

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113287.D
 Acq On : 26 Mar 2019 12:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 27 04:55:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	151883	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	633133	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	327710	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	662776	20.00	ng	0.00
76) Chrysene-d12	13.84	240	537023	20.00	ng	0.00
87) Perylene-d12	15.24	264	508990	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	774494	83.38	ng	0.00
7) Phenol-d6	6.35	99	924079	78.64	ng	0.00
23) Nitrobenzene-d5	7.27	82	858642	80.49	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	328462	81.14	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1686111	79.50	ng	0.00
79) Terphenyl-d14	12.80	244	1910546	78.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	193224	40.999	ng	98
3) Pyridine	3.06	79	454393	39.110	ng	97
4) n-Nitrosodimethylamine	3.00	42	205406	39.769	ng	95
6) Aniline	6.37	93	584273	40.830	ng	# 81
8) 2-Chlorophenol	6.49	128	427036	39.589	ng	98
9) Benzaldehyde	6.25	77	331191	42.001	ng	99
10) Phenol	6.36	94	523895	39.052	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	401117	39.007	ng	98
12) 1,3-Dichlorobenzene	6.65	146	452662	38.931	ng	99
13) 1,4-Dichlorobenzene	6.72	146	460211	40.993	ng	99
14) 1,2-Dichlorobenzene	6.87	146	425725	38.546	ng	98
15) Benzyl Alcohol	6.85	79	318270	41.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	645858	41.808	ng	97
17) 2-Methylphenol	6.97	107	341696	40.421	ng	96
18) Hexachloroethane	7.22	117	165481	41.039	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	283248	38.375	ng	96
20) 3+4-Methylphenols	7.13	107	411833	41.898	ng	94
22) Acetophenone	7.12	105	548867	38.013	ng	99
24) Nitrobenzene	7.29	77	442486	39.752	ng	95
25) Isophorone	7.53	82	808222	39.097	ng	98
26) 2-Nitrophenol	7.60	139	233026	39.605	ng	97
27) 2,4-Dimethylphenol	7.65	122	337832	39.916	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	523205	40.191	ng	100
29) 2,4-Dichlorophenol	7.85	162	380236	41.457	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	406827	41.112	ng	98
31) Naphthalene	8.01	128	1273078	41.147	ng	100
32) Benzoic acid	7.79	122	263687	38.704	ng	99
33) 4-Chloroaniline	8.06	127	538729	44.653	ng	98
34) Hexachlorobutadiene	8.13	225	250356	42.567	ng	99
35) Caprolactam	8.43	113	136401	46.338	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	417054	45.208	ng	97
37) 2-Methylnaphthalene	8.70	142	875326	45.341	ng	98
38) 1-Methylnaphthalene	8.80	142	841497	45.317	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	416796	39.622	ng	99

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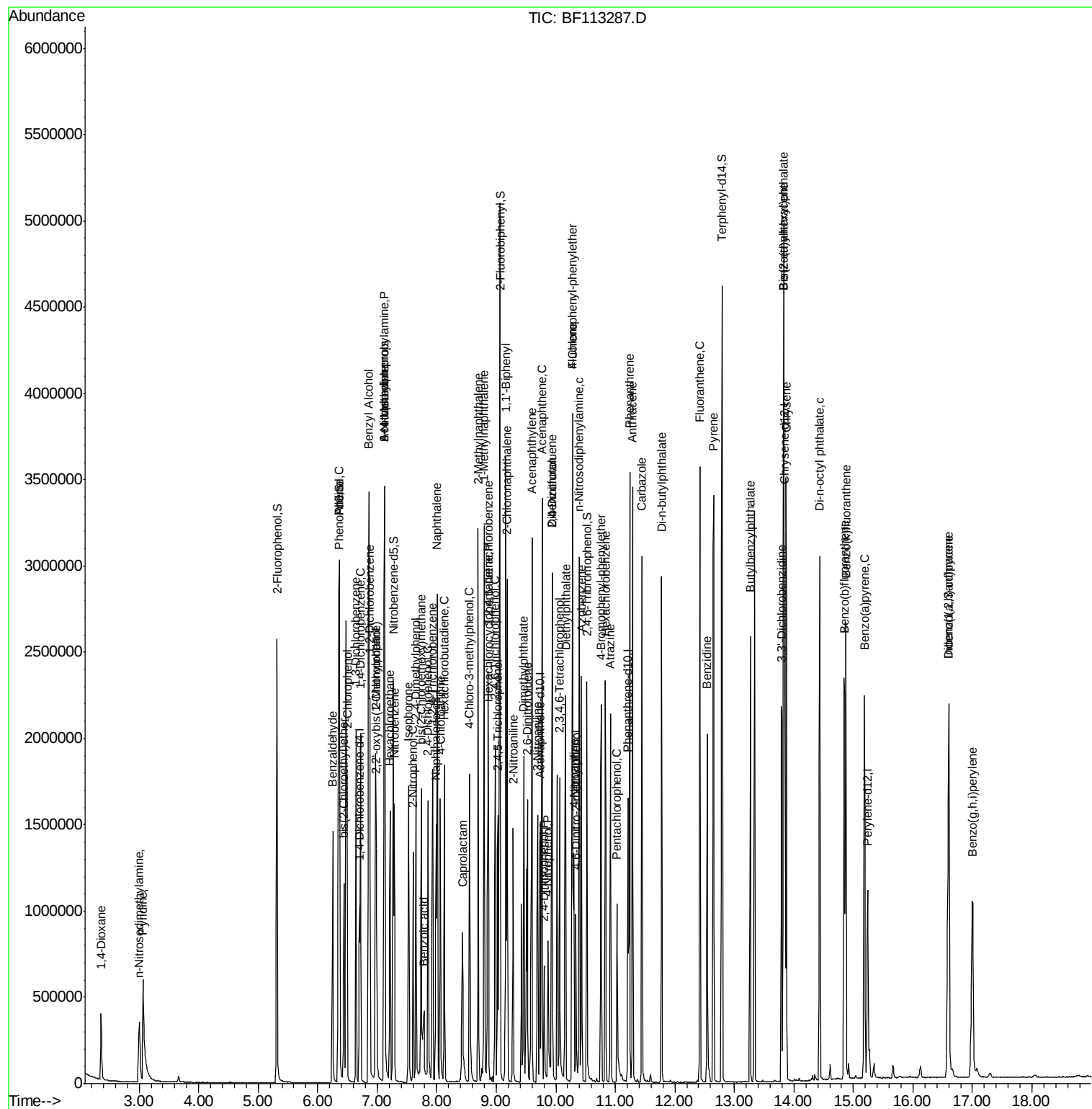
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	166385	37.368	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	270629	39.507	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	302668	39.924	ng	97
46) 1,1'-Biphenyl	9.16	154	1079458	39.439	ng	99
47) 2-Chloronaphthalene	9.19	162	825061	39.151	ng	99
48) 2-Nitroaniline	9.28	65	271452	41.046	ng	94
49) Acenaphthylene	9.60	152	1374759	40.346	ng	99
50) Dimethylphthalate	9.46	163	977128	40.234	ng	99
51) 2,6-Dinitrotoluene	9.53	165	224794	41.030	ng	91
52) Acenaphthene	9.77	154	768494	40.049	ng	100
53) 3-Nitroaniline	9.69	138	257438	41.666	ng	91
54) 2,4-Dinitrophenol	9.80	184	96856	35.544	ng	94
55) Dibenzofuran	9.94	168	1168860	40.519	ng	99
56) 4-Nitrophenol	9.87	139	180177	40.904	ng	93
57) 2,4-Dinitrotoluene	9.93	165	286339	41.097	ng	95
58) Fluorene	10.29	166	881301	39.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	272606	42.522	ng	99
60) Diethylphthalate	10.16	149	943701	39.611	ng	98
61) 4-Chlorophenyl-phenylether	10.27	204	435426	39.866	ng	96
62) 4-Nitroaniline	10.30	138	267985	42.127	ng	97
63) Azobenzene	10.43	77	910940	40.619	ng	96
65) 4,6-Dinitro-2-methylphenol	10.34	198	138089	38.086	ng	88
66) n-Nitrosodiphenylamine	10.39	169	802583	39.463	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	293447	40.623	ng	96
68) Hexachlorobenzene	10.83	284	341699	40.752	ng	# 95
69) Atrazine	10.92	200	266361	41.494	ng	96
70) Pentachlorophenol	11.03	266	180092	41.225	ng	97
71) Phenanthrene	11.24	178	1322397	40.178	ng	100
72) Anthracene	11.29	178	1359327	40.660	ng	99
73) Carbazole	11.44	167	1317696	41.306	ng	99
74) Di-n-butylphthalate	11.78	149	1496055	40.441	ng	100
75) Fluoranthene	12.42	202	1484876	39.907	ng	99
77) Benzidine	12.54	184	882697	42.922	ng	99
78) Pyrene	12.65	202	1506634	40.486	ng	100
80) Butylbenzylphthalate	13.27	149	658257	40.136	ng	95
81) Benzo(a)anthracene	13.83	228	1238872	40.301	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	535600	43.432	ng	99
83) Chrysene	13.87	228	1285895	41.184	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	795592	39.571	ng	99
85) Di-n-octyl phthalate	14.43	149	1457849	42.718	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1134550	42.339	ng	99
88) Benzo(b)fluoranthene	14.84	252	1308338	41.379	ng	98
89) Benzo(k)fluoranthene	14.87	252	1056818	38.061	ng	98
90) Benzo(a)pyrene	15.19	252	1106511	39.475	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	936918	38.656	ng	99
92) Benzo(g,h,i)perylene	17.00	276	935384	38.276	ng	99

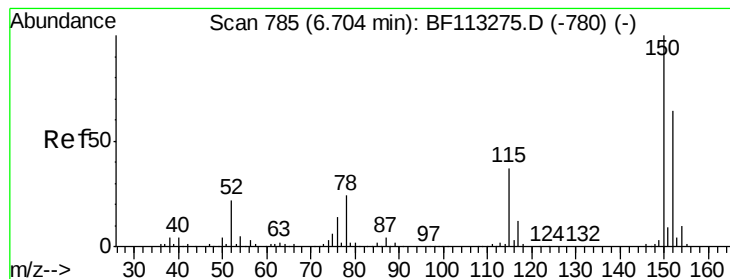
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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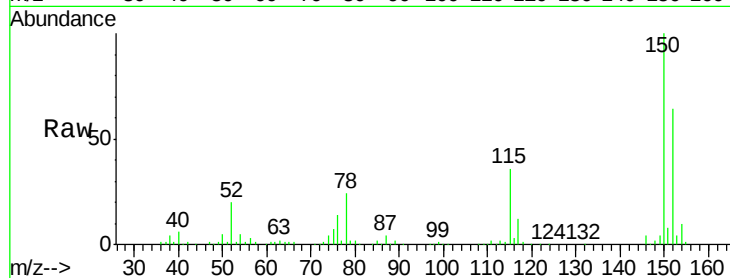


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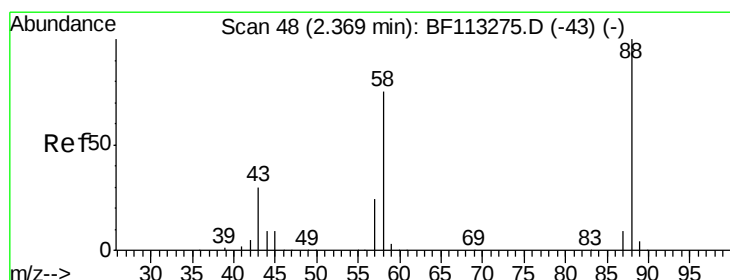
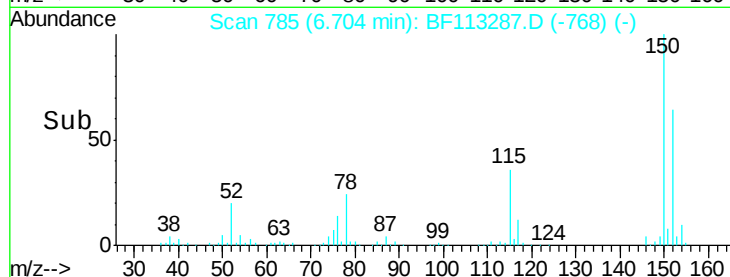
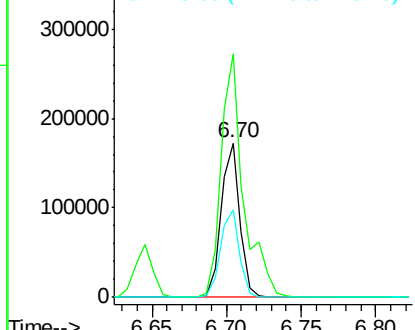
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 151883
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 56.7 46.0 69.0



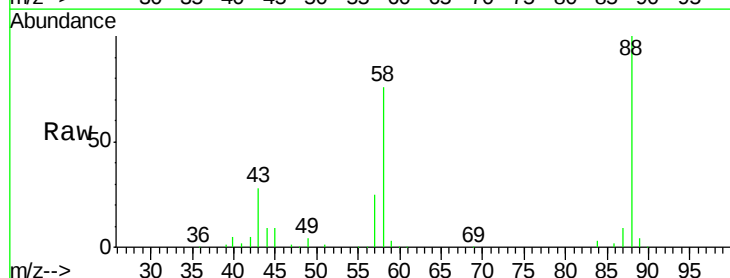
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



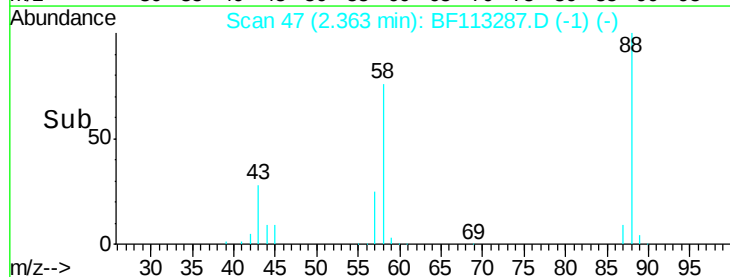
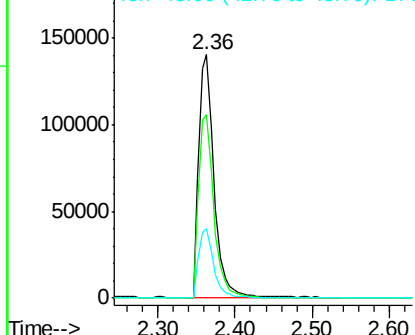
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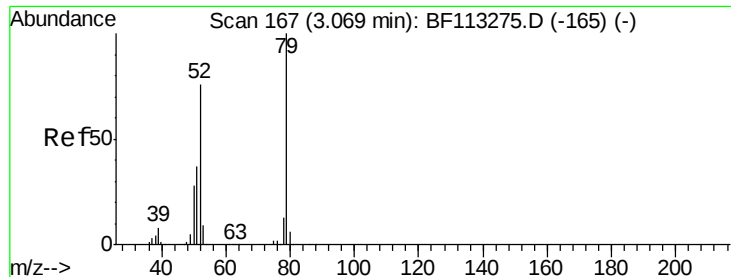
1,4-Dioxane
Concen: 40.999 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion: 88 Resp: 193224
Ion Ratio Lower Upper
88 100
58 75.8 61.9 92.9
43 28.9 24.2 36.4



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





#3

Pyridine

Concen: 39.110 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

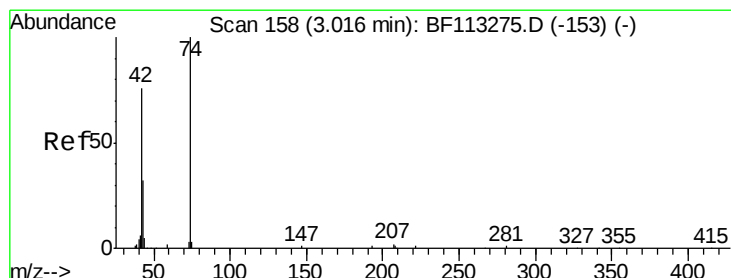
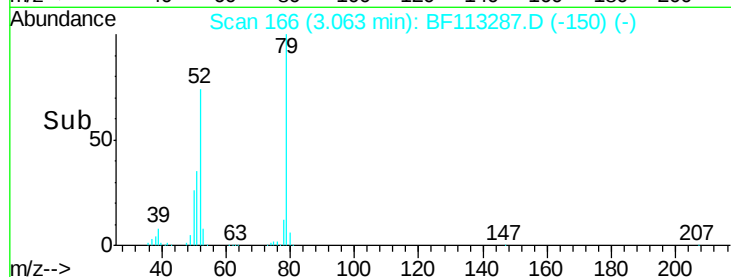
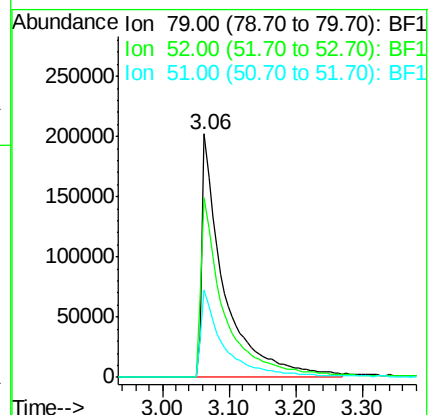
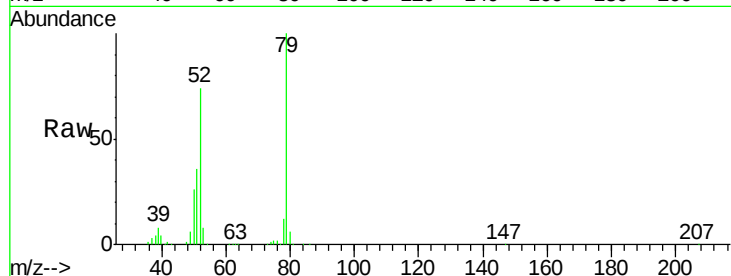
Tgt Ion: 79 Resp: 454393

Ion Ratio Lower Upper

79 100

52 73.5 61.0 91.4

51 35.7 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 39.769 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

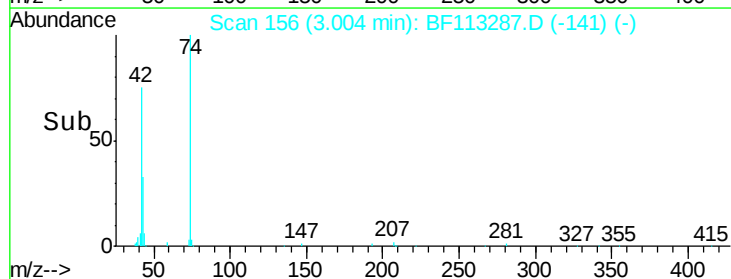
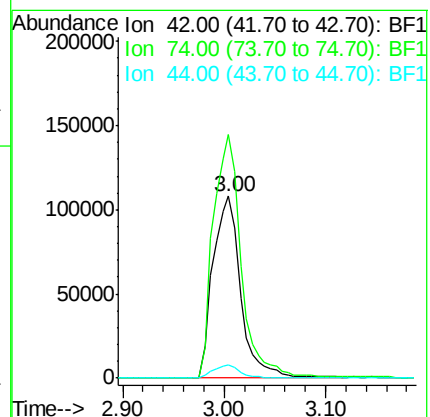
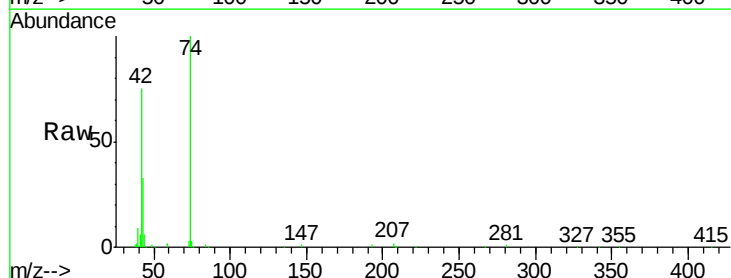
Tgt Ion: 42 Resp: 205406

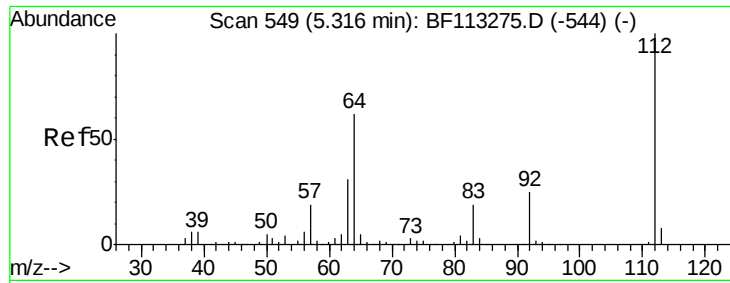
Ion Ratio Lower Upper

42 100

74 134.0 102.4 153.6

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 83.379 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113287.D

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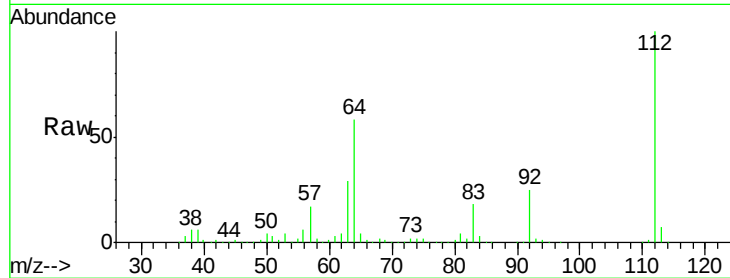
Tgt Ion: 112 Resp: 774494

Ion Ratio Lower Upper

112 100

64 58.0 49.2 73.8

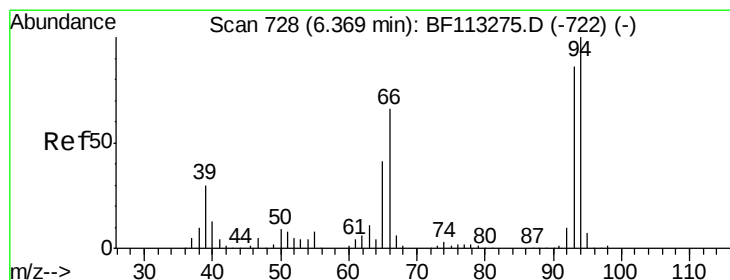
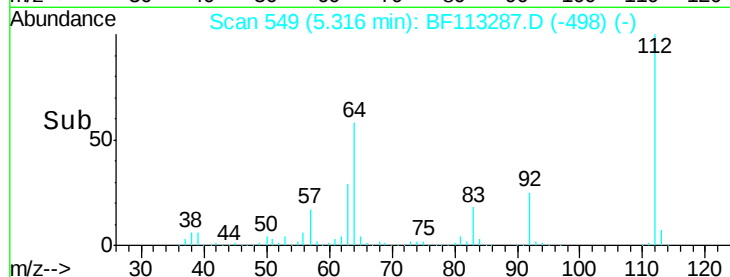
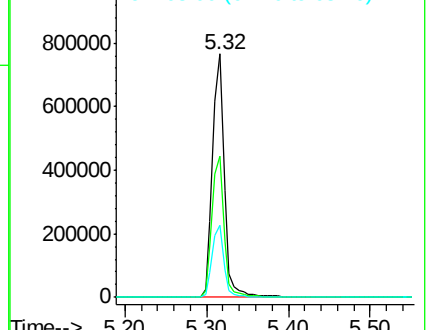
63 29.5 24.9 37.3



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: 40.830 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

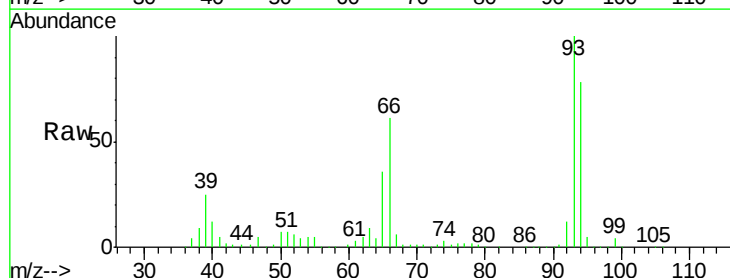
Tgt Ion: 93 Resp: 584273

Ion Ratio Lower Upper

93 100

66 60.8 62.1 93.1#

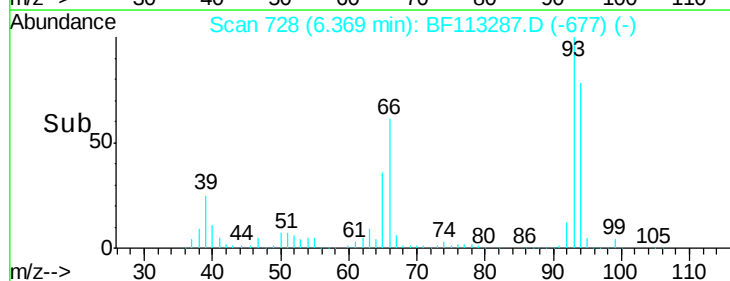
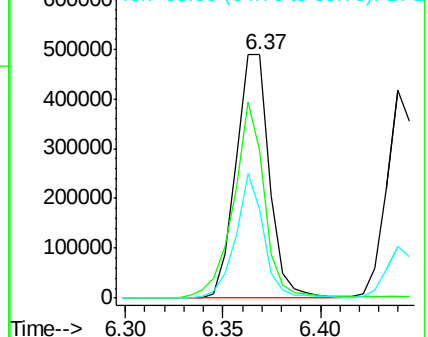
65 36.2 38.7 58.1#



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: 78.639 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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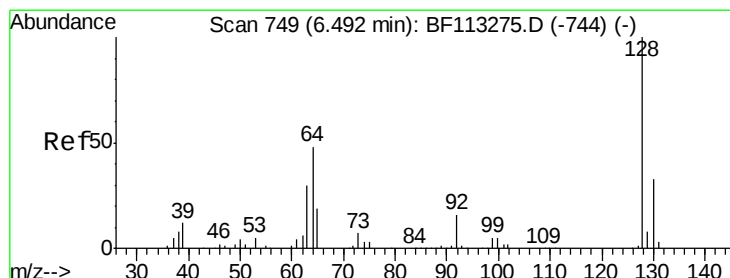
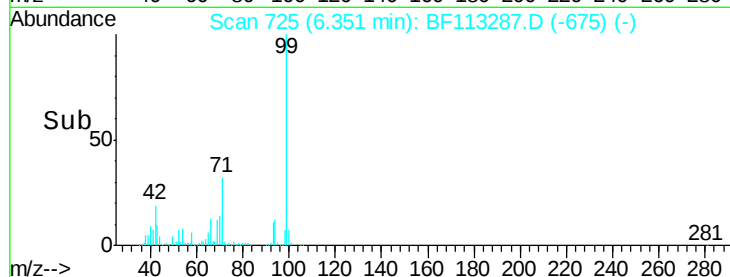
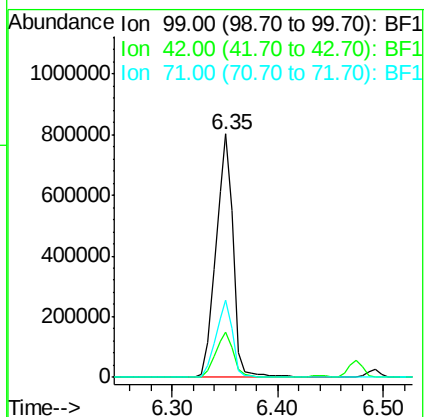
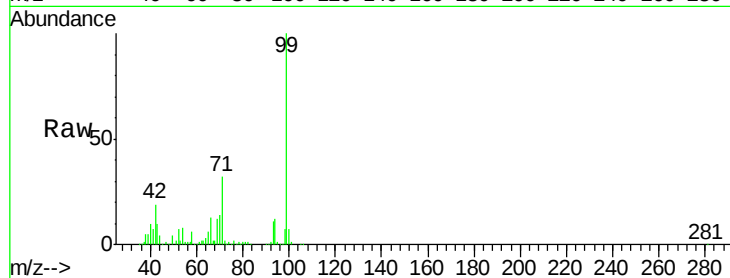
Tgt Ion: 99 Resp: 924079

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

71 31.7 24.9 37.3



#8

2-Chlorophenol

Concen: 39.589 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

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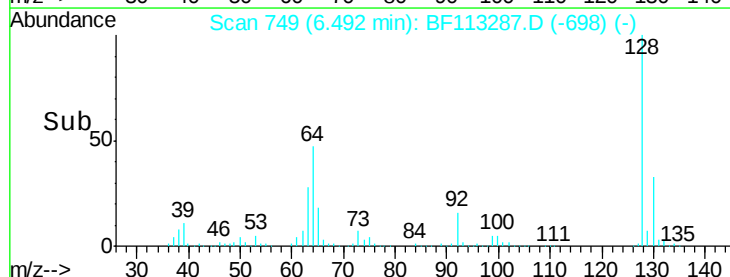
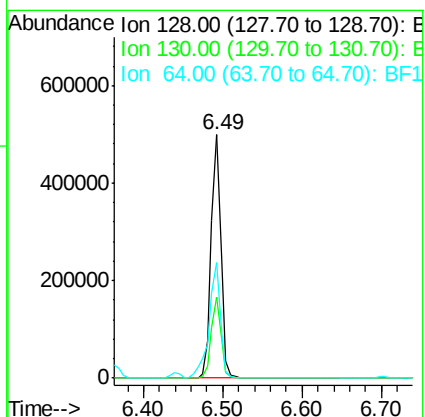
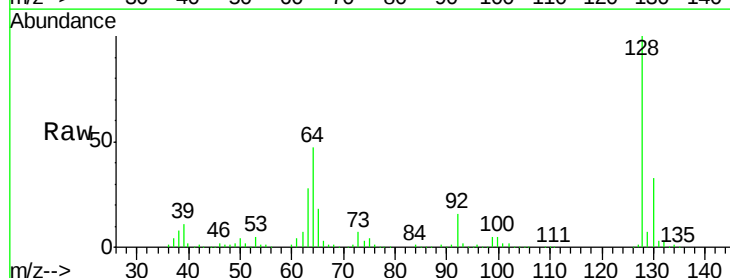
Tgt Ion: 128 Resp: 427036

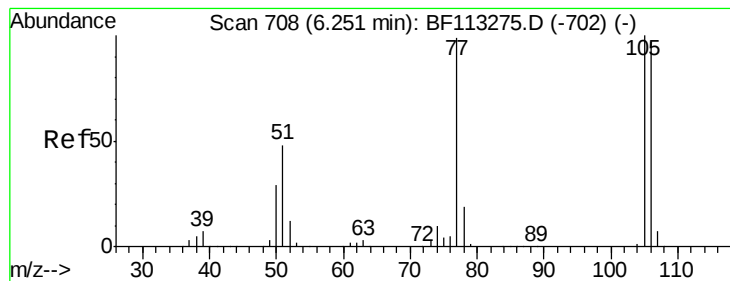
Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

