

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121818\
 Data File : BF111582.D
 Acq On : 18 Dec 2018 18:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 18 23:59:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	143655	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	532068	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	251168	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	708392	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	479520	20.00	ng	-0.01
87) Perylene-d12	15.37	264	309285	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	721803	83.61	ng	-0.01
7) Phenol-d6	6.43	99	920034	80.12	ng	-0.01
23) Nitrobenzene-d5	7.35	82	872103	97.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	205469	91.32	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1435214	88.26	ng	-0.02
79) Terphenyl-d14	12.89	244	1723957	84.42	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	149283	35.804	ng	# 93
3) Pyridine	3.22	79	374141	35.729	ng	89
4) n-Nitrosodimethylamine	3.17	42	171768	36.112	ng	83
6) Aniline	6.44	93	553939	38.889	ng	# 30
8) 2-Chlorophenol	6.57	128	434413	42.115	ng	97
9) Benzaldehyde	6.32	77	248001	35.607	ng	96
10) Phenol	6.44	94	503519	39.362	ng	# 65
11) bis(2-Chloroethyl)ether	6.52	93	413846	41.270	ng	98
12) 1,3-Dichlorobenzene	6.72	146	466800	41.112	ng	100
13) 1,4-Dichlorobenzene	6.79	146	473366	41.073	ng	98
14) 1,2-Dichlorobenzene	6.95	146	416619	38.425	ng	97
15) Benzyl Alcohol	6.92	79	343453	39.308	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	787843	40.239	ng	93
17) 2-Methylphenol	7.05	107	316036	38.071	ng	# 91
18) Hexachloroethane	7.29	117	172391	40.193	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	304610	40.207	ng	96
20) 3+4-Methylphenols	7.20	107	411501	39.518	ng	# 77
22) Acetophenone	7.19	105	585465	49.292	ng	# 92
24) Nitrobenzene	7.36	77	430155	47.194	ng	94
25) Isophorone	7.60	82	702563	46.471	ng	99
26) 2-Nitrophenol	7.68	139	223585	47.301	ng	97
27) 2,4-Dimethylphenol	7.72	122	329220	48.043	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	486555	46.619	ng	97
29) 2,4-Dichlorophenol	7.93	162	343782	46.995	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	314755	41.102	ng	98
31) Naphthalene	8.09	128	978661	39.326	ng	96
32) Benzoic acid	7.86	122	198275	33.483	ng	97
33) 4-Chloroaniline	8.13	127	420790	38.025	ng	98
34) Hexachlorobutadiene	8.20	225	184684	43.774	ng	98
35) Caprolactam	8.51	113	92771	34.157	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	305332	37.920	ng	98
37) 2-Methylnaphthalene	8.77	142	637257	37.842	ng	99
38) 1-Methylnaphthalene	8.87	142	636274	39.111	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	289019	41.959	ng	99

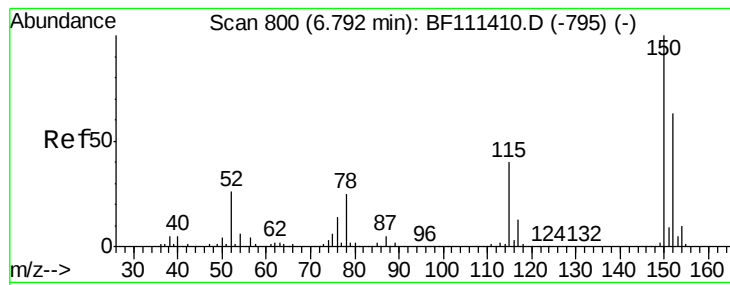
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	51412	14.538	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	180819	37.091	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	195733	37.730	ng	96
46) 1,1'-Biphenyl	9.24	154	877503	41.232	ng	94
47) 2-Chloronaphthalene	9.26	162	669415	41.381	ng	97
48) 2-Nitroaniline	9.36	65	205129	39.054	ng	94
49) Acenaphthylene	9.68	152	992636	41.339	ng	95
50) Dimethylphthalate	9.55	163	737063	40.747	ng	98
51) 2,6-Dinitrotoluene	9.60	165	163664	40.197	ng	98
52) Acenaphthene	9.85	154	611885	40.317	ng	98
53) 3-Nitroaniline	9.77	138	183358	37.076	ng	97
54) 2,4-Dinitrophenol	9.88	184	26851	17.334	ng	# 76
55) Dibenzofuran	10.02	168	911418	41.373	ng	99
56) 4-Nitrophenol	9.95	139	81185	23.721	ng	96
57) 2,4-Dinitrotoluene	10.00	165	212590	39.781	ng	94
58) Fluorene	10.36	166	684088	42.813	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	157841	38.942	ng	98
60) Diethylphthalate	10.24	149	761957	41.585	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	341003	43.620	ng	98
62) 4-Nitroaniline	10.39	138	174087	35.559	ng	93
63) Azobenzene	10.52	77	740879	41.015	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	78030	19.511	ng	95
66) n-Nitrosodiphenylamine	10.47	169	636279	26.046	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	250620	32.825	ng	98
68) Hexachlorobenzene	10.92	284	316062	40.243	ng	96
69) Atrazine	11.00	200	263929	37.384	ng	99
70) Pentachlorophenol	11.11	266	165595	34.376	ng	97
71) Phenanthrene	11.33	178	1421493	38.943	ng	94
72) Anthracene	11.37	178	1517126	40.641	ng	95
73) Carbazole	11.53	167	1521832	39.423	ng	96
74) Di-n-butylphthalate	11.86	149	1715460	39.902	ng	97
75) Fluoranthene	12.51	202	1425704	39.925	ng	99
77) Benzidine	12.63	184	478923	27.169	ng	99
78) Pyrene	12.74	202	1454009	43.008	ng	95
80) Butylbenzylphthalate	13.36	149	690917	41.927	ng	95
81) Benzo(a)anthracene	13.93	228	967126	37.092	ng	99
82) 3,3'-Dichlorobenzidine	13.89	252	393818	37.155	ng	98
83) Chrysene	13.96	228	1130938	41.175	ng	96
84) Bis(2-ethylhexyl)phthalate	13.92	149	893677	42.459	ng	99
85) Di-n-octyl phthalate	14.53	149	1408450	39.672	ng	96
86) Indeno(1,2,3-cd)pyrene	16.78	276	689930	34.804	ng	97
88) Benzo(b)fluoranthene	14.96	252	634030	35.162	ng	98
89) Benzo(k)fluoranthene	14.99	252	825759	47.927	ng	99
90) Benzo(a)pyrene	15.31	252	625875	38.491	ng	98
91) Dibenzo(a,h)anthracene	16.80	278	571982	44.593	ng	95
92) Benzo(g,h,i)perylene	17.21	276	595664	47.311	ng	95

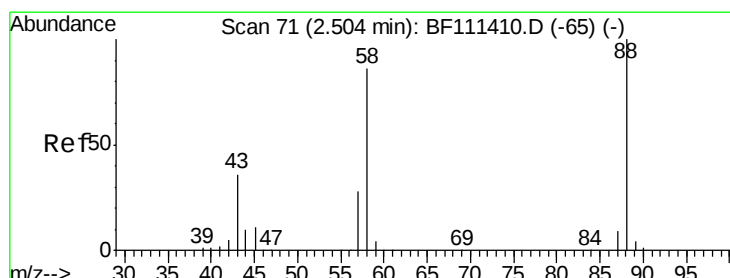
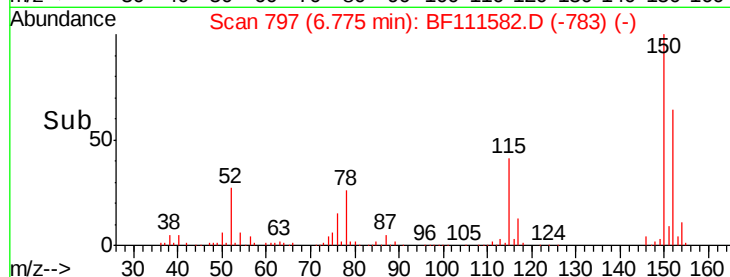
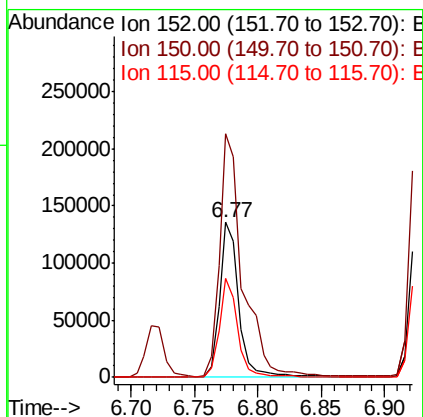
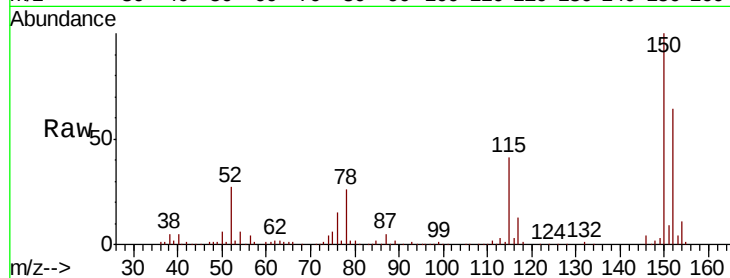
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

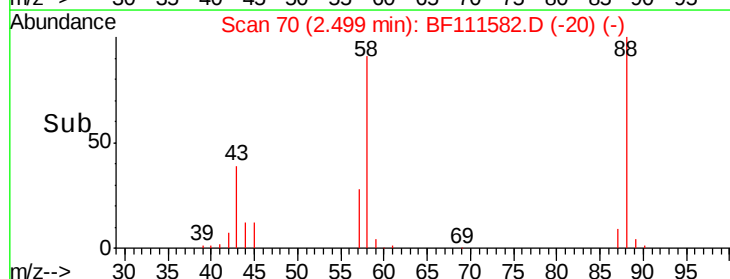
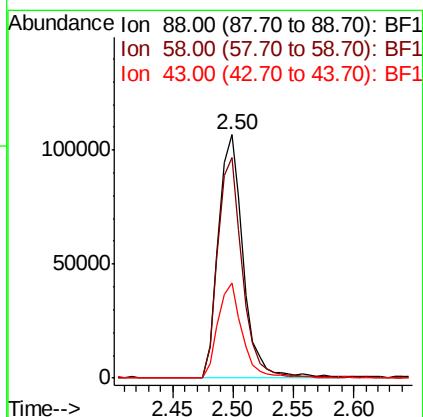
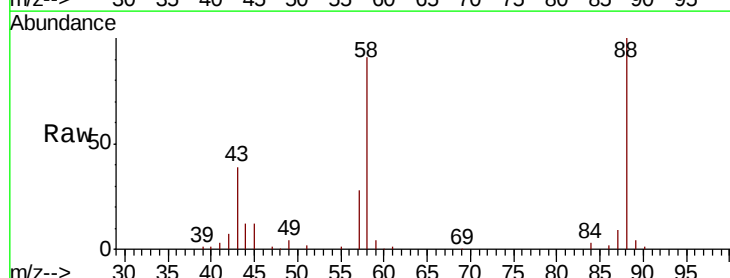
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

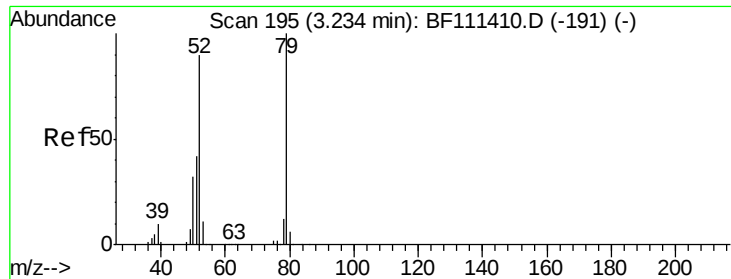
Tgt Ion:152 Resp: 143655
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.6 189.8
 115 63.8 50.7 76.1



#2
 1,4-Dioxane
 Concen: 35.804 ng
 RT: 2.50 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion: 88 Resp: 149283
 Ion Ratio Lower Upper
 88 100
 58 90.3 68.9 103.3
 43 38.9 25.8 38.6#





#3

Pyridine

Concen: 35.729 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

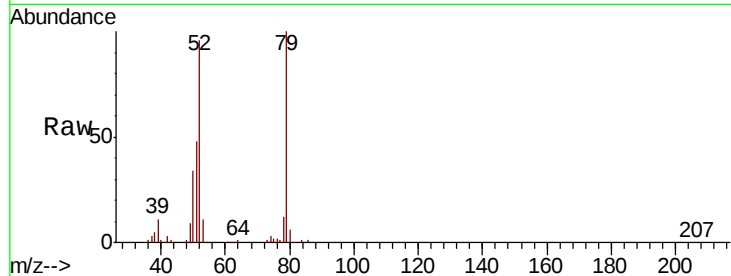
Tgt Ion: 79 Resp: 374141

Ion Ratio Lower Upper

79 100

52 95.6 68.3 102.5

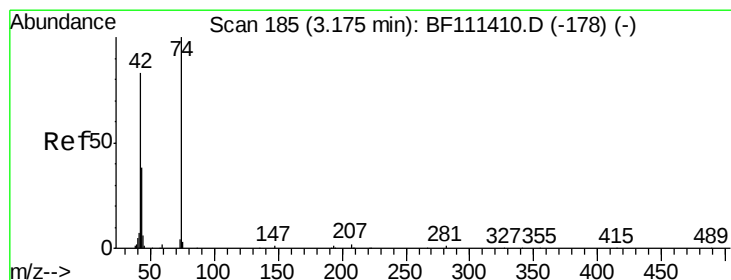
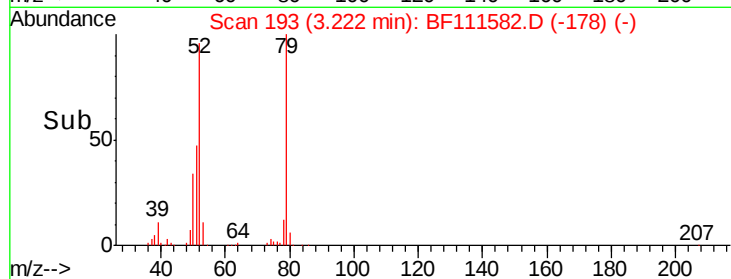
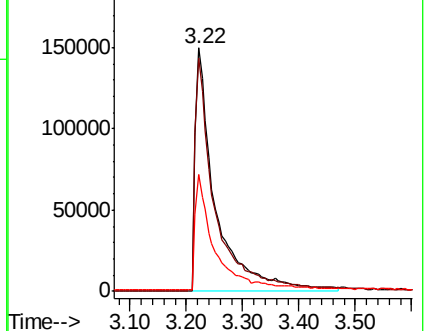
51 47.8 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.112 ng

RT: 3.17 min Scan# 184

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

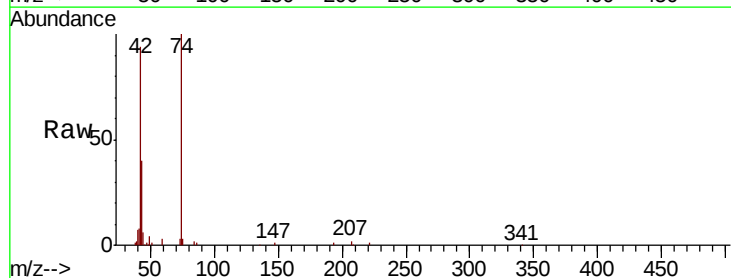
Tgt Ion: 42 Resp: 171768

Ion Ratio Lower Upper

42 100

74 106.0 101.5 152.3

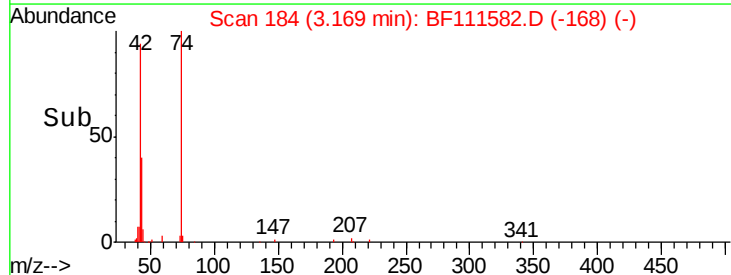
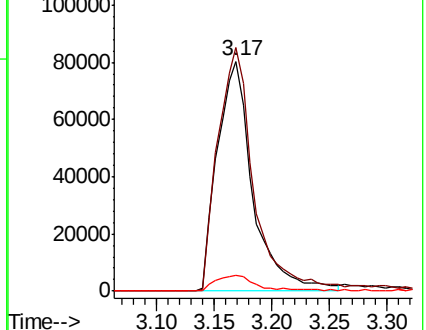
44 6.6 6.0 9.0

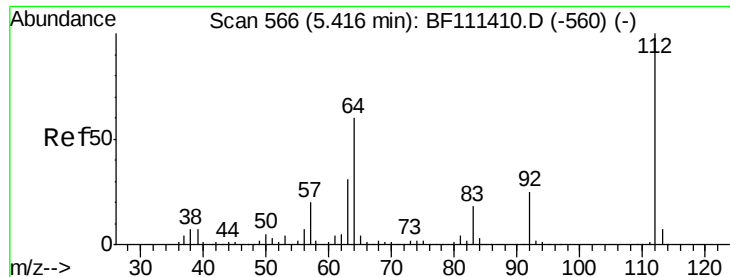


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.612 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

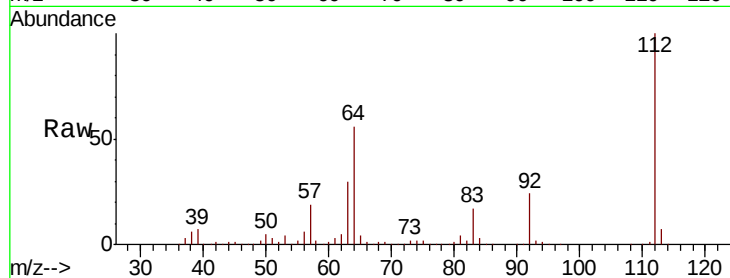
Tgt Ion: 112 Resp: 721803

Ion Ratio Lower Upper

112 100

64 56.0 51.8 77.6

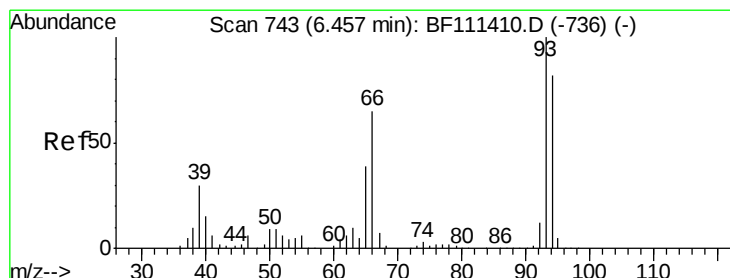
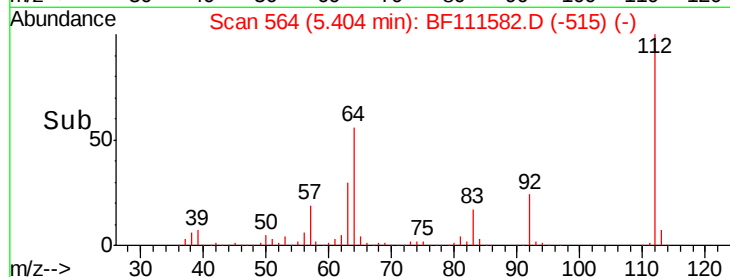
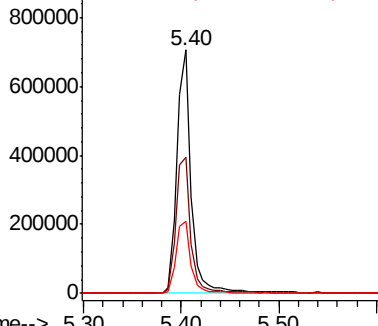
63 29.7 26.8 40.2



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: 38.889 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

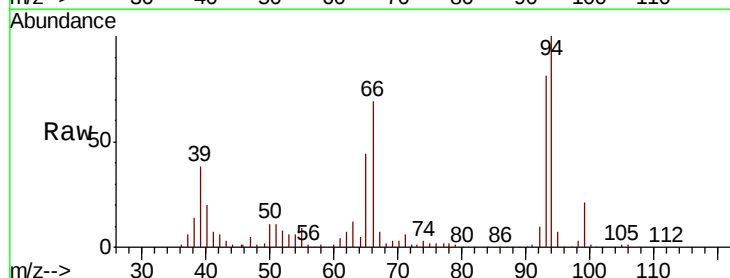
Tgt Ion: 93 Resp: 553939

Ion Ratio Lower Upper

93 100

66 85.7 33.2 49.8#

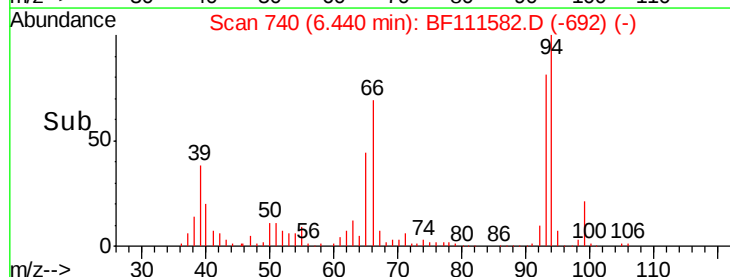
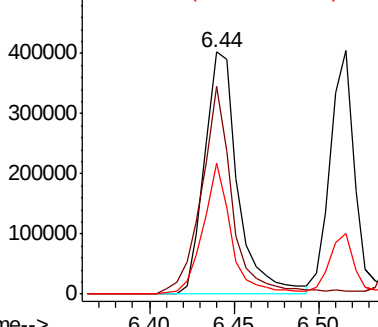
65 54.2 17.0 25.4#

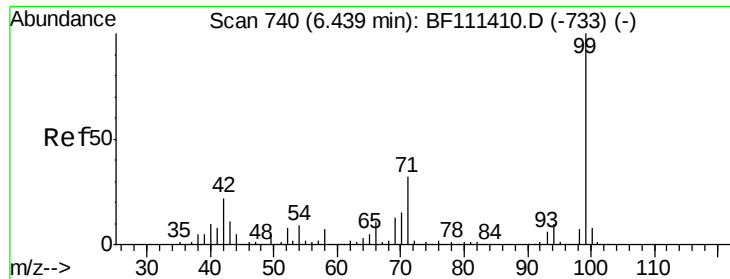


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.120 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

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ClientSampleId :

SSTDCCC040

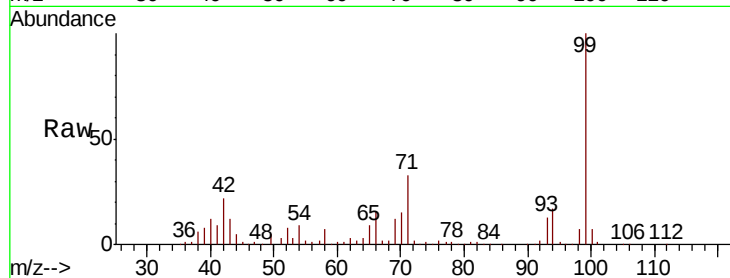
Tgt Ion: 99 Resp: 920034

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

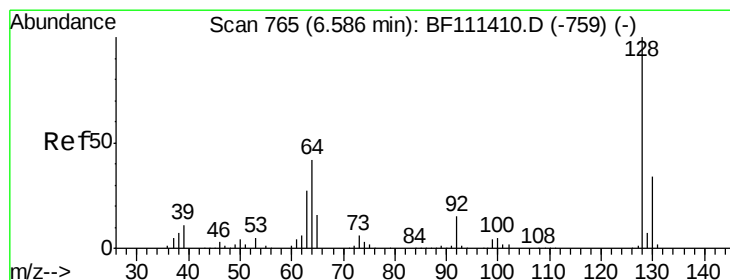
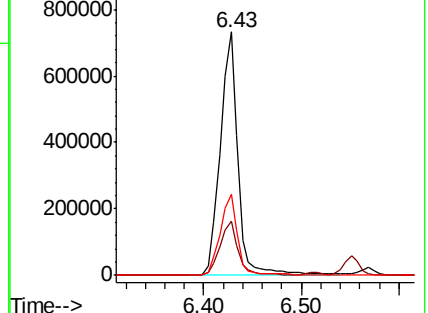
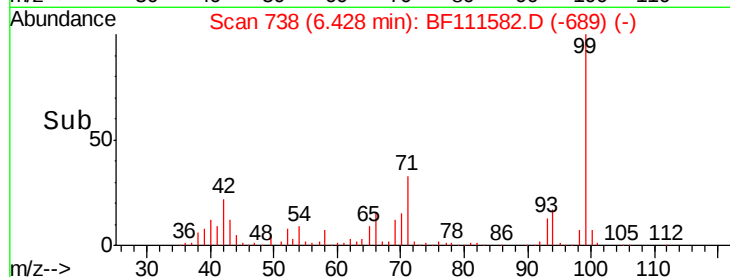
71 33.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.115 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

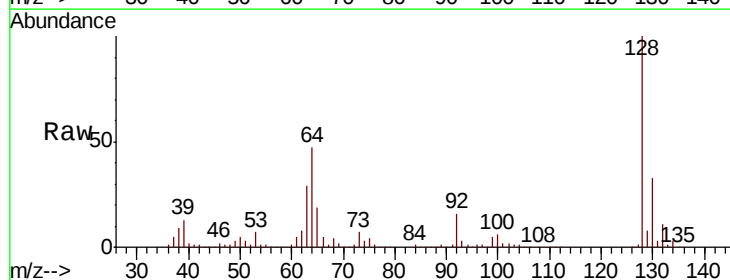
Tgt Ion: 128 Resp: 434413

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

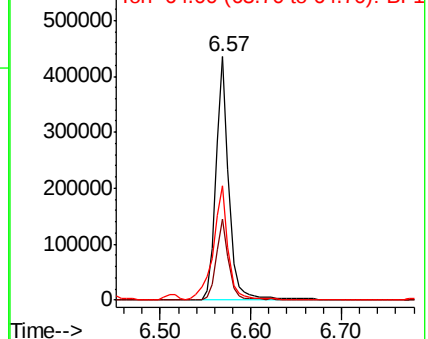
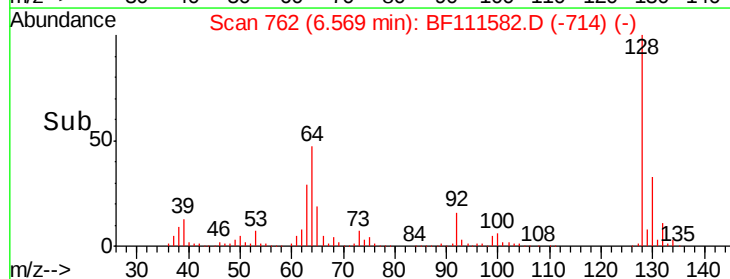
64 46.8 30.0 70.0

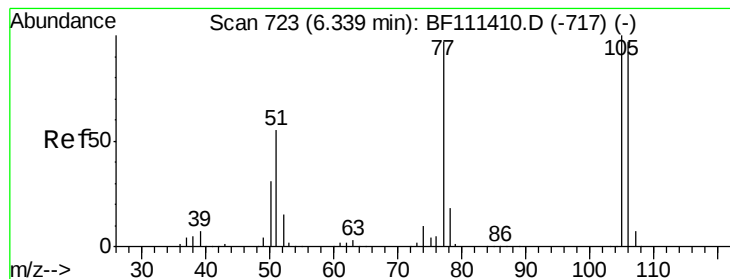


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.607 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

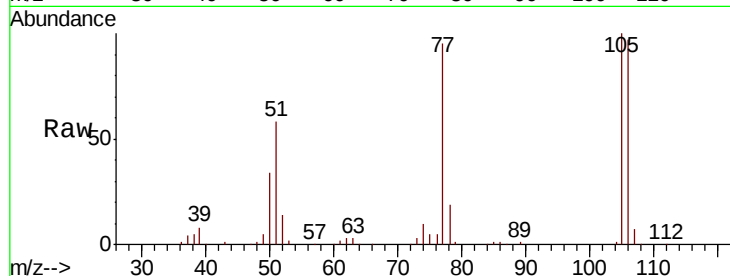
Tgt Ion: 77 Resp: 248001

Ion Ratio Lower Upper

77 100

105 105.0 81.4 121.4

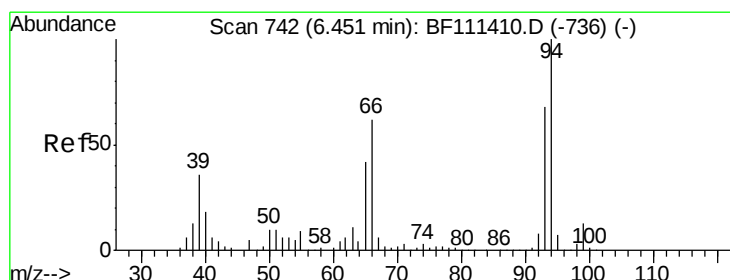
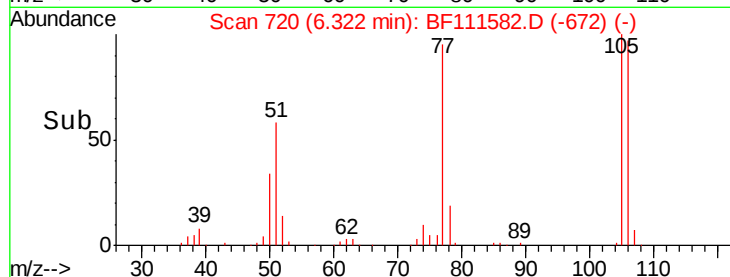
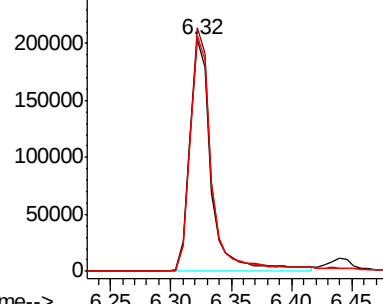
106 101.5 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.362 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

