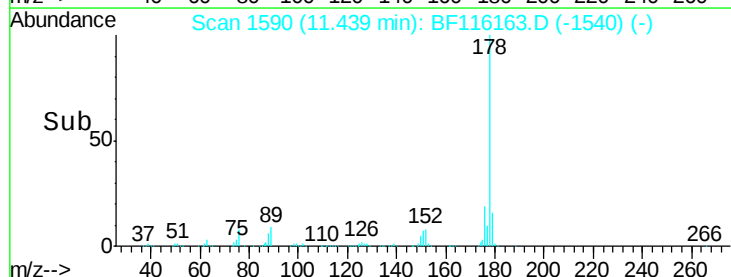
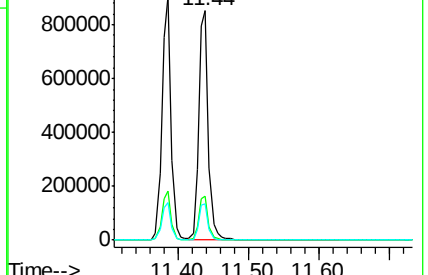
179 15.8 13.0 19.6

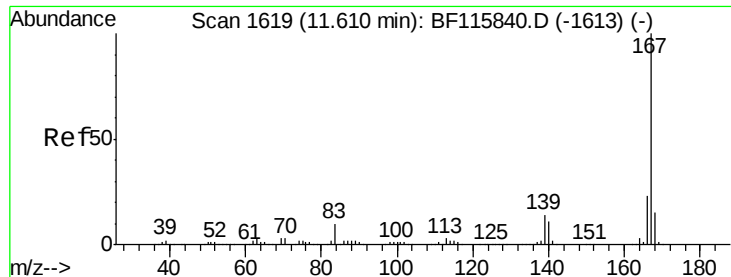


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

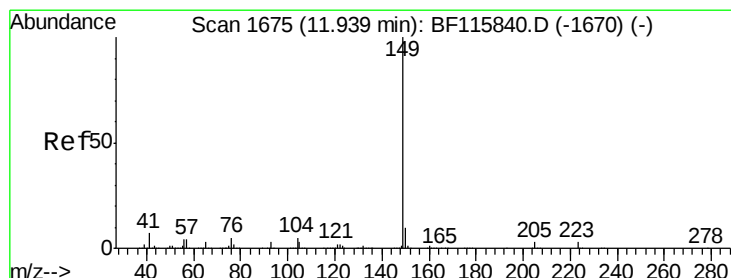
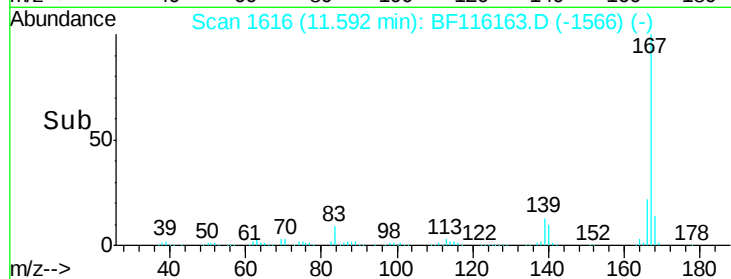
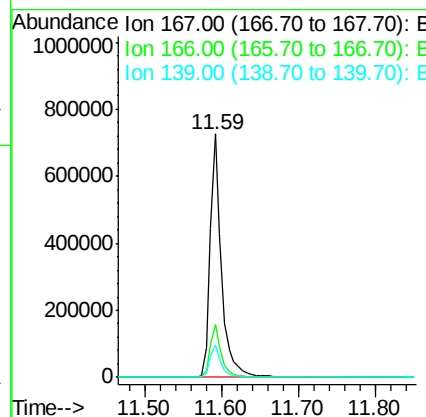
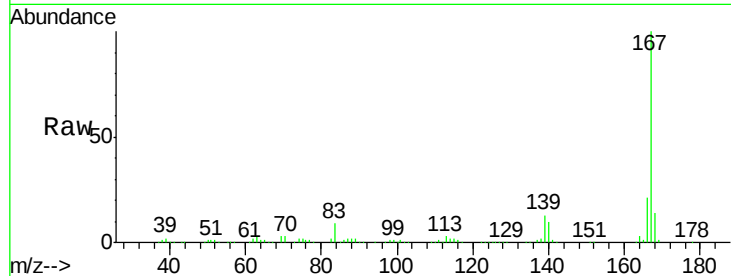




#73
 Carbazole
 Concen: 43.727 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

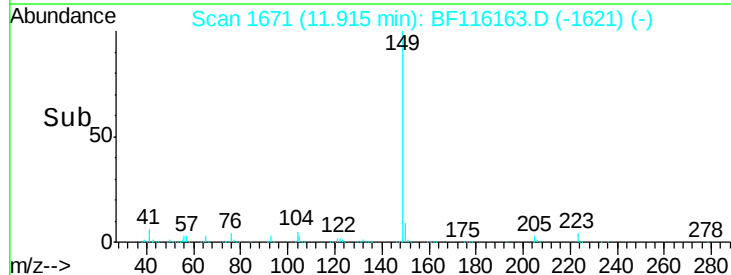
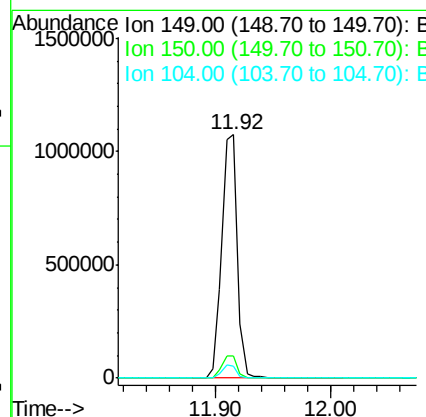
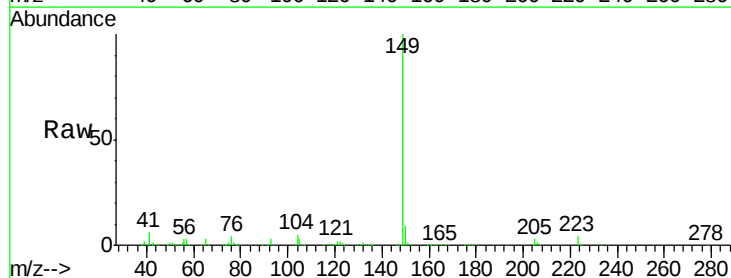
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 741913
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 13.2 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 50.798 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:149 Resp: 1005431
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.0 12.0
 104 4.8 4.5 6.7