64 47.3 29.4 69.4





#9

Benzaldehyde

Concen: 42.001 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

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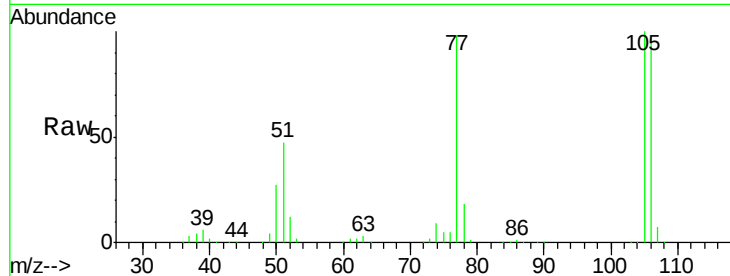
Tgt Ion: 77 Resp: 331191

Ion Ratio Lower Upper

77 100

105 102.5 80.9 120.9

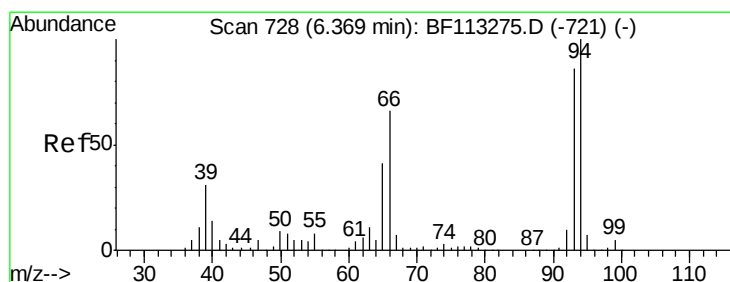
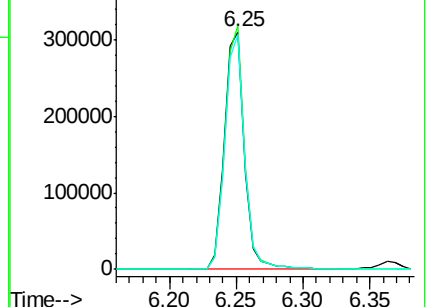
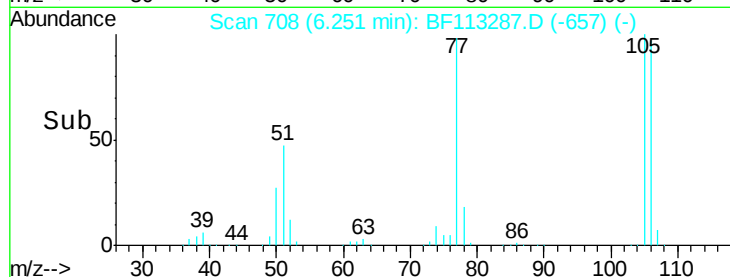
106 98.9 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.052 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

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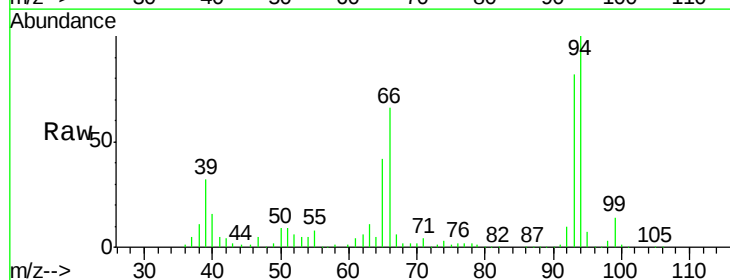
Tgt Ion: 94 Resp: 523895

Ion Ratio Lower Upper

94 100

65 42.4 21.4 61.4

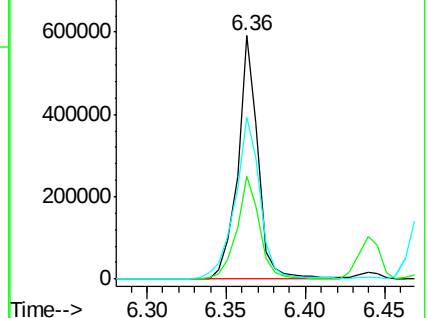
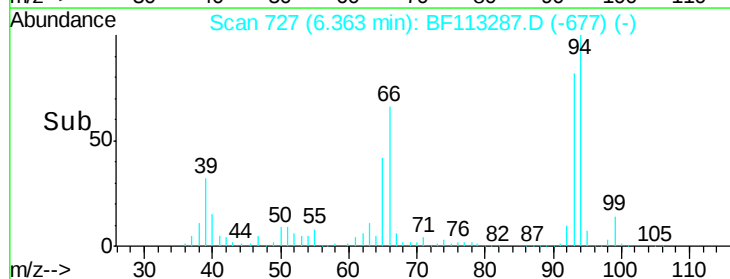
66 66.5 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.007 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

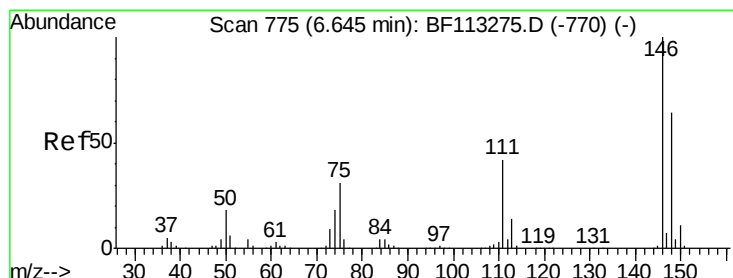
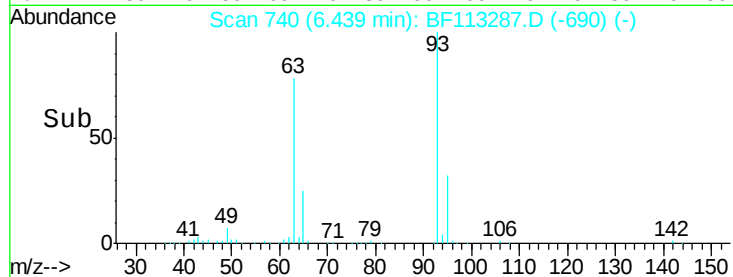
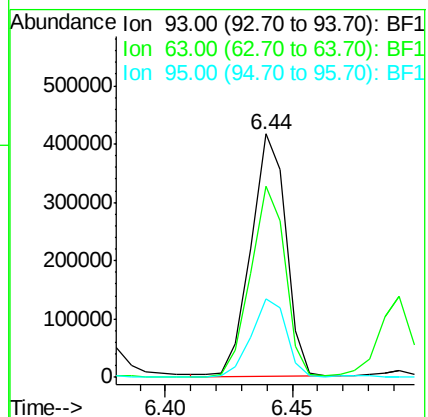
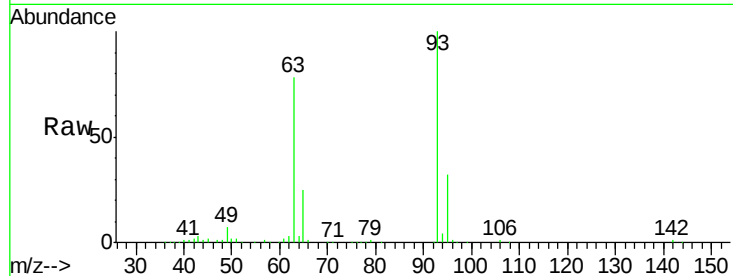
Tgt Ion: 93 Resp: 401117

Ion Ratio Lower Upper

93 100

63 78.3 56.1 96.1

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.931 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

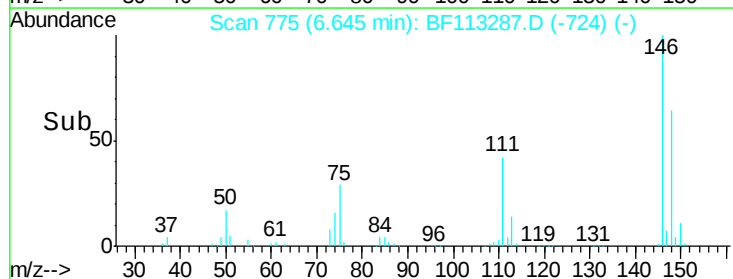
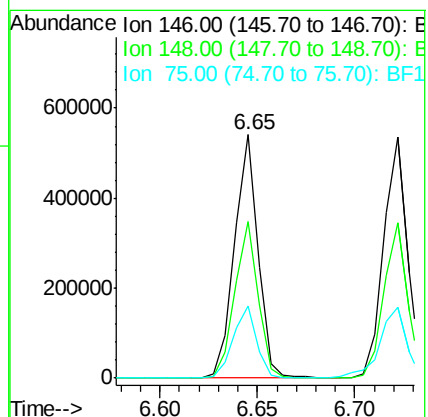
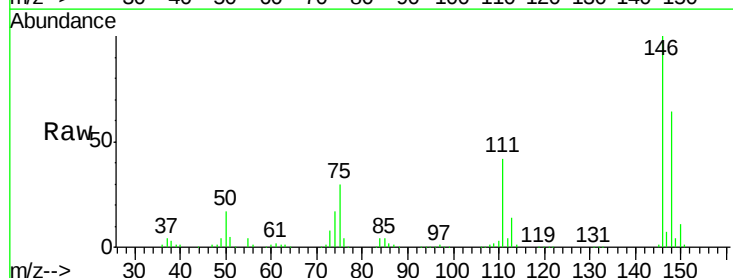
Tgt Ion: 146 Resp: 452662

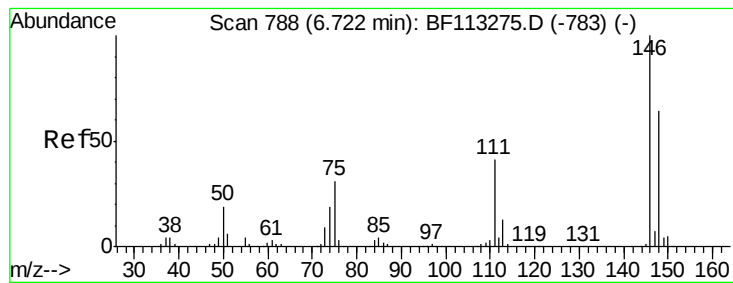
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

75 29.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 40.993 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

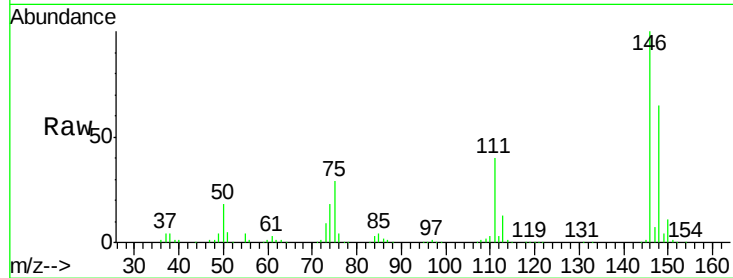
Tgt Ion:146 Resp: 460211

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

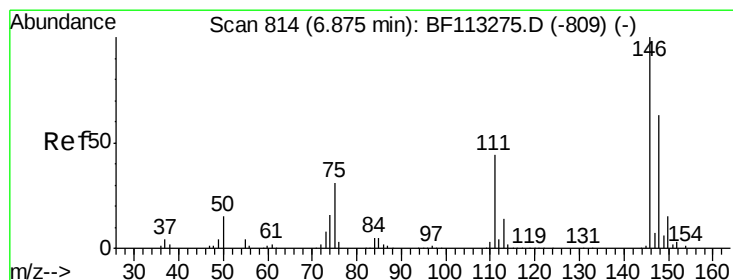
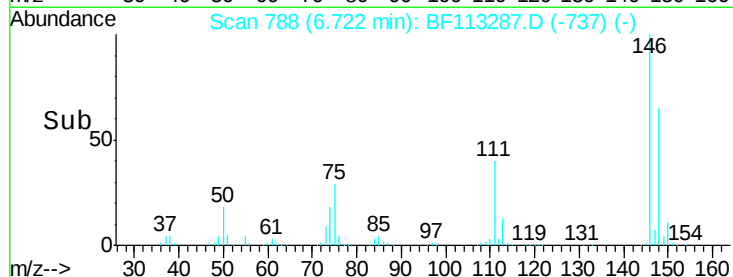
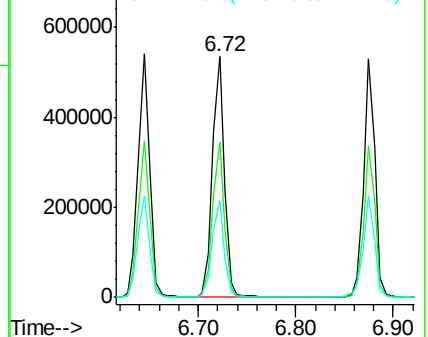
111 40.1 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.546 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

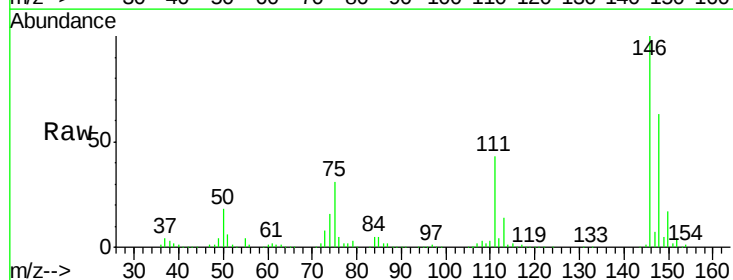
Tgt Ion:146 Resp: 425725

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.4

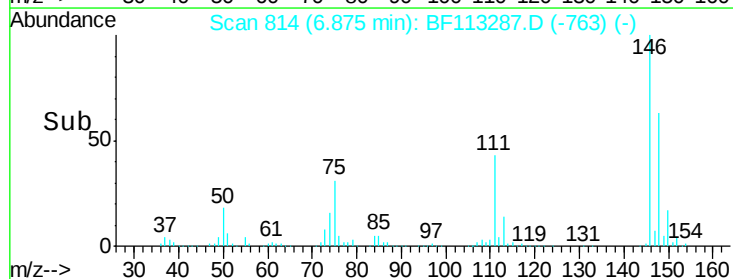
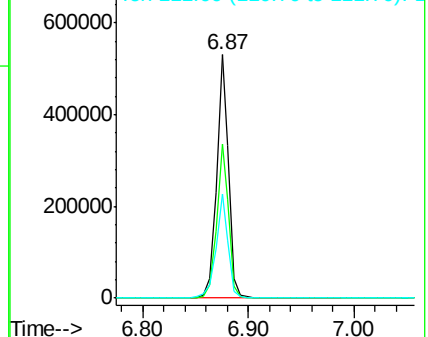
111 42.5 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.055 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

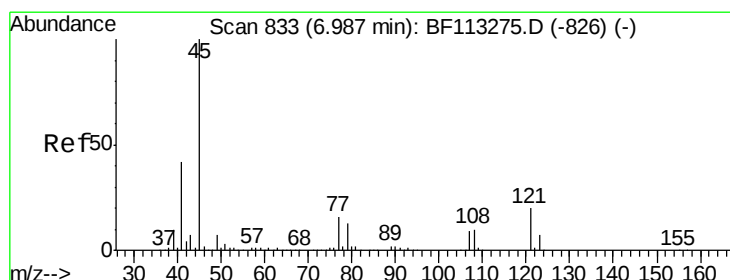
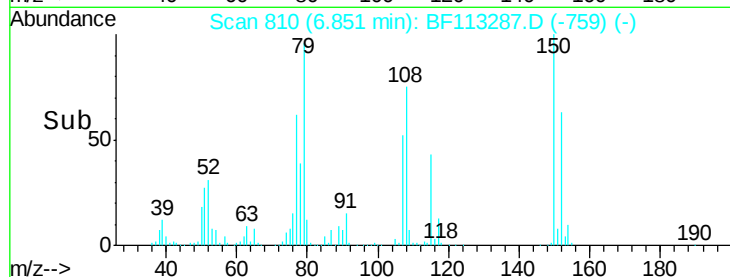
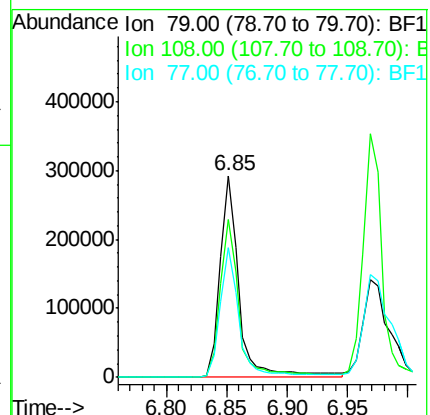
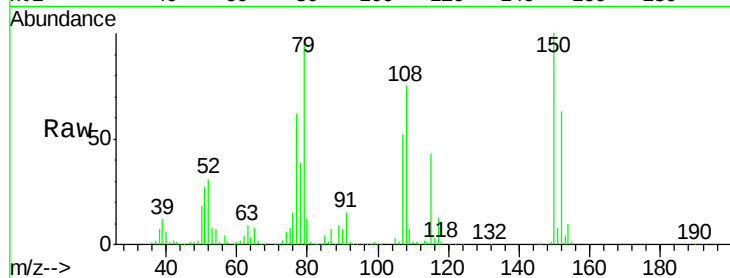
Tgt Ion: 79 Resp: 318270

Ion Ratio Lower Upper

79 100

108 78.2 62.0 93.0

77 64.1 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.808 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

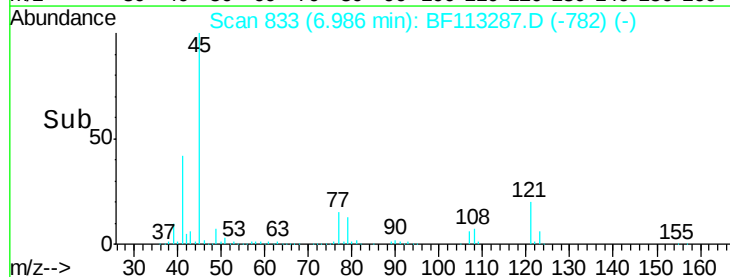
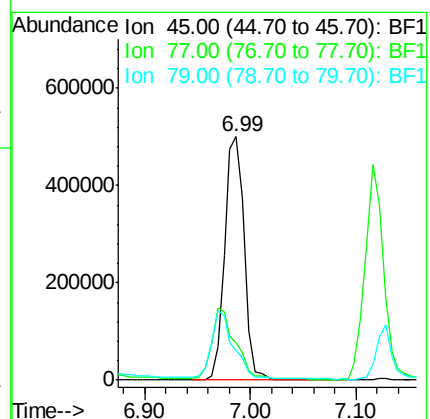
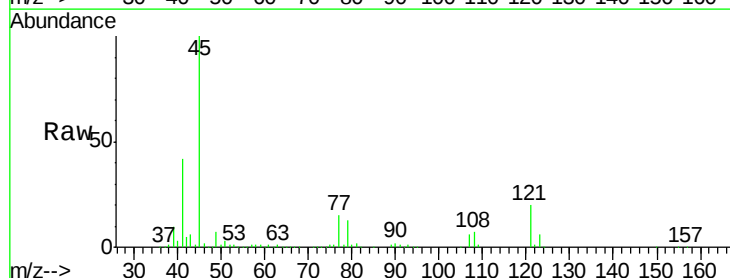
Tgt Ion: 45 Resp: 645858

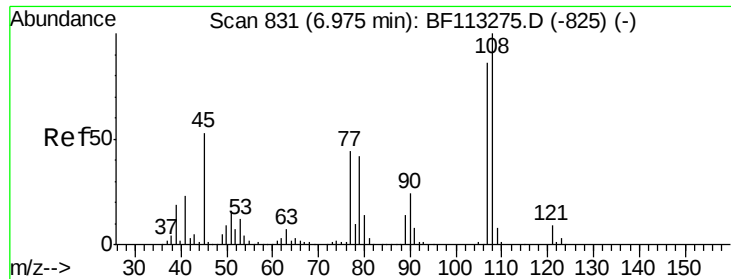
Ion Ratio Lower Upper

45 100

77 15.2 0.0 36.6

79 12.5 0.0 34.0

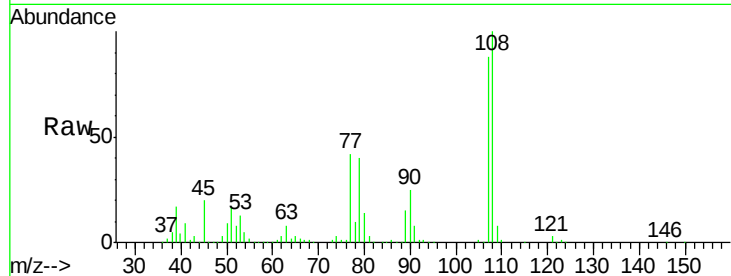




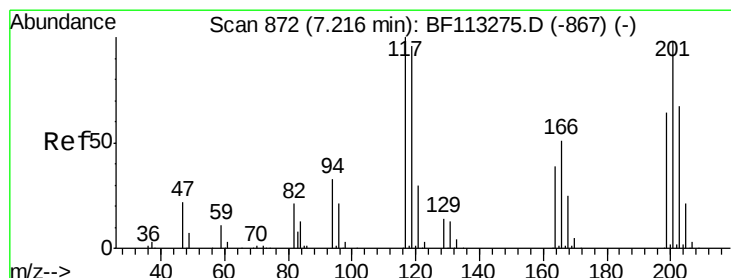
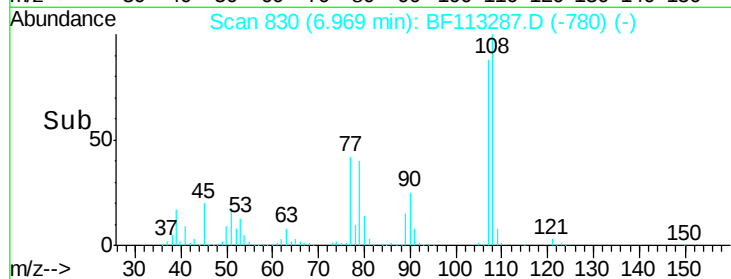
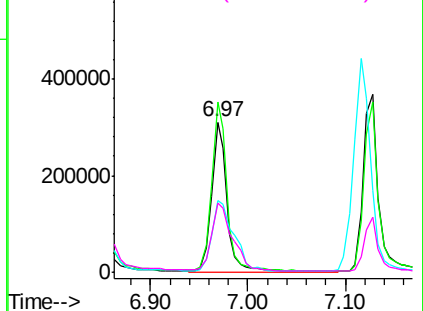
#17
2-Methylphenol
Concen: 40.421 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 341696
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 48.1 41.2 61.8
79 46.0 40.1 60.1

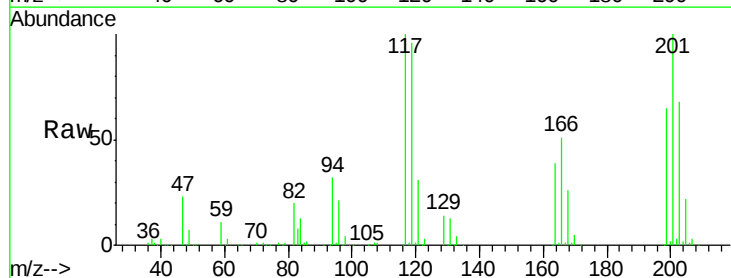


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

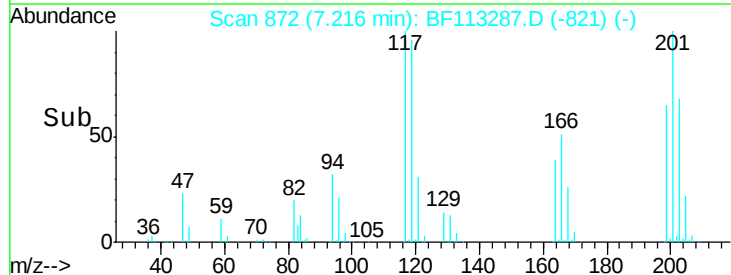
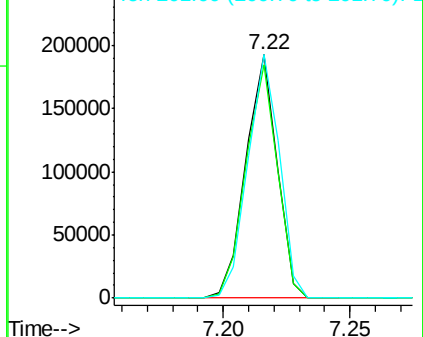


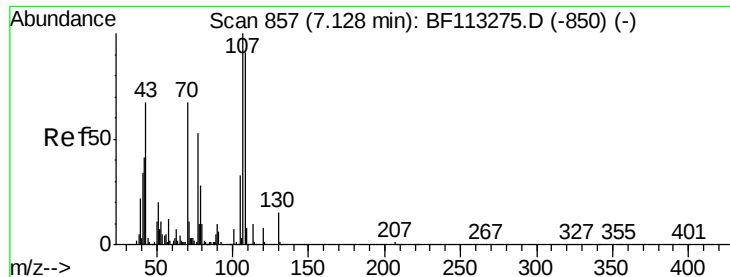
#18
Hexachloroethane
Concen: 41.039 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:117 Resp: 165481
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 100.2 78.7 118.1



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

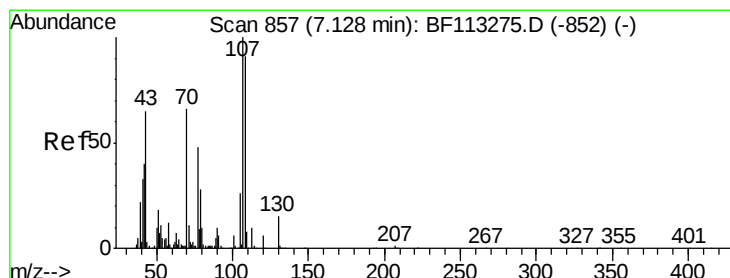
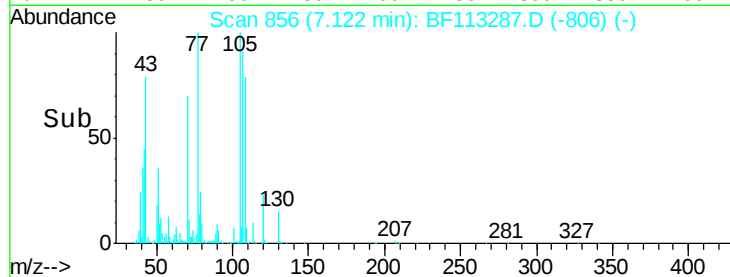
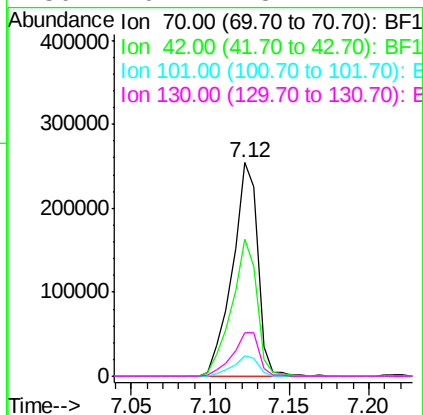
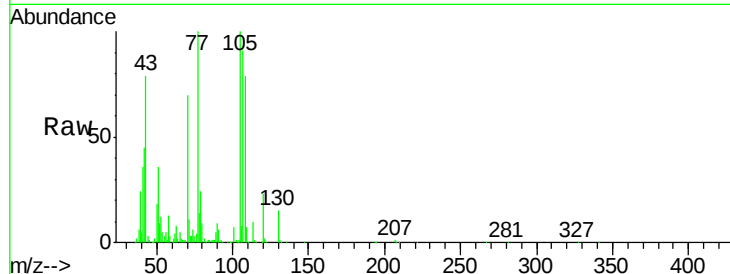




#19
n-Nitroso-di-n-propylamine
Concen: 38.375 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

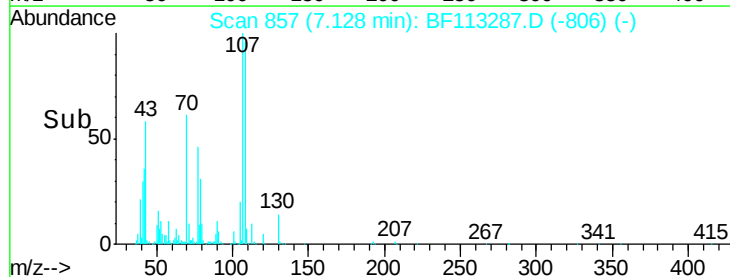
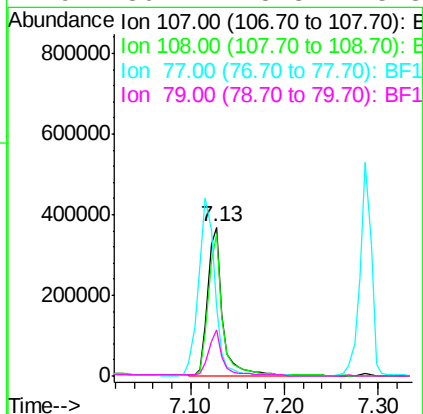
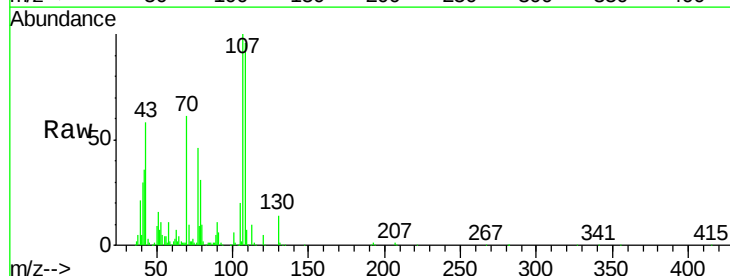
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

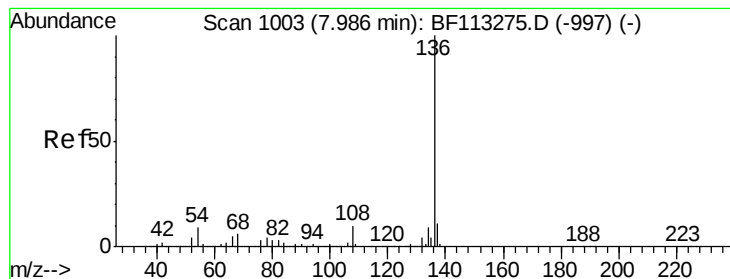
Tgt Ion:	70	Resp:	283248
Ion	Ratio	Lower	Upper
70	100		
42	64.1	48.4	72.6
101	9.4	7.8	11.8
130	20.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 41.898 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:	107	Resp:	411833
Ion	Ratio	Lower	Upper
107	100		
108	95.7	71.4	111.4
77	46.2	33.5	73.5
79	30.7	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 633133