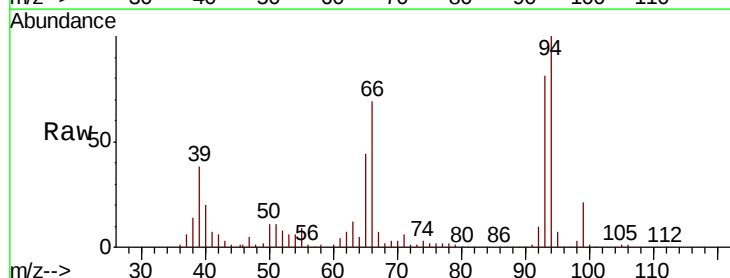
Tgt Ion: 94 Resp: 503519

Ion Ratio Lower Upper

94 100

65 43.9 11.7 51.7

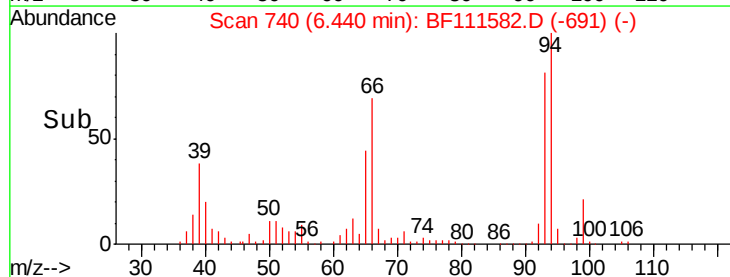
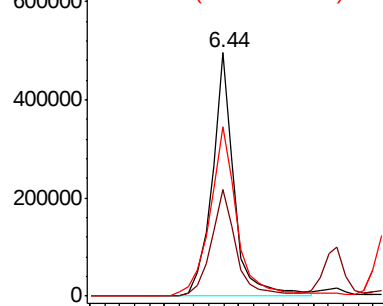
66 69.4 21.0 61.0#

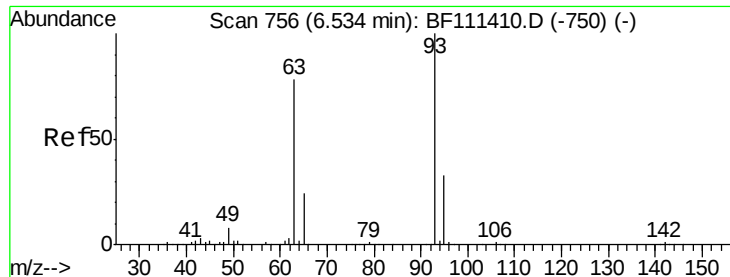


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

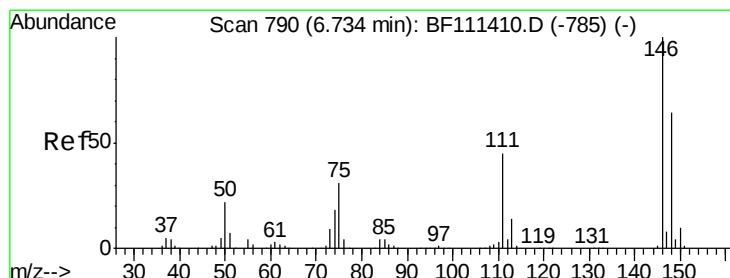
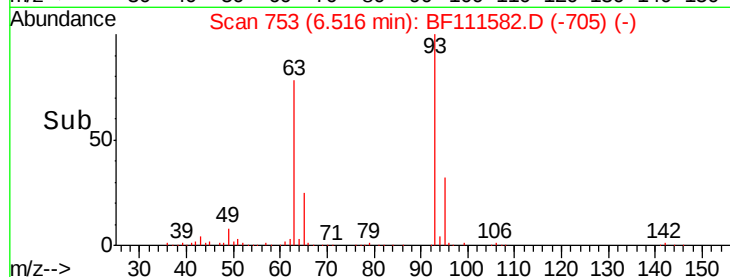
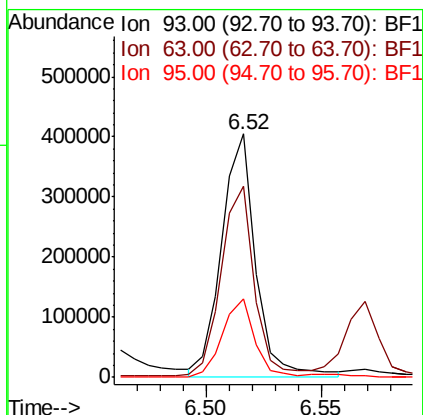
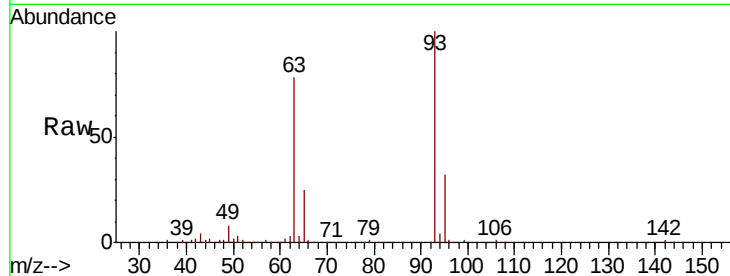




#11
bis(2-Chloroethyl)ether
Concen: 41.270 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

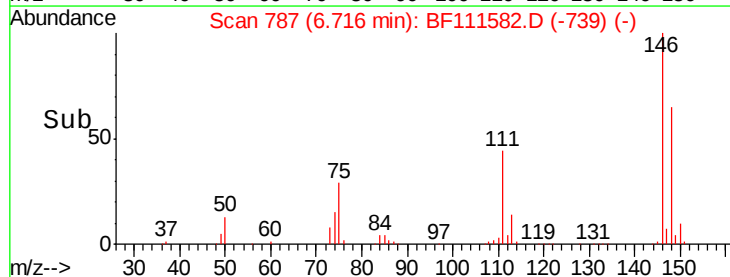
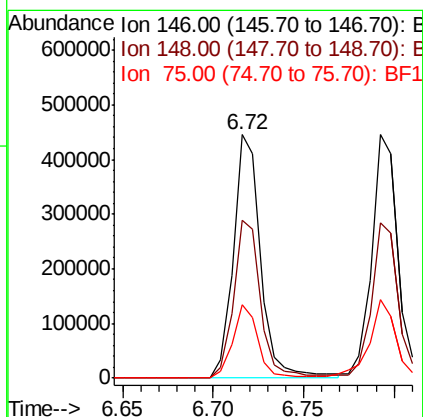
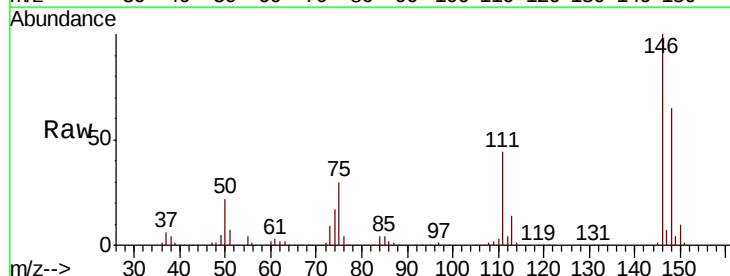
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

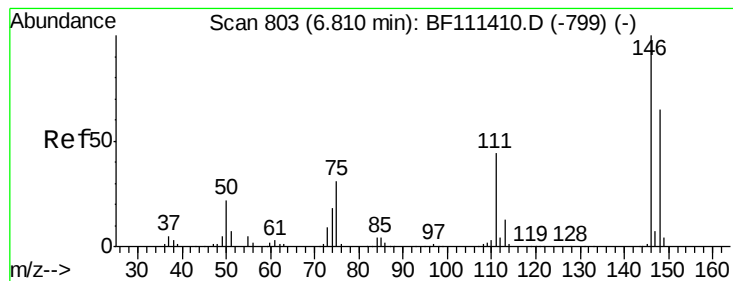
Tgt Ion: 93 Resp: 413846
Ion Ratio Lower Upper
93 100
63 78.4 60.0 100.0
95 32.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.112 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion: 146 Resp: 466800
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 30.0 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 41.073 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

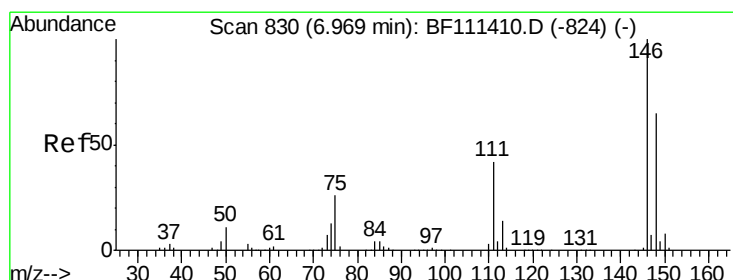
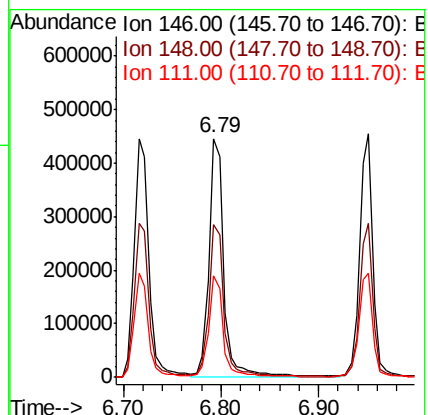
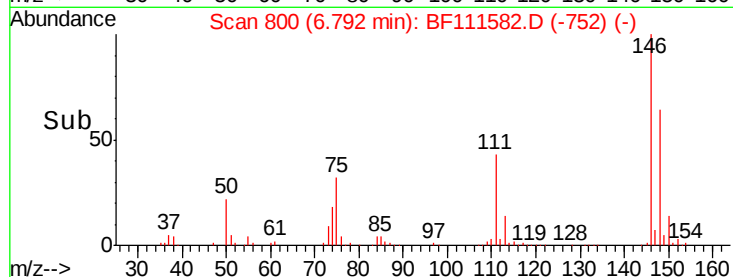
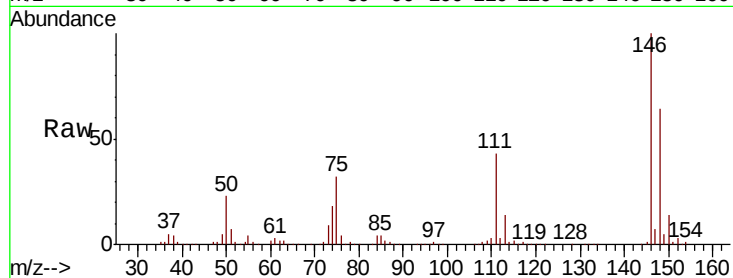
Tgt Ion:146 Resp: 473366

Ion Ratio Lower Upper

146 100

148 64.0 52.8 79.2

111 42.6 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 38.425 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

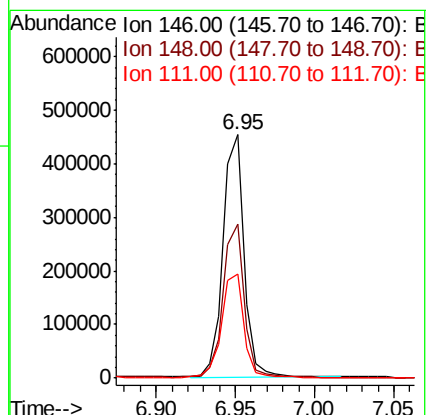
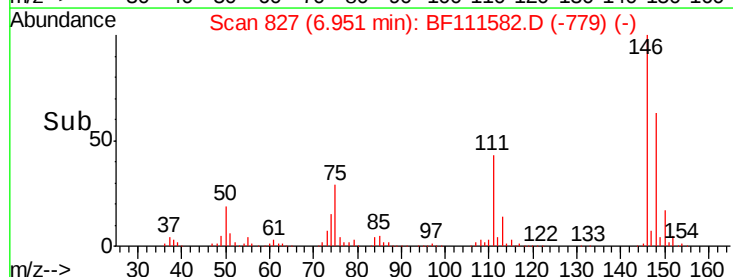
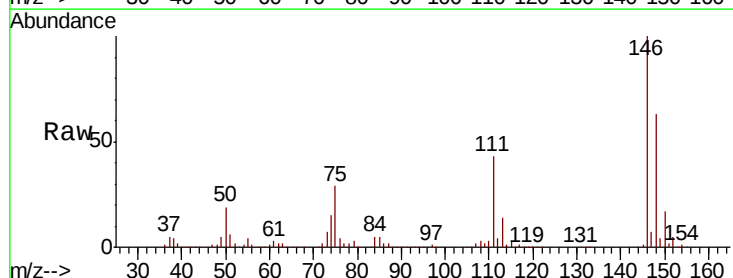
Tgt Ion:146 Resp: 416619

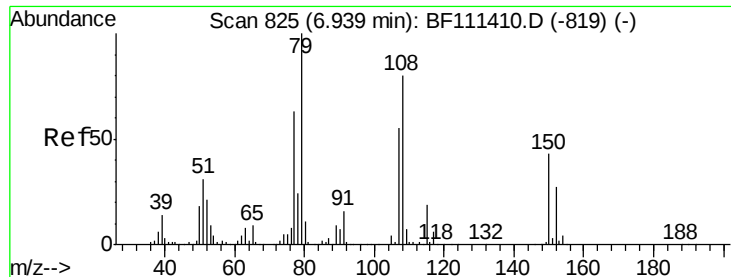
Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

111 42.8 36.2 54.4

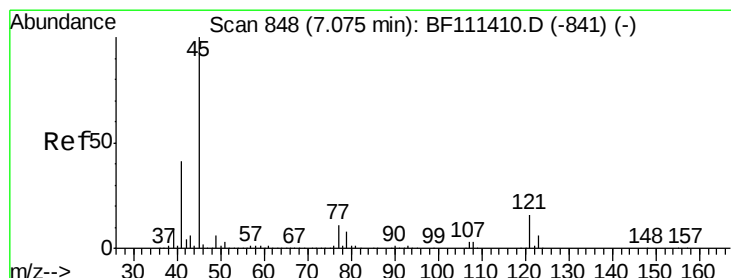
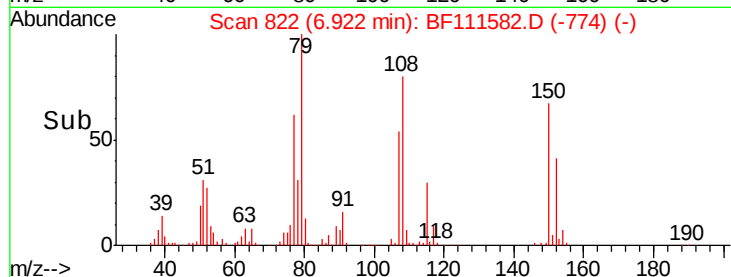
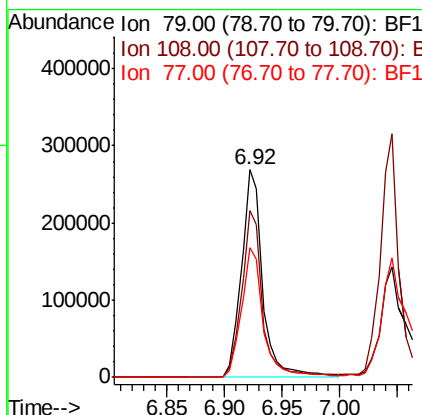
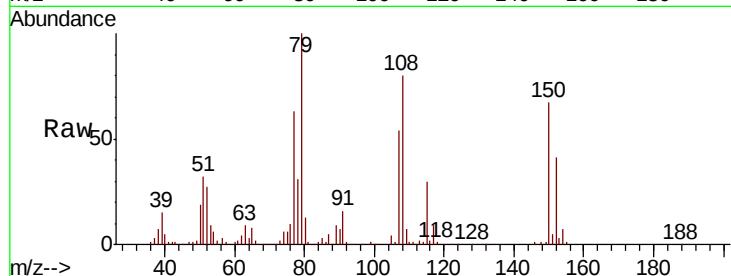




#15
Benzyl Alcohol
Concen: 39.308 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

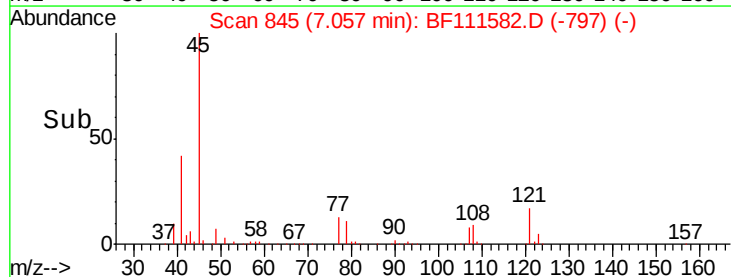
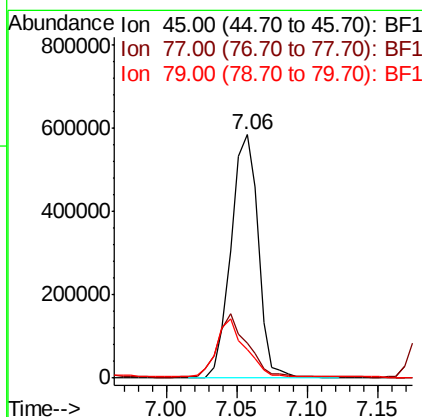
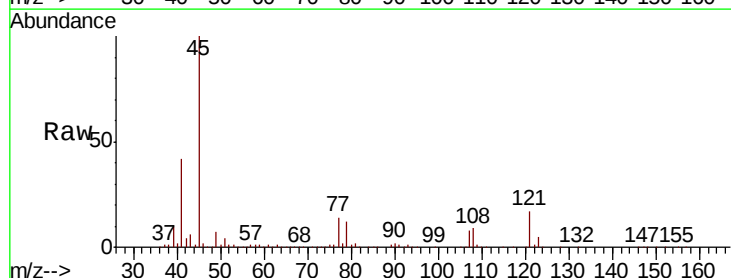
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

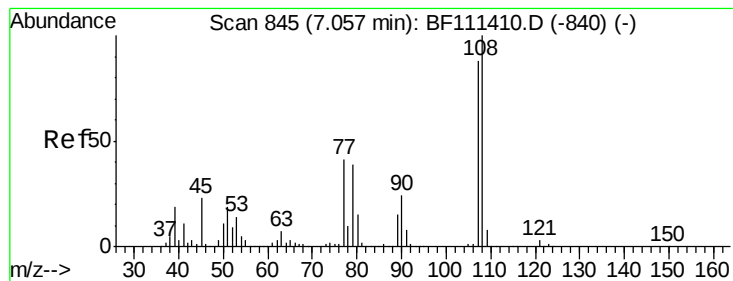
Tgt Ion: 79 Resp: 343453
Ion Ratio Lower Upper
79 100
108 80.3 69.4 104.2
77 62.5 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.239 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion: 45 Resp: 787843
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.5
79 11.6 0.0 28.9





#17

2-Methylphenol

Concen: 38.071 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 316036

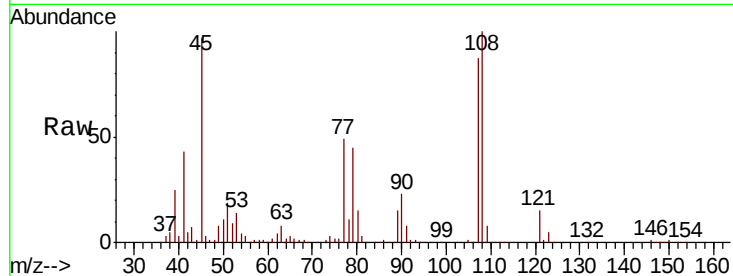
Ion Ratio Lower Upper

107 100

108 114.9 91.0 136.4

77 56.3 33.5 50.3#

79 52.2 33.3 49.9#



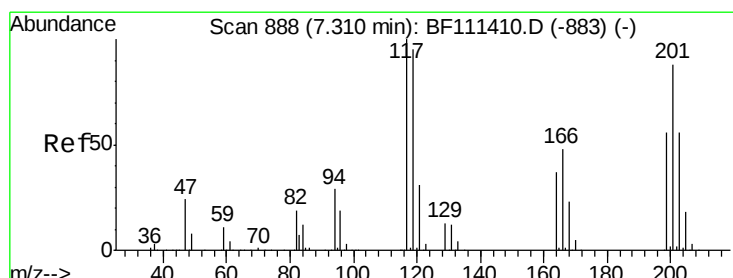
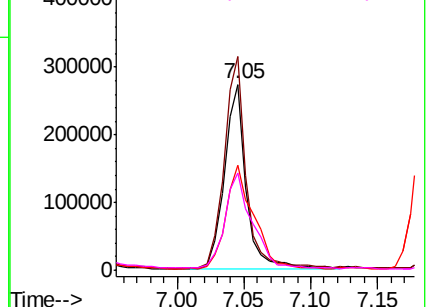
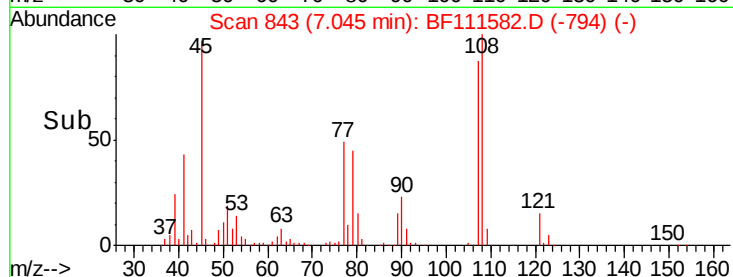
Abundance

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: 40.193 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

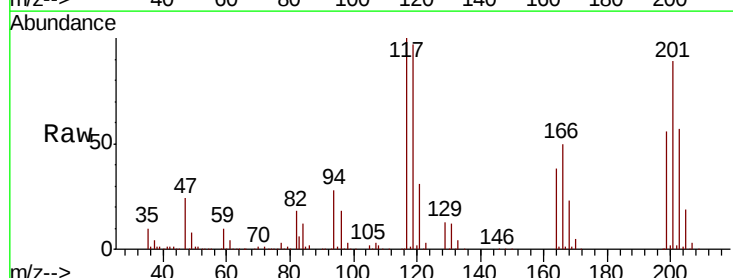
Tgt Ion:117 Resp: 172391

Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.0

201 89.4 62.4 93.6

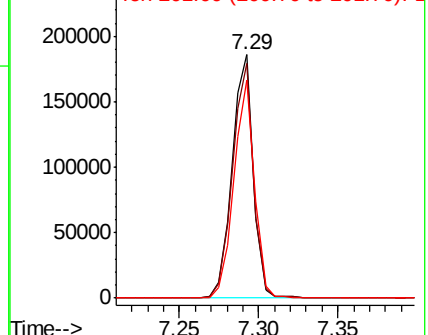
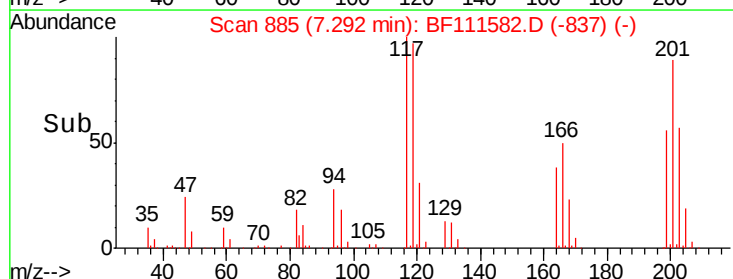


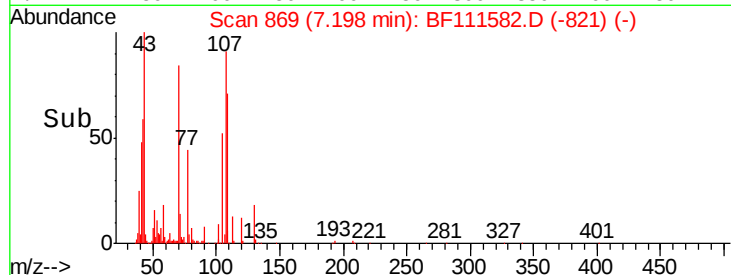
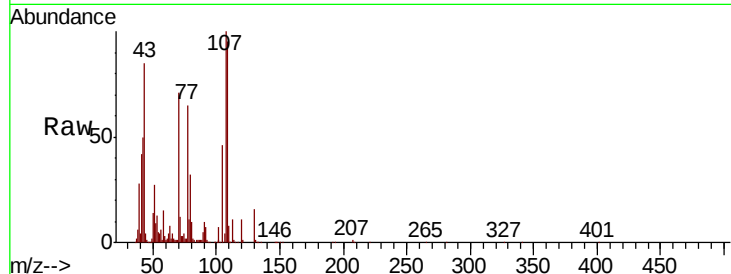
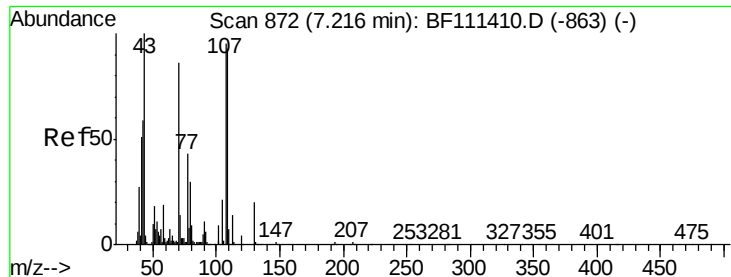
Abundance

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

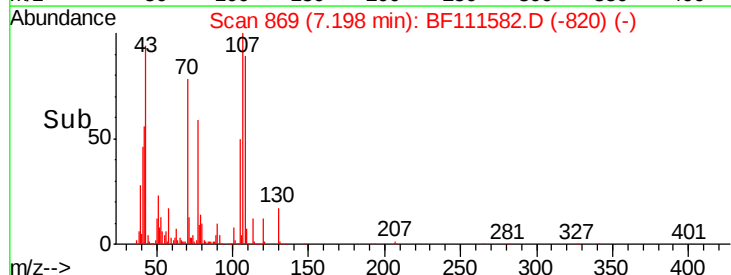
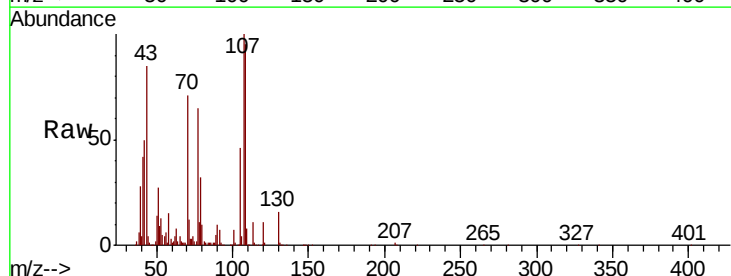
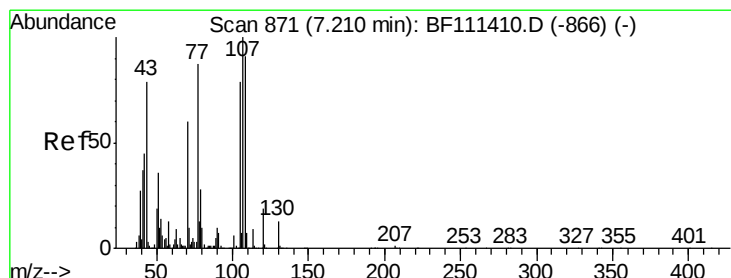
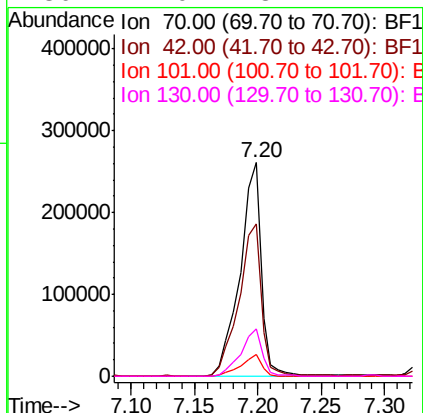




#19
n-Nitroso-di-n-propylamine
Concen: 40.207 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

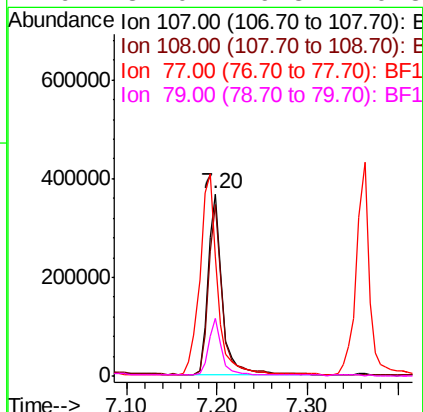
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

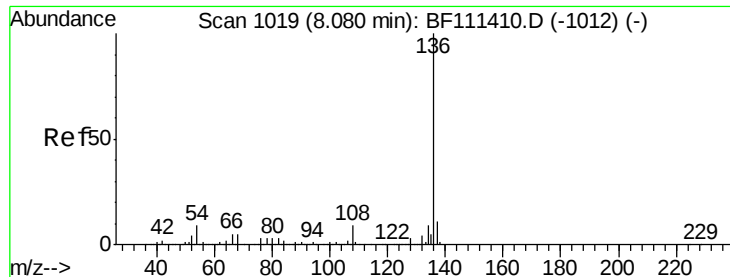
Tgt Ion:	70	Resp:	304610
Ion	Ratio	Lower	Upper
70	100		
42	71.2	53.2	79.8
101	10.2	8.2	12.4
130	22.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 39.518 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:	107	Resp:	411501
Ion	Ratio	Lower	Upper
107	100		
108	94.6	72.1	112.1
77	65.3	94.1	134.1#
79	32.0	9.8	49.8

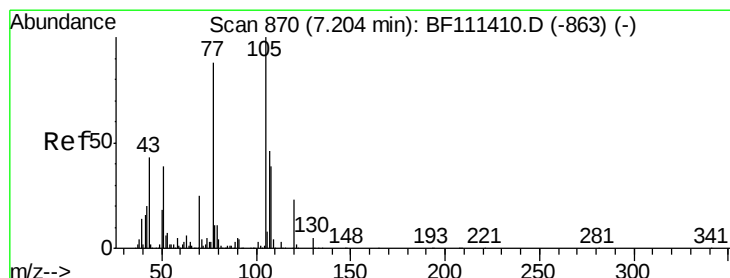
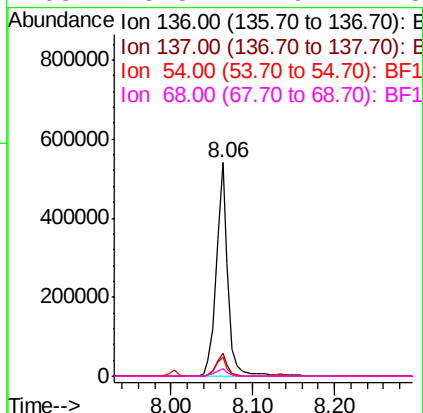
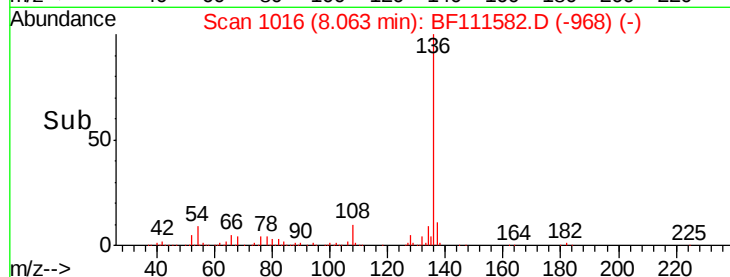
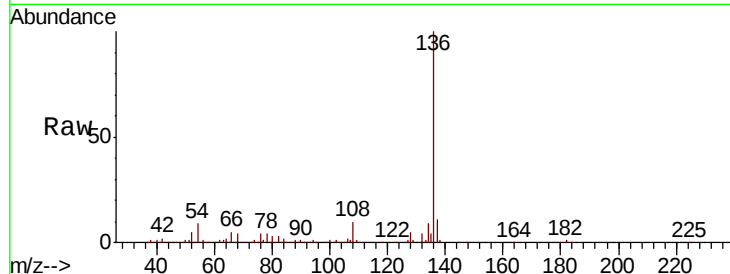




