

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111746.D
 Acq On : 27 Dec 2018 6:34
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 27 07:00:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111945	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	365054	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	164259	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	324308	20.00	ng	0.01
76) Chrysene-d12	14.07	240	225853	20.00	ng	0.02
87) Perylene-d12	15.55	264	178410	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	545835	83.11	ng	0.02
7) Phenol-d6	6.55	99	630220	75.40	ng	0.02
23) Nitrobenzene-d5	7.46	82	572890	91.35	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	166948	86.02	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1032665	91.64	ng	0.00
79) Terphenyl-d14	13.01	244	1147011	96.31	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	127278	41.191	ng	95
3) Pyridine	3.45	79	283869	35.263	ng	97
4) n-Nitrosodimethylamine	3.39	42	159861	40.577	ng	83
6) Aniline	6.57	93	389660	36.574	ng	99
8) 2-Chlorophenol	6.70	128	286493	39.380	ng	96
9) Benzaldehyde	6.45	77	218041	37.931	ng	95
10) Phenol	6.56	94	340271	36.082	ng	77
11) bis(2-Chloroethyl)ether	6.63	93	280377	39.675	ng	97
12) 1,3-Dichlorobenzene	6.85	146	345503	40.980	ng	98
13) 1,4-Dichlorobenzene	6.92	146	352077	41.176	ng	98
14) 1,2-Dichlorobenzene	7.08	146	322698	40.451	ng	96
15) Benzyl Alcohol	7.05	79	235331	35.452	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	468090	35.965	ng	98
17) 2-Methylphenol	7.16	107	208595	35.808	ng	# 93
18) Hexachloroethane	7.42	117	72399	25.127	ng	# 87
19) n-Nitroso-di-n-propylamine	7.32	70	204857	36.906	ng	99
20) 3+4-Methylphenols	7.32	107	268776	36.515	ng	# 87
22) Acetophenone	7.31	105	390112	42.182	ng	# 93
24) Nitrobenzene	7.49	77	287417	43.726	ng	96
25) Isophorone	7.72	82	448695	40.300	ng	99
26) 2-Nitrophenol	7.80	139	79060	29.656	ng	# 89
27) 2,4-Dimethylphenol	7.84	122	200027	38.063	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	303973	41.028	ng	98
29) 2,4-Dichlorophenol	8.05	162	218973	38.740	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	259071	41.130	ng	98
31) Naphthalene	8.21	128	712975	40.648	ng	96
32) Benzoic acid	7.96	122	36432	10.485	ng	85
33) 4-Chloroaniline	8.26	127	293723	38.743	ng	98
34) Hexachlorobutadiene	8.33	225	168150	43.802	ng	98
35) Caprolactam	8.62	113	68573	35.802	ng	# 89
36) 4-Chloro-3-methylphenol	8.74	107	203466	36.619	ng	99
37) 2-Methylnaphthalene	8.90	142	437629	38.349	ng	98
38) 1-Methylnaphthalene	9.00	142	425975	38.866	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	240691	44.593	ng	# 97

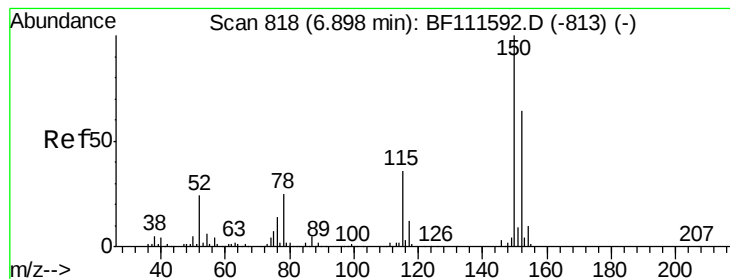
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111746.D
 Acq On : 27 Dec 2018 6:34
 Operator : JU/SJ
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.18	196	147220	40.853	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	153439	41.504	ng	94
46) 1,1'-Biphenyl	9.36	154	604952	43.629	ng	94
47) 2-Chloronaphthalene	9.39	162	462195	42.072	ng	96
48) 2-Nitroaniline	9.48	65	146647	51.312	ng	91
49) Acenaphthylene	9.80	152	668343	41.667	ng	95
50) Dimethylphthalate	9.66	163	530646	44.177	ng	97
51) 2,6-Dinitrotoluene	9.72	165	84453	35.260	ng	91
52) Acenaphthene	9.97	154	400271	40.461	ng	98
53) 3-Nitroaniline	9.89	138	142014	55.596	ng	100
54) 2,4-Dinitrophenol	9.99	184	912	8.385	ng	# 1
55) Dibenzofuran	10.15	168	630843	42.208	ng	96
56) 4-Nitrophenol	10.06	139	71928	36.897	ng	93
57) 2,4-Dinitrotoluene	10.12	165	97536	33.883	ng	93
58) Fluorene	10.49	166	448222	41.618	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	121932	39.191	ng	91
60) Diethylphthalate	10.36	149	515341	43.737	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	252002	42.351	ng	95
62) 4-Nitroaniline	10.50	138	142639	57.453	ng	85
63) Azobenzene	10.64	77	474703	40.130	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	2533	8.319	ng	84
66) n-Nitrosodiphenylamine	10.60	169	436627	40.108	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	159446	39.639	ng	96
68) Hexachlorobenzene	11.05	284	180506	40.247	ng	# 93
69) Atrazine	11.12	200	116058	30.687	ng	95
70) Pentachlorophenol	11.23	266	78957	28.477	ng	95
71) Phenanthrene	11.45	178	706746	41.092	ng	95
72) Anthracene	11.50	178	718308	41.608	ng	95
73) Carbazole	11.66	167	706905	42.177	ng	95
74) Di-n-butylphthalate	11.99	149	816685	43.459	ng	96
75) Fluoranthene	12.64	202	716584	41.144	ng	93
77) Benzidine	12.76	184	328047	38.599	ng	99
78) Pyrene	12.87	202	722538	45.302	ng	95
80) Butylbenzylphthalate	13.48	149	325591	50.081	ng	94
81) Benzo(a)anthracene	14.06	228	531991	41.274	ng	97
82) 3,3'-Dichlorobenzidine	14.02	252	212709	41.768	ng	# 97
83) Chrysene	14.09	228	503393	39.737	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	440209	53.755	ng	# 98
85) Di-n-octyl phthalate	14.66	149	635102	50.056	ng	96
86) Indeno(1,2,3-cd)pyrene	17.06	276	406185	37.717	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	443339	42.518	ng	# 95
89) Benzo(k)fluoranthene	15.14	252	385716	38.856	ng	# 96
90) Benzo(a)pyrene	15.49	252	381753	40.299	ng	# 93
91) Dibenzo(a,h)anthracene	17.07	278	346983	41.829	ng	# 91
92) Benzo(g,h,i)perylene	17.51	276	315013	38.890	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

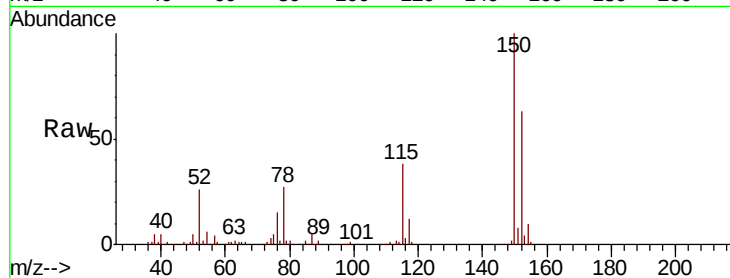
Tot Ion:152 Resp: 111945

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

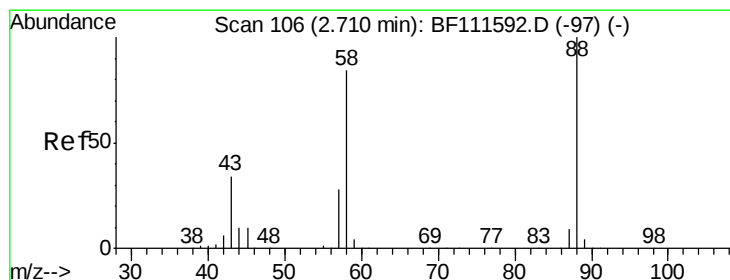
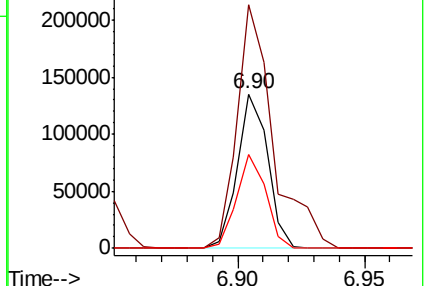
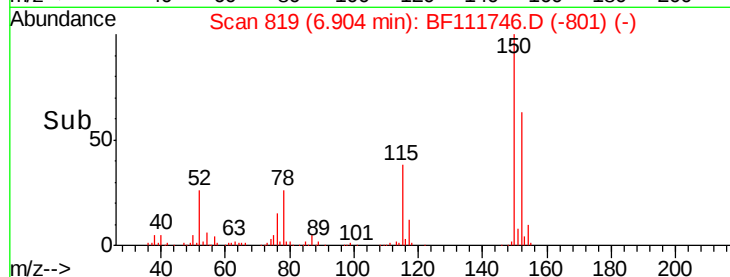
115 60.5 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.191 ng

RT: 2.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

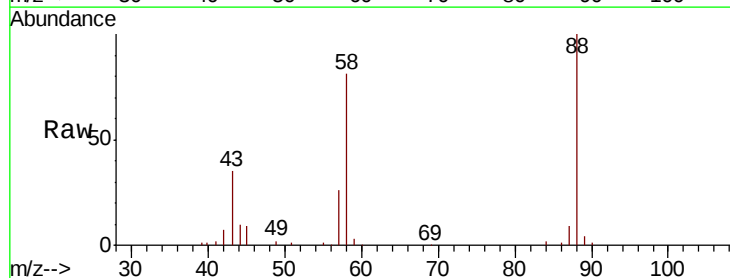
Tgt Ion: 88 Resp: 127278

Ion Ratio Lower Upper

88 100

58 82.5 68.9 103.3

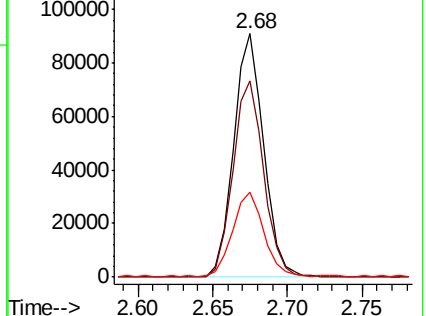
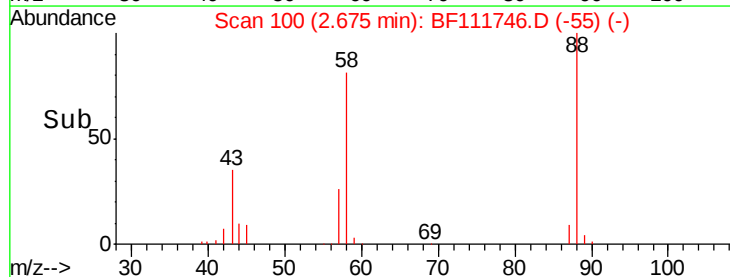
43 37.0 25.8 38.6

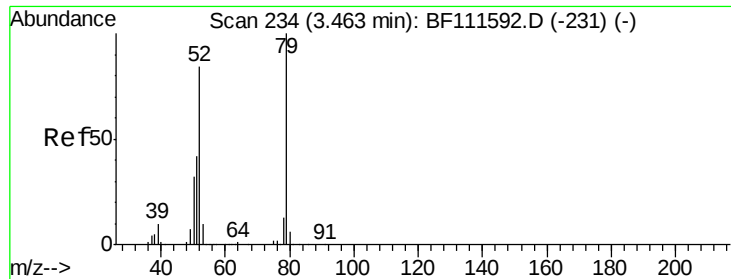


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.263 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

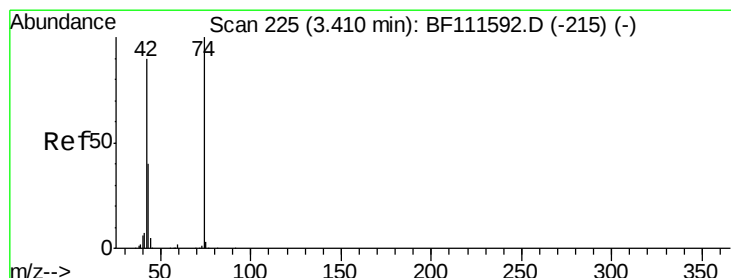
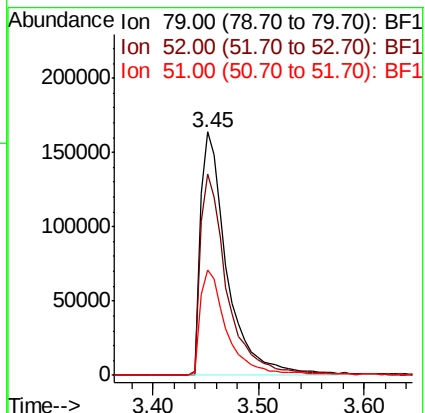
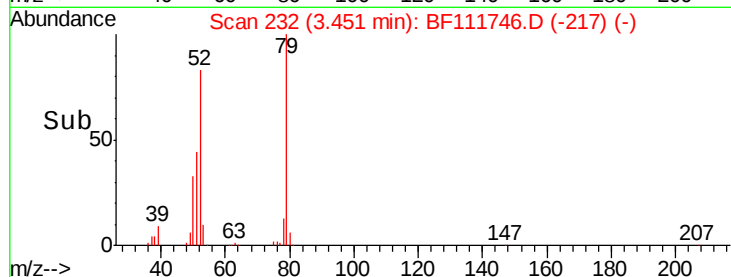
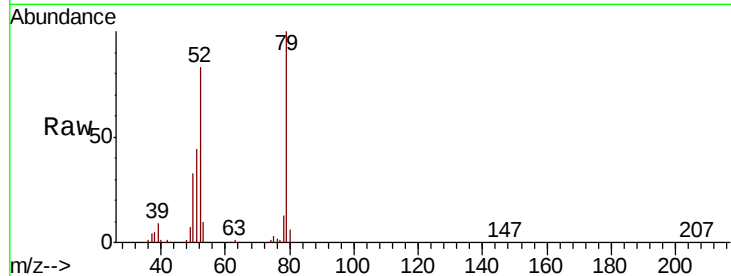
Tot Ion: 79 Resp: 283869

Ion Ratio Lower Upper

79 100

52 82.7 68.3 102.5

51 43.5 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 40.577 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

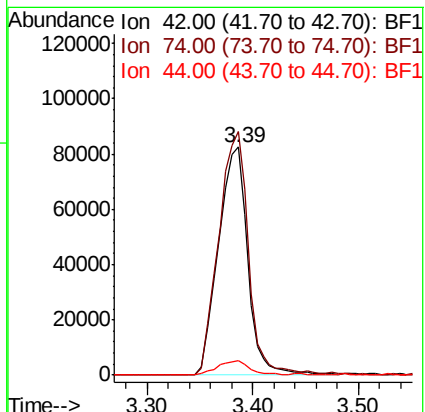
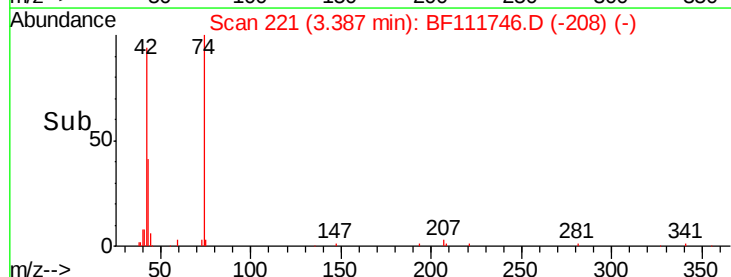
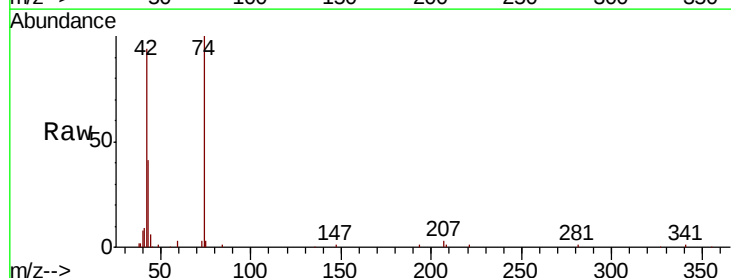
Tgt Ion: 42 Resp: 159861

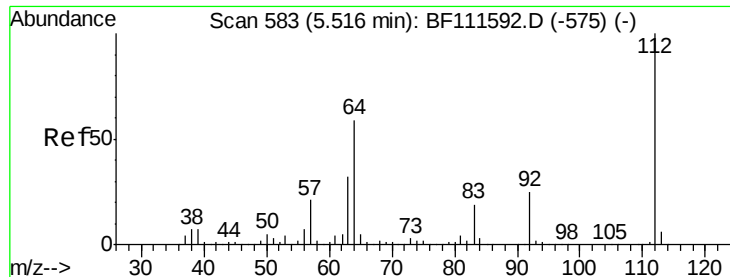
Ion Ratio Lower Upper

42 100

74 106.8 101.5 152.3

44 6.3 6.0 9.0





#5

2-Fluorophenol

Concen: 83.112 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

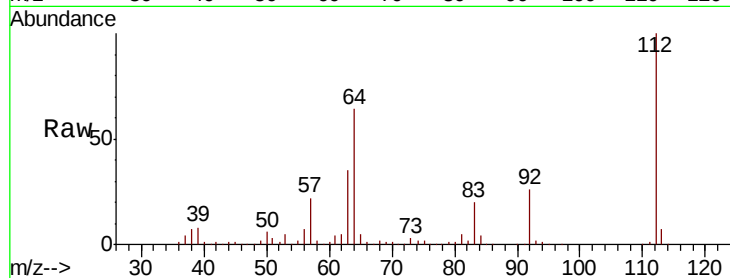
Tot Ion: 112 Resp: 545835

Ion Ratio Lower Upper

112 100

64 63.6 51.8 77.6

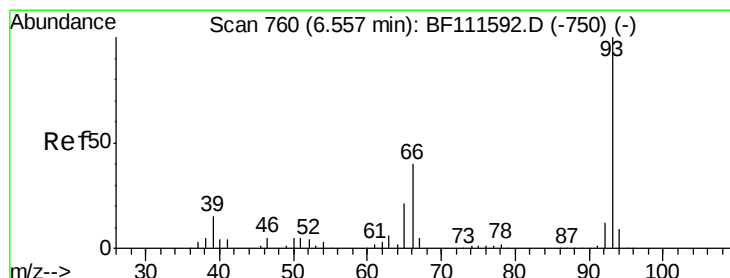
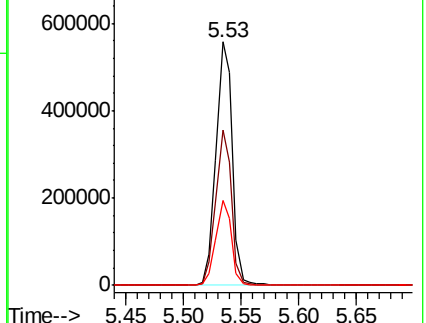
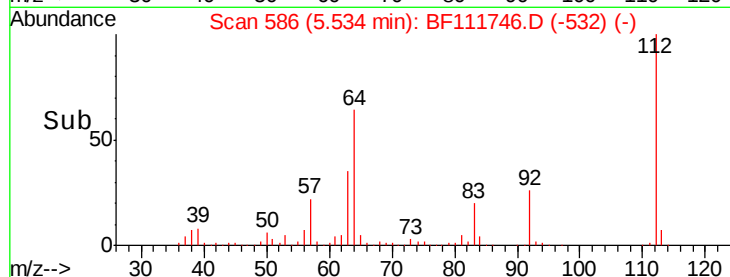
63 35.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.574 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

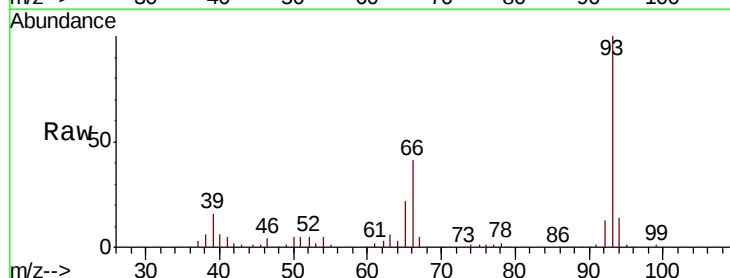
Tgt Ion: 93 Resp: 389660

Ion Ratio Lower Upper

93 100

66 41.2 33.2 49.8

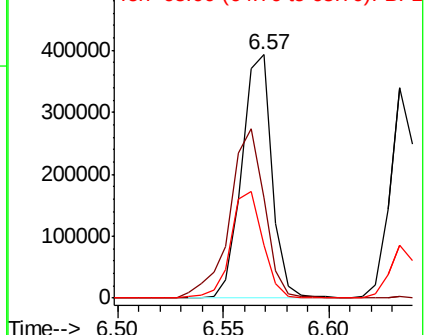
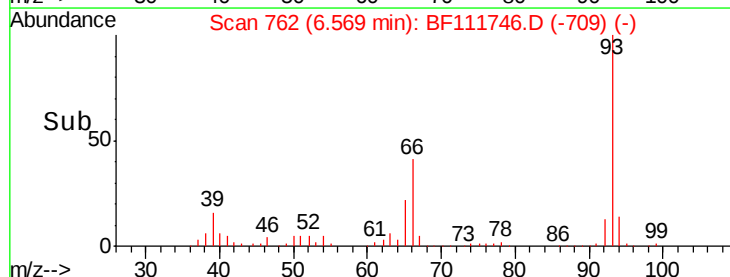
65 21.5 17.0 25.4

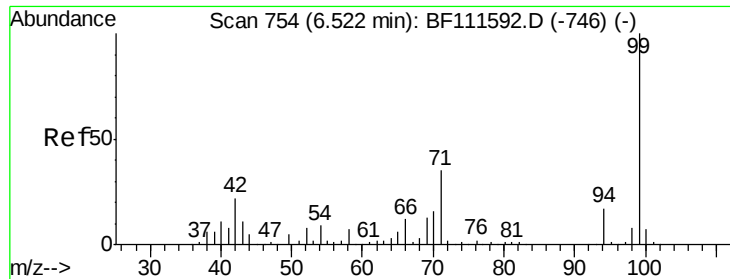


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.402 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

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ClientSampleId :

SSTDCCC040

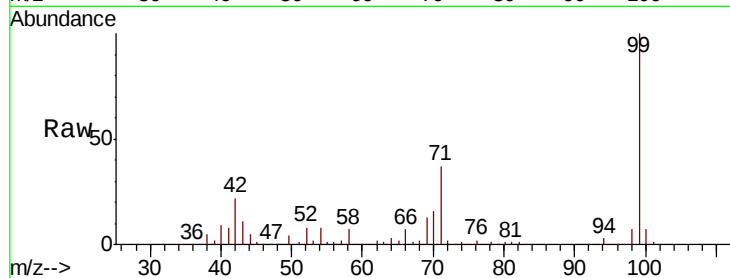
Tot Ion: 99 Resp: 630220

Ion Ratio Lower Upper

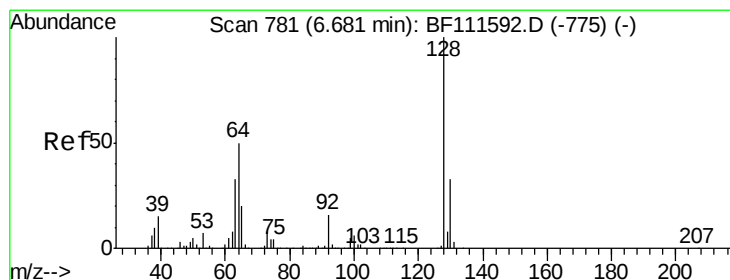
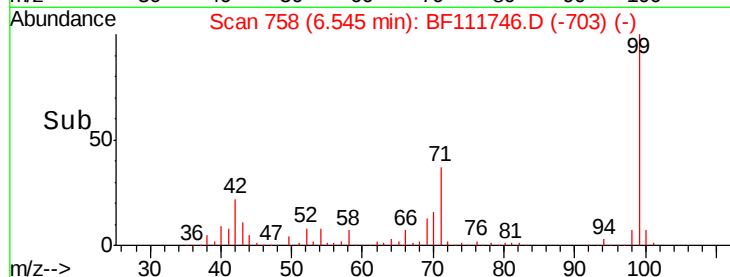
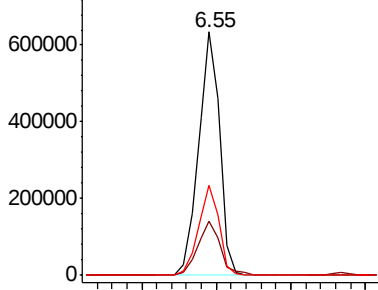
99 100

42 22.3 17.4 26.0

71 36.9 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: 39.380 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

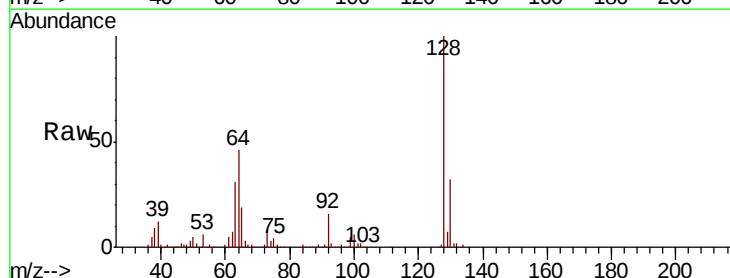
Tgt Ion: 128 Resp: 286493

Ion Ratio Lower Upper

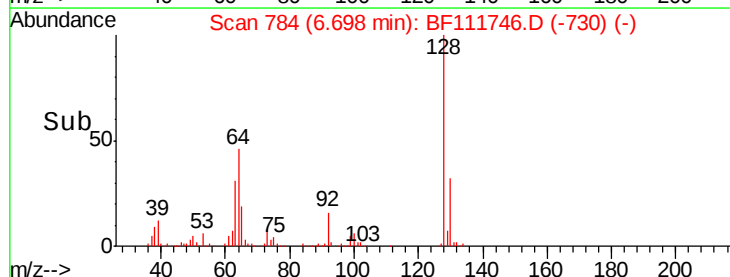
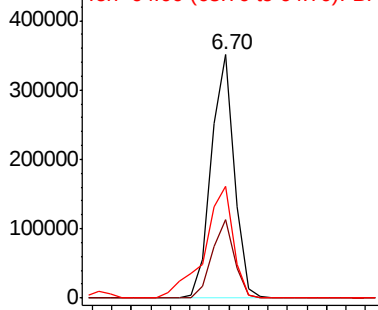
128 100

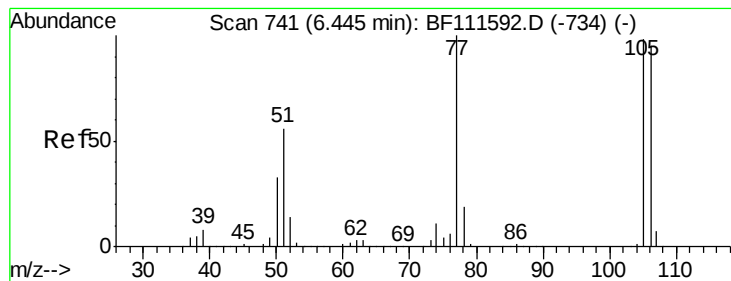
130 32.4 12.7 52.7

64 46.2 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: 37.931 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

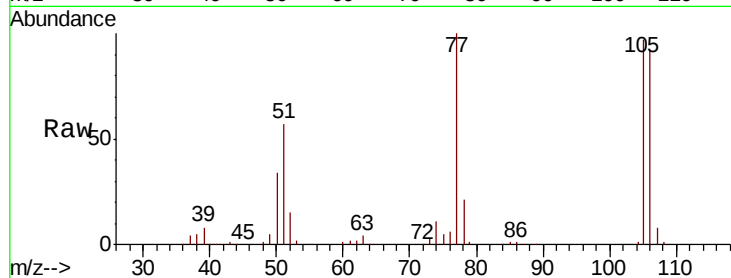
Tot Ion: 77 Resp: 218041

Ion Ratio Lower Upper

77 100

105 96.6 81.4 121.4

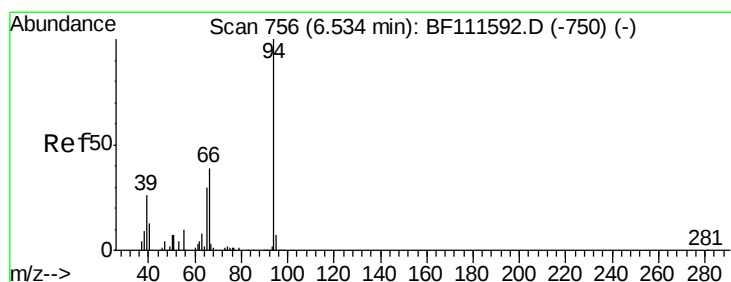
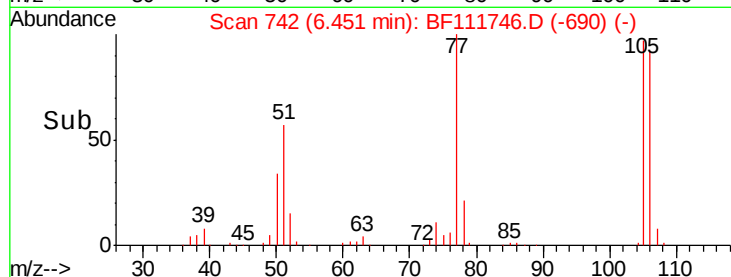
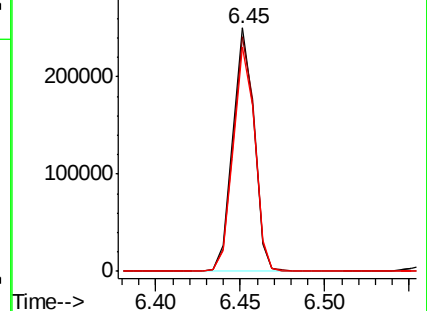
106 92.0 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.082 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