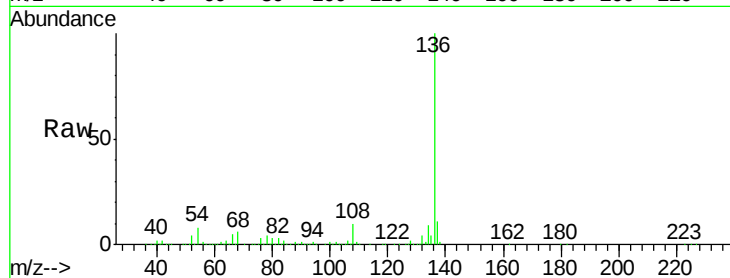
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 7.0 10.6

68 6.1 4.8 7.2

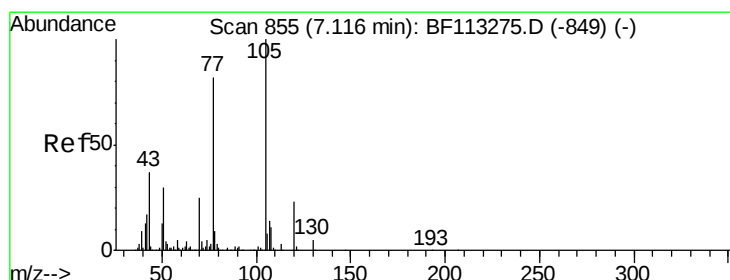
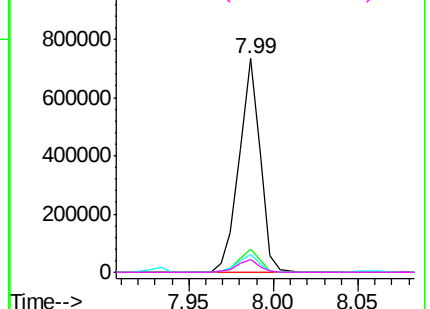
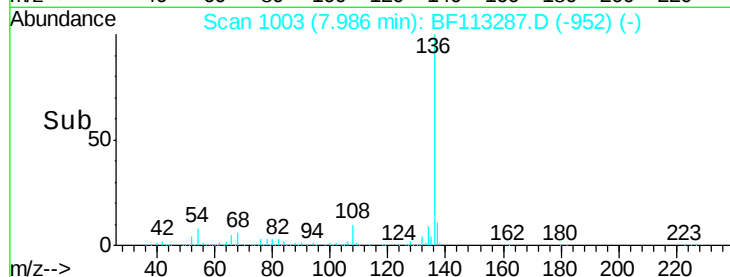


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.013 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Tgt Ion:105 Resp: 548867

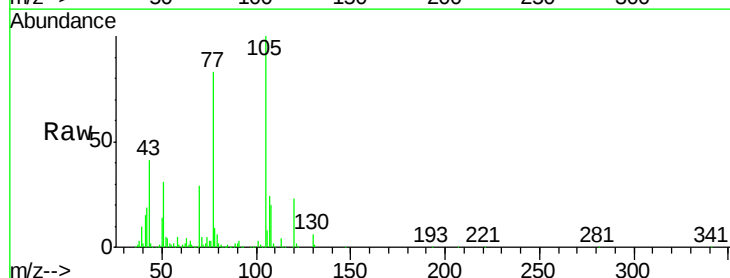
Ion Ratio Lower Upper

105 100

71 4.6 3.3 4.9

51 31.2 24.2 36.2

120 23.0 18.1 27.1

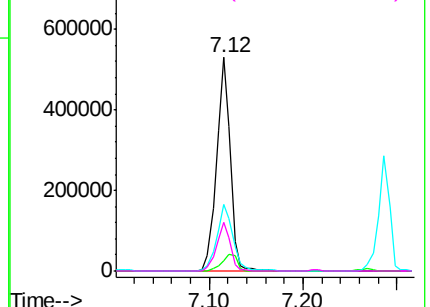
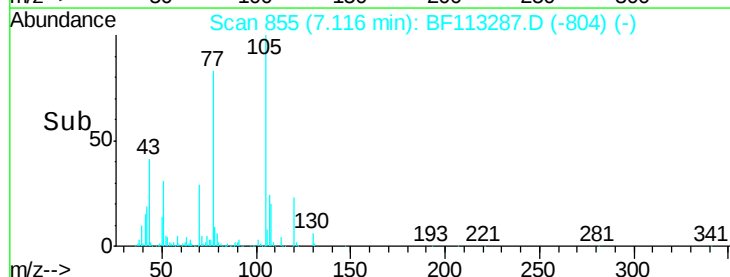


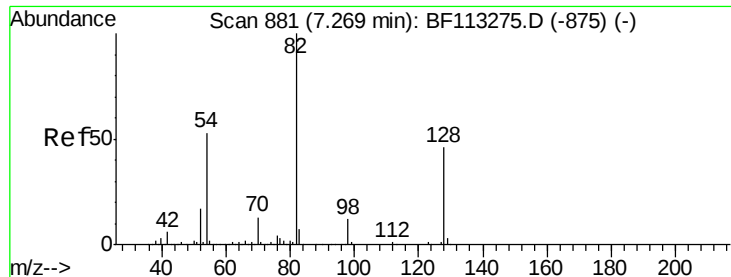
Abundance Ion 105.00 (104.70 to 105.70): E

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

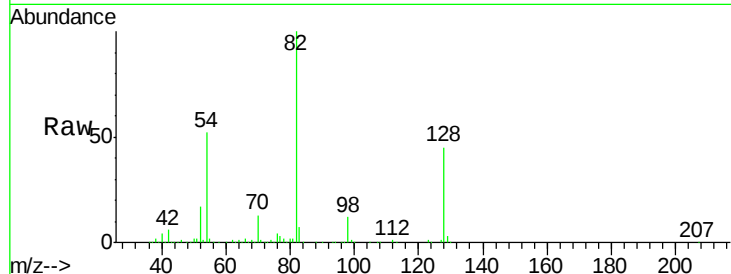




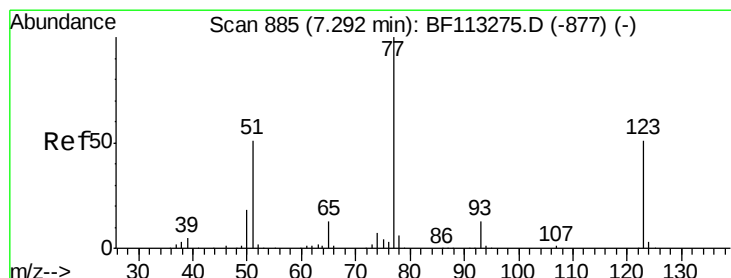
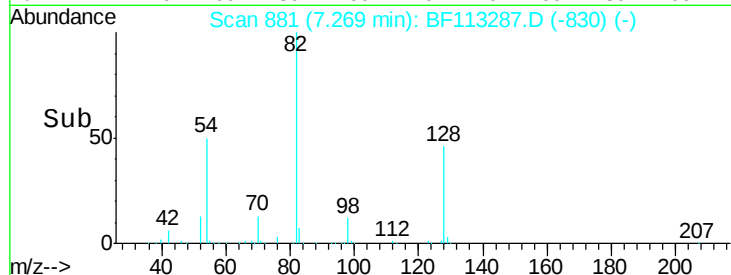
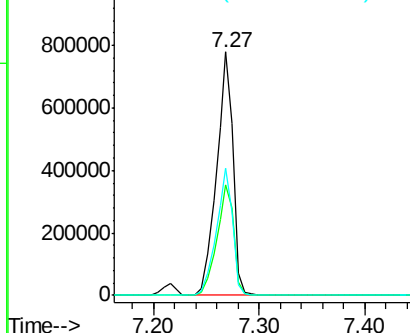
#23
 Nitrobenzene-d5
 Concen: 80.495 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 858642
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.5 54.7
 54 52.2 42.2 63.2

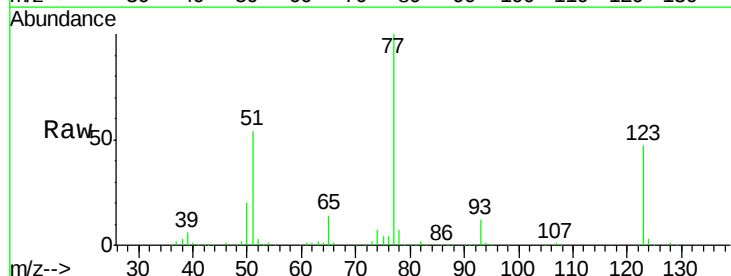


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

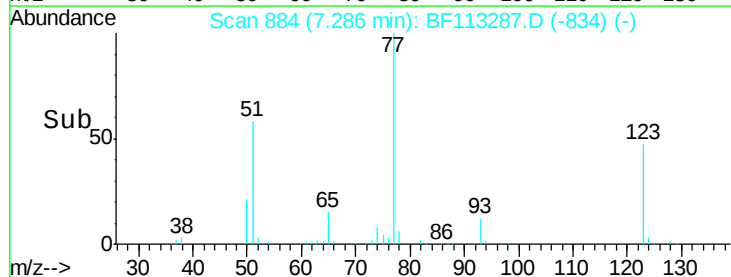
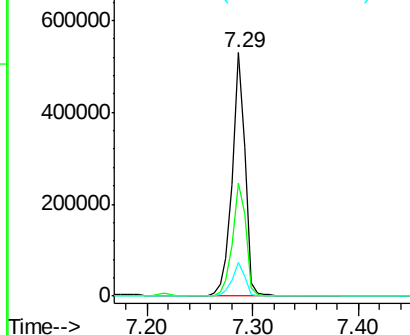


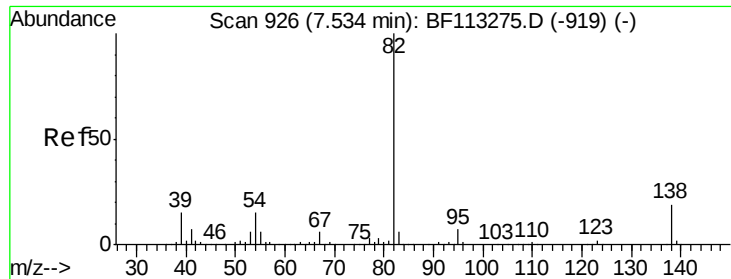
#24
 Nitrobenzene
 Concen: 39.752 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion: 77 Resp: 442486
 Ion Ratio Lower Upper
 77 100
 123 46.7 40.8 61.2
 65 13.7 10.6 16.0



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





#25

Isophorone

Concen: 39.097 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

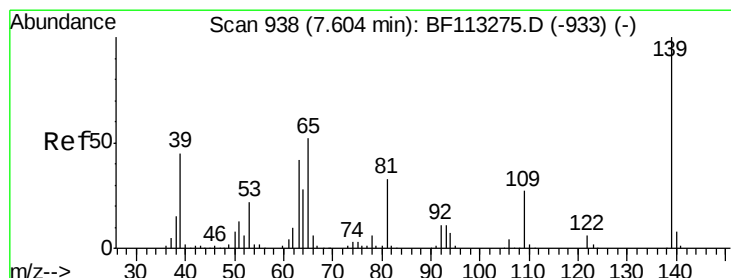
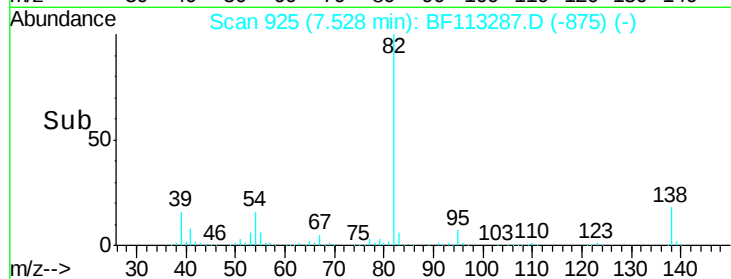
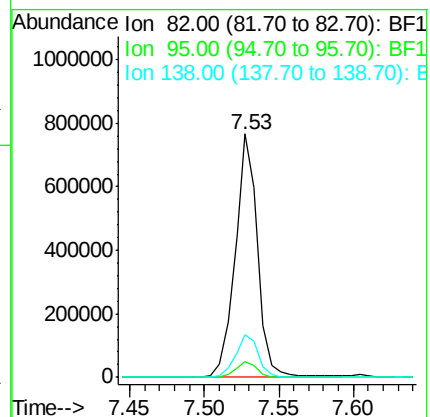
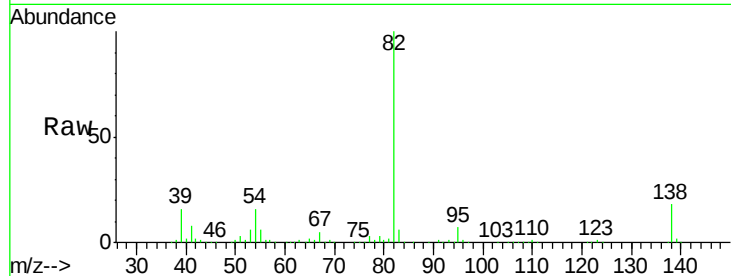
Tgt Ion: 82 Resp: 808222

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.8 15.2 22.8



#26

2-Nitrophenol

Concen: 39.605 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

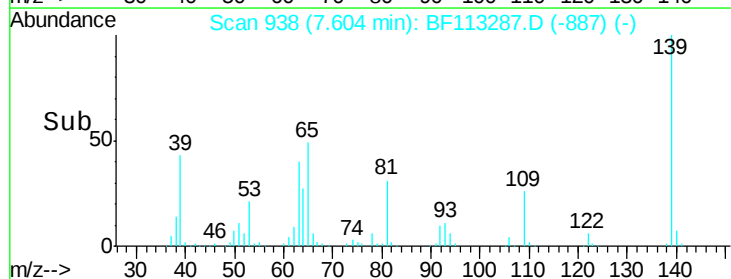
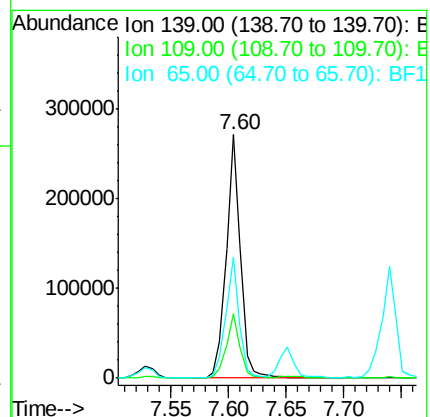
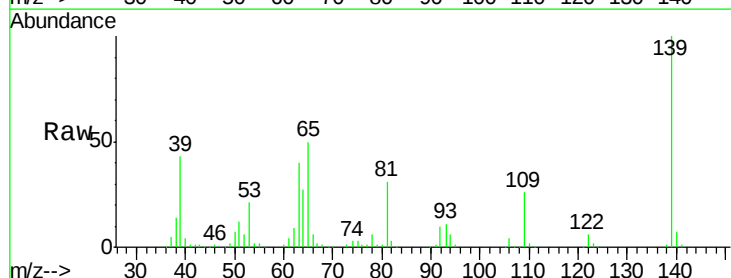
Tgt Ion: 139 Resp: 233026

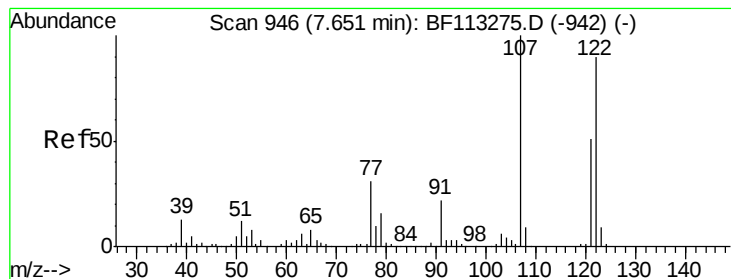
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 49.8 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 39.916 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

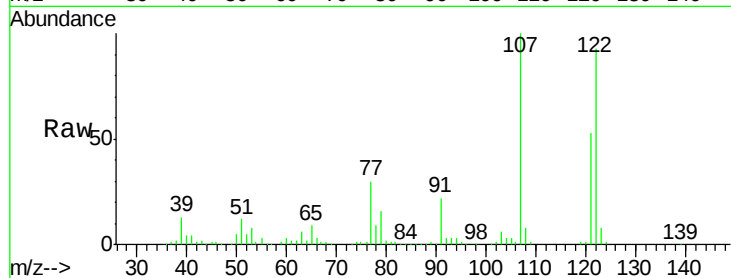
Tgt Ion:122 Resp: 337832

Ion Ratio Lower Upper

122 100

107 107.7 88.8 133.2

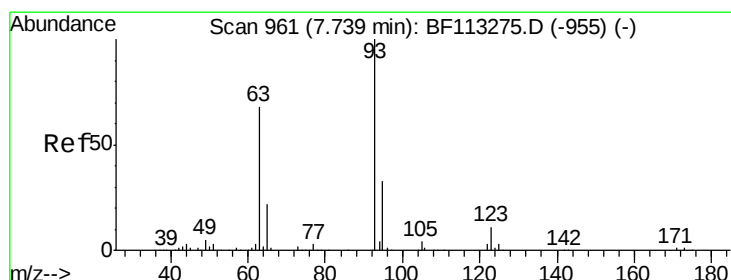
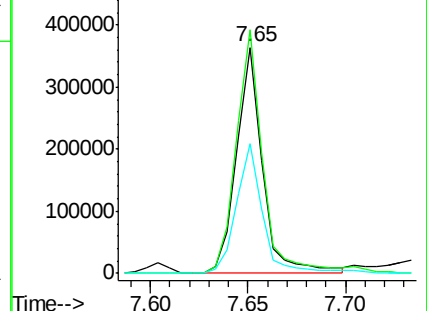
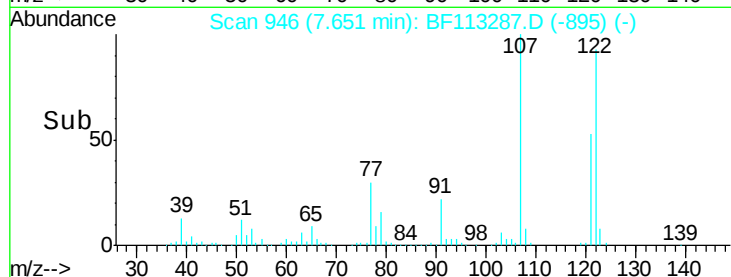
121 57.4 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.191 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

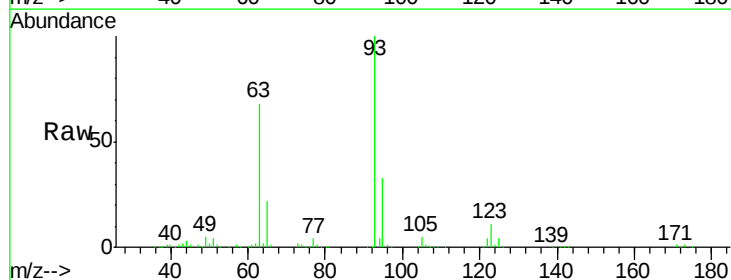
Tgt Ion: 93 Resp: 523205

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

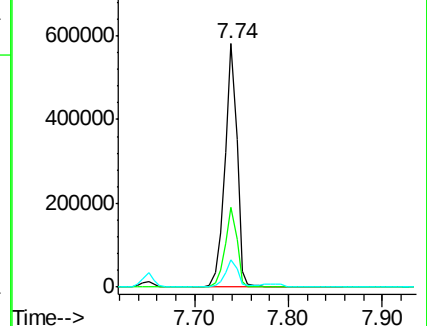
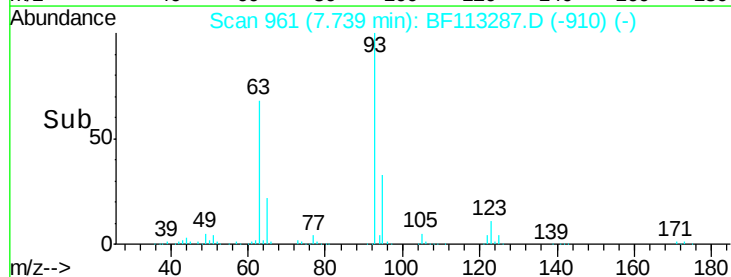
123 11.3 9.1 13.7

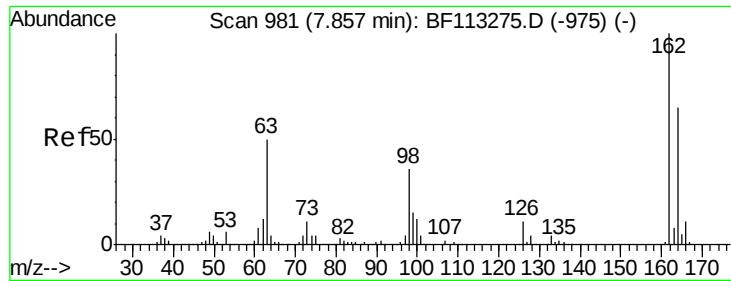


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

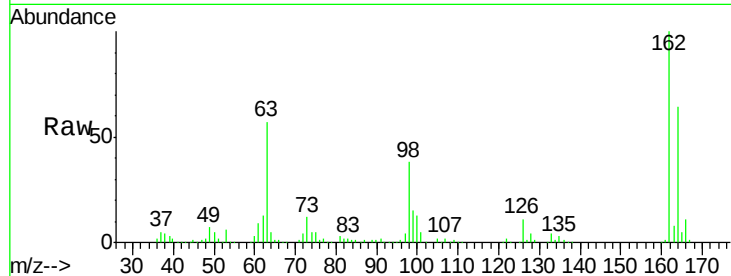




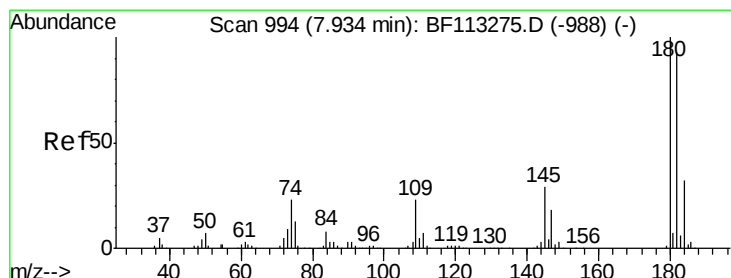
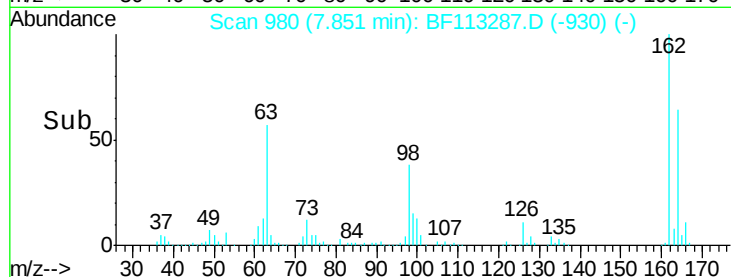
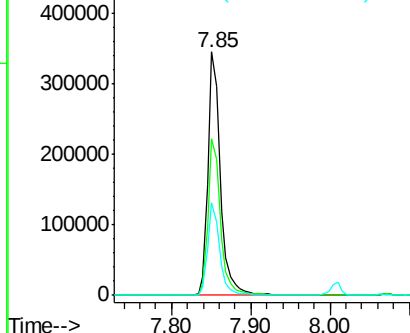
#29
2,4-Dichlorophenol
Concen: 41.457 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 380236
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 38.0 15.6 55.6

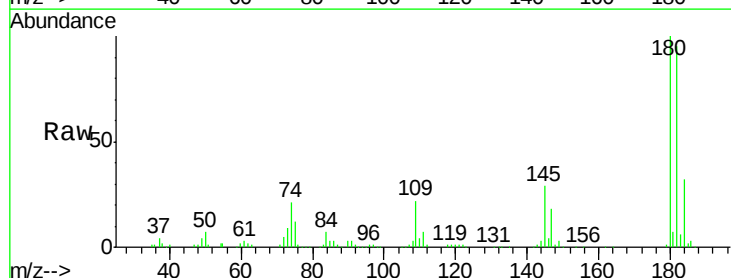


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

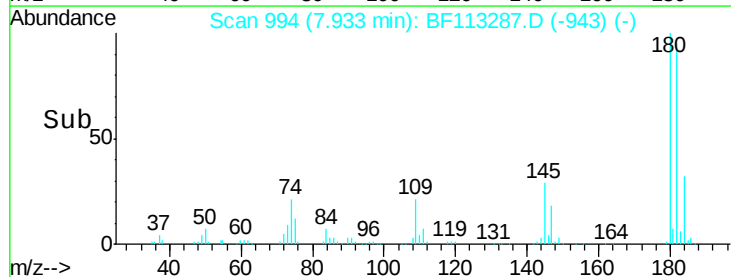
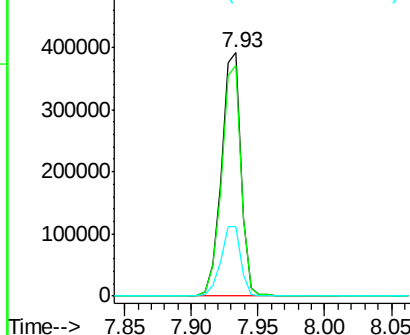


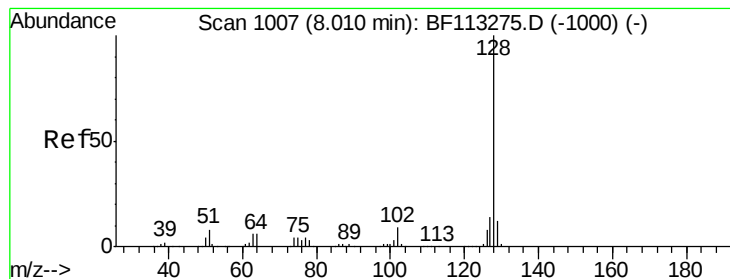
#30
1,2,4-Trichlorobenzene
Concen: 41.112 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:180 Resp: 406827
Ion Ratio Lower Upper
180 100
182 94.9 74.6 111.8
145 28.7 23.4 35.0



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





#31

Naphthalene

Concen: 41.147 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

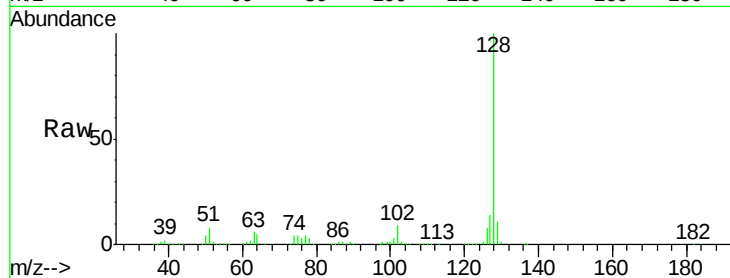
Tgt Ion:128 Resp: 1273078

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

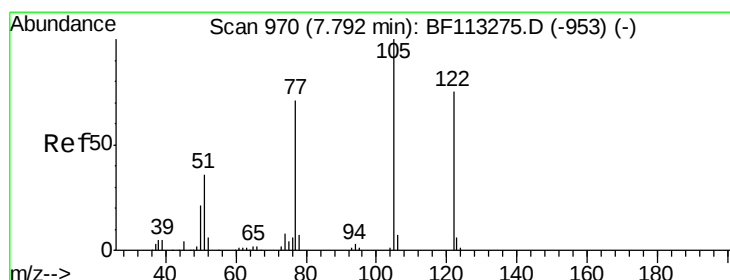
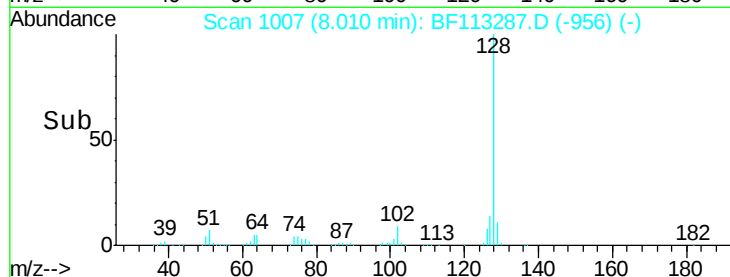
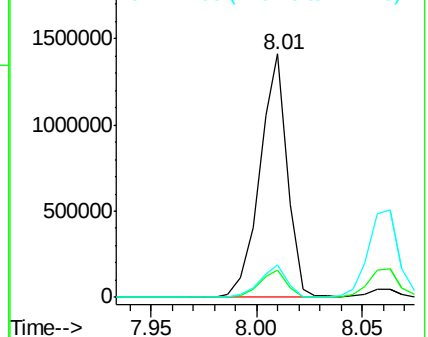
127 13.5 10.9 16.3



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: 38.704 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

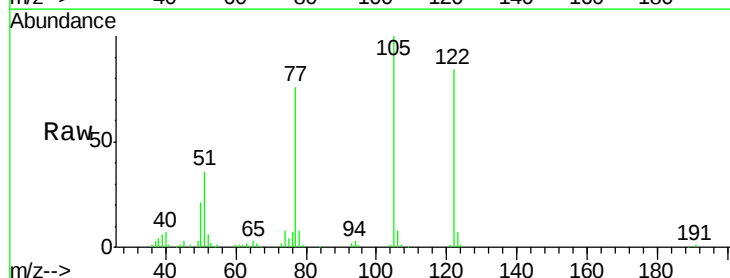
Tgt Ion:122 Resp: 263687

Ion Ratio Lower Upper

122 100

105 118.4 100.4 140.4

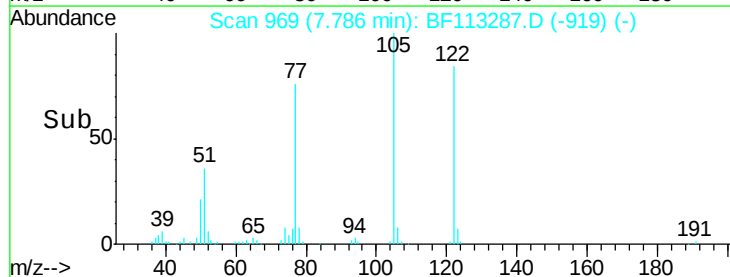
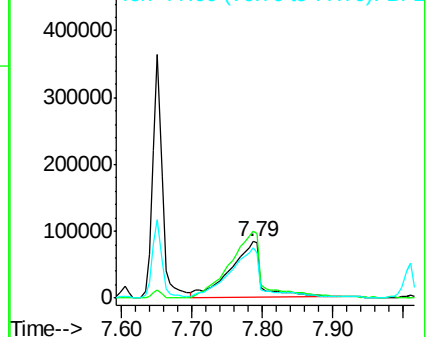
77 89.7 69.0 109.0