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

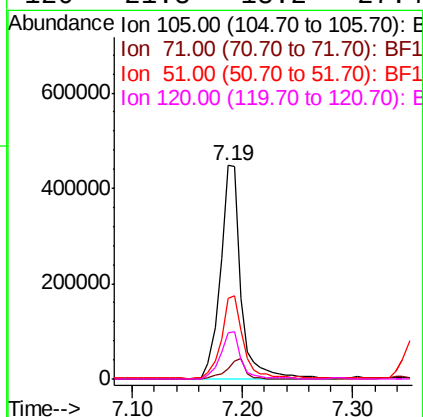
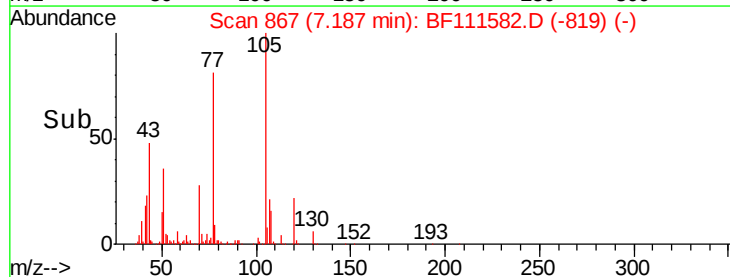
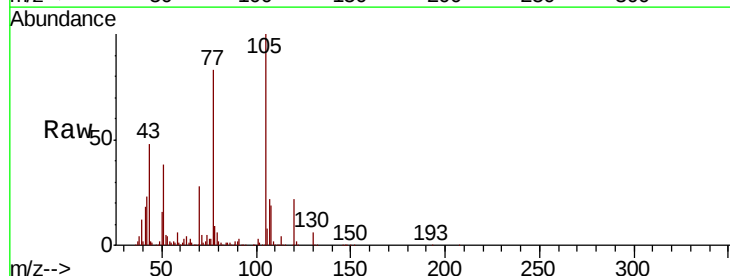
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

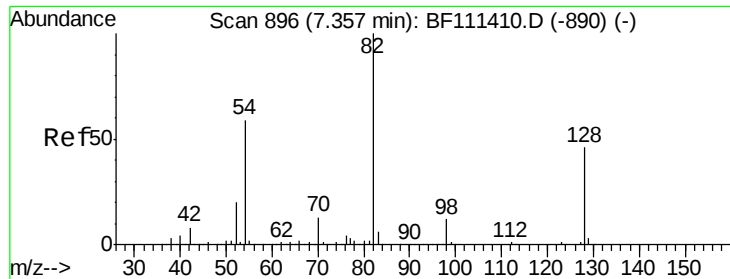
Tgt Ion:	136	Resp:	532068
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.9	7.7	11.5
68	3.8	4.9	7.3#



#22
Acetophenone
Concen: 49.292 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:	105	Resp:	585465
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.1	4.7#
51	37.7	36.6	54.8
120	21.8	18.2	27.4

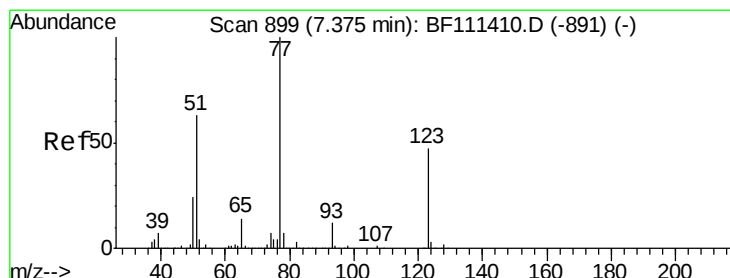
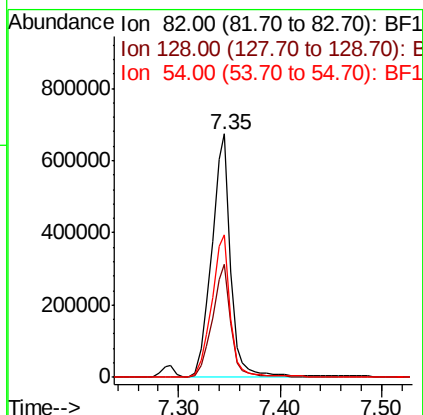
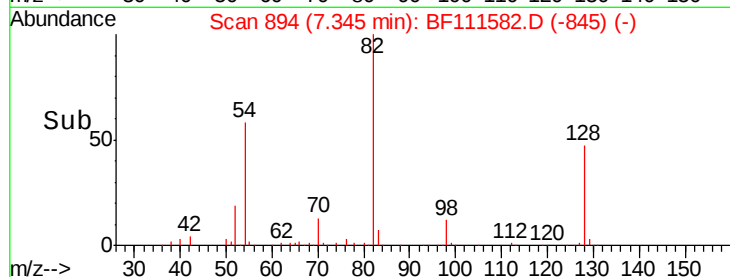
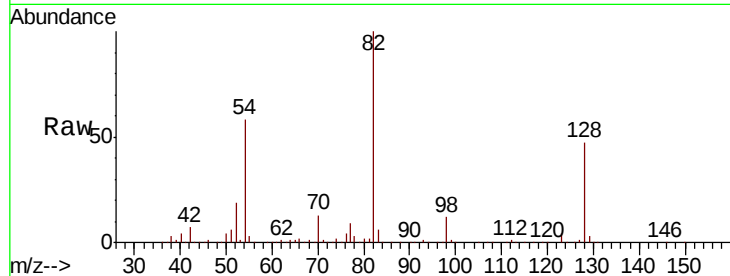




#23
 Nitrobenzene-d5
 Concen: 97.605 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

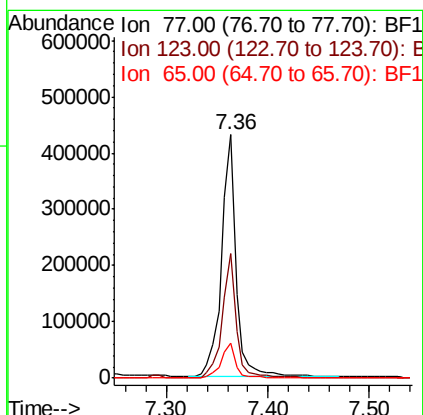
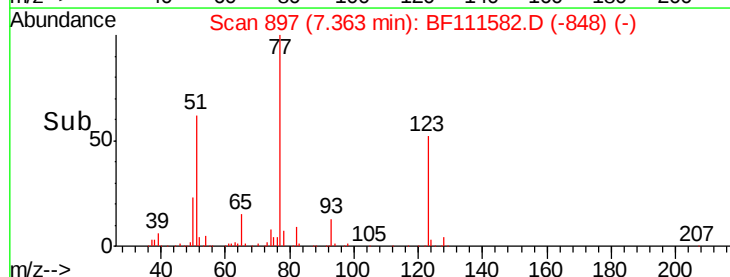
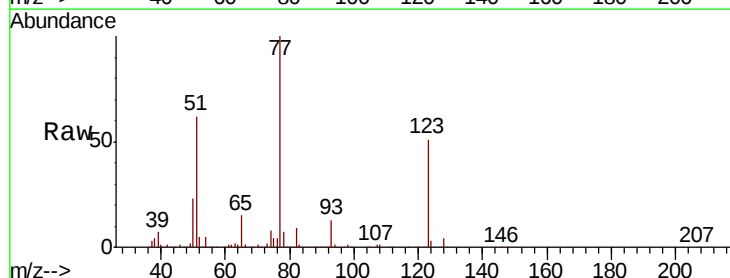
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

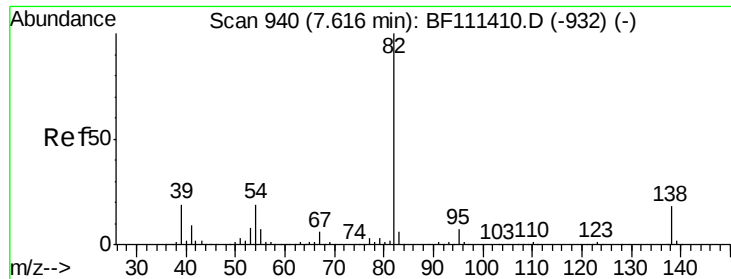
Tgt Ion: 82 Resp: 872103
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.4 56.2
 54 58.3 47.6 71.4



#24
 Nitrobenzene
 Concen: 47.194 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion: 77 Resp: 430155
 Ion Ratio Lower Upper
 77 100
 123 51.3 37.2 55.8
 65 14.5 11.5 17.3





#25

Isophorone

Concen: 46.471 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

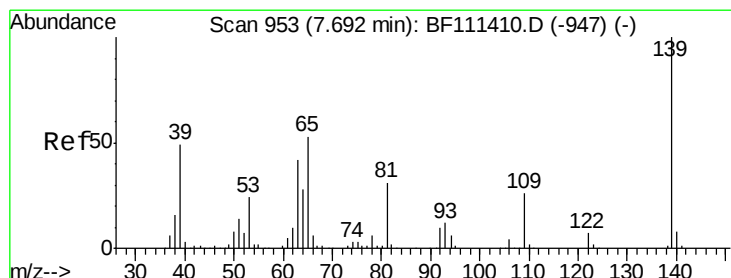
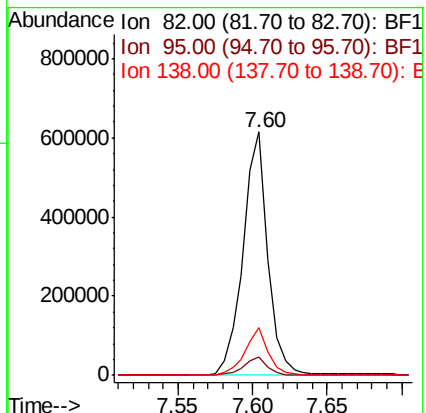
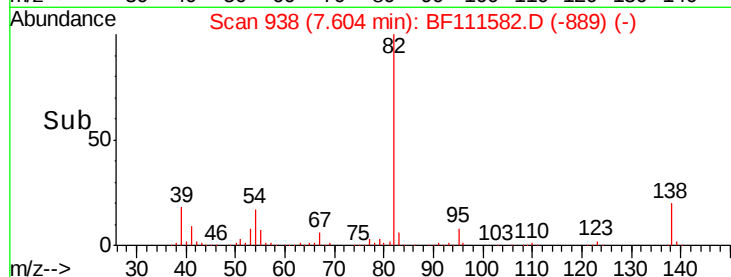
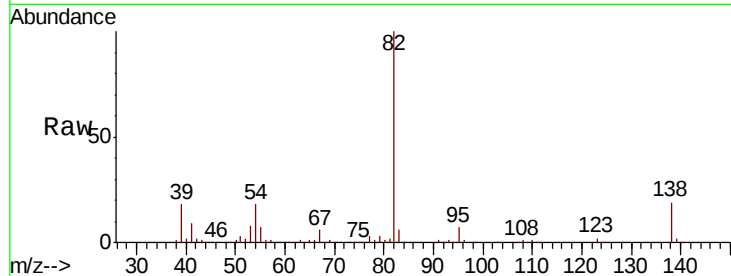
Tgt Ion: 82 Resp: 702563

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 19.4 15.1 22.7



#26

2-Nitrophenol

Concen: 47.301 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

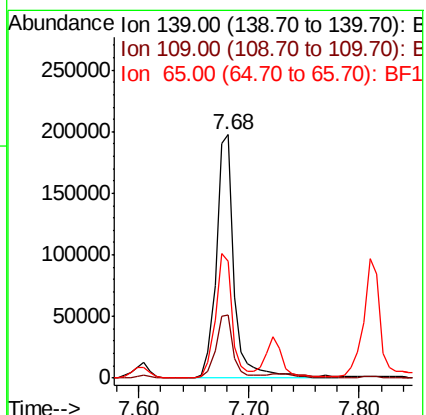
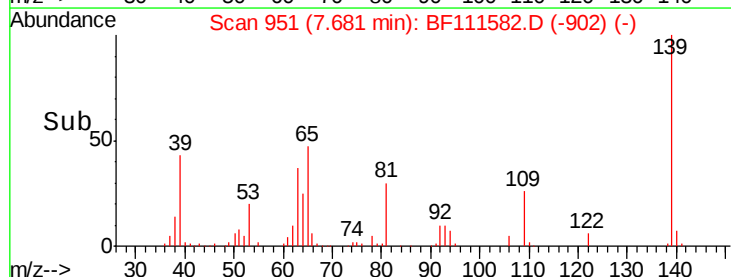
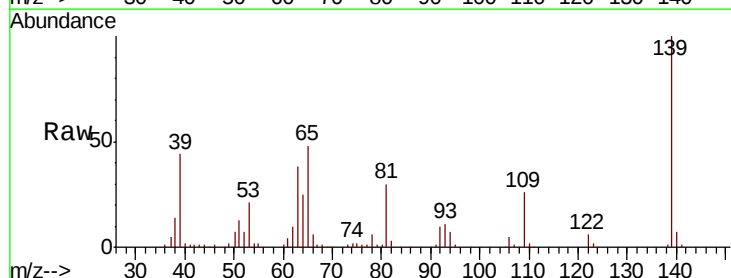
Tgt Ion: 139 Resp: 223585

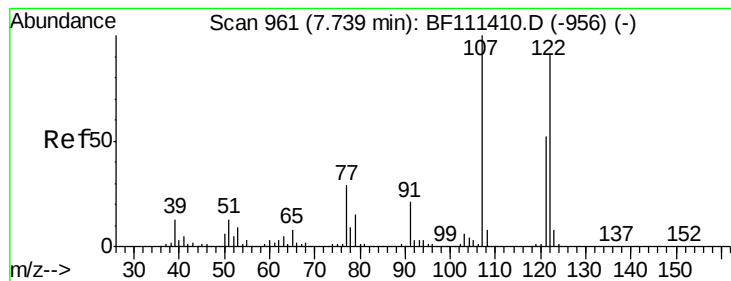
Ion Ratio Lower Upper

139 100

109 26.0 20.2 30.4

65 47.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 48.043 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

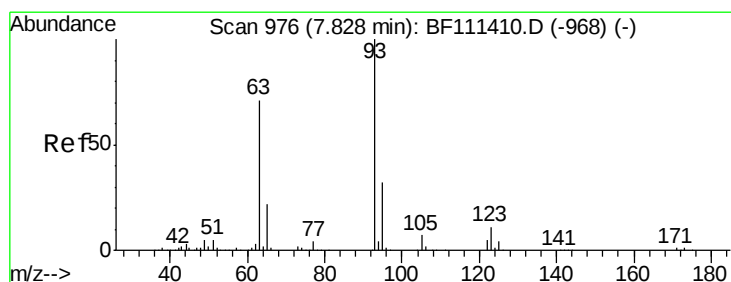
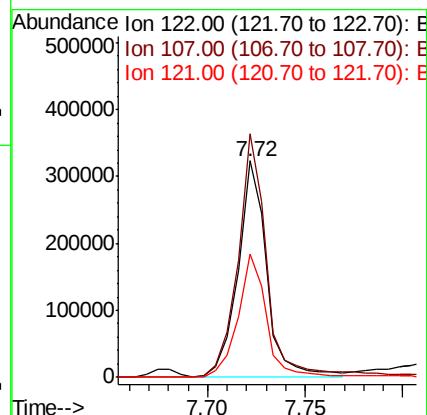
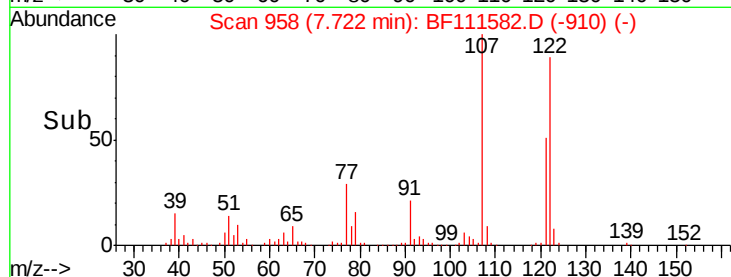
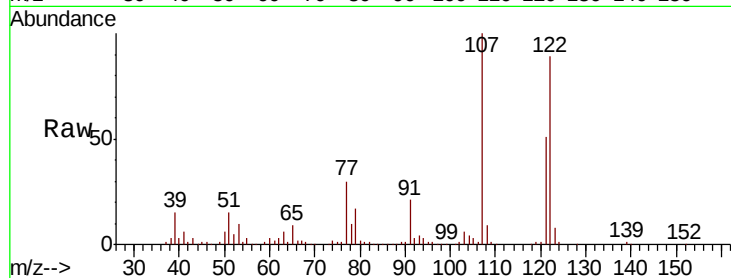
Tgt Ion:122 Resp: 329220

Ion Ratio Lower Upper

122 100

107 112.4 85.5 128.3

121 56.8 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.619 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

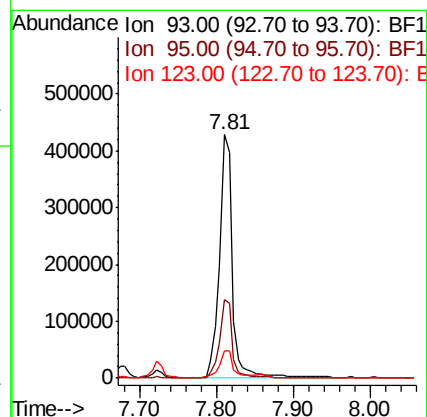
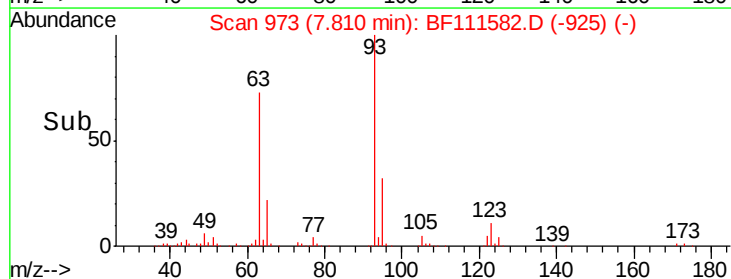
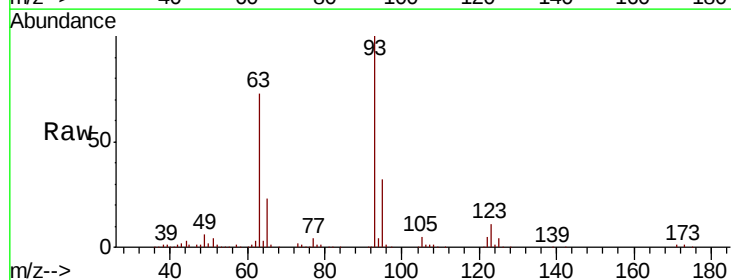
Tgt Ion: 93 Resp: 486555

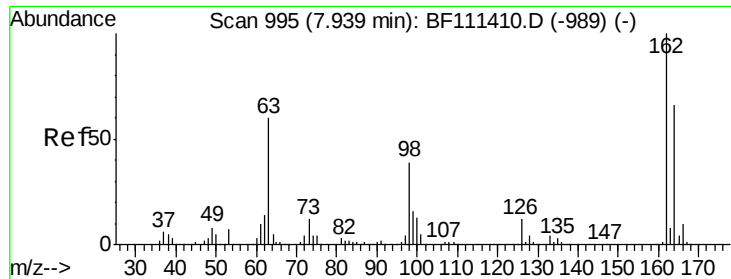
Ion Ratio Lower Upper

93 100

95 32.0 27.1 40.7

123 11.4 9.9 14.9

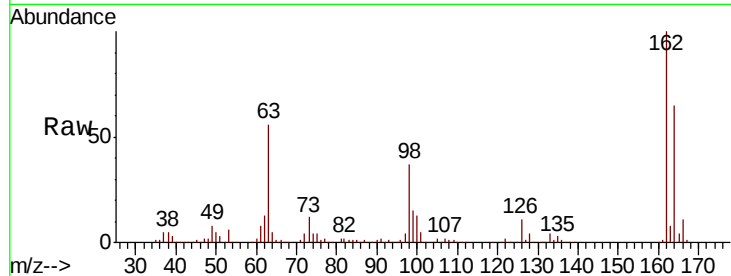




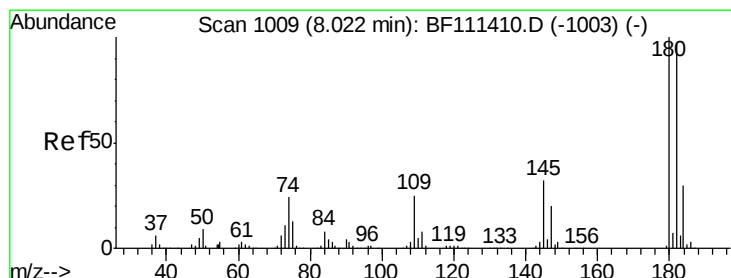
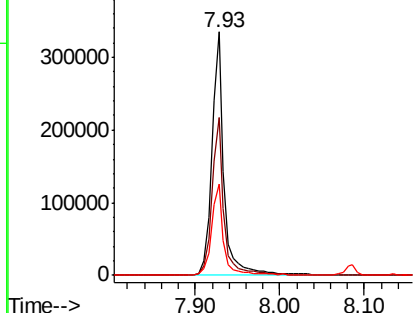
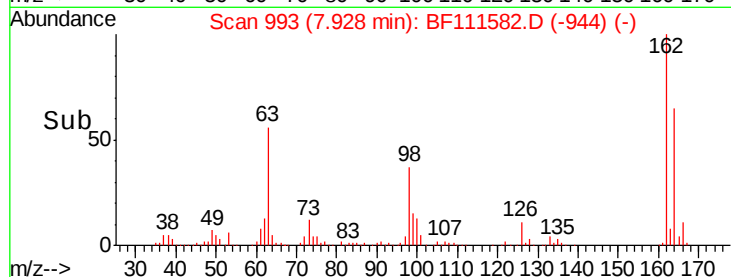
#29
 2,4-Dichlorophenol
 Concen: 46.995 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.4	84.4
98	37.3	20.3	60.3

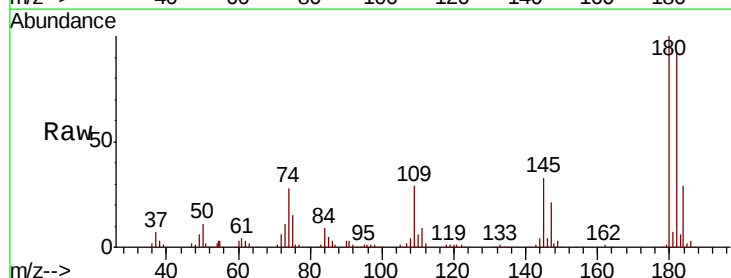


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

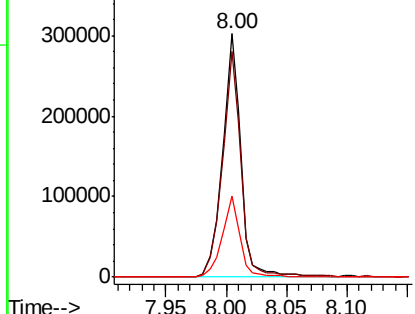
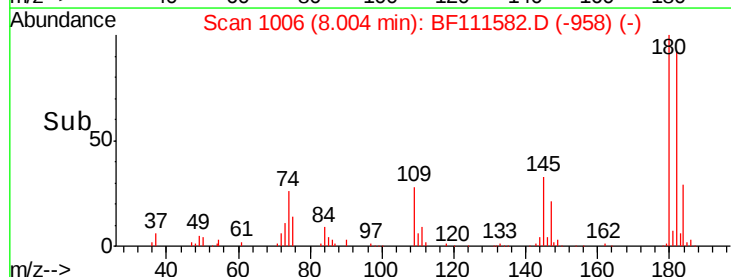


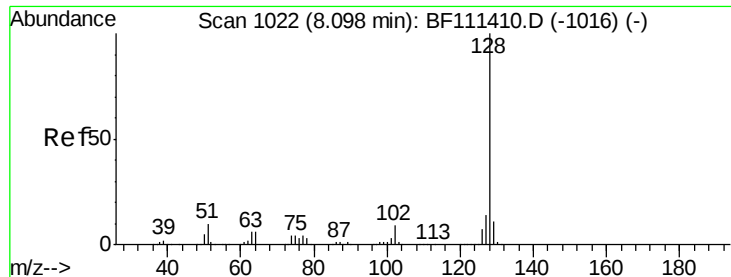
#30
 1,2,4-Trichlorobenzene
 Concen: 41.102 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.6	113.4
145	33.3	26.7	40.1



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

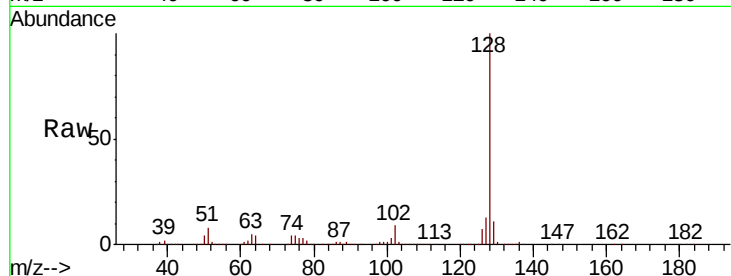




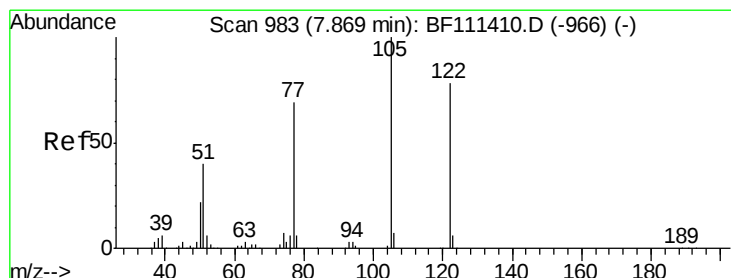
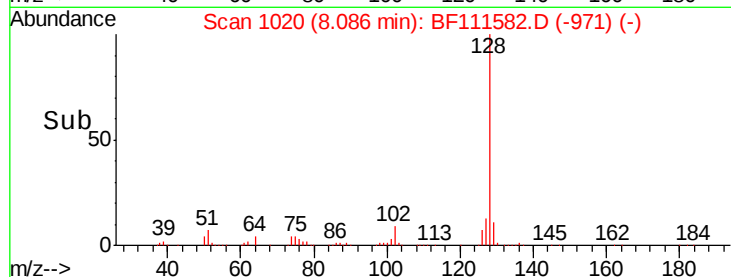
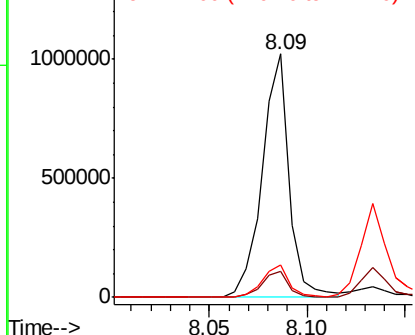
#31
Naphthalene
Concen: 39.326 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.8	14.8
127	13.1	12.0	18.0

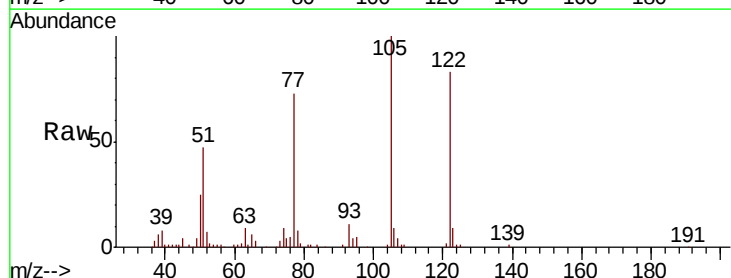


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

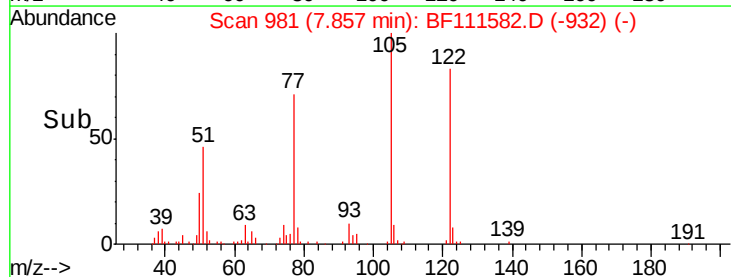
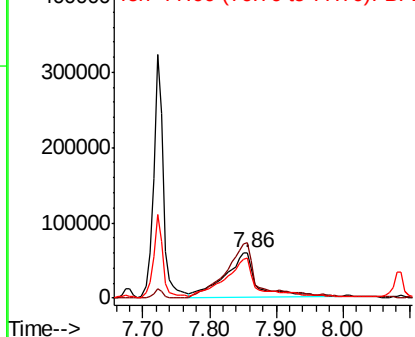


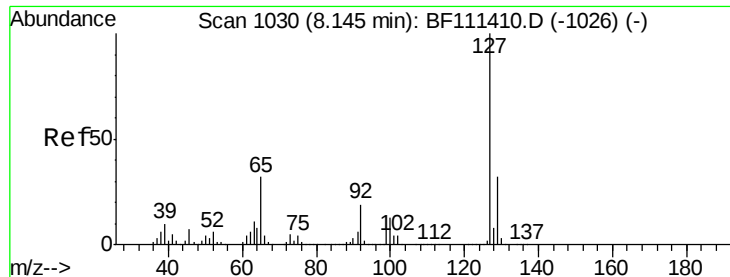
#32
Benzoic acid
Concen: 33.483 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	97.0	137.0
77	88.1	65.7	105.7