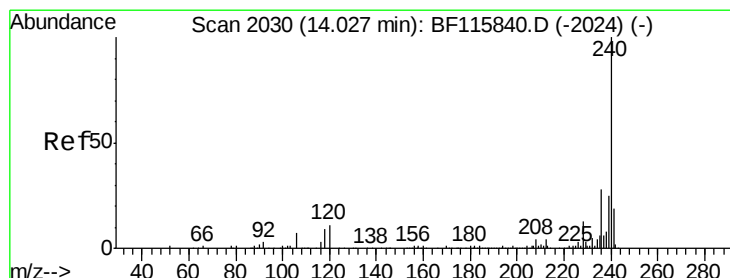
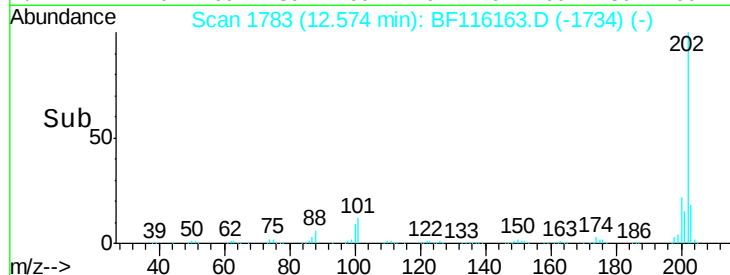
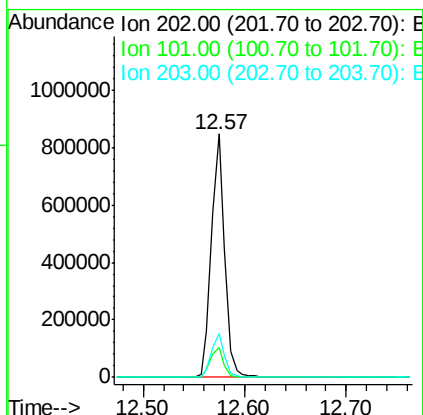
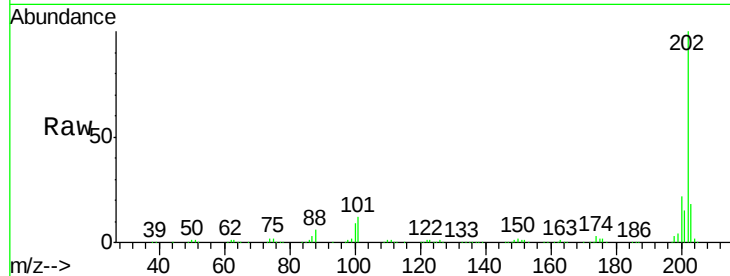




#75
Fluoranthene
 Concen: 40.175 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

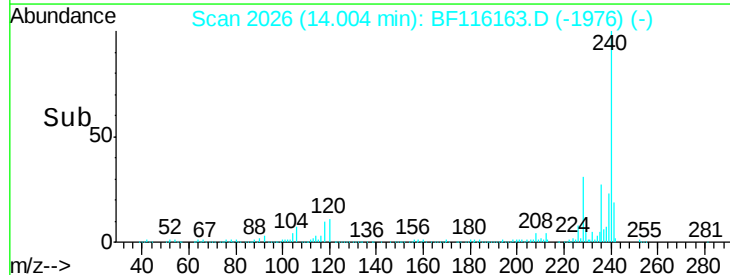
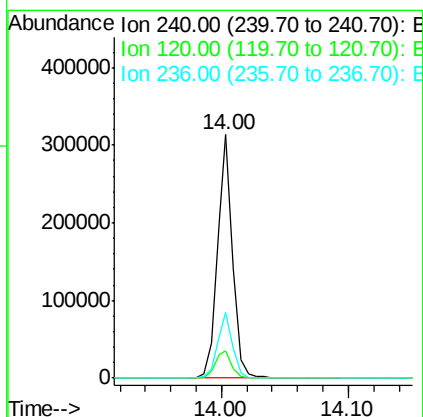
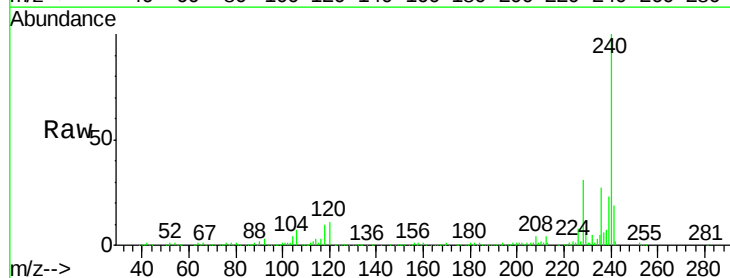
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

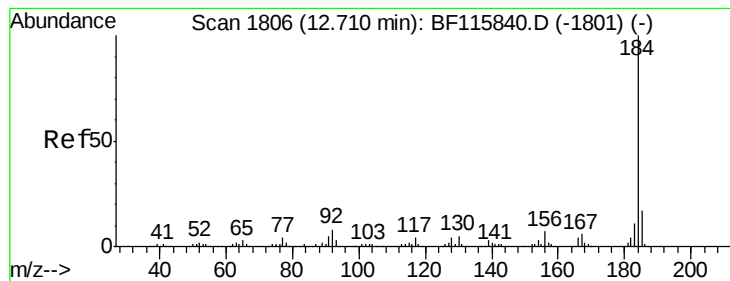
Tot Ion:202 Resp: 777222
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.2
 203 17.9 0.0 37.8



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion:240 Resp: 262241
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.7 16.1
 236 26.9 22.2 33.2