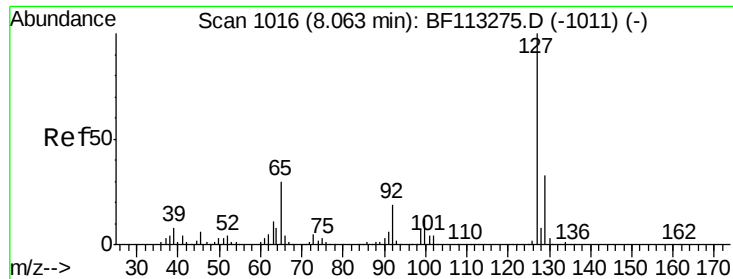


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

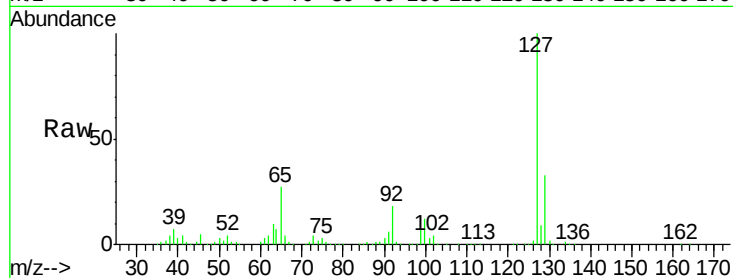




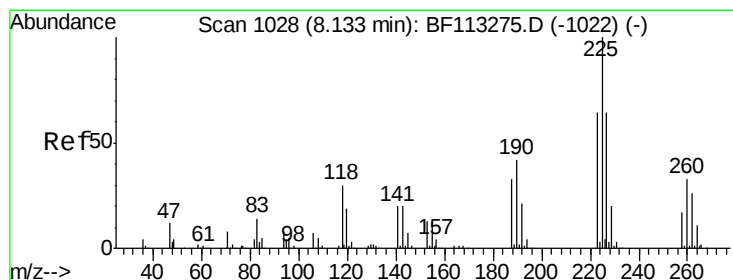
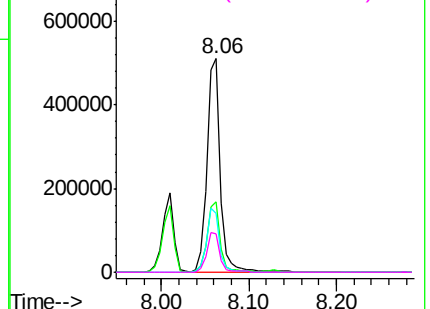
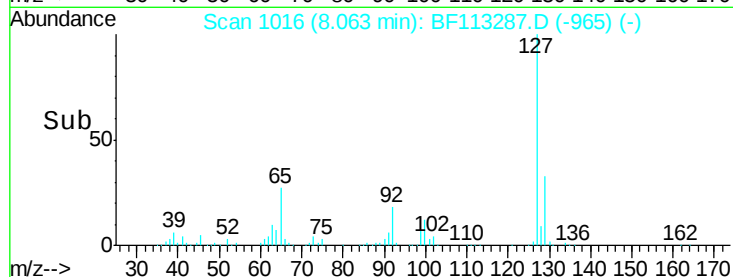
#33
4-Chloroaniline
Concen: 44.653 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	538729
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	27.5	24.2	36.4
92	17.8	15.0	22.6

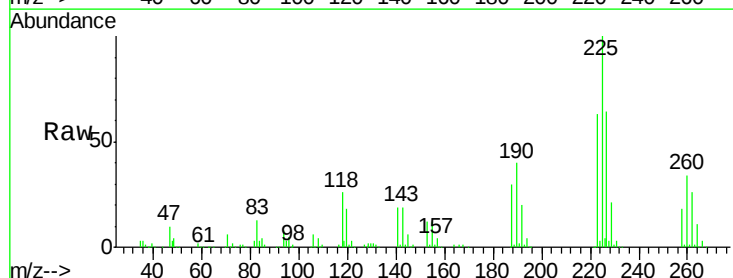


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

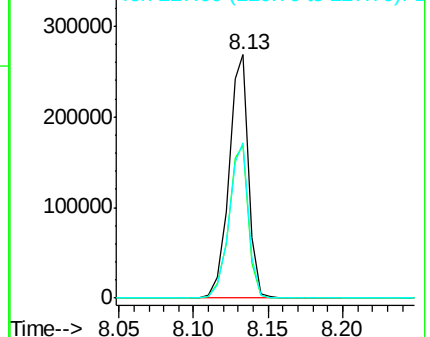
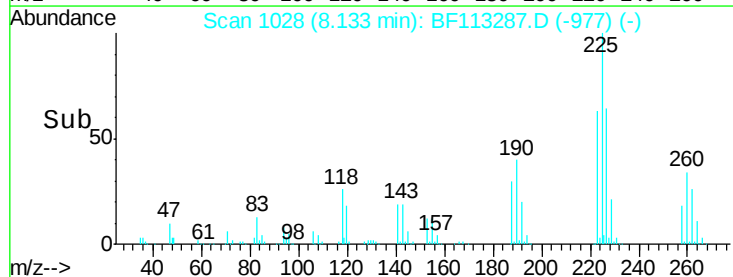


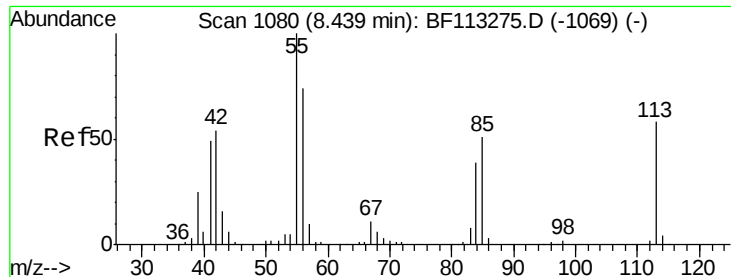
#34
Hexachlorobutadiene
Concen: 42.567 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:	225	Resp:	250356
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	63.7	51.1	76.7



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

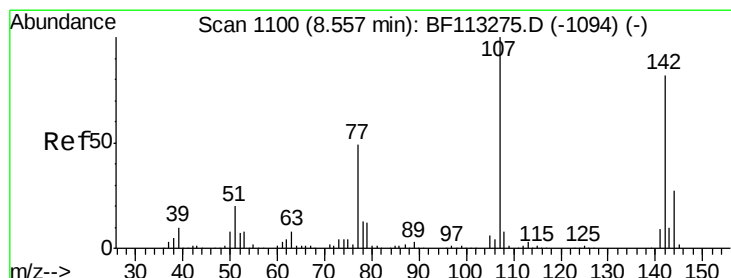
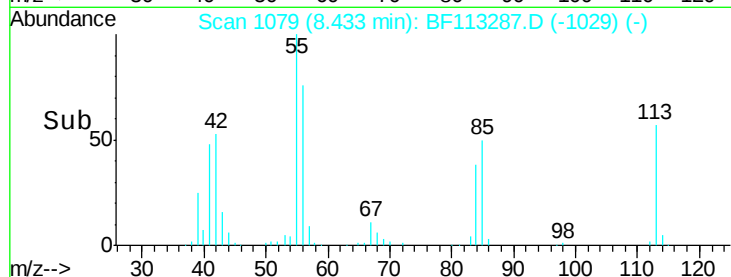
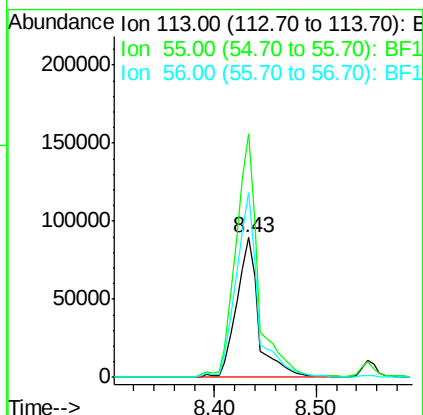
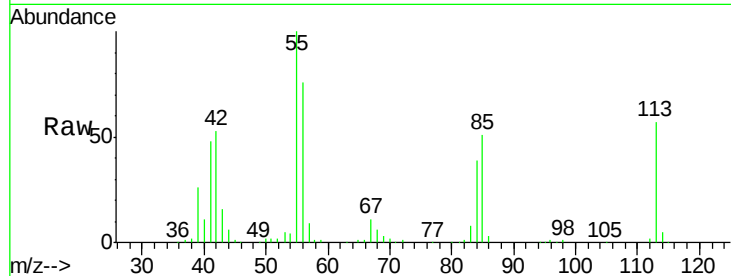




#35
 Caprolactam
 Concen: 46.338 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

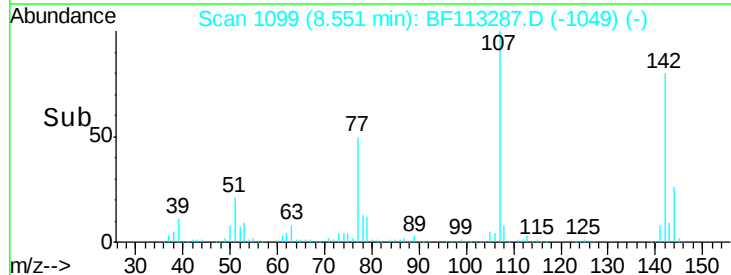
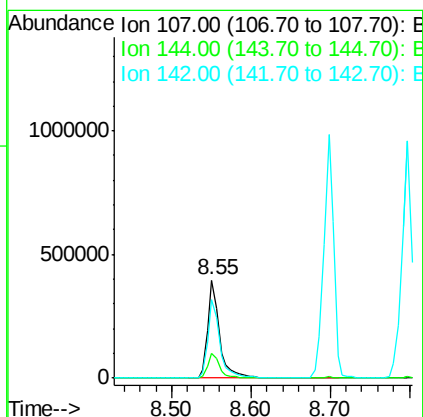
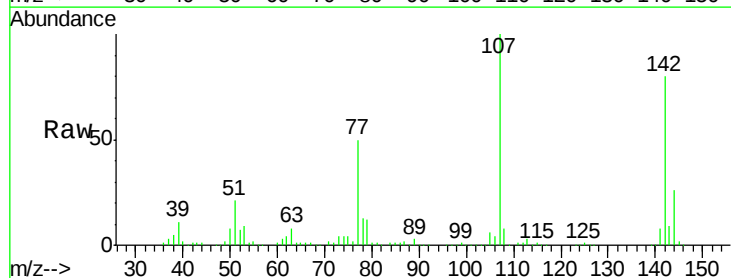
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

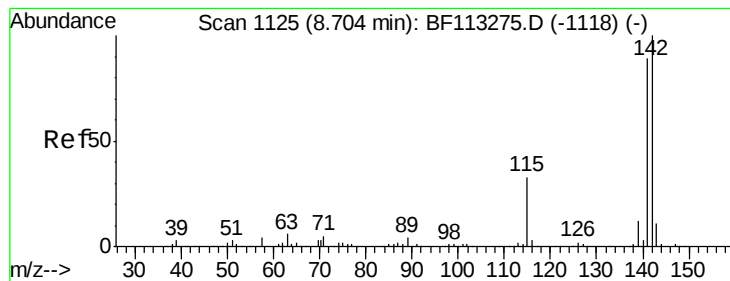
Tgt Ion:113 Resp: 136401
 Ion Ratio Lower Upper
 113 100
 55 174.6 152.7 192.7
 56 132.9 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.208 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:107 Resp: 417054
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.4 32.0
 142 79.7 65.6 98.4





#37

2-Methylnaphthalene

Concen: 45.341 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

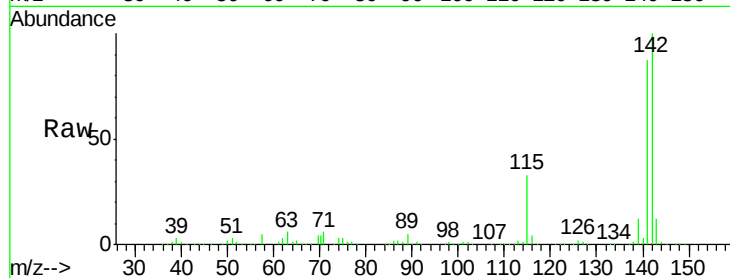
Tgt Ion:142 Resp: 875326

Ion Ratio Lower Upper

142 100

141 87.0 71.0 106.6

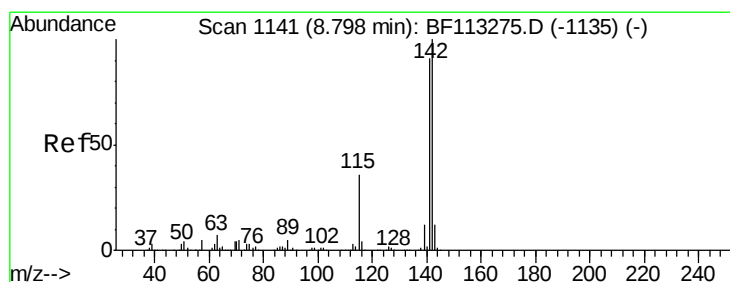
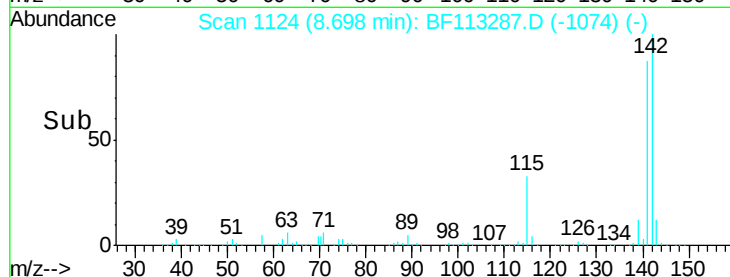
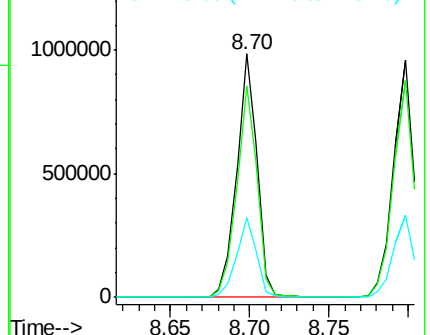
115 33.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.317 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

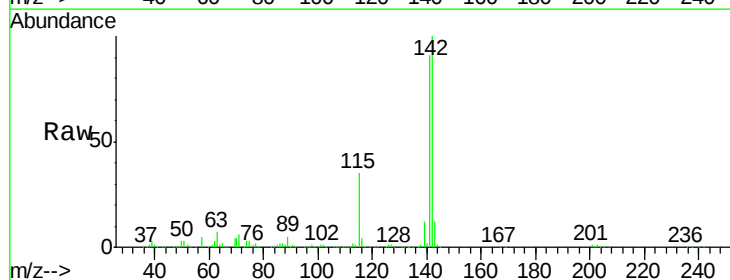
Tgt Ion:142 Resp: 841497

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

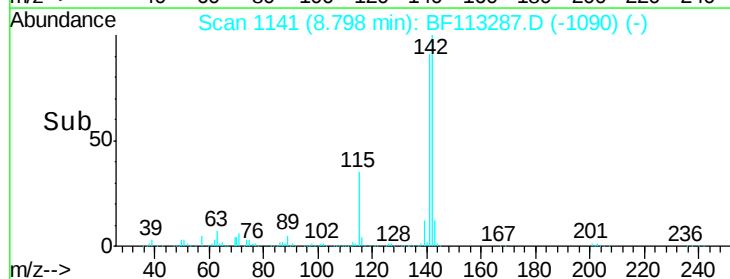
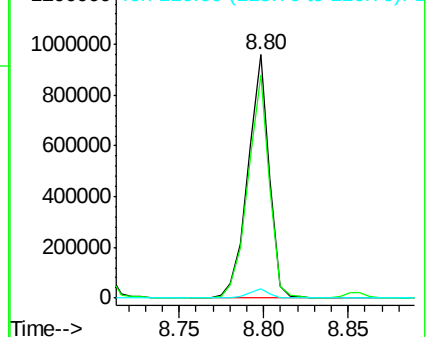
116 3.7 3.0 4.4

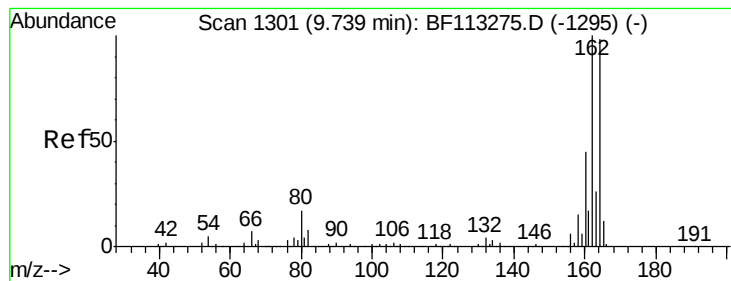


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

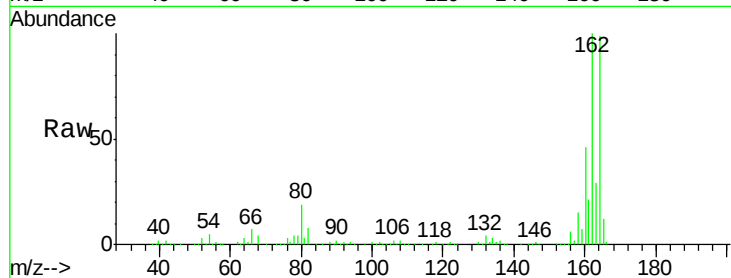
Tgt Ion:164 Resp: 327710

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

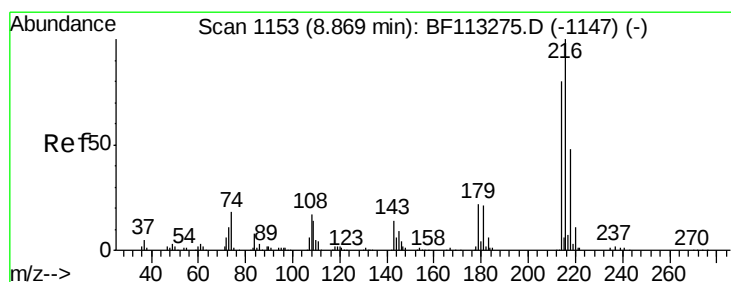
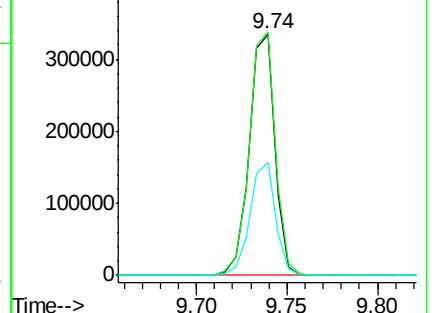
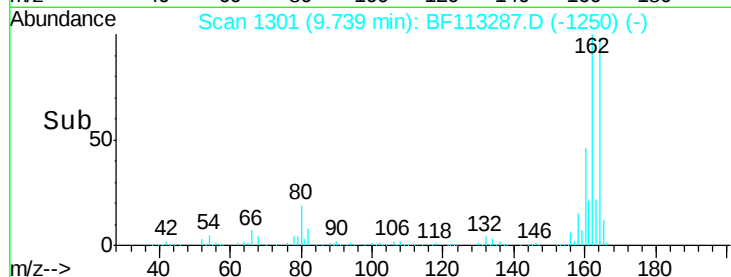
160 46.7 36.4 54.6



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: 39.622 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Tgt Ion:216 Resp: 416796

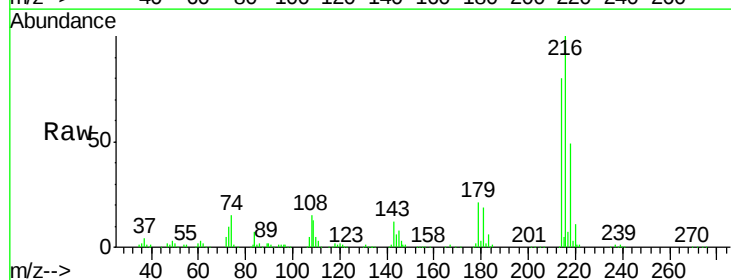
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.6

179 20.4 16.8 25.2

108 17.5 13.8 20.6

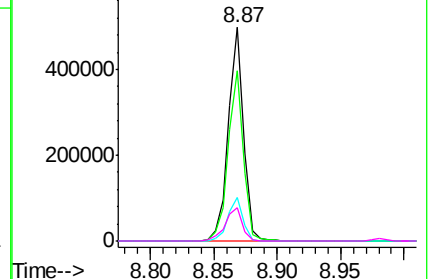
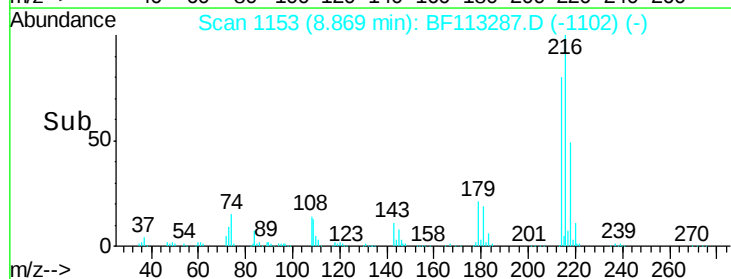


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.368 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

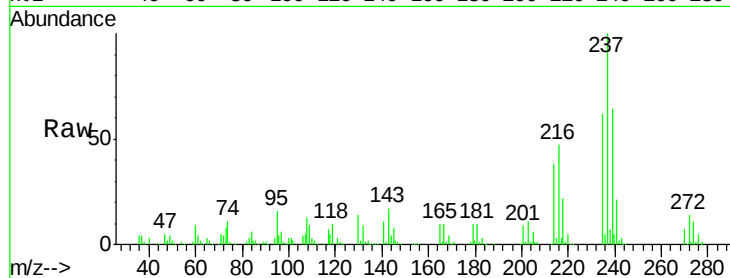
Tgt Ion:237 Resp: 166385

Ion Ratio Lower Upper

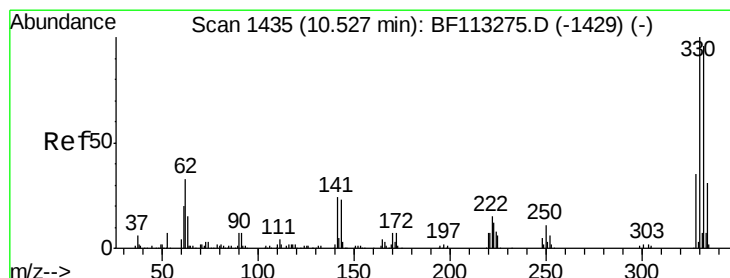
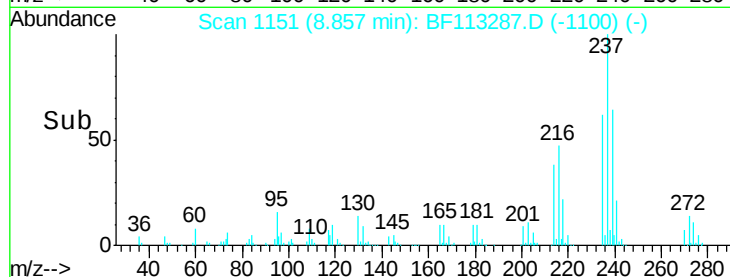
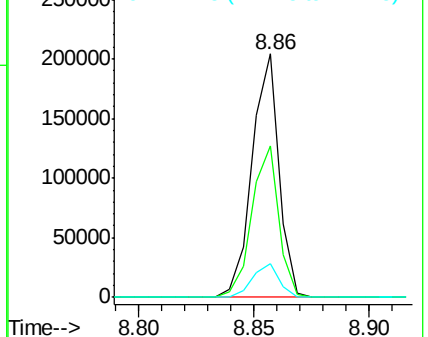
237 100

235 62.0 43.4 83.4

272 14.1 0.0 33.7



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: 81.142 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

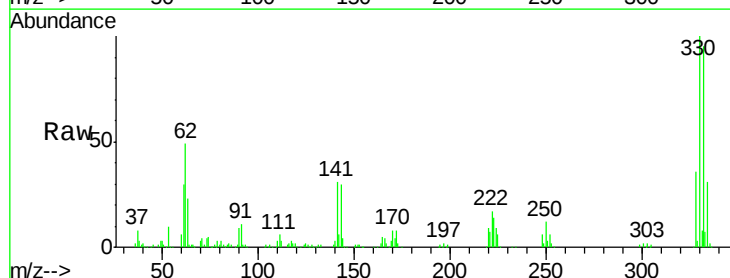
Tgt Ion:330 Resp: 328462

Ion Ratio Lower Upper

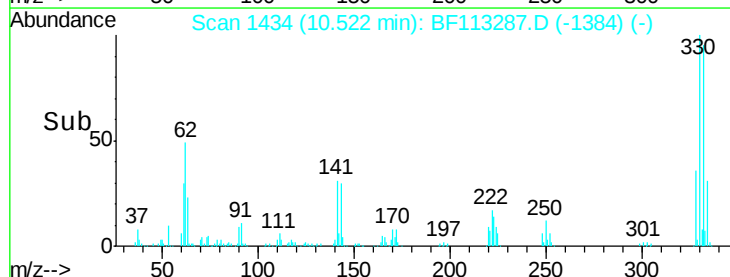
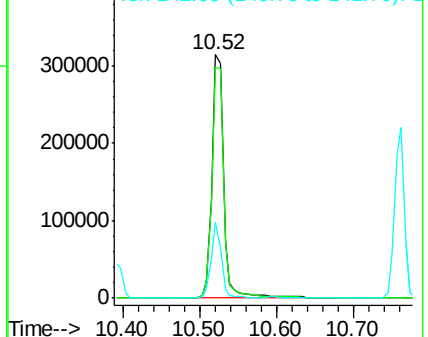
330 100

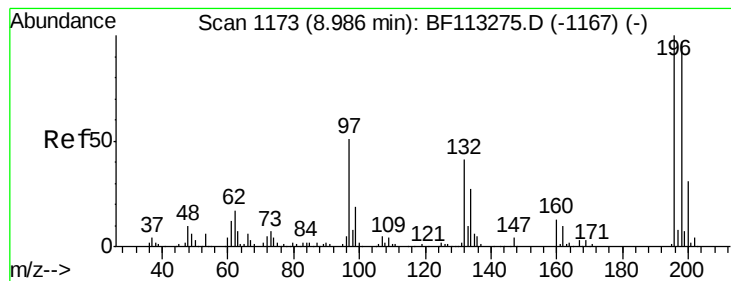
332 96.3 77.8 116.6

141 27.6 22.7 34.1



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: 39.507 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

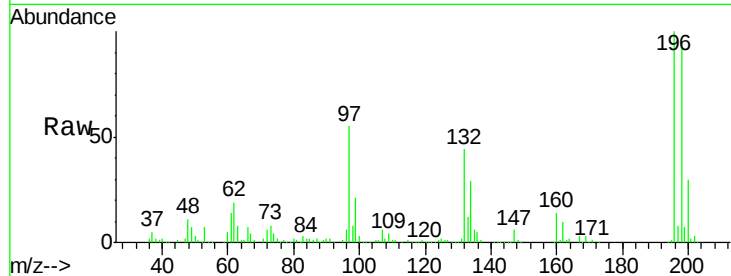
Tgt Ion:196 Resp: 270629

Ion Ratio Lower Upper

196 100

198 94.8 77.7 116.5

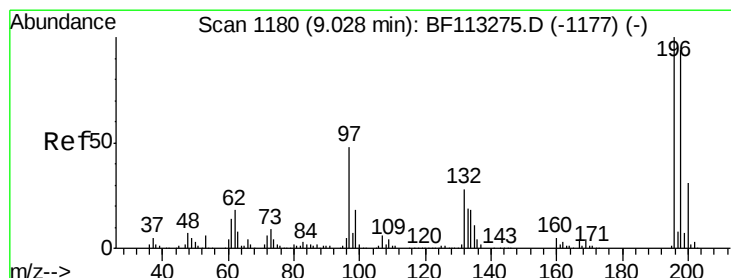
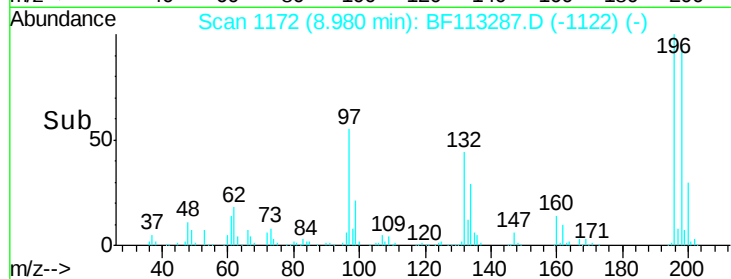
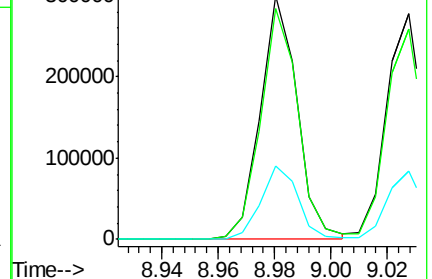
200 29.9 24.9 37.3



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: 39.924 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Tgt Ion:196 Resp: 302668

Ion Ratio Lower Upper

196 100

198 92.9 75.4 113.2

97 44.2 38.6 58.0

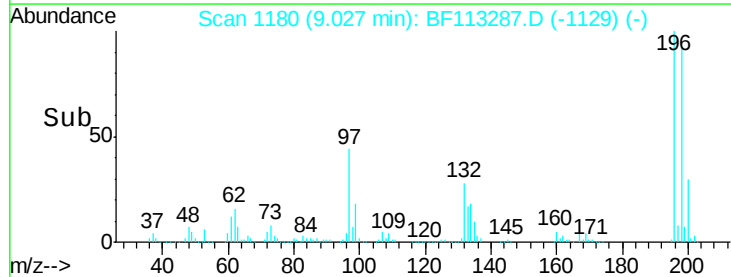
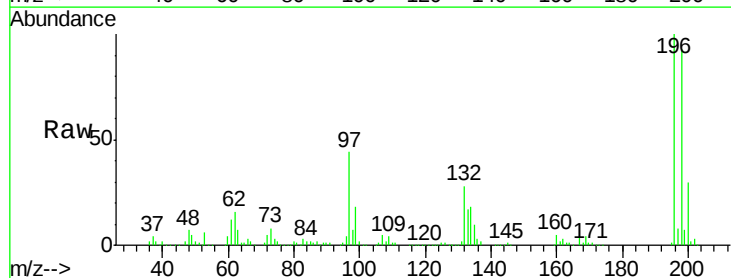
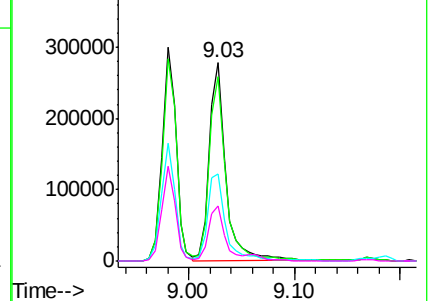
132 27.5 22.9 34.3