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

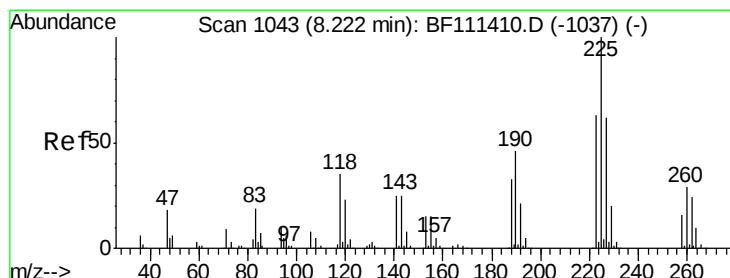
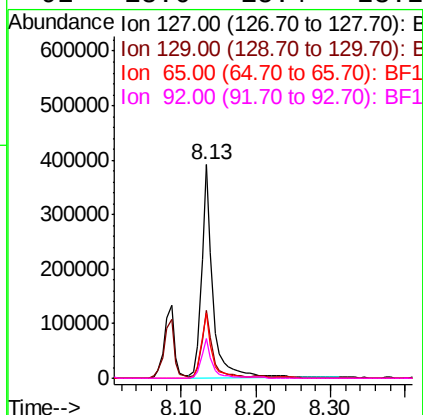
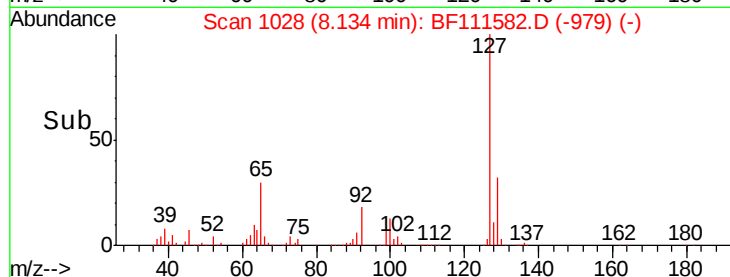
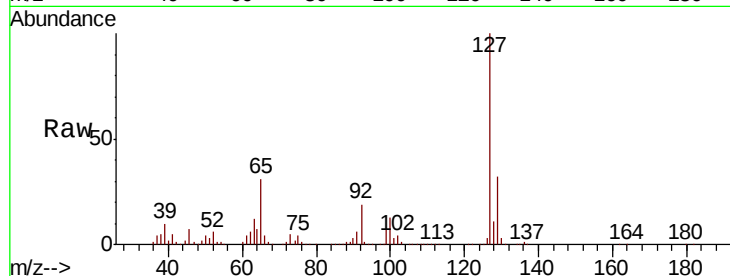




#33
4-Chloroaniline
Concen: 38.025 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

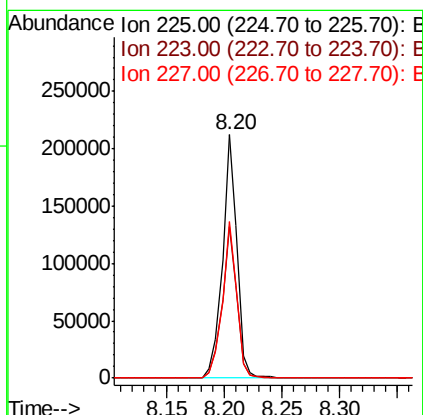
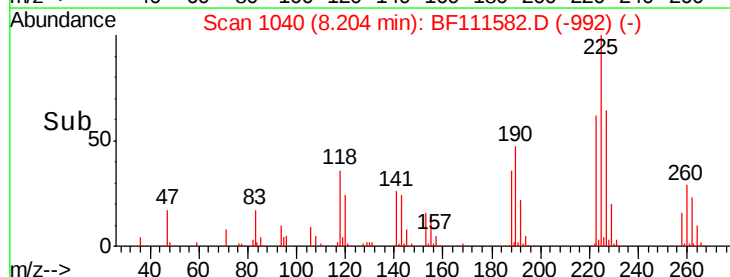
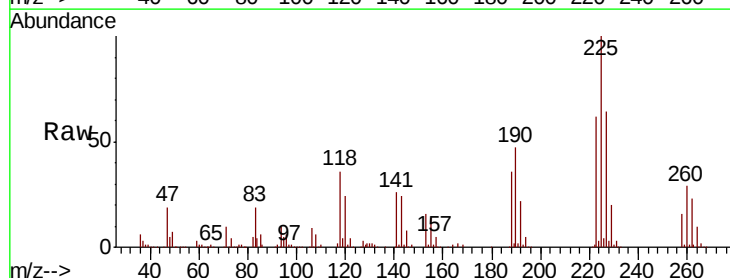
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

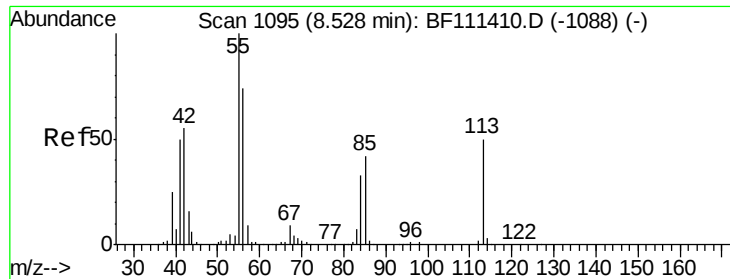
Tgt Ion:	127	Resp:	420790
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	30.8	25.7	38.5
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 43.774 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:	225	Resp:	184684
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	64.3	52.6	78.8

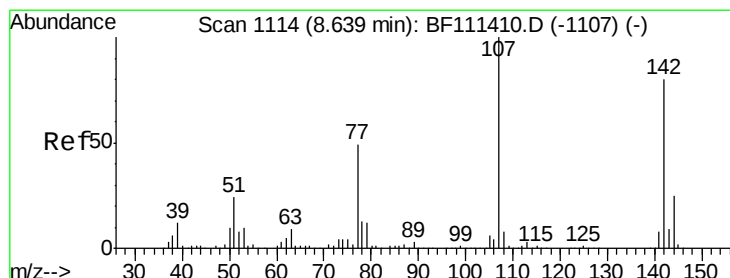
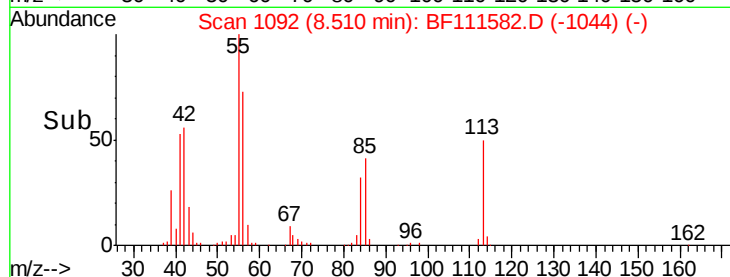
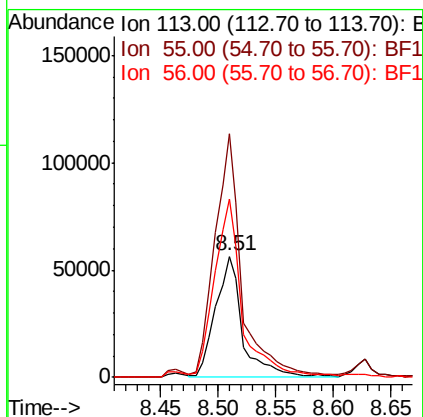
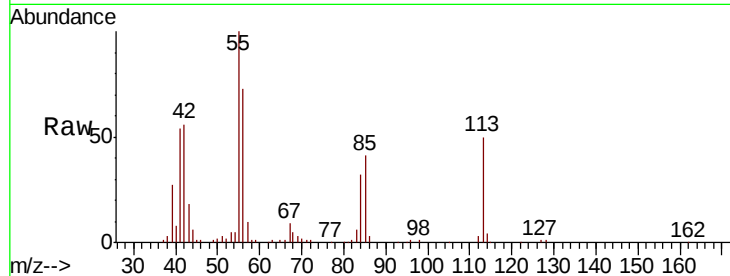




#35
 Caprolactam
 Concen: 34.157 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

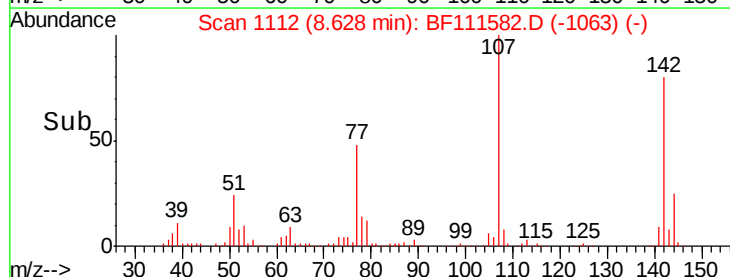
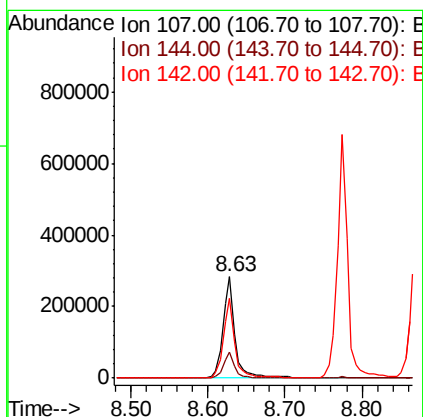
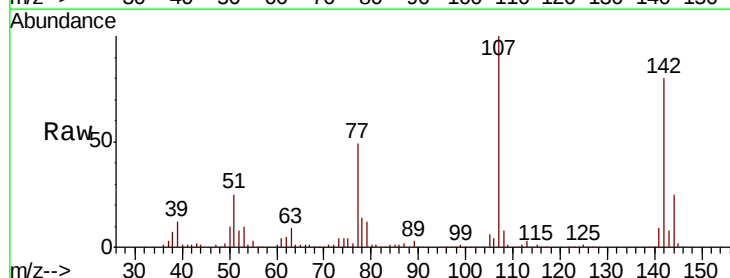
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

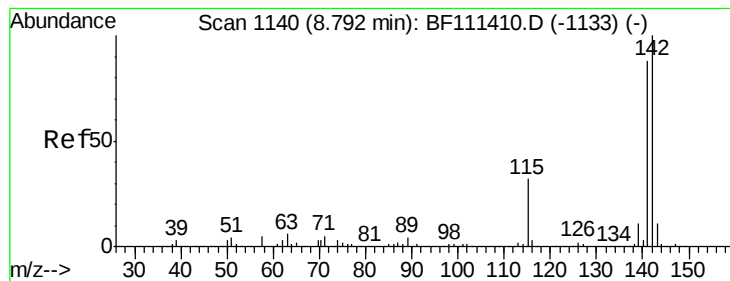
Tgt Ion:113 Resp: 92771
 Ion Ratio Lower Upper
 113 100
 55 200.9 184.1 224.1
 56 147.6 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.920 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:107 Resp: 305332
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.6
 142 79.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.842 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

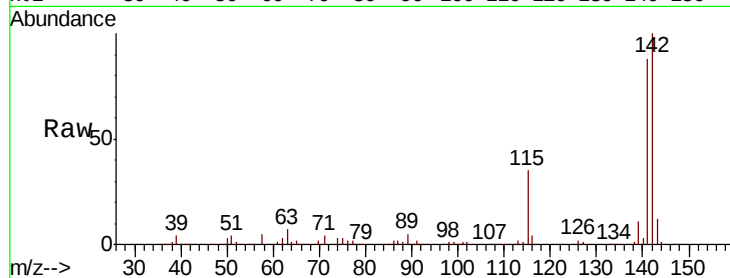
Tgt Ion:142 Resp: 637257

Ion Ratio Lower Upper

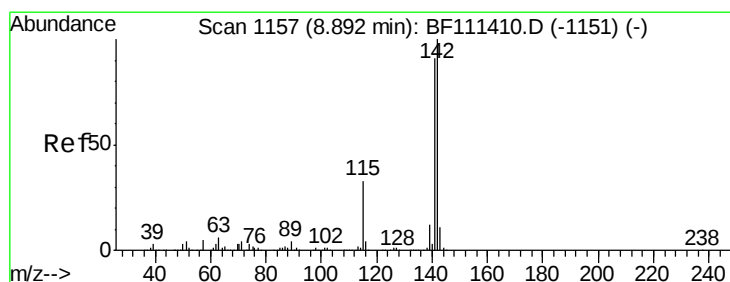
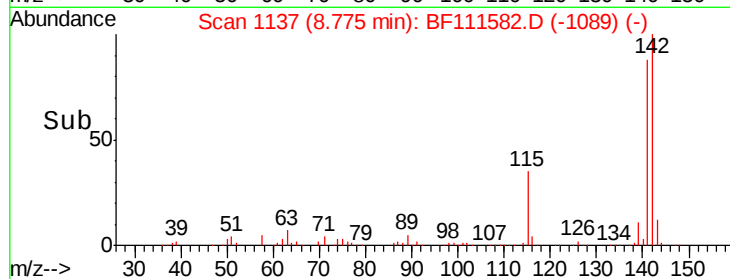
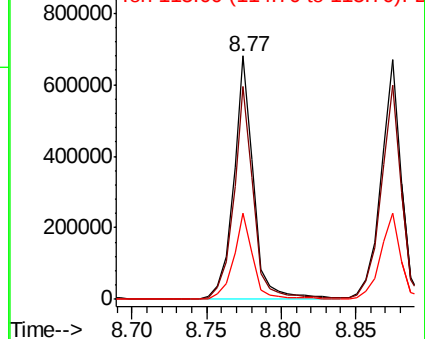
142 100

141 87.6 70.6 105.8

115 35.4 27.0 40.6



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



#38

1-Methylnaphthalene

Concen: 39.111 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

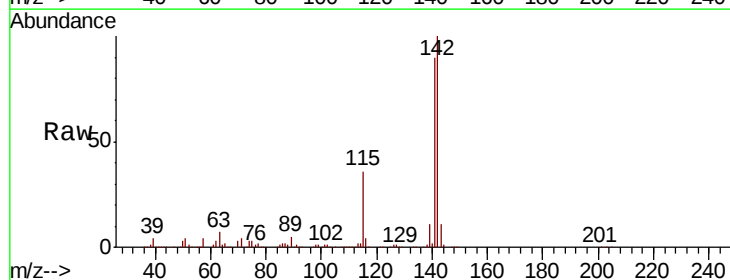
Tgt Ion:142 Resp: 636274

Ion Ratio Lower Upper

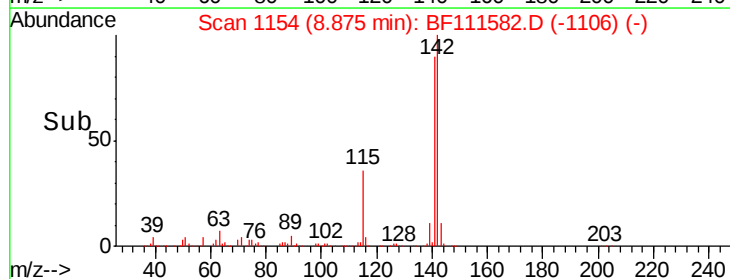
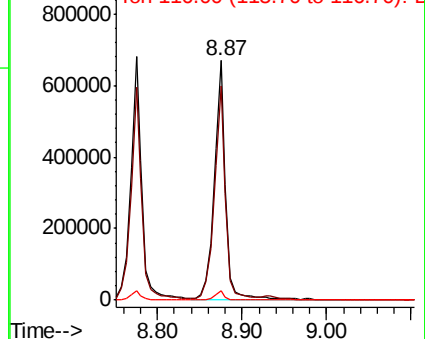
142 100

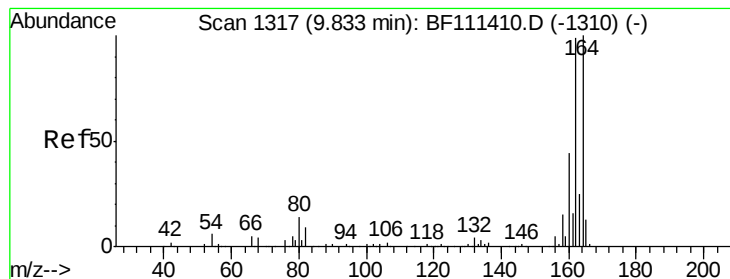
141 89.5 74.2 111.4

116 3.9 2.9 4.3



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: 9.82 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

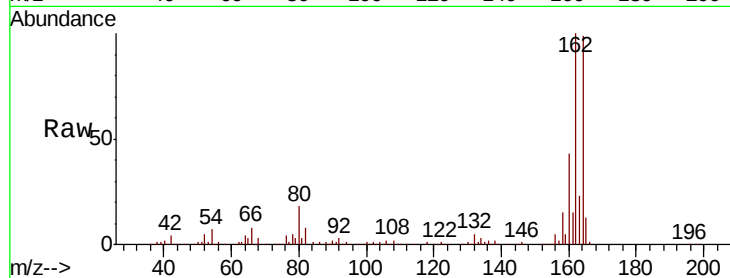
Tgt Ion:164 Resp: 251168

Ion Ratio Lower Upper

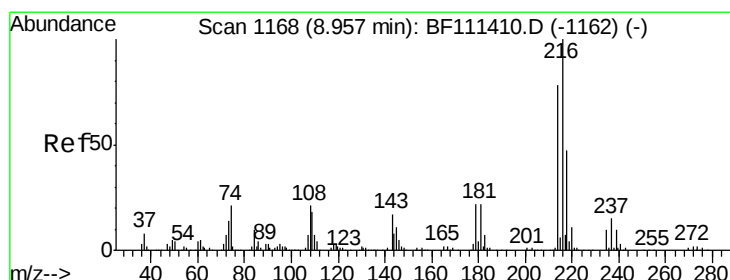
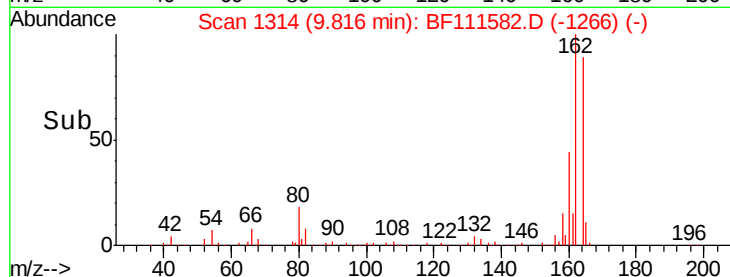
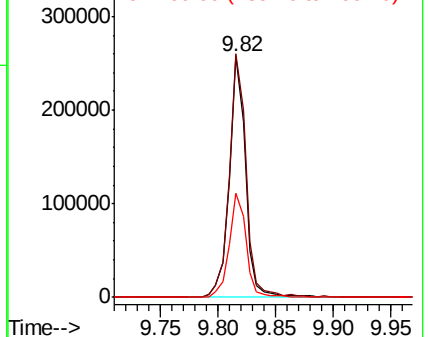
164 100

162 101.0 81.4 122.0

160 43.5 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.959 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:216 Resp: 289019

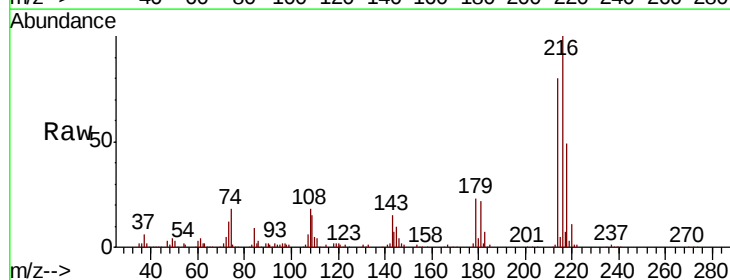
Ion Ratio Lower Upper

216 100

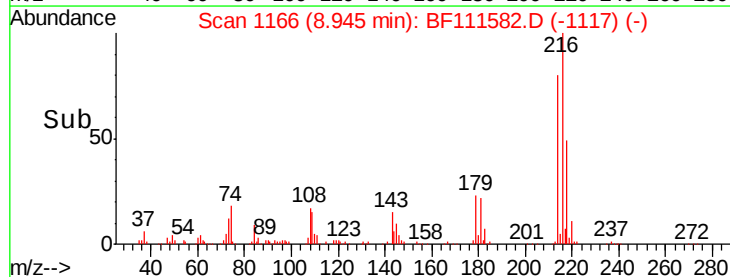
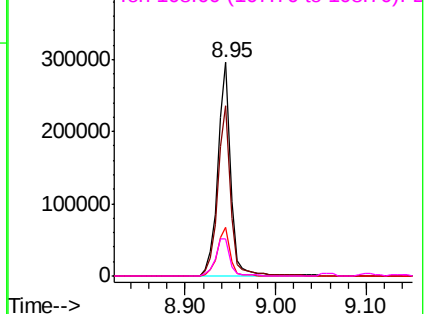
214 79.5 63.8 95.8

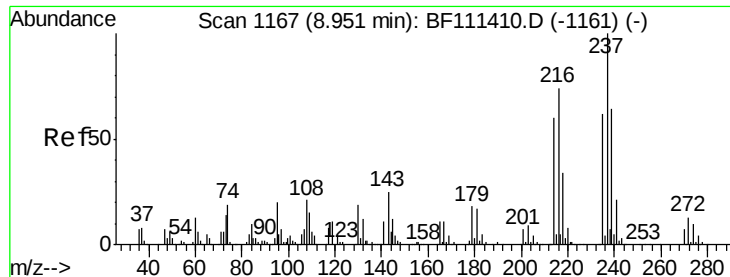
179 22.8 17.9 26.9

108 20.5 18.4 27.6



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

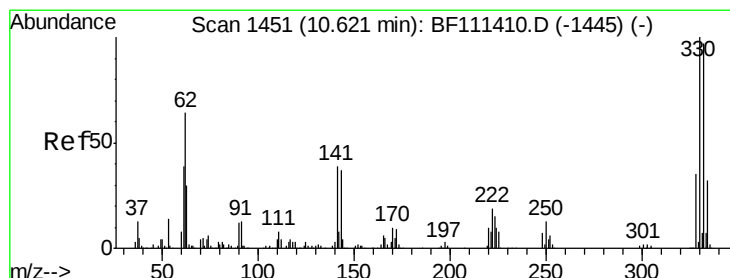
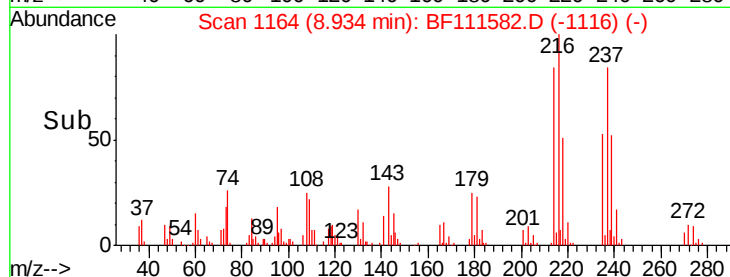
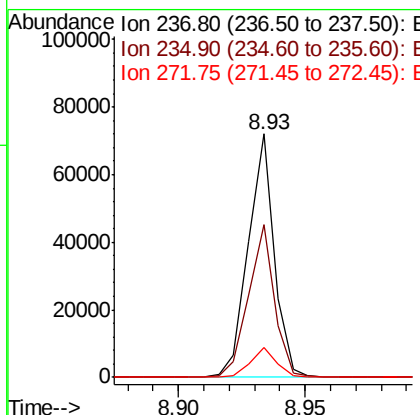
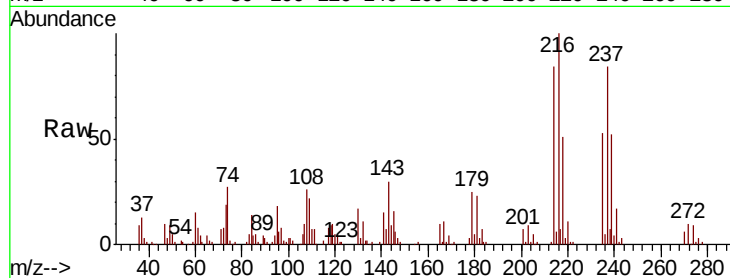




#41
Hexachlorocyclopentadiene
Concen: 14.538 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

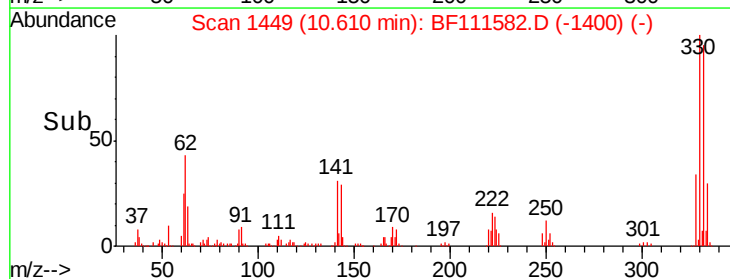
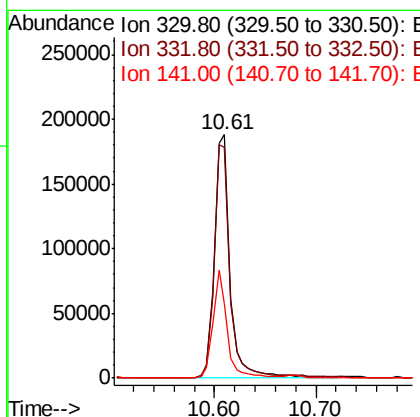
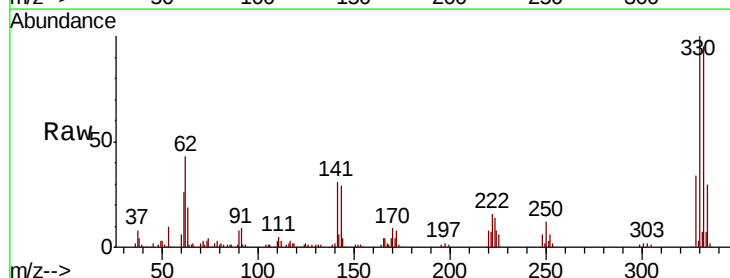
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

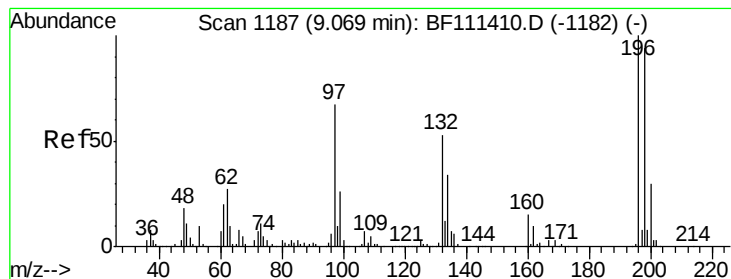
Tgt Ion: 237 Resp: 51412
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 12.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 91.322 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion: 330 Resp: 205469
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 39.5 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 37.091 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

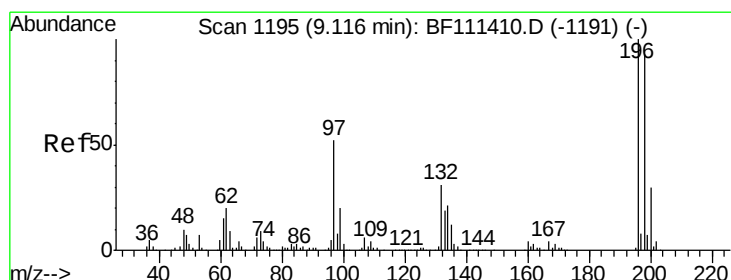
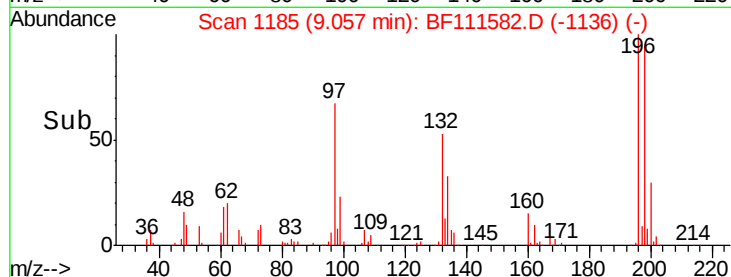
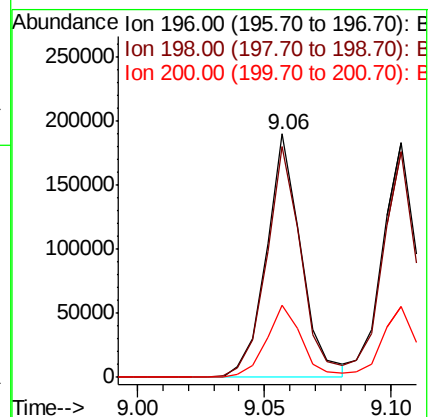
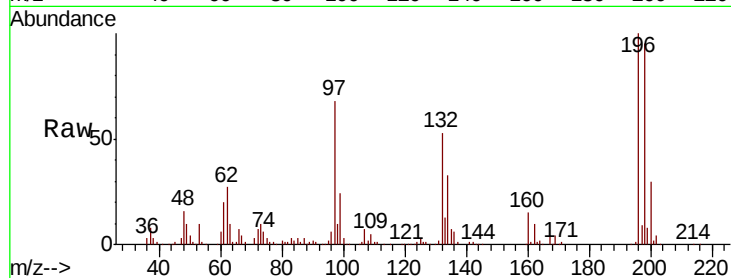
Tgt Ion:196 Resp: 180819

Ion Ratio Lower Upper

196 100

198 94.7 76.3 114.5

200 29.8 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 37.730 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:196 Resp: 195733

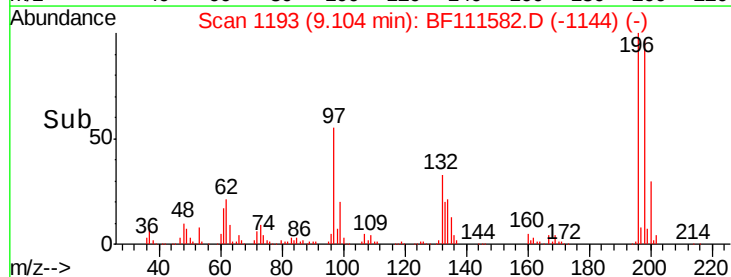
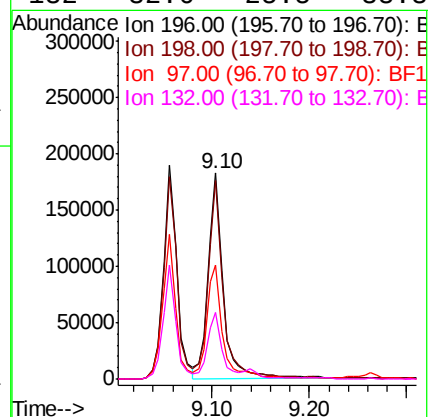
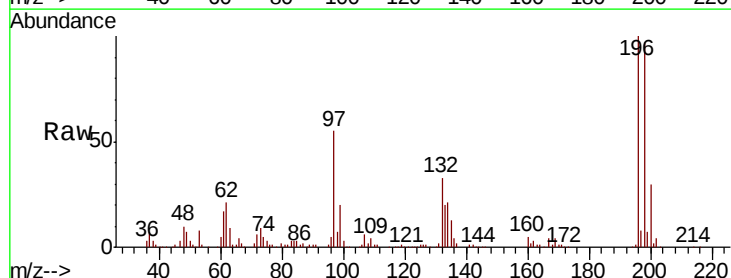
Ion Ratio Lower Upper

