

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

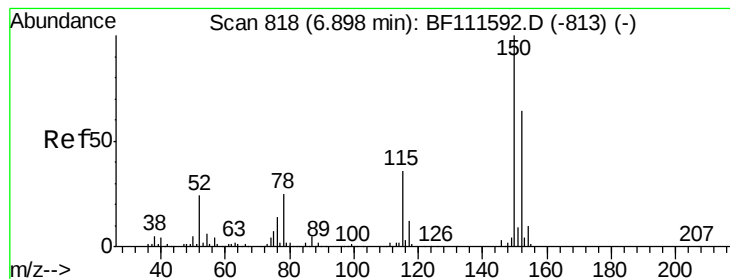
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	3539	1.351	nq	88
43) 2,4,6-Trichlorophenol	9.18	196	147220	40.853	nq	98
44) 2,4,5-Trichlorophenol	9.22	196	153439	41.504	nq	94
46) 1,1'-Biphenyl	9.36	154	604952	43.629	nq	94
47) 2-Chloronaphthalene	9.39	162	462195	42.072	nq	96
48) 2-Nitroaniline	9.48	65	146647	51.312	nq	91
49) Acenaphthylene	9.80	152	668343	41.667	nq	95
50) Dimethylphthalate	9.66	163	530646	44.177	nq	97
51) 2,6-Dinitrotoluene	9.72	165	84453	35.260	nq	91
52) Acenaphthene	9.97	154	400271	40.461	nq	98
53) 3-Nitroaniline	9.89	138	142014	55.596	nq	100
54) 2,4-Dinitrophenol	9.99	184	912	8.385	nq #	1
55) Dibenzofuran	10.15	168	630843	42.208	nq	96
56) 4-Nitrophenol	10.06	139	71928	36.897	nq	93
57) 2,4-Dinitrotoluene	10.12	165	97536	33.883	nq	93
58) Fluorene	10.49	166	448222	41.618	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	121932	39.191	nq	91
60) Diethylphthalate	10.36	149	515341	43.737	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	252002	42.351	nq	95
62) 4-Nitroaniline	10.50	138	142639	57.453	nq	85
63) Azobenzene	10.64	77	474703	40.130	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	2533	8.319	nq	84
66) n-Nitrosodiphenylamine	10.60	169	436627	40.108	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	159446	39.639	nq	96
68) Hexachlorobenzene	11.05	284	180506	40.247	nq #	93
69) Atrazine	11.12	200	116058	30.687	nq	95
70) Pentachlorophenol	11.23	266	78957	28.477	nq	95
71) Phenanthrene	11.45	178	706746	41.092	nq	95
72) Anthracene	11.50	178	718308	41.608	nq	95
73) Carbazole	11.66	167	706905	42.177	nq	95
74) Di-n-butylphthalate	11.99	149	816685	43.459	nq	96
75) Fluoranthene	12.64	202	716584	41.144	nq	93
77) Benzidine	12.76	184	328047	38.599	nq	99
78) Pyrene	12.87	202	722538	45.302	nq	95
80) Butylbenzylphthalate	13.48	149	325591	50.081	nq	94
81) Benzo(a)anthracene	14.06	228	531991	41.274	nq	97
82) 3,3'-Dichlorobenzidine	14.02	252	212709	41.768	nq #	97
83) Chrysene	14.09	228	503393	39.737	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	440209	53.755	nq #	98
85) Di-n-octyl phthalate	14.66	149	635102	50.056	nq	96
86) Indeno(1,2,3-cd)pyrene	17.06	276	406185	37.717	nq #	87
88) Benzo(b)fluoranthene	15.12	252	443339	42.518	nq #	95
89) Benzo(k)fluoranthene	15.14	252	385716	38.856	nq #	96
90) Benzo(a)pyrene	15.49	252	381753	40.299	nq #	93
91) Dibenzo(a,h)anthracene	17.07	278	346983	41.829	nq #	91
92) Benzo(g,h,i)perylene	17.51	276	315013	38.890	nq #	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

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SSTDCCC040

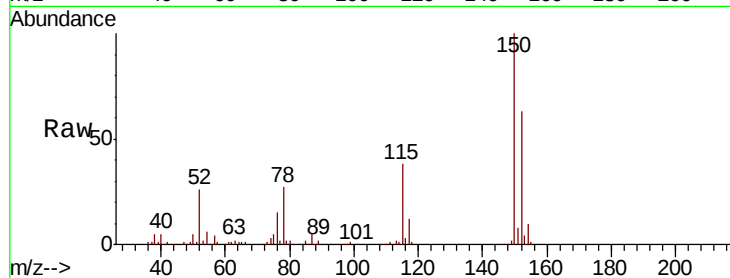
Tot Ion:152 Resp: 111945

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

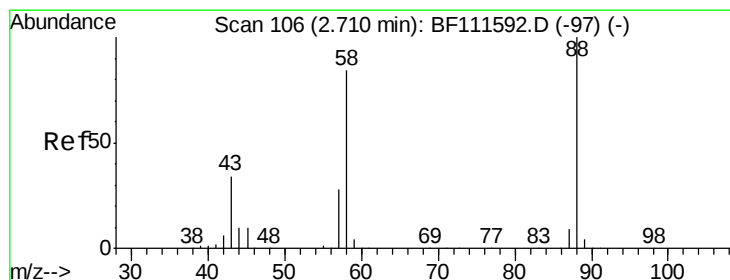
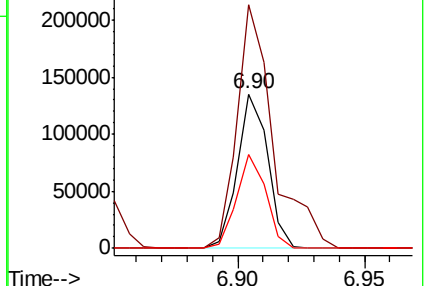
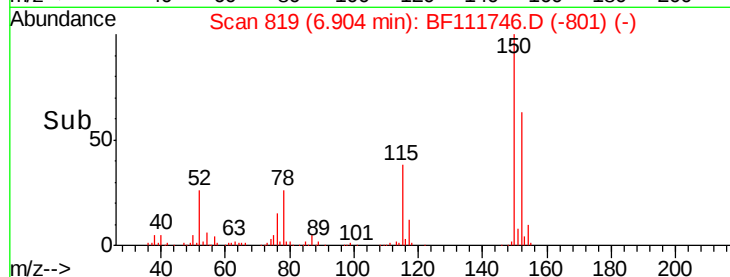
115 60.5 50.7 76.1



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

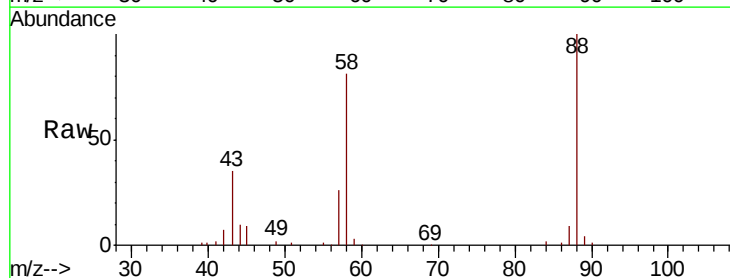
Tgt Ion: 88 Resp: 127278

Ion Ratio Lower Upper

88 100

58 82.5 68.9 103.3

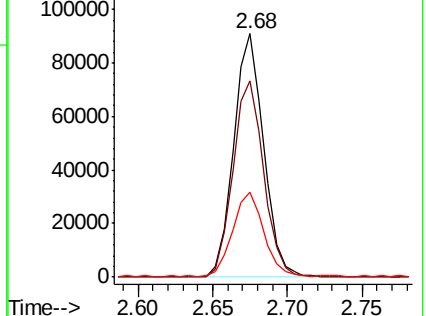
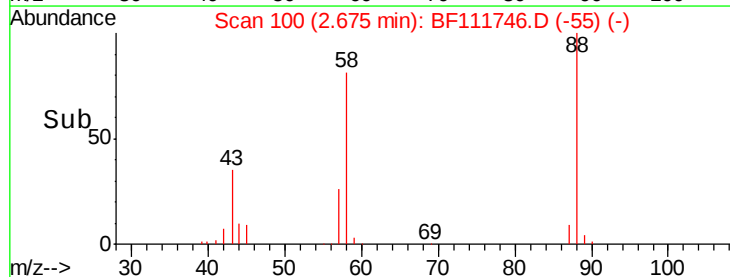
43 37.0 25.8 38.6

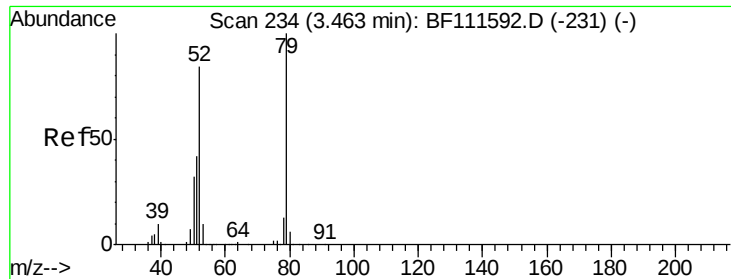


Abundance Ion 88.00 (87.70 to 88.70): BF1

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

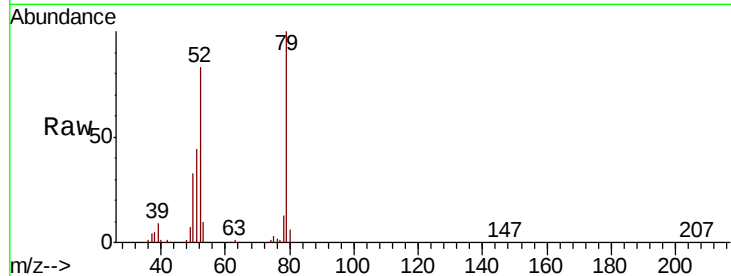
Tot Ion: 79 Resp: 283869

Ion Ratio Lower Upper

79 100

52 82.7 68.3 102.5

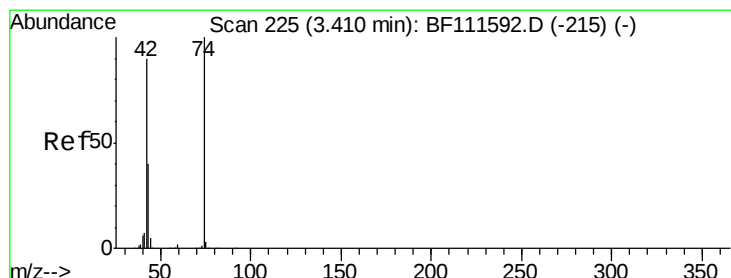
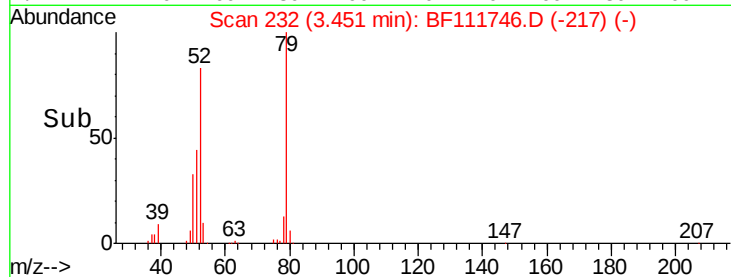
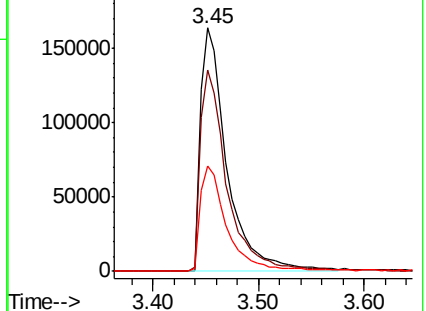
51 43.5 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