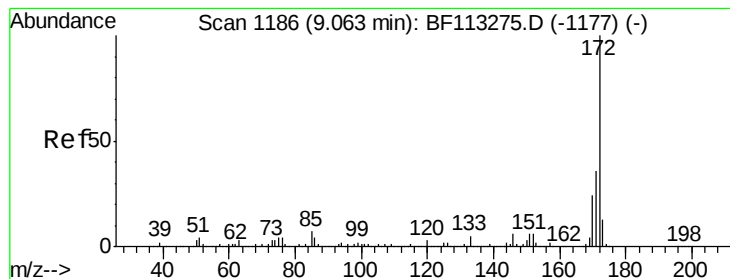
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.502 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

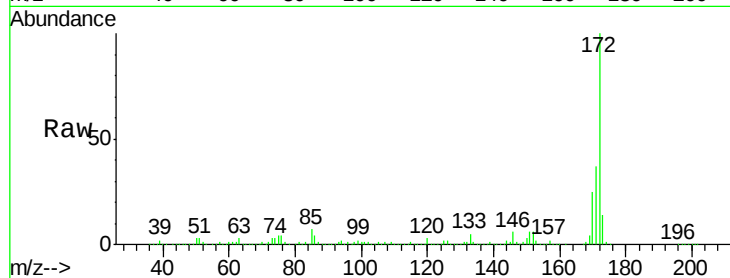
Tgt Ion:172 Resp: 1686111

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

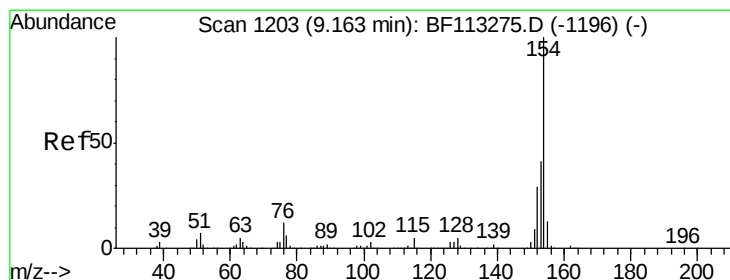
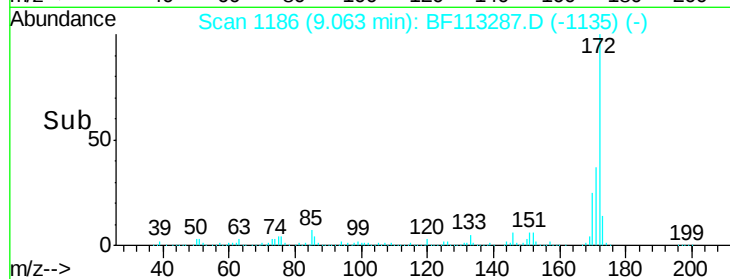
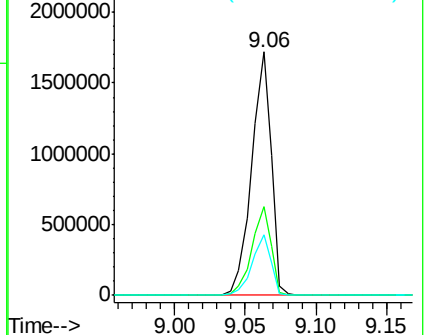
170 24.8 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.439 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

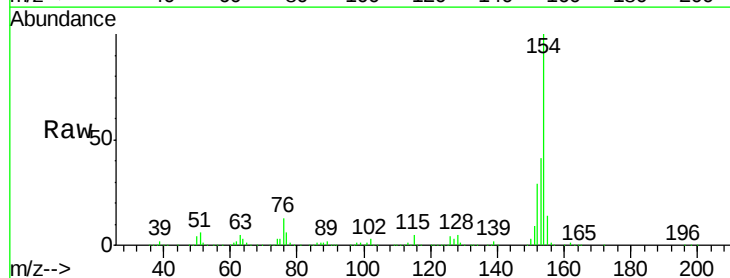
Tgt Ion:154 Resp: 1079458

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

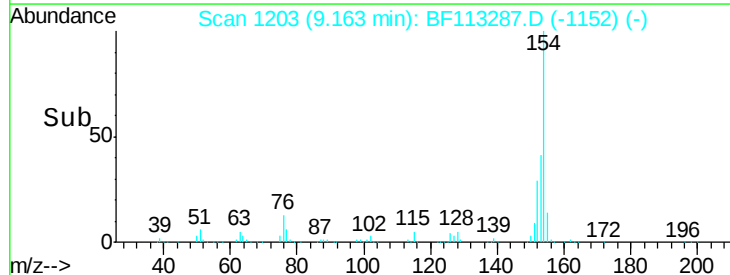
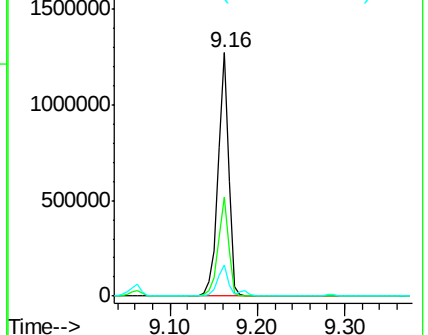
76 12.7 0.0 31.9

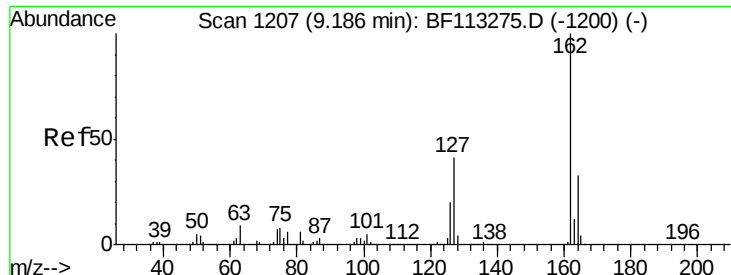


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

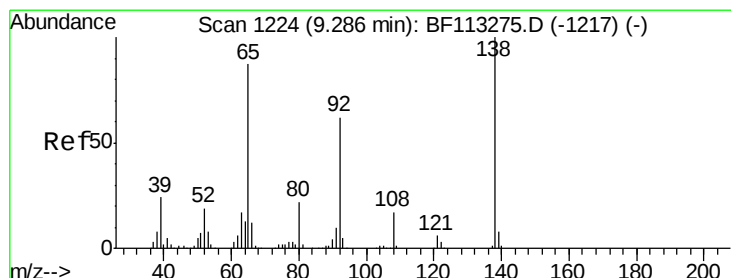
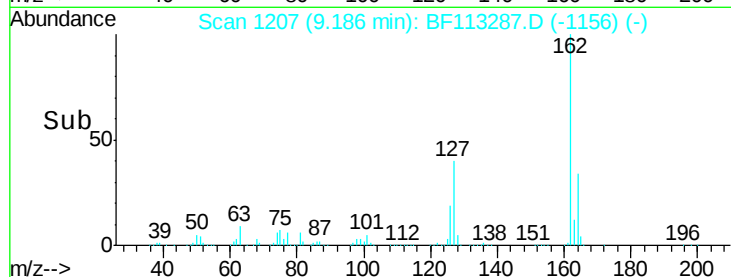
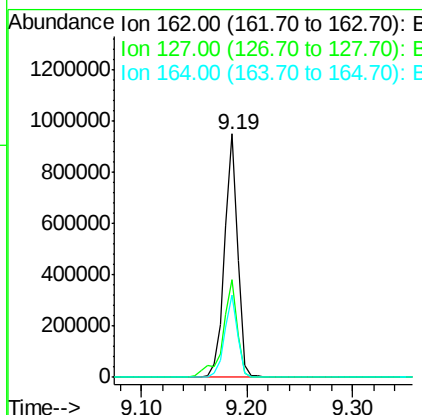
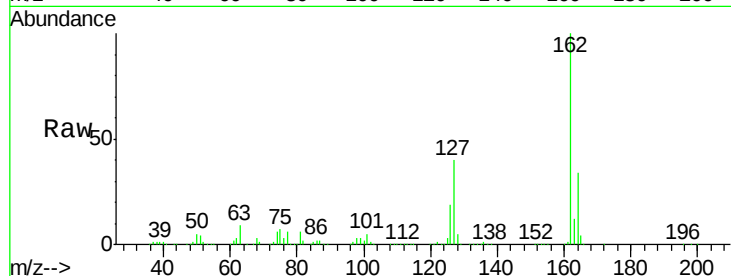




#47
 2-Chloronaphthalene
 Concen: 39.151 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

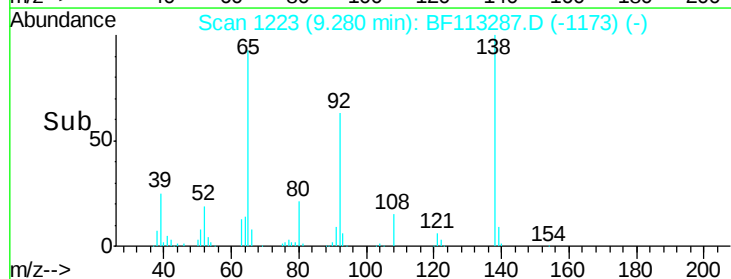
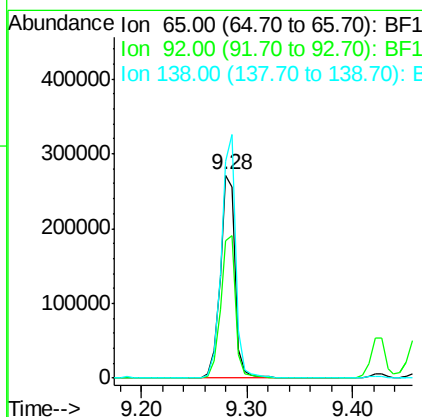
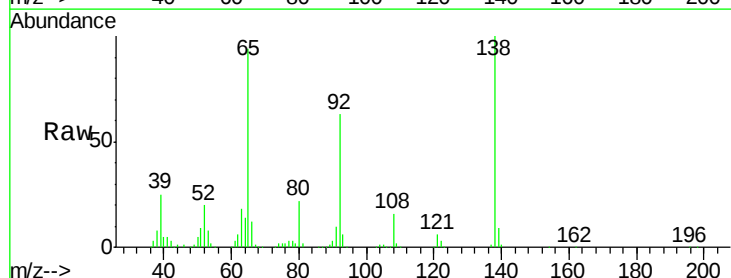
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

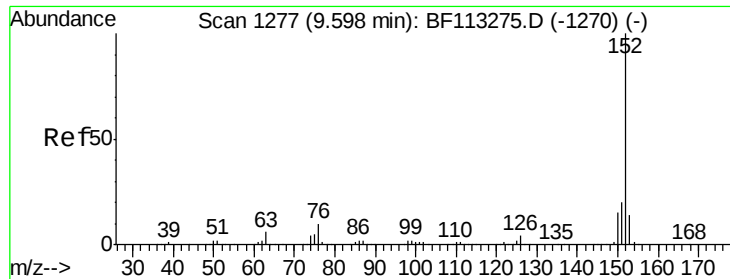
Tgt Ion:	162	Resp:	825061
Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	49.0
164	33.6	26.6	39.8



#48
 2-Nitroaniline
 Concen: 41.046 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:	65	Resp:	271452
Ion	Ratio	Lower	Upper
65	100		
92	67.5	56.8	85.2
138	106.9	92.3	138.5





#49

Acenaphthylene

Concen: 40.346 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

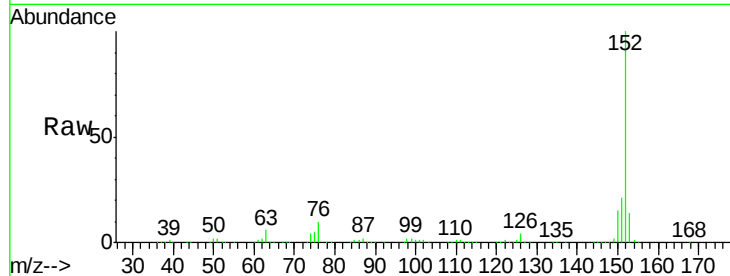
Tgt Ion:152 Resp: 1374759

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

153 13.7 11.0 16.6



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

2000000

1500000

1000000

500000

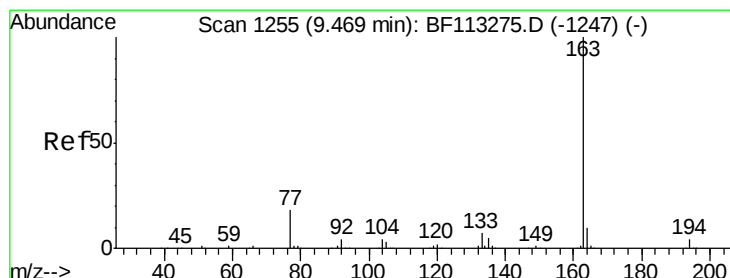
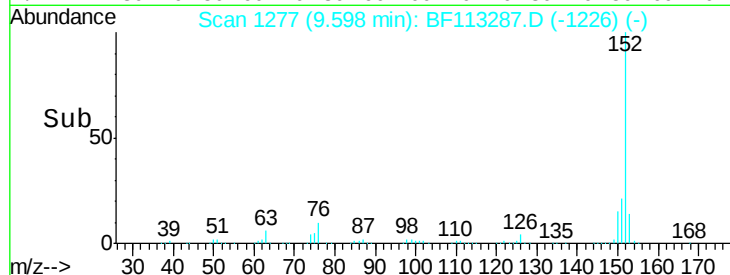
0

9.50

9.60

9.70

Time-->



#50

Dimethylphthalate

Concen: 40.234 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

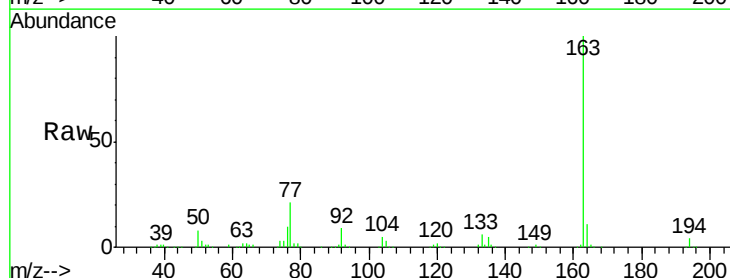
Tgt Ion:163 Resp: 977128

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

1200000

1000000

800000

600000

400000

200000

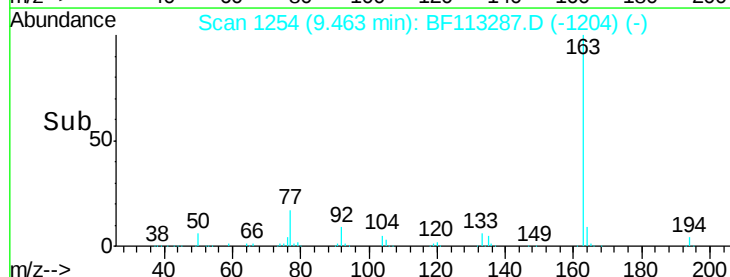
0

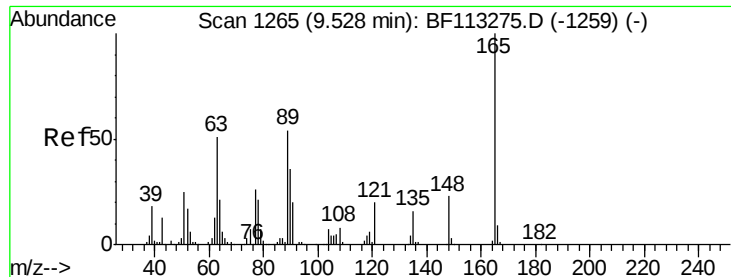
9.40

9.45

9.50

Time-->

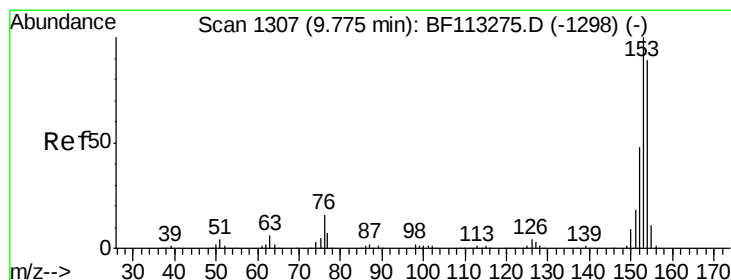
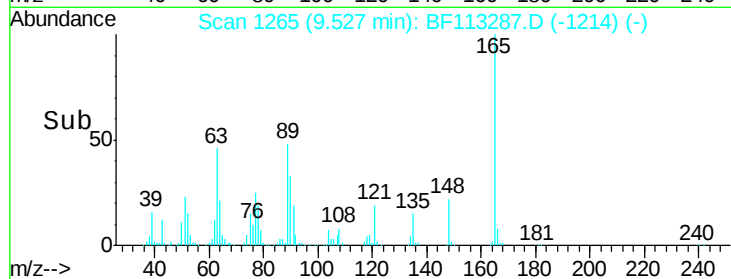
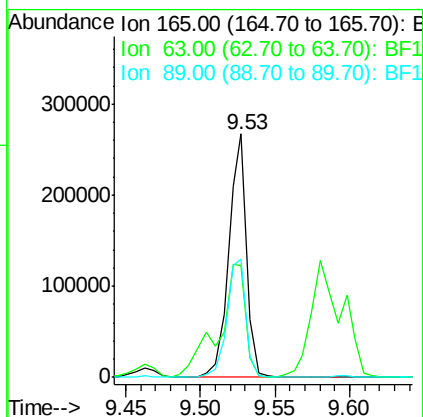
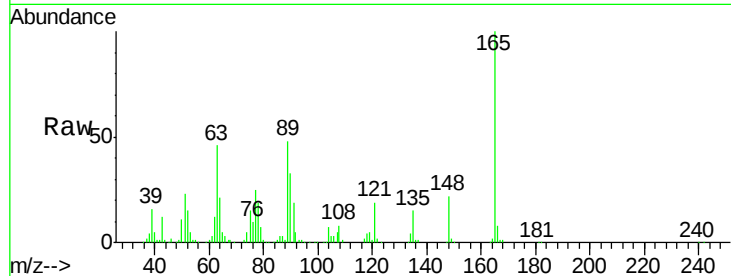




#51
 2,6-Dinitrotoluene
 Concen: 41.030 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

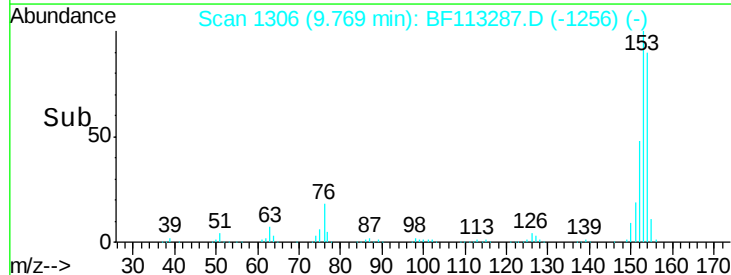
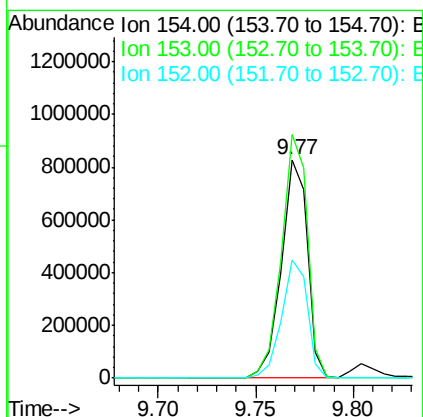
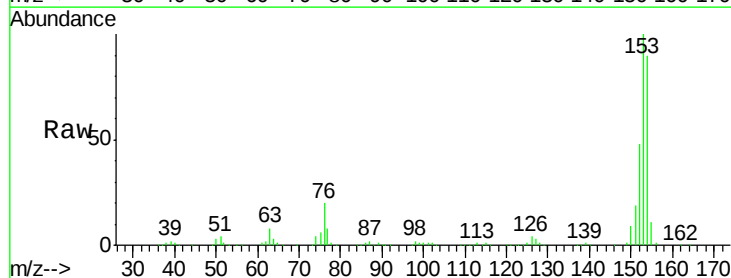
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

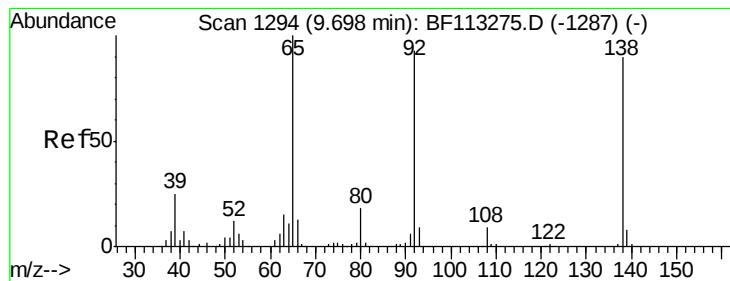
Tgt Ion:165 Resp: 224794
 Ion Ratio Lower Upper
 165 100
 63 46.1 43.4 65.0
 89 48.5 43.1 64.7



#52
 Acenaphthene
 Concen: 40.049 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:154 Resp: 768494
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.5 134.3
 152 53.9 43.3 64.9





#53

3-Nitroaniline

Concen: 41.666 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

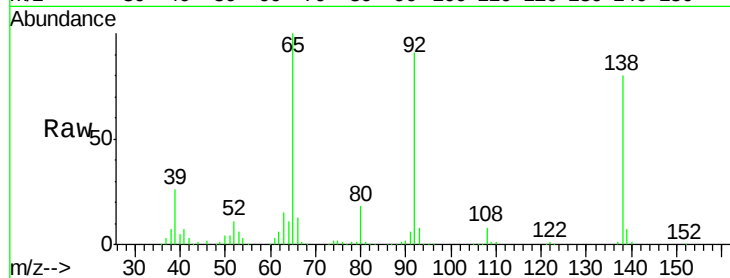
Tgt Ion:138 Resp: 257438

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

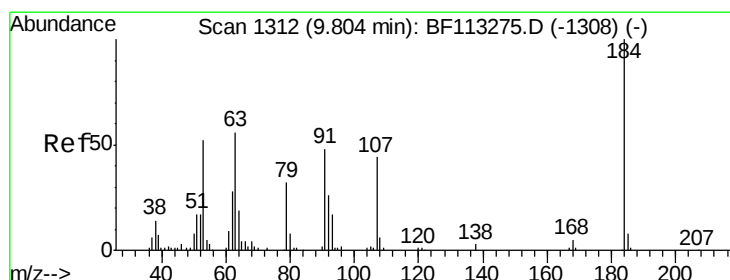
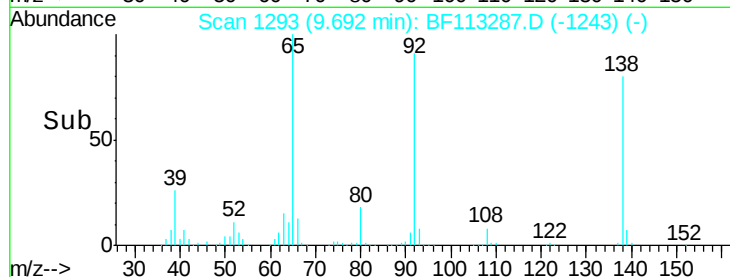
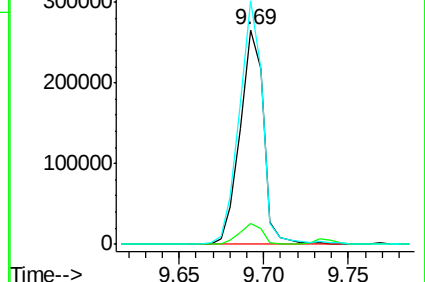
92 113.7 82.6 124.0



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: 35.544 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

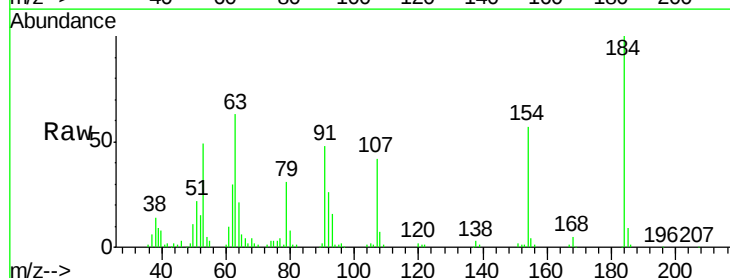
Tgt Ion:184 Resp: 96856

Ion Ratio Lower Upper

184 100

63 62.8 54.3 81.5

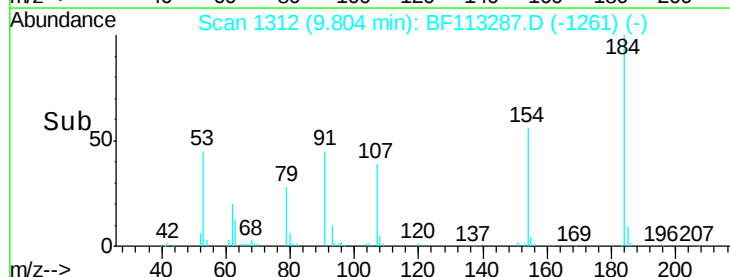
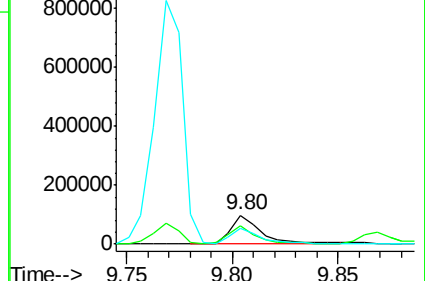
154 56.5 48.4 72.6

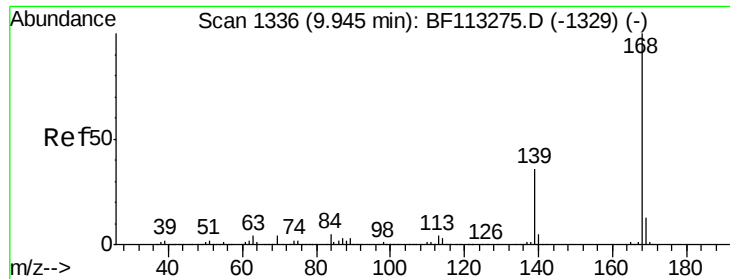


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

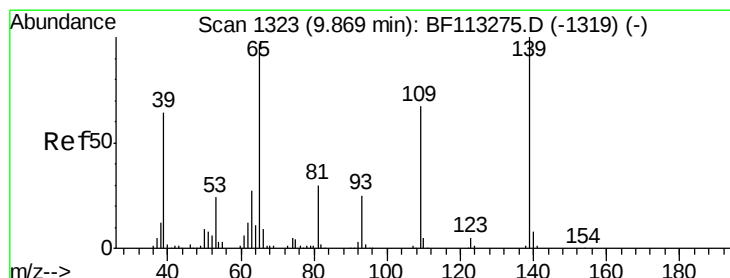
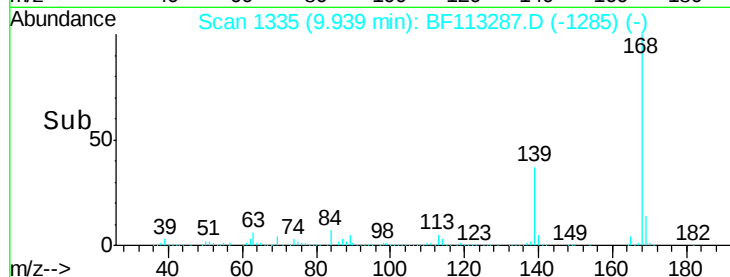
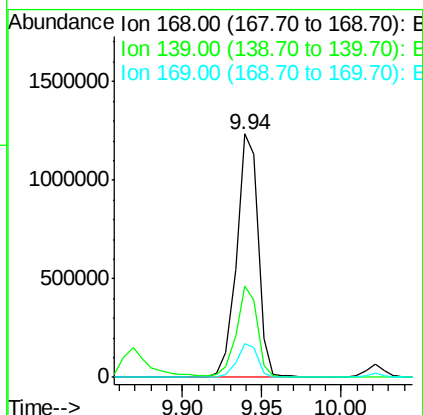
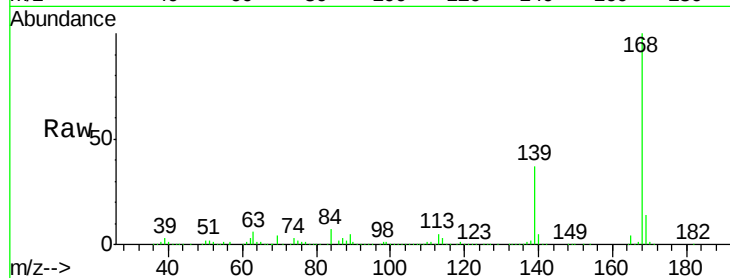




#55
Dibenzofuran
Concen: 40.519 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

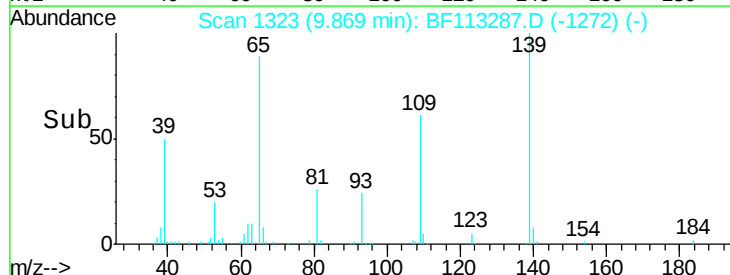
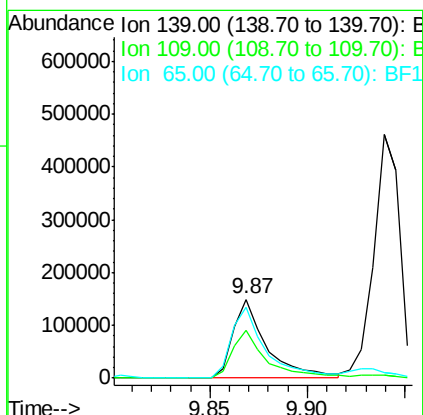
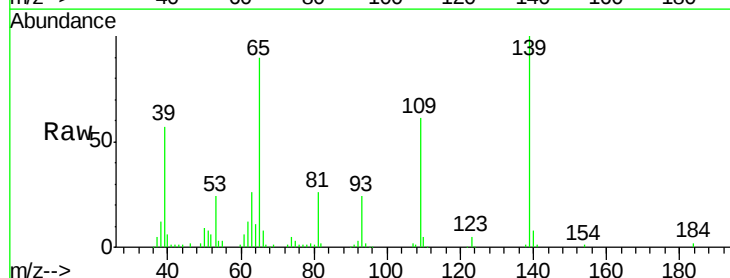
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