#77

Benzidine

Concen: 41.604 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

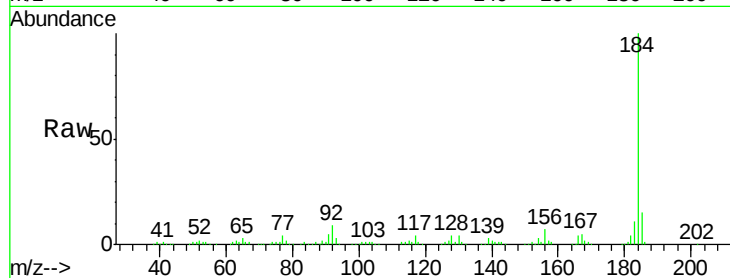
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 368592

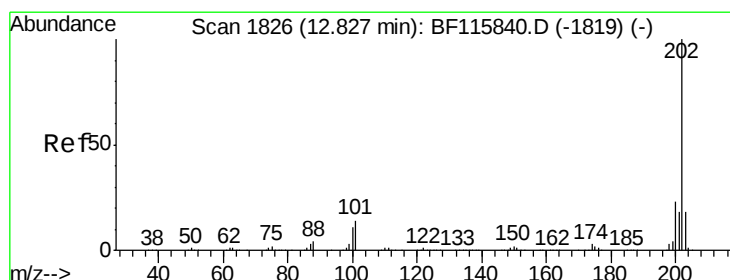
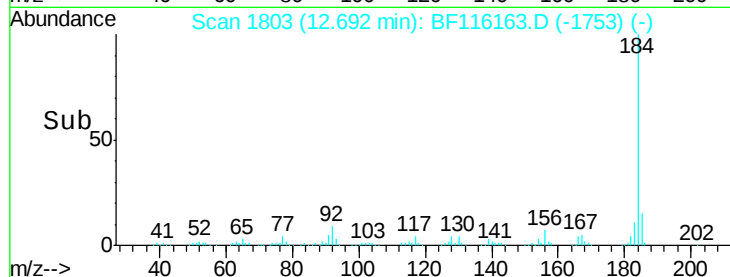
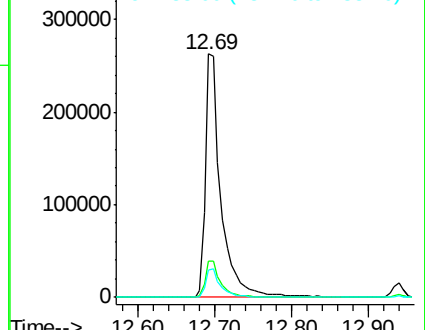
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.8	19.2
183	11.3	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.327 ng

RT: 12.80 min Scan# 1822

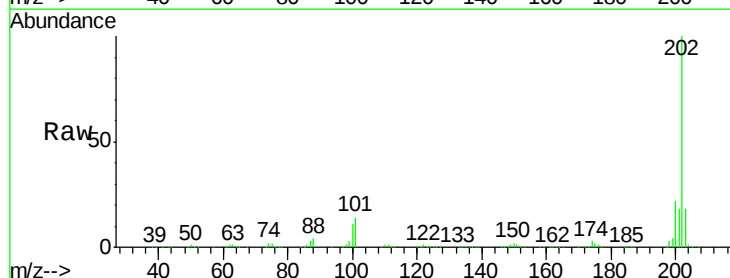
Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Tgt Ion:202 Resp: 797186

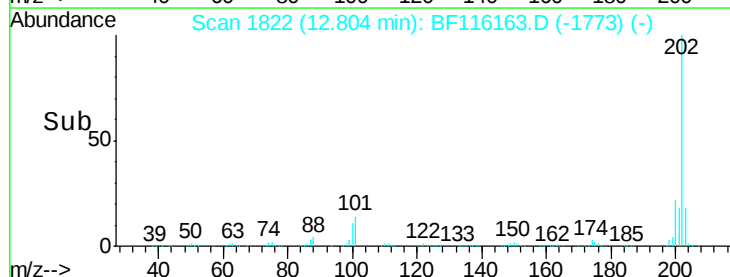
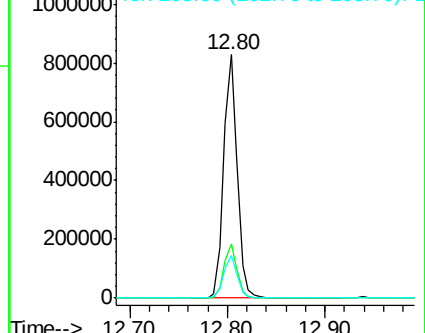
Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.0	27.0
203	17.6	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.192 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

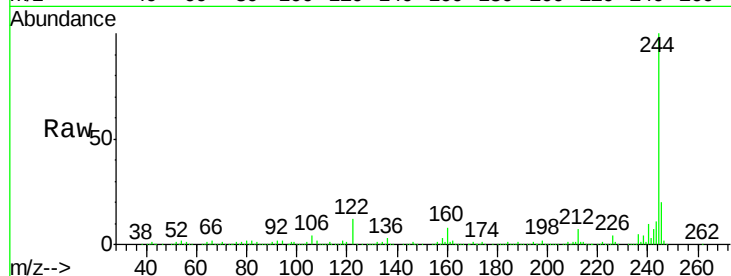
Tot Ion:244 Resp: 1060228

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

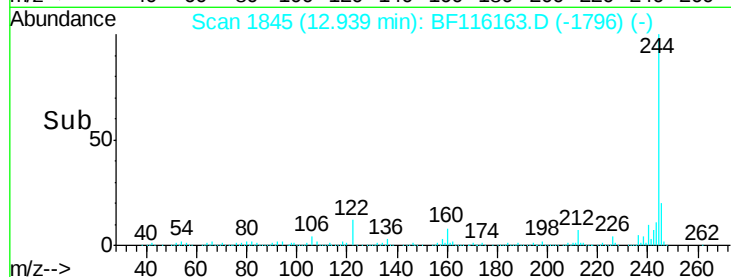
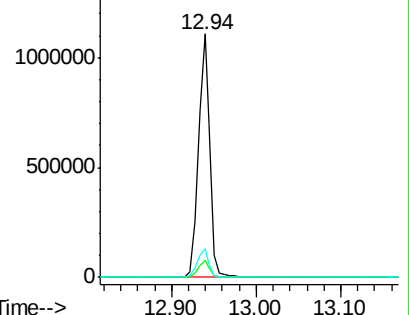
122 11.9 9.0 13.4