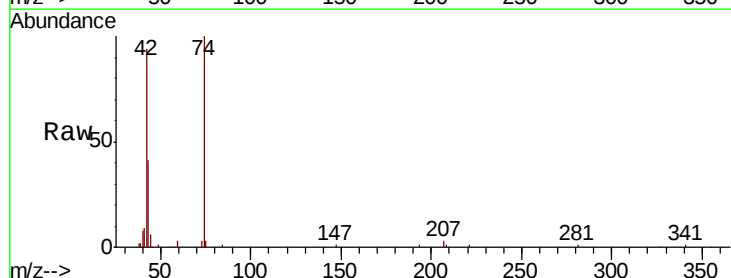
Tgt Ion: 42 Resp: 159861

Ion Ratio Lower Upper

42 100

74 106.8 101.5 152.3

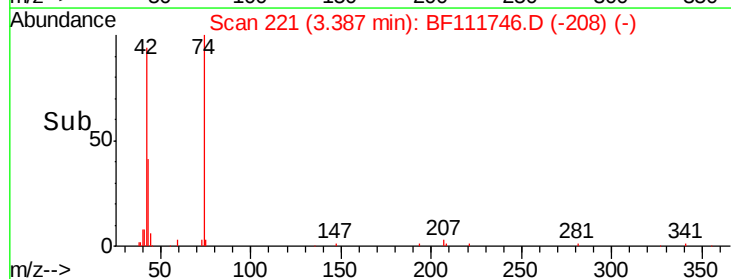
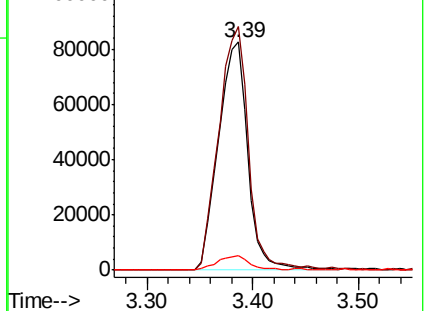
44 6.3 6.0 9.0

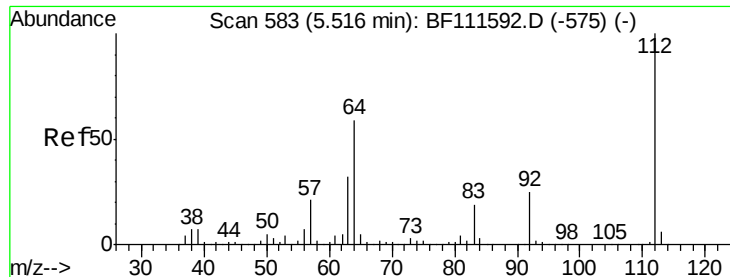


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.112 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

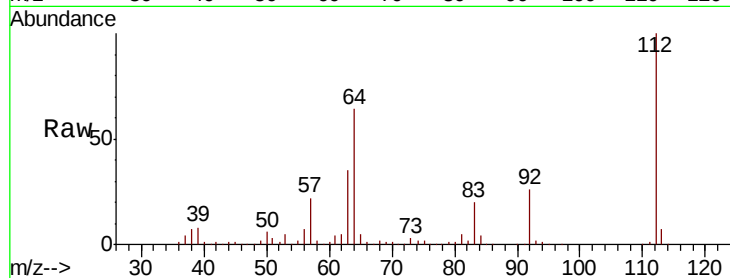
Tot Ion: 112 Resp: 545835

Ion Ratio Lower Upper

112 100

64 63.6 51.8 77.6

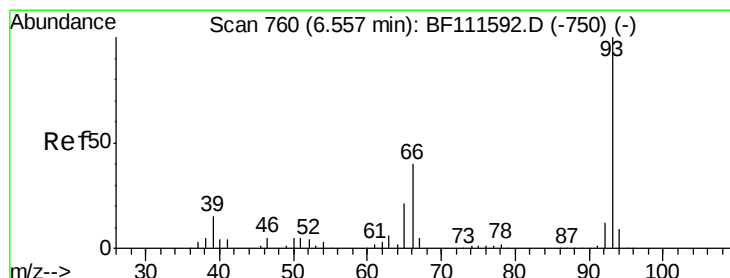
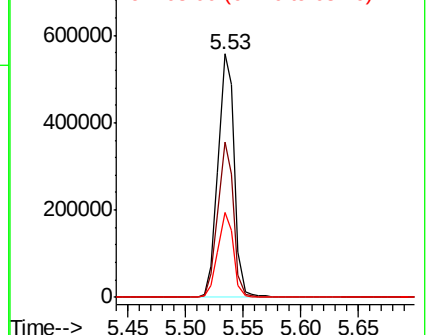
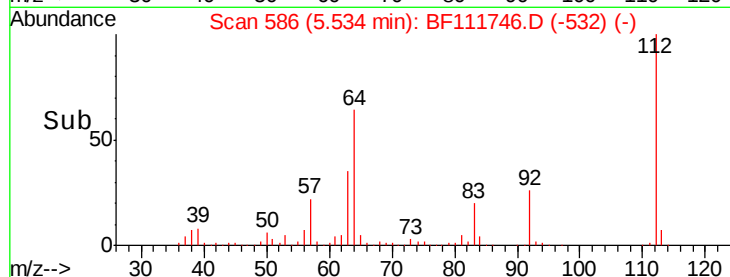
63 35.0 26.8 40.2



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

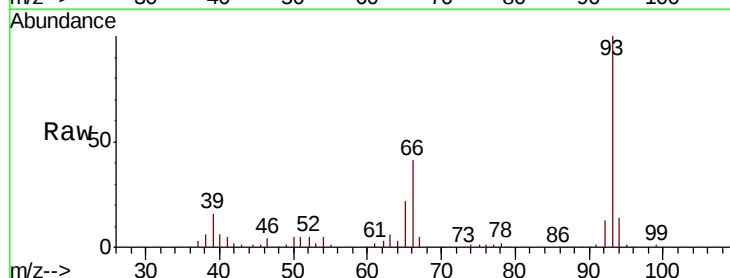
Tgt Ion: 93 Resp: 389660

Ion Ratio Lower Upper

93 100

66 41.2 33.2 49.8

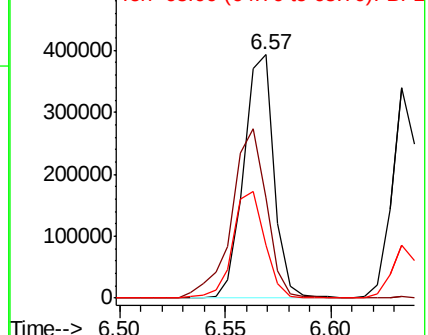
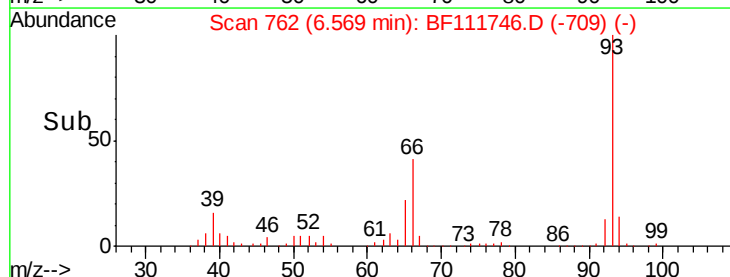
65 21.5 17.0 25.4

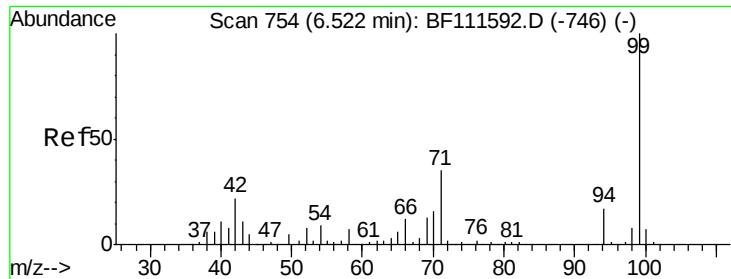


Abundance Ion 93.00 (92.70 to 93.70): BF1

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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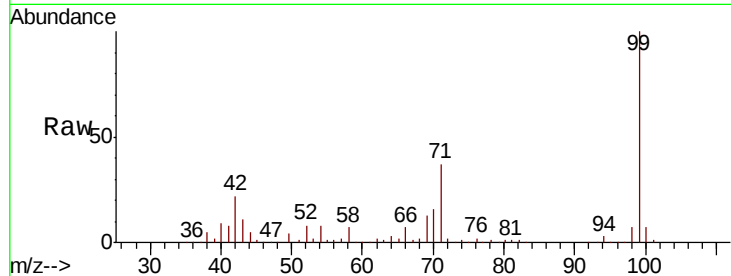
Tot Ion: 99 Resp: 630220

Ion Ratio Lower Upper

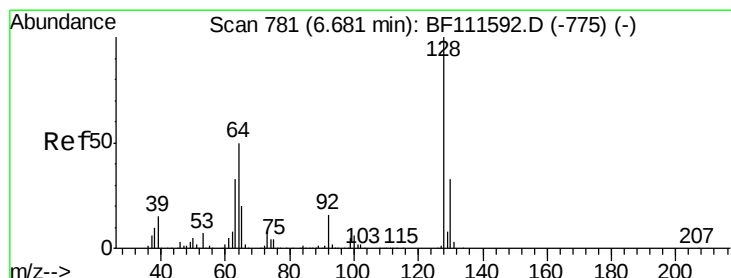
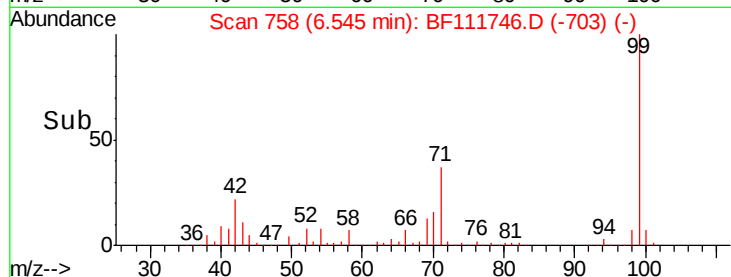
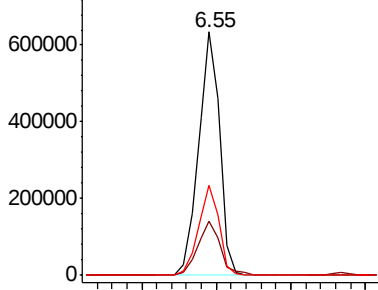
99 100

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

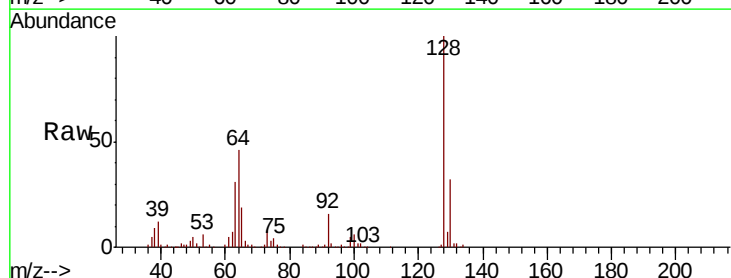
Tgt Ion: 128 Resp: 286493

Ion Ratio Lower Upper

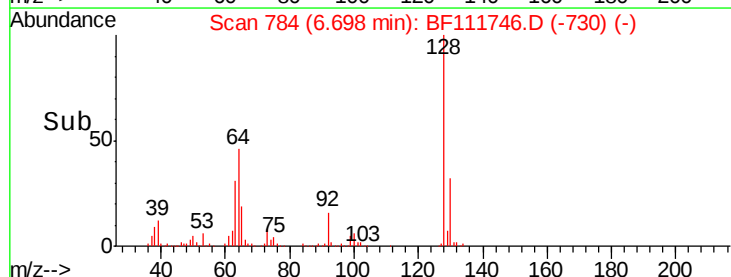
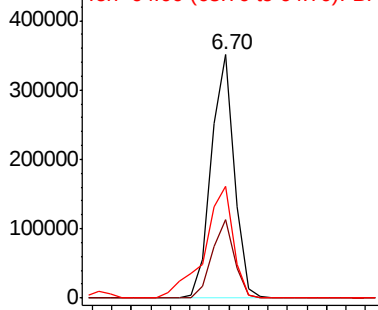
128 100