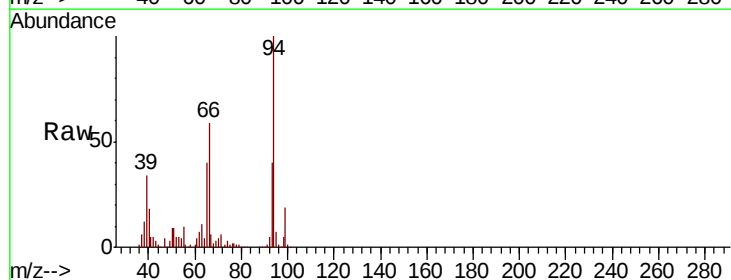
Tgt Ion: 94 Resp: 340271

Ion Ratio Lower Upper

94 100

65 40.0 11.7 51.7

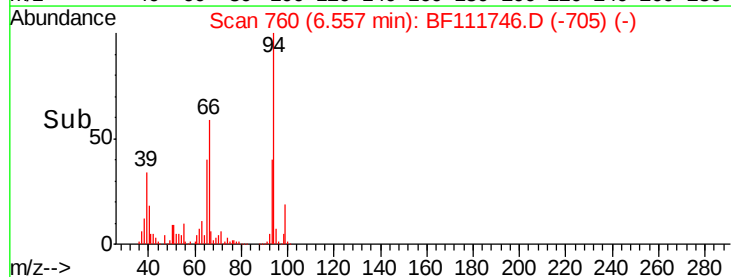
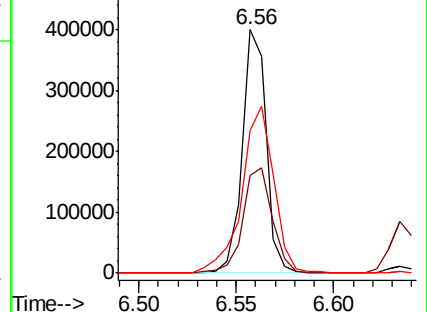
66 58.7 21.0 61.0



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

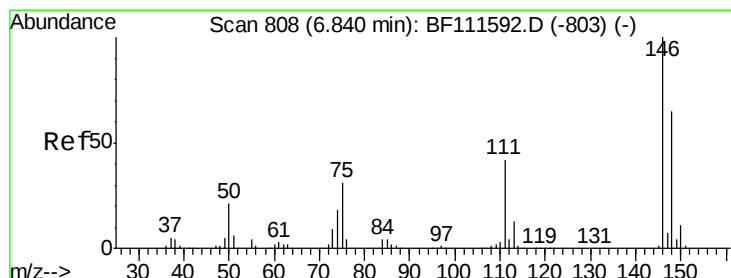
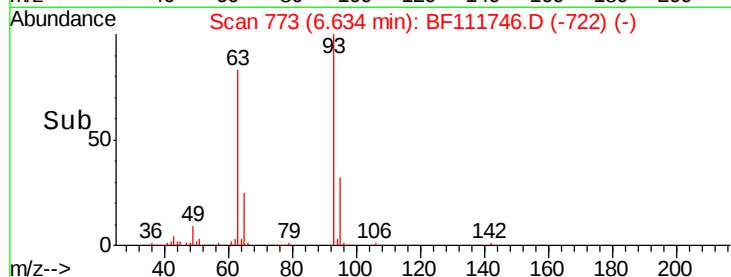
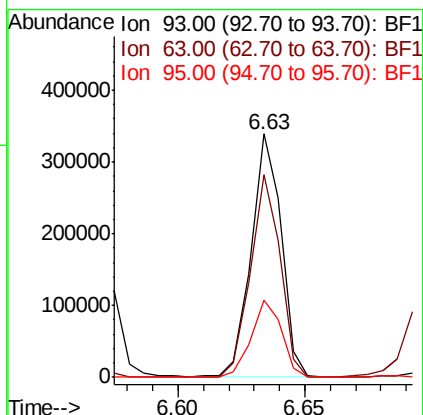
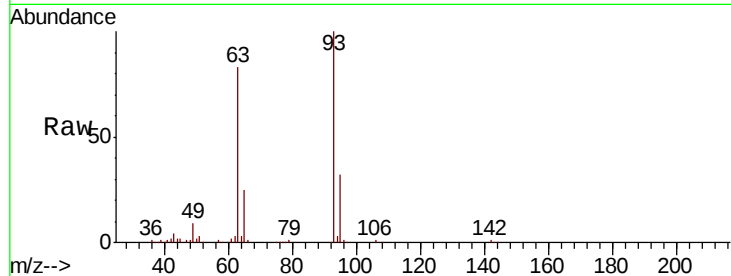




#11
bis(2-Chloroethyl)ether
Concen: 39.675 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

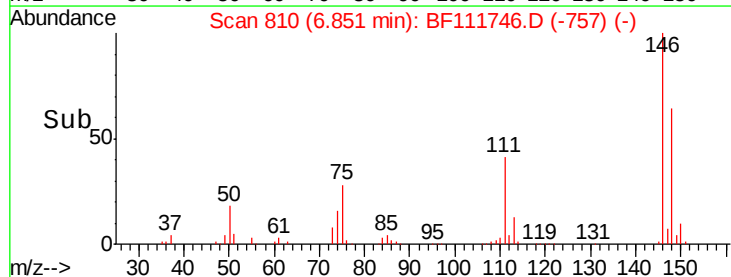
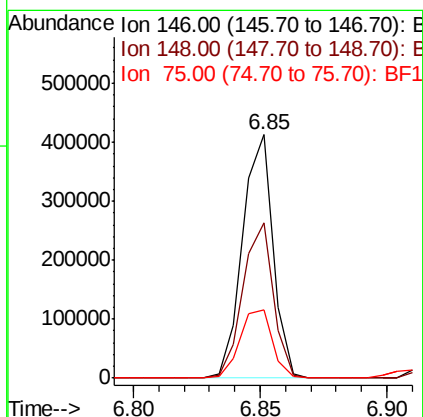
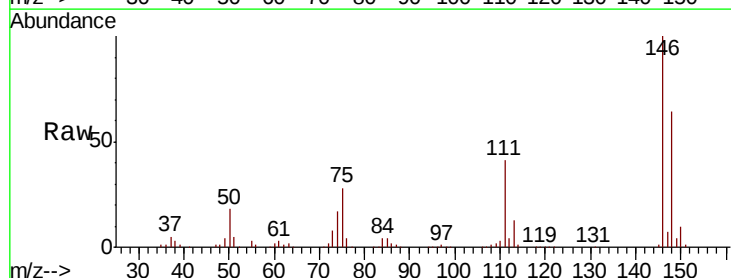
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

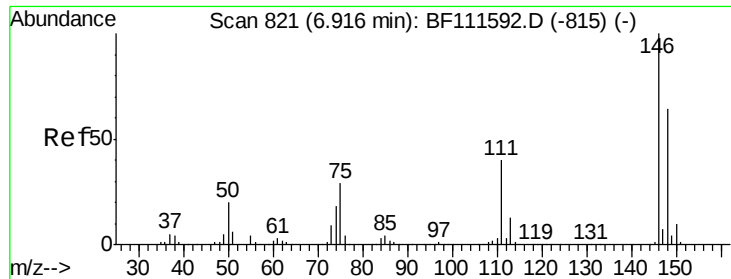
Tot Ion: 93 Resp: 280377
Ion Ratio Lower Upper
93 100
63 83.3 60.0 100.0
95 31.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.980 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion: 146 Resp: 345503
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 28.3 23.9 35.9

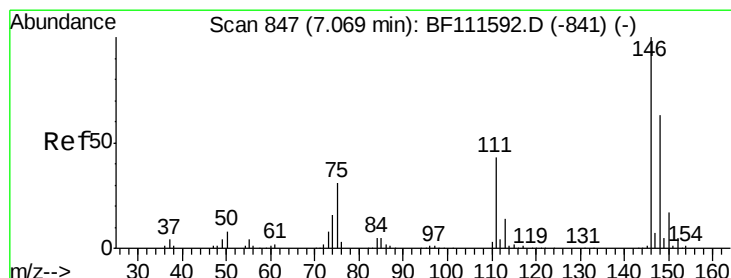
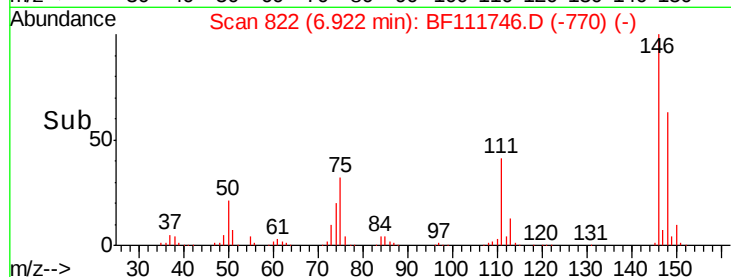
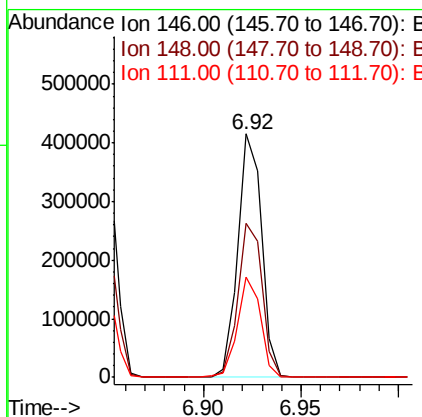
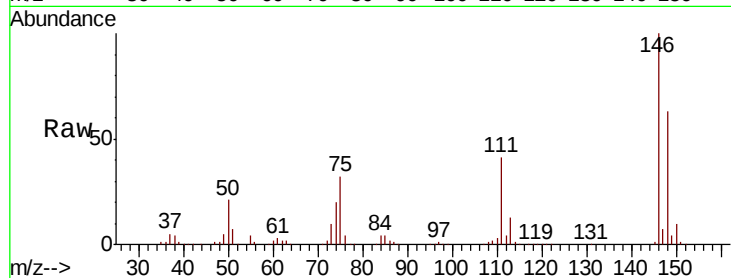




#13
 1,4-Dichlorobenzene
 Concen: 41.176 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

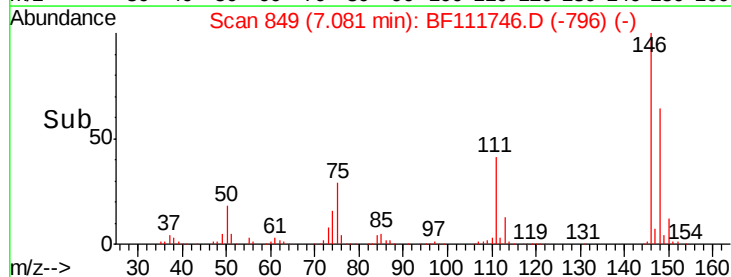
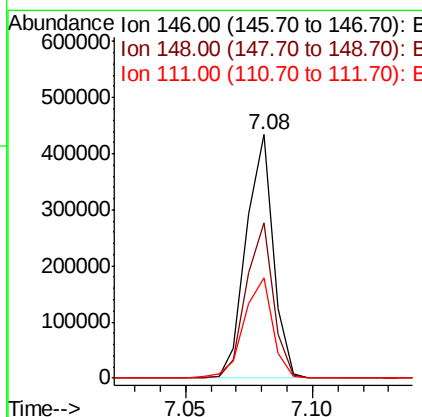
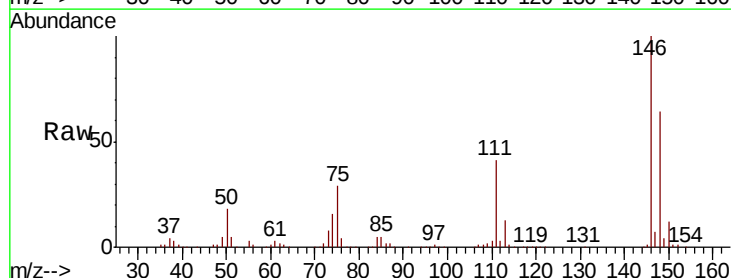
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

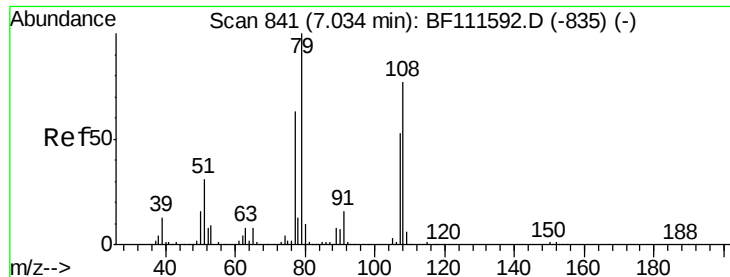
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.8	79.2
111	41.4	33.4	50.0



#14
 1,2-Dichlorobenzene
 Concen: 40.451 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	41.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 35.452 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

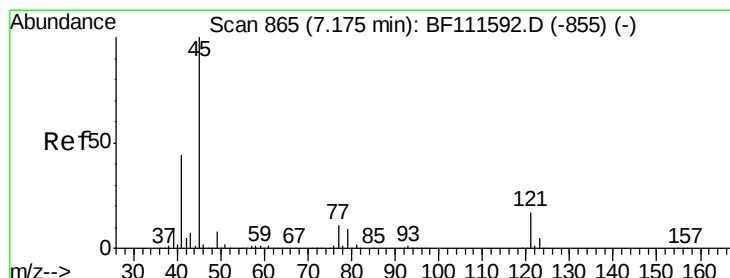
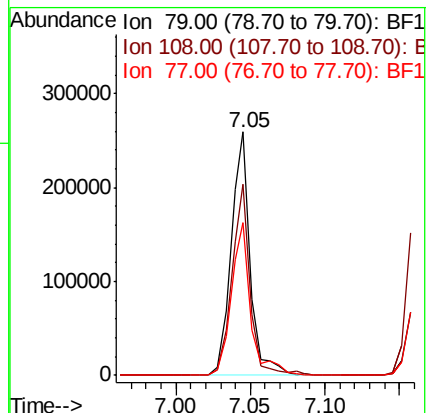
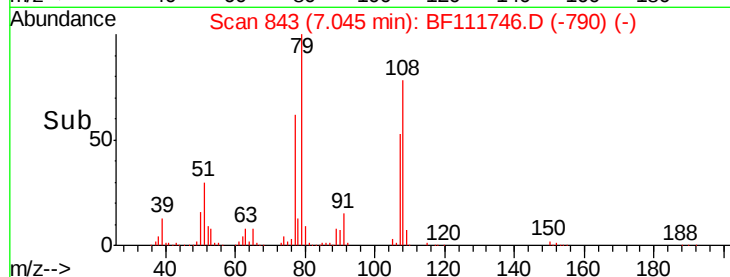
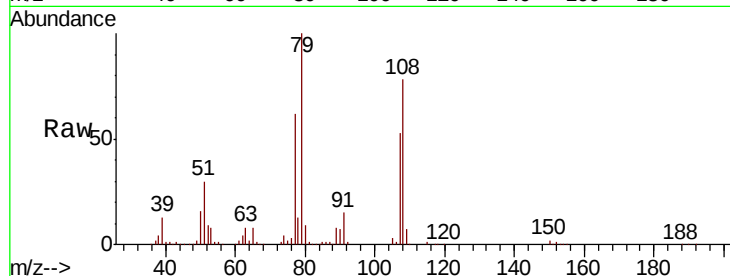
Tot Ion: 79 Resp: 235331

Ion Ratio Lower Upper

79 100

108 78.3 69.4 104.2

77 62.5 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.965 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

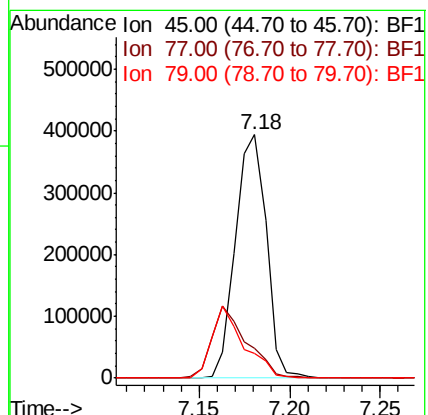
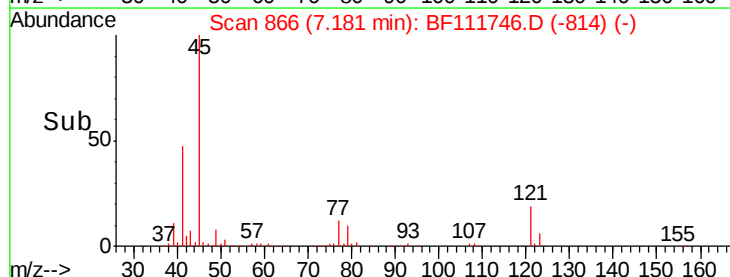
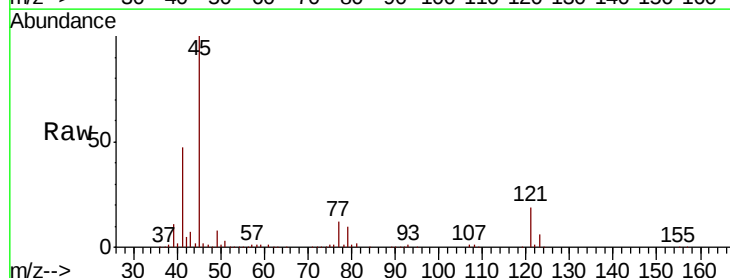
Tgt Ion: 45 Resp: 468090

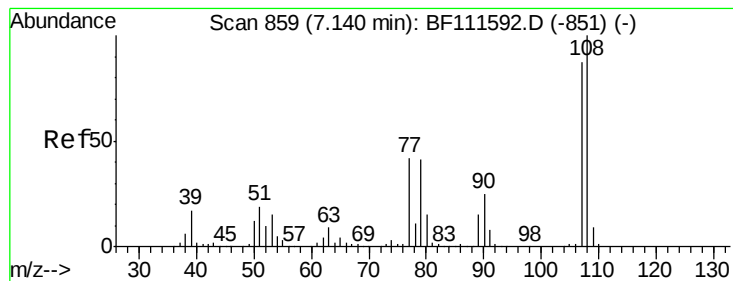
Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.5

79 9.9 0.0 28.9

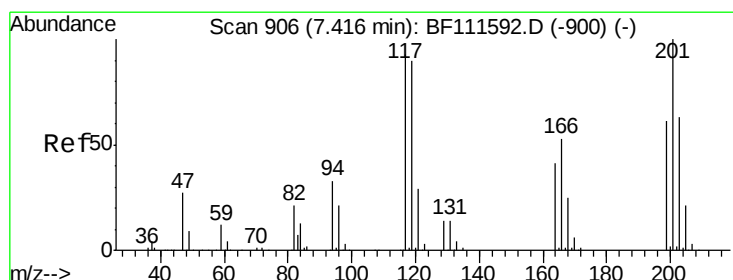
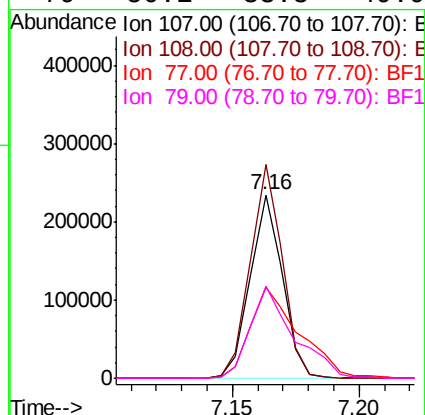
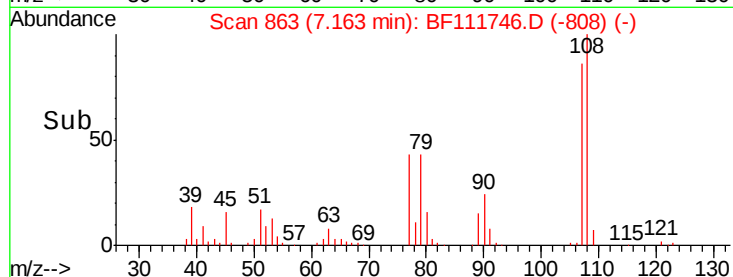
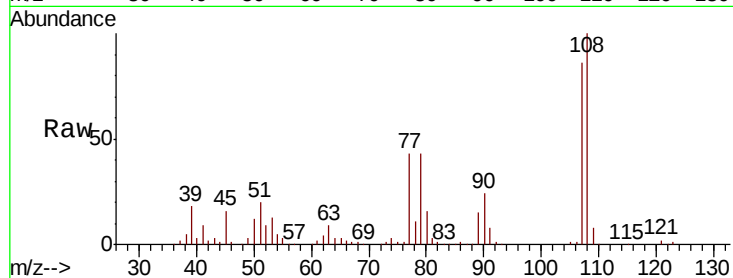




#17
2-Methylphenol
Concen: 35.808 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

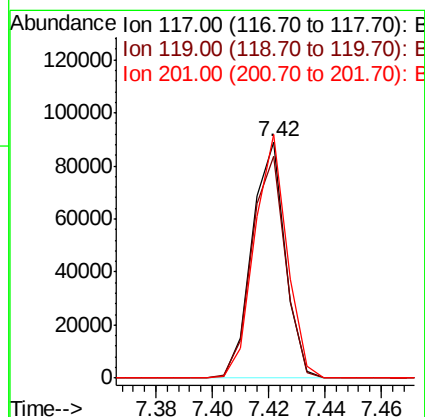
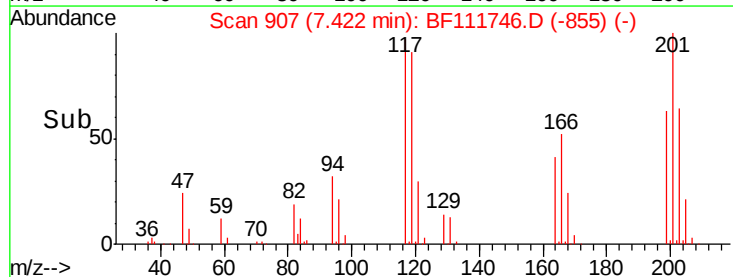
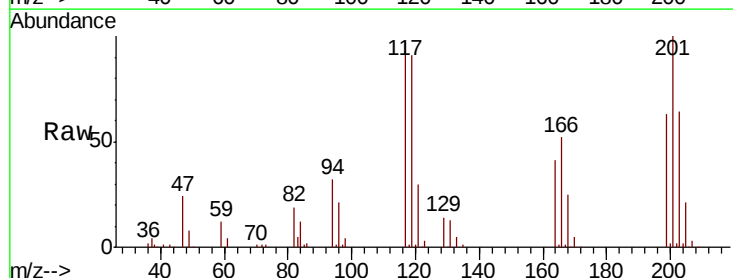
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

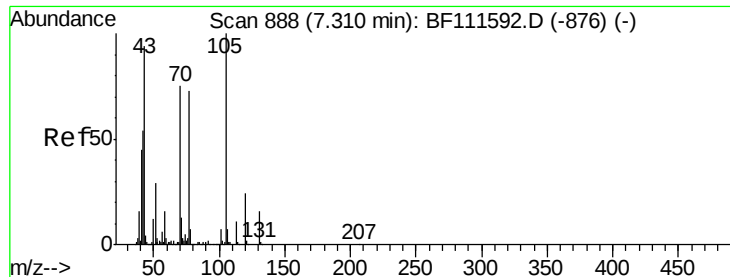
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.0	136.4
77	49.9	33.5	50.3
79	50.1	33.3	49.9



#18
Hexachloroethane
Concen: 25.127 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.4	113.0
201	102.9	62.4	93.6

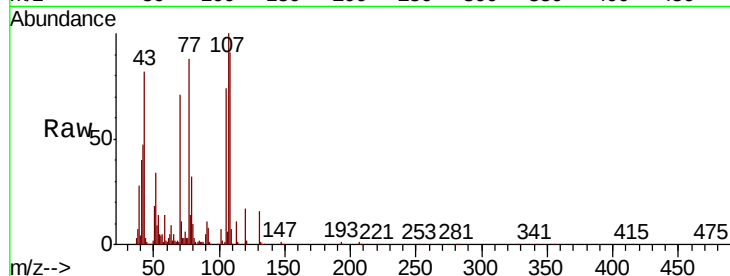




#19
n-Nitroso-di-n-propylamine
Concen: 36.906 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.2	53.2	79.8	
101	10.1	8.2	12.4	
130	23.0	18.1	27.1	



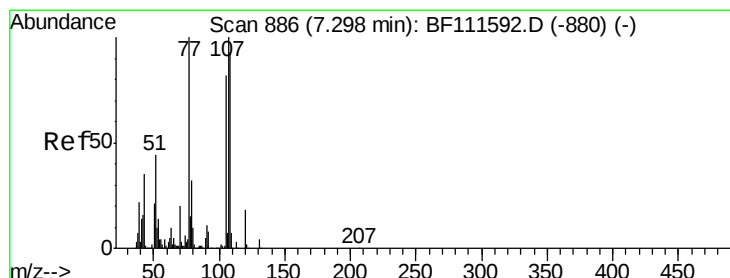
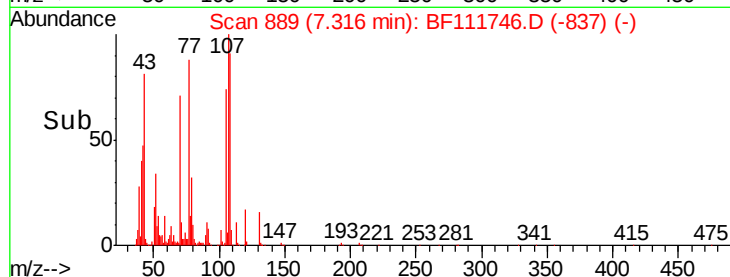
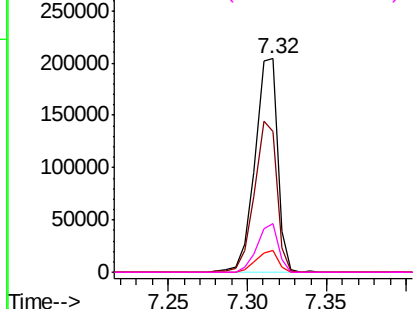
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 36.515 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	72.1	112.1	
77	87.6	94.1	134.1#	
79	32.4	9.8	49.8	

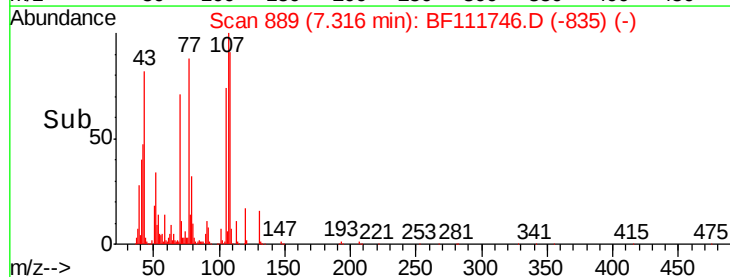
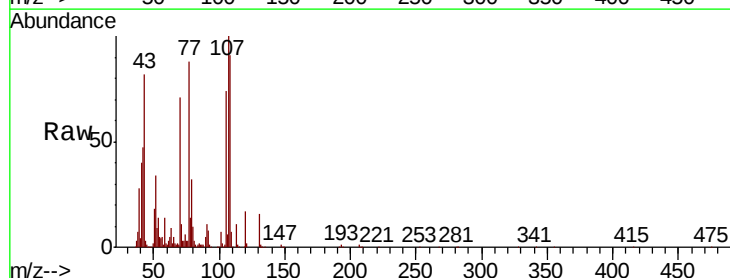
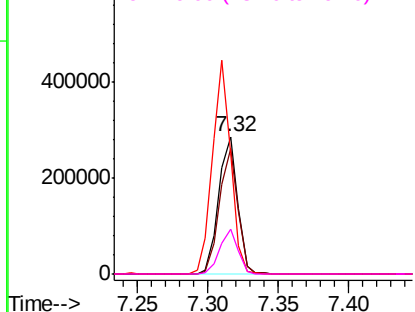
Abundance

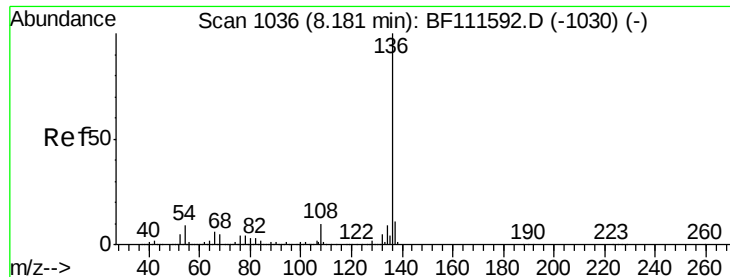
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

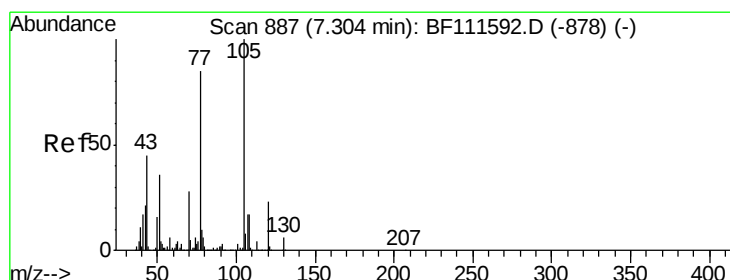
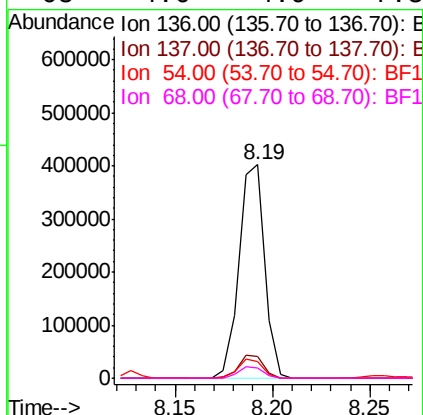
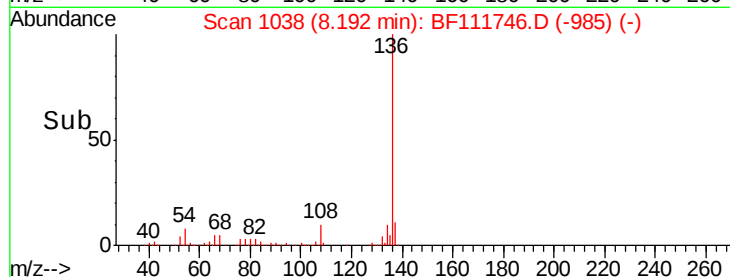
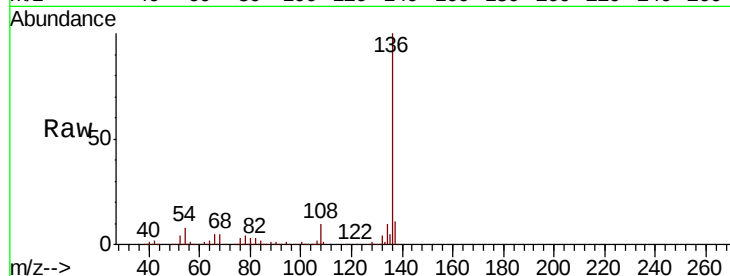