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: 44.272 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

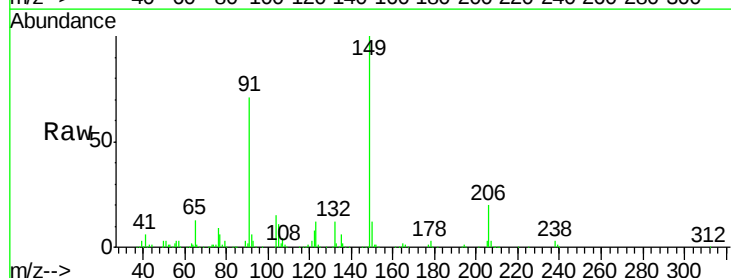
Tgt Ion:149 Resp: 370202

Ion Ratio Lower Upper

149 100

91 71.4 56.3 84.5

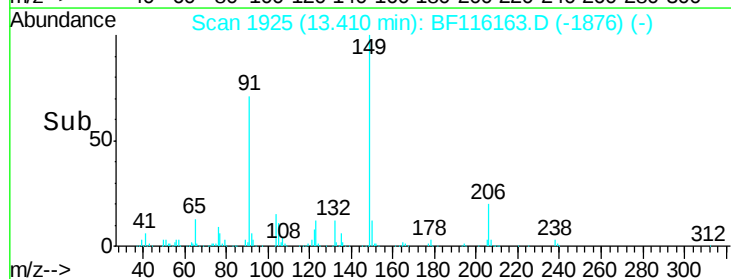
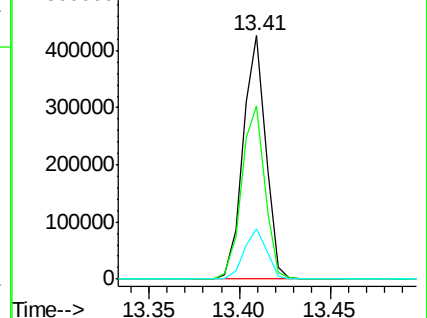
206 20.4 18.0 27.0



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

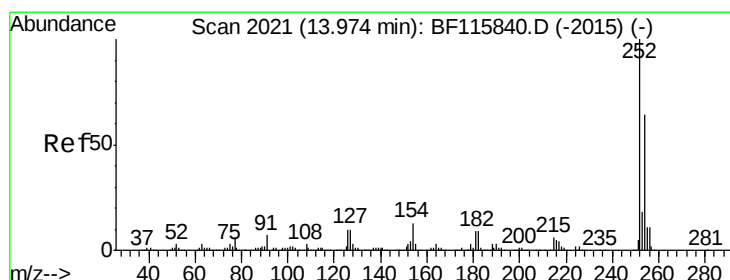
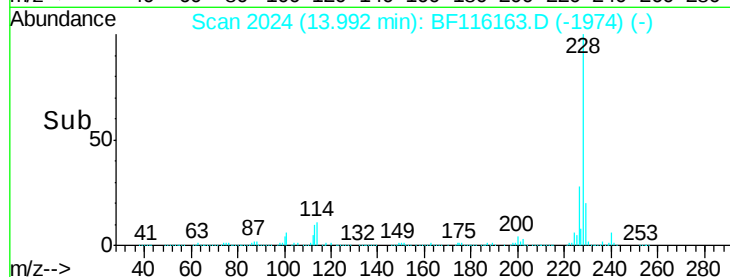
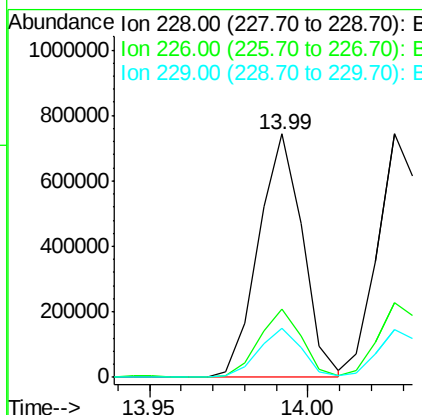
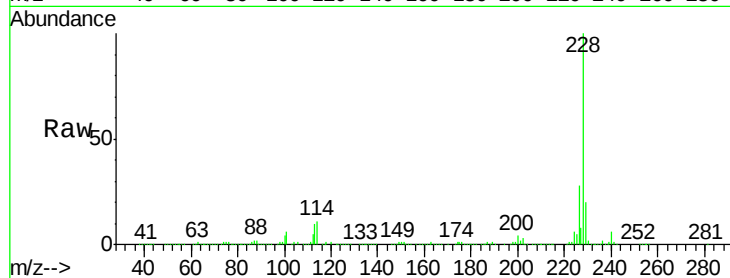




#81
Benzo(a)anthracene
Concen: 42.795 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

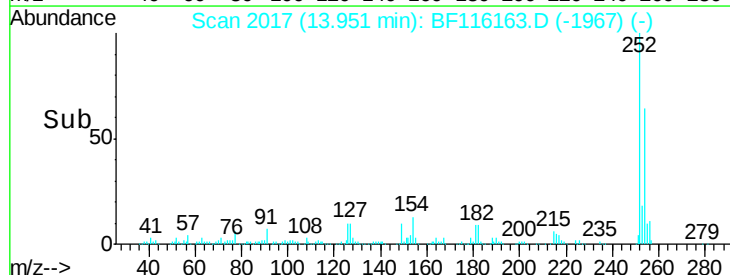
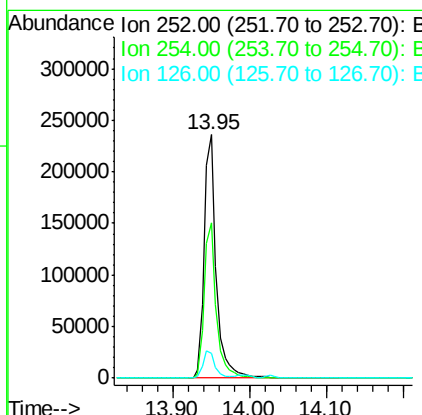
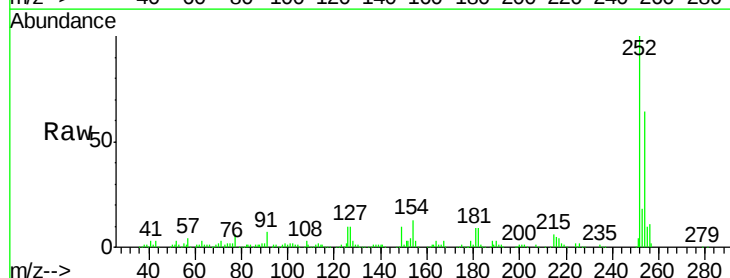
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