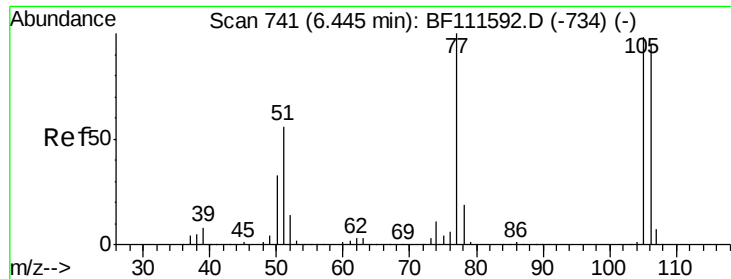
130 32.4 12.7 52.7

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

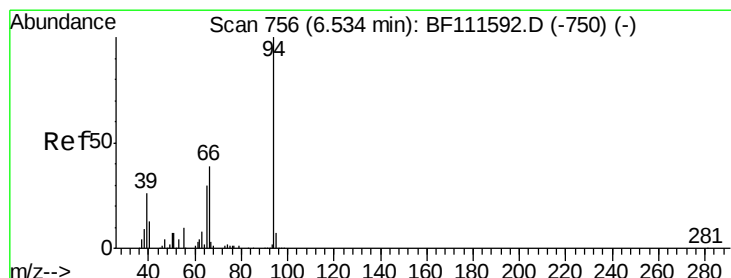
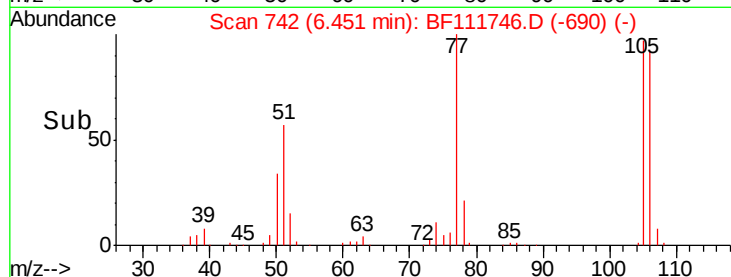
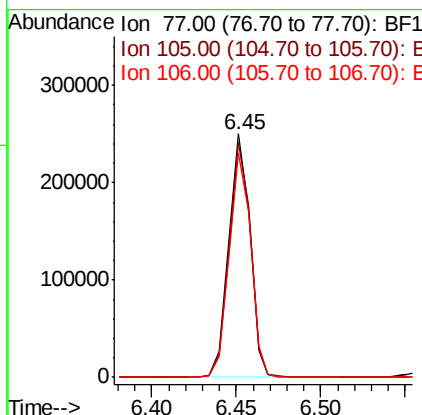
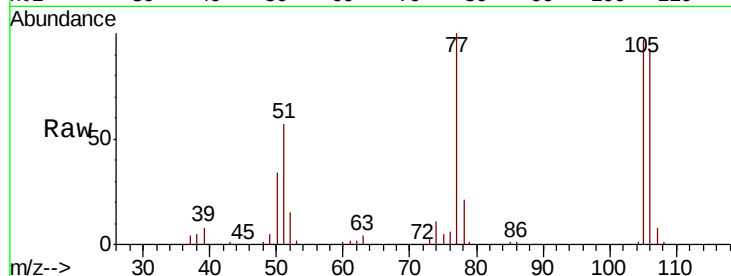




#9
Benzaldehyde
Concen: 37.931 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

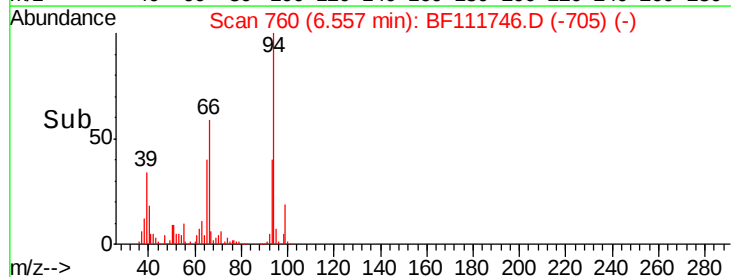
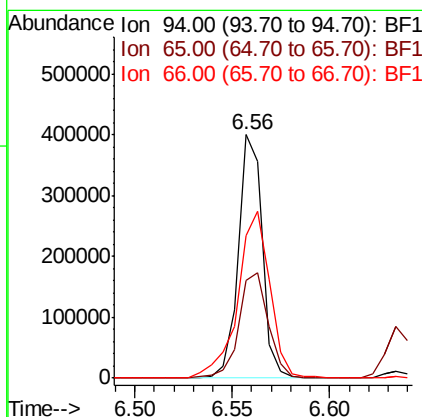
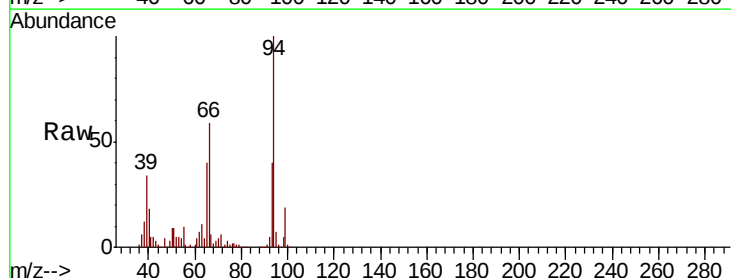
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

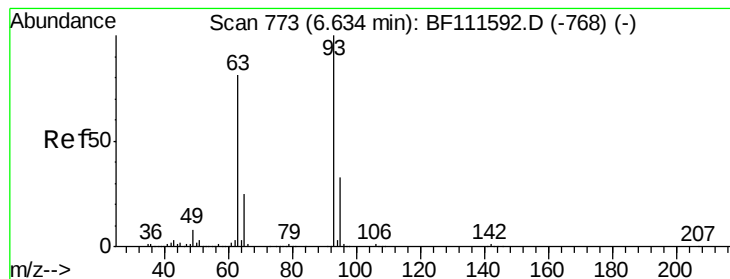
Tot Ion: 77 Resp: 218041
Ion Ratio Lower Upper
77 100
105 96.6 81.4 121.4
106 92.0 77.9 117.9



#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





#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

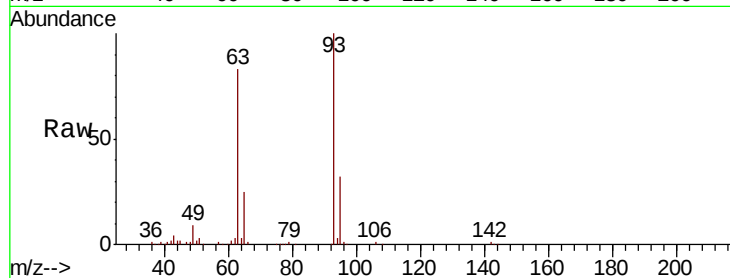
Tot Ion: 93 Resp: 280377

Ion Ratio Lower Upper

93 100

63 83.3 60.0 100.0

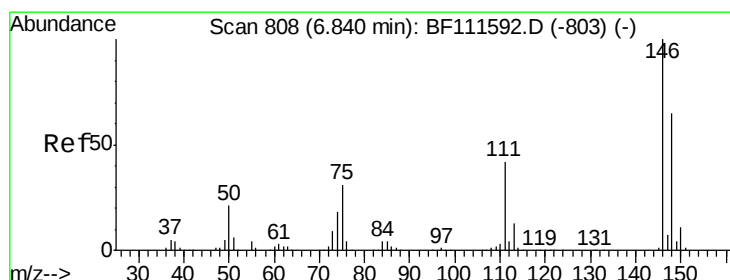
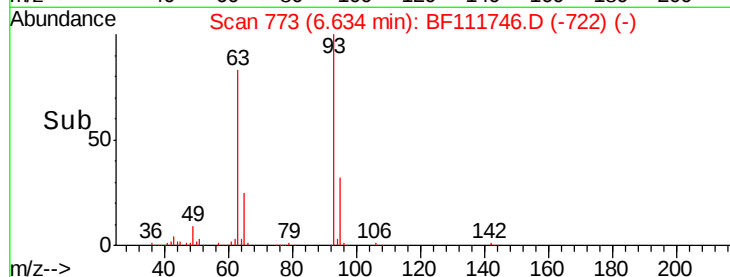
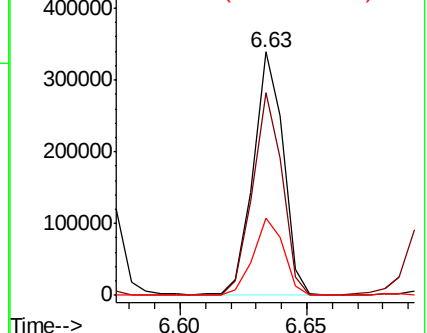
95 31.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.980 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

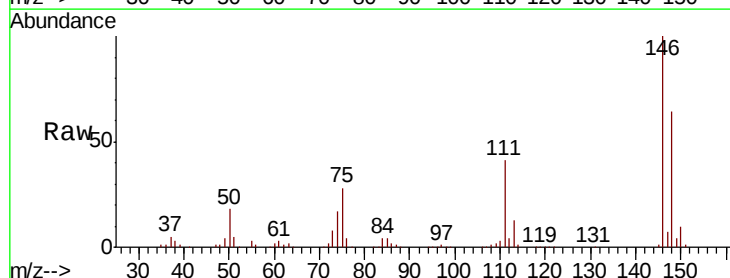
Tgt Ion: 146 Resp: 345503

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

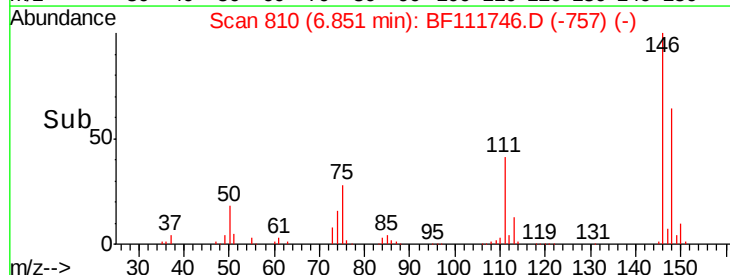
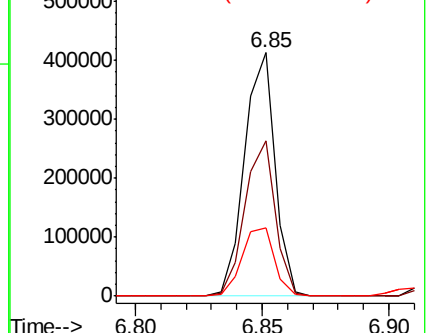
75 28.3 23.9 35.9

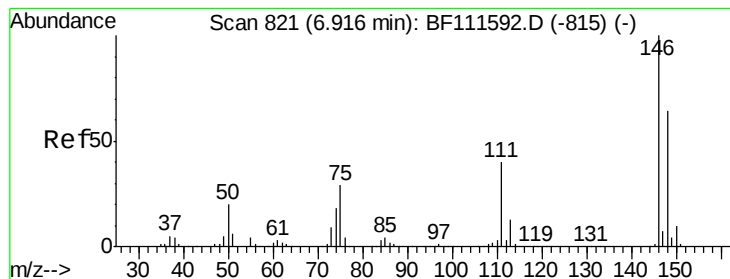


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 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

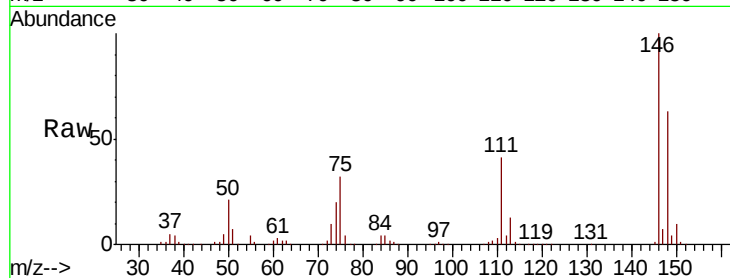
Tot Ion:146 Resp: 352077

Ion Ratio Lower Upper

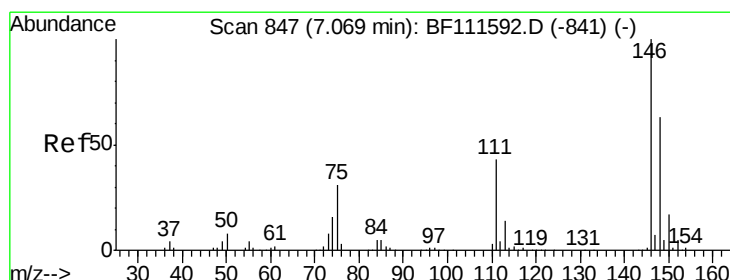
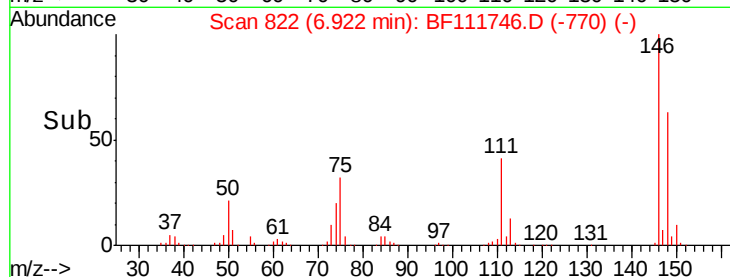
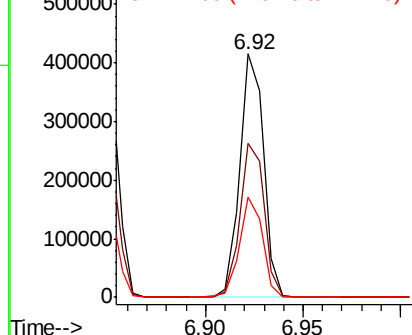
146 100