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

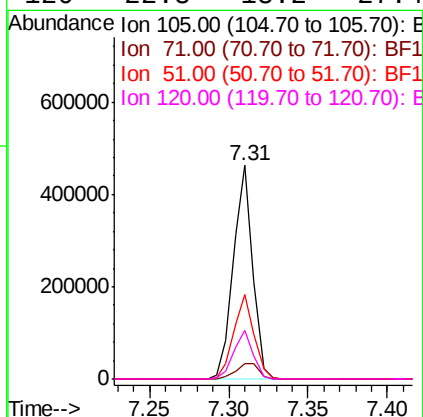
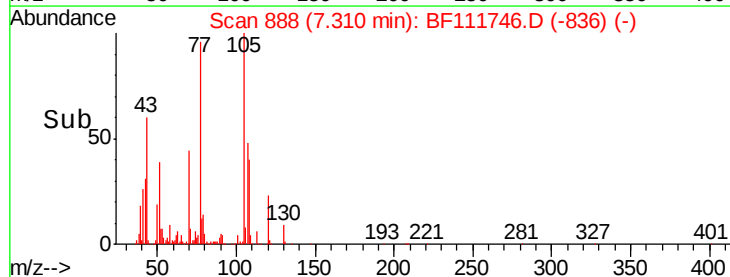
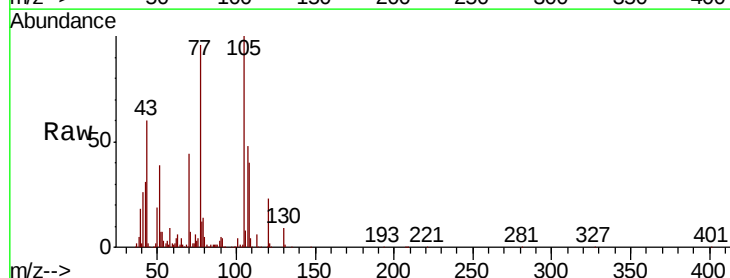
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

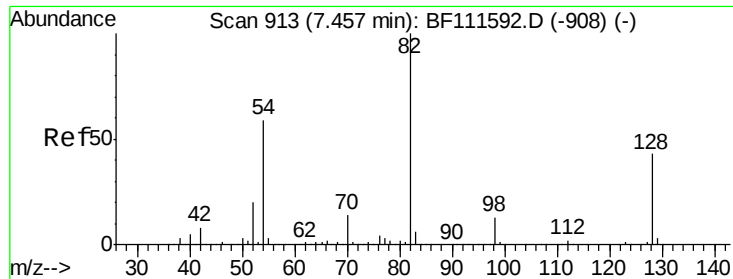
Tot Ion:136	Resp:	365054
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	7.9	7.7 11.5
68	4.6	4.9 7.3#



#22
Acetophenone
Concen: 42.182 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:105	Resp:	390112
Ion Ratio	Lower	Upper
105	100	
71	7.0	3.1 4.7#
51	39.4	36.6 54.8
120	22.8	18.2 27.4

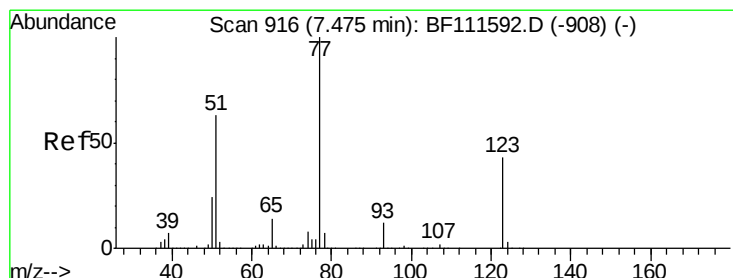
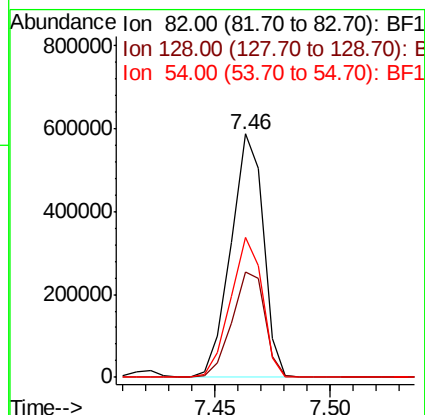
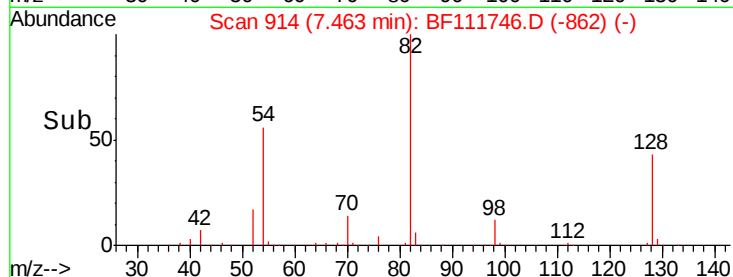
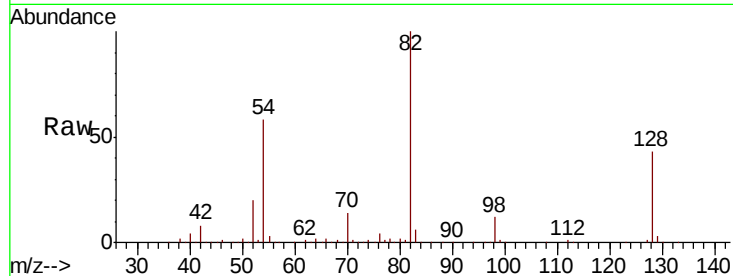




#23
Nitrobenzene-d5
Concen: 91.347 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

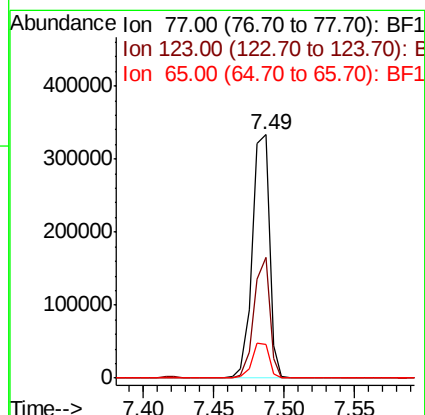
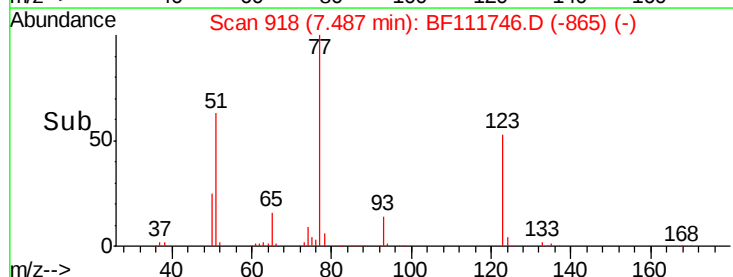
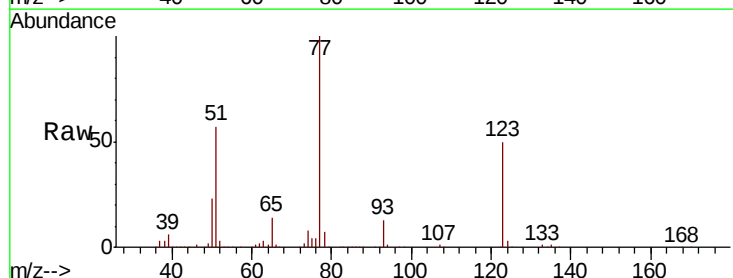
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

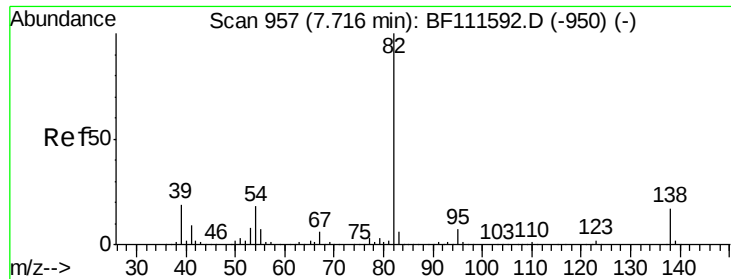
Tot Ion: 82 Resp: 572890
Ion Ratio Lower Upper
82 100
128 43.3 37.4 56.2
54 57.6 47.6 71.4



#24
Nitrobenzene
Concen: 43.726 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion: 77 Resp: 287417
Ion Ratio Lower Upper
77 100
123 49.6 37.2 55.8
65 13.7 11.5 17.3

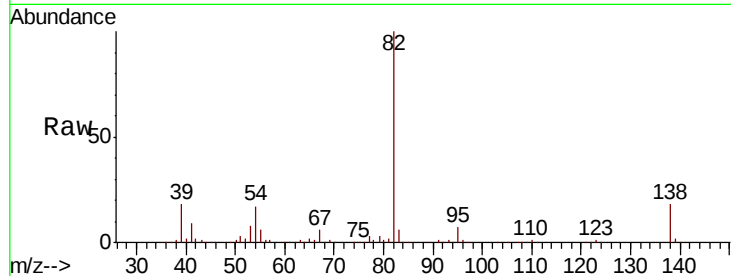




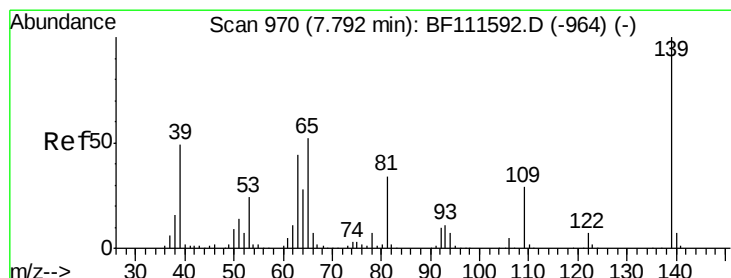
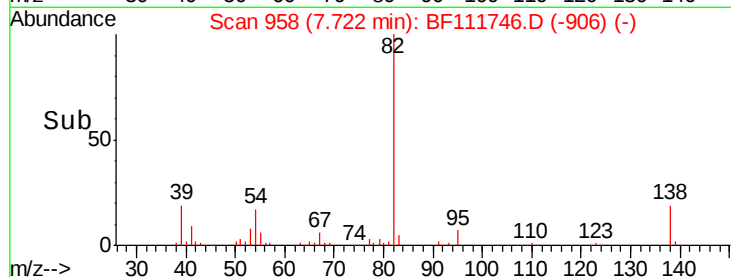
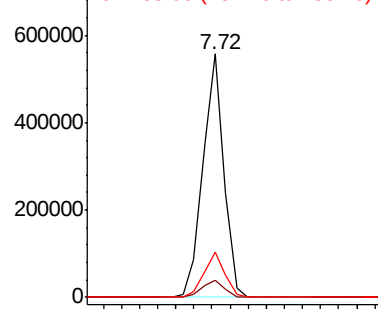
#25
Isophorone
Concen: 40.300 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 448695
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.5 15.1 22.7

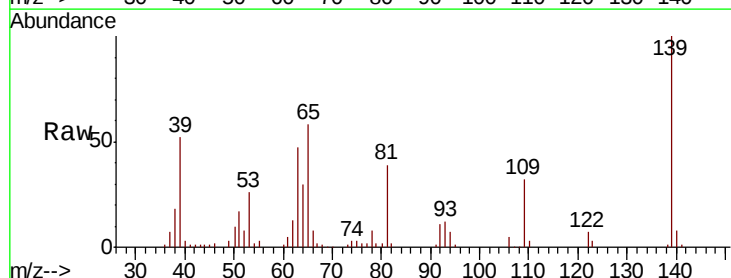


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

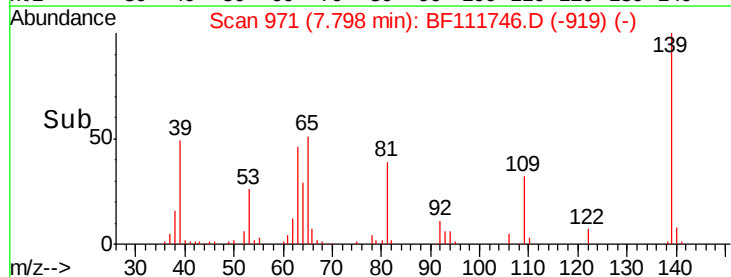
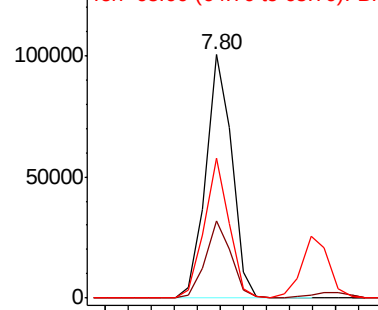


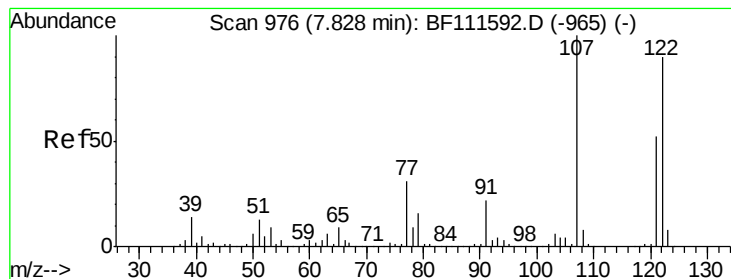
#26
2-Nitrophenol
Concen: 29.656 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion: 139 Resp: 79060
Ion Ratio Lower Upper
139 100
109 31.7 20.2 30.4#
65 57.7 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.063 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

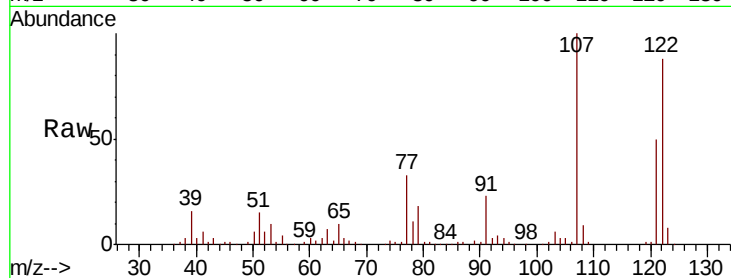
Tot Ion:122 Resp: 200027

Ion Ratio Lower Upper

122 100

107 113.5 85.5 128.3

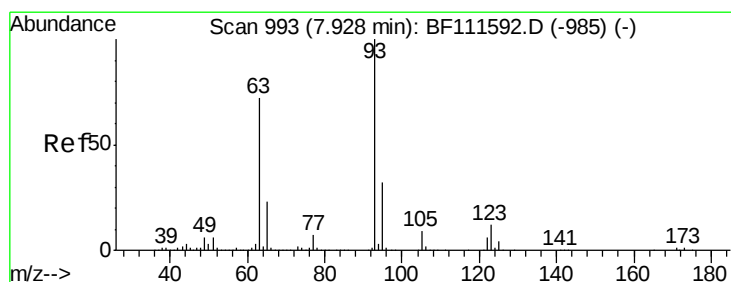
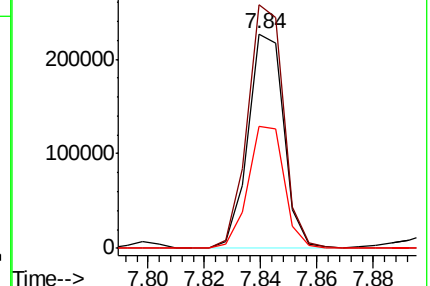
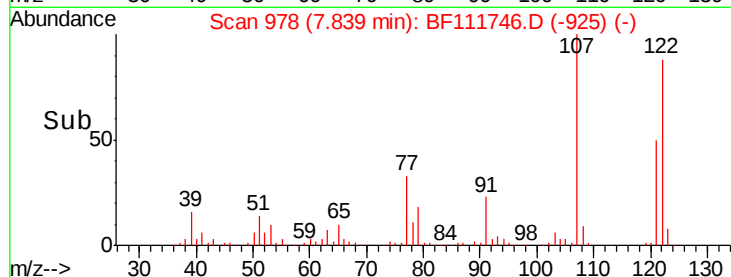
121 56.9 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.028 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

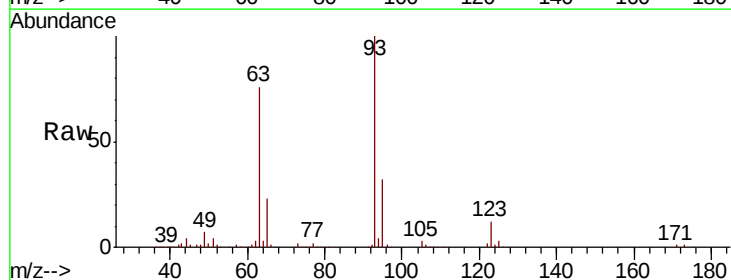
Tgt Ion: 93 Resp: 303973

Ion Ratio Lower Upper

93 100

95 32.4 27.1 40.7

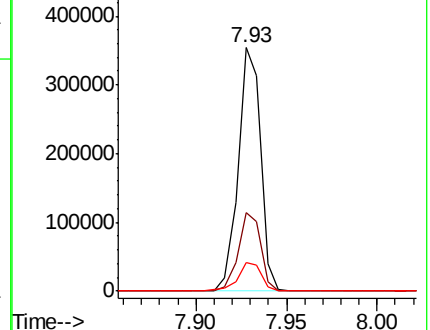
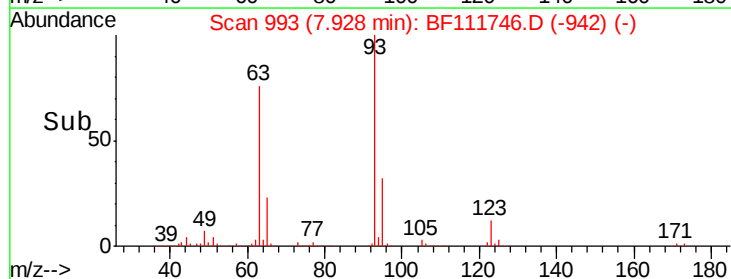
123 11.6 9.9 14.9

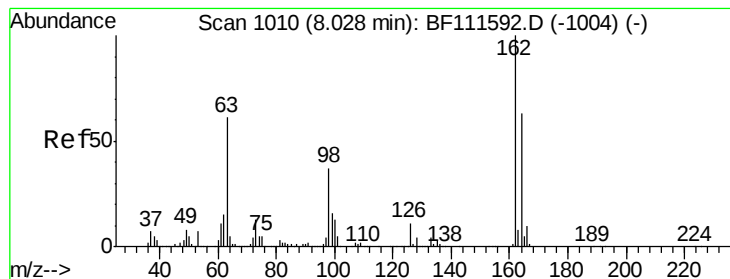


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.740 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

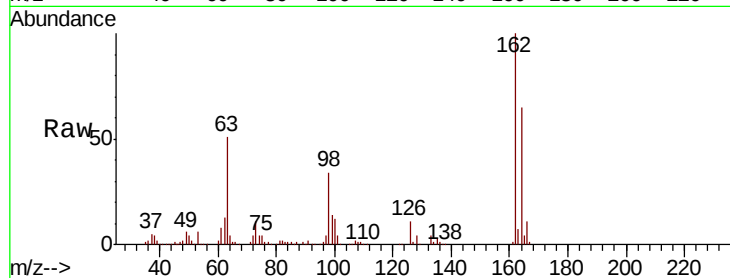
Tot Ion:162 Resp: 218973

Ion Ratio Lower Upper

162 100

164 64.6 44.4 84.4

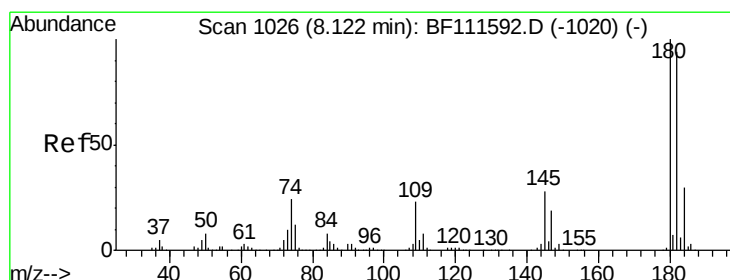
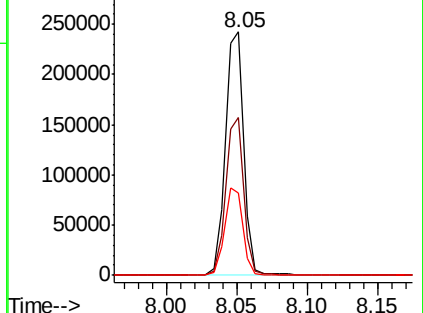
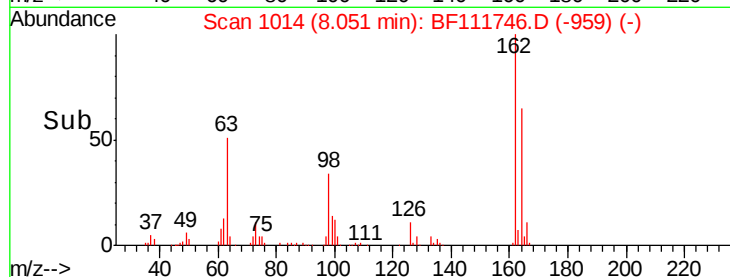
98 34.0 20.3 60.3



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: 41.130 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

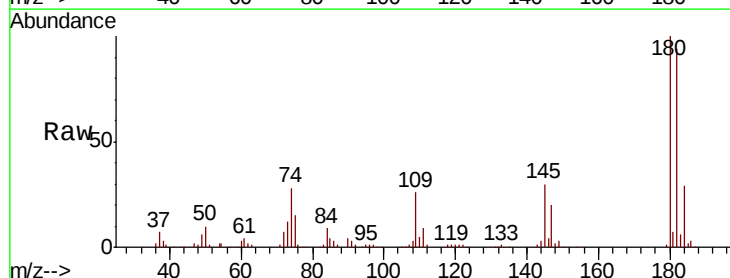
Tgt Ion:180 Resp: 259071

Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

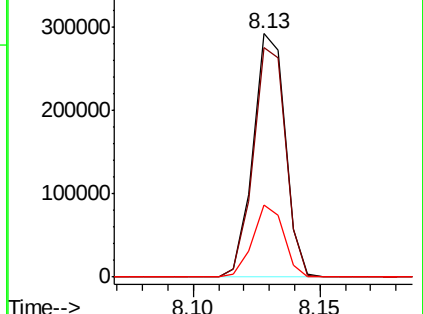
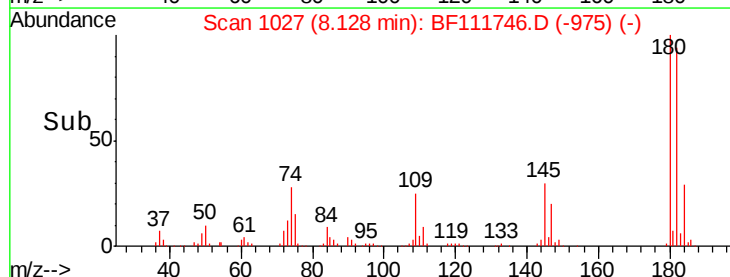
145 29.8 26.7 40.1

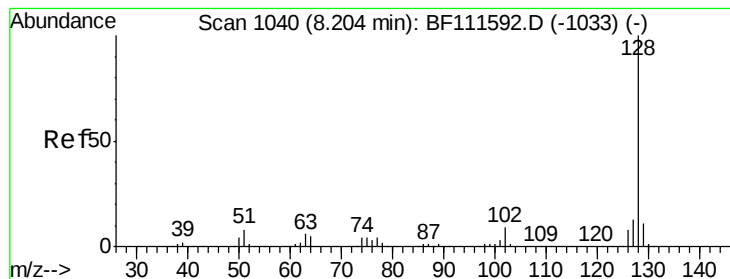


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.648 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

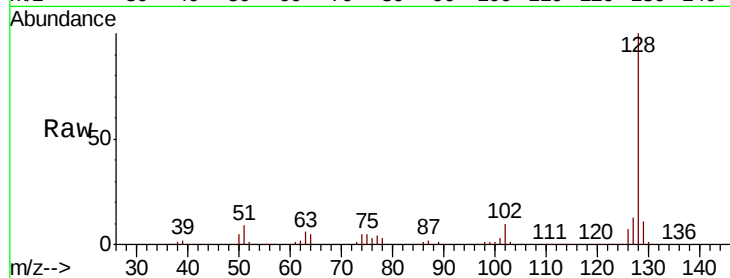
Tot Ion:128 Resp: 712975

Ion Ratio Lower Upper

128 100

129 10.8 9.8 14.8

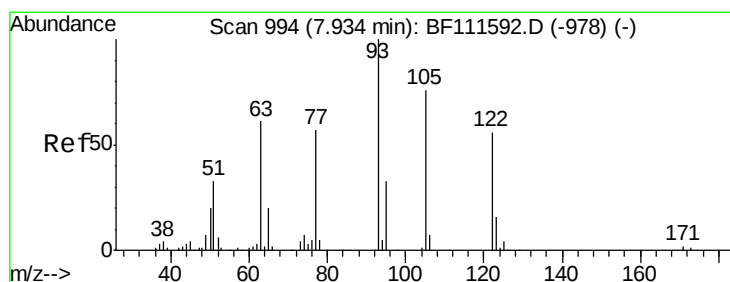
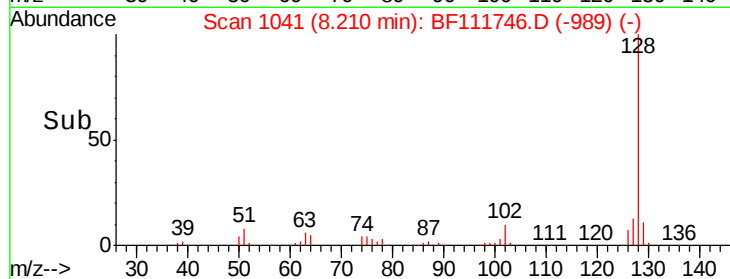
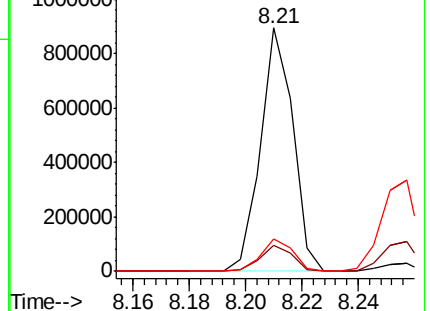
127 13.2 12.0 18.0



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: 10.485 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

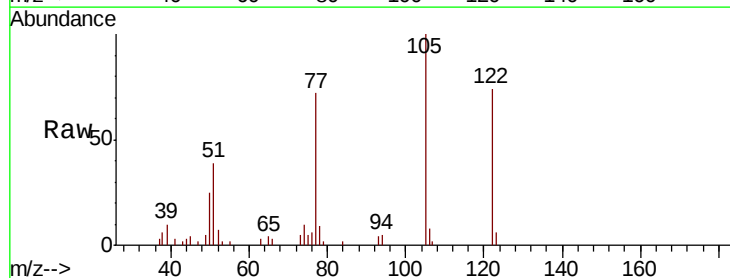
Tgt Ion:122 Resp: 36432

Ion Ratio Lower Upper

122 100

105 135.5 97.0 137.0

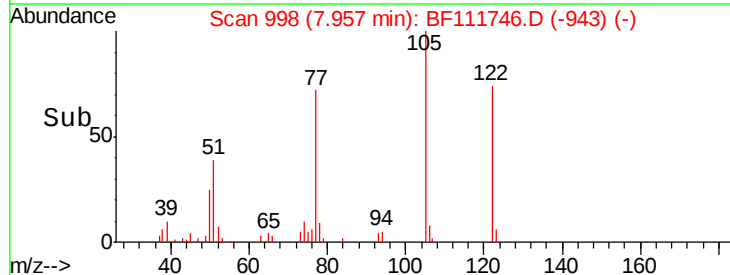
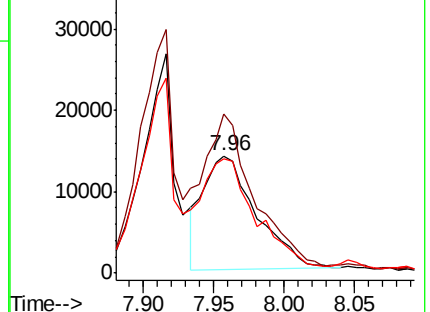
77 97.8 65.7 105.7