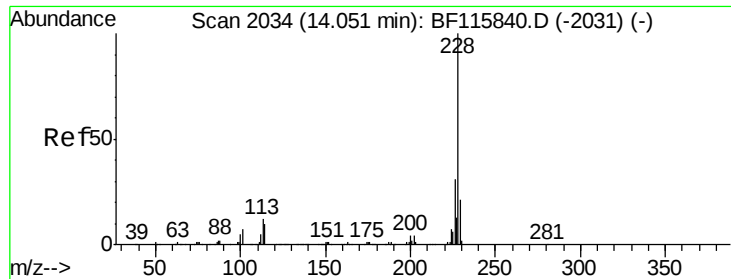
Tot Ion:228 Resp: 717301
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.3 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 44.551 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:252 Resp: 259432
Ion Ratio Lower Upper
252 100
254 63.7 50.9 76.3
126 10.3 9.8 14.8

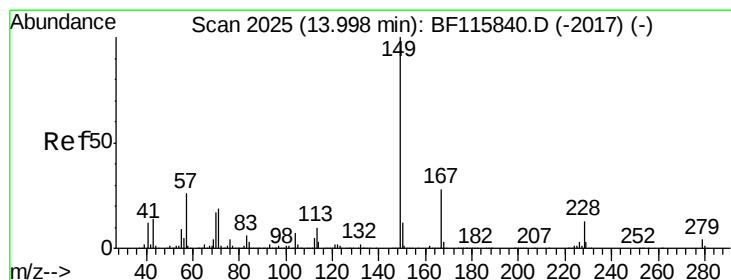
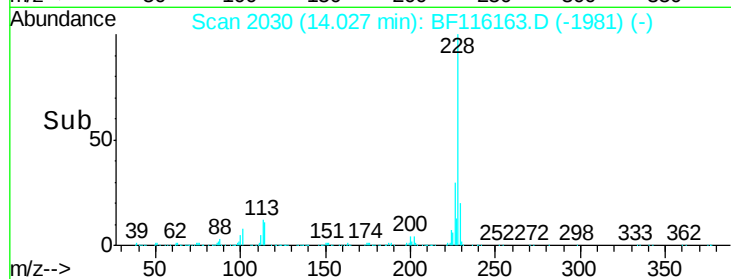
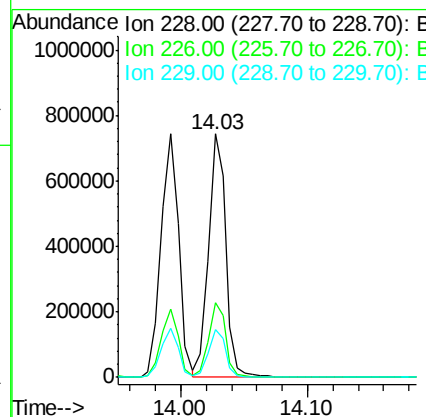
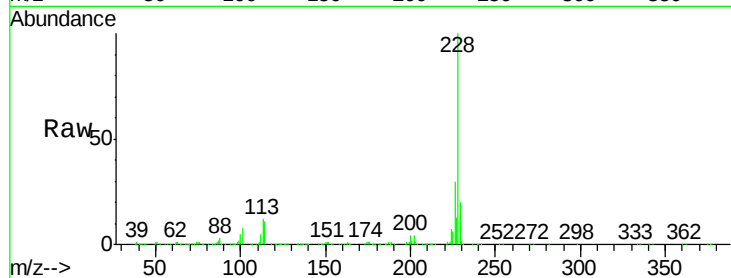




#83
 Chrvsene
 Concen: 43.291 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

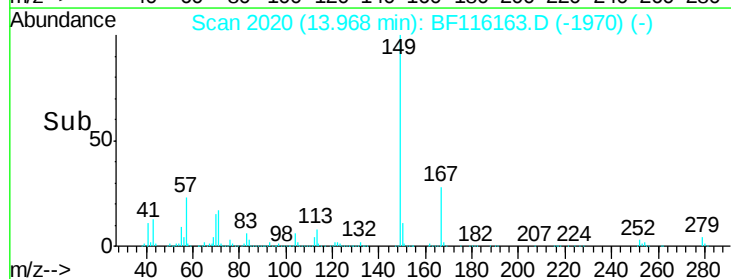
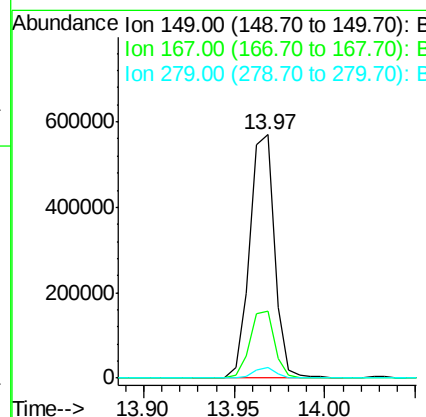
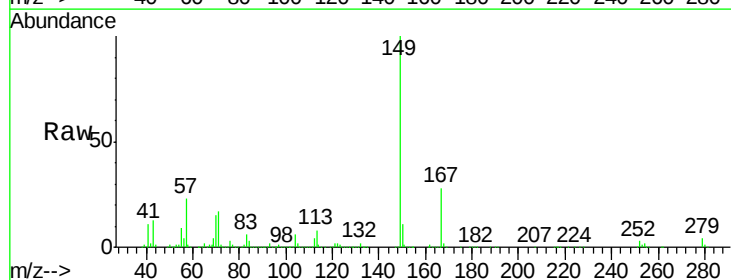
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