148 63.3 52.8 79.2

111 41.4 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

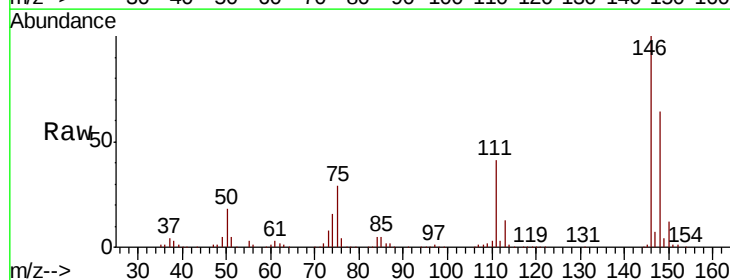
Tgt Ion:146 Resp: 322698

Ion Ratio Lower Upper

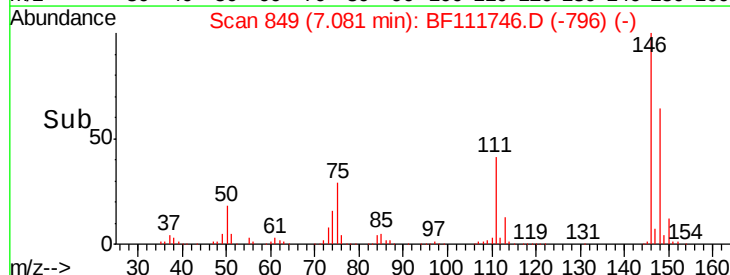
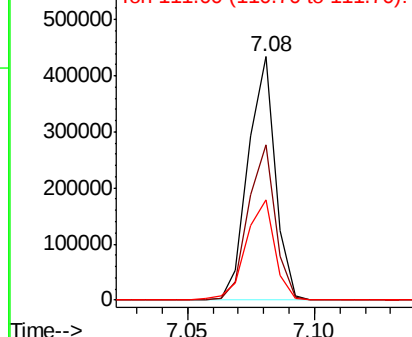
146 100

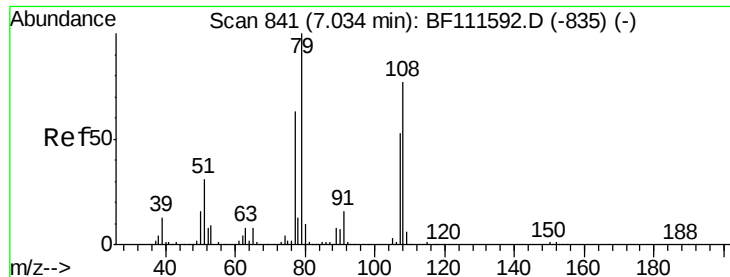
148 63.7 51.9 77.9

111 41.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

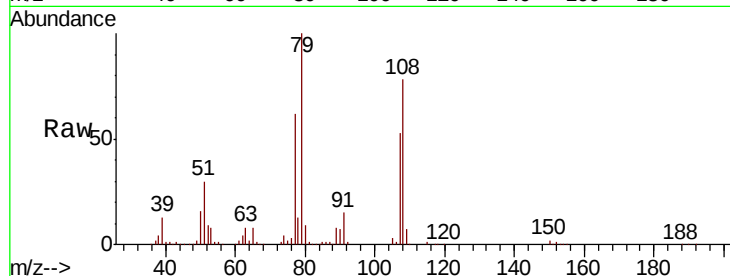
Tot Ion: 79 Resp: 235331

Ion Ratio Lower Upper

79 100

108 78.3 69.4 104.2

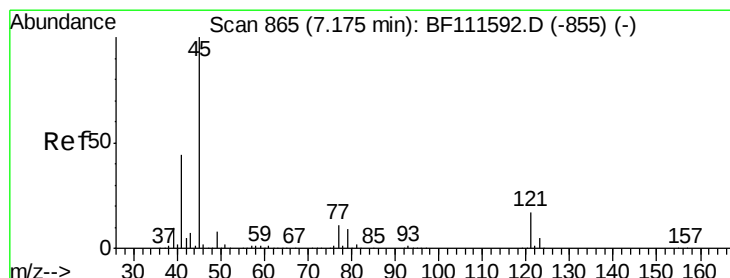
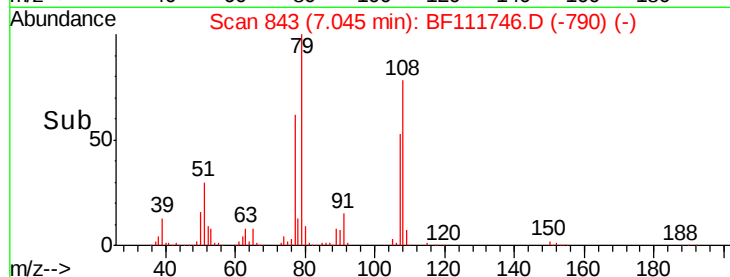
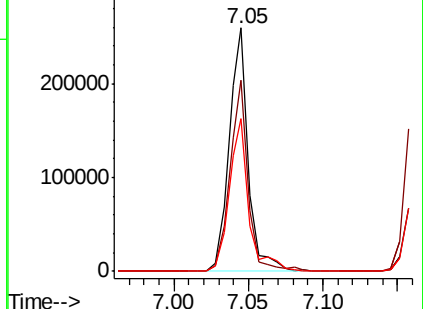
77 62.5 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#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

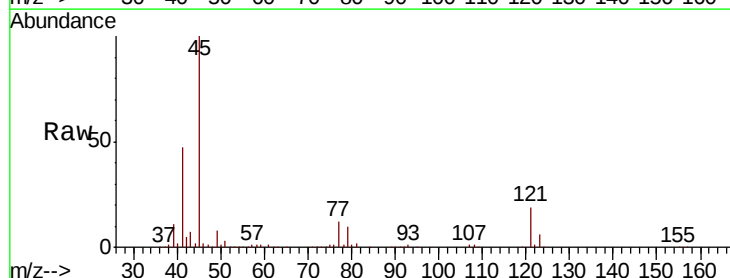
Tgt Ion: 45 Resp: 468090

Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.5

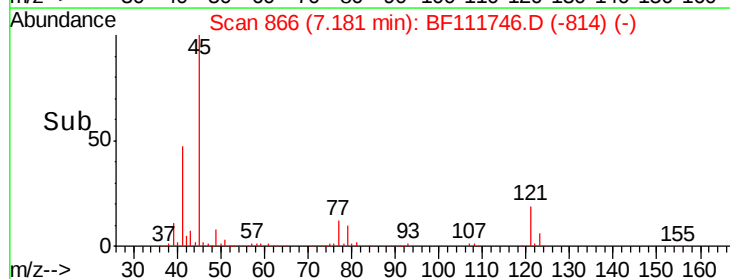
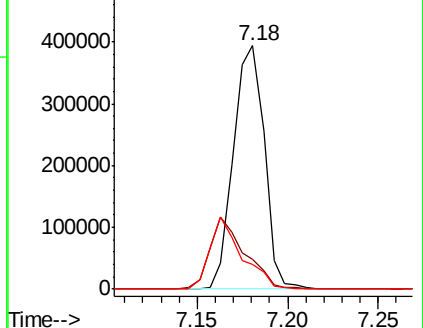
79 9.9 0.0 28.9

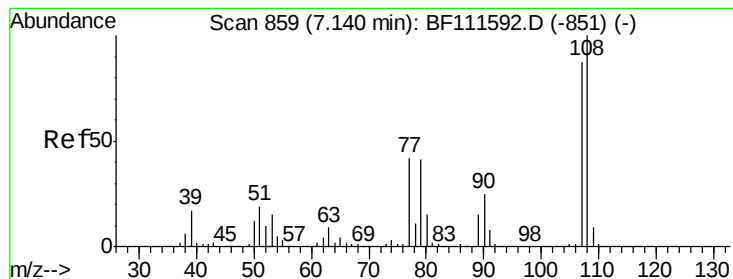


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

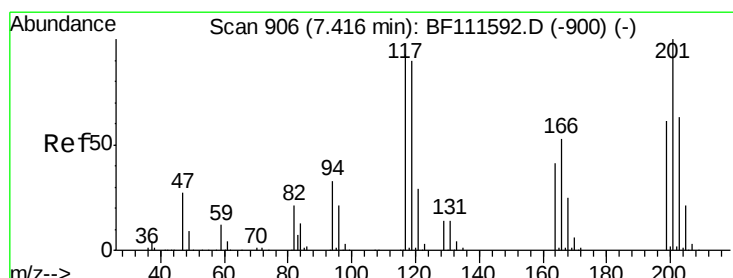
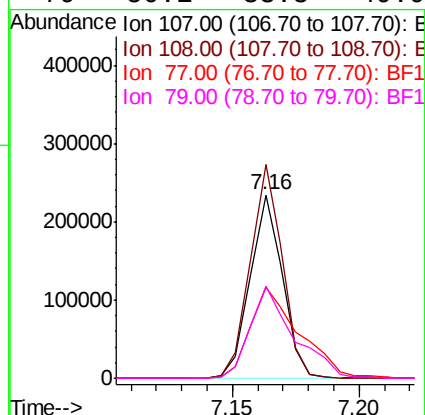
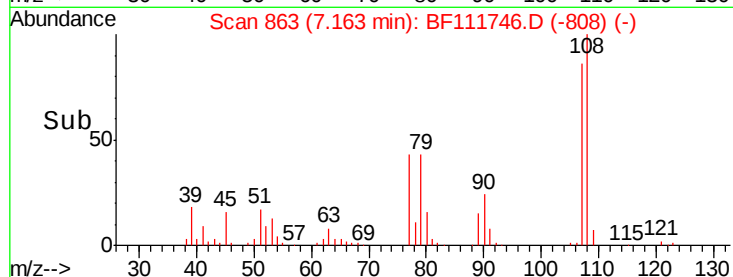
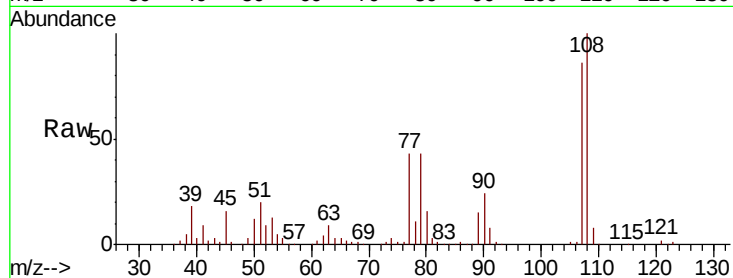




#17
2-Methylphenol
Concen: 35.808 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