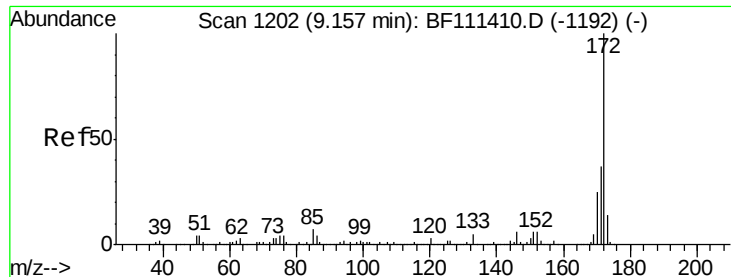
196 100

198 96.5 72.9 109.3

97 55.4 45.3 67.9

132 32.6 25.5 38.3

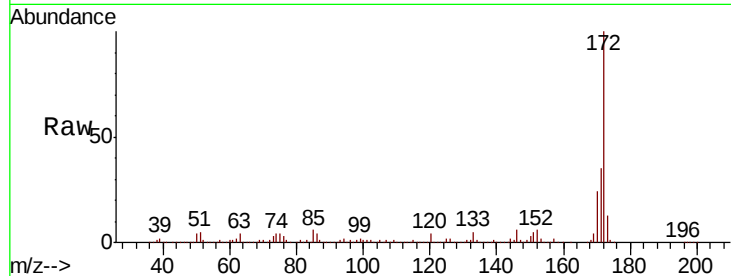




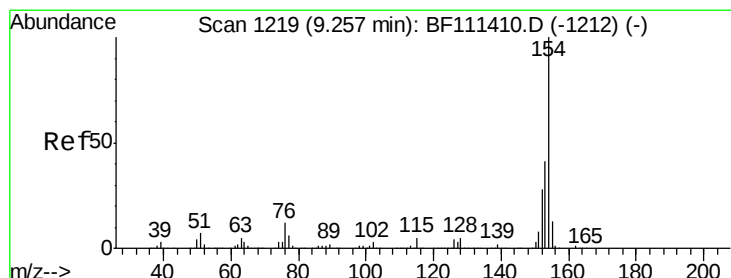
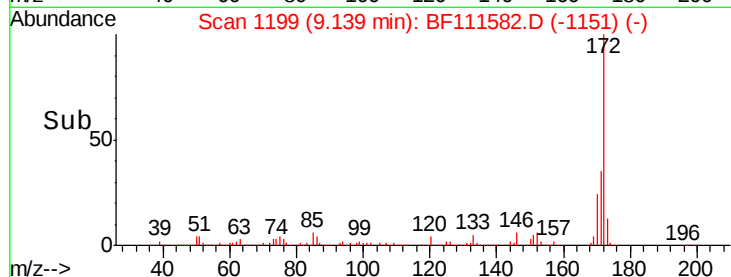
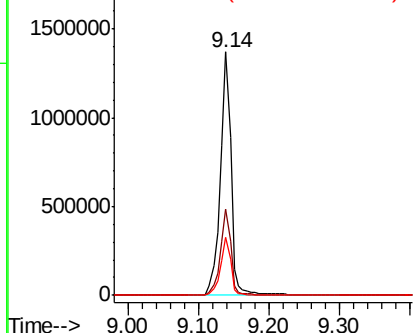
#45
2-Fluorobiphenyl
Concen: 88.263 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1435214
Ion Ratio Lower Upper
172 100
171 35.3 33.0 49.4
170 24.0 22.3 33.5

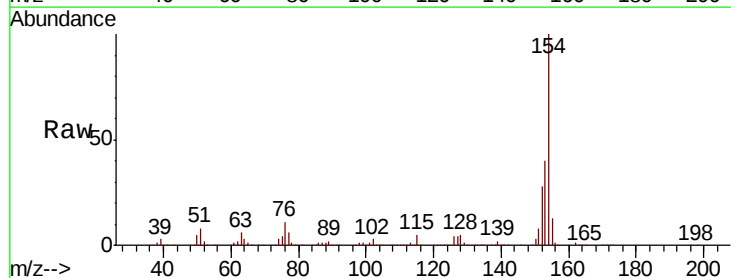


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

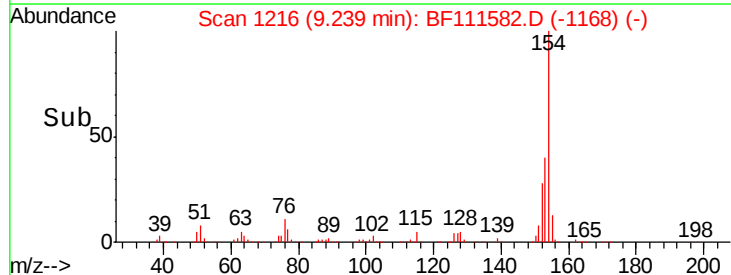
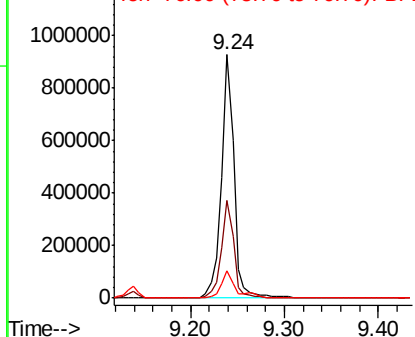


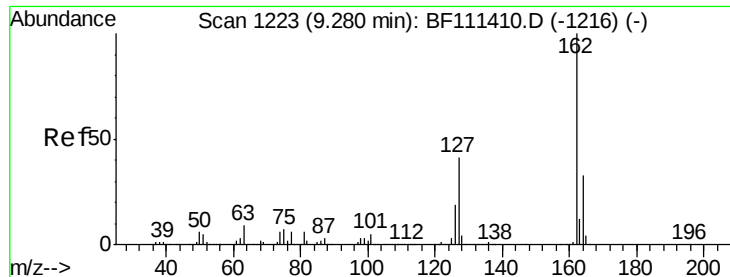
#46
1,1'-Biphenyl
Concen: 41.232 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:154 Resp: 877503
Ion Ratio Lower Upper
154 100
153 40.1 23.7 63.7
76 11.2 0.0 35.0



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

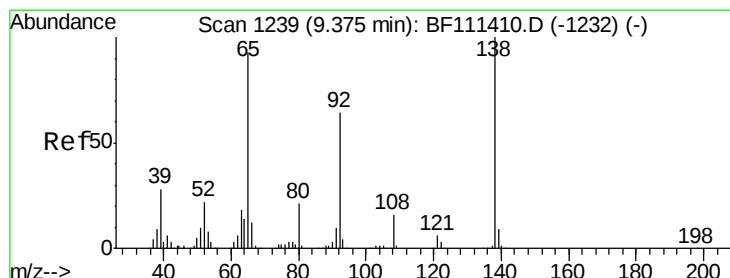
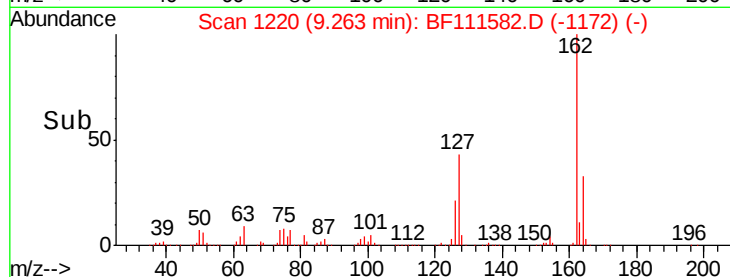
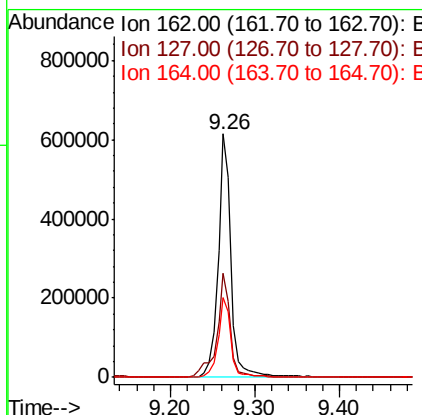
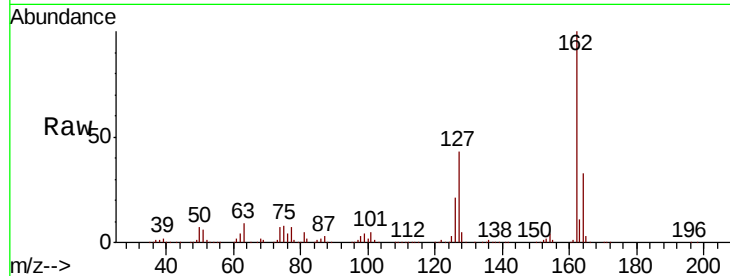




#47
 2-Chloronaphthalene
 Concen: 41.381 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

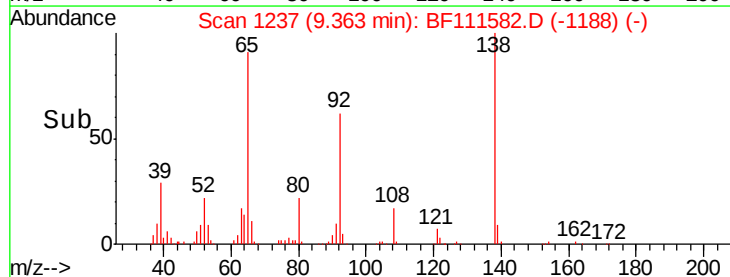
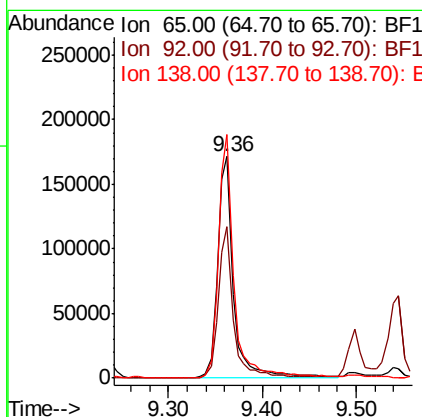
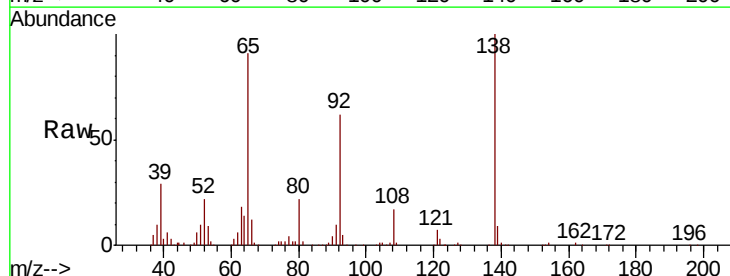
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

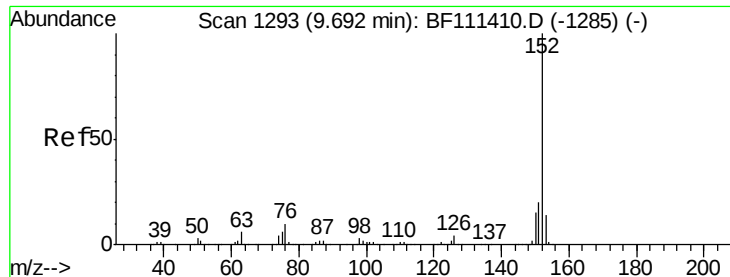
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	32.9	28.4	42.6



#48
 2-Nitroaniline
 Concen: 39.054 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.5	80.3
138	110.0	80.9	121.3





#49

Acenaphthylene

Concen: 41.339 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

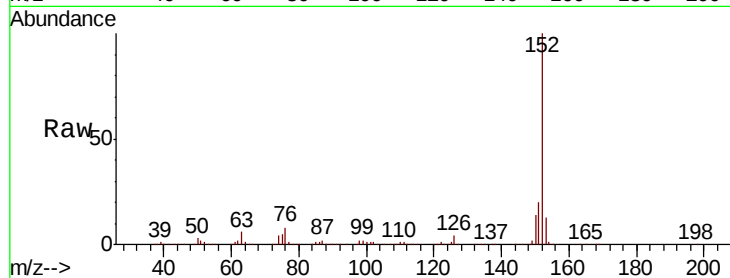
Tgt Ion:152 Resp: 992636

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

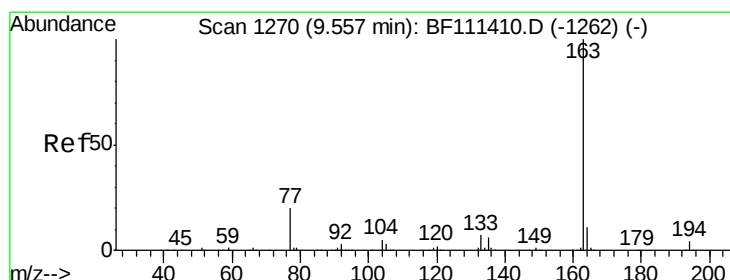
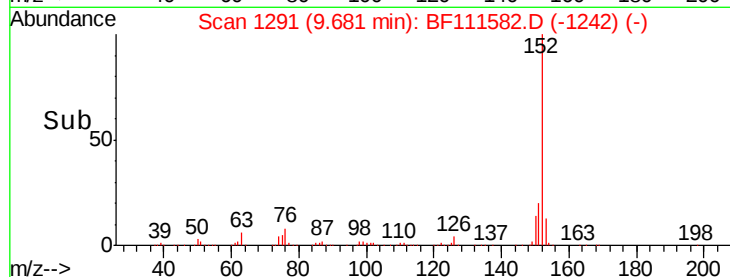
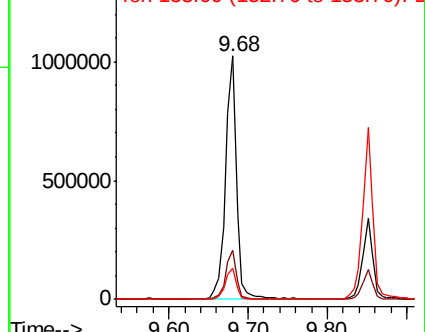
153 12.8 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.747 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

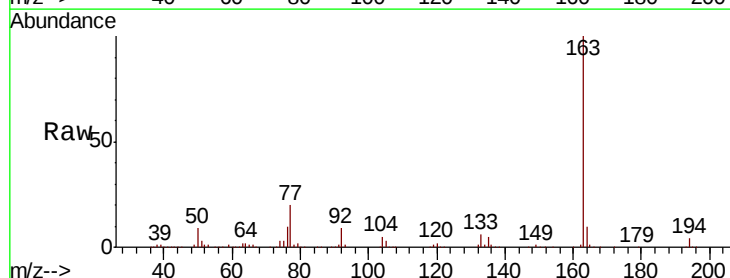
Tgt Ion:163 Resp: 737063

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

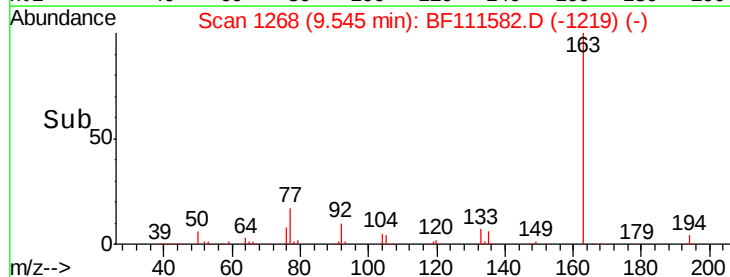
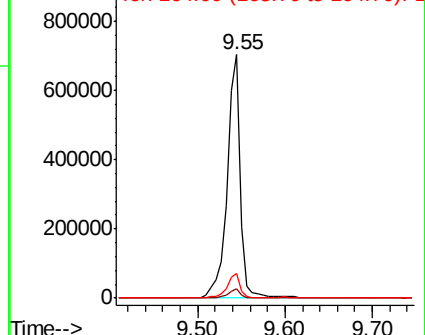
164 10.2 8.9 13.3

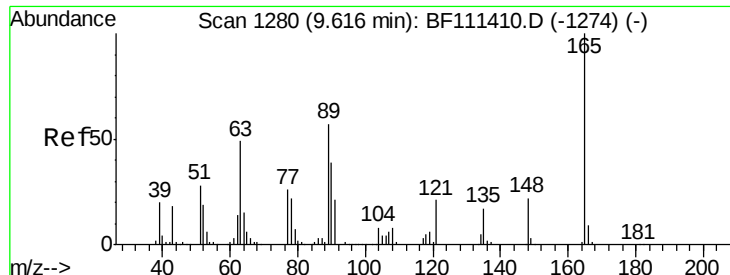


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

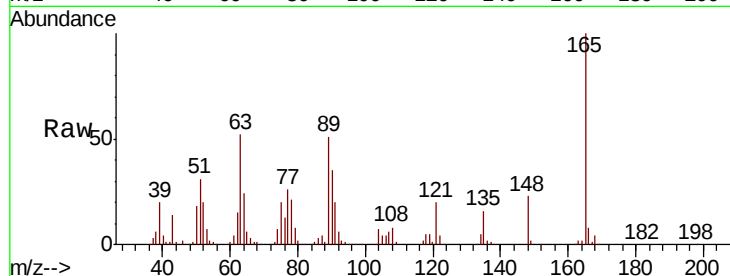




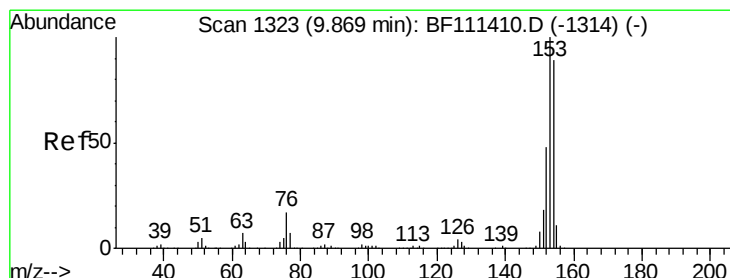
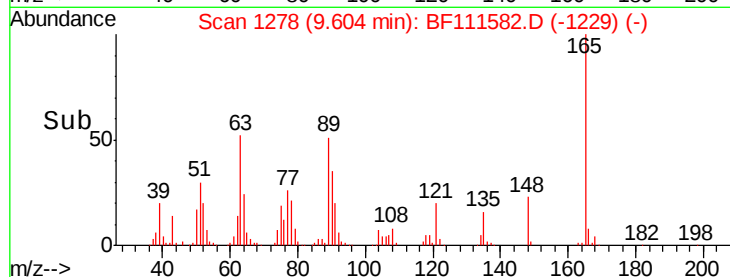
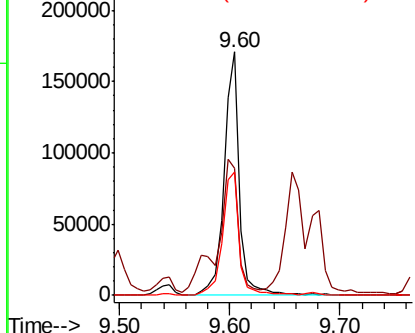
#51
2,6-Dinitrotoluene
Concen: 40.197 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 163664
Ion Ratio Lower Upper
165 100
63 52.2 40.5 60.7
89 50.7 40.0 60.0

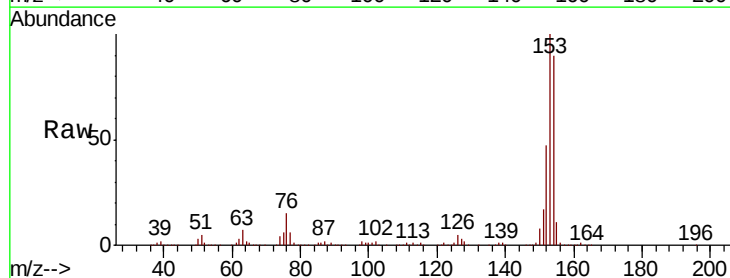


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

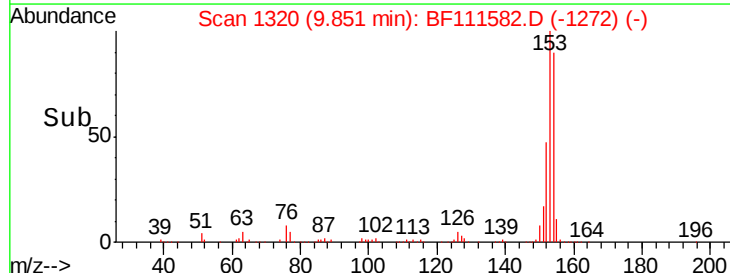
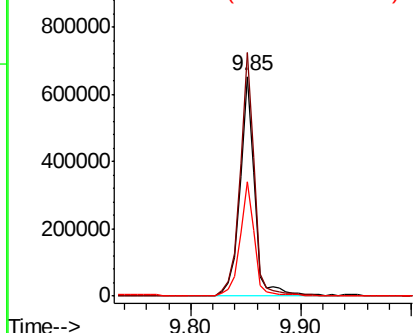


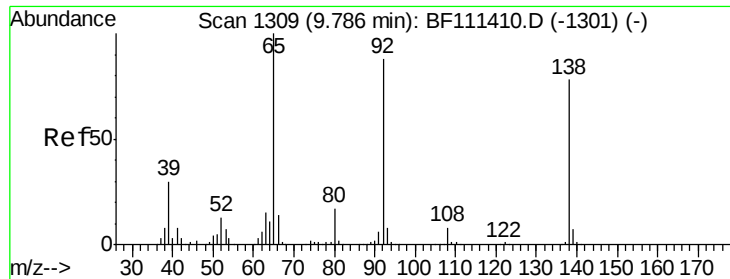
#52
Acenaphthene
Concen: 40.317 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:154 Resp: 611885
Ion Ratio Lower Upper
154 100
153 111.0 87.8 131.8
152 52.2 43.4 65.2



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

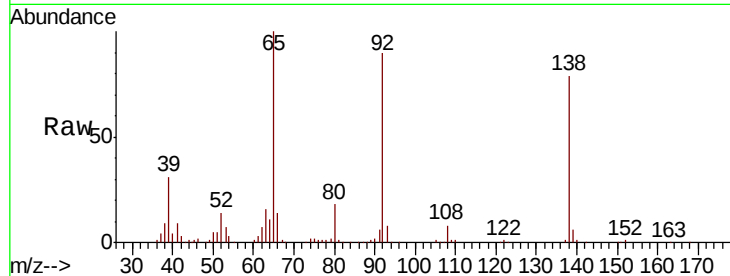




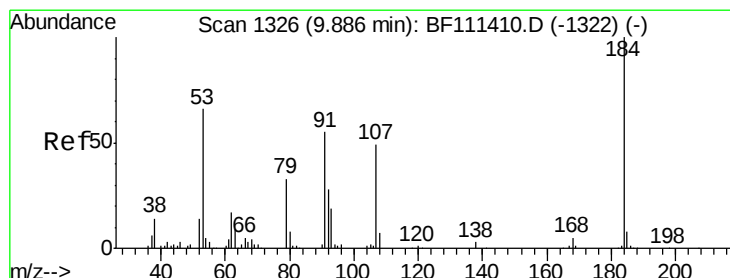
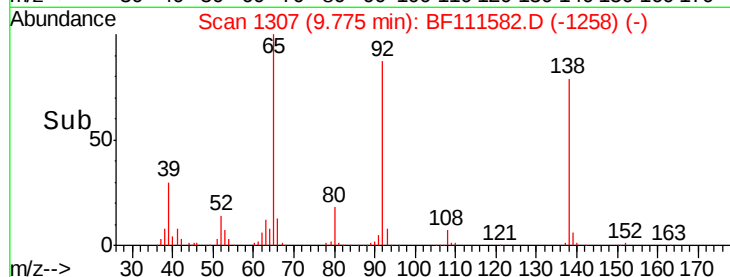
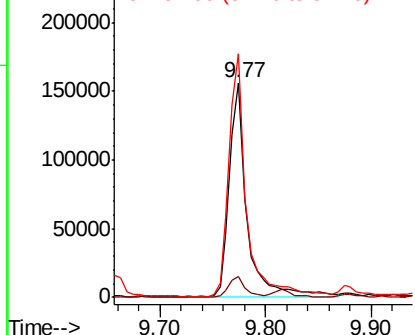
#53
3-Nitroaniline
Concen: 37.076 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 183358
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 113.6 93.4 140.2

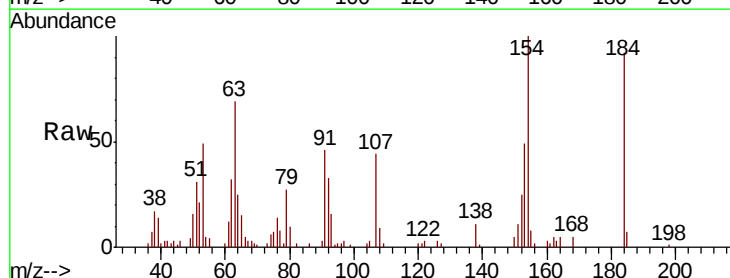


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

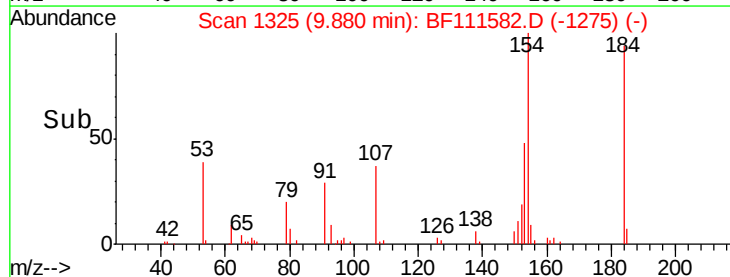
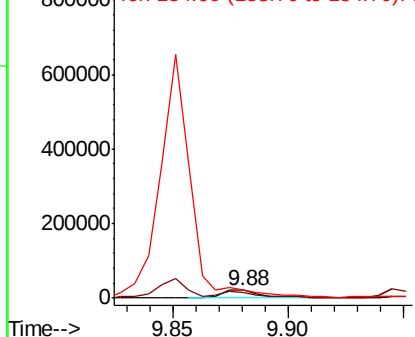


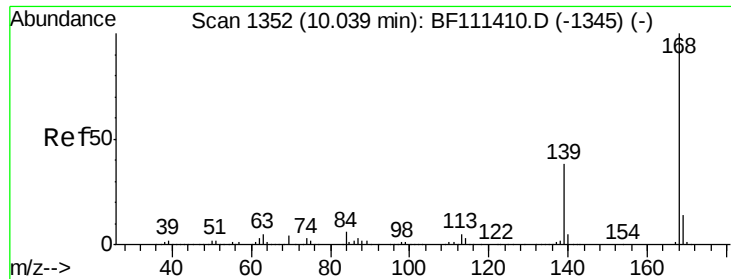
#54
2,4-Dinitrophenol
Concen: 17.334 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:184 Resp: 26851
Ion Ratio Lower Upper
184 100
63 74.8 62.3 93.5
154 108.2 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

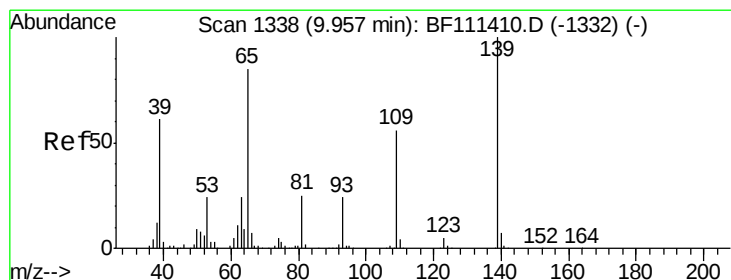
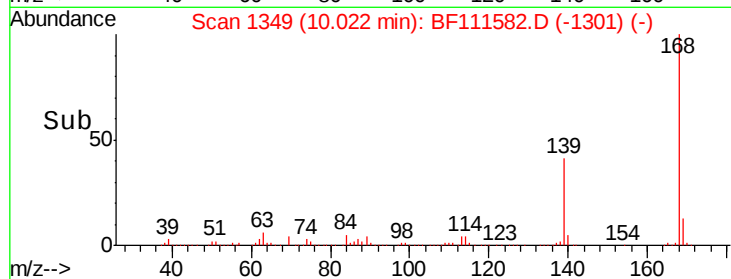
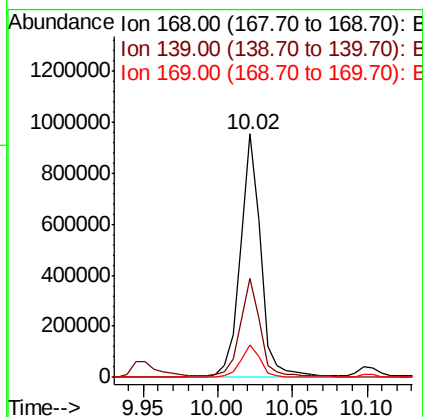
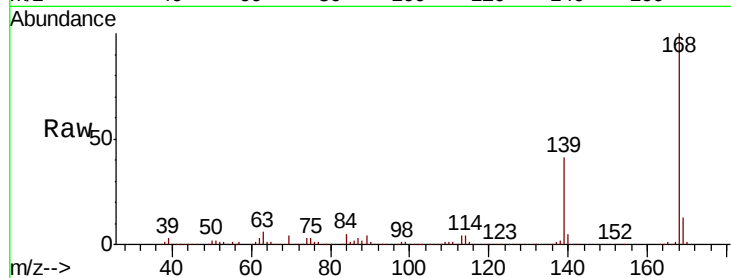




#55
Dibenzenofuran
Concen: 41.373 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

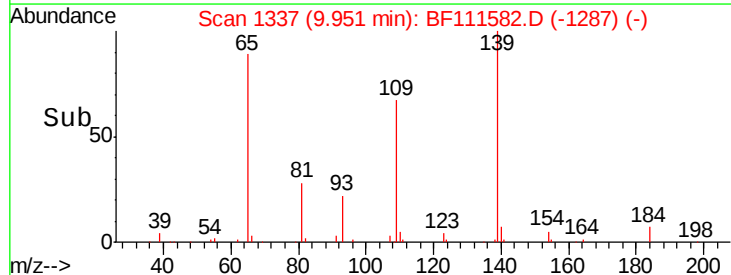
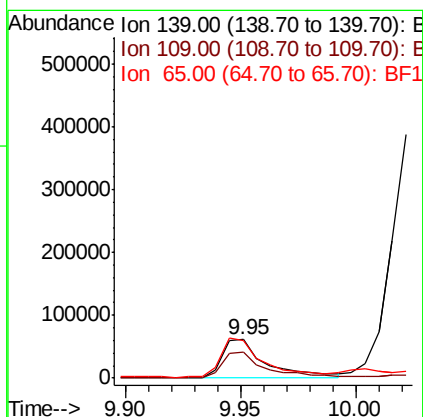
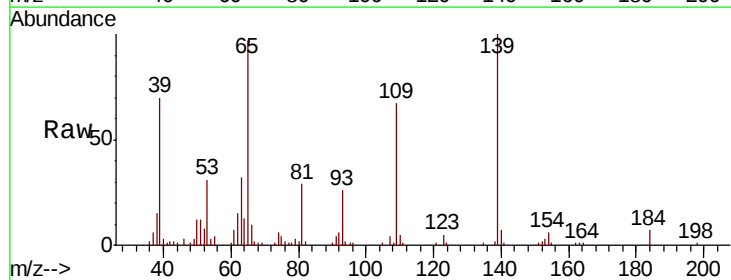
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

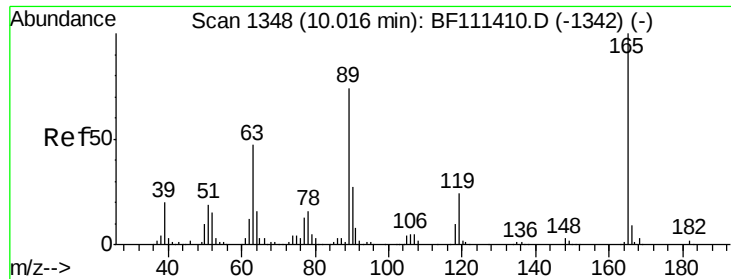
Tgt Ion:168 Resp: 911418
Ion Ratio Lower Upper
168 100
139 40.6 32.6 49.0
169 13.3 11.8 17.6