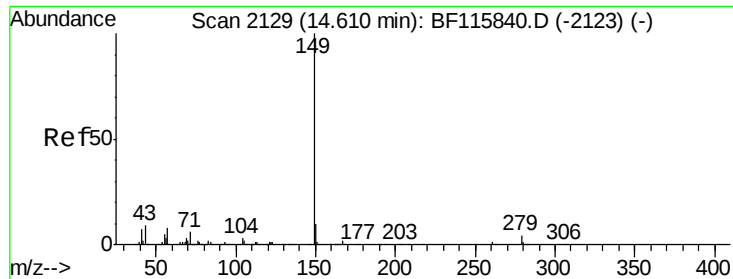
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	19.9	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.060 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116163.D
 Acq: 10 Aug 2019 23:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 52.174 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

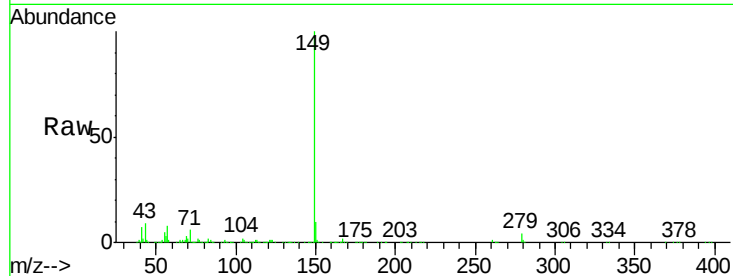
Tot Ion:149 Resp: 900513

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

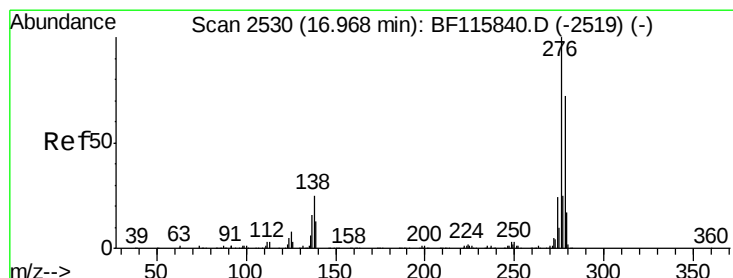
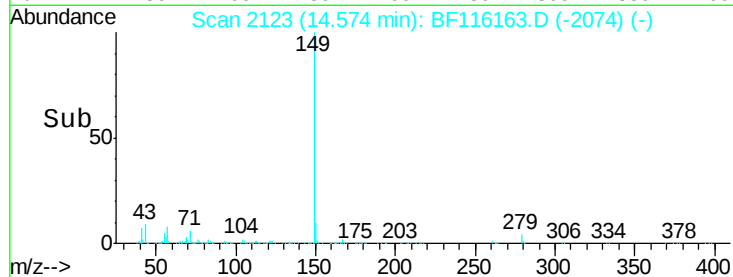
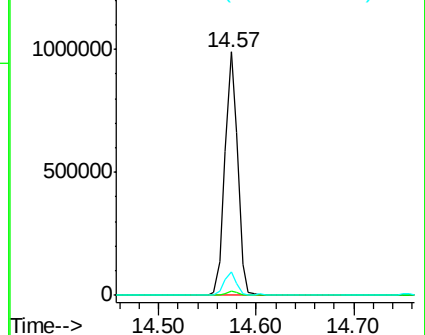
43 9.3 7.5 11.3



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: 41.647 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116163.D

Acq: 10 Aug 2019 23:04

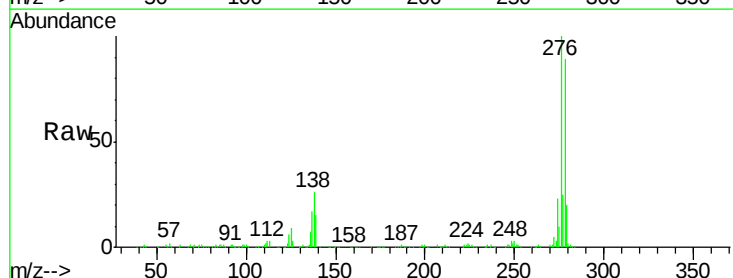
Tgt Ion:276 Resp: 569208

Ion Ratio Lower Upper

276 100

138 25.9 20.4 30.6

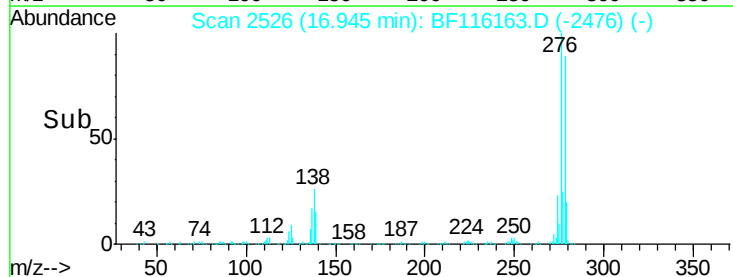
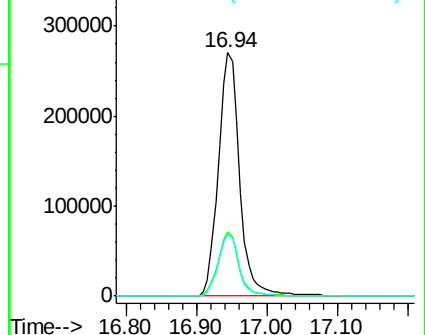
277 25.1 20.0 30.0