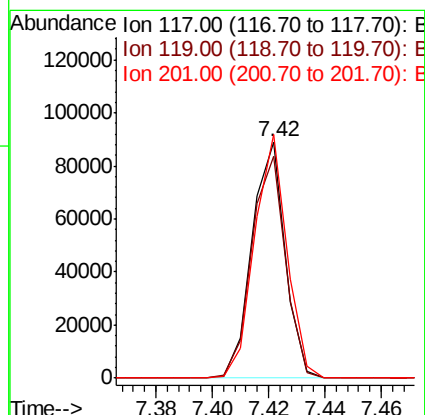
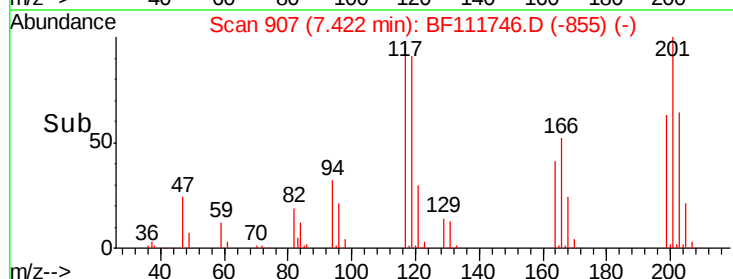
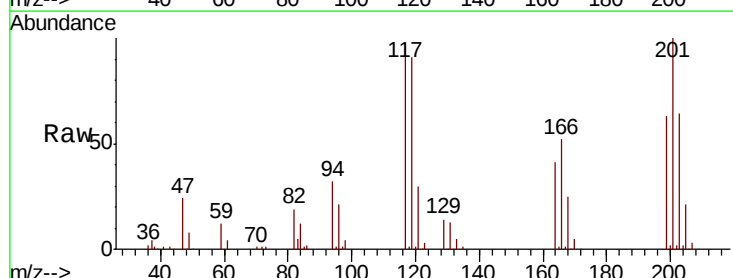
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

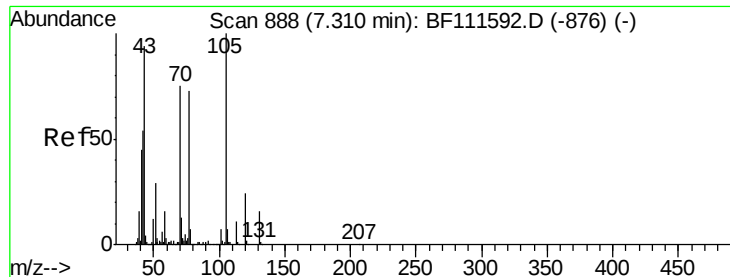
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.0	136.4
77	49.9	33.5	50.3
79	50.1	33.3	49.9



#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

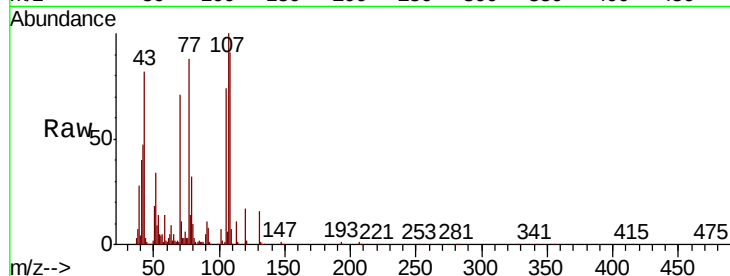




#19
n-Nitroso-di-n-propylamine
Concen: 36.906 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

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	



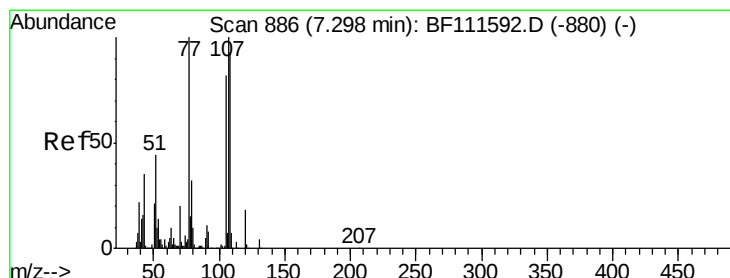
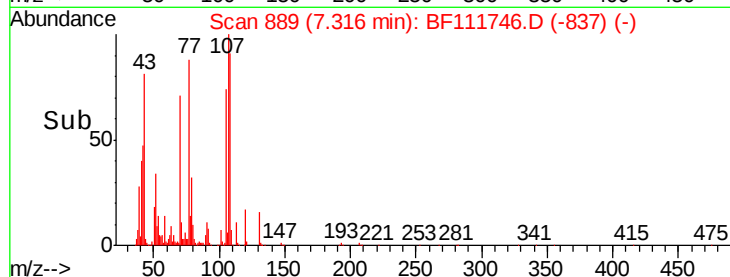
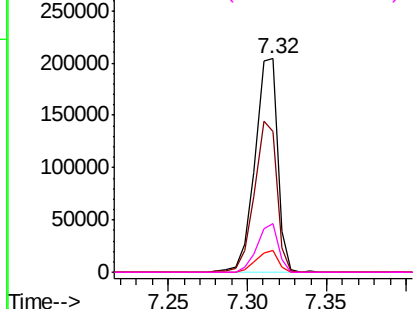
Abundance

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	

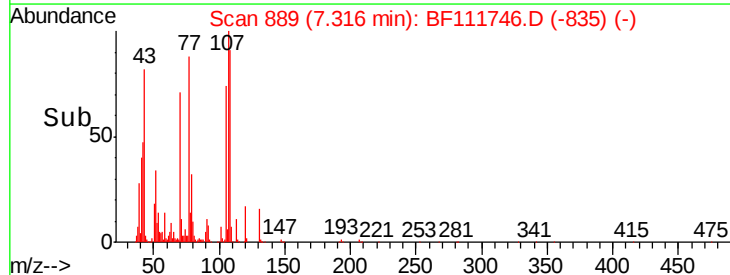
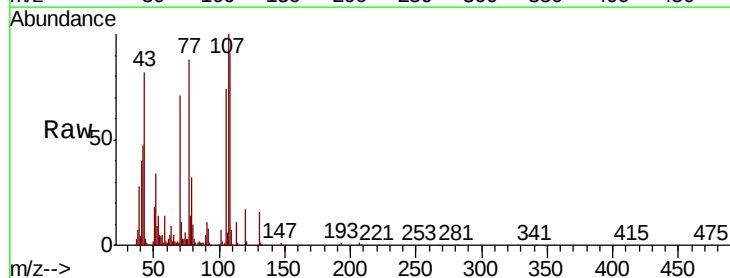
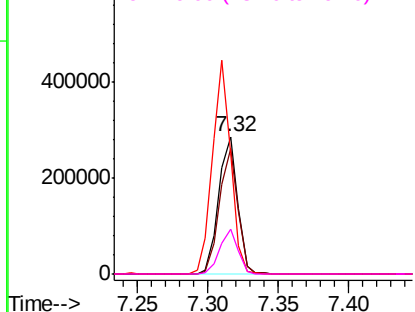
Abundance

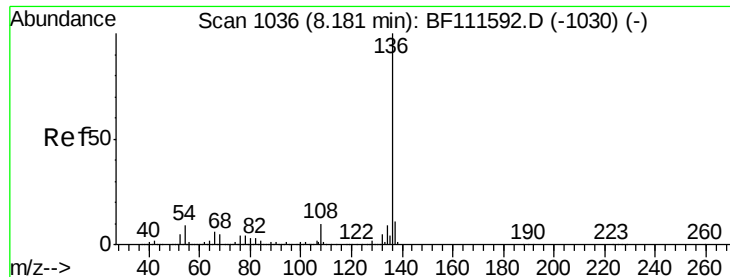
Ion 107.00 (106.70 to 107.70): BF1

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

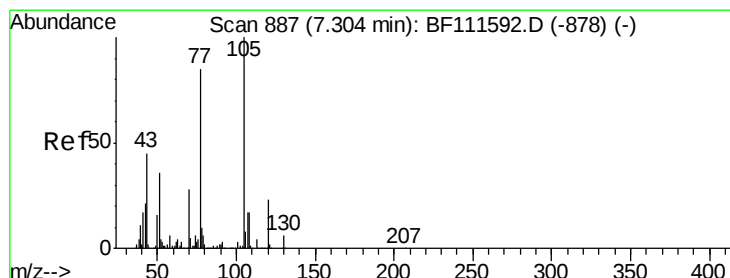
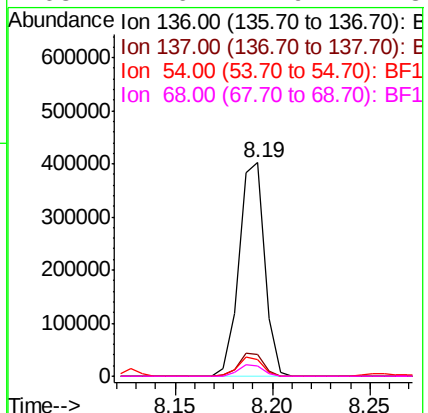
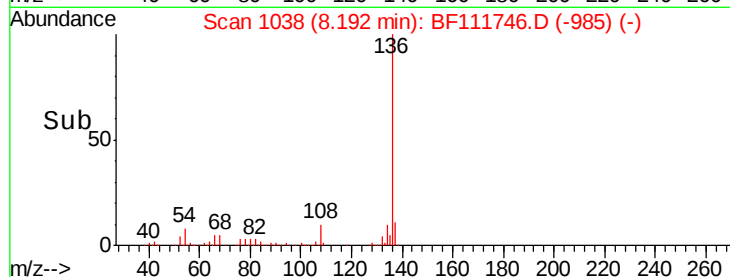
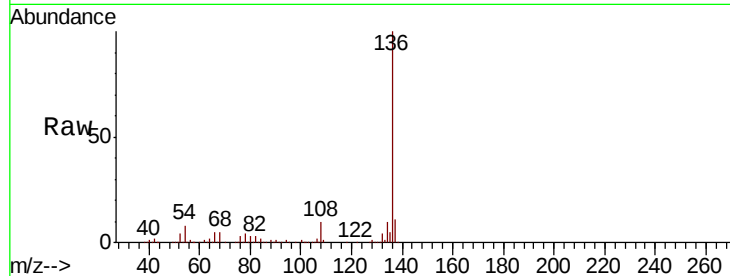




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

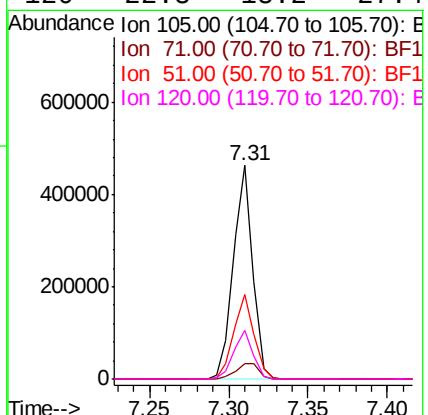
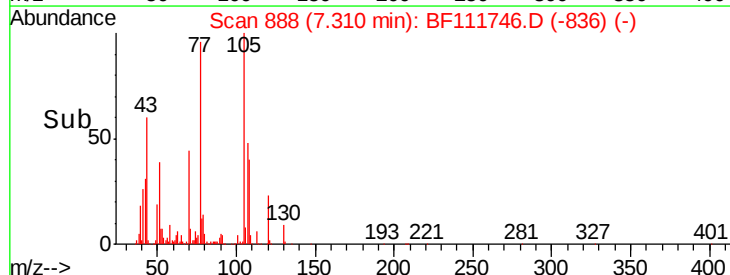
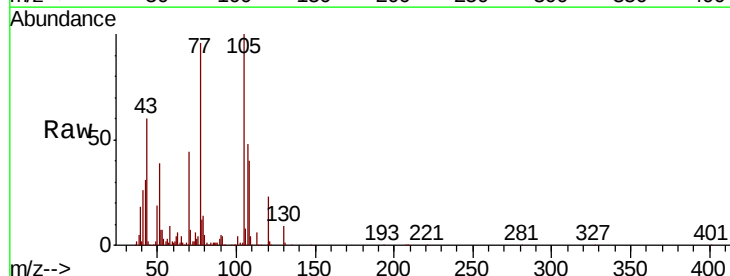
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

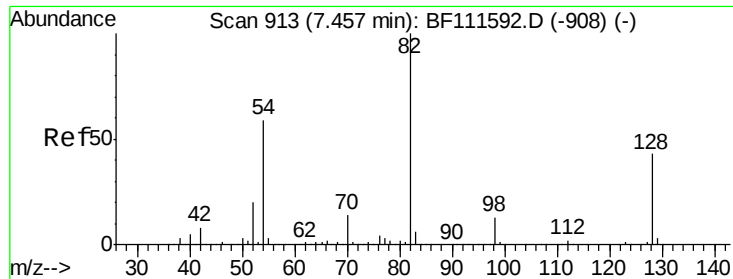
Tot Ion:136	Resp:	365054
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	7.9	7.7 11.5
68	4.6	4.9 7.3#