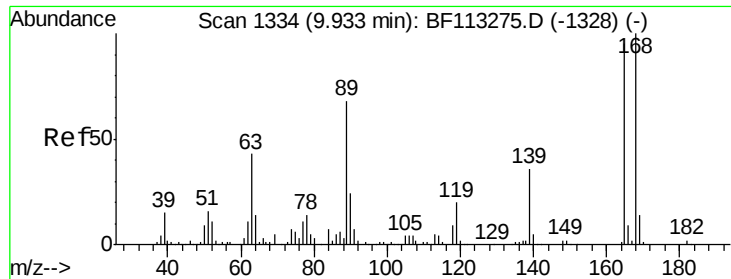
Tgt Ion:168 Resp: 1168860
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 40.904 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:139 Resp: 180177
Ion Ratio Lower Upper
139 100
109 61.0 46.9 86.9
65 90.1 77.2 117.2

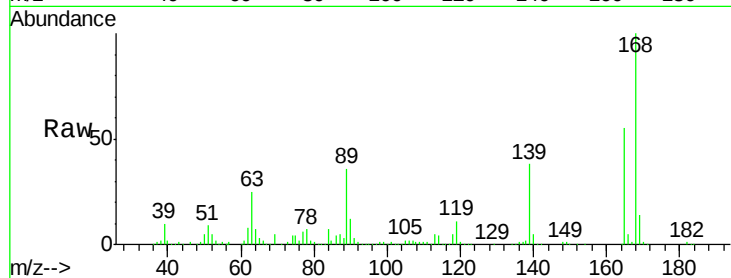




#57
2,4-Dinitrotoluene
Concen: 41.097 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	286339		
63	44.9	37.5	56.3	
89	66.5	57.4	86.2	
182	2.6	2.0	3.0	

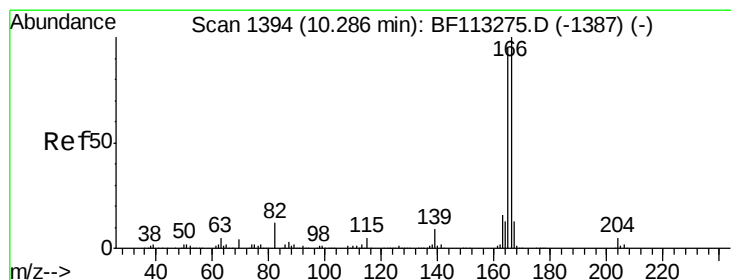
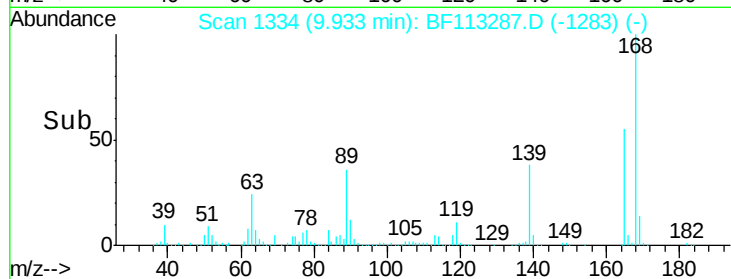
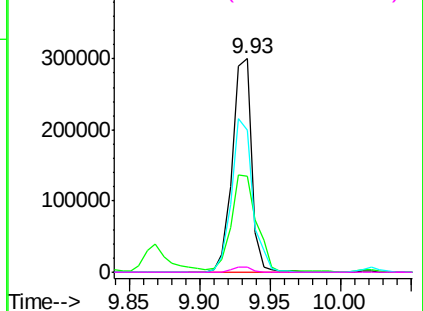


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

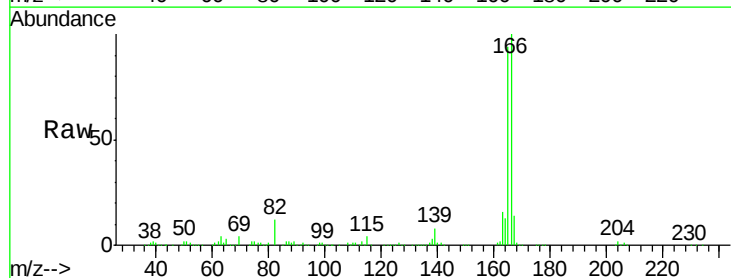
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.326 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

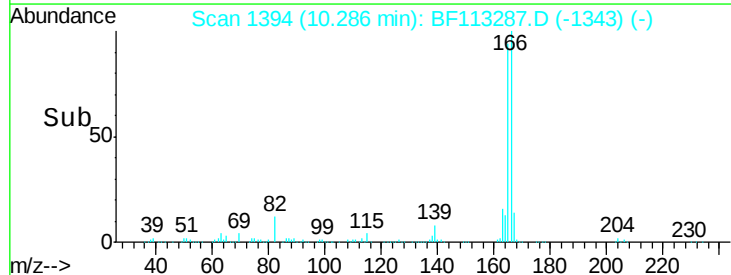
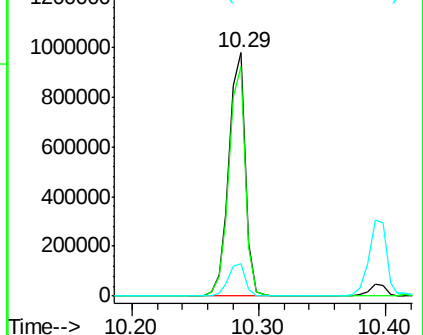
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	881301		
165	94.4	76.2	114.2	
167	13.5	10.7	16.1	



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

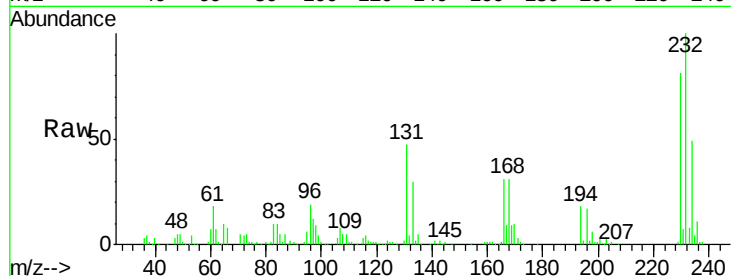




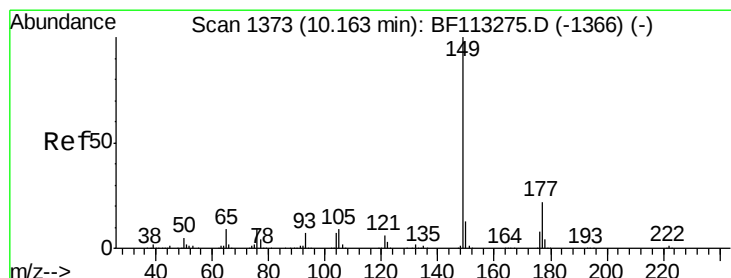
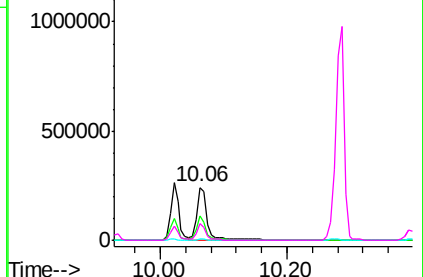
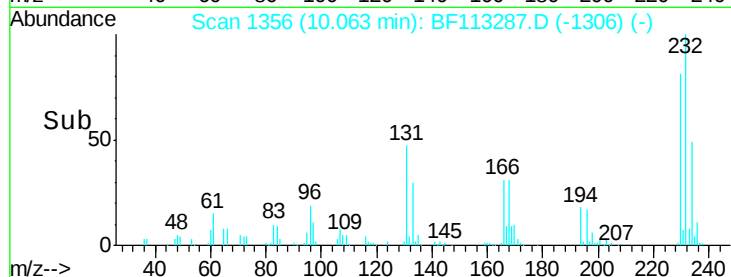
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.522 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	232	Resp:	272606
Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.2	49.8
130	1.9	1.6	2.4
166	26.2	21.0	31.6

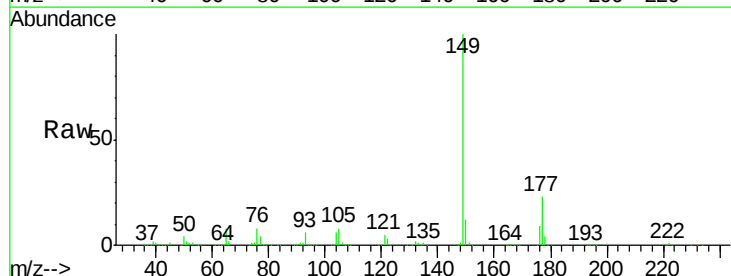


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

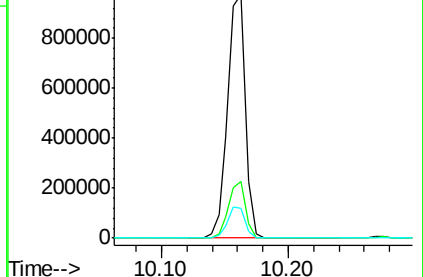
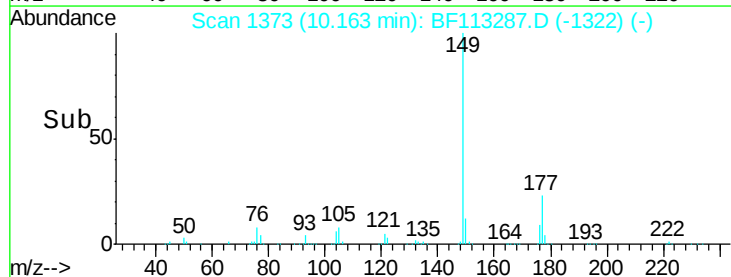


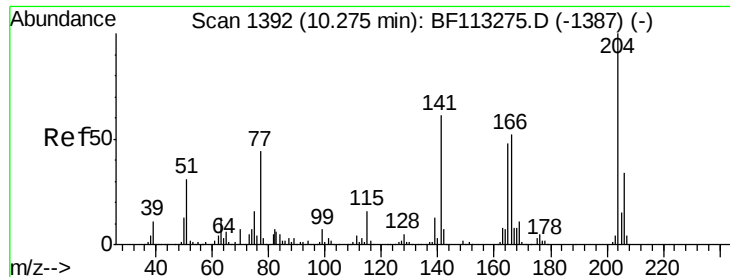
#60
Diethylphthalate
Concen: 39.611 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:	149	Resp:	943701
Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.4	26.0
150	12.5	10.0	15.0



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

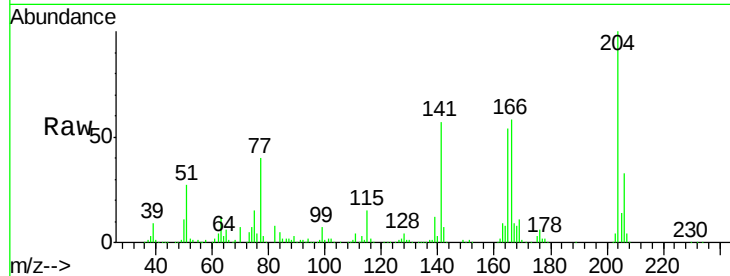




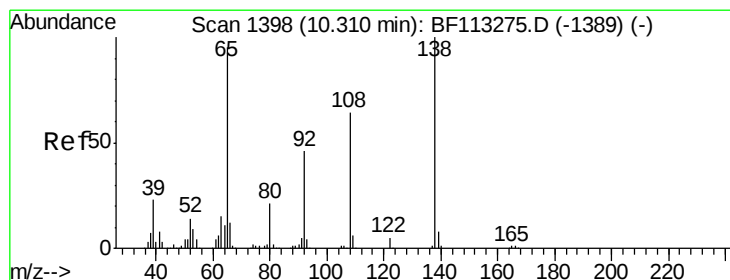
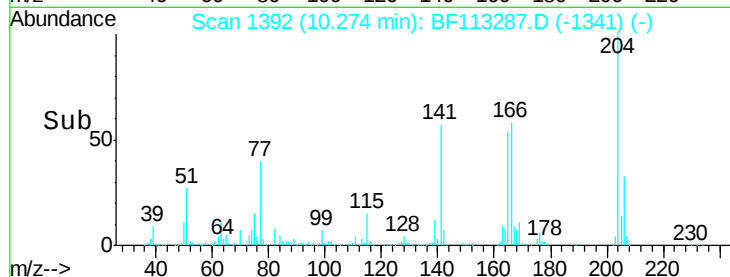
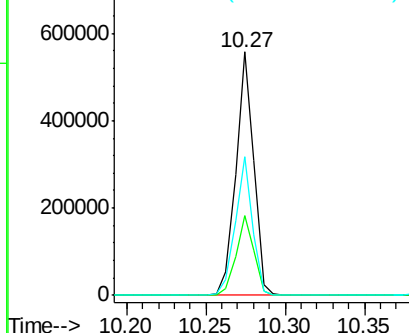
#61
4-Chlorophenyl-phenylether
Concen: 39.866 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 435426
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 57.1 48.8 73.2

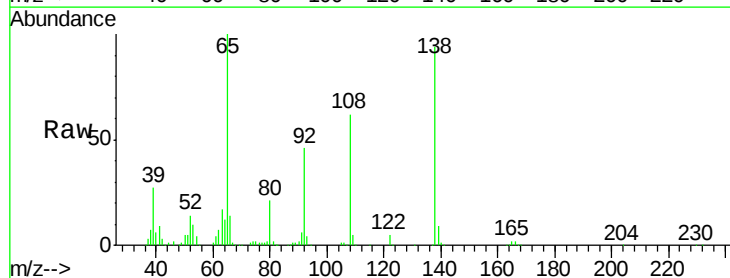


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

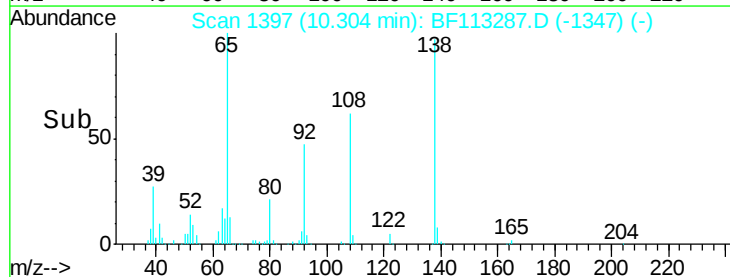
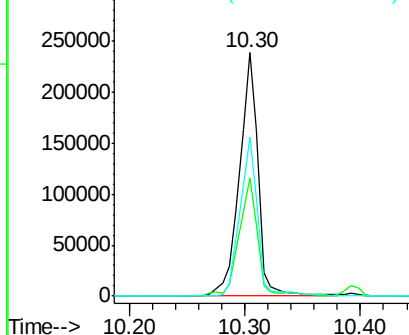


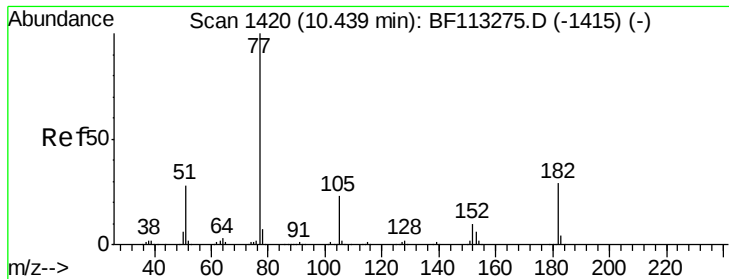
#62
4-Nitroaniline
Concen: 42.127 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion:138 Resp: 267985
Ion Ratio Lower Upper
138 100
92 48.7 25.8 65.8
108 65.2 44.0 84.0



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





#63

Azobenzene

Concen: 40.619 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 77 Resp: 910940

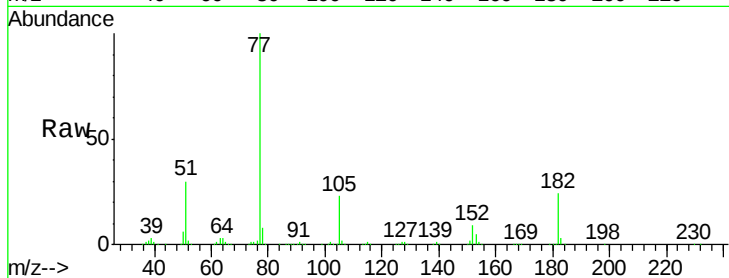
Ion Ratio Lower Upper

77 100

182 23.8 8.7 48.7

105 22.8 2.9 42.9

51 29.6 8.8 48.8

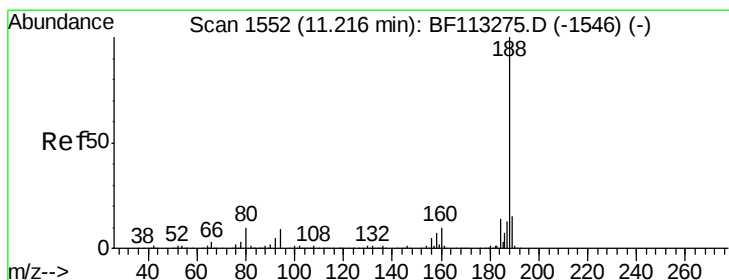
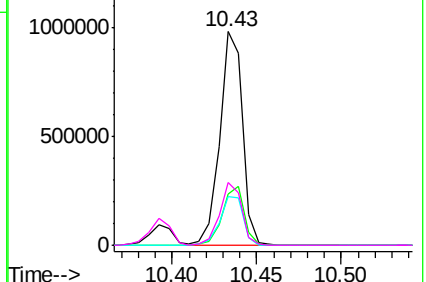
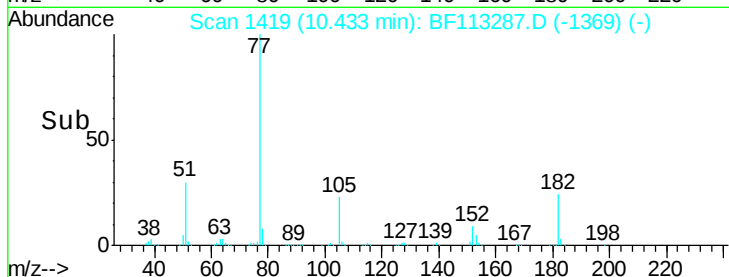


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

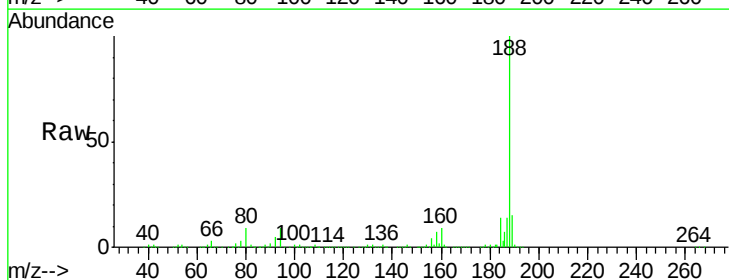
Tgt Ion: 188 Resp: 662776

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

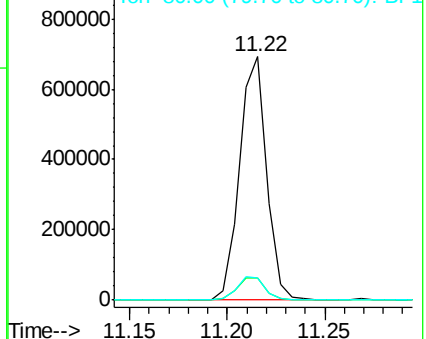
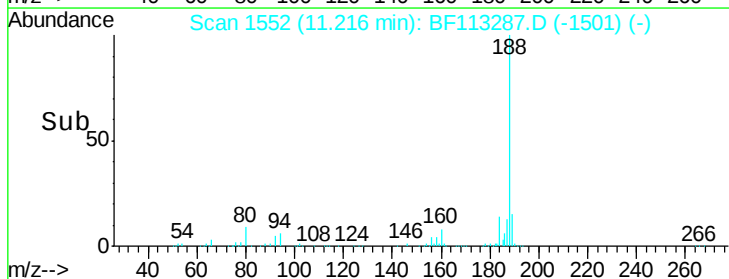
80 9.0 7.7 11.5



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

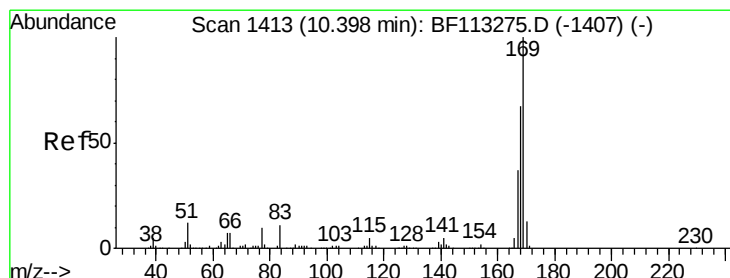
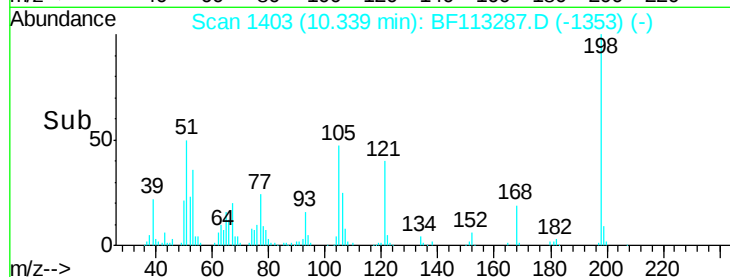
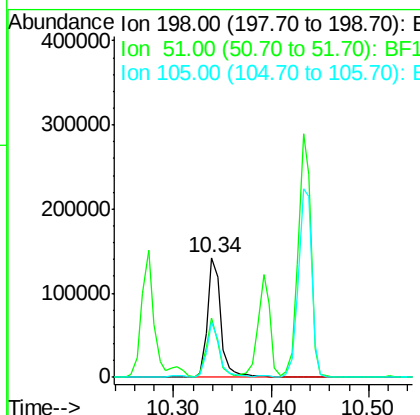
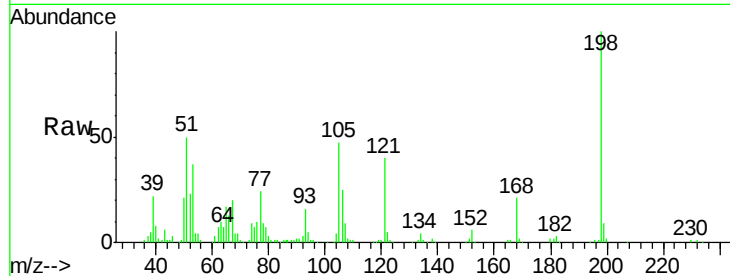




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.086 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

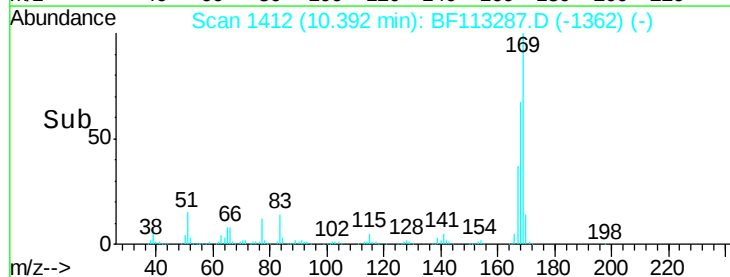
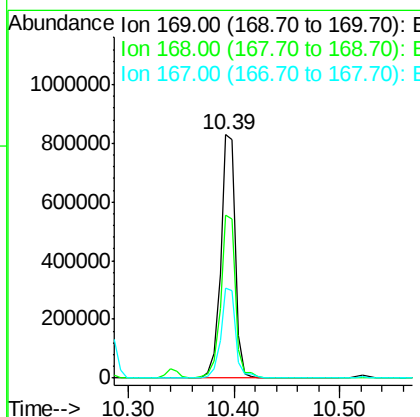
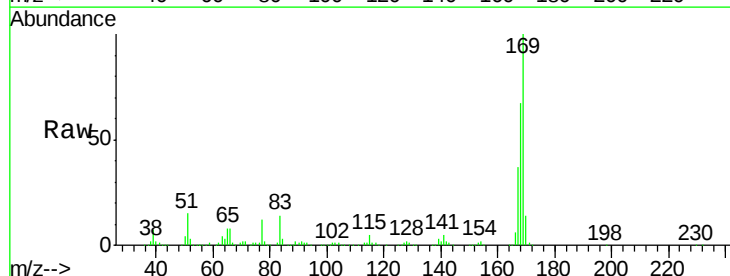
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

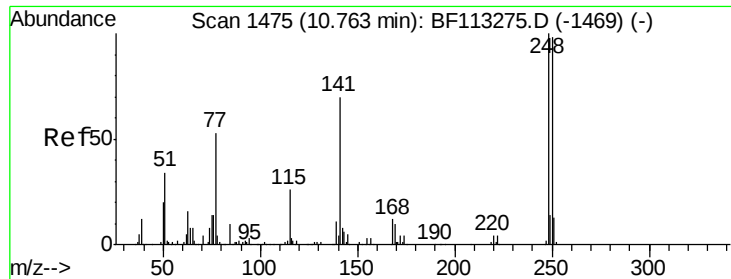
Tgt Ion	Ratio	Lower	Upper
198	100		
51	50.0	21.6	61.6
105	46.6	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 39.463 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.7	80.5
167	37.1	29.5	44.3

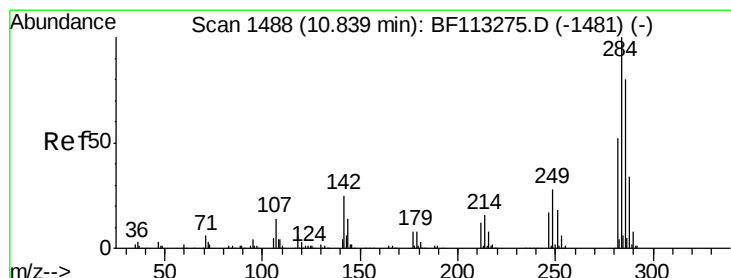
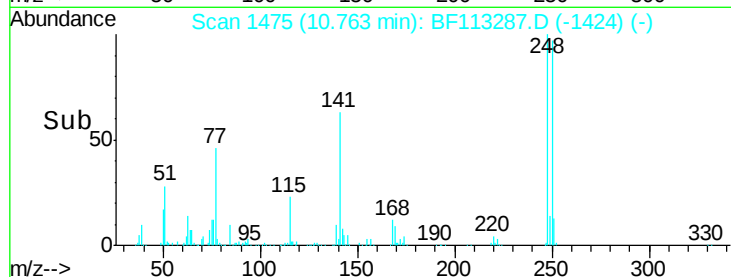
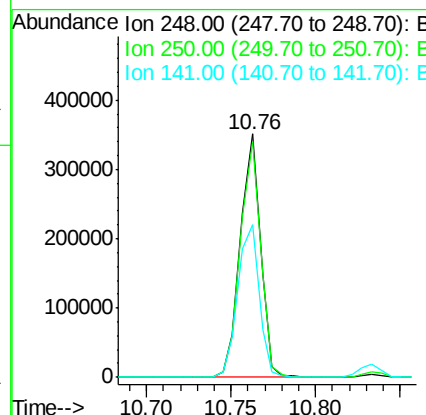
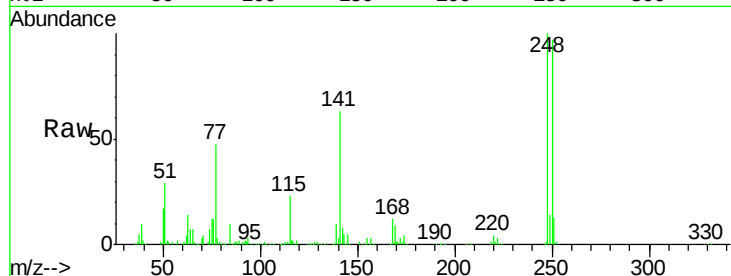




#67
 4-Bromophenyl-phenylether
 Concen: 40.623 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

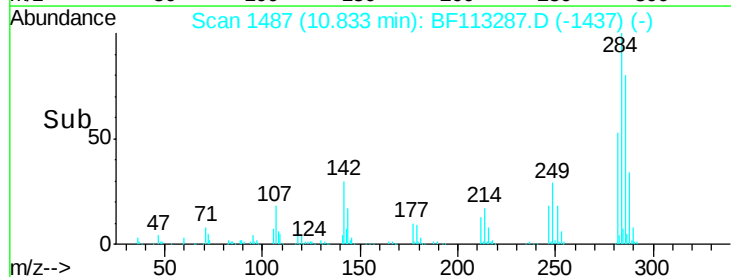
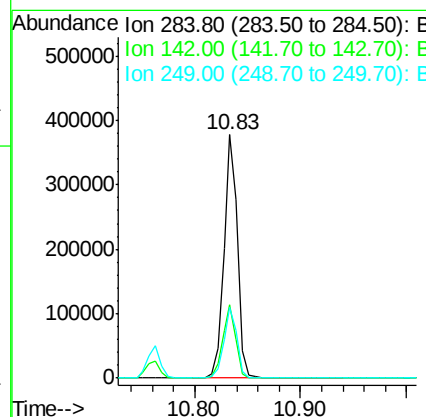
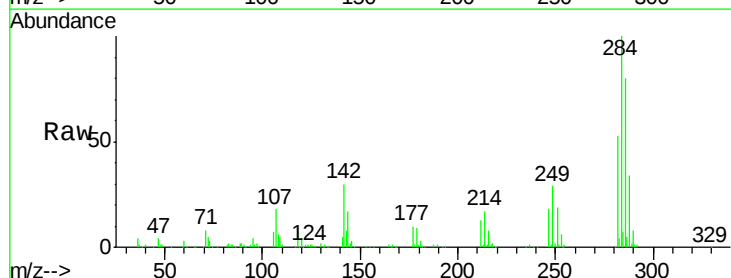
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