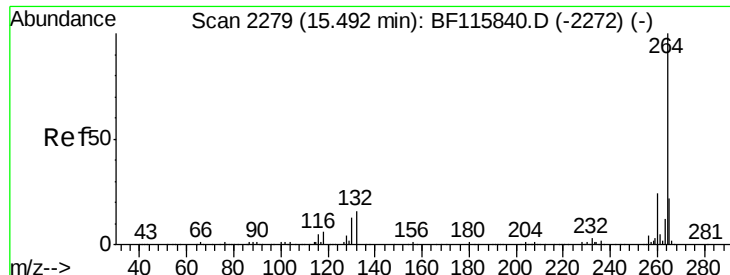


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



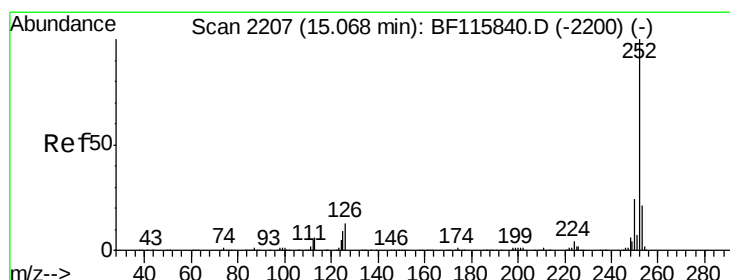
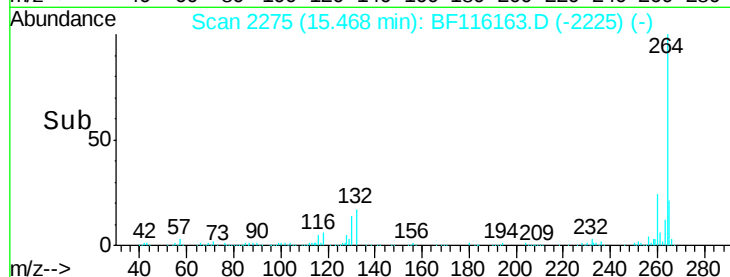
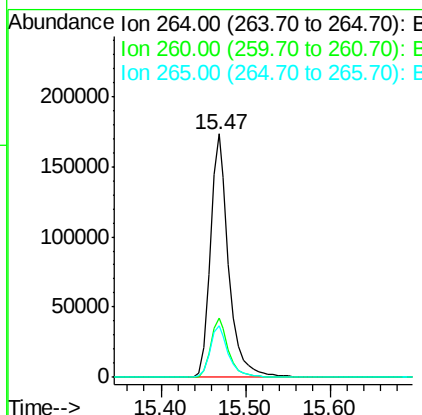
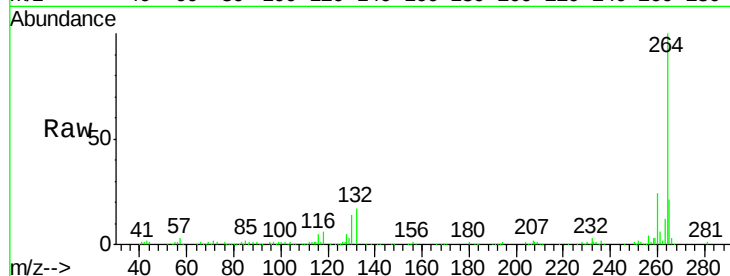


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 263201

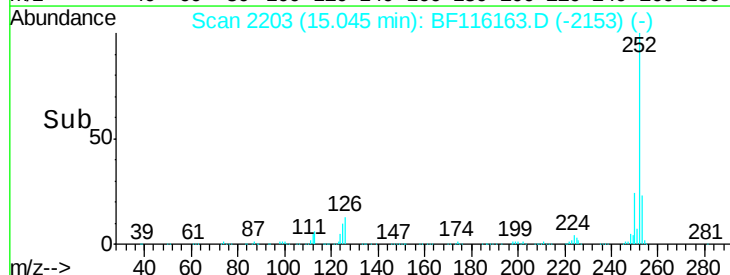
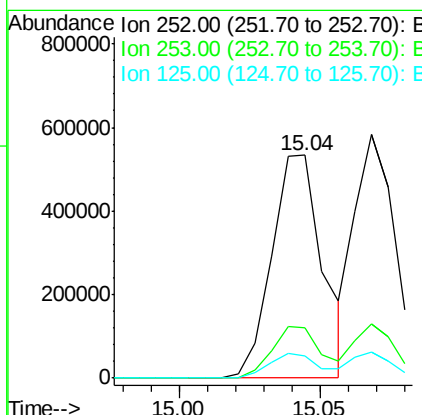
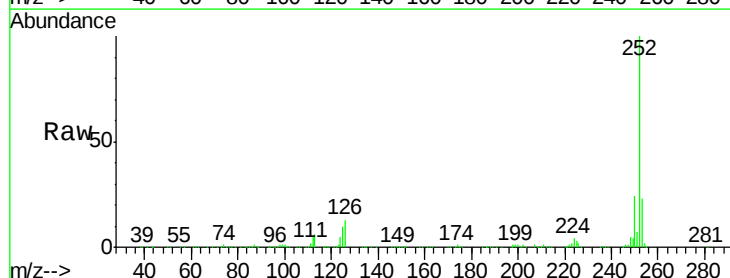
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.4	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 43.858 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:252 Resp: 667458

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.7	8.4	12.6

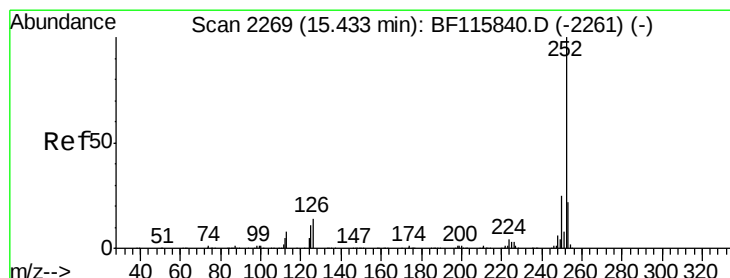
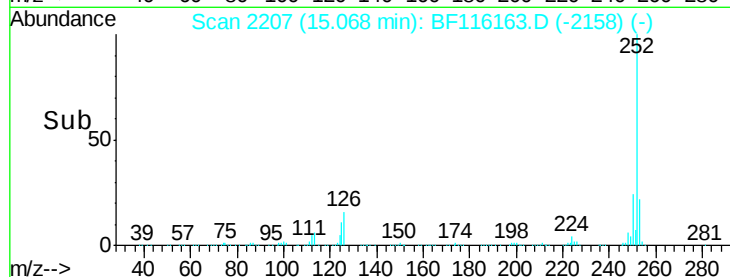
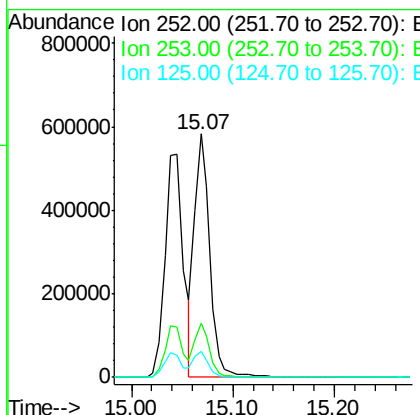
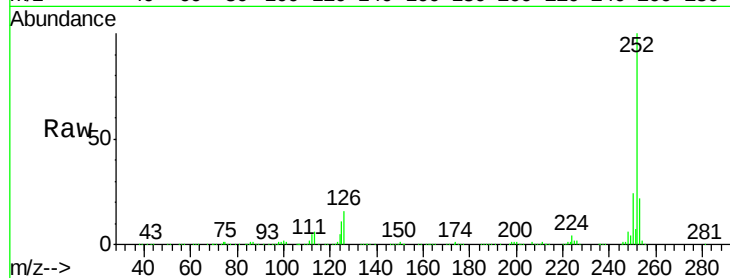