#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

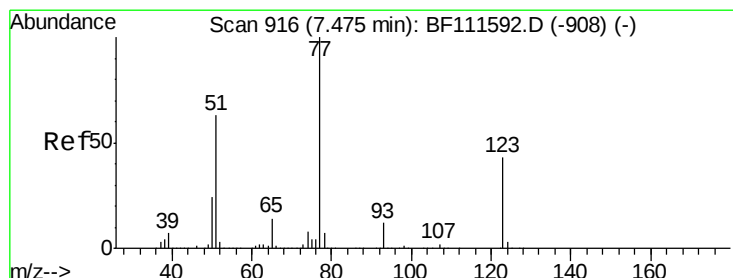
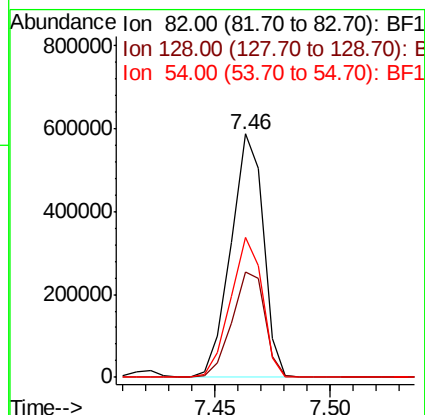
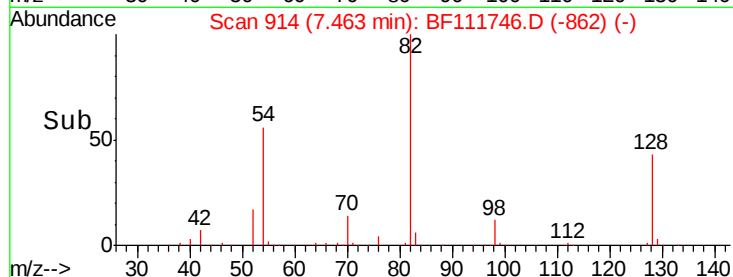
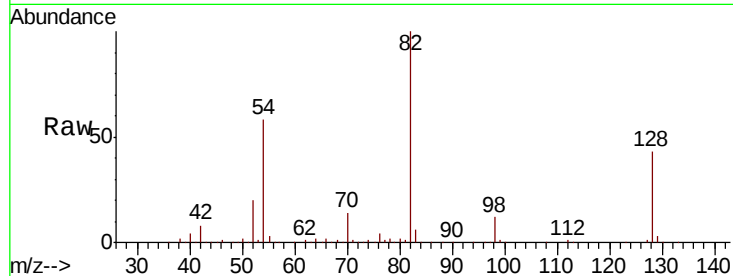




#23
Nitrobenzene-d5
Concen: 91.347 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

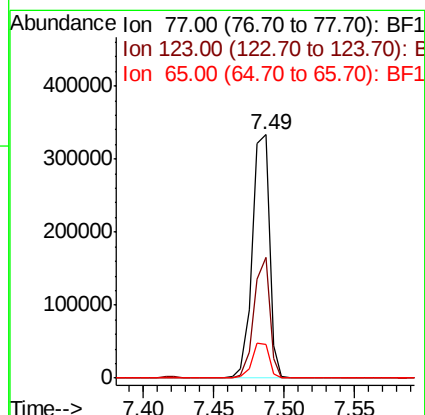
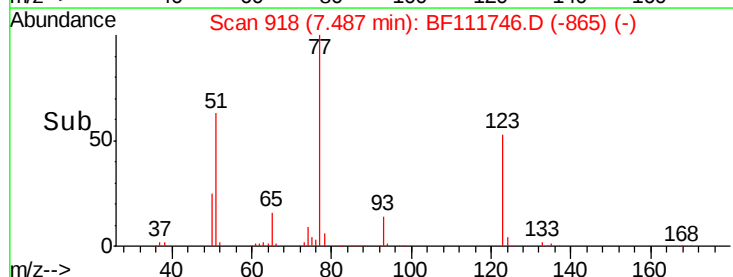
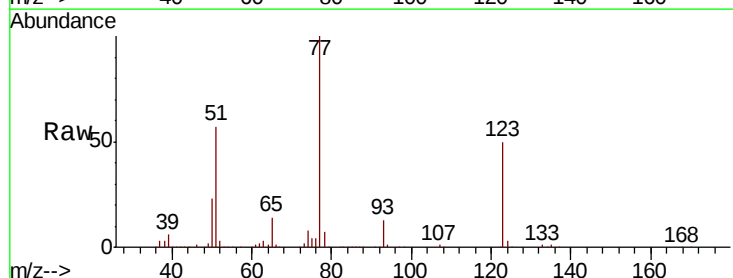
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

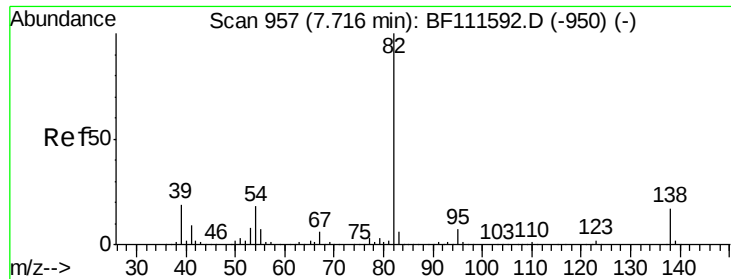
Tot Ion: 82 Resp: 572890
Ion Ratio Lower Upper
82 100
128 43.3 37.4 56.2
54 57.6 47.6 71.4



#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

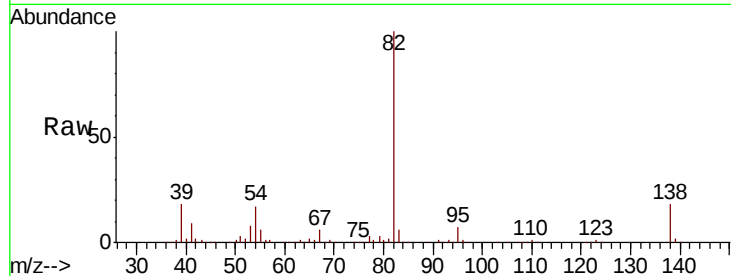
Tot Ion: 82 Resp: 448695

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

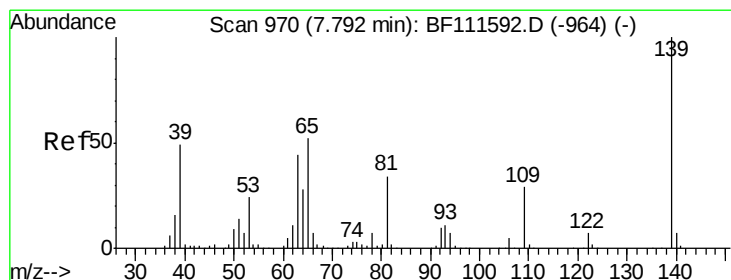
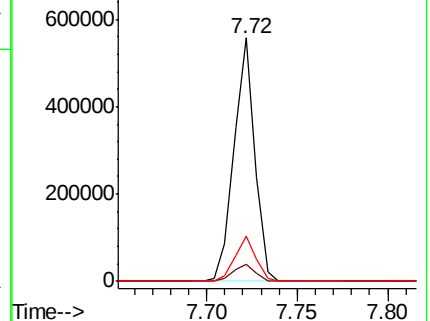
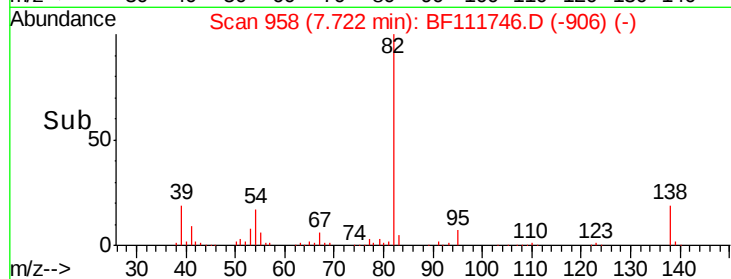
138 18.5 15.1 22.7



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

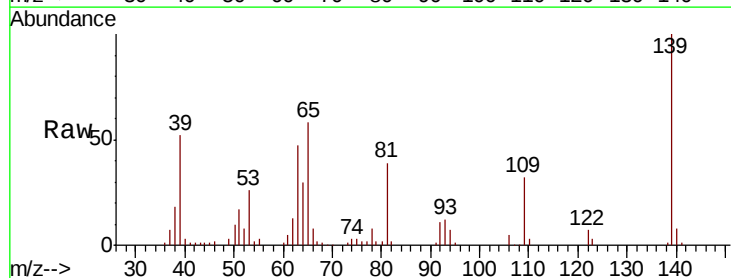
Tgt Ion: 139 Resp: 79060

Ion Ratio Lower Upper

139 100

109 31.7 20.2 30.4#

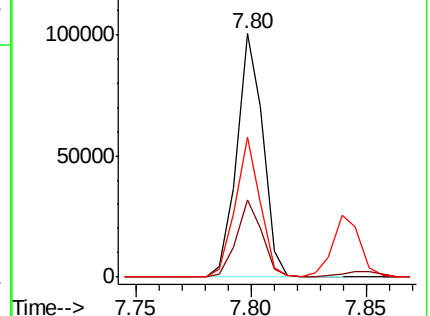
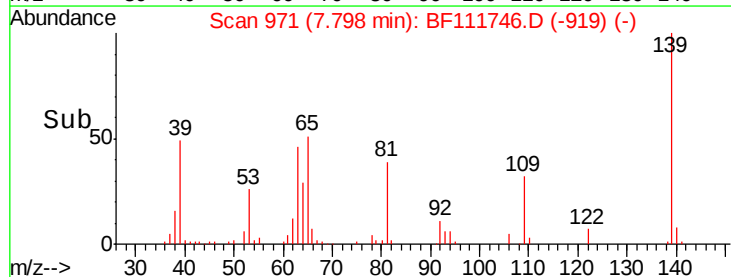
65 57.7 40.7 61.1

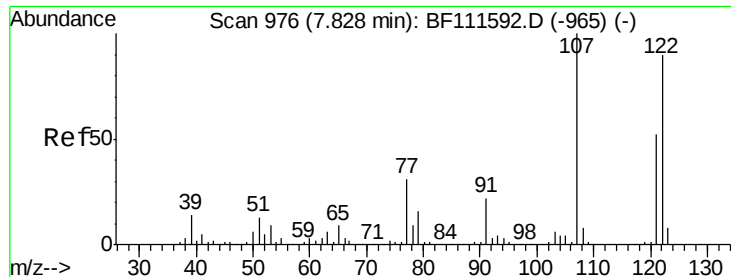


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

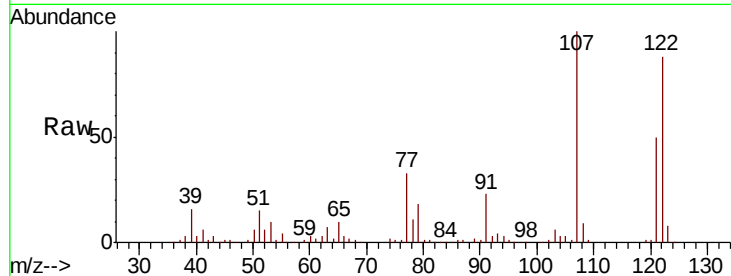




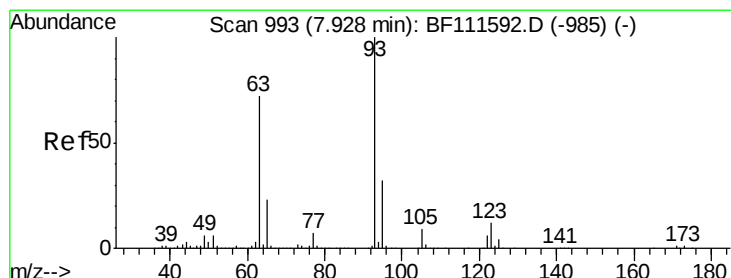
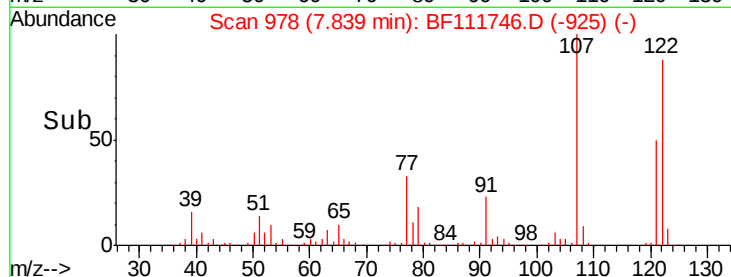
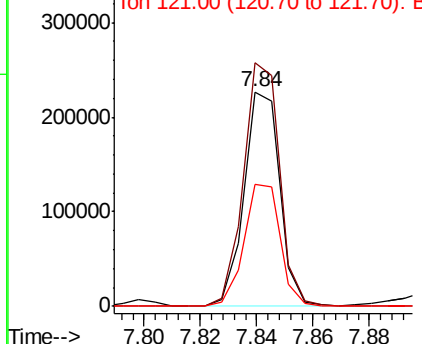
#27
 2,4-Dimethylphenol
 Concen: 38.063 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	85.5	128.3
121	56.9	46.6	70.0