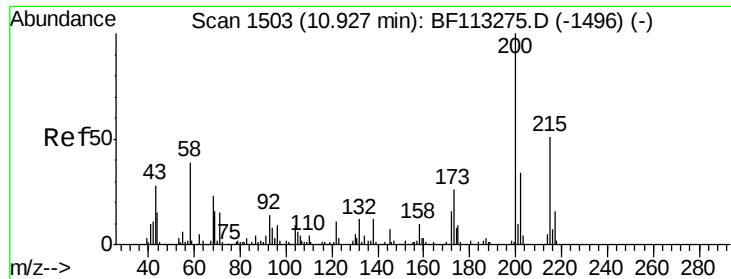
Tgt Ion:248 Resp: 293447
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.3 117.5
 141 63.0 56.2 84.4



#68
 Hexachlorobenzene
 Concen: 40.752 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:284 Resp: 341699
 Ion Ratio Lower Upper
 284 100
 142 30.2 20.1 30.1#
 249 29.0 22.7 34.1

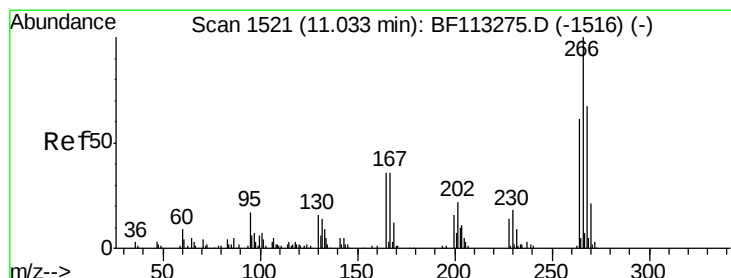
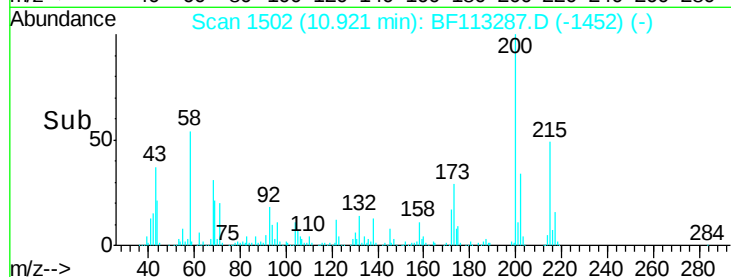
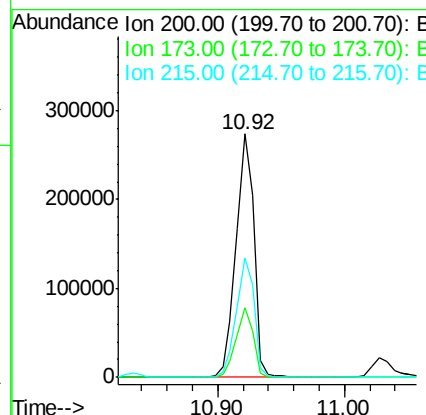
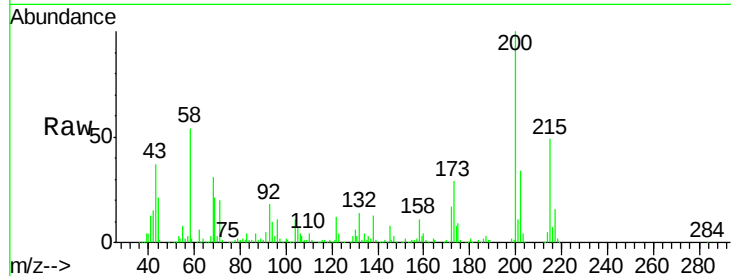




#69
 Atrazine
 Concen: 41.494 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

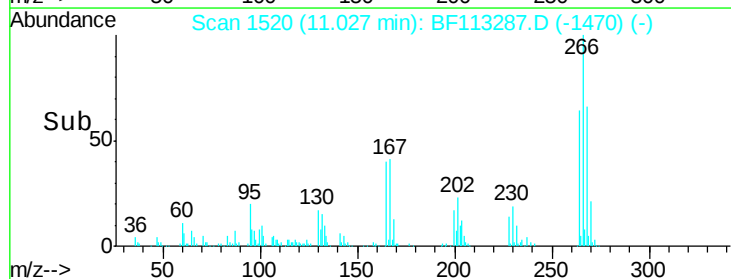
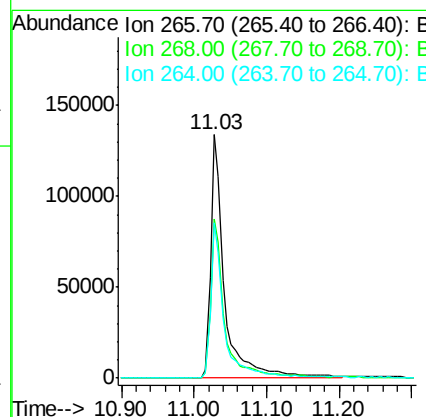
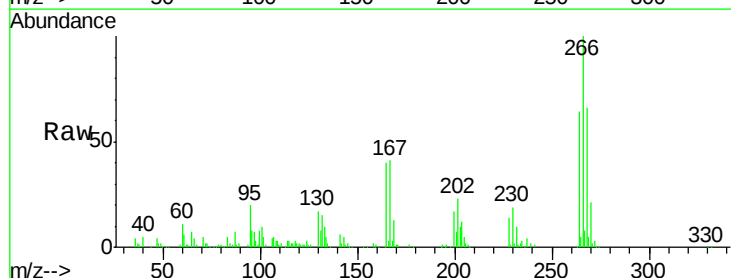
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

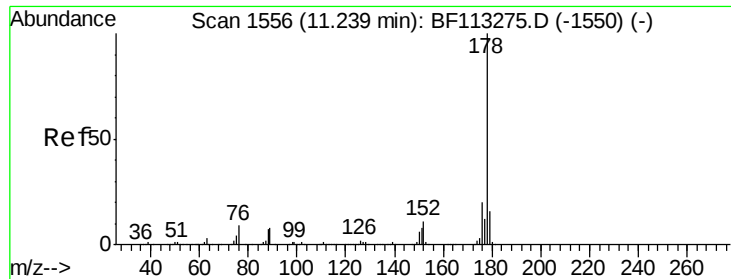
Tgt Ion:200 Resp: 266361
 Ion Ratio Lower Upper
 200 100
 173 28.7 6.0 46.0
 215 49.3 31.3 71.3



#70
 Pentachlorophenol
 Concen: 41.225 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:266 Resp: 180092
 Ion Ratio Lower Upper
 266 100
 268 65.5 53.8 80.6
 264 64.0 49.2 73.8





#71

Phenanthrene

Concen: 40.178 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

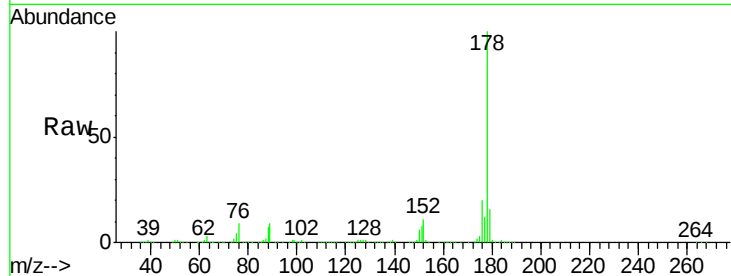
Tgt Ion:178 Resp: 1322397

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

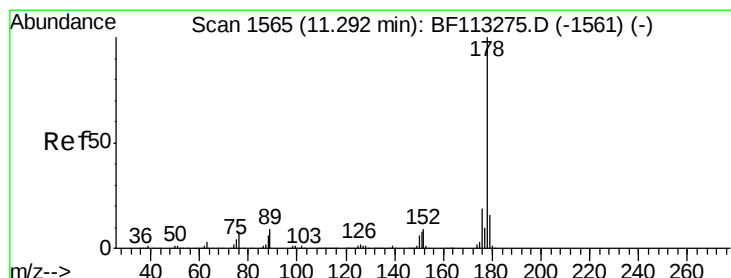
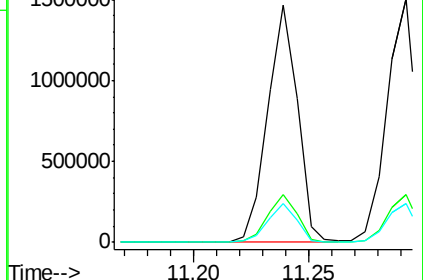
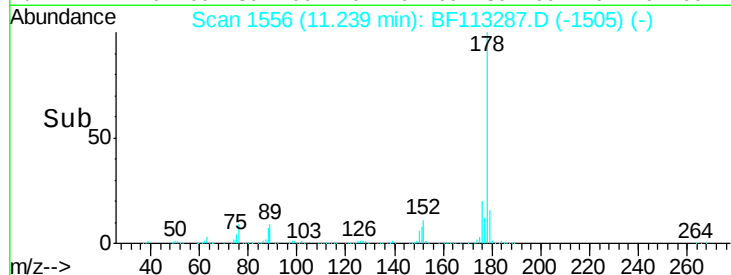
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.660 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

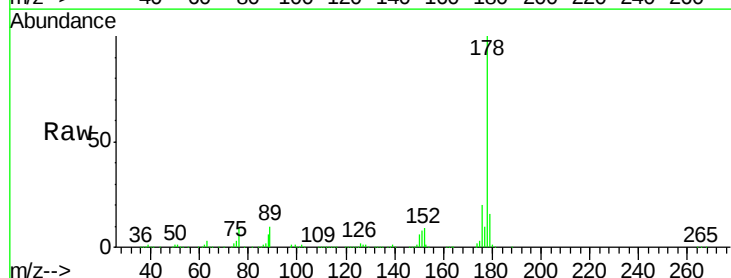
Tgt Ion:178 Resp: 1359327

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

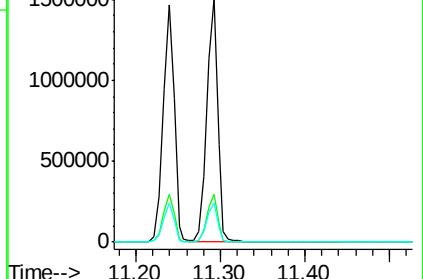
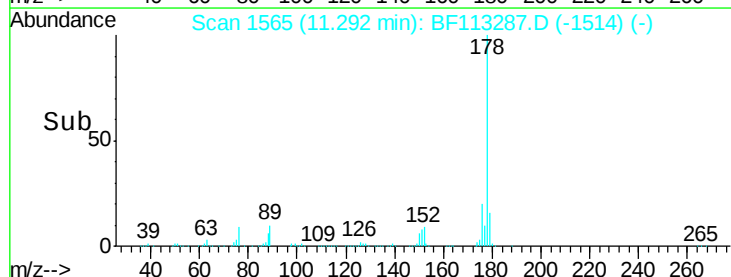
179 15.7 12.8 19.2

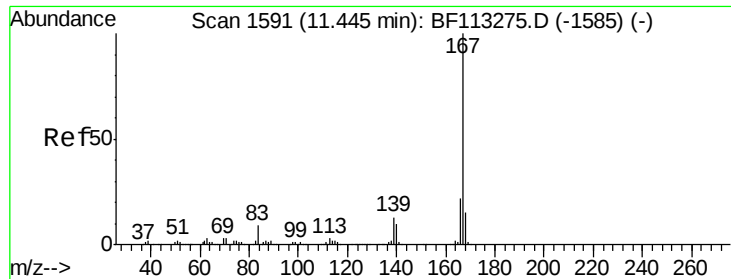


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

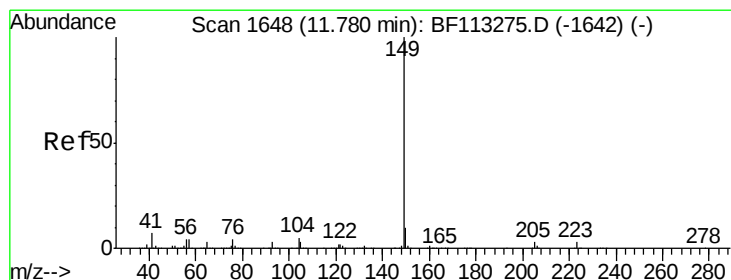
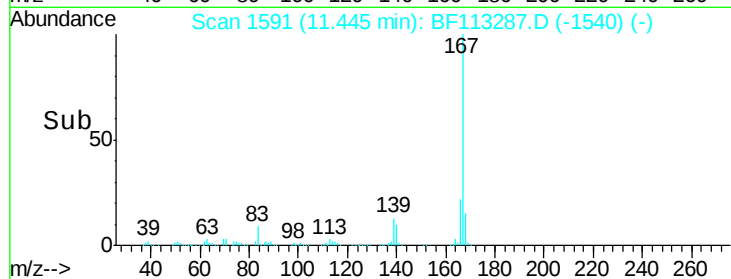
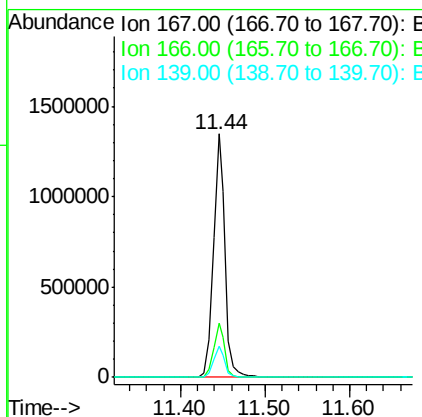
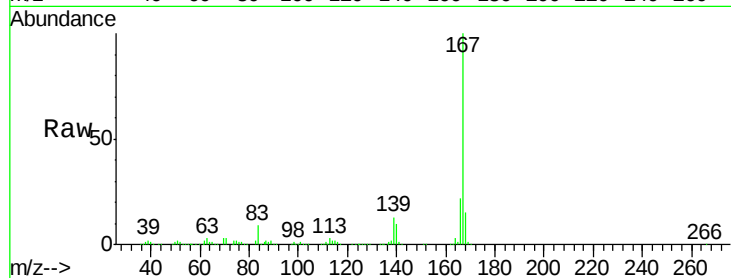




#73
 Carbazole
 Concen: 41.306 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

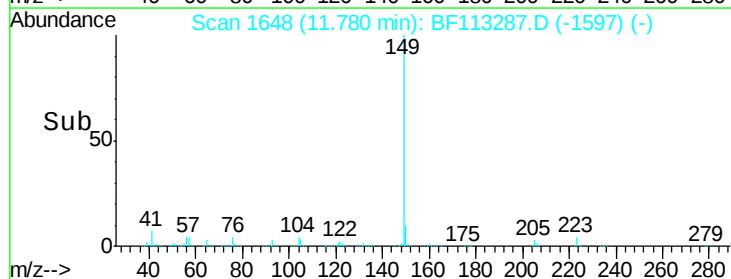
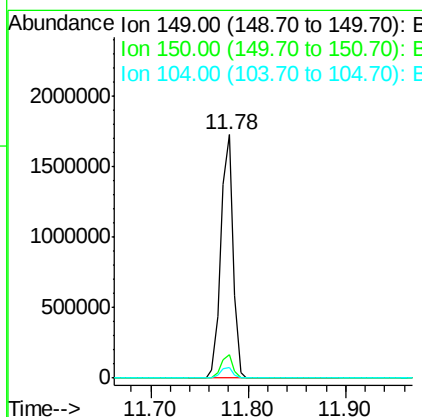
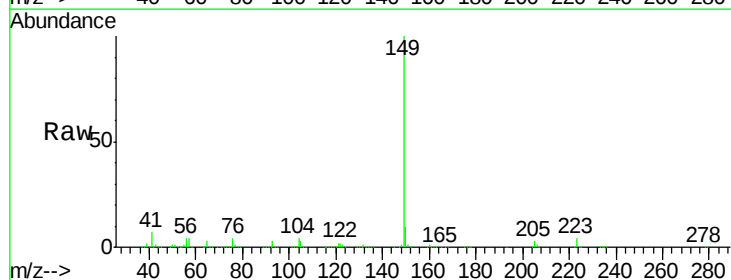
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

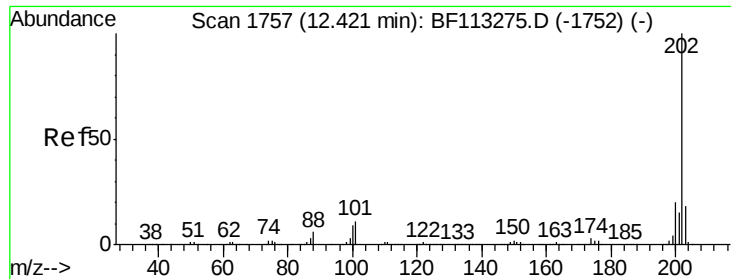
Tgt Ion:167 Resp: 1317696
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.9 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 40.441 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:149 Resp: 1496055
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 39.907 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

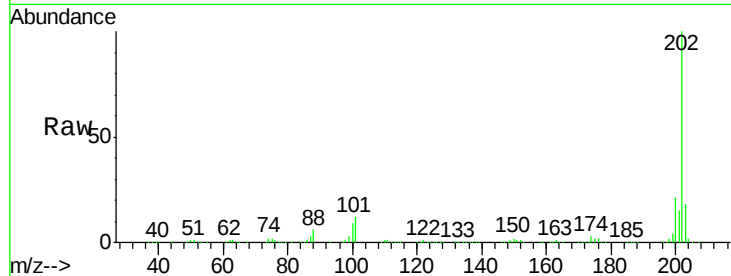
Tgt Ion:202 Resp: 1484876

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

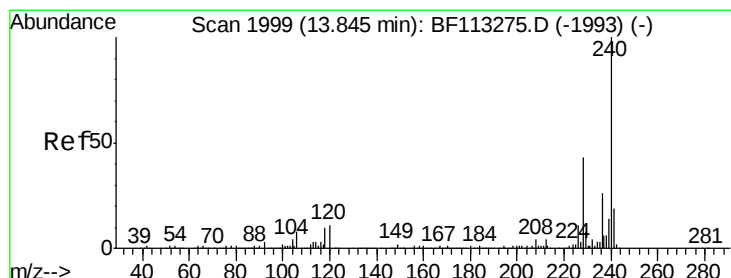
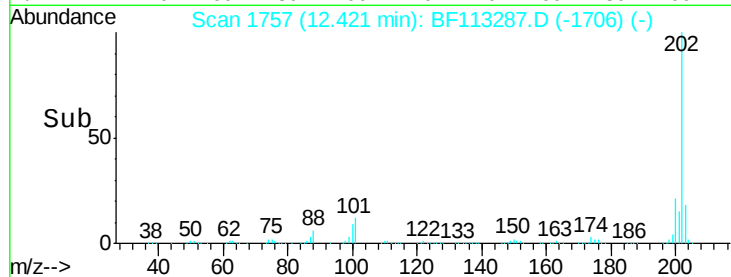
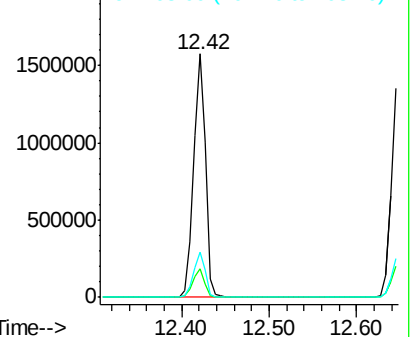
203 18.3 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

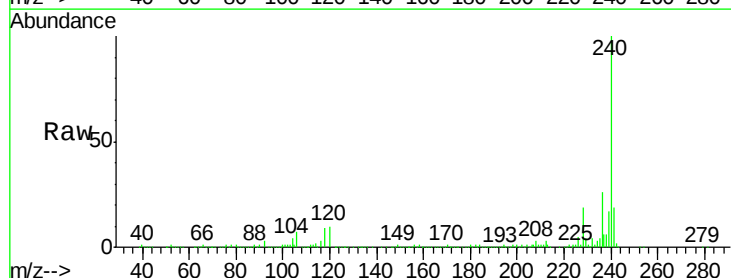
Tgt Ion:240 Resp: 537023

Ion Ratio Lower Upper

240 100

120 9.8 8.8 13.2

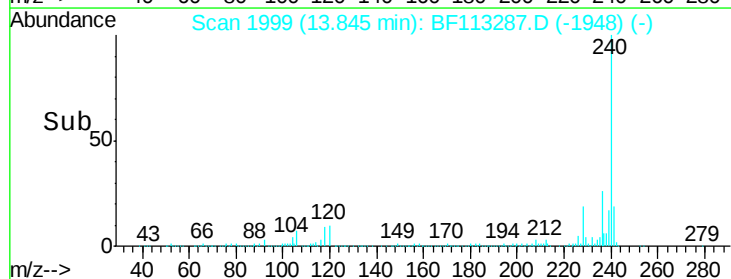
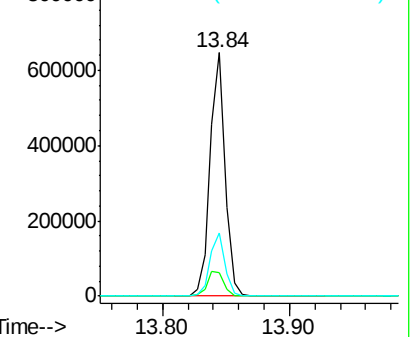
236 26.0 20.9 31.3

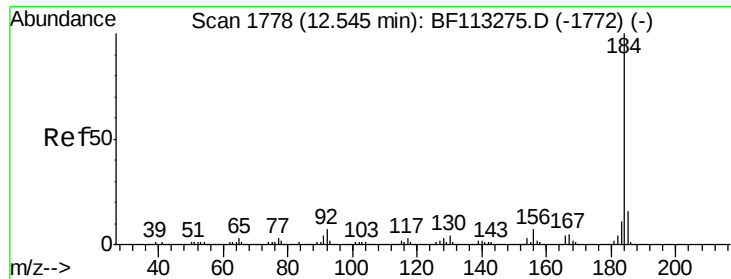


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.922 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

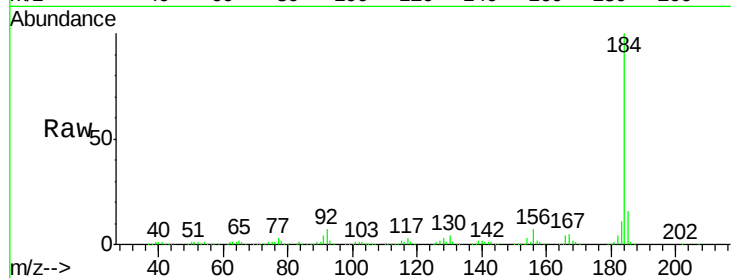
Tgt Ion:184 Resp: 882697

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

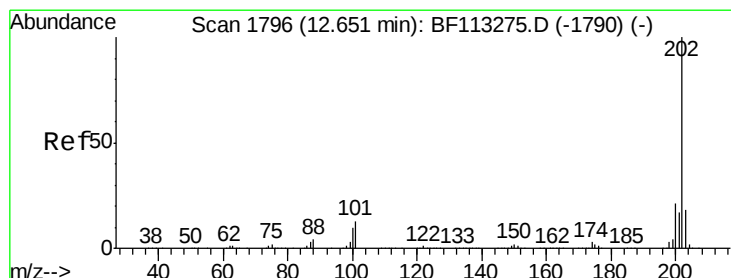
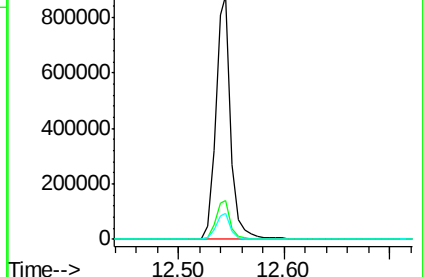
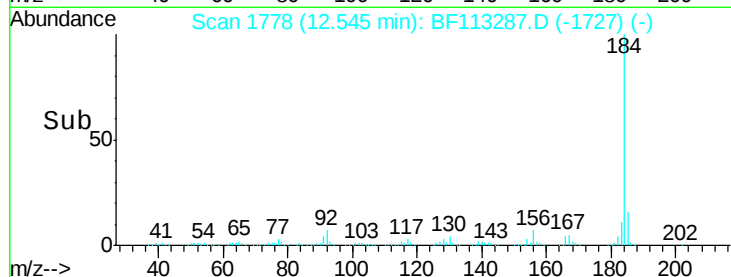
183 10.9 9.0 13.4



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: 40.486 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

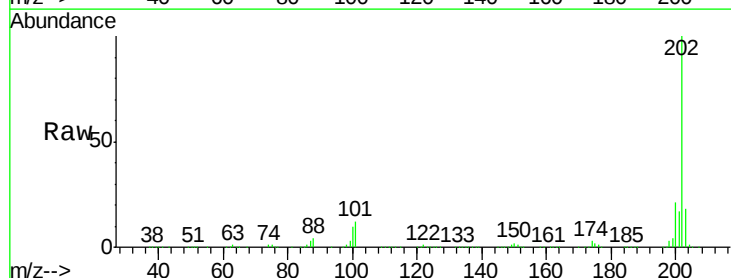
Tgt Ion:202 Resp: 1506634

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

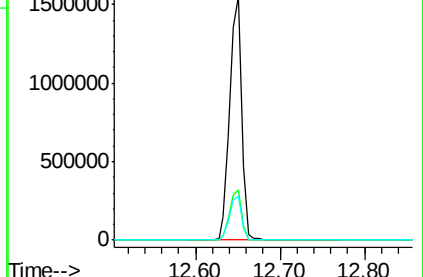
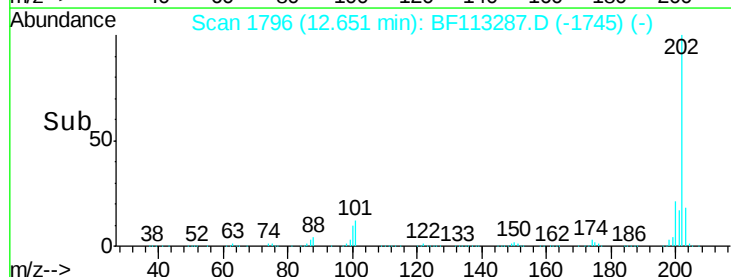
203 18.1 14.4 21.6

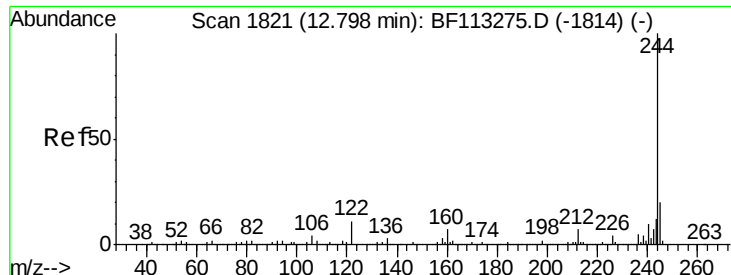


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.417 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

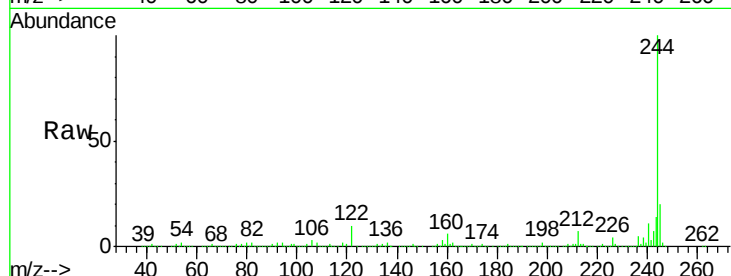
Tgt Ion:244 Resp: 1910546

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

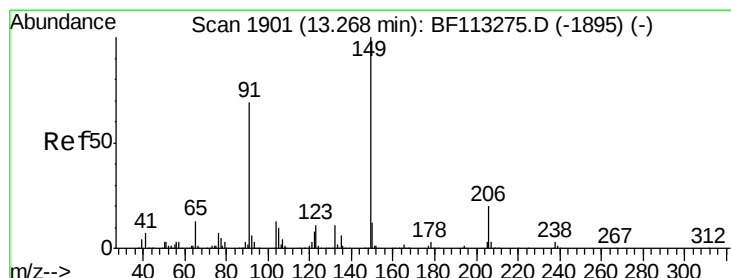
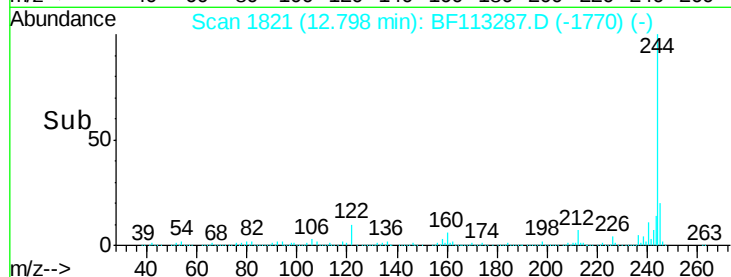
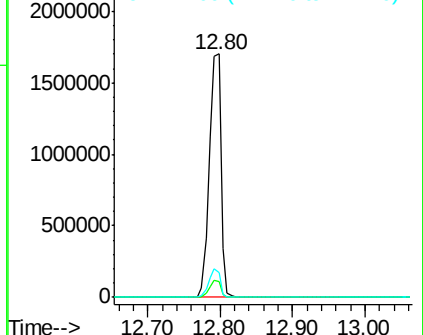
122 9.9 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.136 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

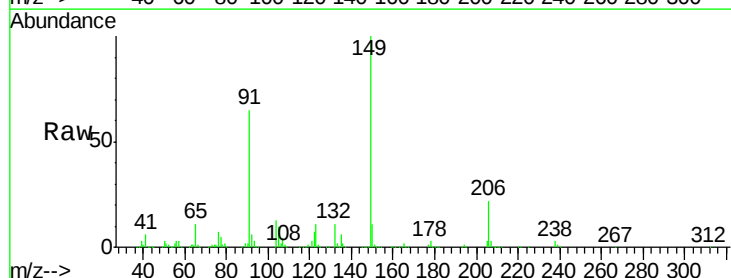
Tgt Ion:149 Resp: 658257

Ion Ratio Lower Upper

149 100

91 65.1 55.2 82.8

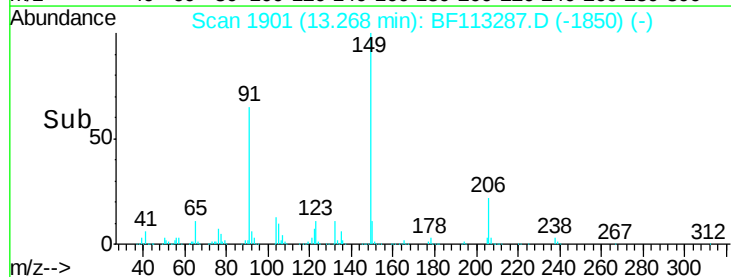
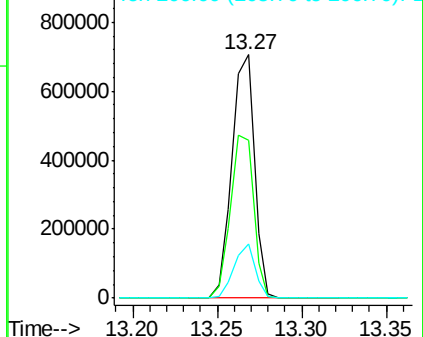
206 22.1 16.1 24.1