#89
Benzo(k)fluoranthene
Concen: 40.977 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

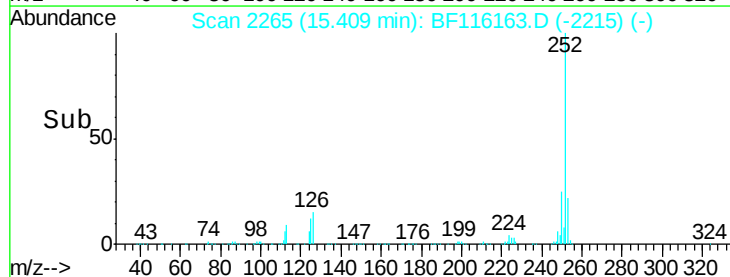
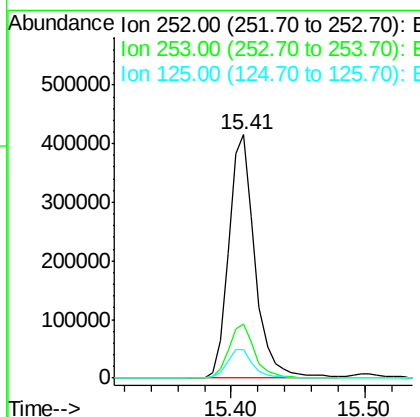
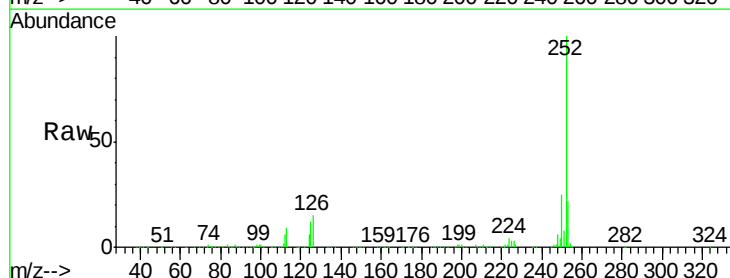
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 607408
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.938 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:252 Resp: 570533
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.9 8.9 13.3

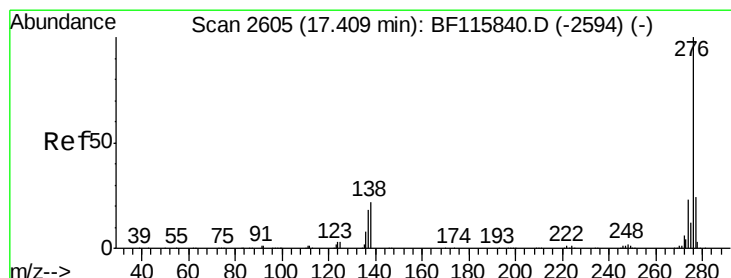
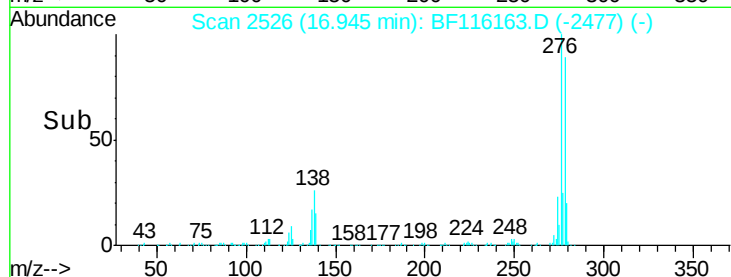
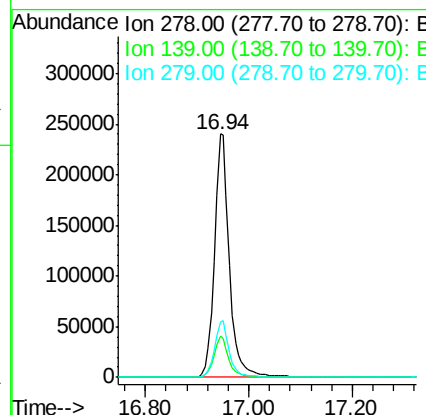
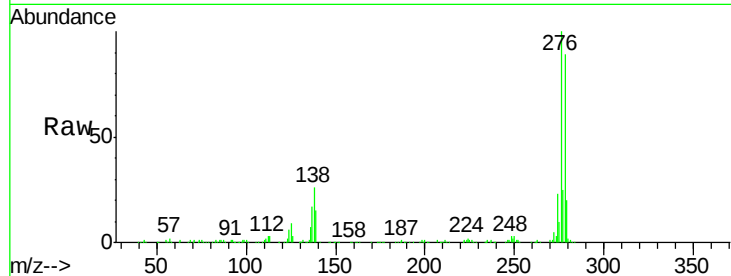




#91
Dibenzo(a,h)anthracene
Concen: 40.887 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 481483
Ion Ratio Lower Upper
278 100
139 17.0 12.8 19.2
279 22.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.944 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116163.D
Acq: 10 Aug 2019 23:04

Tgt Ion:276 Resp: 438827
Ion Ratio Lower Upper
276 100
277 24.1 18.4 27.6
138 22.3 17.0 25.6