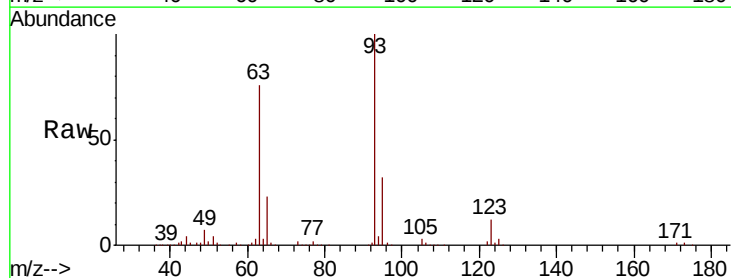


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

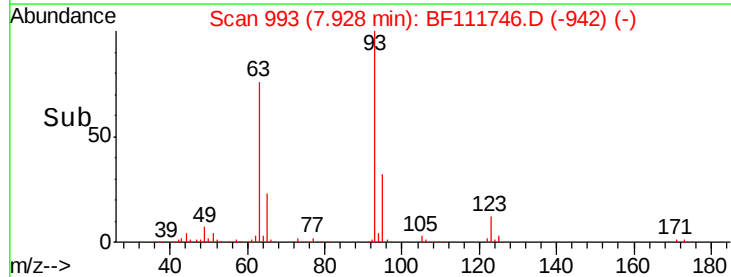
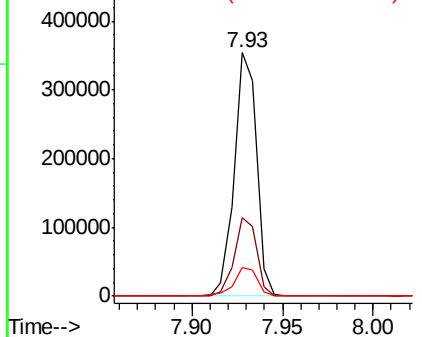


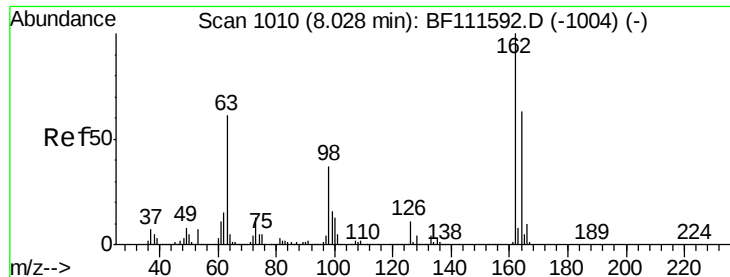
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.028 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Tgt Ion	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

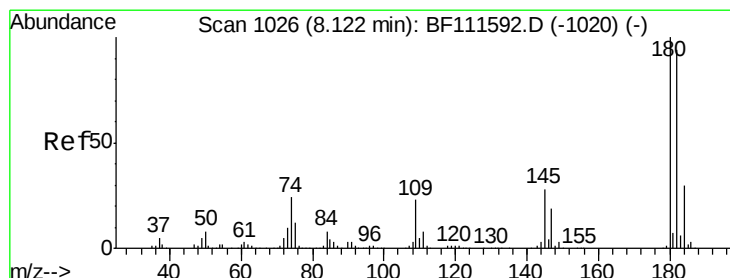
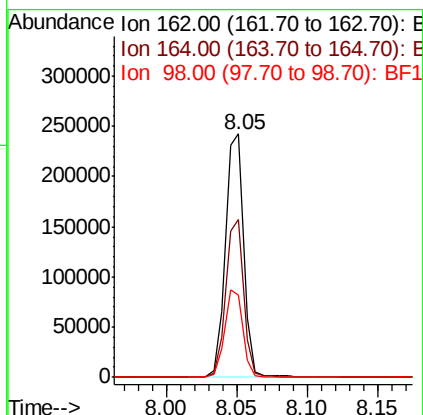
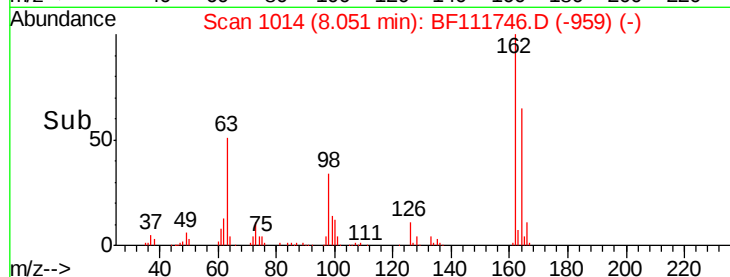
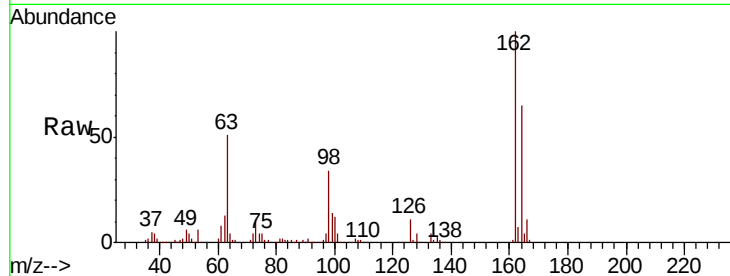




#29
2,4-Dichlorophenol
Concen: 38.740 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

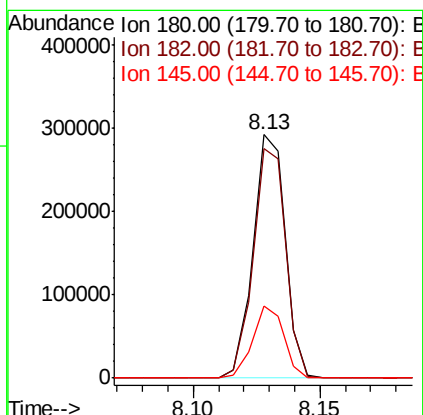
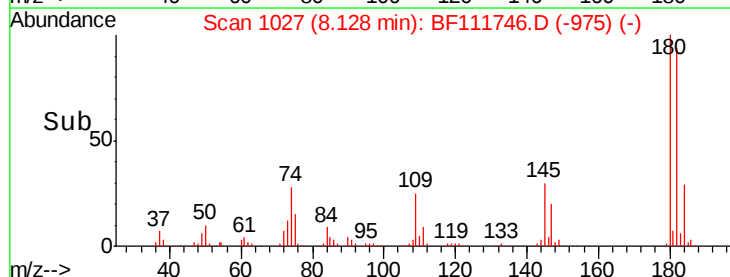
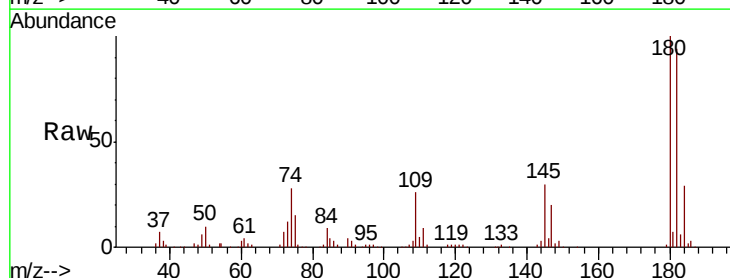
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

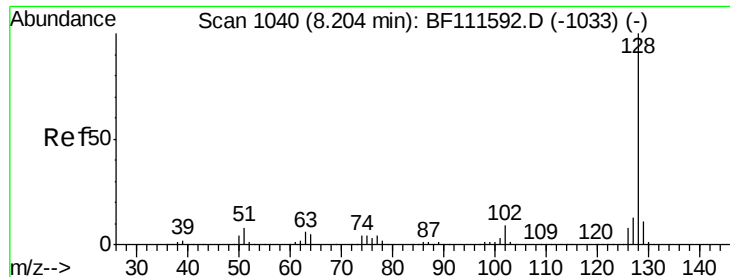
Tot Ion:162 Resp: 218973
Ion Ratio Lower Upper
162 100
164 64.6 44.4 84.4
98 34.0 20.3 60.3



#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

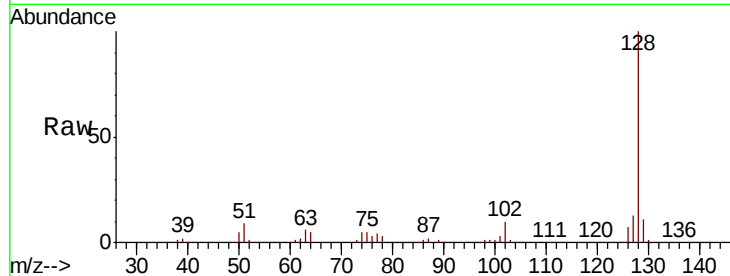




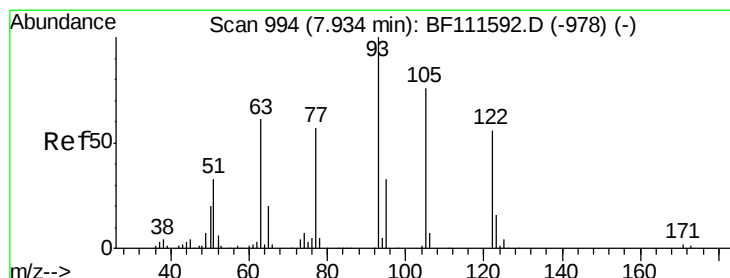
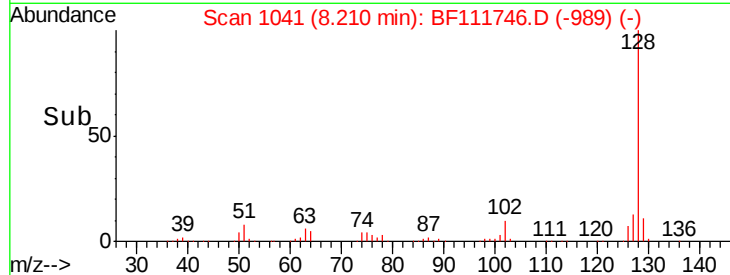
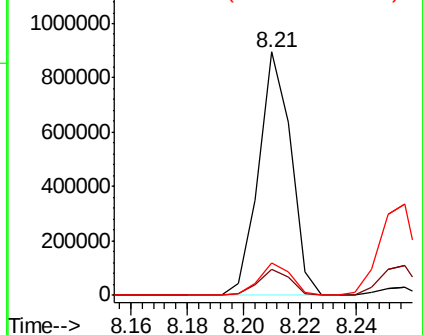
#31
Naphthalene
Concen: 40.648 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