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

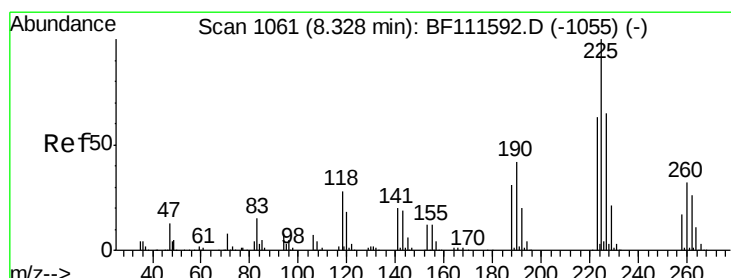
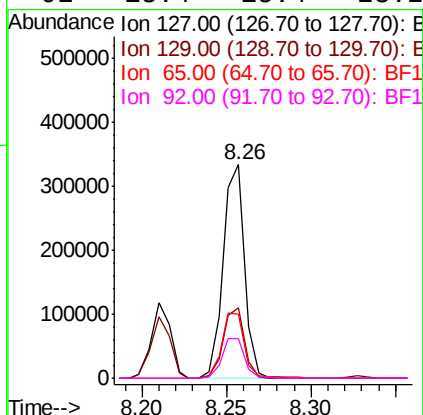
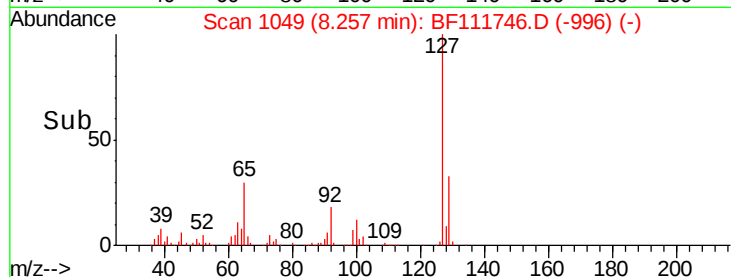
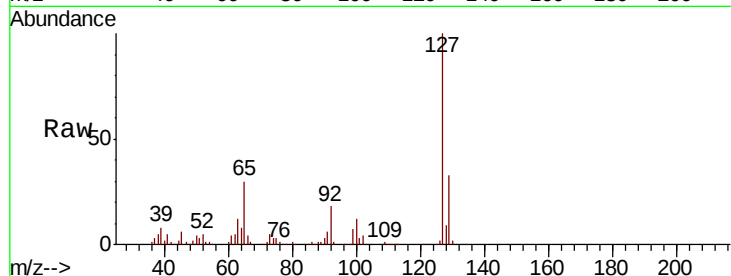




#33
4-Chloroaniline
Concen: 38.743 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

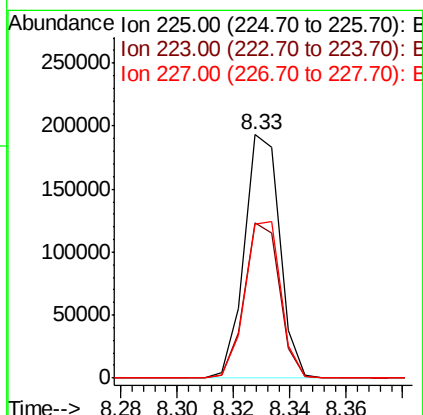
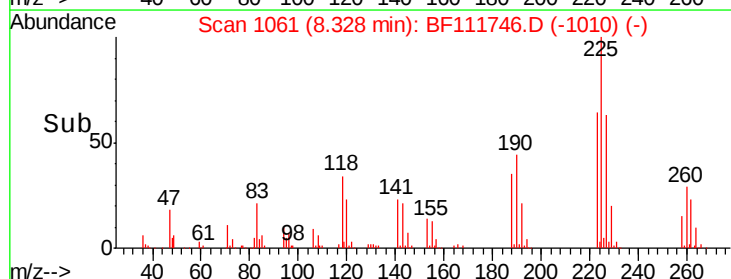
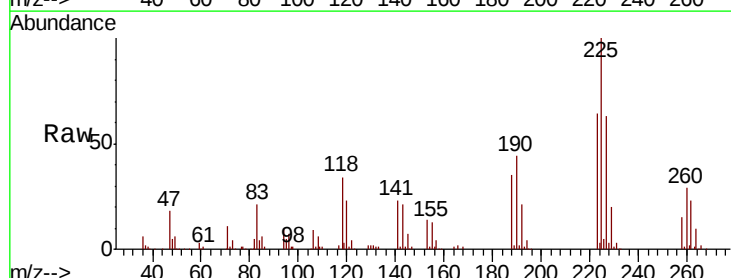
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

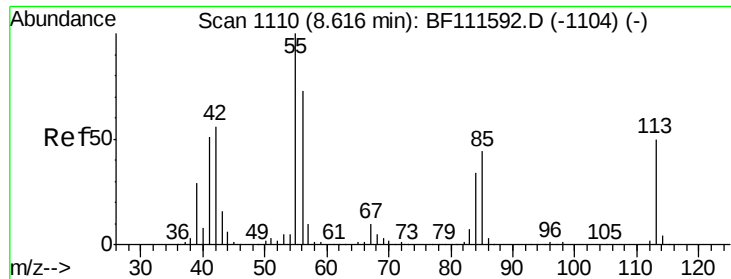
Tot Ion:	127	Resp:	293723
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	29.7	25.7	38.5
92	18.4	15.4	23.2



#34
Hexachlorobutadiene
Concen: 43.802 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:	225	Resp:	168150
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	63.1	52.6	78.8

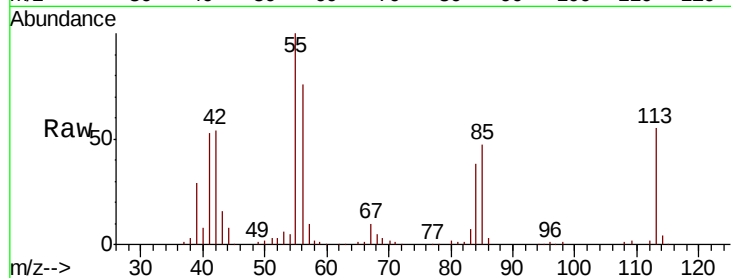




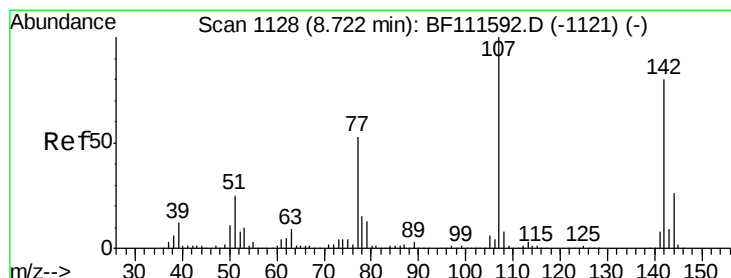
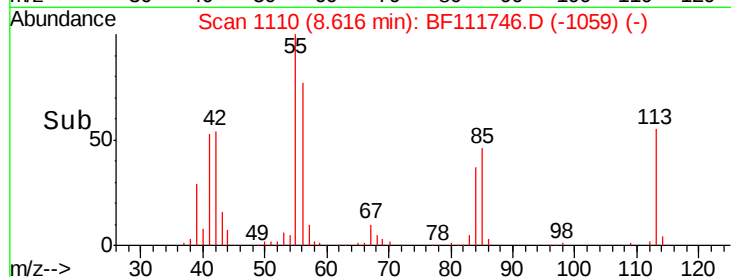
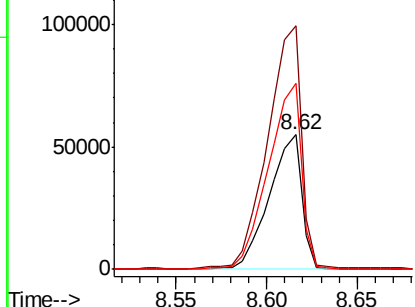
#35
 Caprolactam
 Concen: 35.802 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 68573
 Ion Ratio Lower Upper
 113 100
 55 181.4 184.1 224.1#
 56 138.8 126.0 166.0

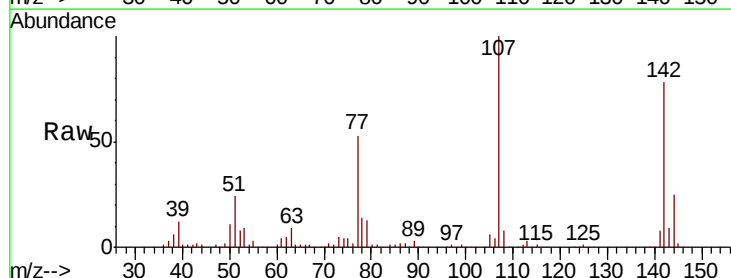


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

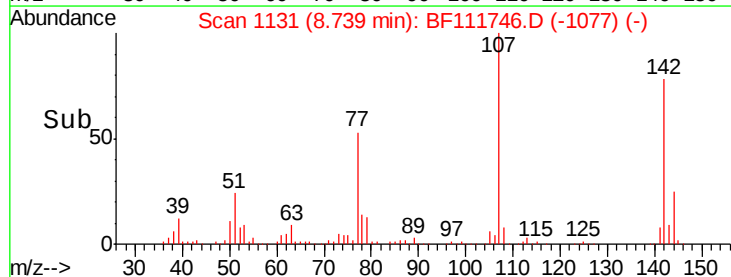
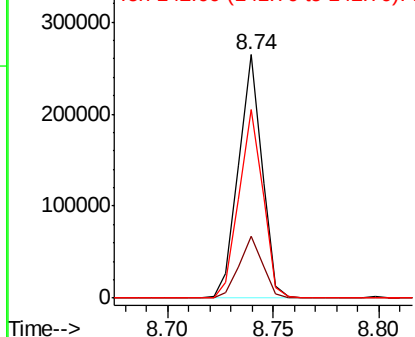


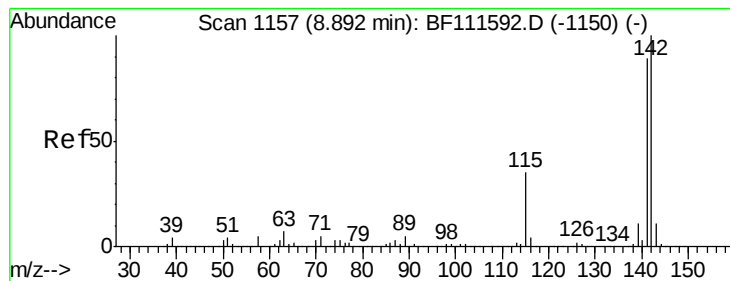
#36
 4-Chloro-3-methylphenol
 Concen: 36.619 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion:107 Resp: 203466
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.6
 142 77.6 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.349 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

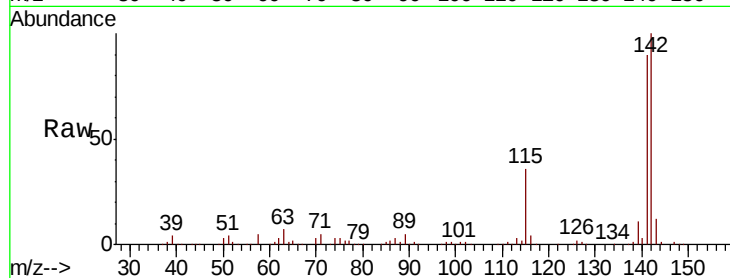
Tot Ion:142 Resp: 437629

Ion Ratio Lower Upper

142 100

141 89.8 70.6 105.8

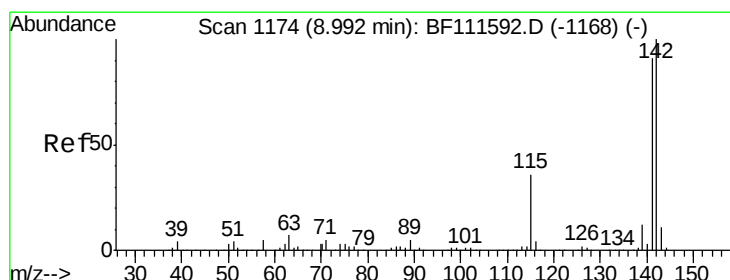
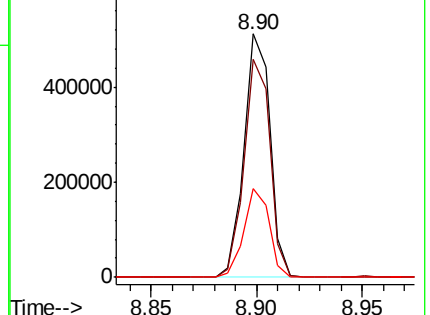
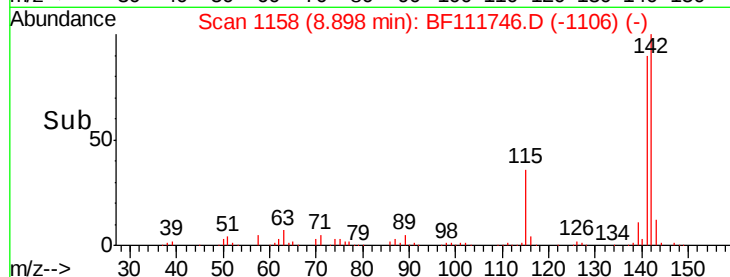
115 36.4 27.0 40.6



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: 38.866 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

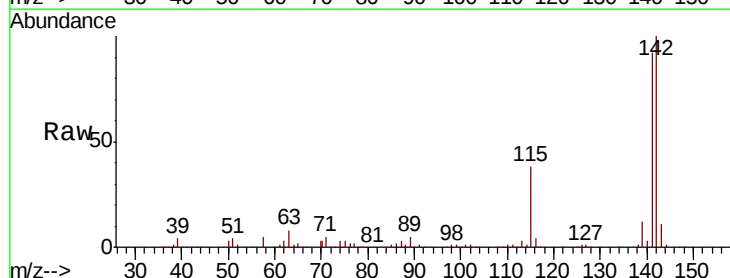
Tgt Ion:142 Resp: 425975

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

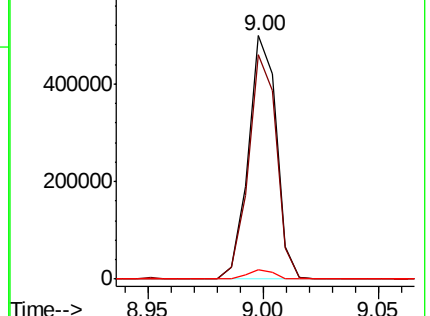
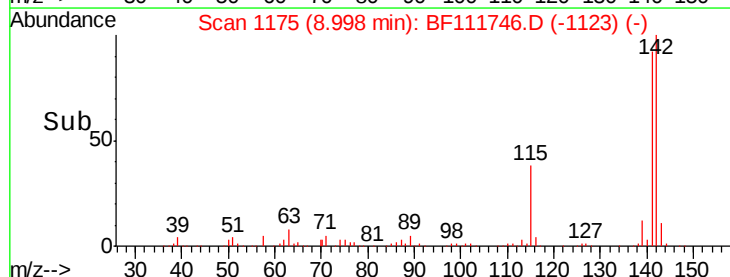
116 4.0 2.9 4.3

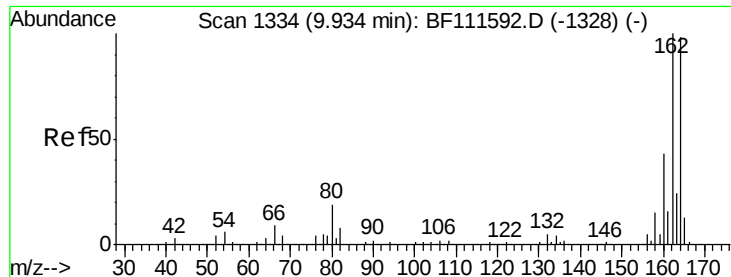


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

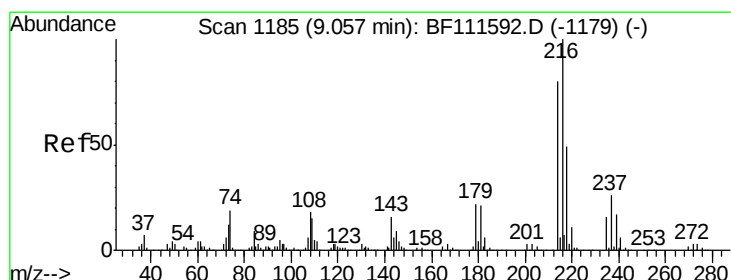
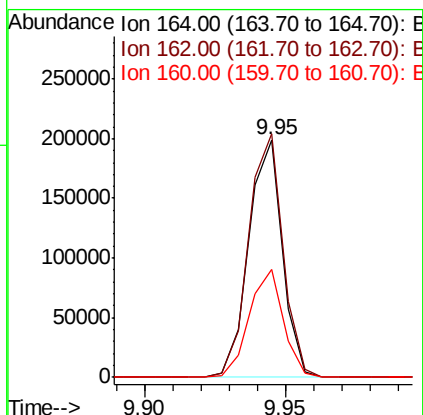
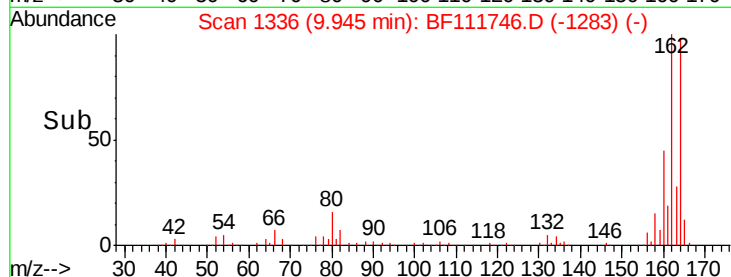
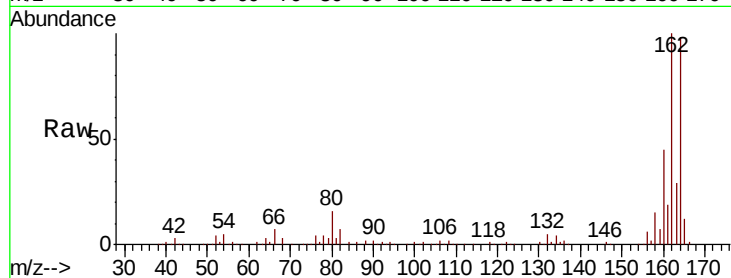
Tot Ion:164 Resp: 164259

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 45.7 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.593 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Tgt Ion:216 Resp: 240691

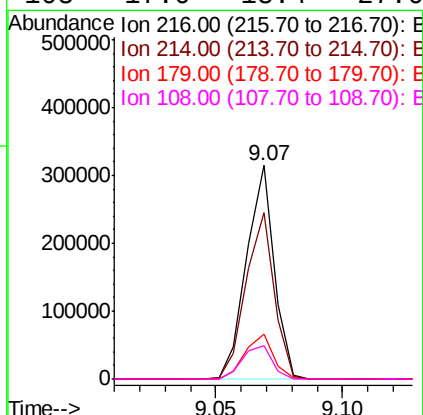
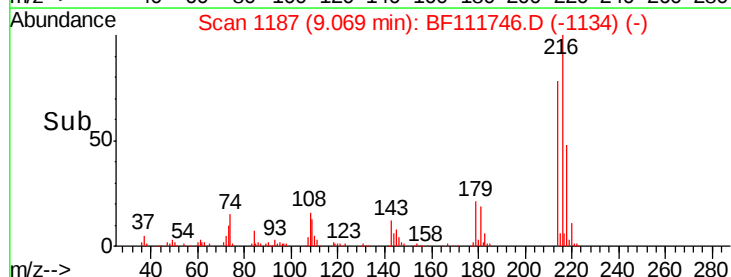
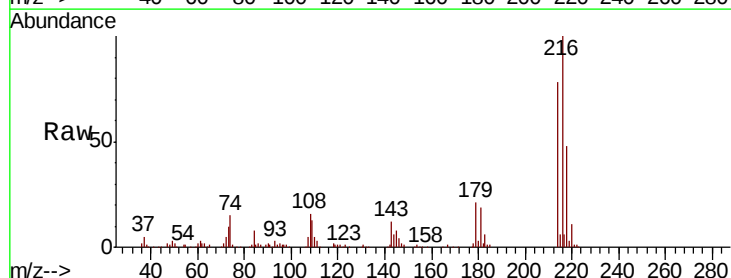
Ion Ratio Lower Upper

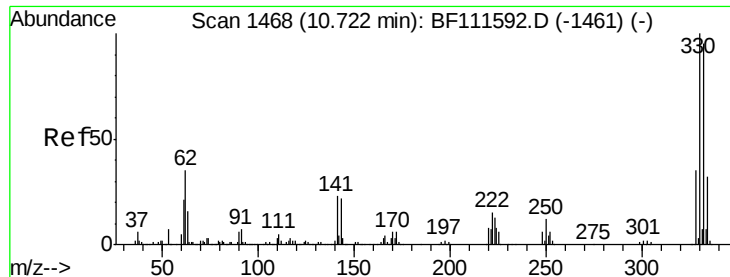
216 100

214 79.4 63.8 95.8

179 21.4 17.9 26.9

108 17.0 18.4 27.6#





#42

2,4,6-Tribromophenol

Concen: 86.018 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

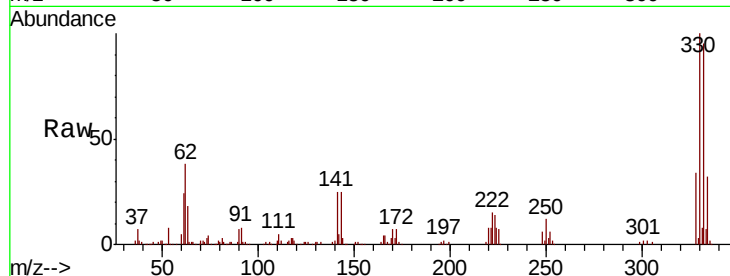
Tot Ion:330 Resp: 166948

Ion Ratio Lower Upper

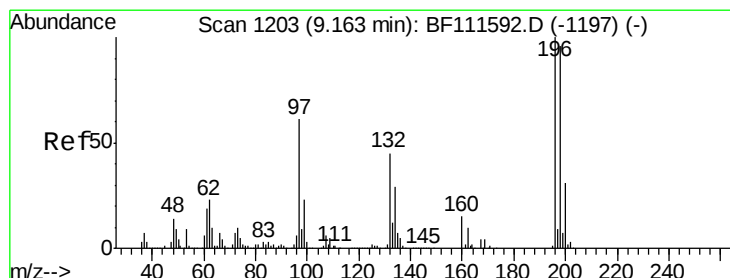
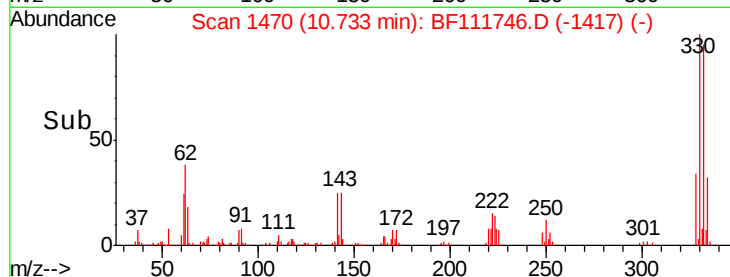
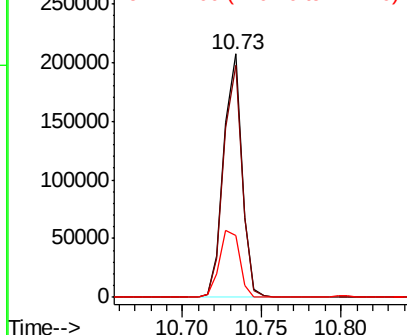
330 100

332 96.1 76.0 114.0

141 30.4 31.0 46.6#



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



#43

2,4,6-Trichlorophenol

Concen: 40.853 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

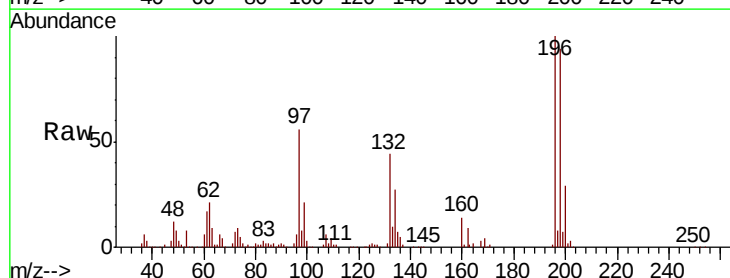
Tgt Ion:196 Resp: 147220

Ion Ratio Lower Upper

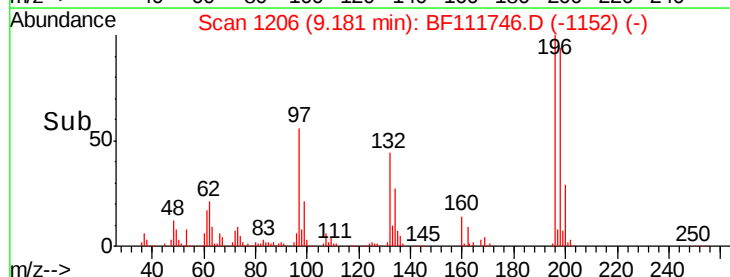
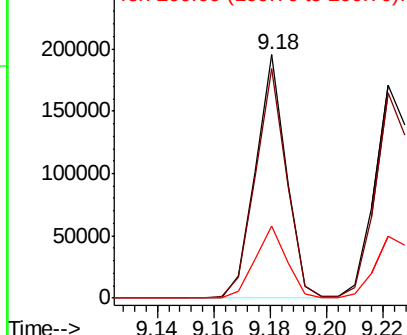
196 100

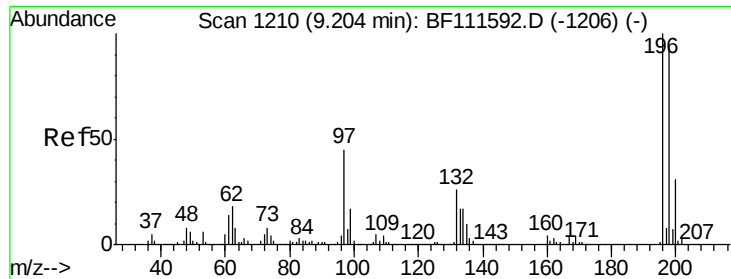
198 94.2 76.3 114.5

200 29.5 24.9 37.3



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





#44

2,4,5-Trichlorophenol

Concen: 41.504 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 153439

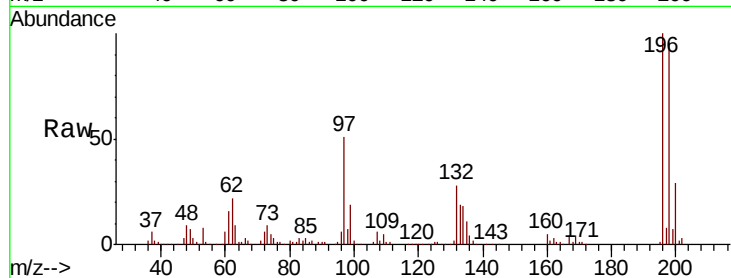
Ion Ratio Lower Upper

196 100

198 96.0 72.9 109.3

97 51.5 45.3 67.9

132 28.1 25.5 38.3

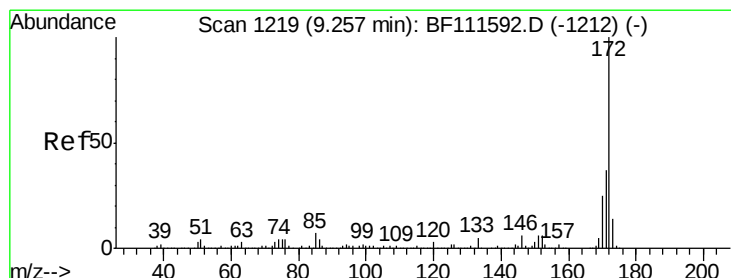
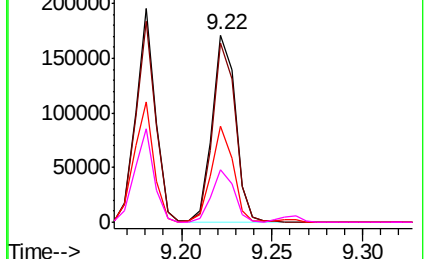
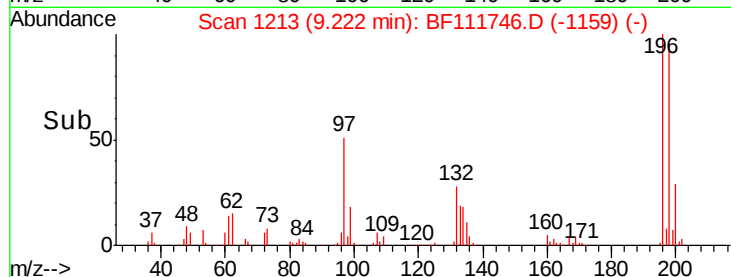


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 91.635 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

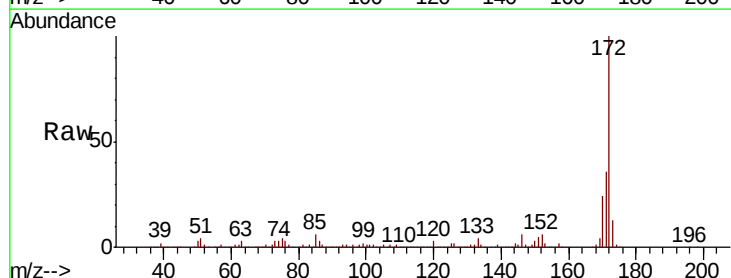
Tgt Ion:172 Resp: 1032665

Ion Ratio Lower Upper

172 100

171 36.1 33.0 49.4

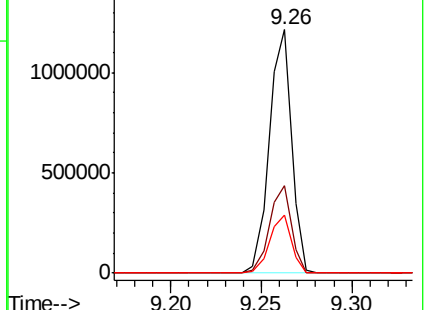
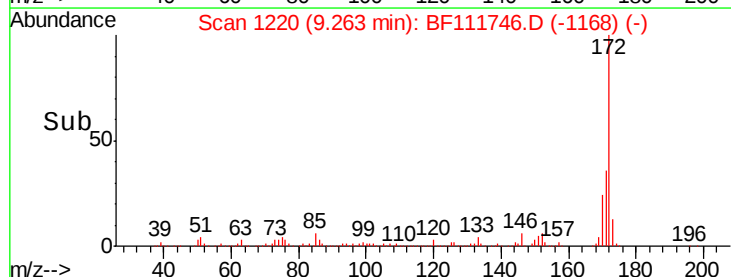
170 23.9 22.3 33.5