#56
4-Nitrophenol
Concen: 23.721 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:139 Resp: 81185
Ion Ratio Lower Upper
139 100
109 67.4 41.8 81.8
65 97.2 79.6 119.6

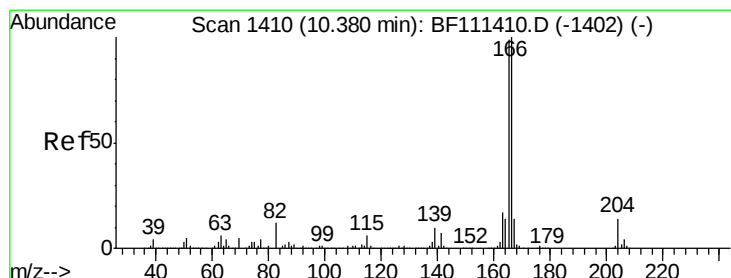
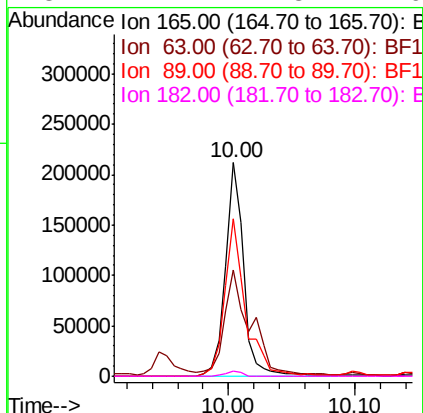
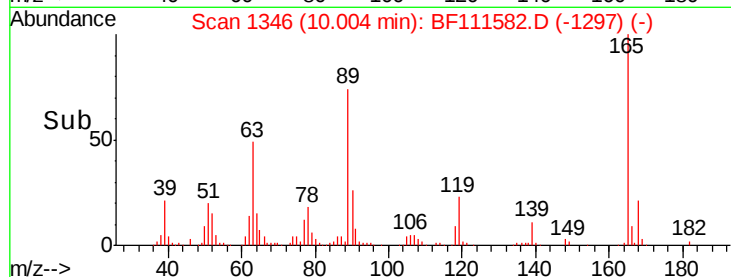
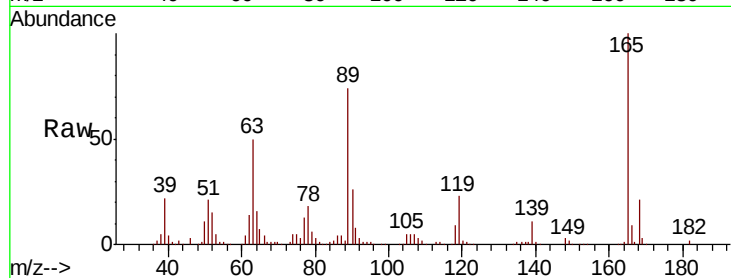




#57
2,4-Dinitrotoluene
Concen: 39.781 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

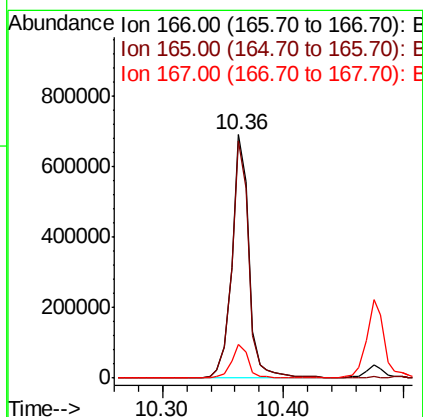
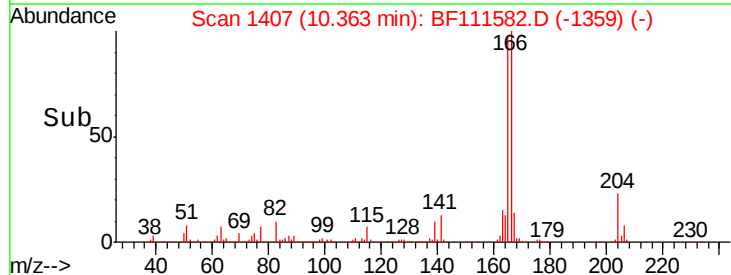
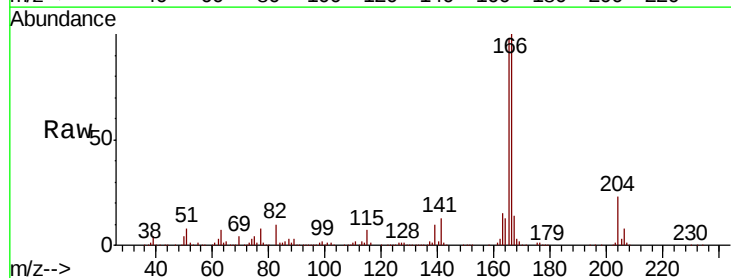
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

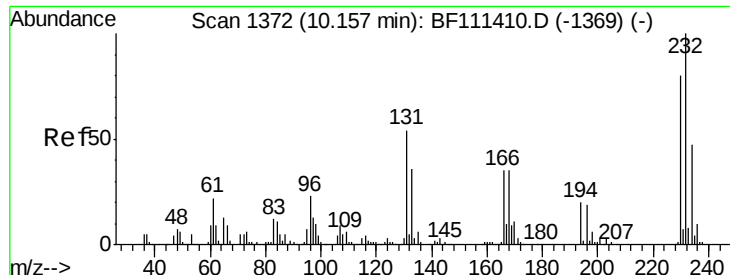
Tgt Ion:	165	Resp:	212590
Ion	Ratio	Lower	Upper
165	100		
63	49.6	34.6	52.0
89	73.7	56.2	84.4
182	2.2	1.8	2.6



#58
Fluorene
Concen: 42.813 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:	166	Resp:	684088
Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.8	11.2	16.8

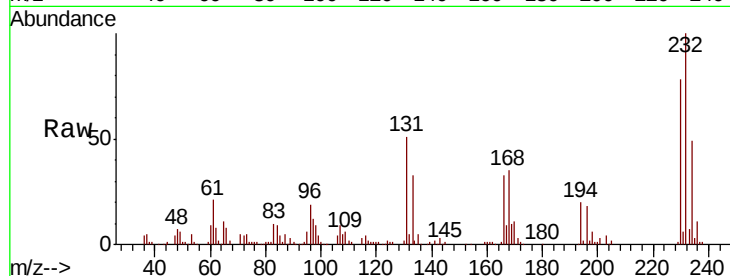




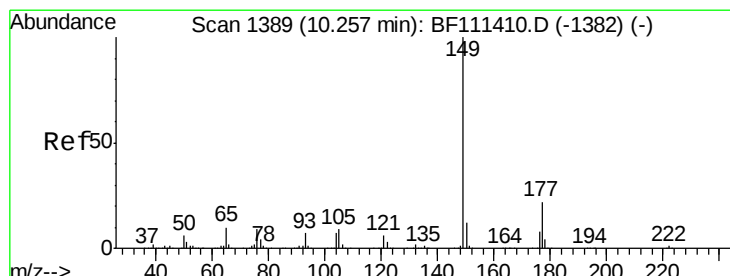
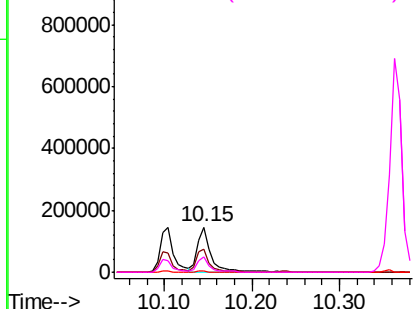
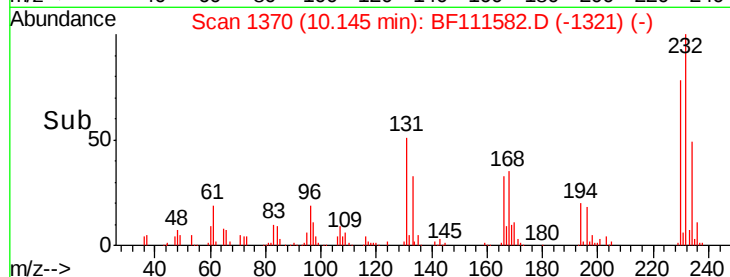
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.942 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	157841
Ion	Ratio	Lower	Upper
232	100		
131	50.2	40.9	61.3
130	2.3	2.0	3.0
166	31.5	26.8	40.2

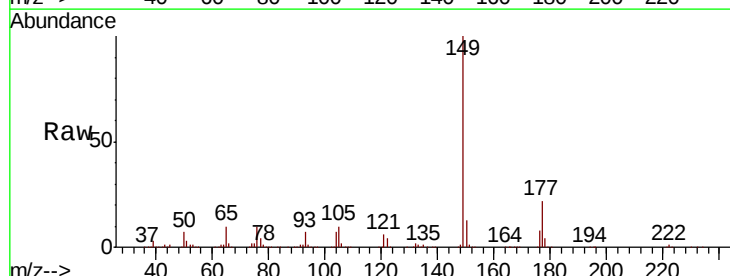


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

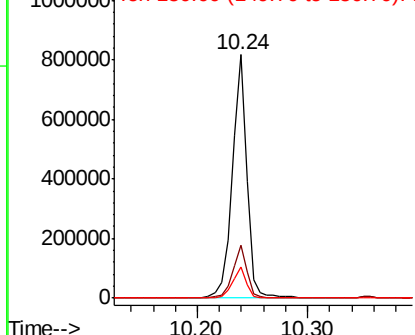
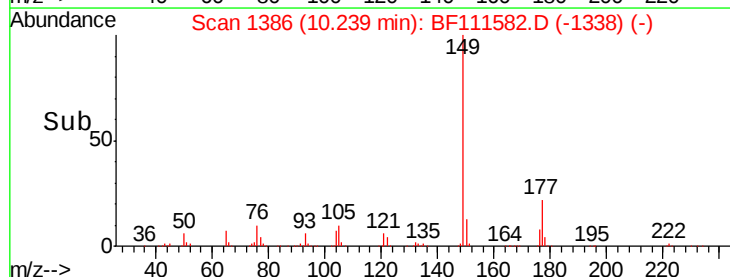


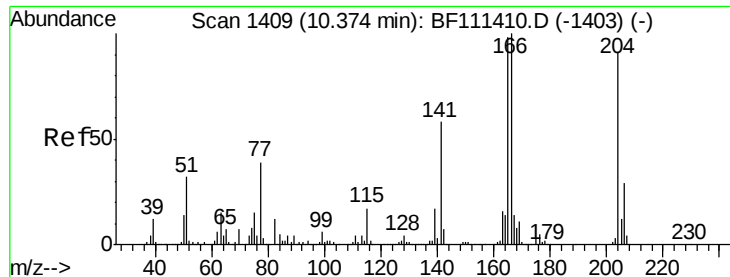
#60
 Diethylphthalate
 Concen: 41.585 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:	149	Resp:	761957
Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	12.9	10.6	15.8



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

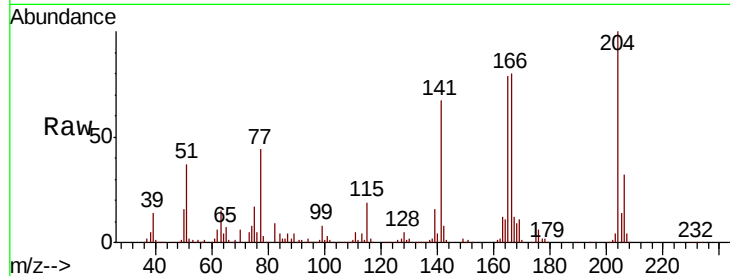




#61
 4-Chlorophenyl-phenylether
 Concen: 43.620 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	67.3	52.6	78.8

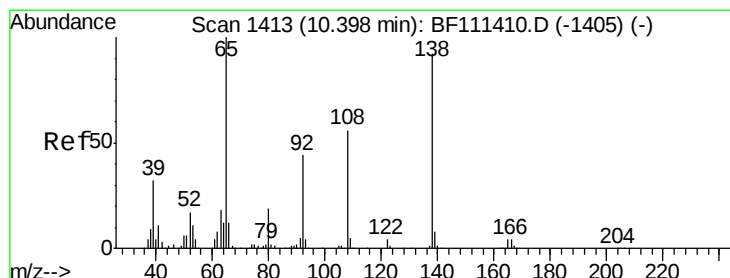
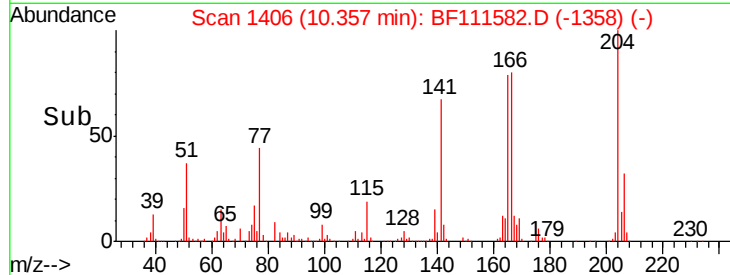
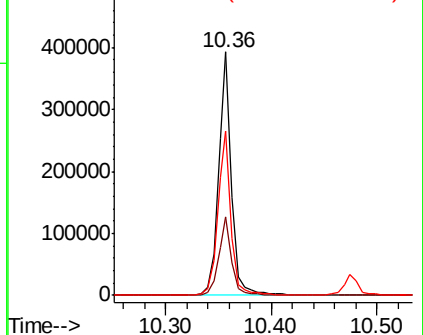


Abundance

Ion 204.00 (203.70 to 204.70): E

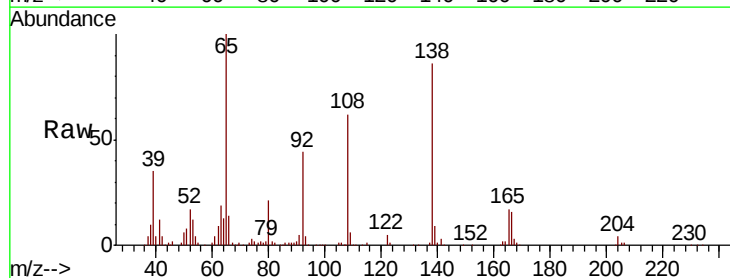
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 35.559 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	29.9	69.9
108	71.5	43.2	83.2

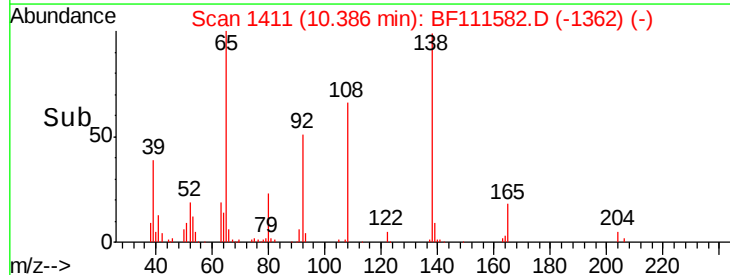
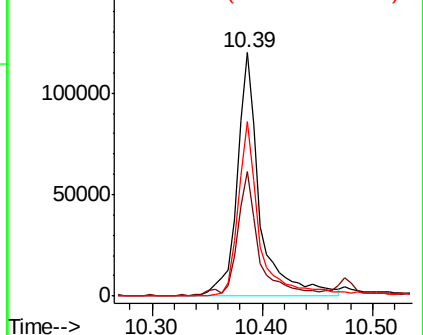


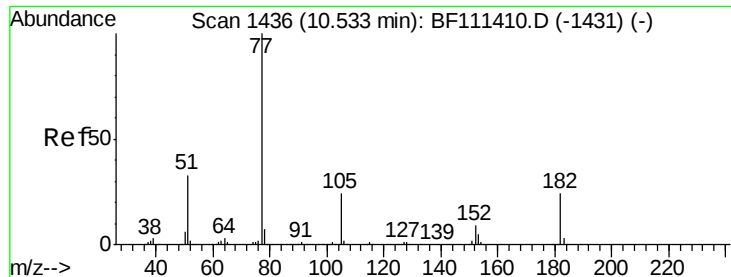
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

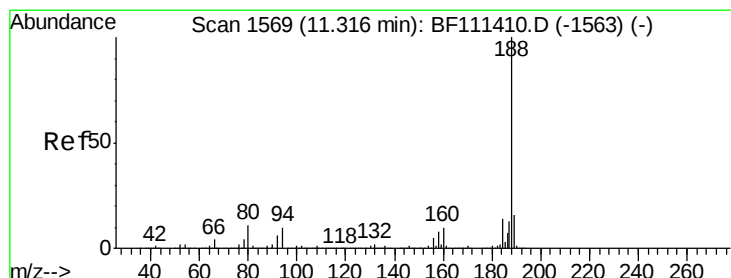
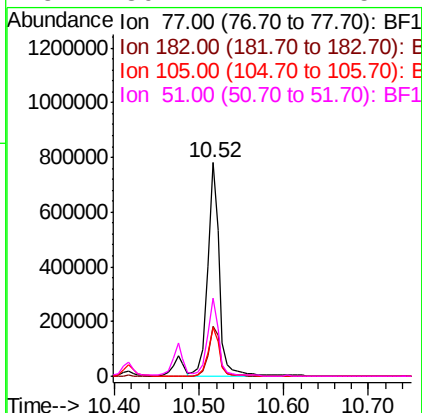
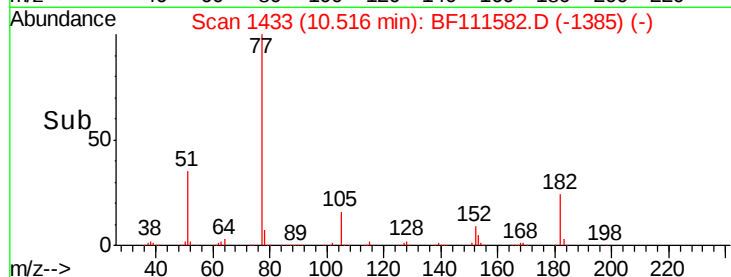
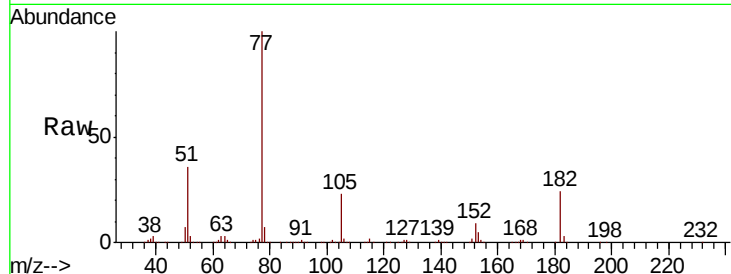




#63
Azobenzene
Concen: 41.015 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

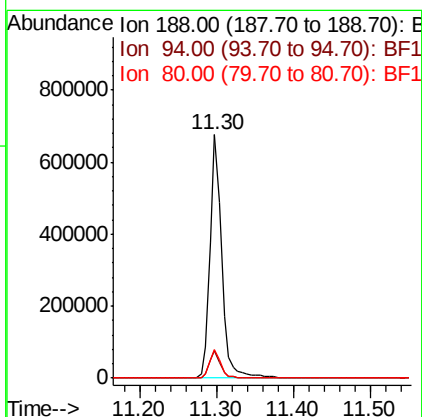
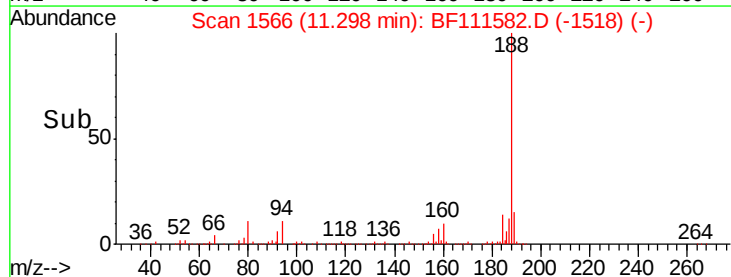
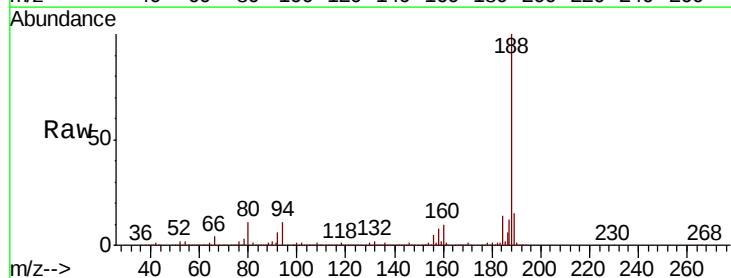
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

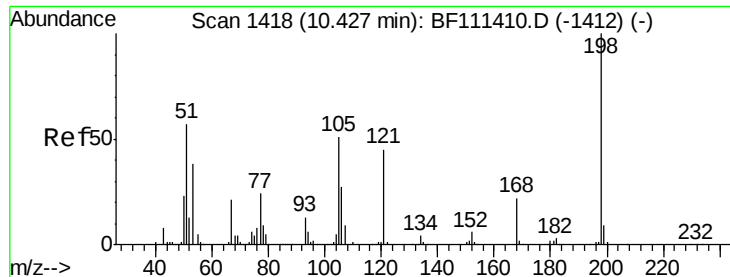
Tgt Ion: 77 Resp: 740879
Ion Ratio Lower Upper
77 100
182 23.6 4.9 44.9
105 22.9 6.0 46.0
51 36.4 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion: 188 Resp: 708392
Ion Ratio Lower Upper
188 100
94 11.2 9.6 14.4
80 11.5 9.8 14.6

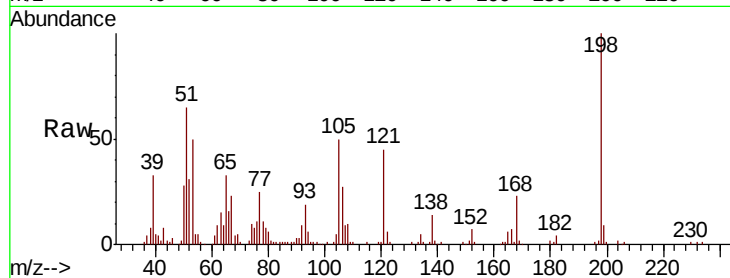




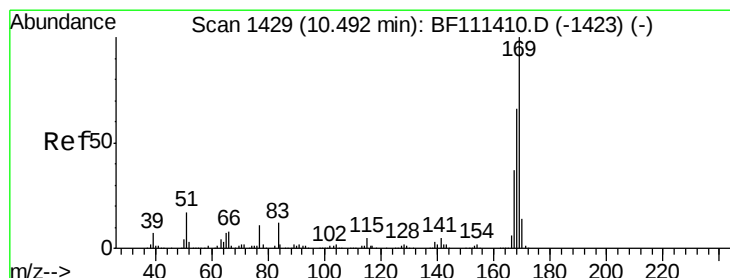
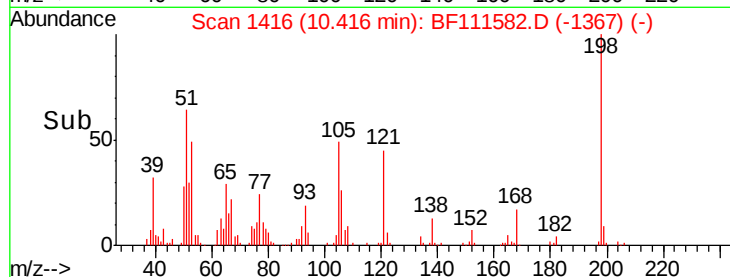
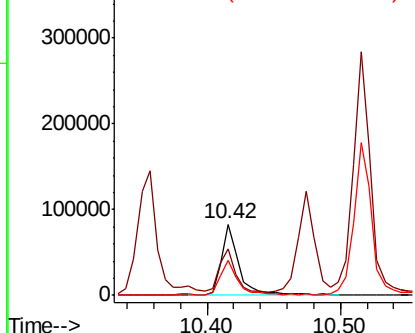
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.511 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:198 Resp: 78030
 Ion Ratio Lower Upper
 198 100
 51 64.5 48.0 88.0
 105 49.9 34.0 74.0

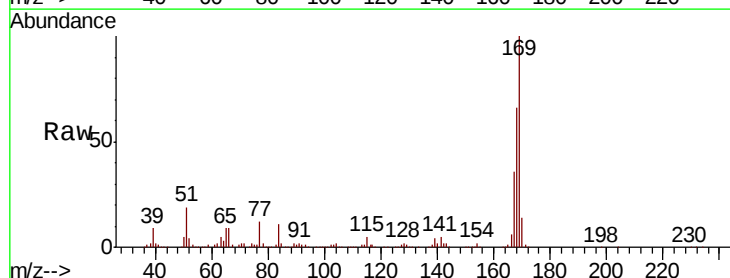


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

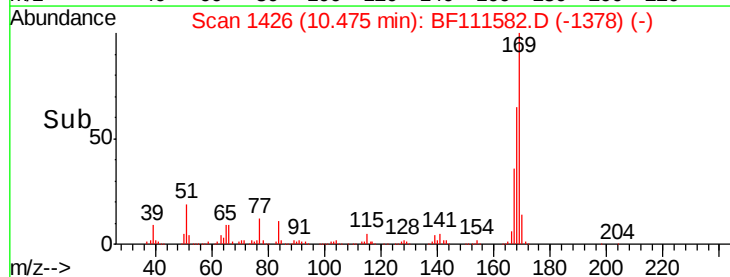
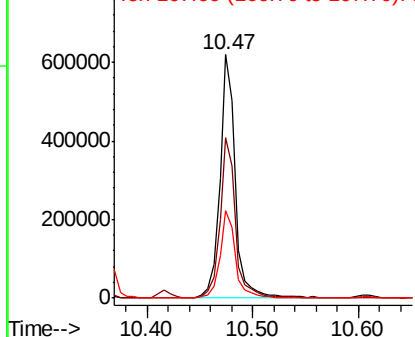


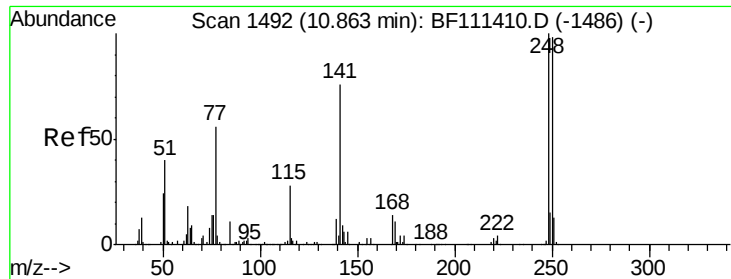
#66
 n-Nitrosodiphenylamine
 Concen: 26.046 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:169 Resp: 636279
 Ion Ratio Lower Upper
 169 100
 168 65.7 54.4 81.6
 167 35.9 30.5 45.7



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

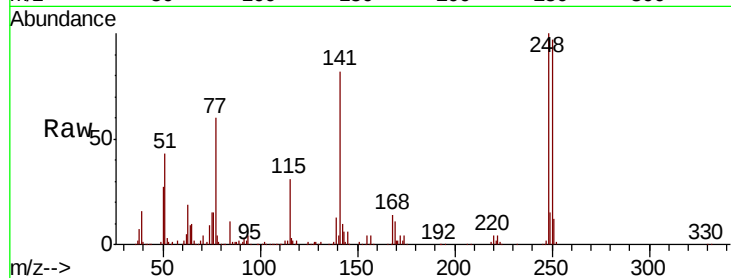




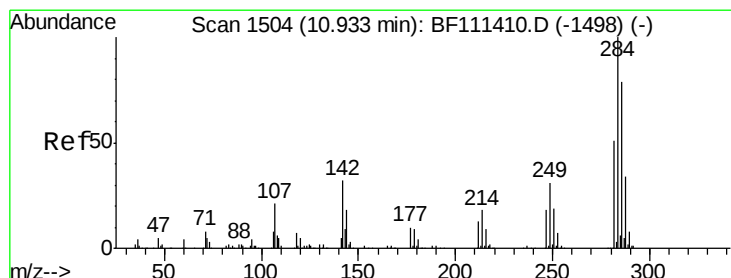
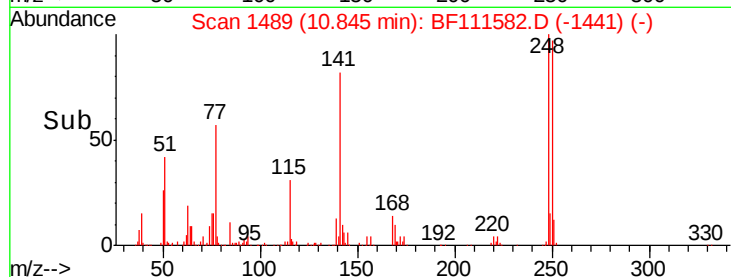
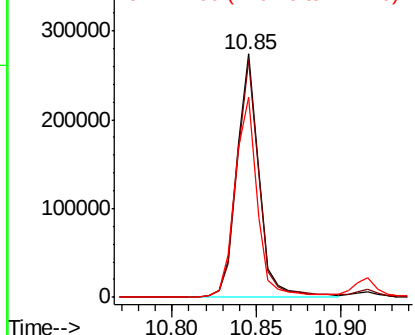
#67
 4-Bromophenyl-phenylether
 Concen: 32.825 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 250620
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.0 115.4
 141 82.3 63.0 94.6

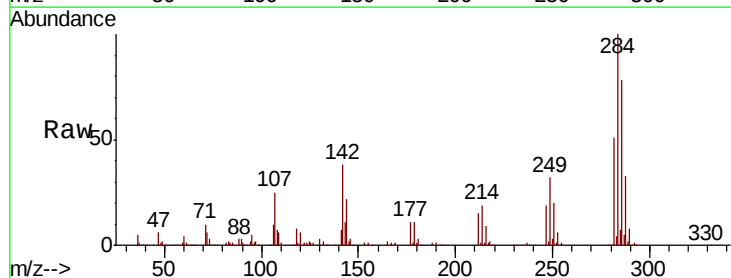


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

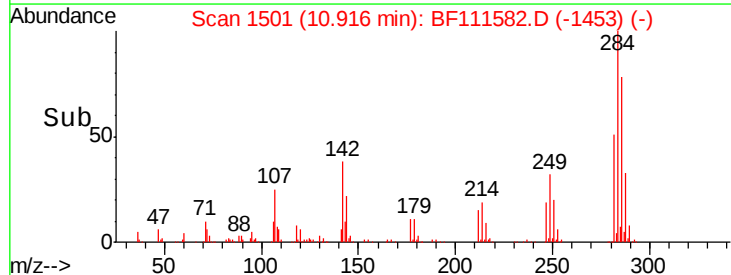
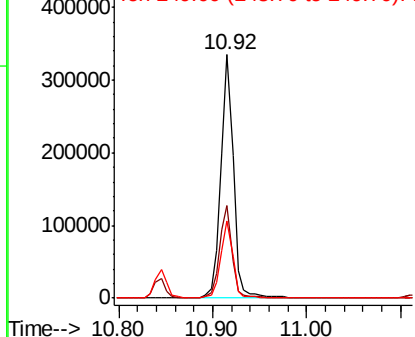