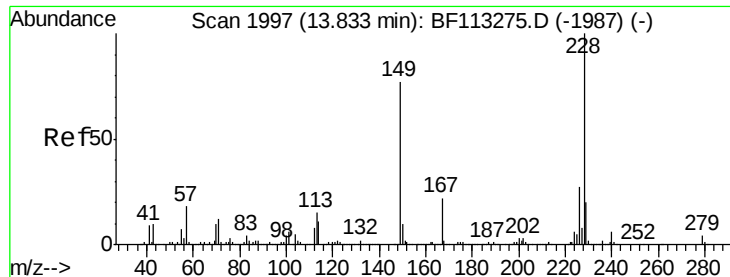


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.301 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

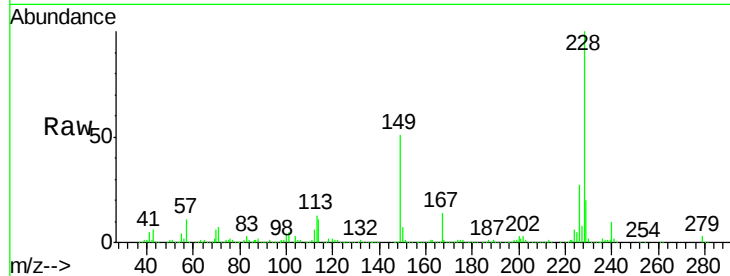
Tgt Ion:228 Resp: 1238872

Ion Ratio Lower Upper

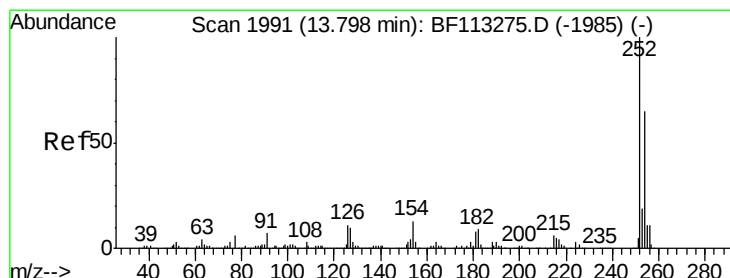
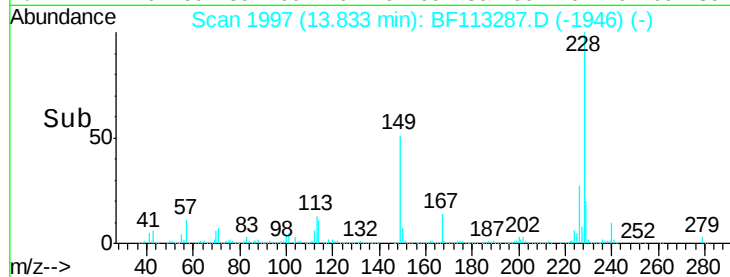
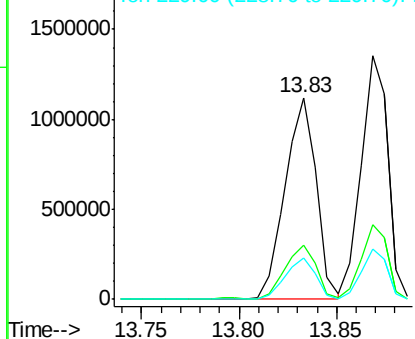
228 100

226 27.1 21.8 32.8

229 20.2 16.2 24.4



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



#82

3,3'-Dichlorobenzidine

Concen: 43.432 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

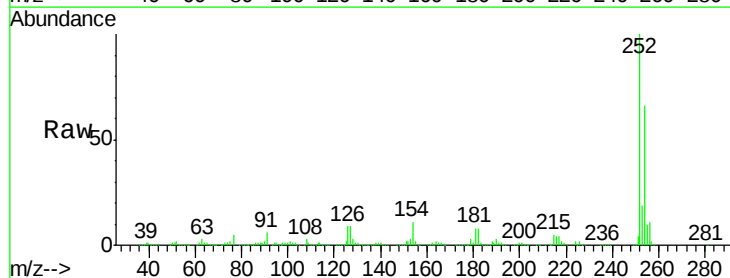
Tgt Ion:252 Resp: 535600

Ion Ratio Lower Upper

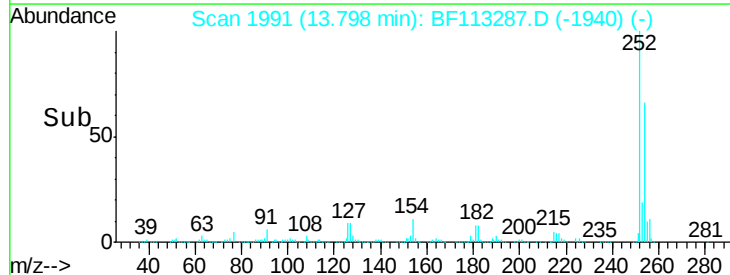
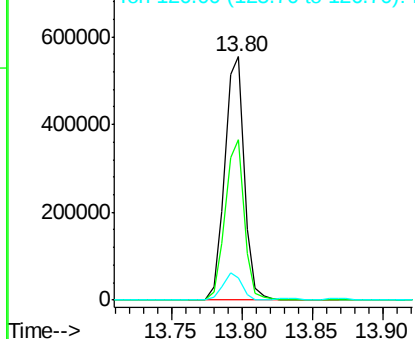
252 100

254 65.7 52.2 78.2

126 9.0 8.5 12.7



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





#83

Chrysene

Concen: 41.184 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

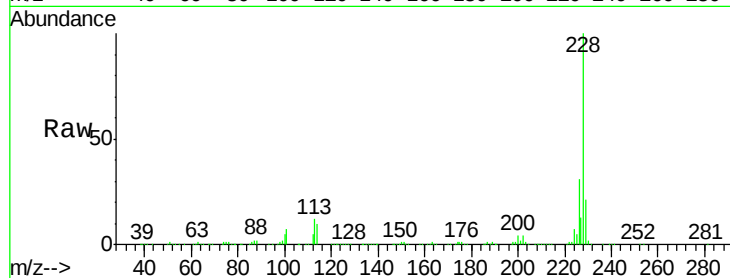
Tgt Ion:228 Resp: 1285895

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

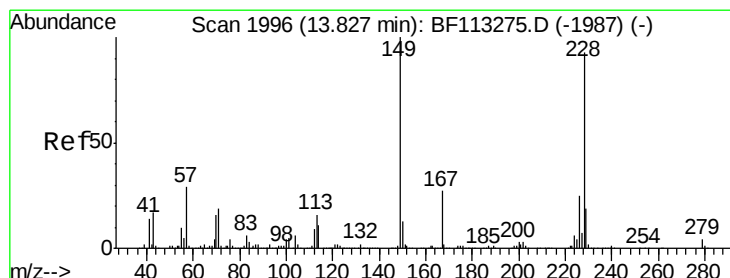
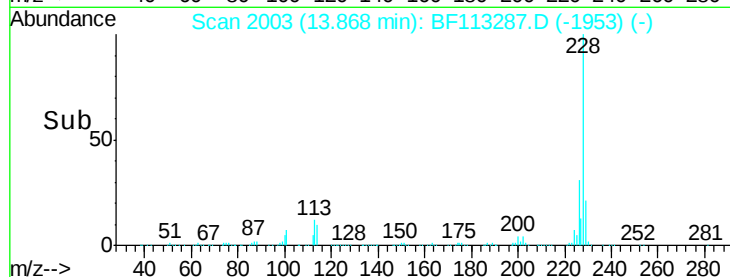
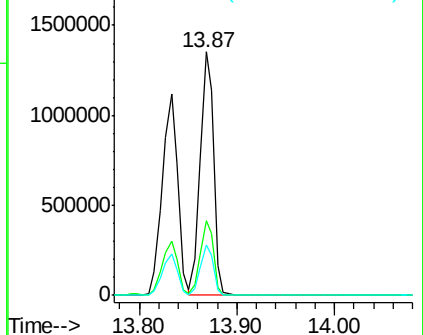
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.571 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

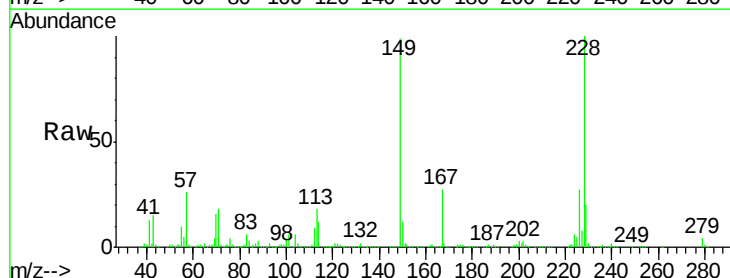
Tgt Ion:149 Resp: 795592

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

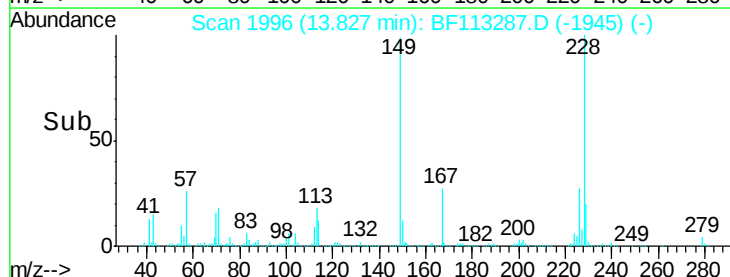
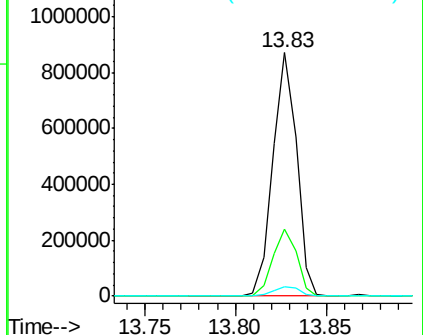
279 4.0 2.9 4.3

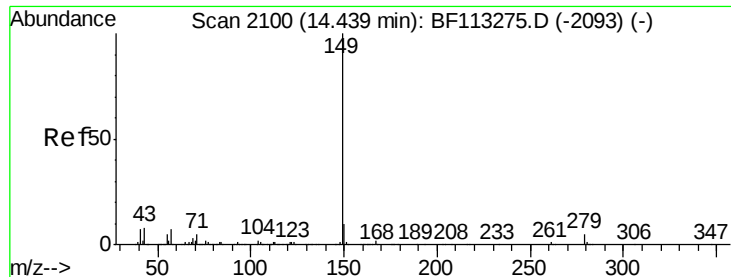


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

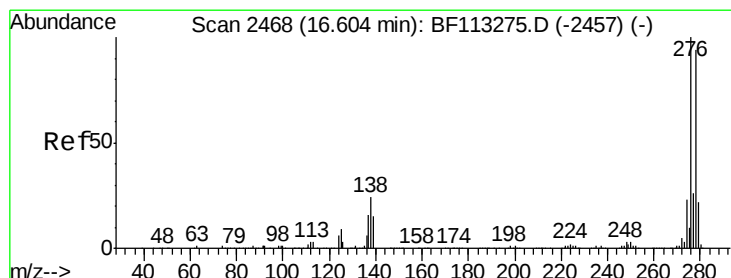
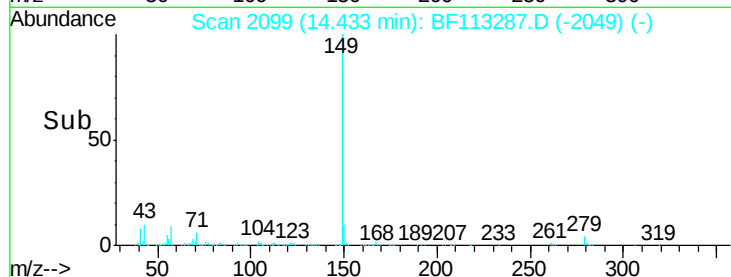
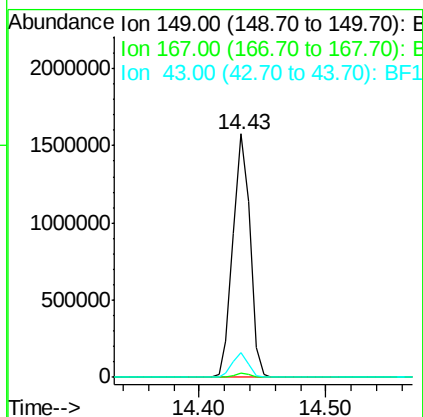
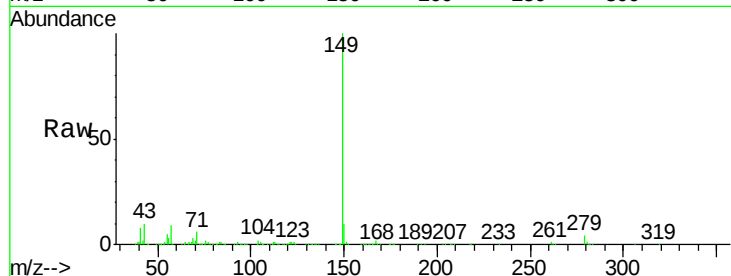




#85
 Di-n-octyl phthalate
 Concen: 42.718 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

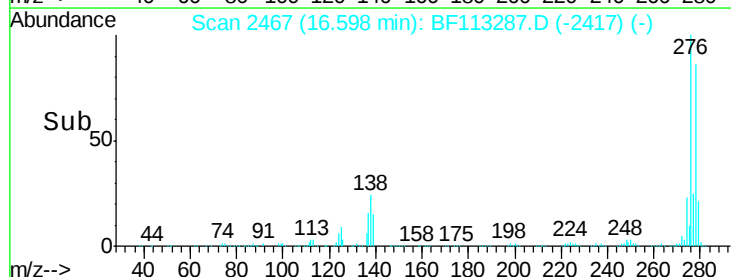
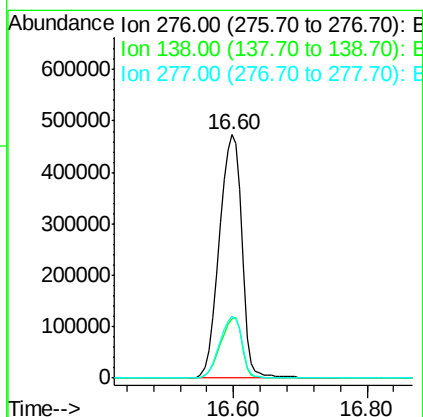
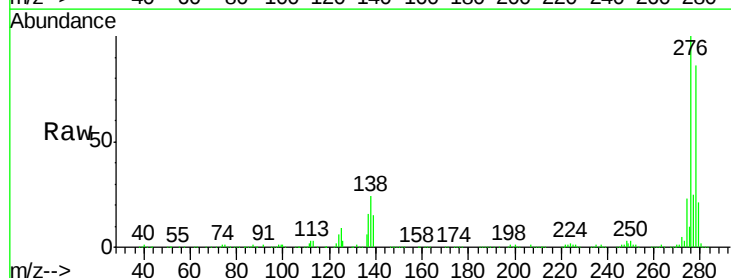
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

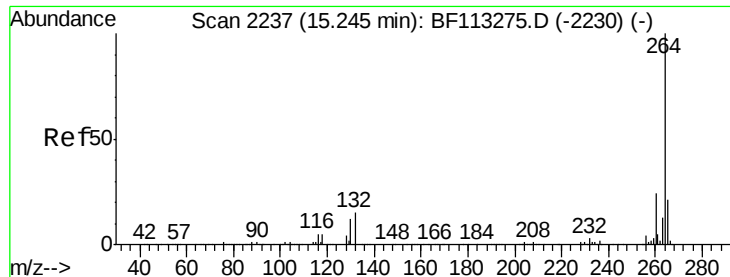
Tgt Ion:149 Resp: 1457849
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.7 7.7 11.5



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.339 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF113287.D
 Acq: 26 Mar 2019 12:46

Tgt Ion:276 Resp: 1134550
 Ion Ratio Lower Upper
 276 100
 138 23.9 18.1 27.1
 277 25.3 20.2 30.4



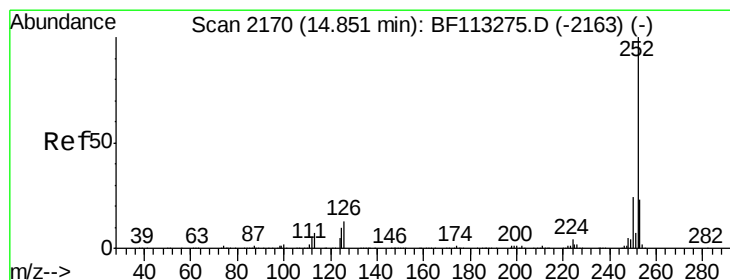
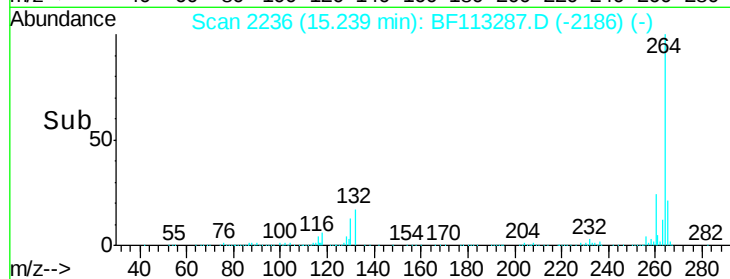
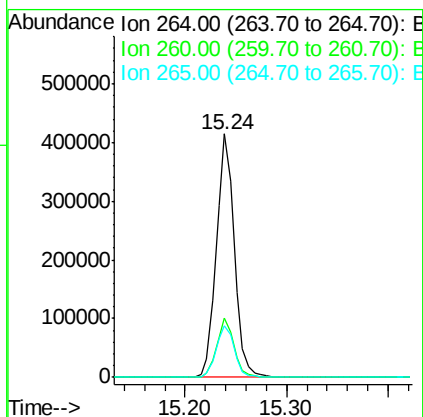
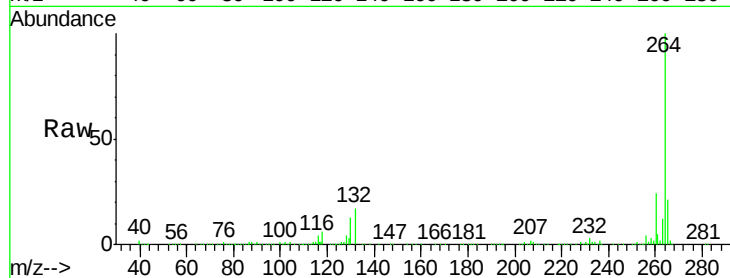


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 508990

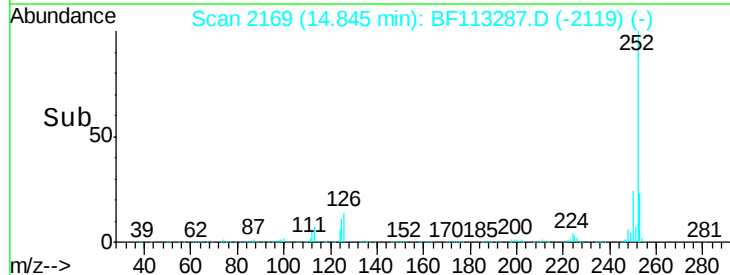
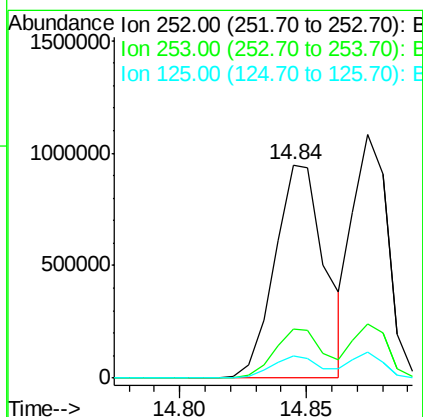
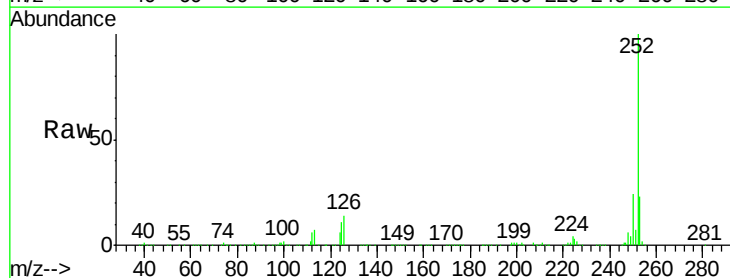
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.4	17.1	25.7

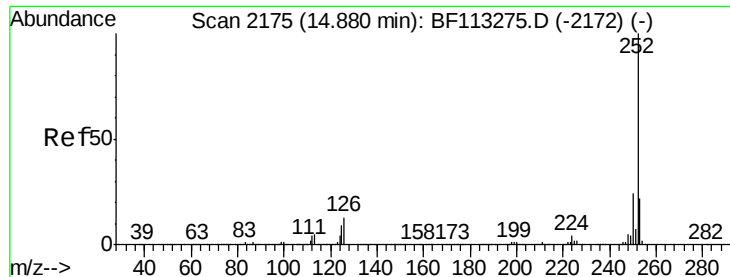


#88
Benzo(b)fluoranthene
Concen: 41.379 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113287.D
Acq: 26 Mar 2019 12:46

Tgt Ion: 252 Resp: 1308338

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.7	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 38.061 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

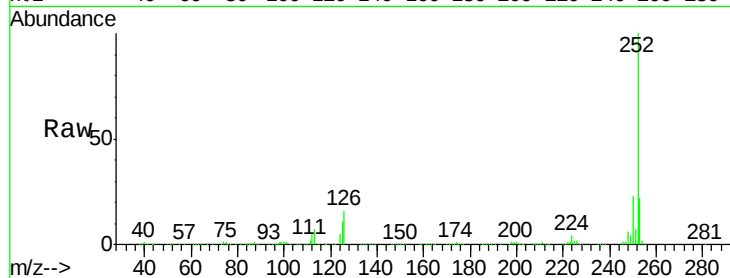
Tgt Ion:252 Resp: 1056818

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

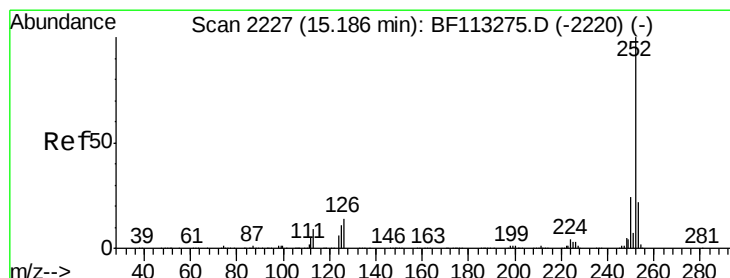
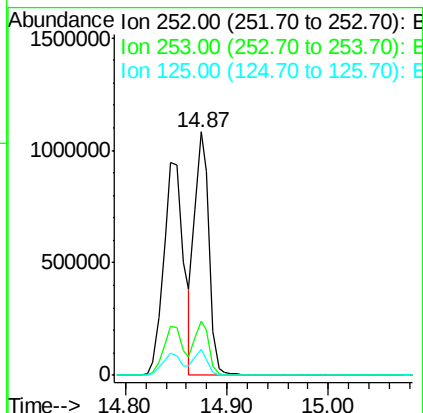
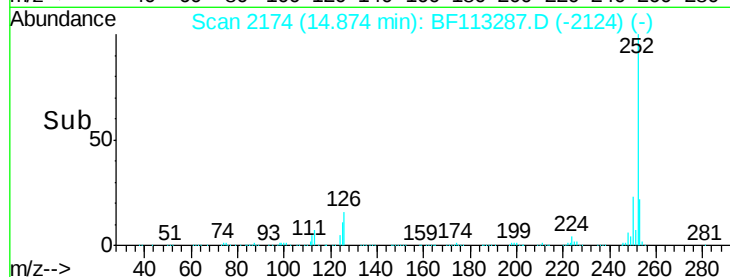
125 10.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.475 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

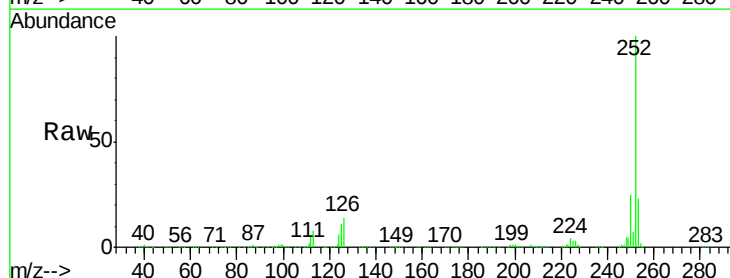
Tgt Ion:252 Resp: 1106511

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

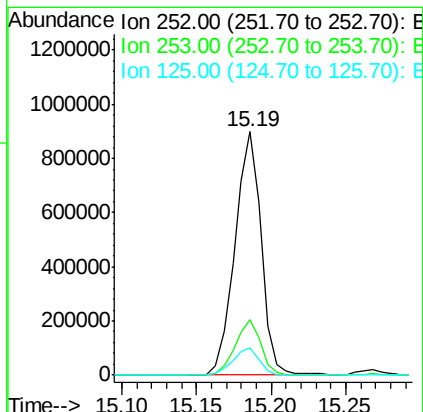
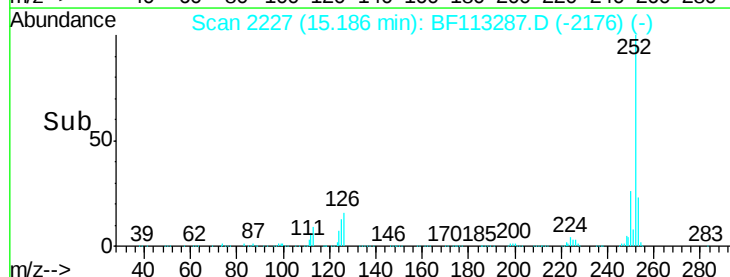
125 11.3 8.8 13.2

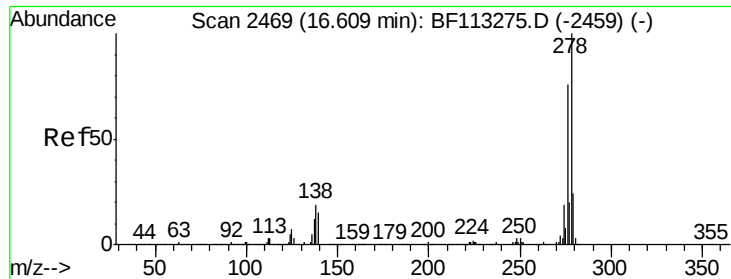


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.656 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

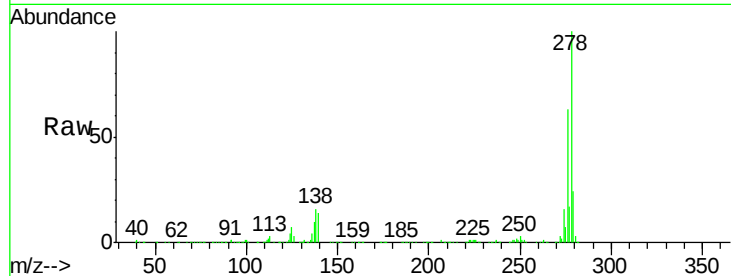
Tgt Ion:278 Resp: 936918

Ion Ratio Lower Upper

278 100

139 14.2 12.0 18.0

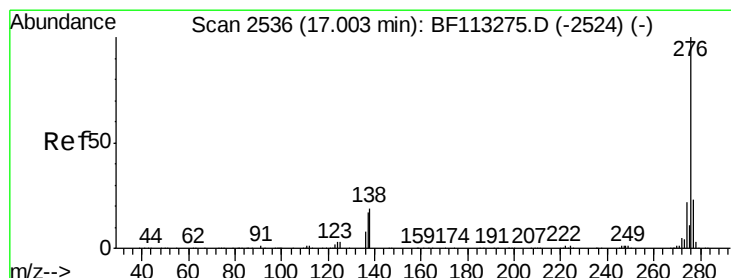
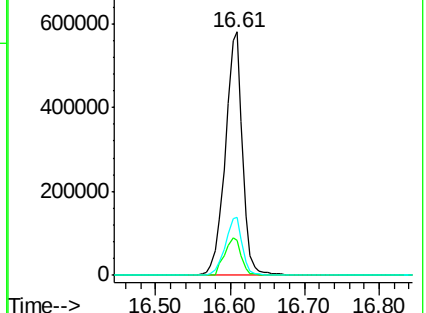
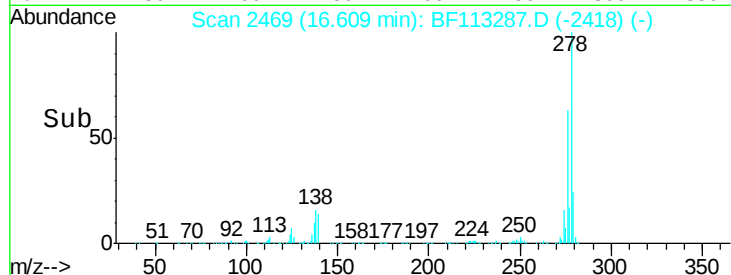
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.276 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BF113287.D

Acq: 26 Mar 2019 12:46

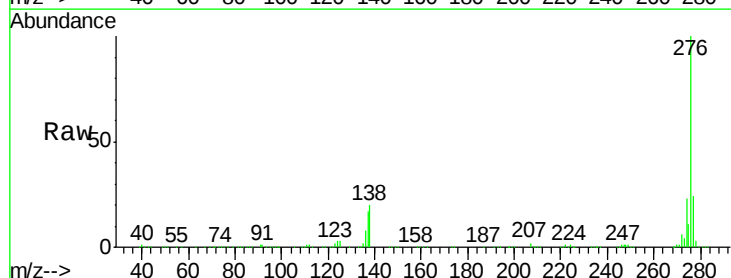
Tgt Ion:276 Resp: 935384

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 20.1 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