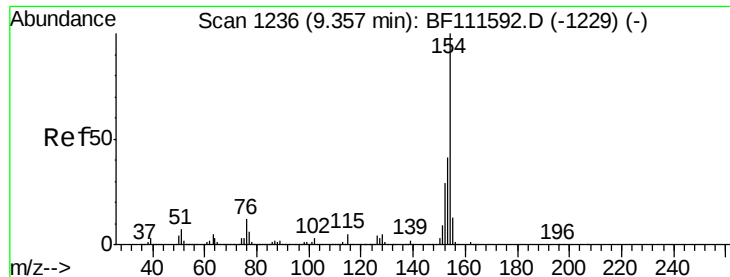


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

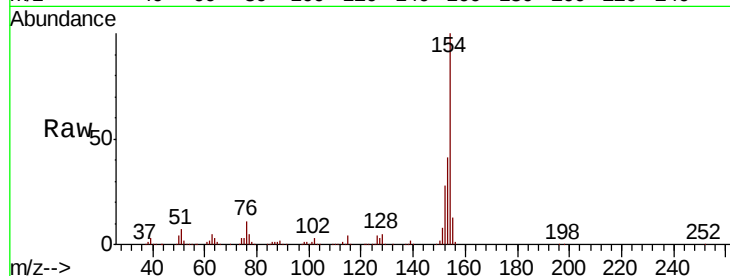




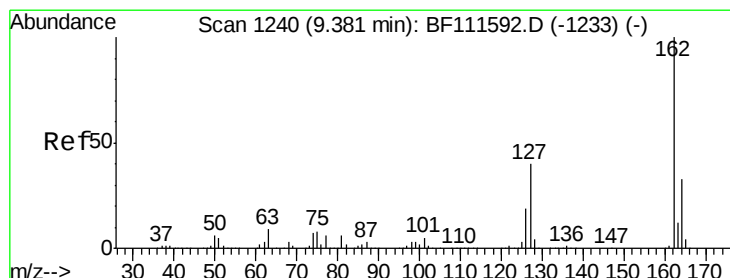
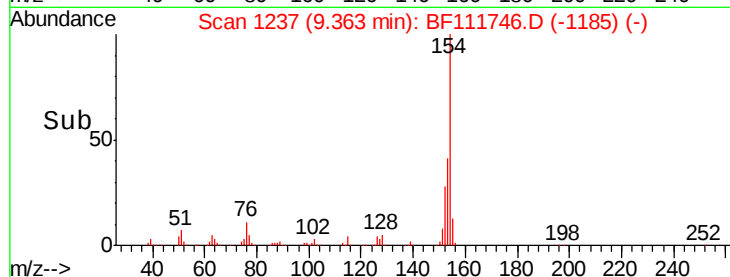
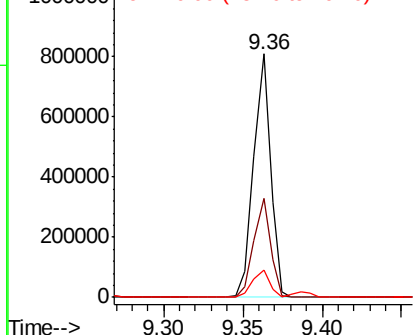
#46
1,1'-Biphenyl
Concen: 43.629 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 604952
Ion Ratio Lower Upper
154 100
153 40.9 23.7 63.7
76 11.3 0.0 35.0

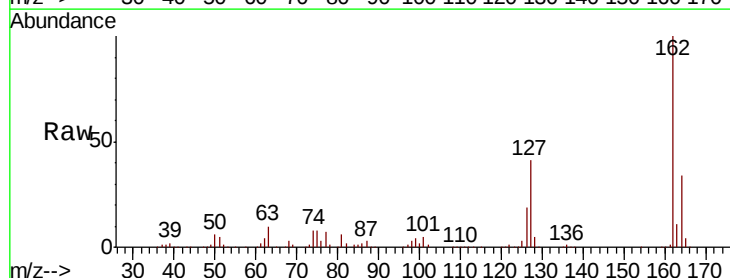


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

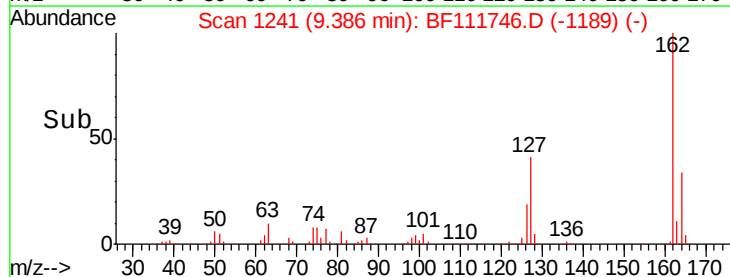
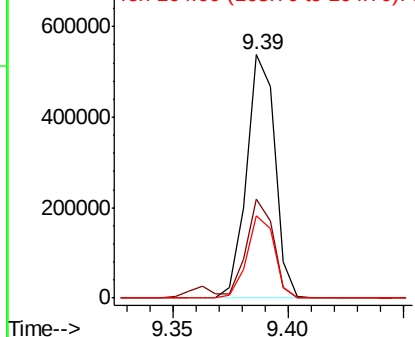


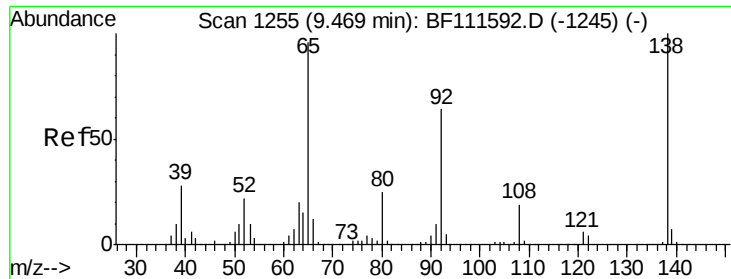
#47
2-Chloronaphthalene
Concen: 42.072 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:162 Resp: 462195
Ion Ratio Lower Upper
162 100
127 40.7 35.0 52.4
164 33.6 28.4 42.6



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

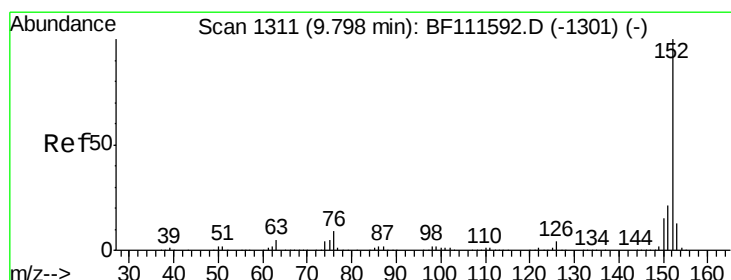
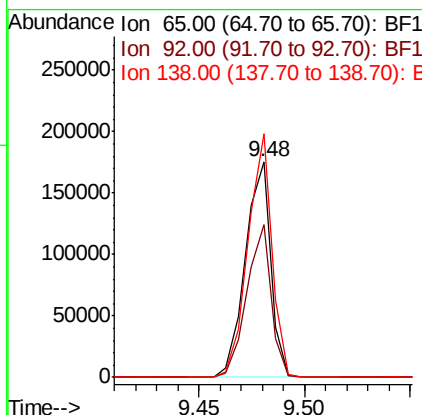
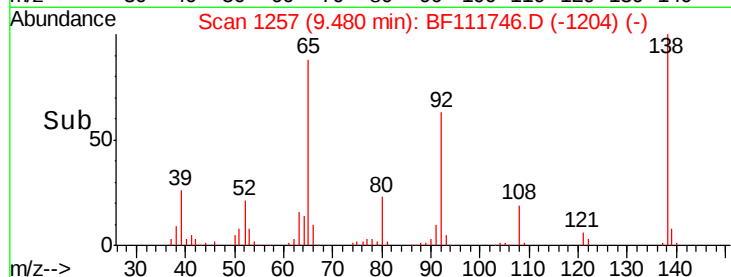
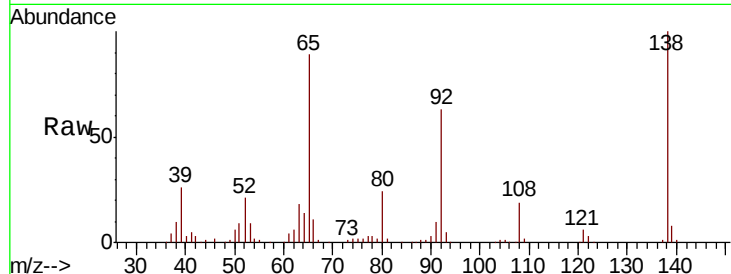




#48
2-Nitroaniline
Concen: 51.312 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

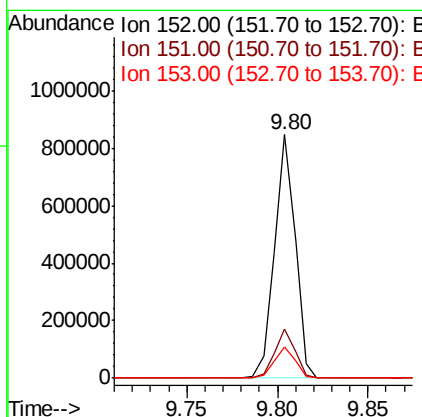
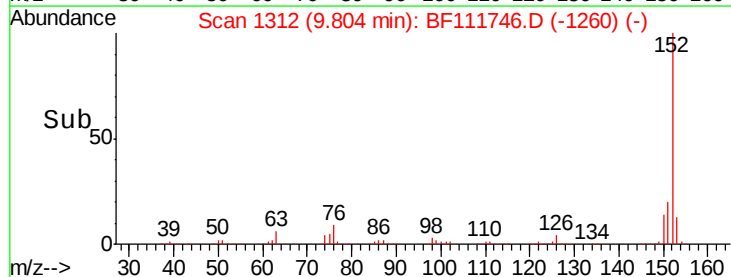
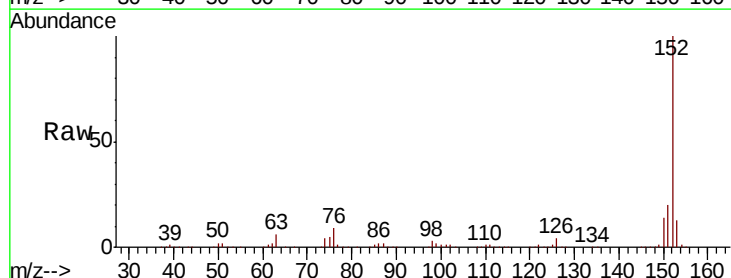
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

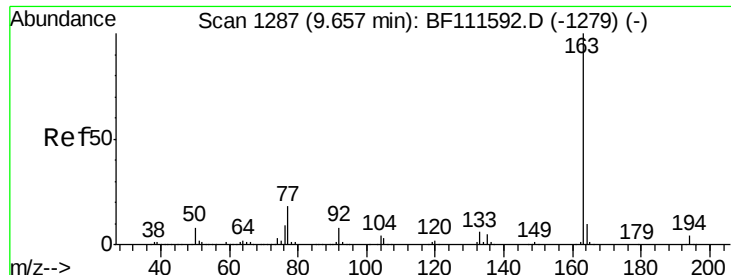
Tot Ion: 65 Resp: 146647
Ion Ratio Lower Upper
65 100
92 70.7 53.5 80.3
138 112.7 80.9 121.3



#49
Acenaphthylene
Concen: 41.667 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion: 152 Resp: 668343
Ion Ratio Lower Upper
152 100
151 20.1 18.0 27.0
153 12.9 12.3 18.5

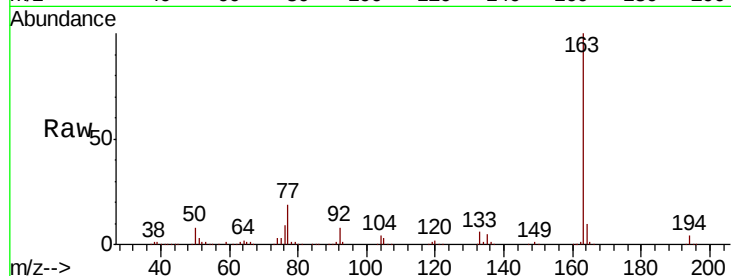




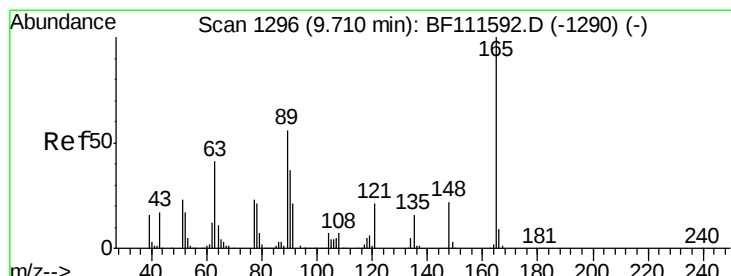
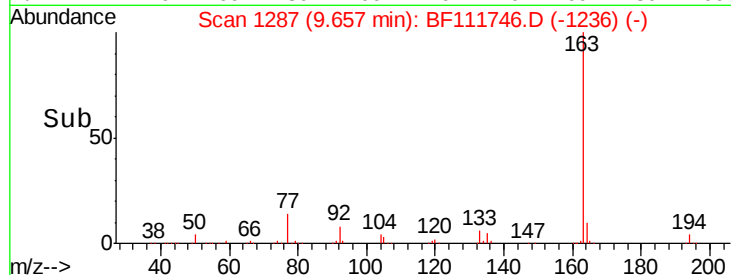
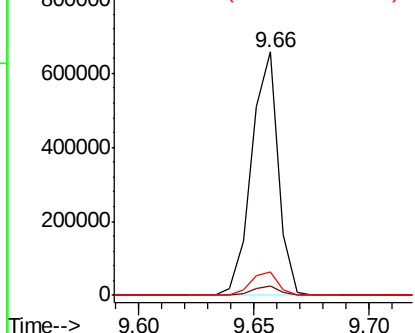
#50
Dimethylphthalate
Concen: 44.177 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.7	8.9	13.3

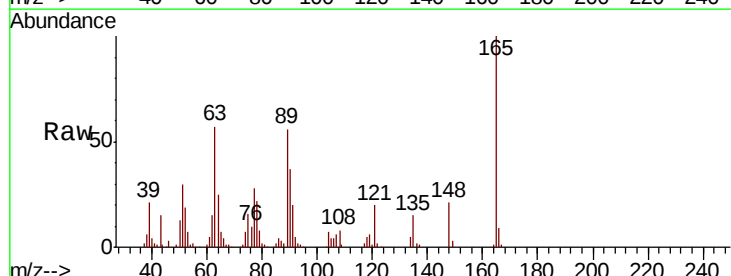


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

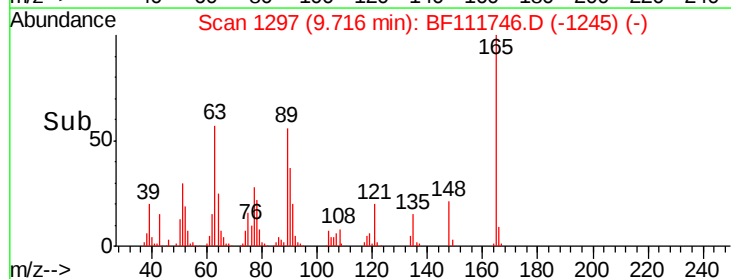
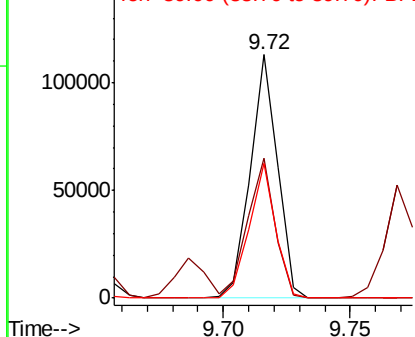


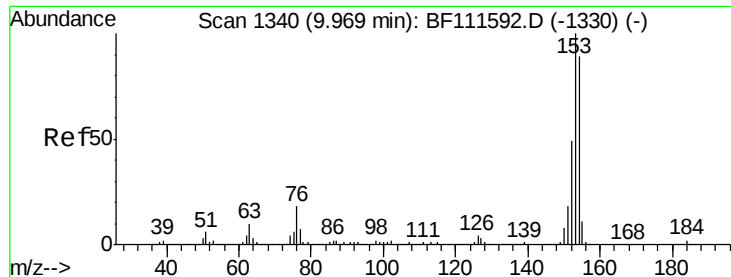
#51
2,6-Dinitrotoluene
Concen: 35.260 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.4	40.5	60.7
89	55.6	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: 40.461 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

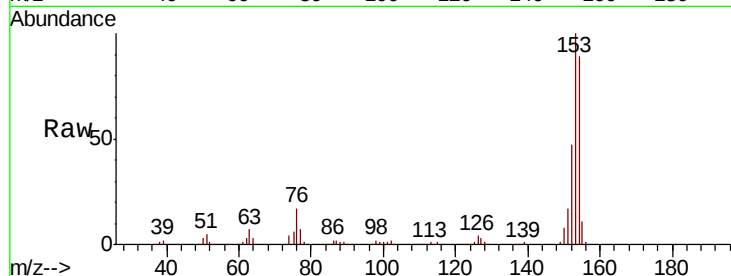
Tot Ion:154 Resp: 400271

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.8

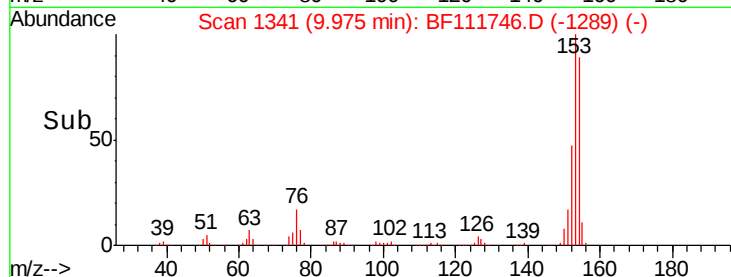
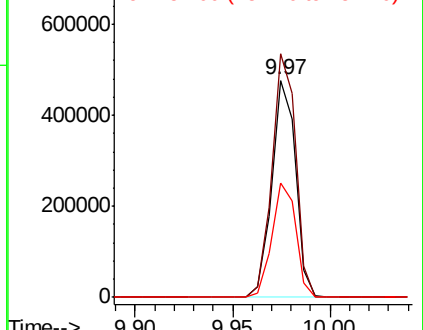
152 52.4 43.4 65.2



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: 55.596 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

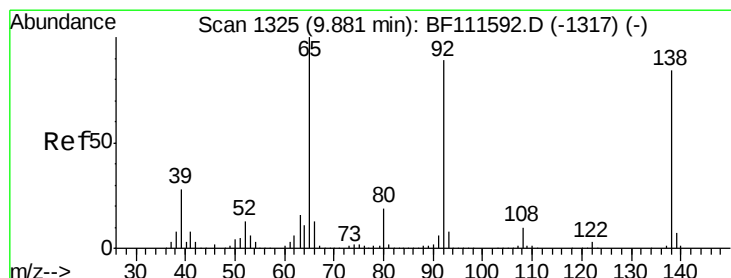
Tgt Ion:138 Resp: 142014

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.4

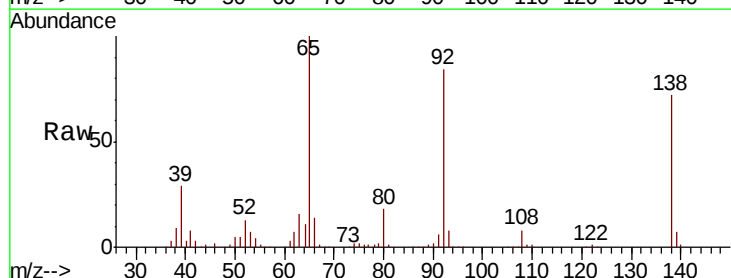
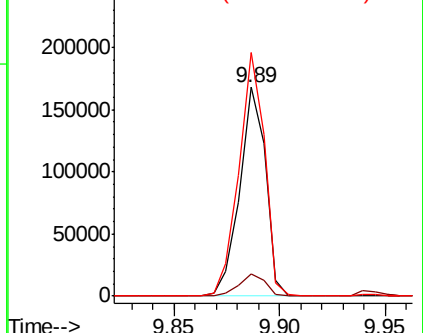
92 116.6 93.4 140.2

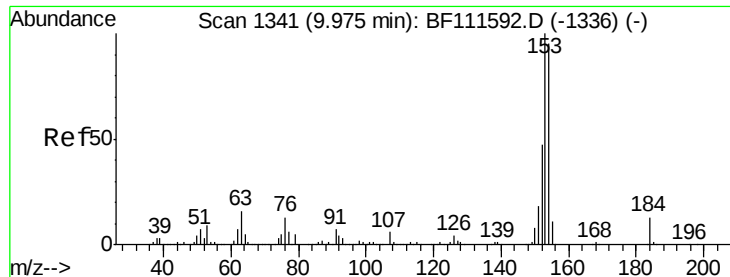


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

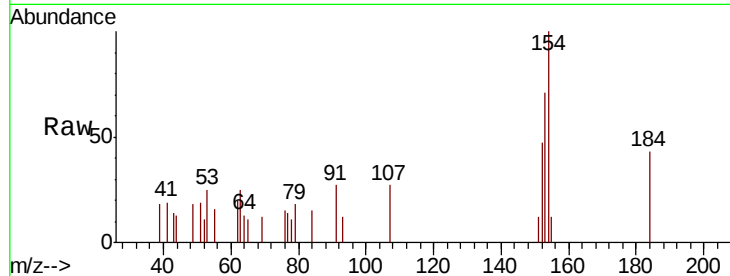




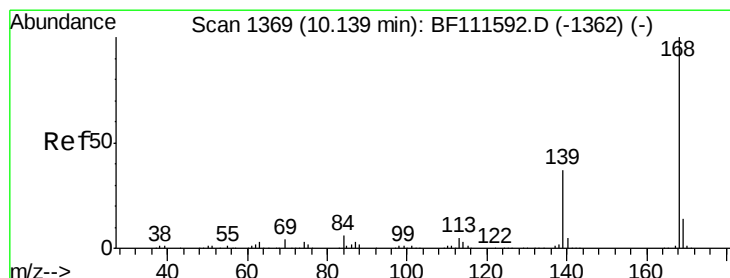
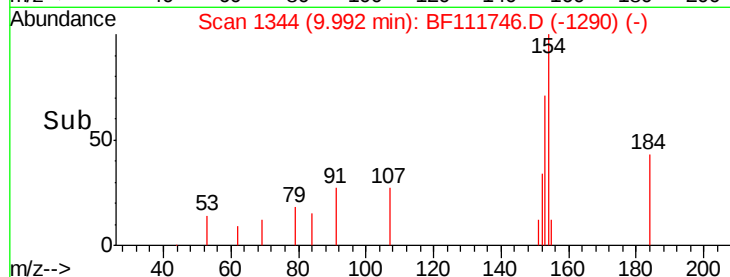
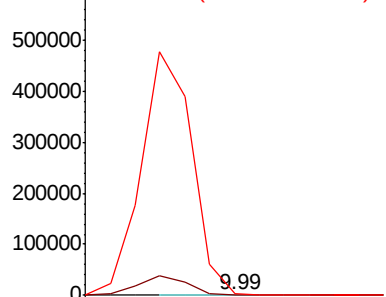
#54
2,4-Dinitrophenol
Concen: 8.385 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 912
Ion Ratio Lower Upper
184 100
63 58.4 62.3 93.5#
154 233.2 56.2 84.2#

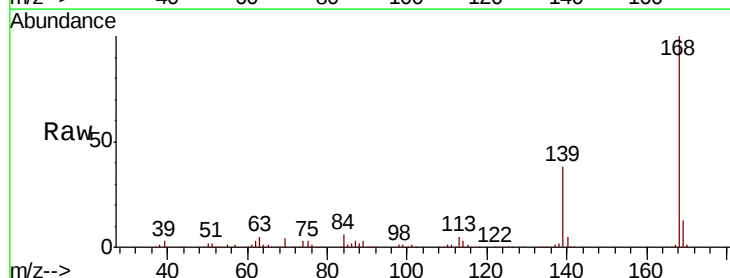


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

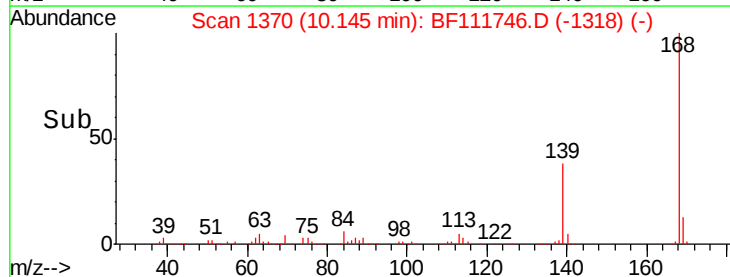
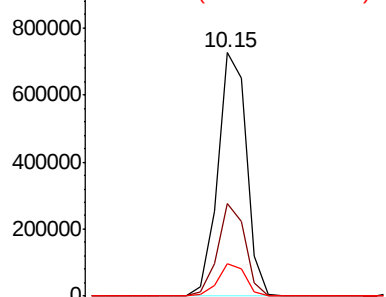


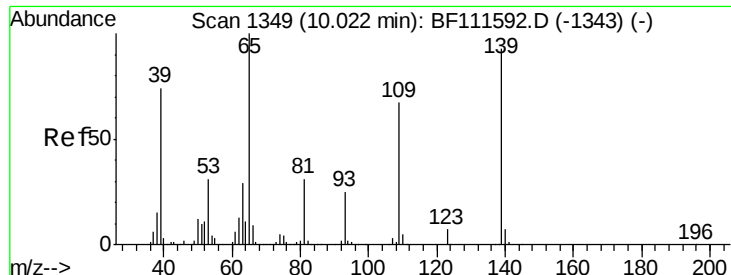
#55
Dibenzofuran
Concen: 42.208 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:168 Resp: 630843
Ion Ratio Lower Upper
168 100
139 37.8 32.6 49.0
169 13.3 11.8 17.6



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

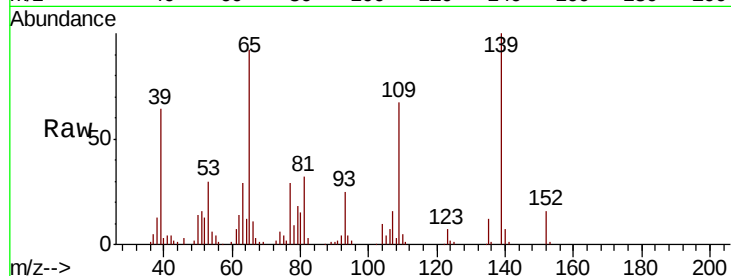




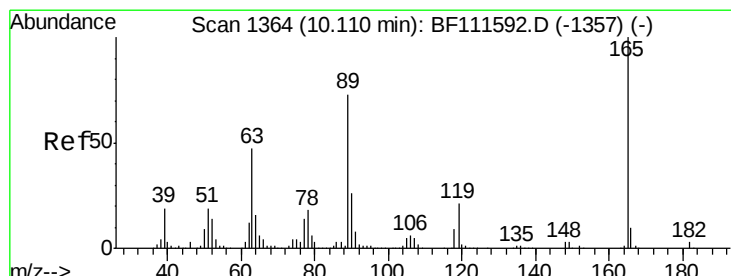
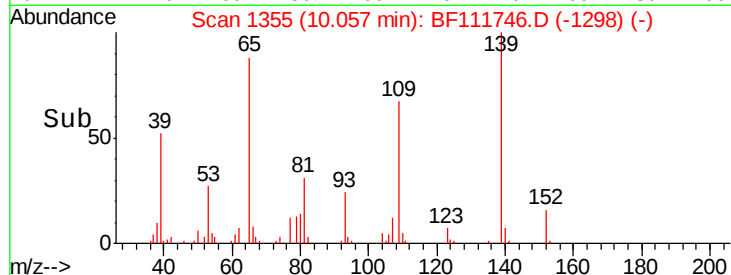
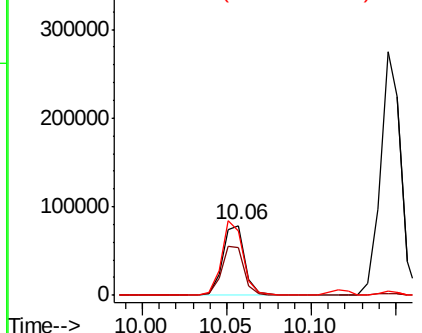
#56
4-Nitrophenol
Concen: 36.897 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 71928
Ion Ratio Lower Upper
139 100
109 67.5 41.8 81.8
65 92.4 79.6 119.6

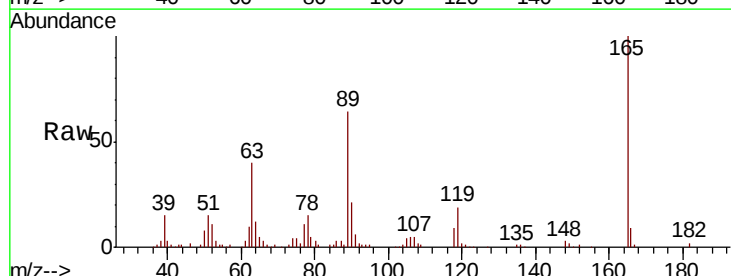


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

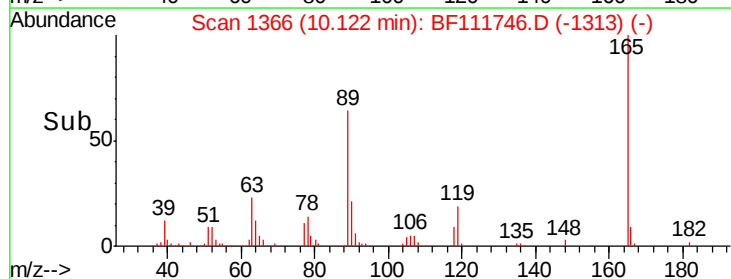
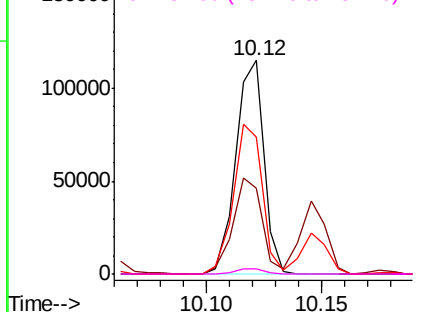