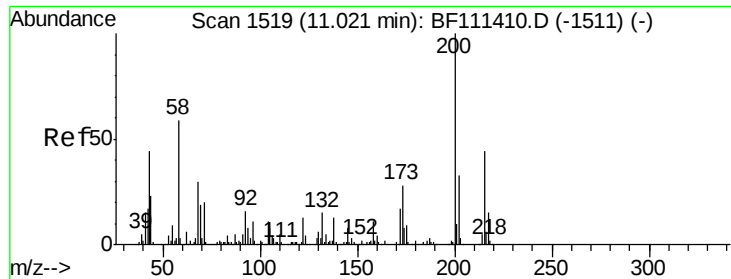
#68
 Hexachlorobenzene
 Concen: 40.243 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:284 Resp: 316062
 Ion Ratio Lower Upper
 284 100
 142 37.9 27.4 41.2
 249 31.6 24.4 36.6



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





#69

Atrazine

Concen: 37.384 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

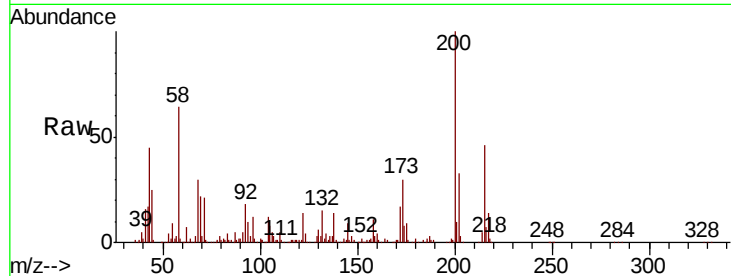
Tgt Ion:200 Resp: 263929

Ion Ratio Lower Upper

200 100

173 29.9 10.1 50.1

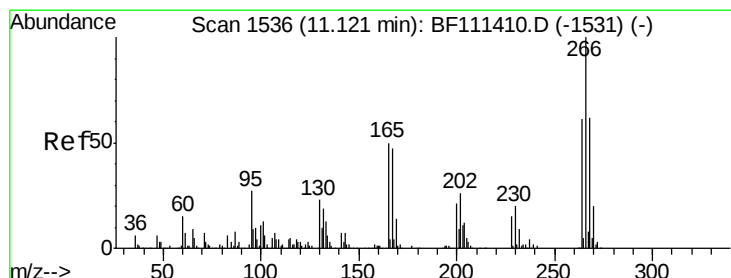
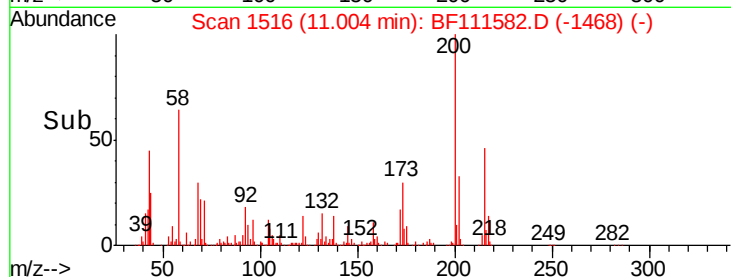
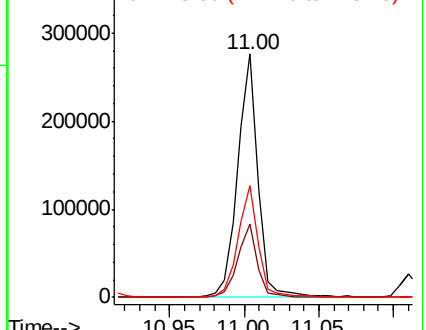
215 46.2 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.376 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

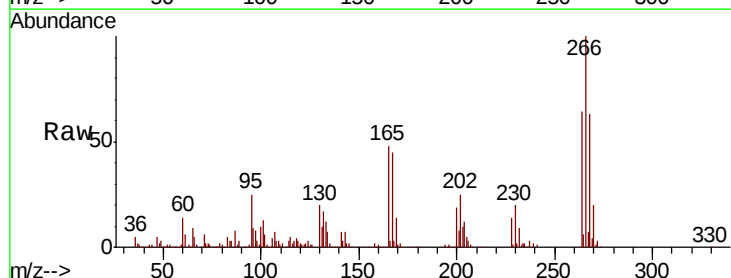
Tgt Ion:266 Resp: 165595

Ion Ratio Lower Upper

266 100

268 62.9 47.9 71.9

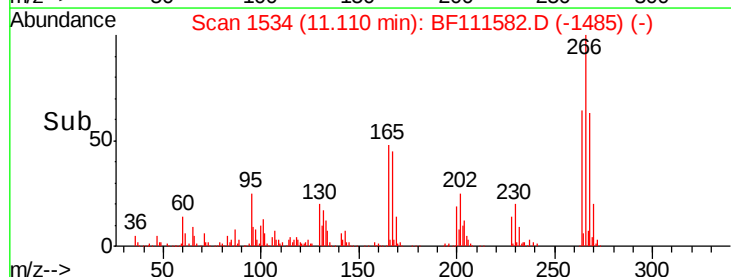
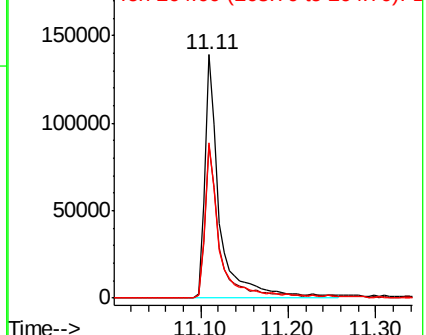
264 63.6 49.1 73.7

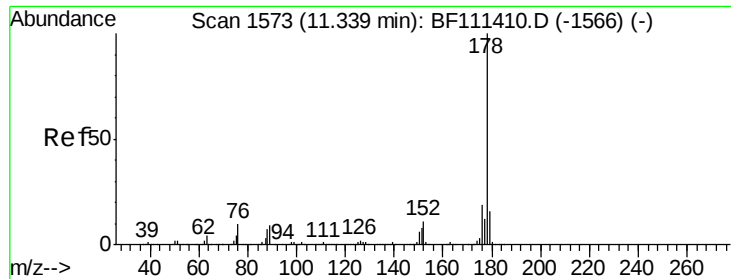


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

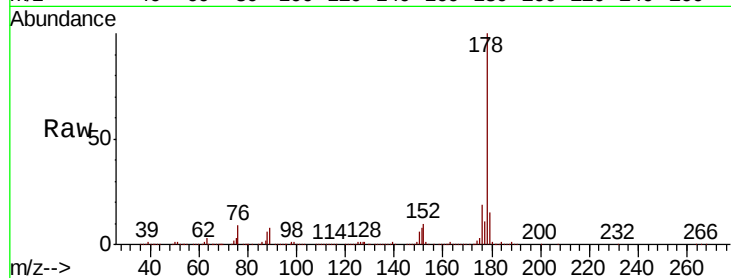




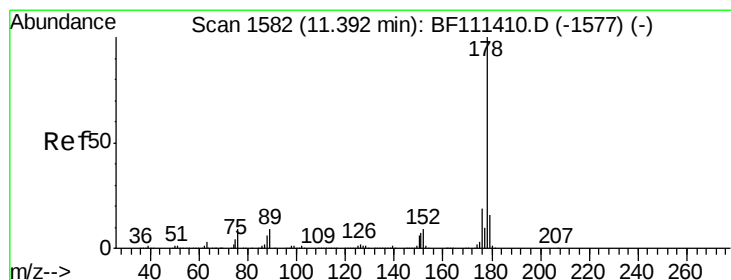
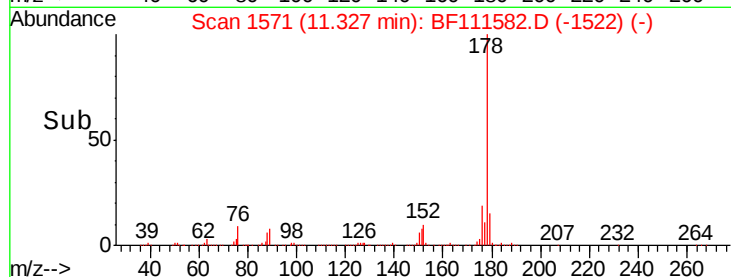
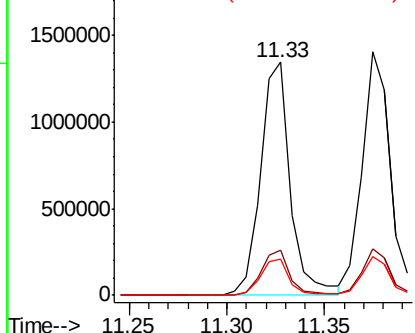
#71
Phenanthrene
Concen: 38.943 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1421493
Ion Ratio Lower Upper
178 100
176 19.2 18.1 27.1
179 15.4 14.0 21.0

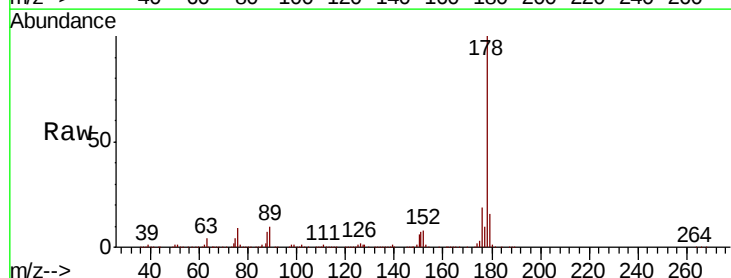


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

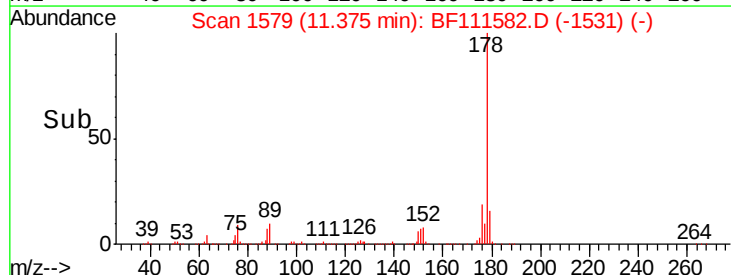
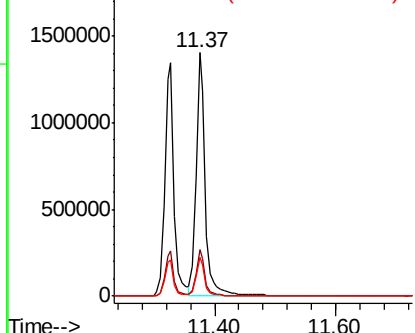


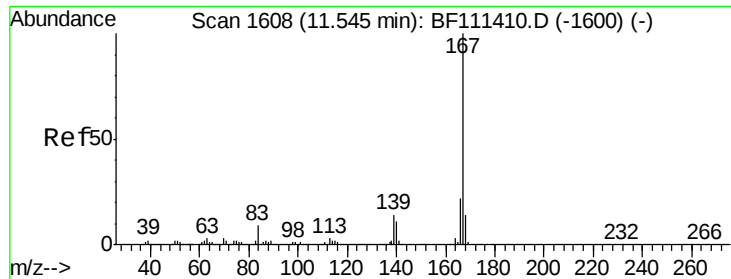
#72
Anthracene
Concen: 40.641 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:178 Resp: 1517126
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.8 13.8 20.8



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

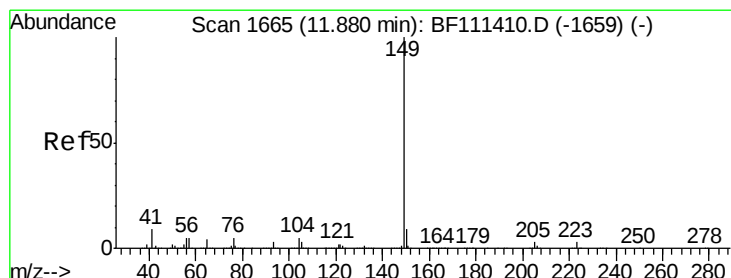
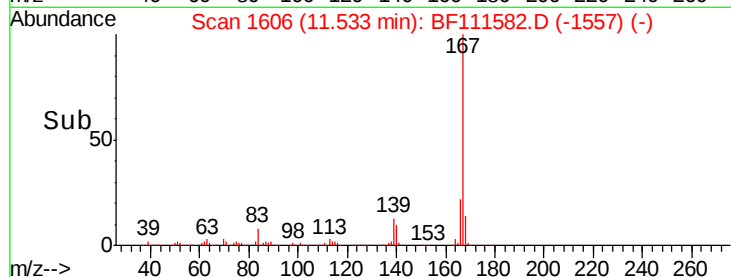
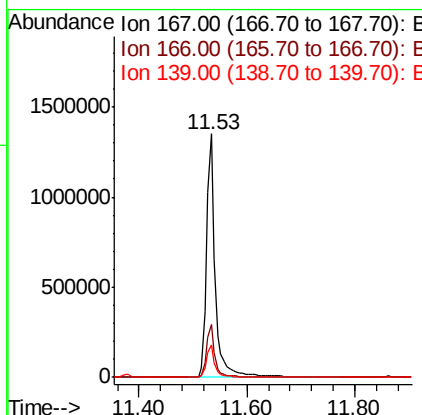
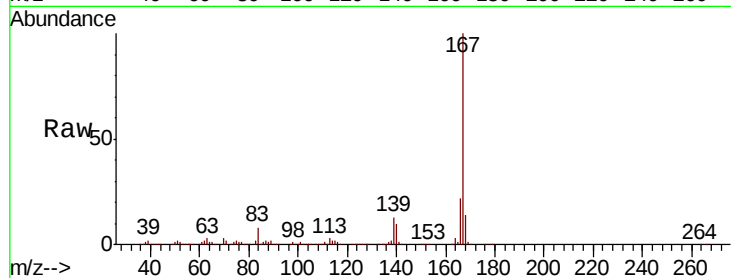




#73
 Carbazole
 Concen: 39.423 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

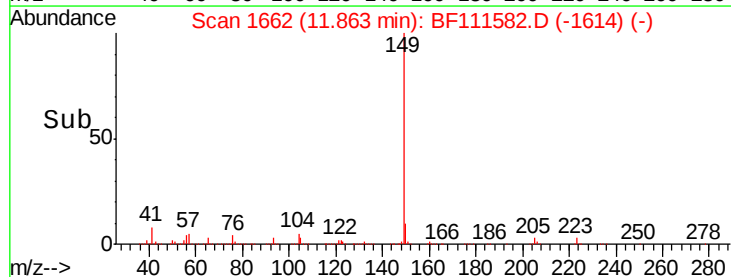
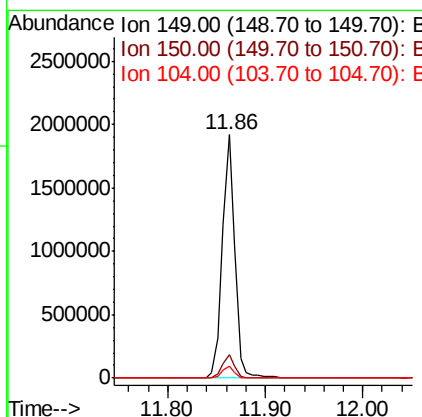
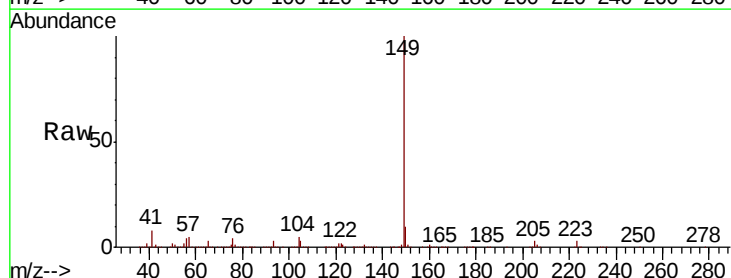
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

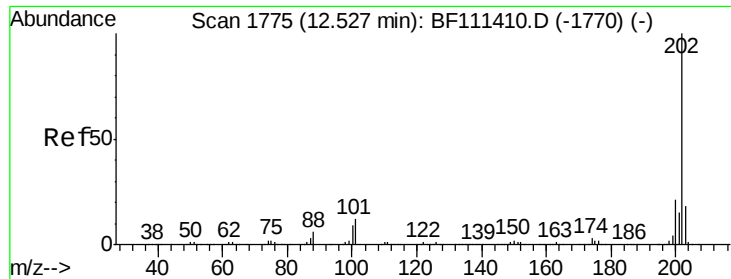
Tgt Ion:167 Resp: 1521832
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 13.3 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 39.902 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:149 Resp: 1715460
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.8 13.2
 104 4.7 4.5 6.7

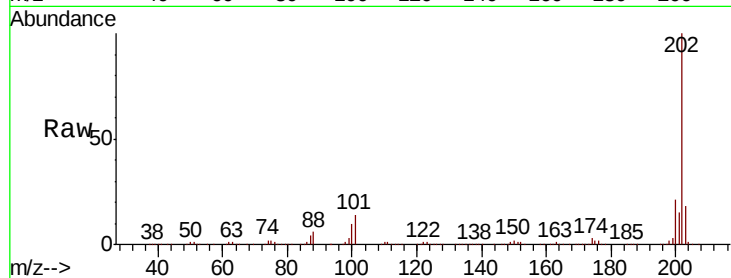




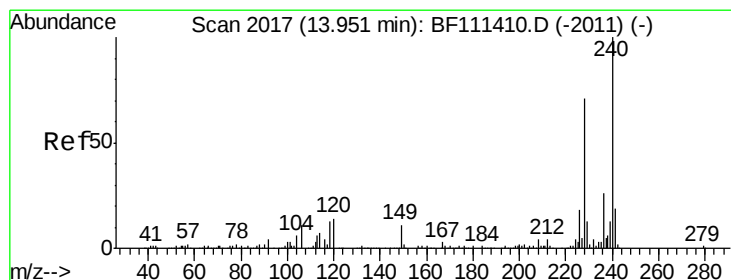
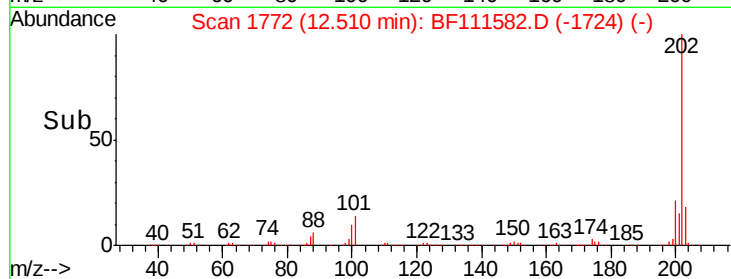
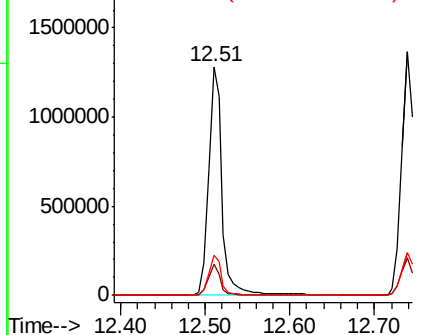
#75
 Fluoranthene
 Concen: 39.925 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1425704
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 33.8
 203 17.8 0.0 38.6

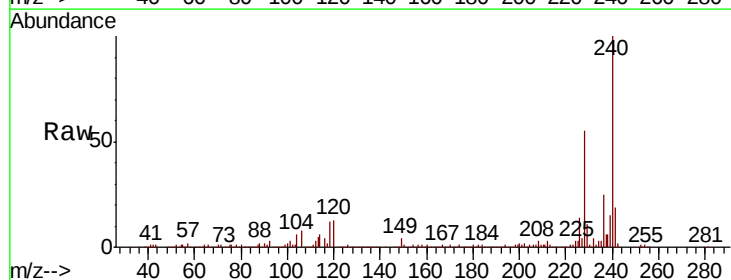


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

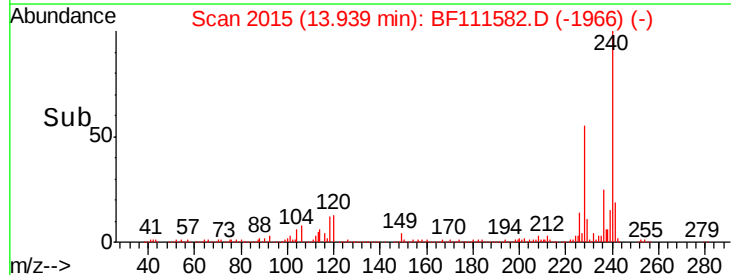
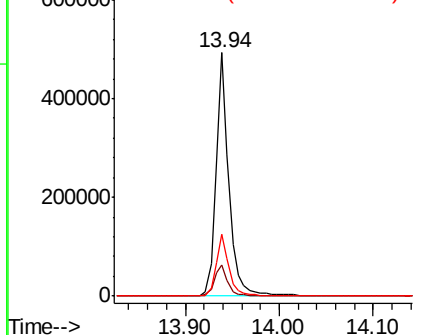


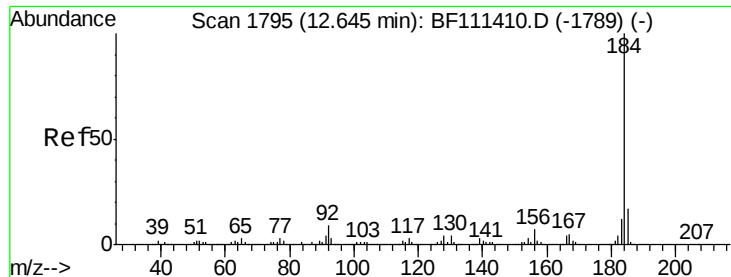
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion: 240 Resp: 479520
 Ion Ratio Lower Upper
 240 100
 120 12.8 12.2 18.2
 236 25.3 20.2 30.2



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: 27.169 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

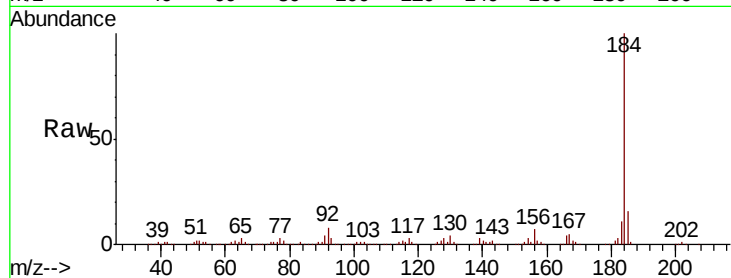
Tgt Ion:184 Resp: 478923

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

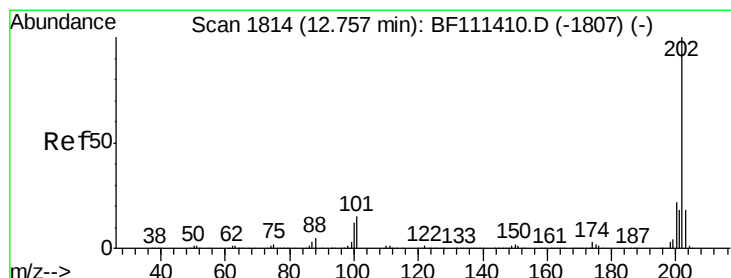
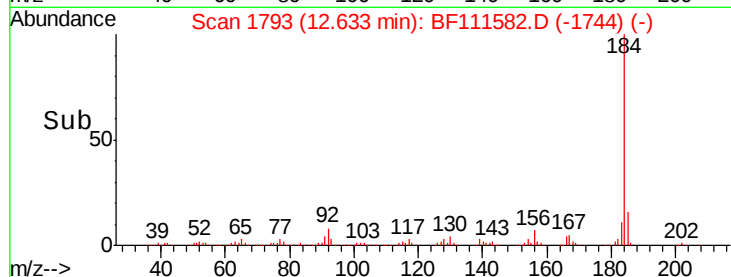
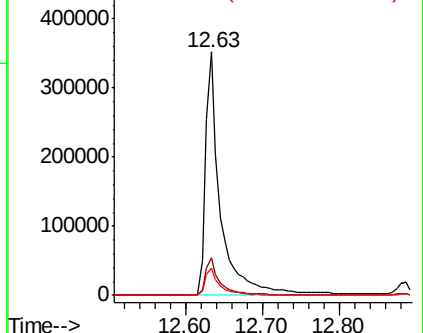
183 11.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.008 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

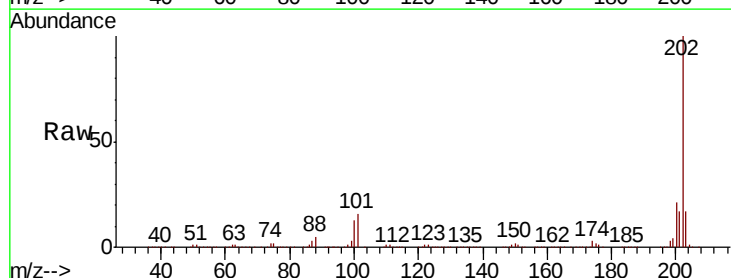
Tgt Ion:202 Resp: 1454009

Ion Ratio Lower Upper

202 100

200 20.9 19.0 28.4

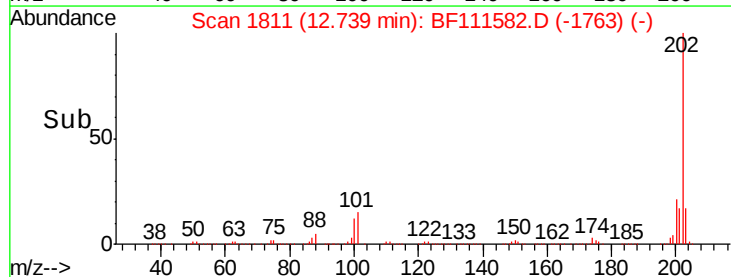
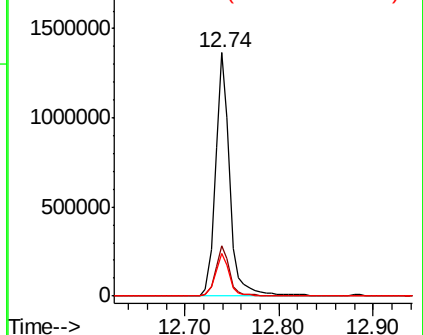
203 17.5 15.2 22.8

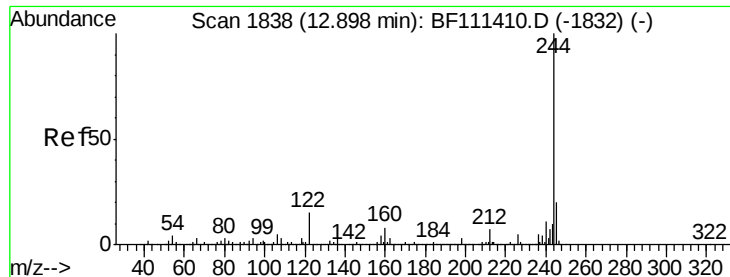


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.423 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

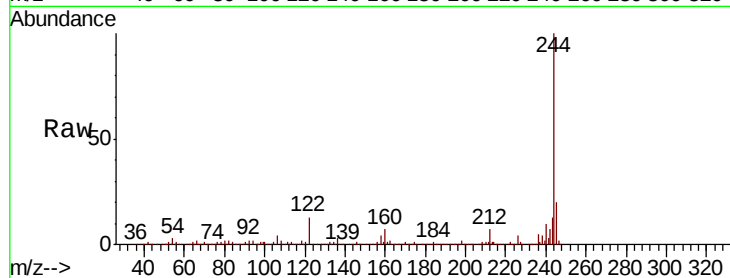
Tgt Ion:244 Resp: 1723957

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

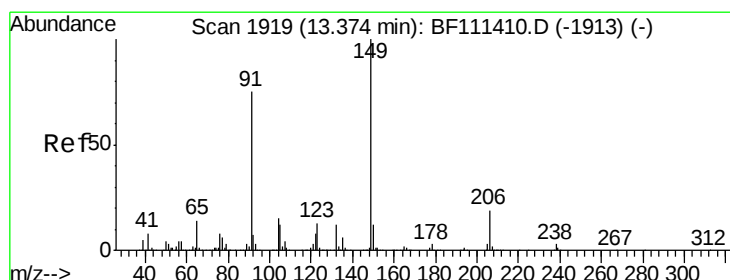
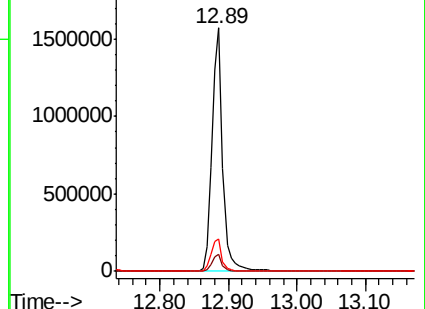
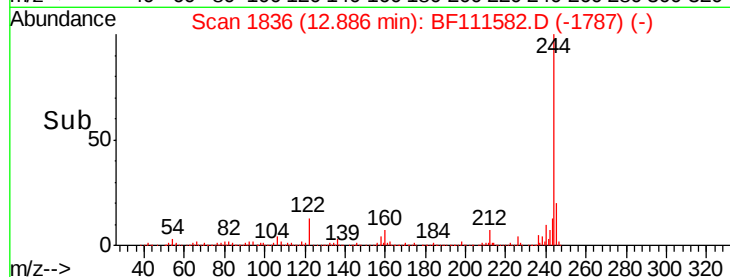
122 13.3 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.927 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

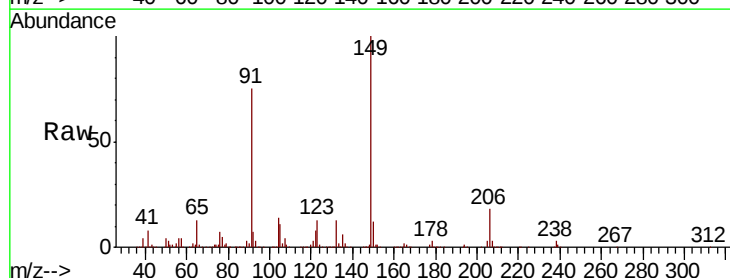
Tgt Ion:149 Resp: 690917

Ion Ratio Lower Upper

149 100

91 74.6 63.8 95.6

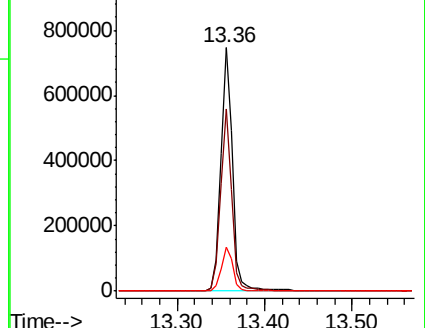
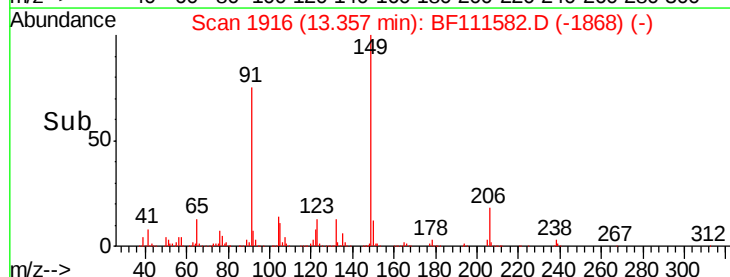
206 18.2 15.1 22.7