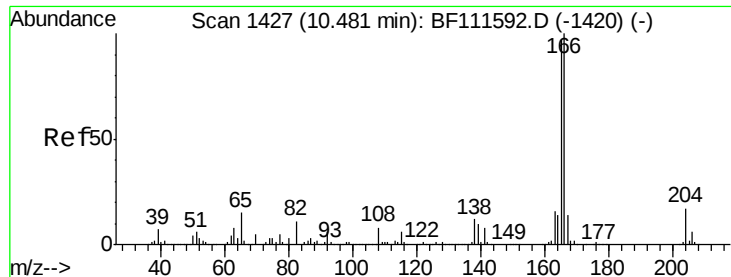
#57
2,4-Dinitrotoluene
Concen: 33.883 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:165 Resp: 97536
Ion Ratio Lower Upper
165 100
63 40.0 34.6 52.0
89 64.1 56.2 84.4
182 2.4 1.8 2.6



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





#58

Fluorene

Concen: 41.618 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

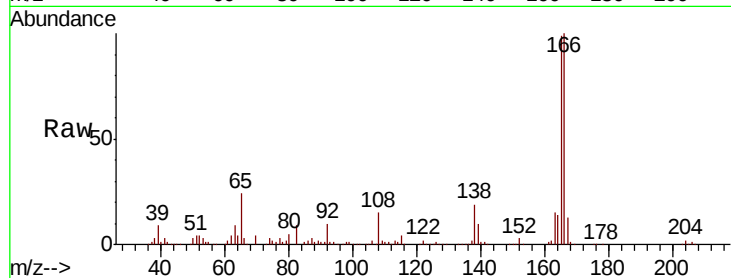
Tot Ion:166 Resp: 448222

Ion Ratio Lower Upper

166 100

165 99.4 78.4 117.6

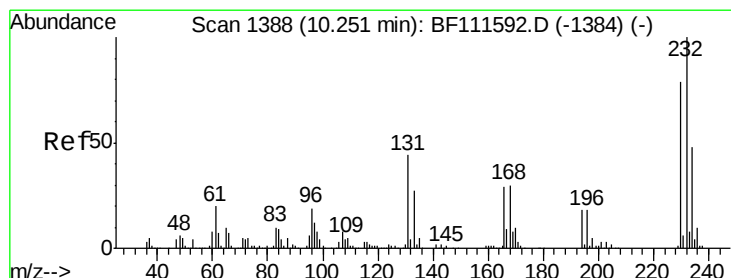
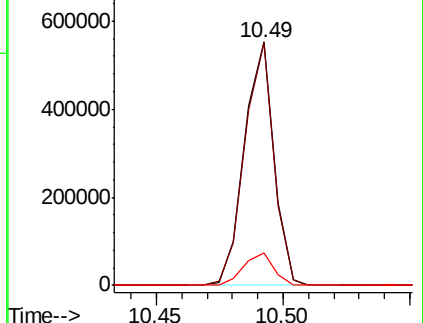
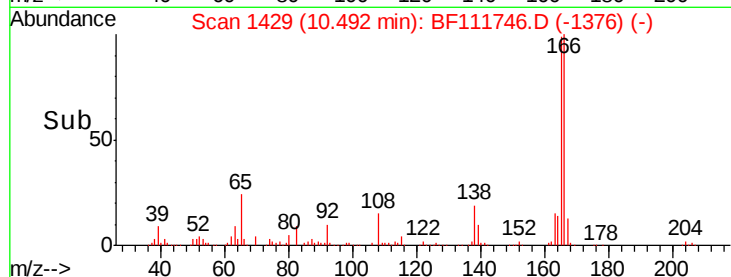
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 39.191 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Tgt Ion:232 Resp: 121932

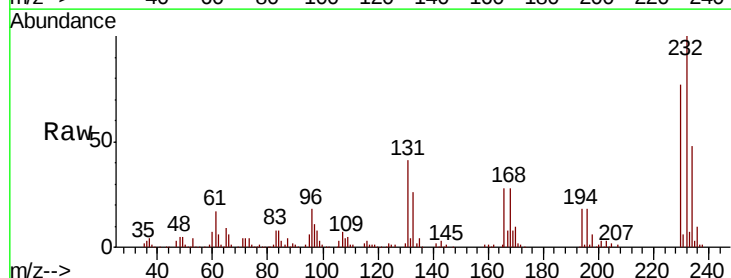
Ion Ratio Lower Upper

232 100

131 43.5 40.9 61.3

130 2.1 2.0 3.0

166 29.0 26.8 40.2

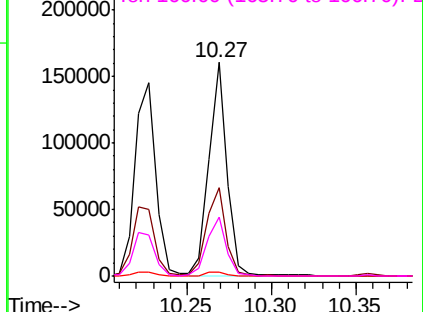
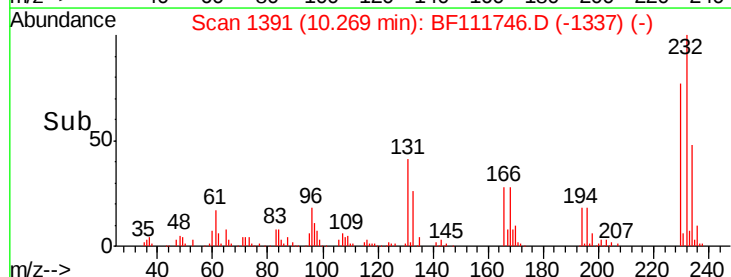


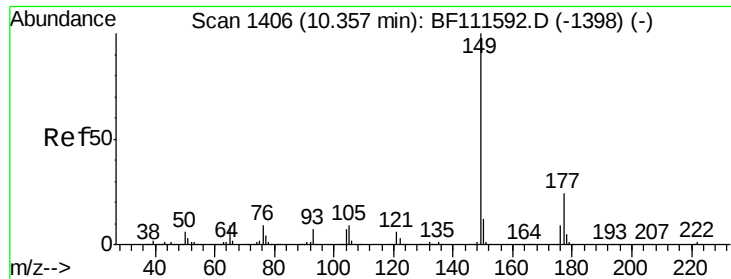
Abundance Ion 232.00 (231.70 to 232.70): E

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

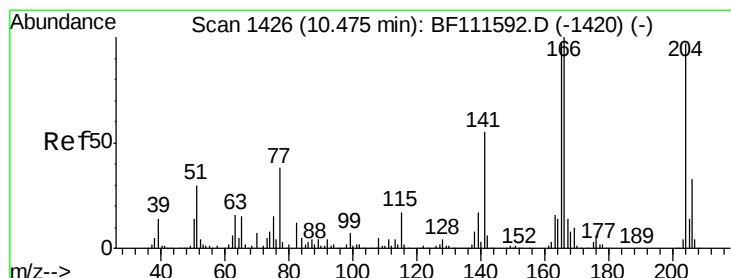
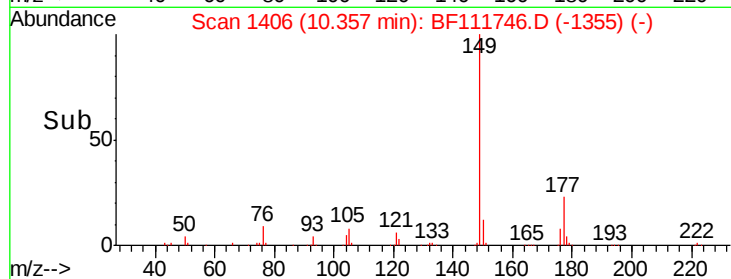
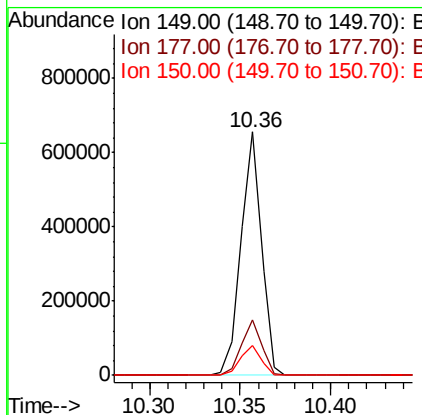
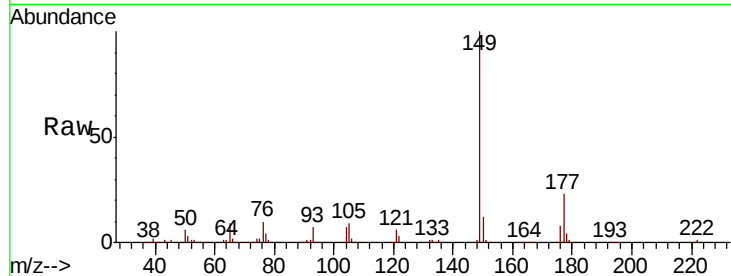




#60
Diethylphthalate
Concen: 43.737 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

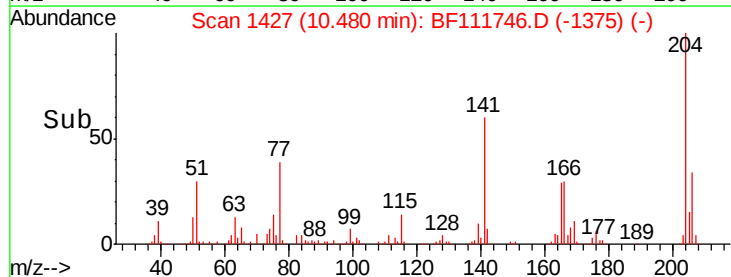
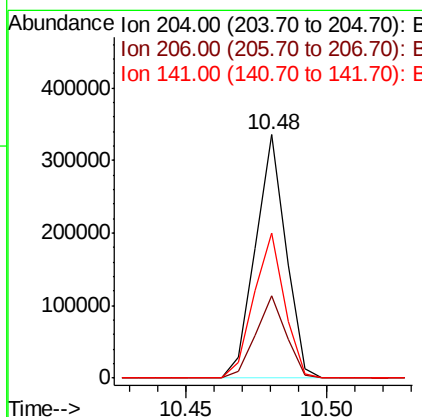
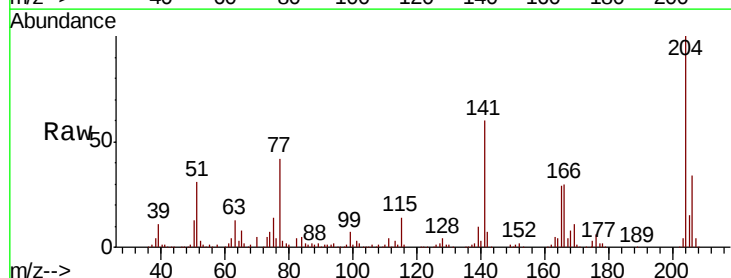
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

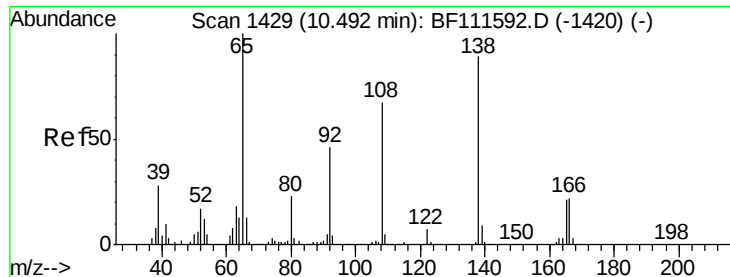
Tot Ion:149 Resp: 515341
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.0 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 42.351 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:204 Resp: 252002
Ion Ratio Lower Upper
204 100
206 34.0 26.6 39.8
141 59.8 52.6 78.8

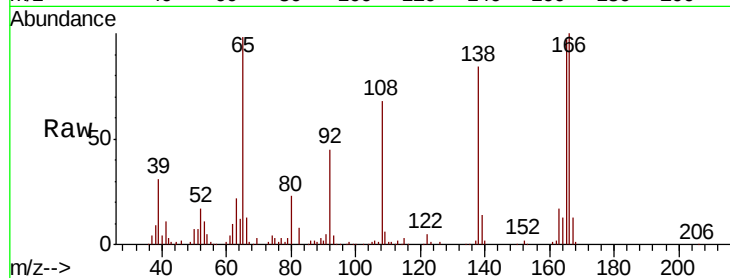




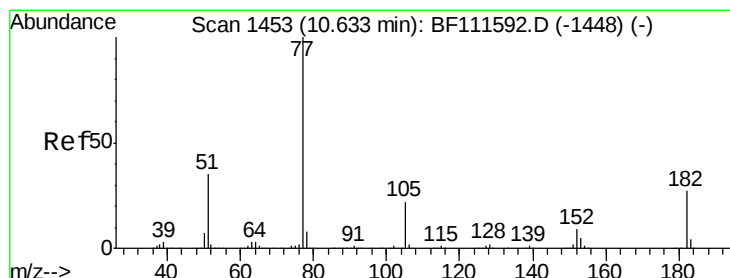
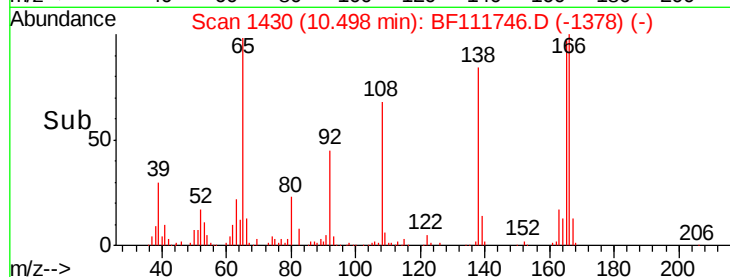
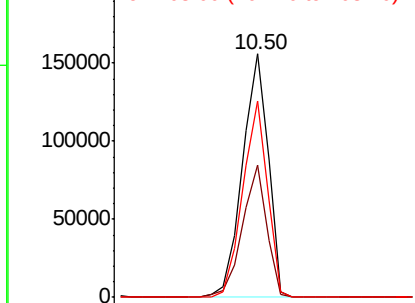
#62
4-Nitroaniline
Concen: 57.453 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 142639
Ion Ratio Lower Upper
138 100
92 54.1 29.9 69.9
108 80.7 43.2 83.2

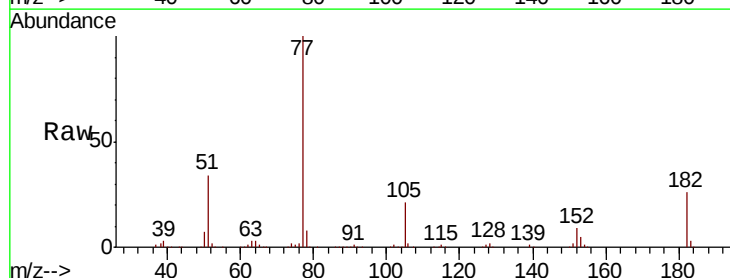


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

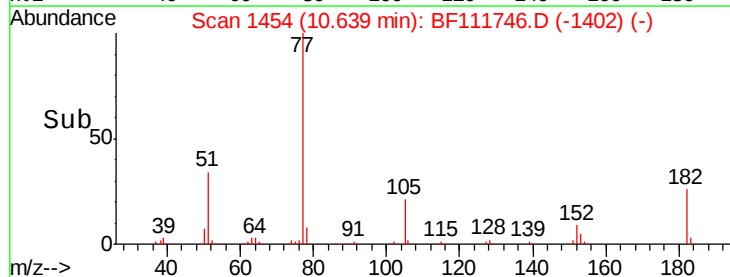
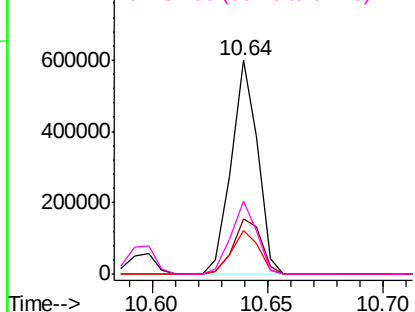


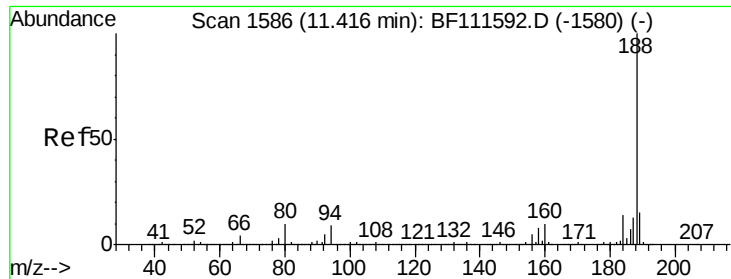
#63
Azobenzene
Concen: 40.130 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion: 77 Resp: 474703
Ion Ratio Lower Upper
77 100
182 25.8 4.9 44.9
105 20.6 6.0 46.0
51 34.0 14.7 54.7



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

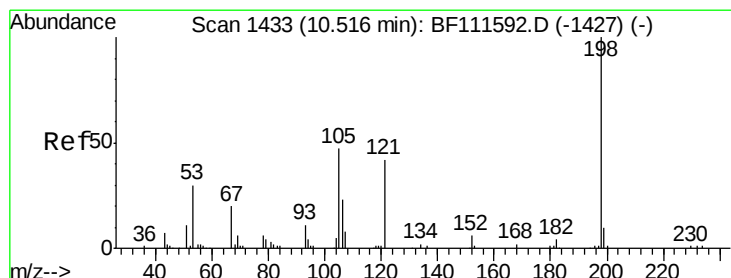
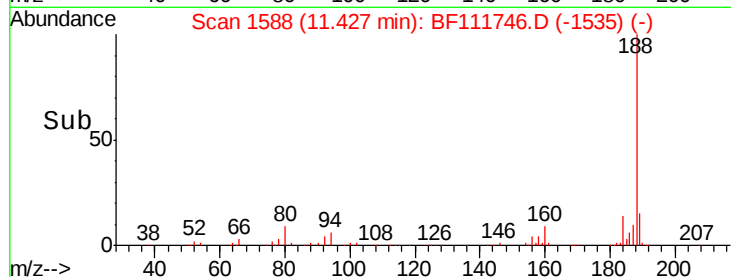
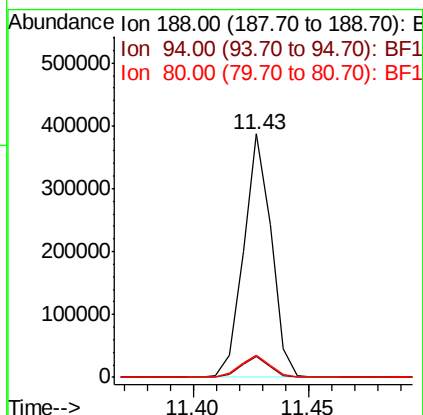
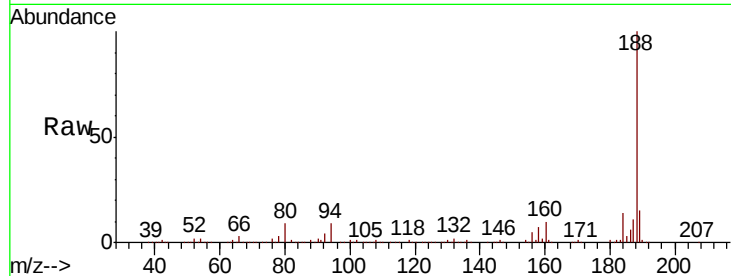




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

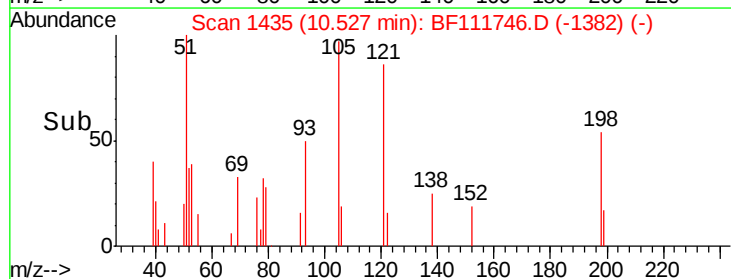
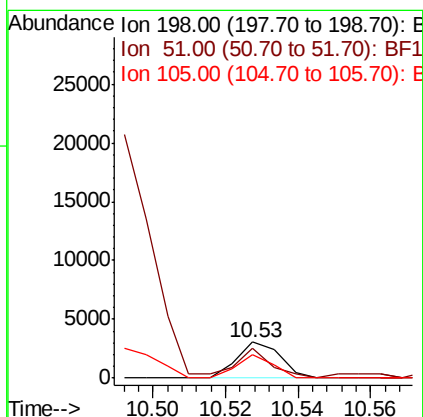
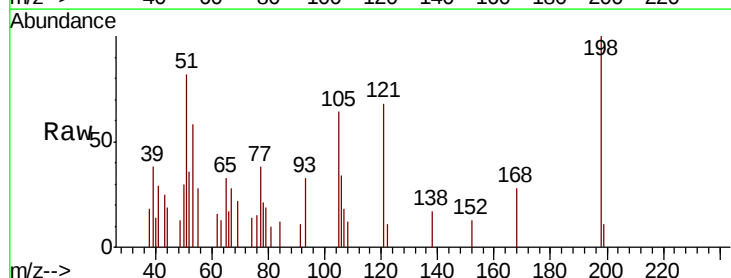
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

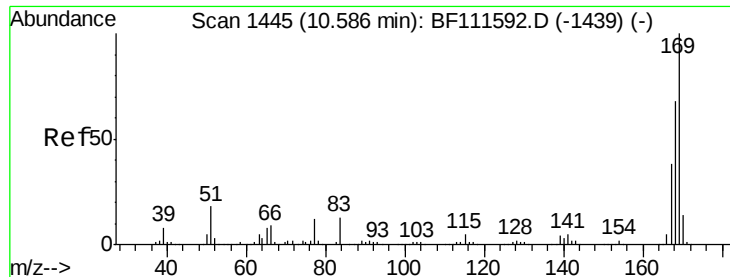
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	8.9	9.8	14.6#



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.319 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
198	100		
51	81.8	48.0	88.0
105	64.1	34.0	74.0

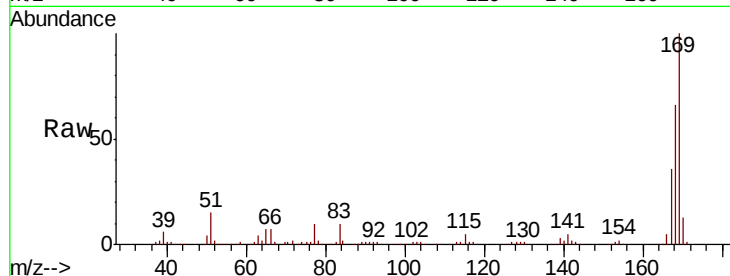




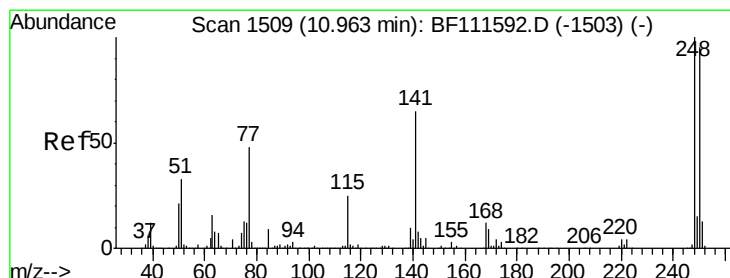
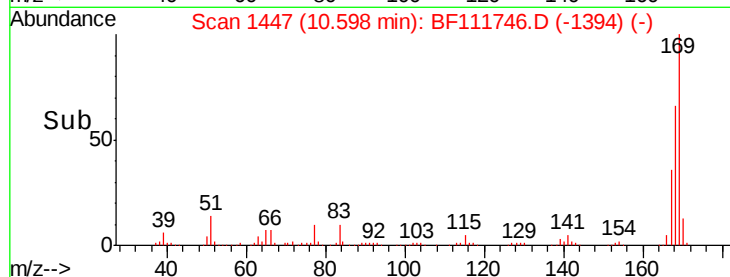
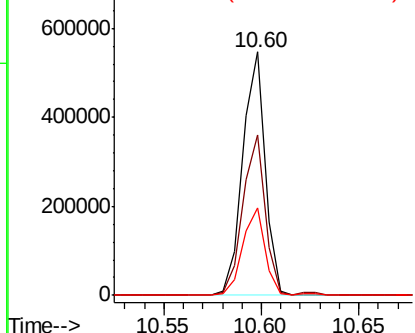
#66
 n-Nitrosodiphenylamine
 Concen: 40.108 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 436627
 Ion Ratio Lower Upper
 169 100
 168 65.7 54.4 81.6
 167 35.9 30.5 45.7

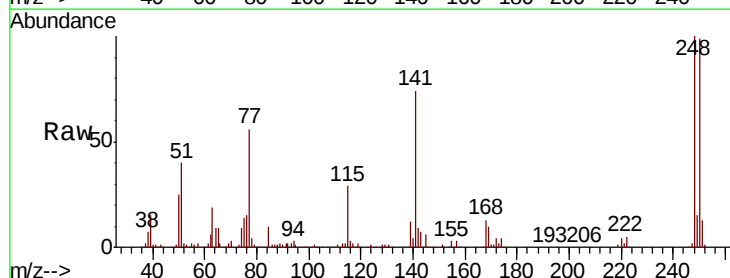


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

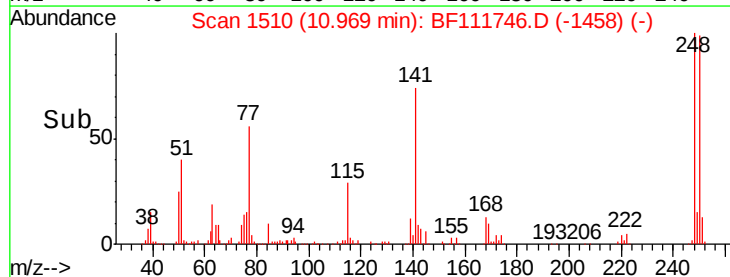
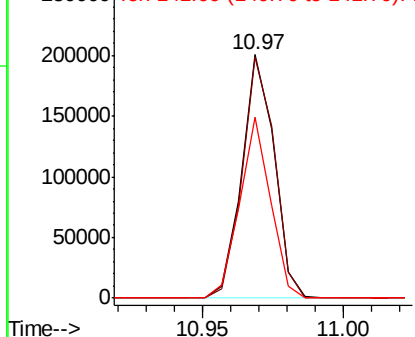


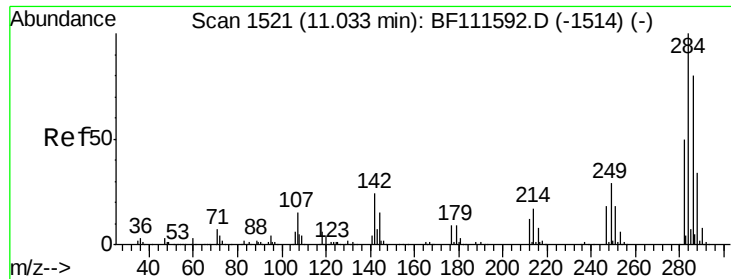
#67
 4-Bromophenyl-phenylether
 Concen: 39.639 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion:248 Resp: 159446
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.0 115.4
 141 74.5 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: 40.247 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

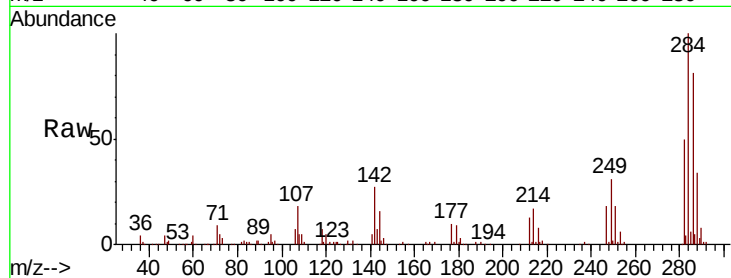
Tot Ion:284 Resp: 180506

Ion Ratio Lower Upper

284 100

142 27.1 27.4 41.2#

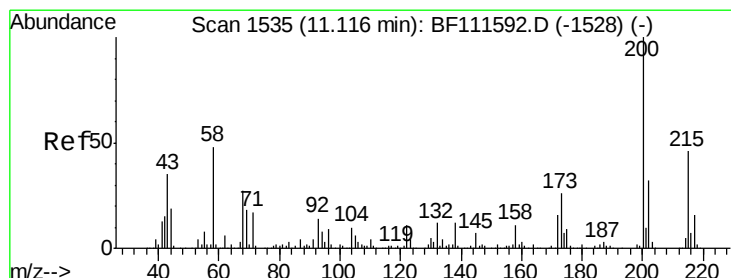
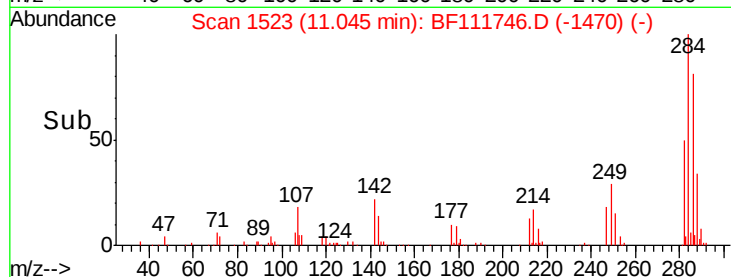
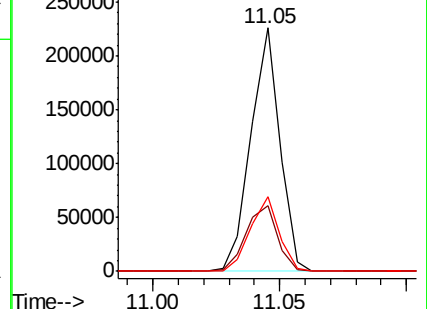
249 30.7 24.4 36.6



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: 30.687 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

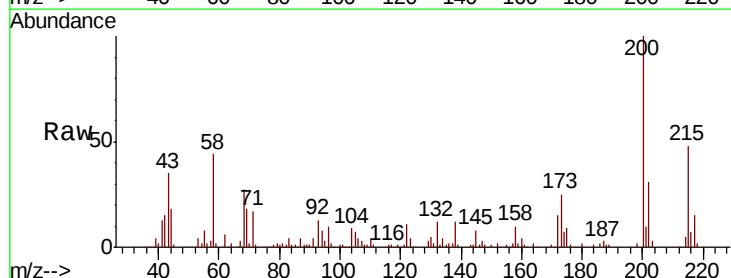
Tgt Ion:200 Resp: 116058

Ion Ratio Lower Upper

200 100

173 25.1 10.1 50.1

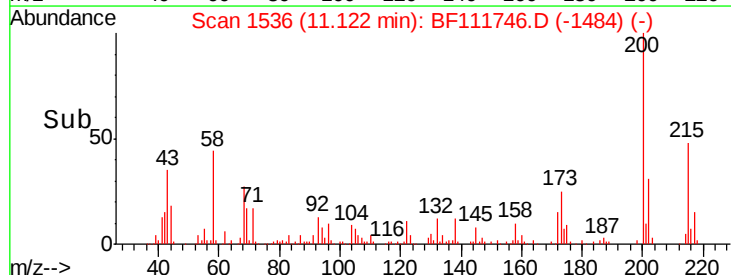
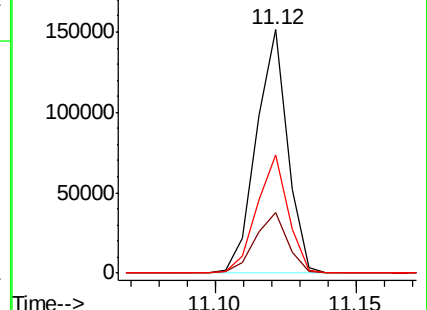
215 48.3 26.9 66.9

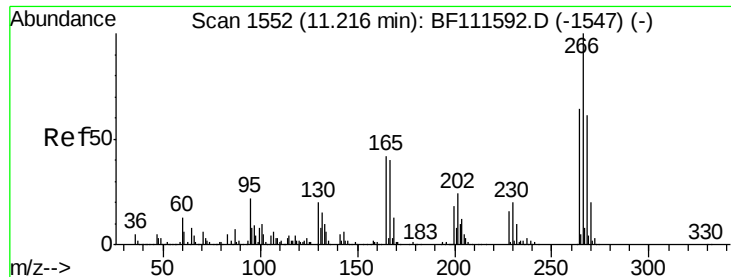


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

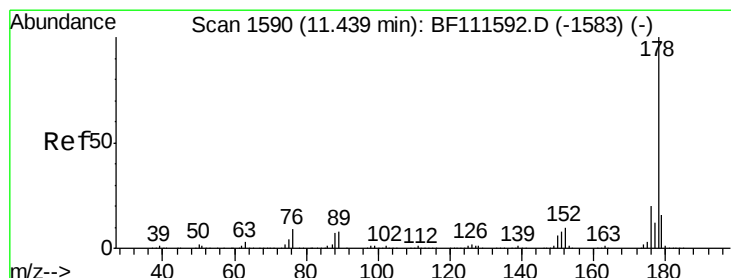
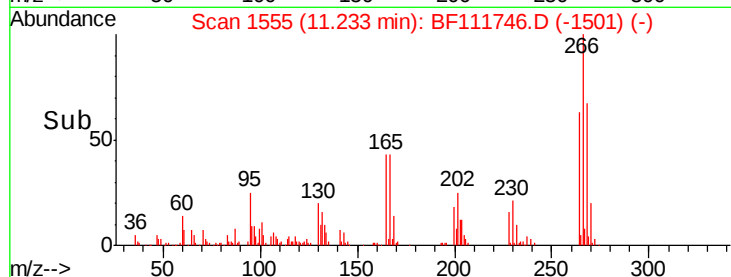
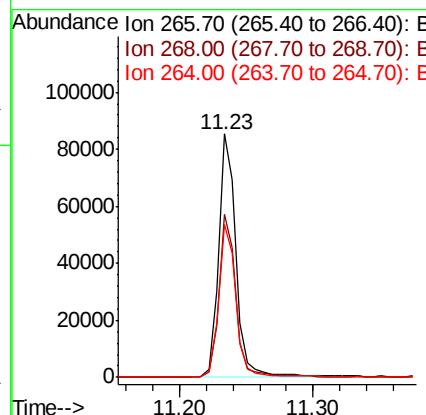
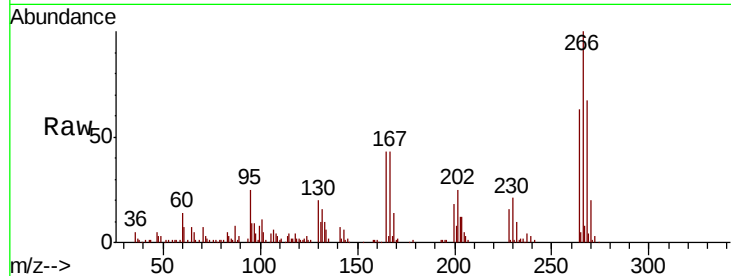




#70
 Pentachlorophenol
 Concen: 28.477 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

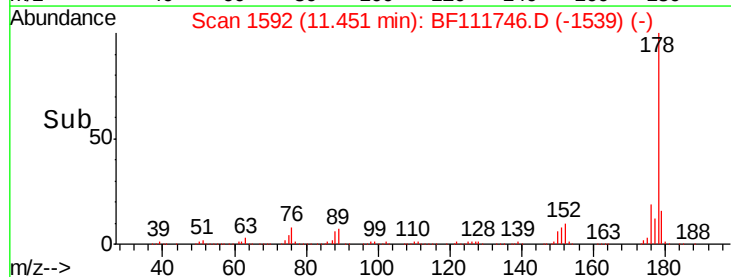
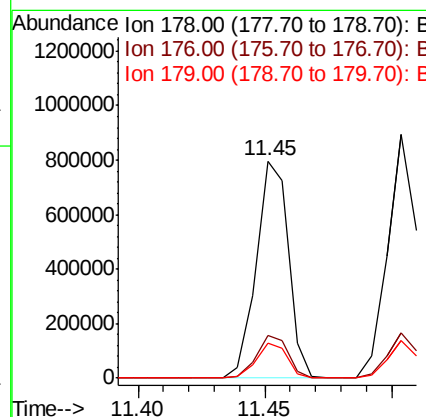
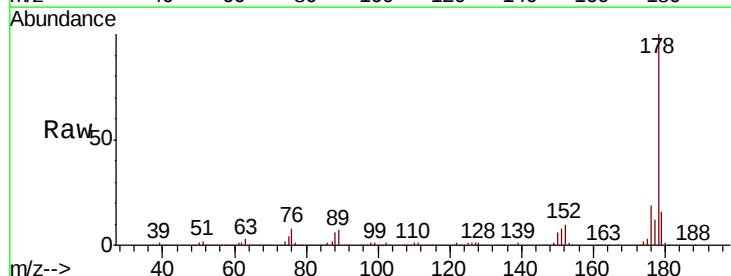
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

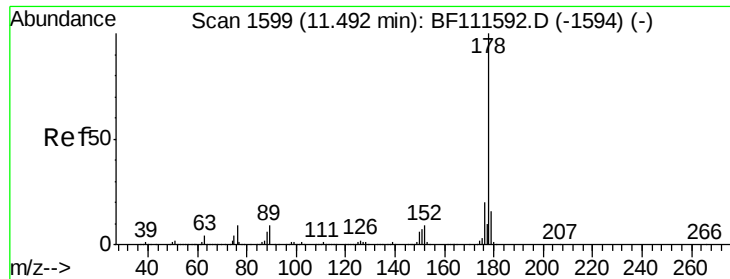
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	47.9	71.9
264	62.6	49.1	73.7



#71
 Phenanthrene
 Concen: 41.092 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.9	14.0	21.0

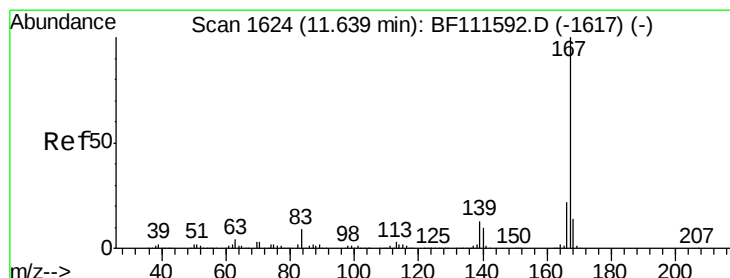
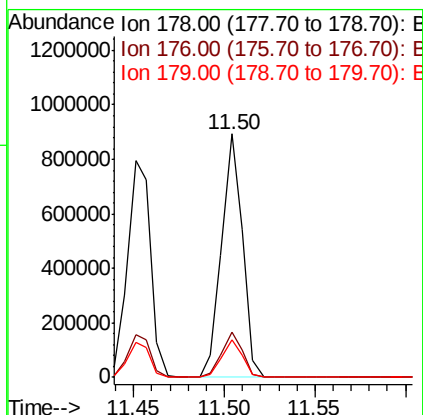
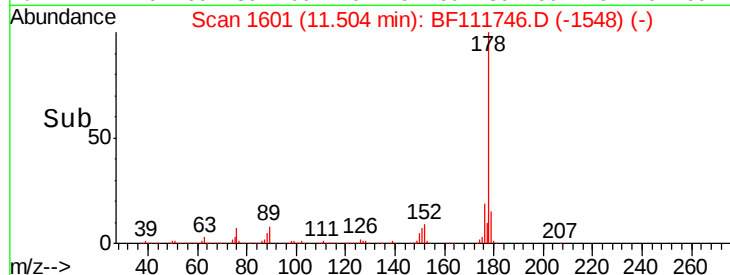
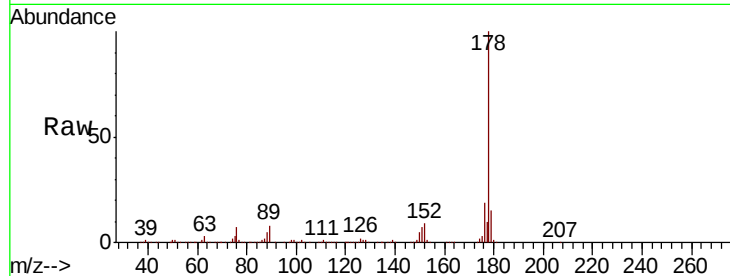




#72
 Anthracene
 Concen: 41.608 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

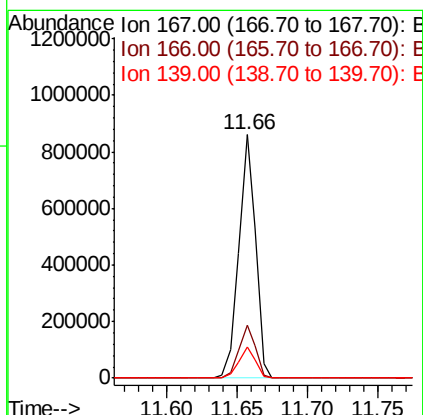
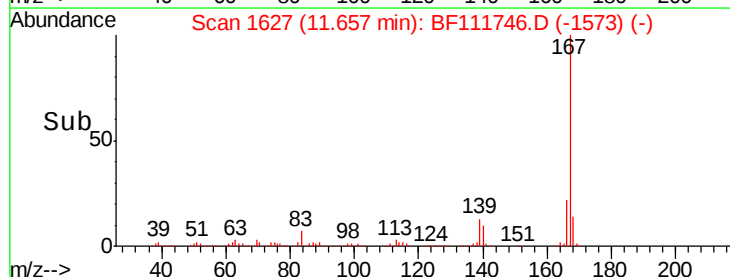
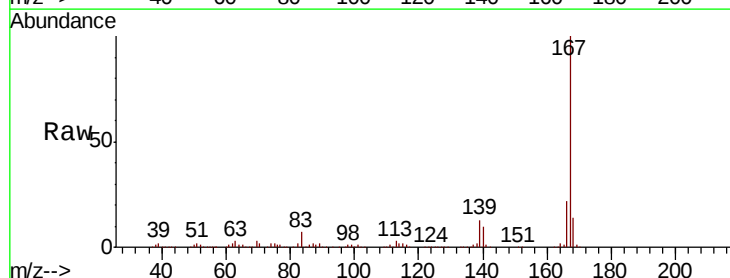
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

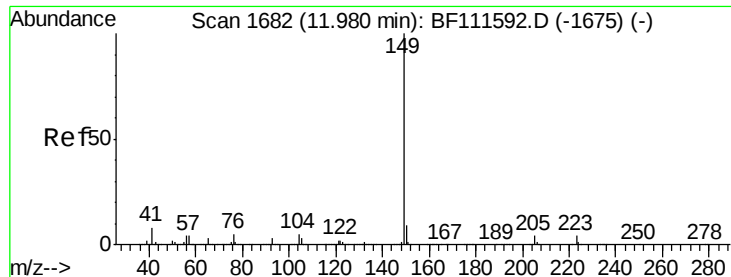
Tot Ion:178 Resp: 718308
 Ion Ratio Lower Upper
 178 100
 176 18.6 17.2 25.8
 179 15.2 13.8 20.8



#73
 Carbazole
 Concen: 42.177 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion:167 Resp: 706905
 Ion Ratio Lower Upper
 167 100
 166 21.7 19.3 28.9
 139 12.7 11.9 17.9

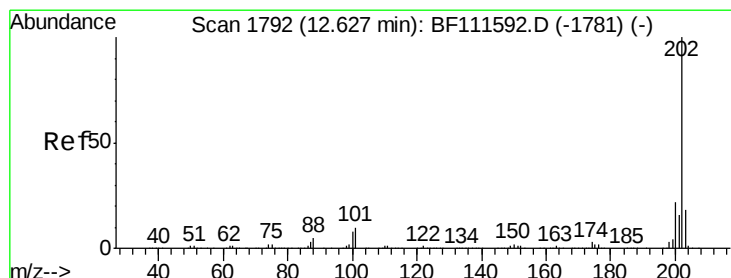
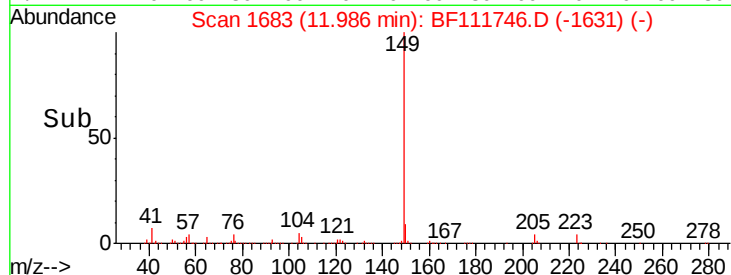
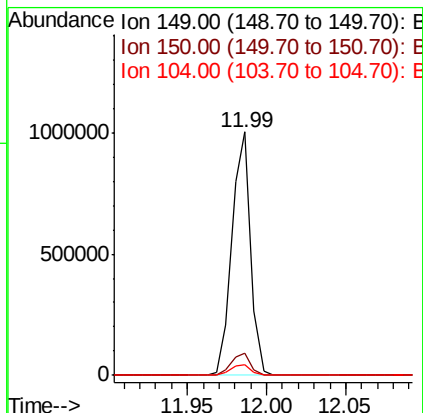
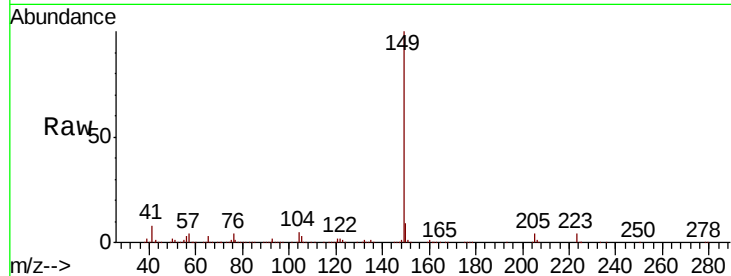




#74
Di-n-butylphthalate
Concen: 43.459 ng
RT: 11.99 min Scan# 1683
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

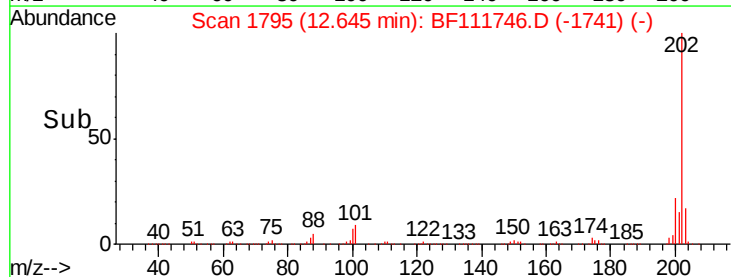
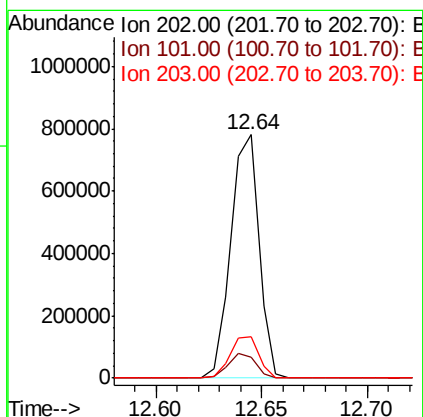
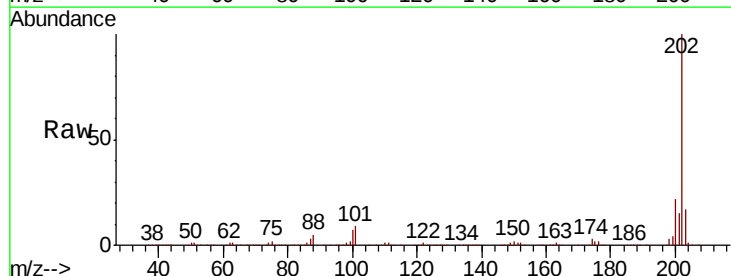
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

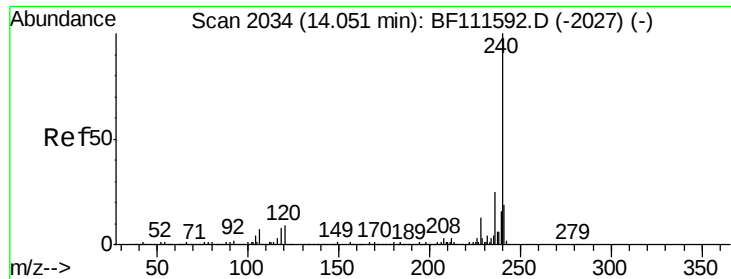
Tot Ion:149 Resp: 816685
Ion Ratio Lower Upper
149 100
150 9.3 8.8 13.2
104 4.5 4.5 6.7



#75
Fluoranthene
Concen: 41.144 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:202 Resp: 716584
Ion Ratio Lower Upper
202 100
101 8.8 0.0 33.8
203 17.2 0.0 38.6

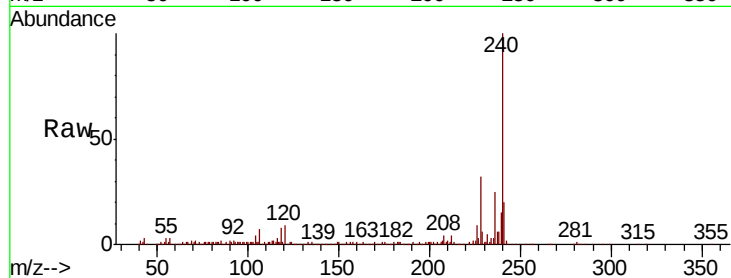




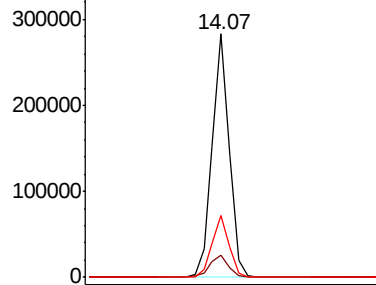
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

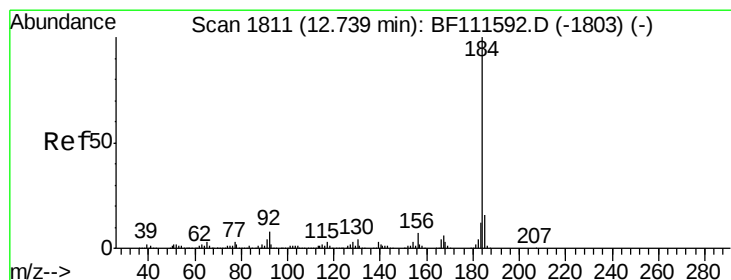
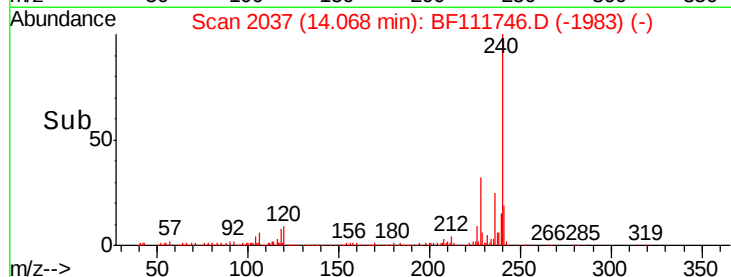
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.2	18.2#
236	25.5	20.2	30.2



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

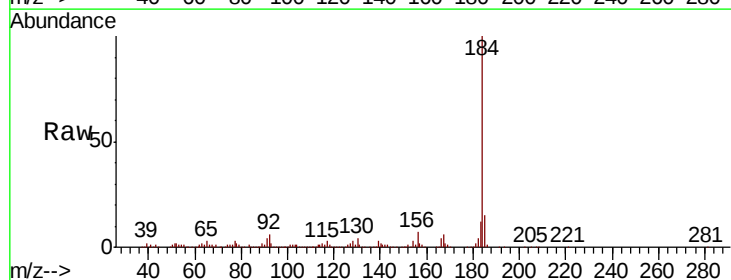


Time-->

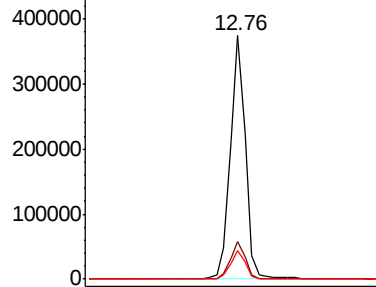


#77
 Benzidine
 Concen: 38.599 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

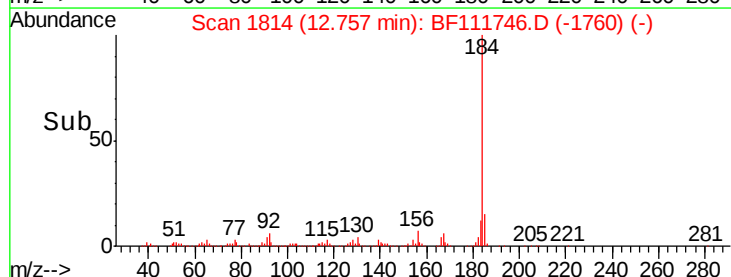
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.0	19.6
183	11.7	9.3	13.9

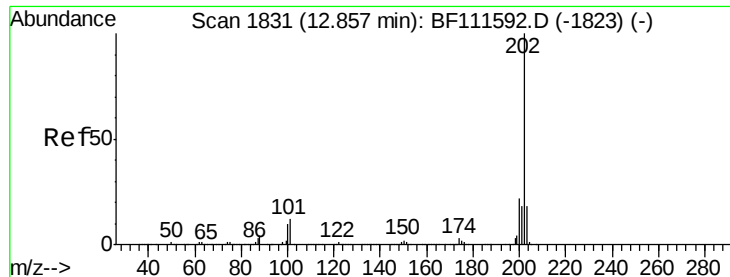


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E



Time-->

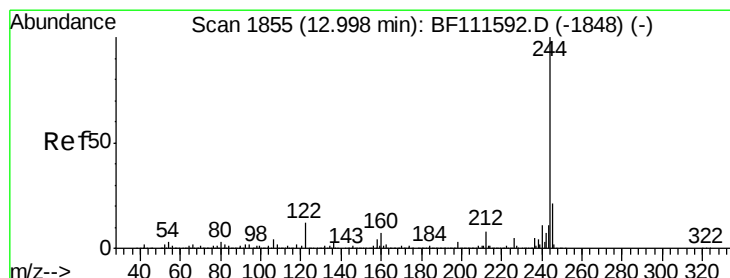
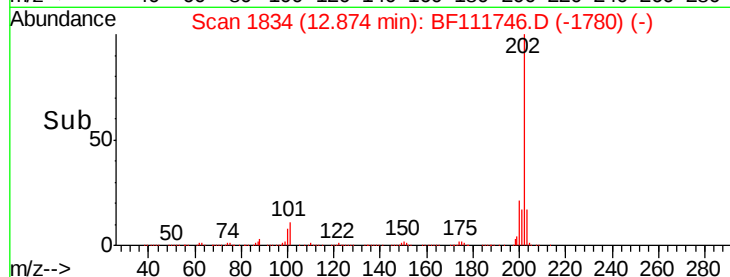
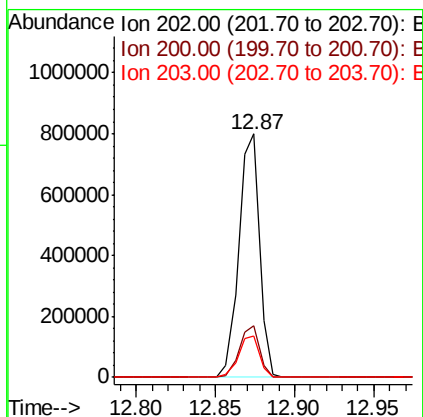
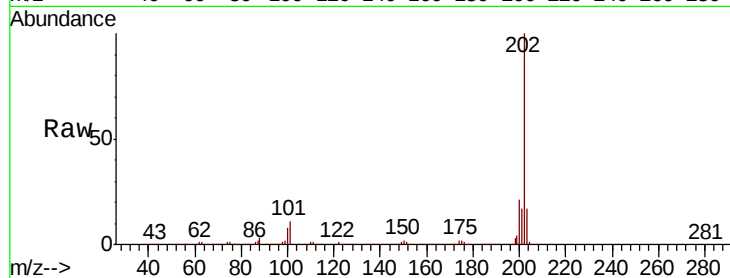




#78
Pvrene
Concen: 45.302 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

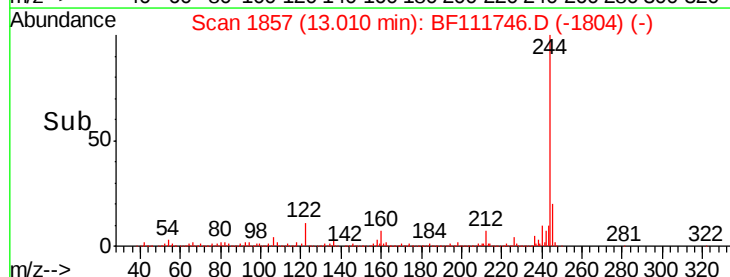
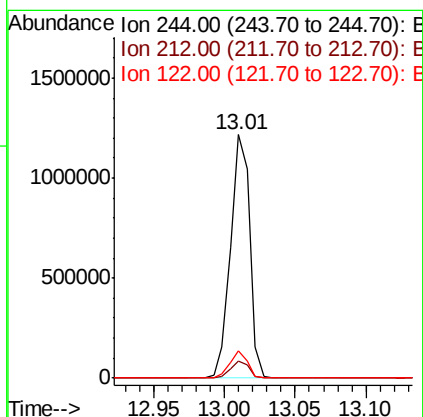
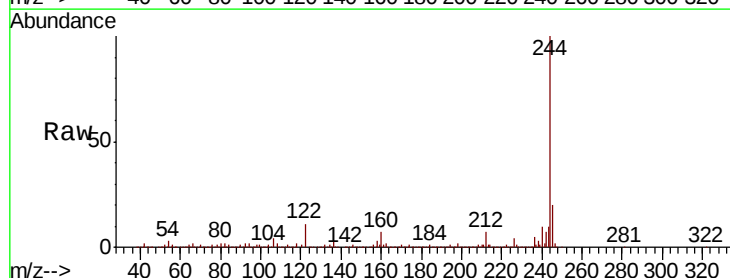
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

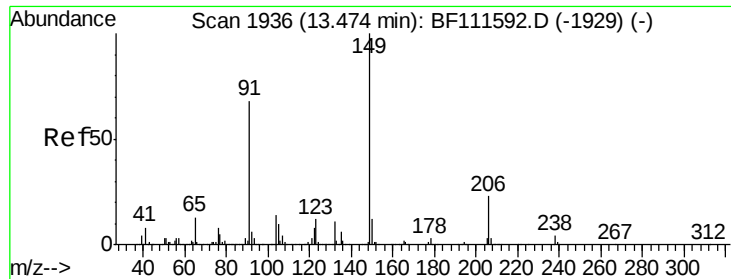
Tot Ion:202 Resp: 722538
Ion Ratio Lower Upper
202 100
200 21.3 19.0 28.4
203 17.1 15.2 22.8



#79
Terphenyl-d14
Concen: 96.311 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion:244 Resp: 1147011
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.4 13.1 19.7#

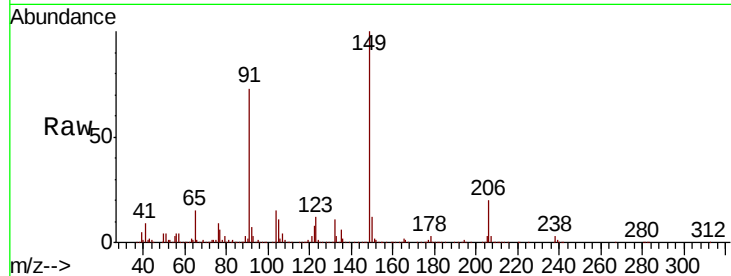




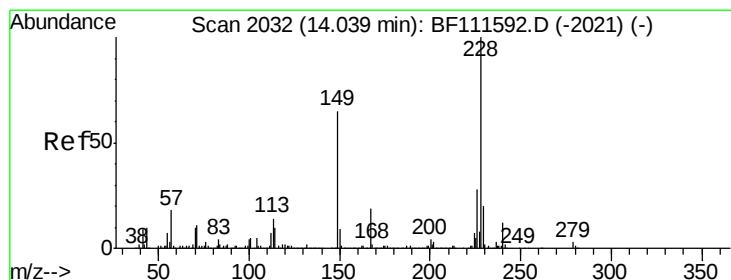
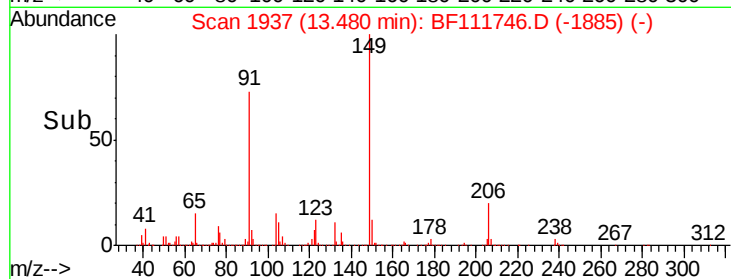
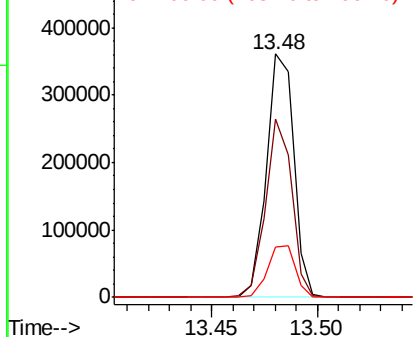
#80
Butylbenzylphthalate
Concen: 50.081 ng
RT: 13.48 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	63.8	95.6
206	20.5	15.1	22.7