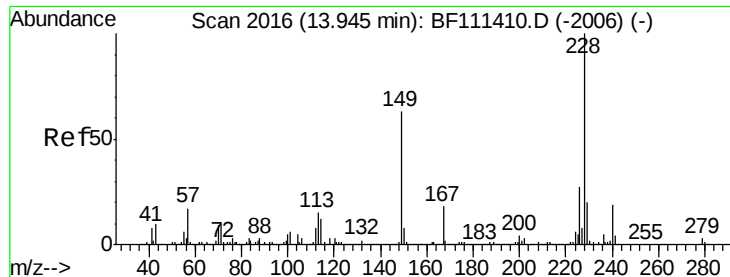


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.092 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

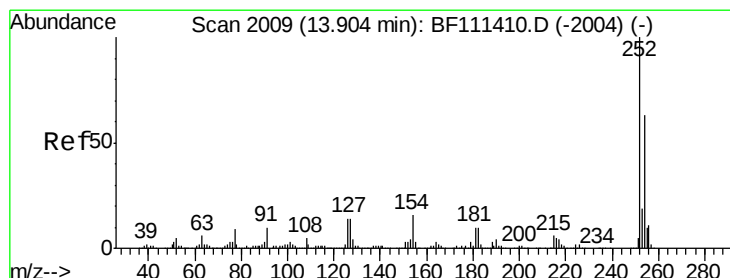
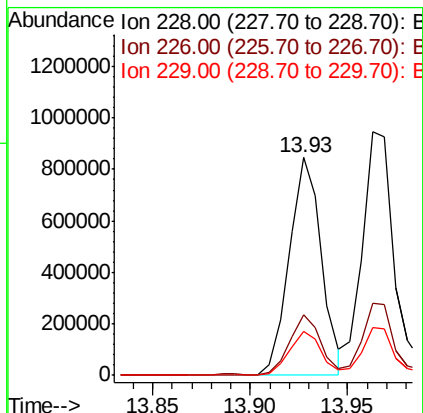
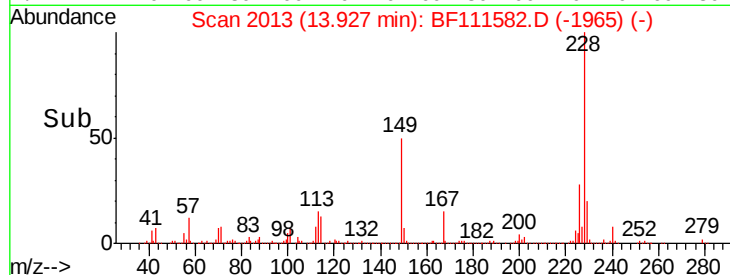
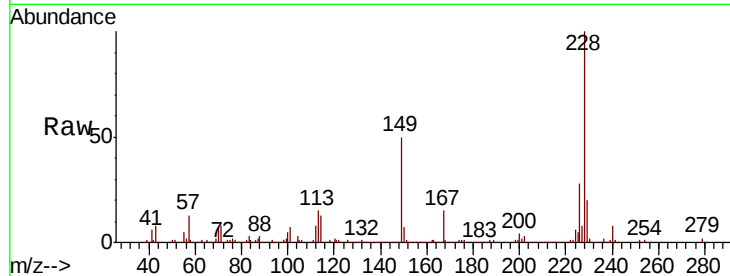
Tgt Ion:228 Resp: 967126

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 37.155 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

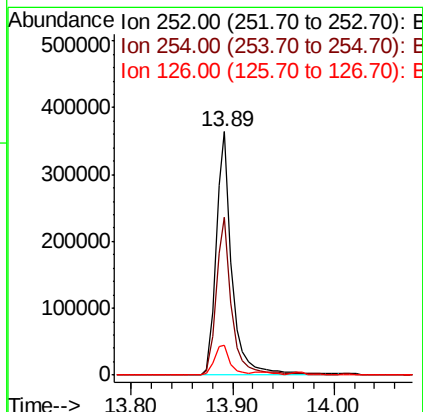
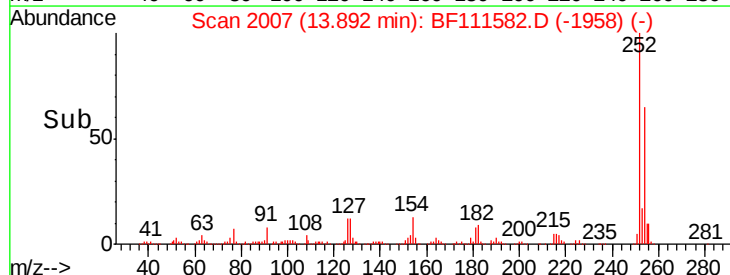
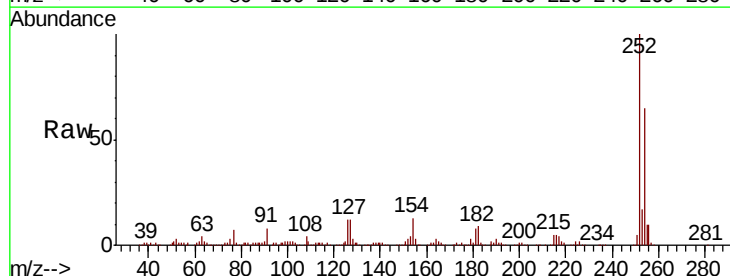
Tgt Ion:252 Resp: 393818

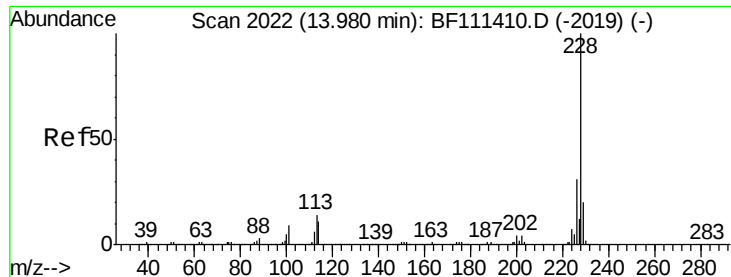
Ion Ratio Lower Upper

252 100

254 64.8 52.7 79.1

126 12.1 11.1 16.7





#83

Chrysene

Concen: 41.175 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

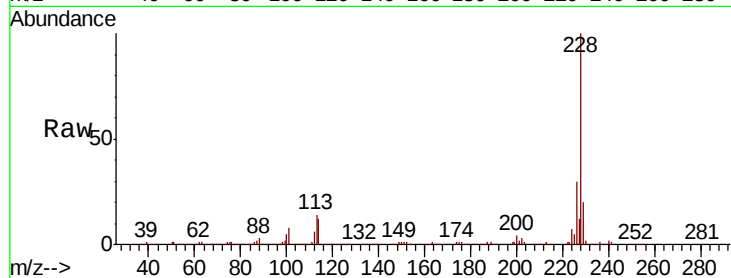
Tgt Ion:228 Resp: 1130938

Ion Ratio Lower Upper

228 100

226 29.5 25.3 37.9

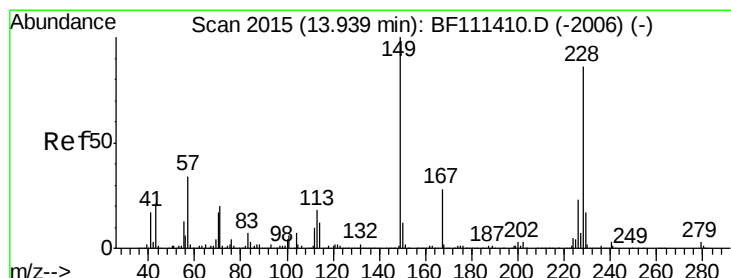
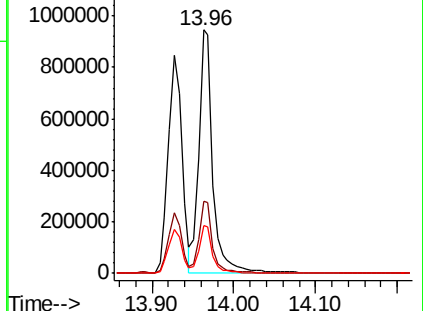
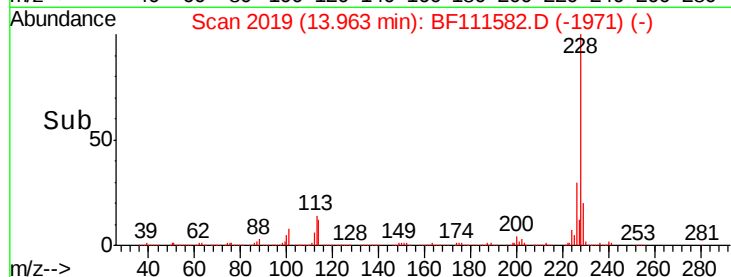
229 19.8 17.2 25.8



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: 42.459 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

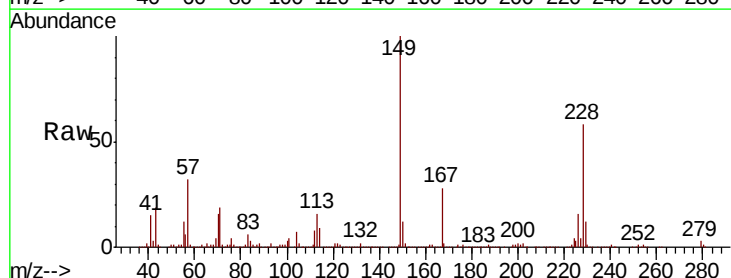
Tgt Ion:149 Resp: 893677

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

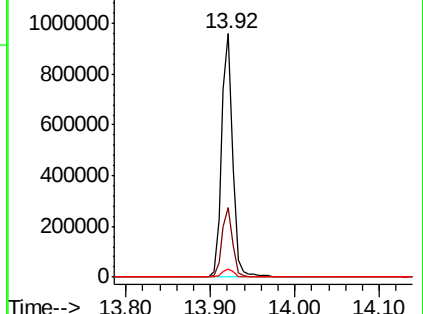
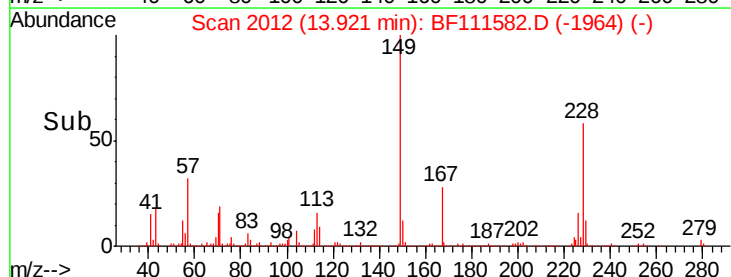
279 3.5 2.6 4.0

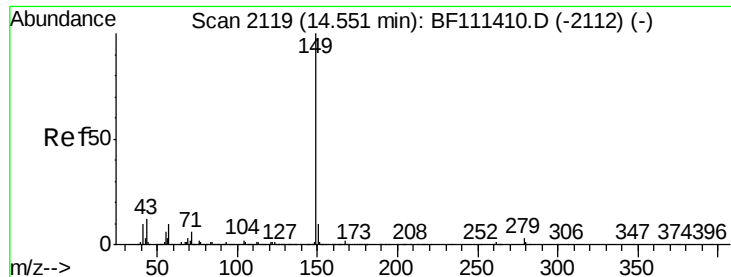


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.672 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

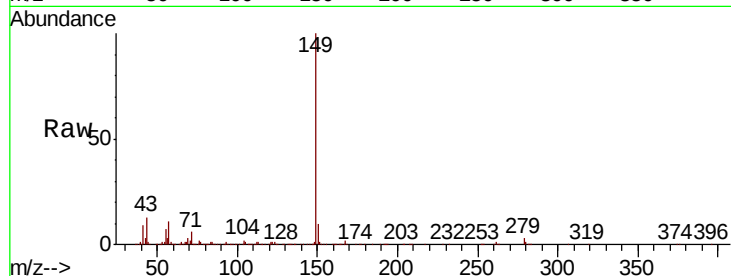
Tgt Ion:149 Resp: 1408450

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

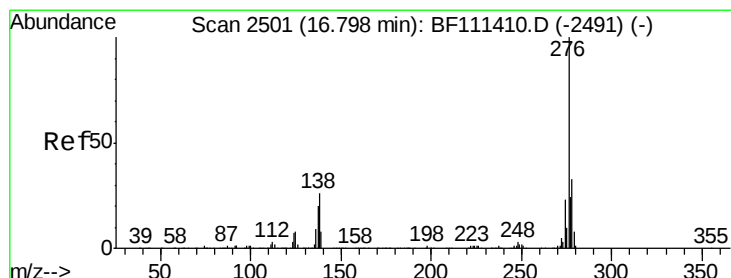
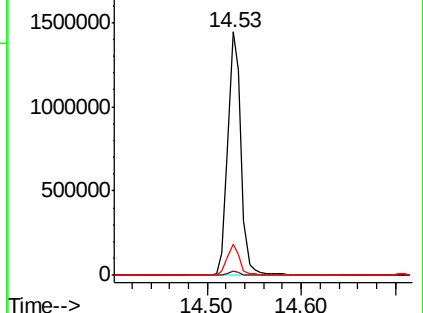
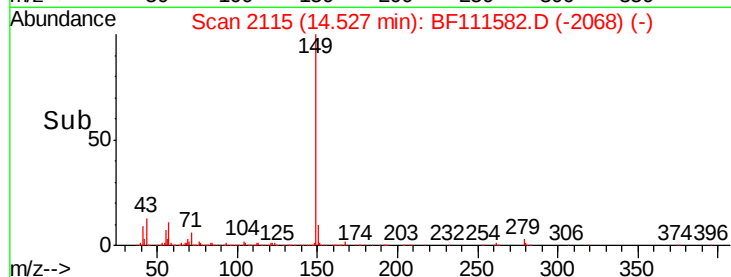
43 12.0 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.804 ng

RT: 16.78 min Scan# 2498

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

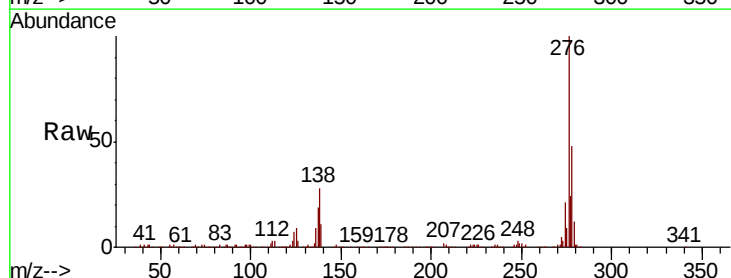
Tgt Ion:276 Resp: 689930

Ion Ratio Lower Upper

276 100

138 31.9 27.8 41.6

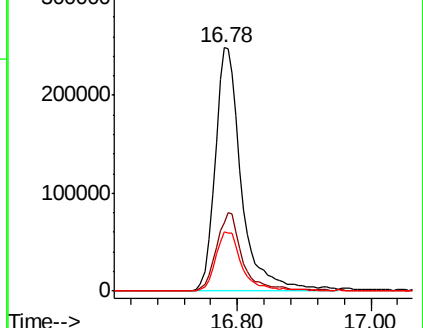
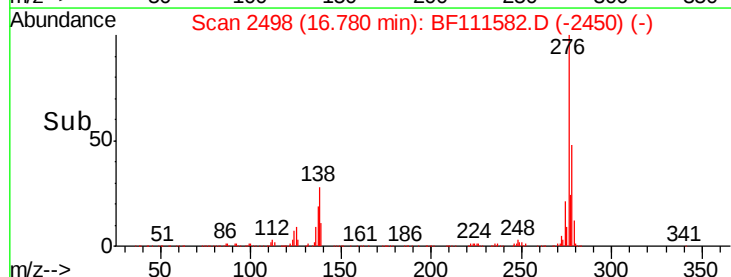
277 24.8 20.1 30.1

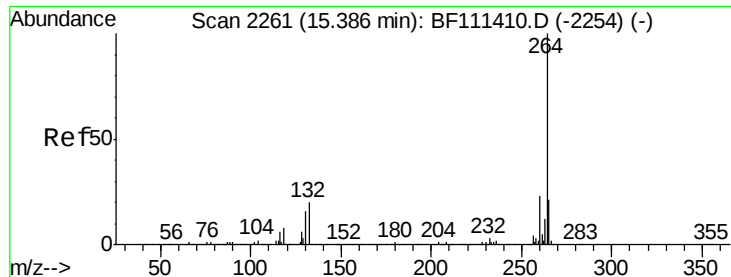


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

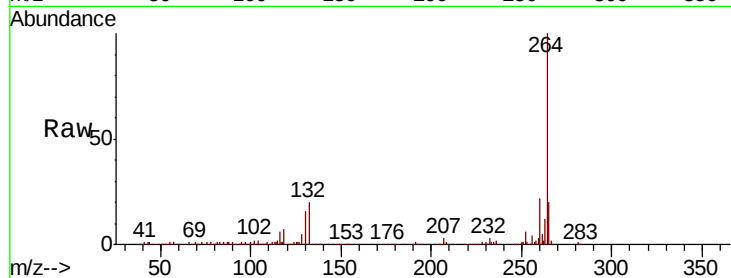
Tgt Ion:264 Resp: 309285

Ion Ratio Lower Upper

264 100

260 21.7 18.3 27.5

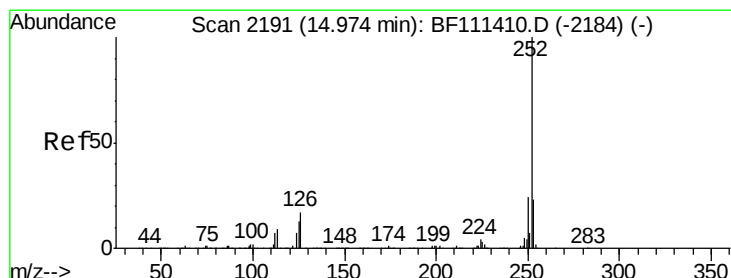
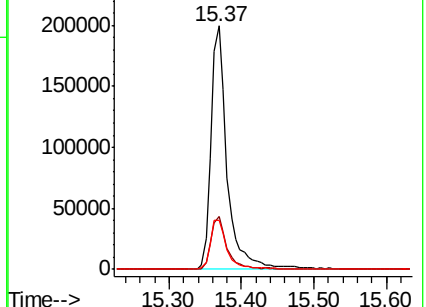
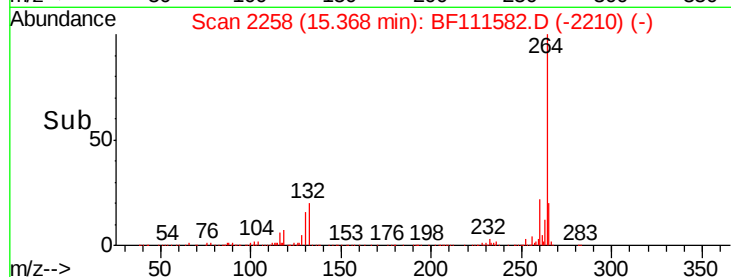
265 20.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.162 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

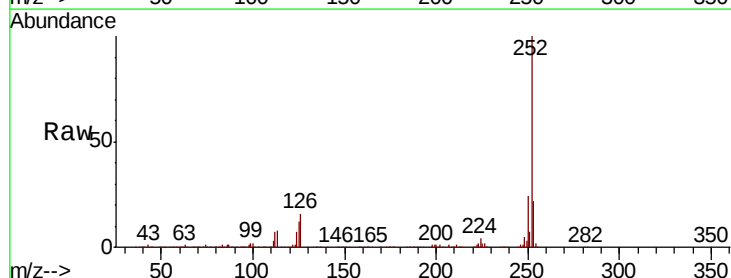
Tgt Ion:252 Resp: 634030

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

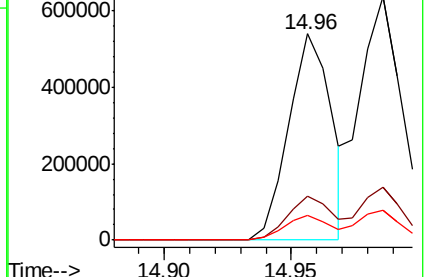
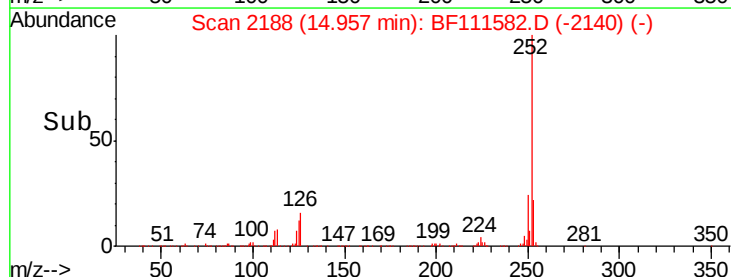
125 12.0 10.4 15.6

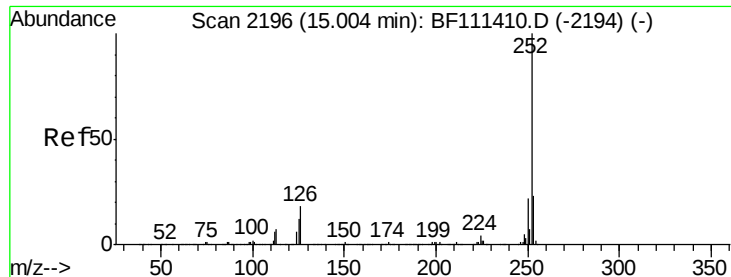


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

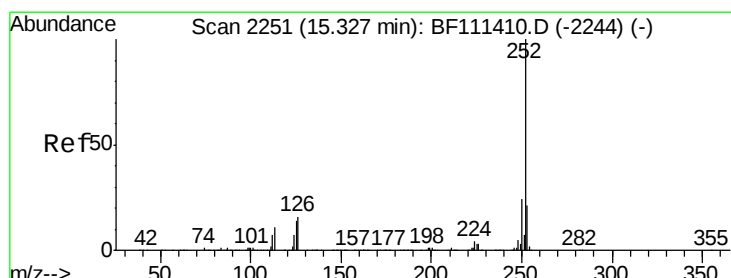
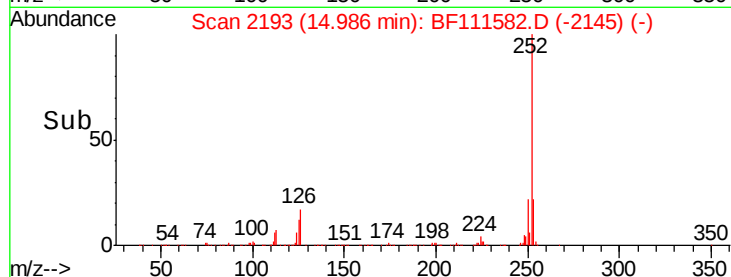
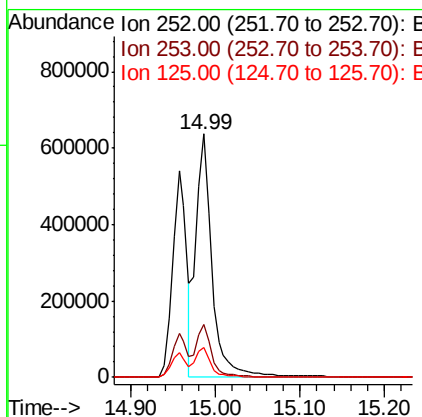
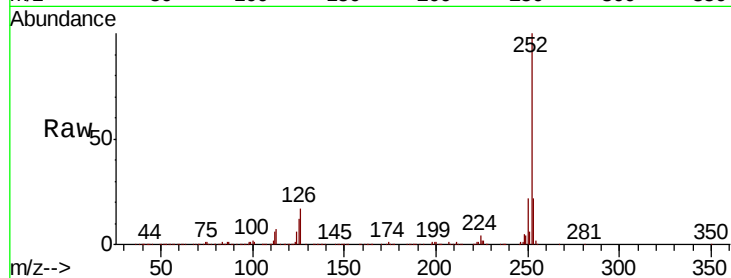




#89
Benzo(k)fluoranthene
Concen: 47.927 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

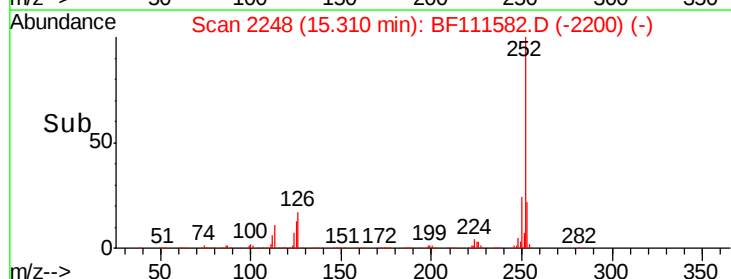
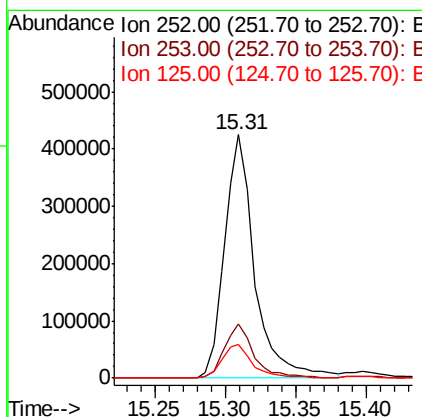
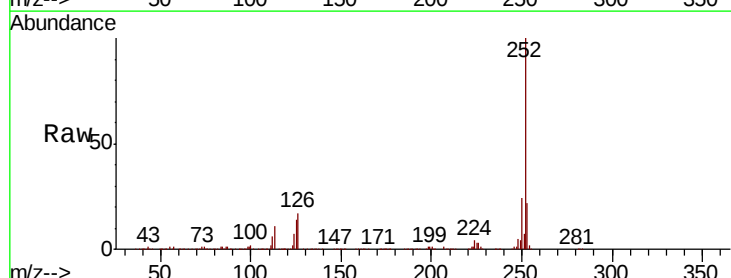
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

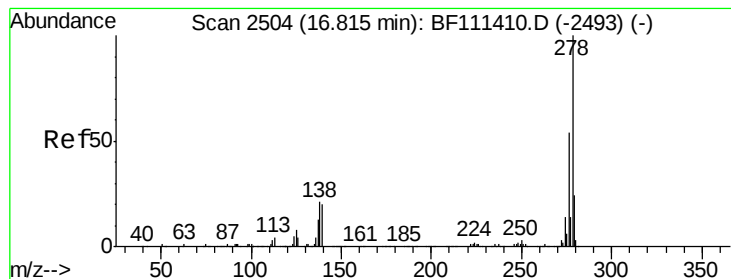
Tgt Ion:252 Resp: 825759
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.3 9.8 14.8



#90
Benzo(a)pyrene
Concen: 38.491 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:252 Resp: 625875
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.7 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 44.593 ng

RT: 16.80 min Scan# 2501

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

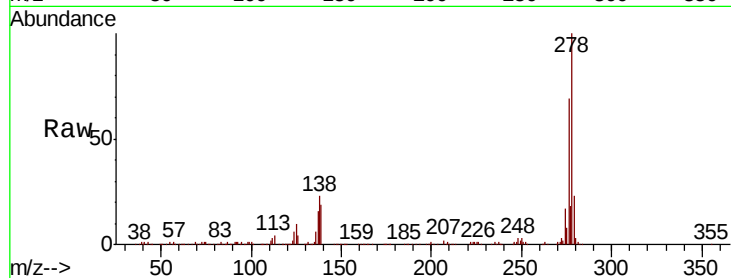
Tgt Ion:278 Resp: 571982

Ion Ratio Lower Upper

278 100

139 18.8 18.2 27.4

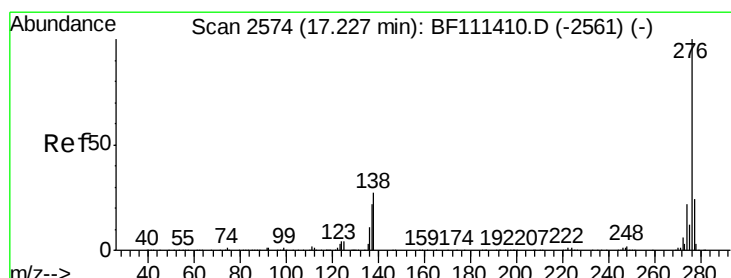
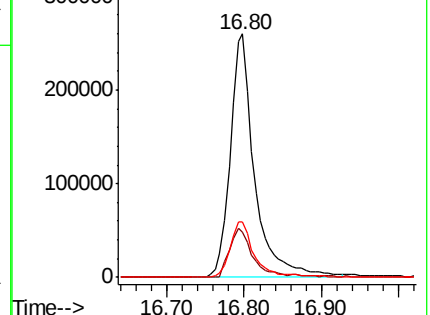
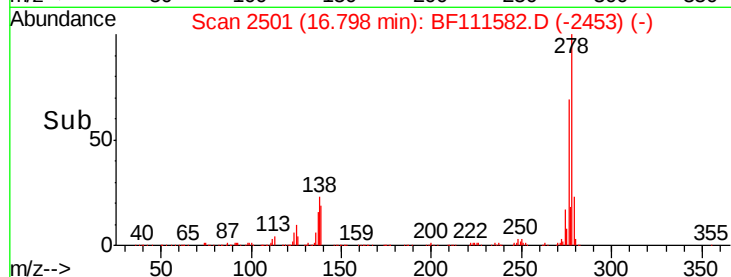
279 23.0 19.0 28.6



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: 47.311 ng

RT: 17.21 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

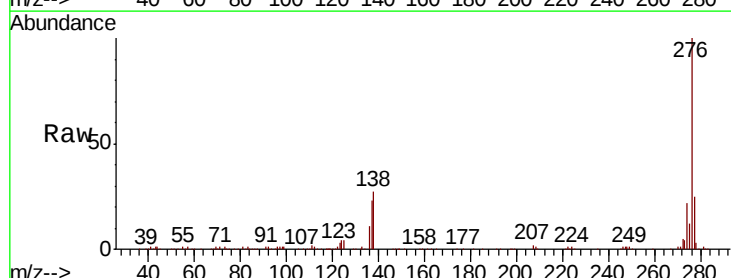
Tgt Ion:276 Resp: 595664

Ion Ratio Lower Upper

276 100

277 24.9 19.2 28.8

138 27.4 24.9 37.3



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