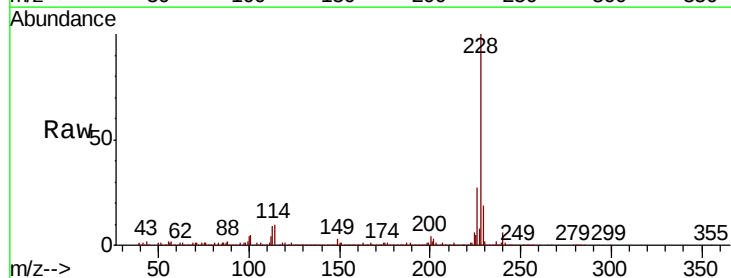


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

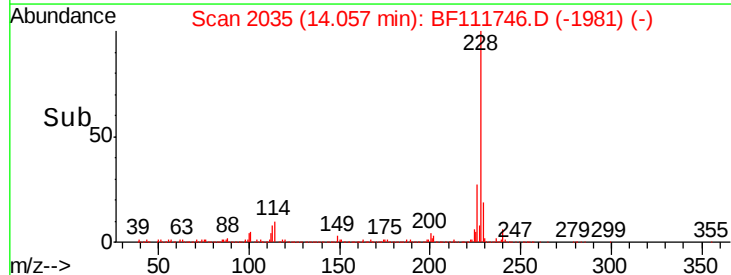
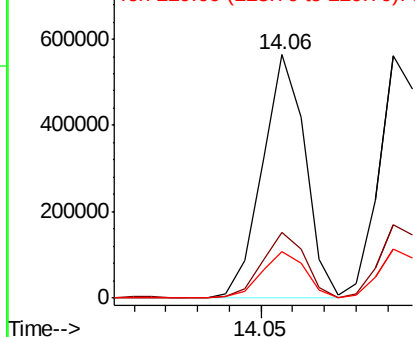


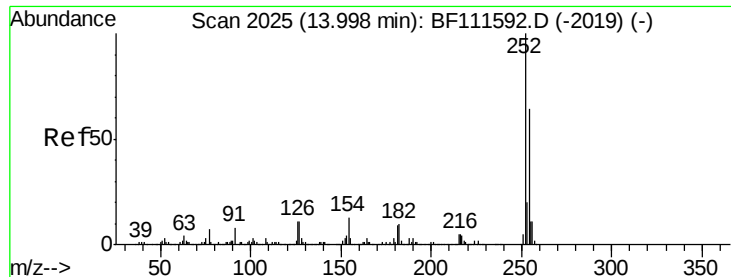
#81
Benzo(a)anthracene
Concen: 41.274 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.0	16.3	24.5



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

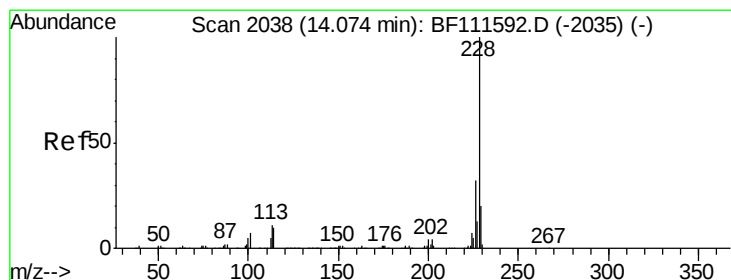
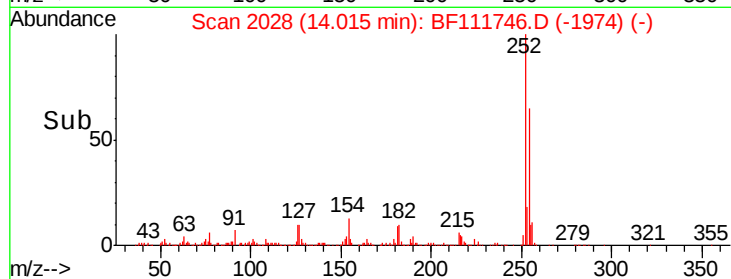
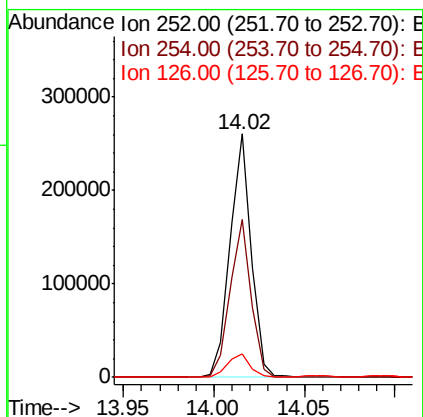
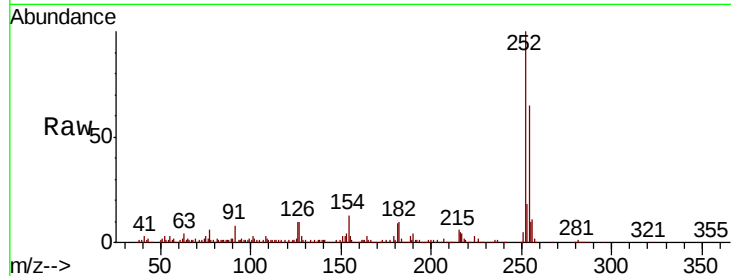




#82
 3,3'-Dichlorobenzidine
 Concen: 41.768 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

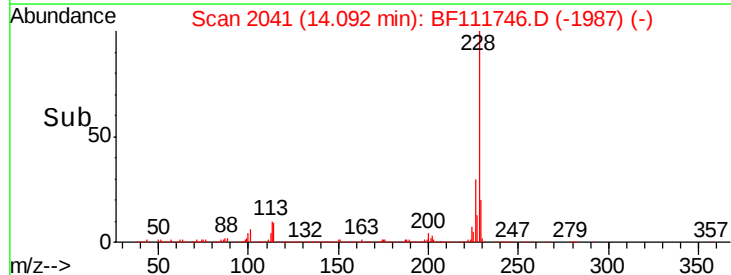
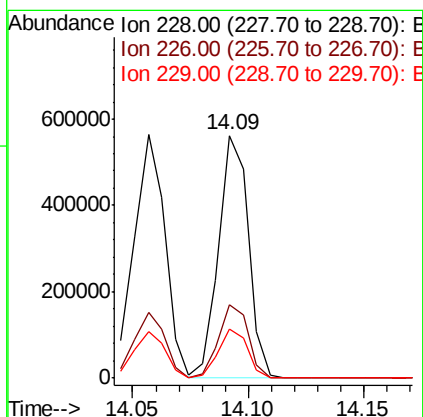
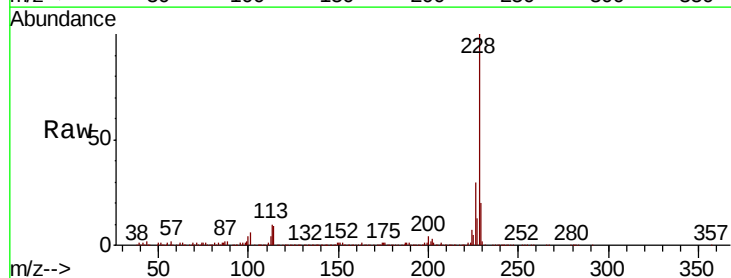
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

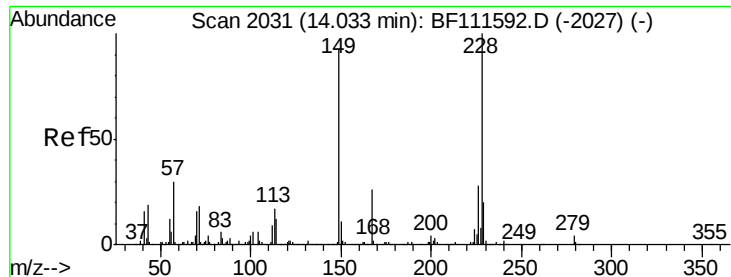
Tot Ion:252 Resp: 212709
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.7 79.1
 126 9.5 11.1 16.7#



#83
 Chrysene
 Concen: 39.737 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion:228 Resp: 503393
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.3 37.9
 229 20.1 17.2 25.8

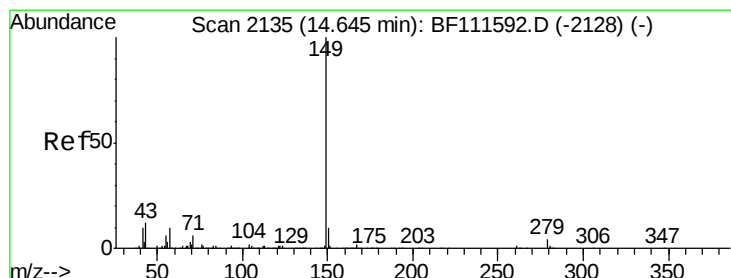
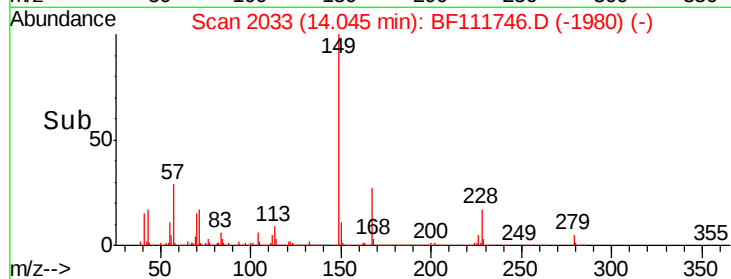
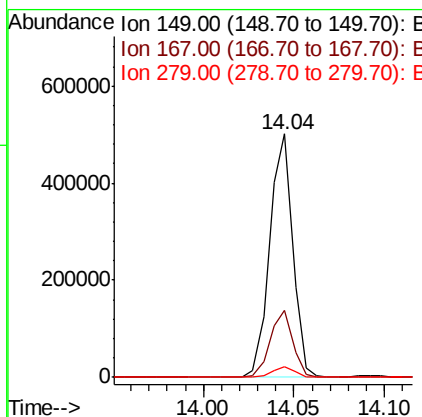
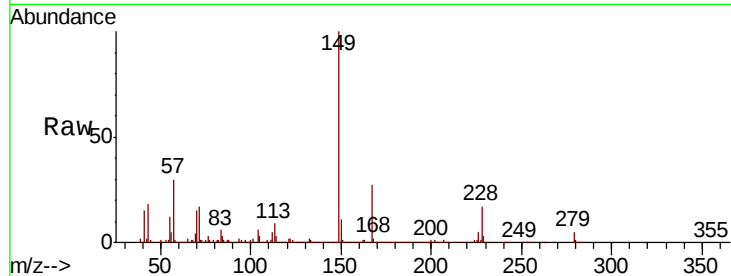




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.755 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

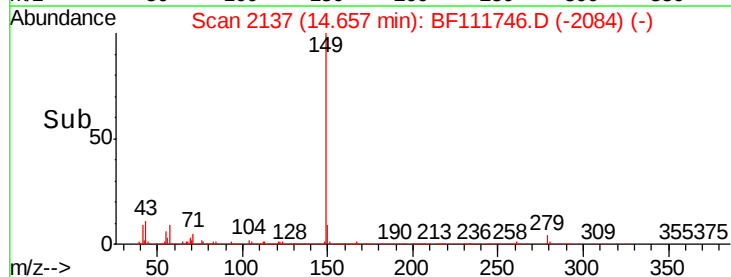
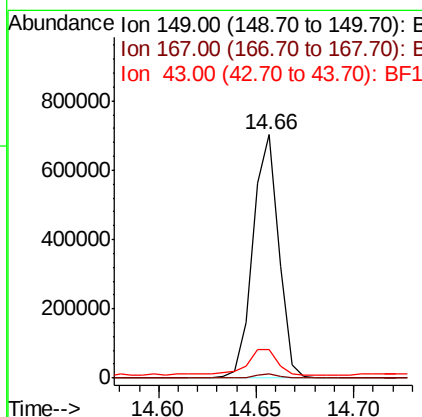
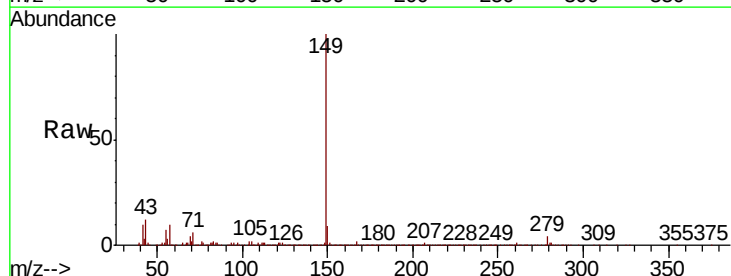
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

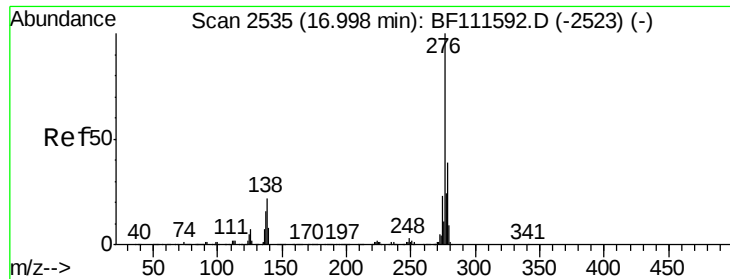
Tot Ion:149 Resp: 440209
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.5 33.7
 279 4.6 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 50.056 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion:149 Resp: 635102
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 10.9 16.3

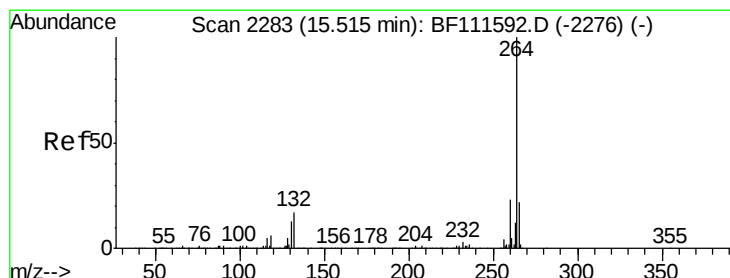
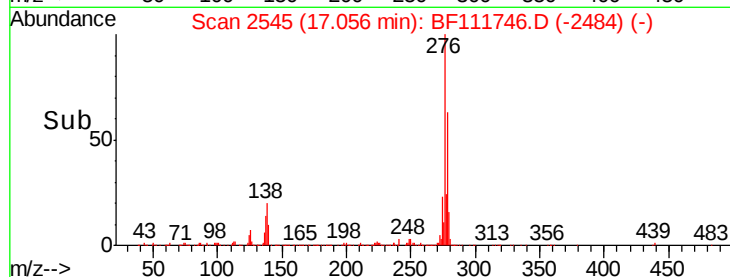
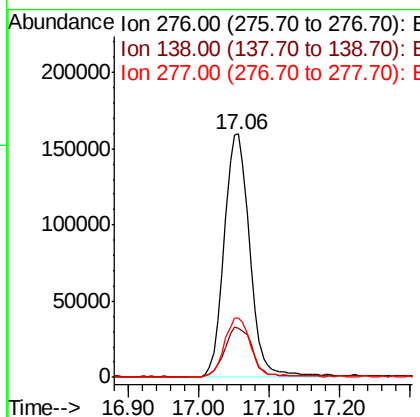
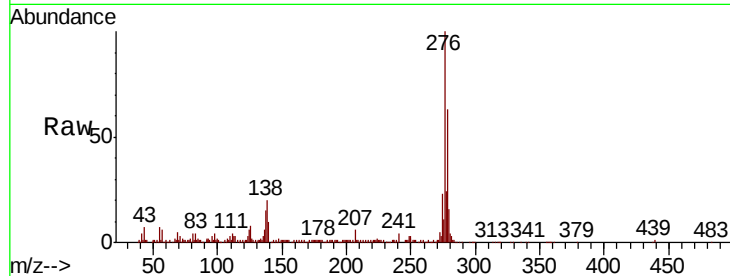




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 37.717 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.06 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

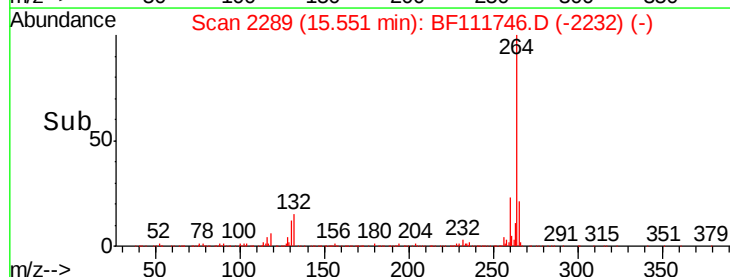
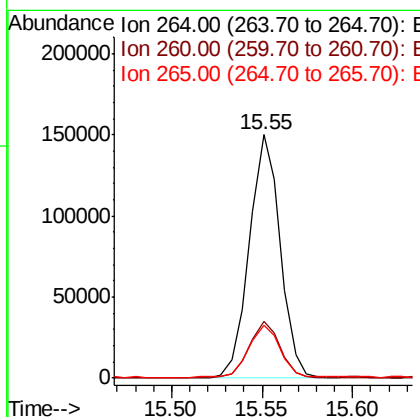
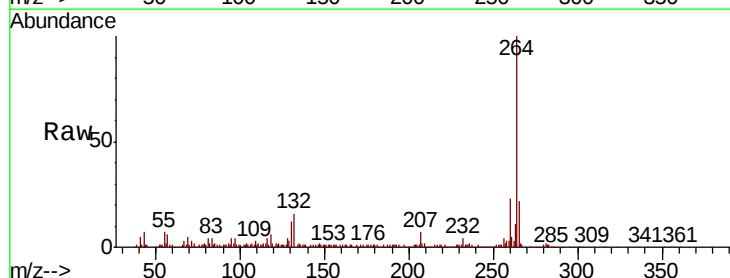
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

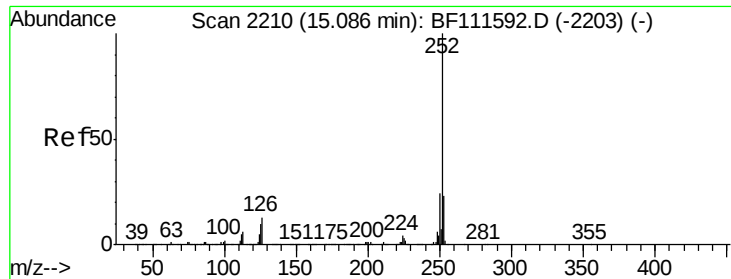
Tot Ion:276 Resp: 406185
 Ion Ratio Lower Upper
 276 100
 138 21.6 27.8 41.6#
 277 25.3 20.1 30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.04 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion:264 Resp: 178410
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 22.0 17.7 26.5

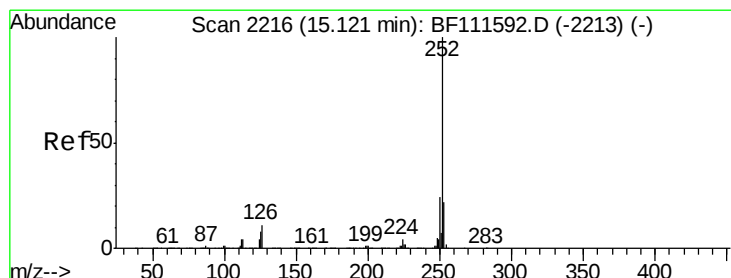
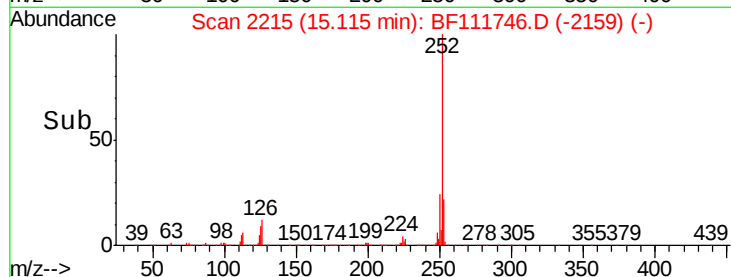
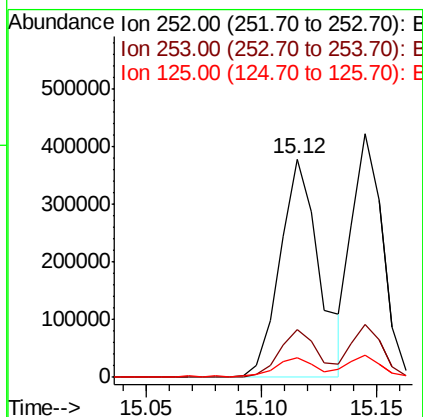
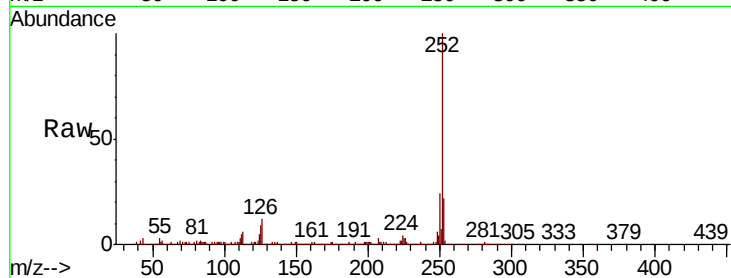




#88
Benzo(b)fluoranthene
Concen: 42.518 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

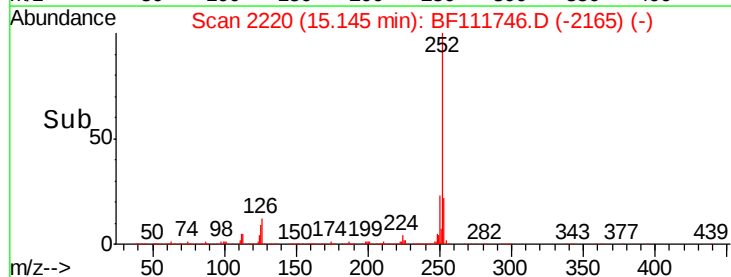
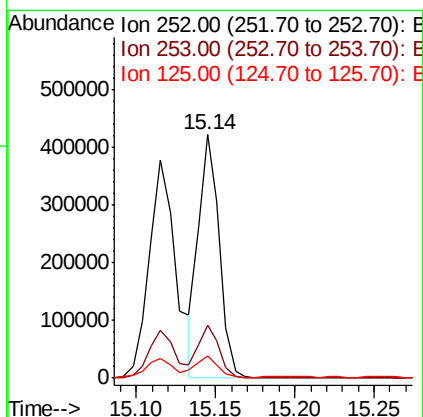
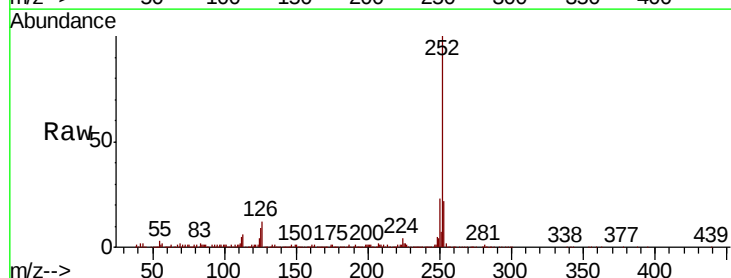
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

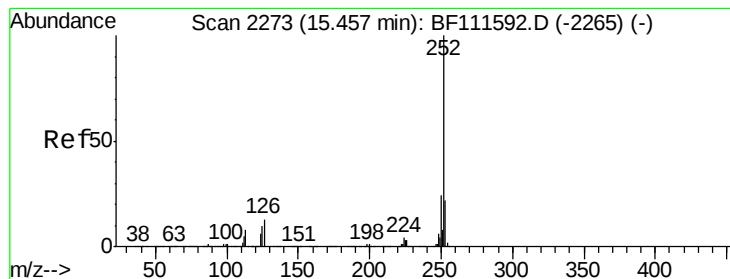
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.2	10.4	15.6#



#89
Benzo(k)fluoranthene
Concen: 38.856 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.1	9.8	14.8#





#90

Benzo(a)pyrene

Concen: 40.299 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

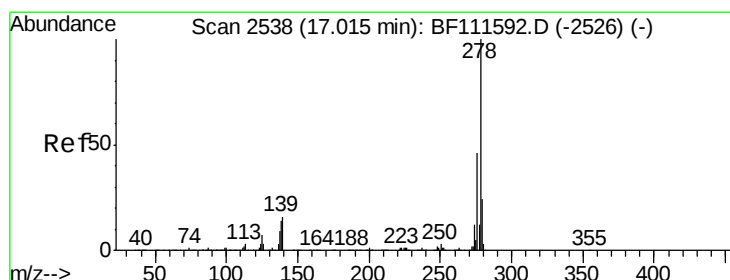
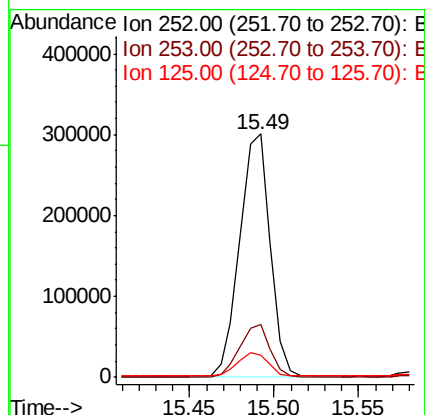
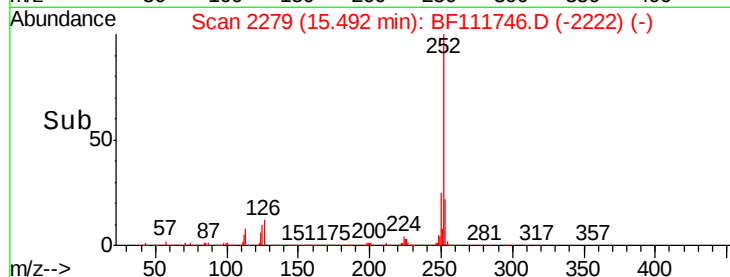
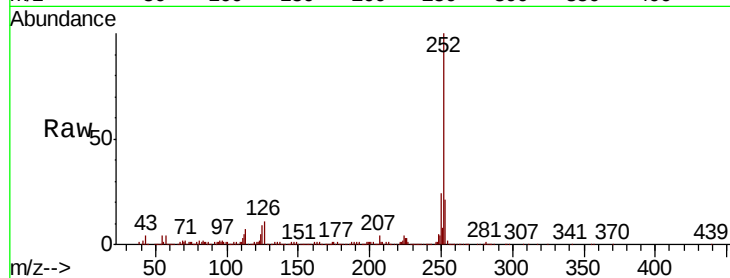
Tot Ion:252 Resp: 381753

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 9.2 12.3 18.5#



#91

Dibenzo(a,h)anthracene

Concen: 41.829 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.05 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

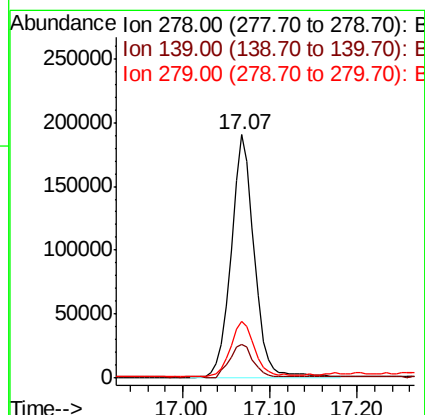
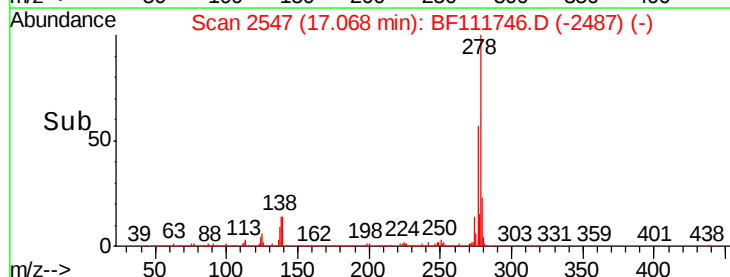
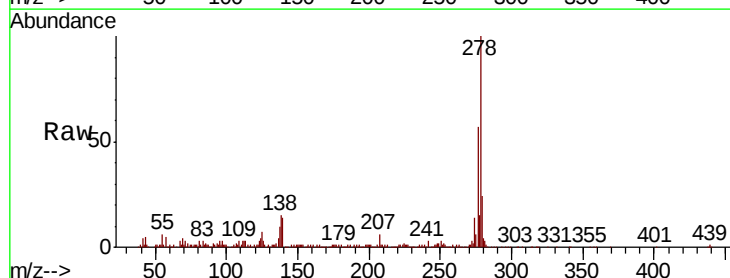
Tgt Ion:278 Resp: 346983

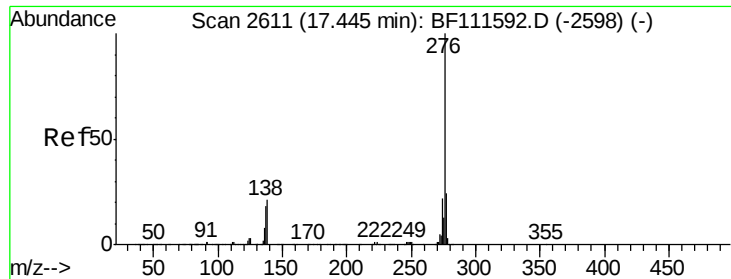
Ion Ratio Lower Upper

278 100

139 14.0 18.2 27.4#

279 23.5 19.0 28.6





#92
 Benzo(a,h,i)perylene
 Concen: 38.890 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.06 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	18.7	24.9	37.3