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

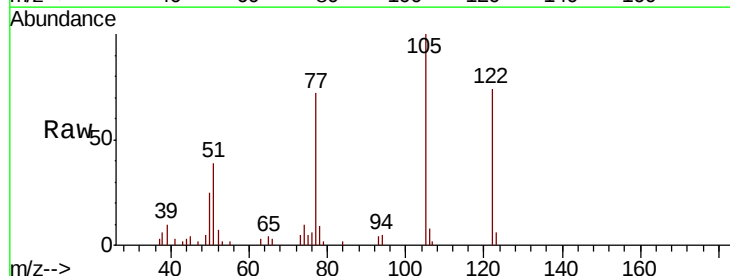


Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

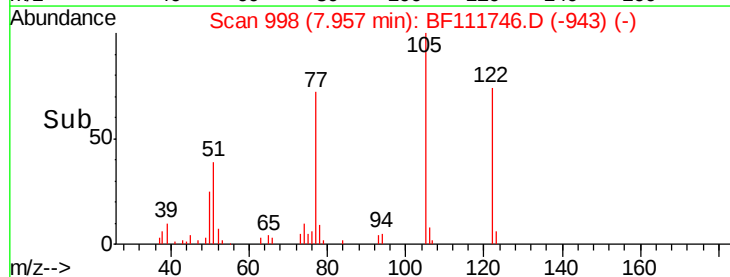
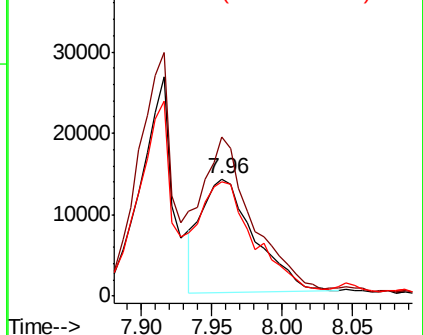


#32
Benzoic acid
Concen: 10.485 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

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
40000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

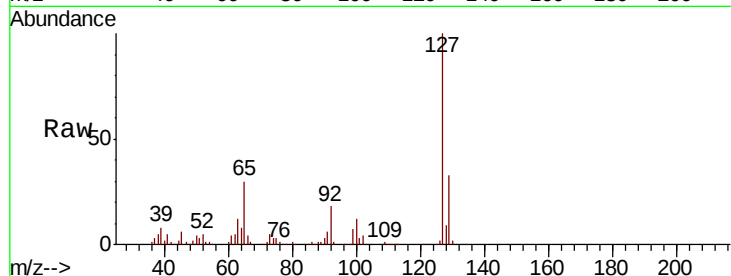




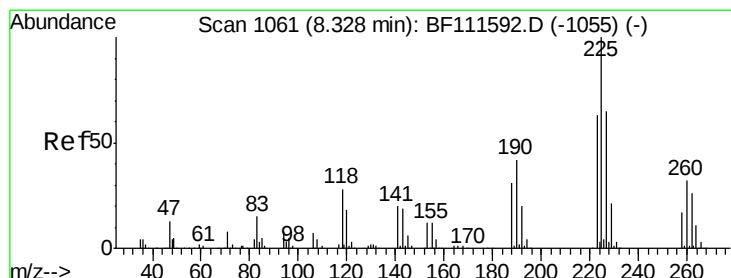
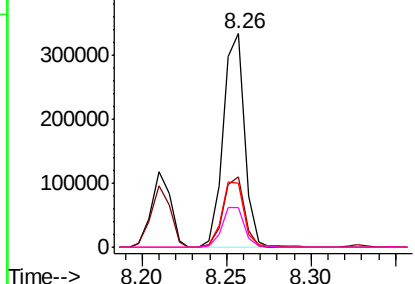
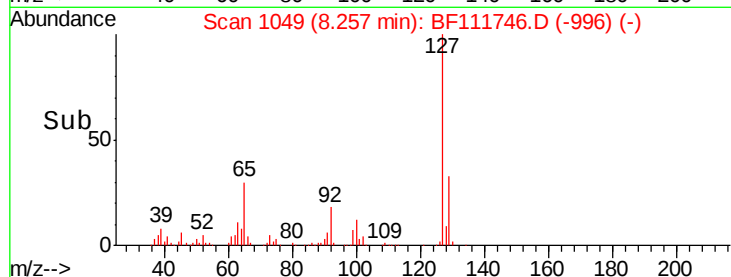
#33
4-Chloroaniline
Concen: 38.743 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

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

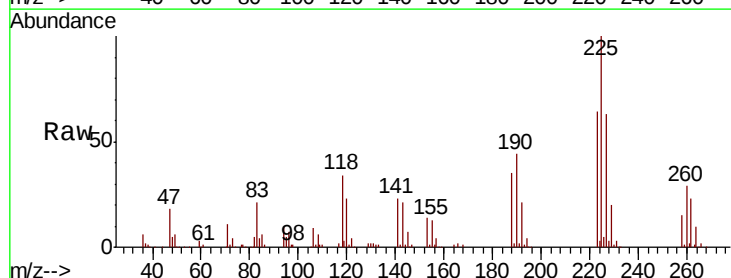


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

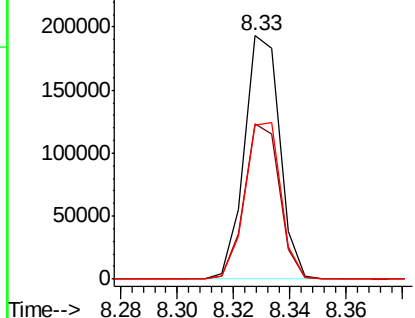
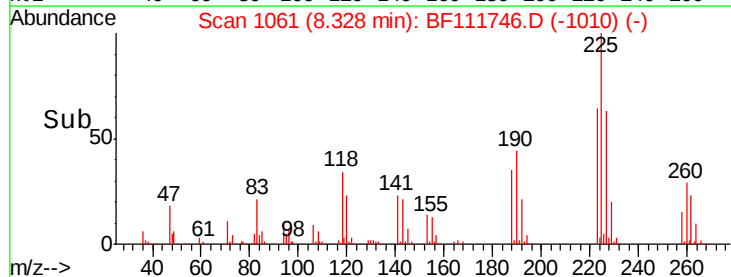


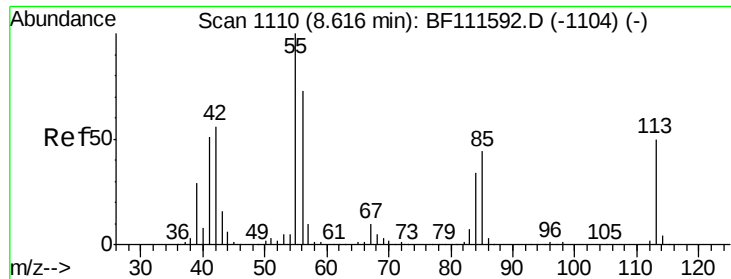
#34
Hexachlorobutadiene
Concen: 43.802 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

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



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

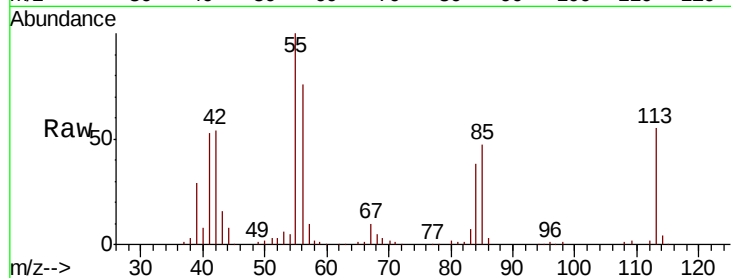




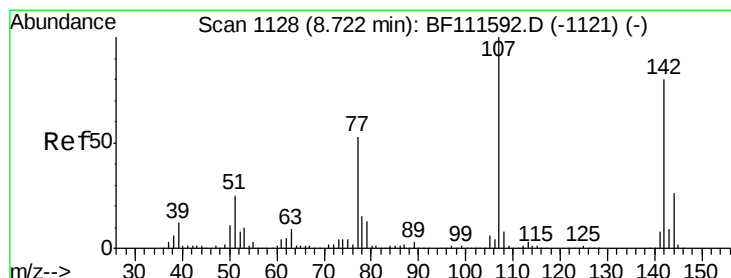
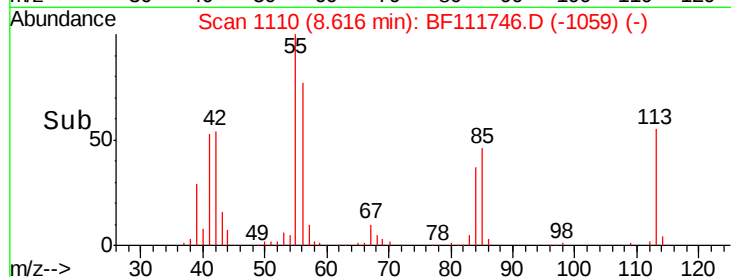
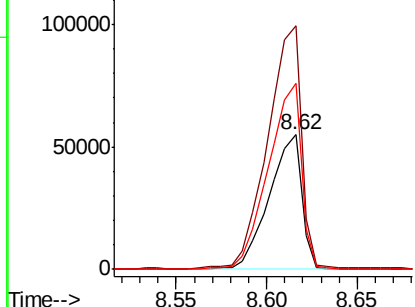
#35
 Caprolactam
 Concen: 35.802 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

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

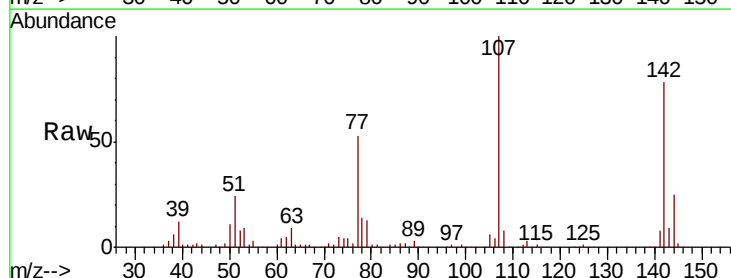


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

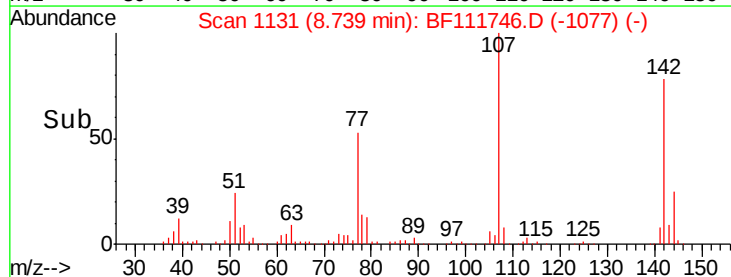
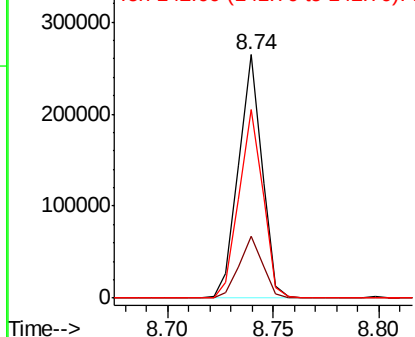


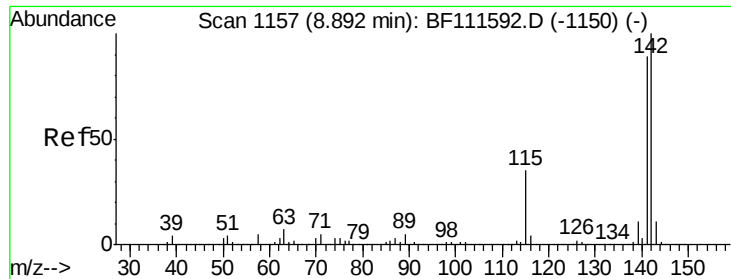
#36
 4-Chloro-3-methylphenol
 Concen: 36.619 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

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

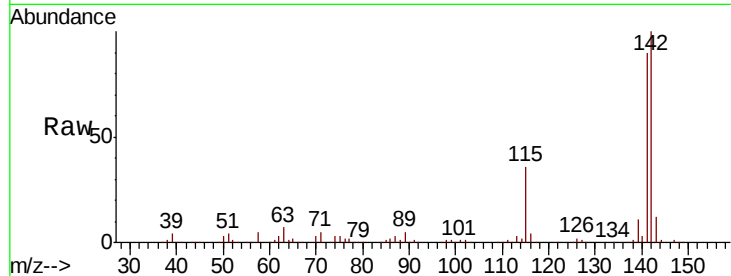




#37
2-Methylnaphthalene
Concen: 38.349 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	105.8
115	36.4	27.0	40.6

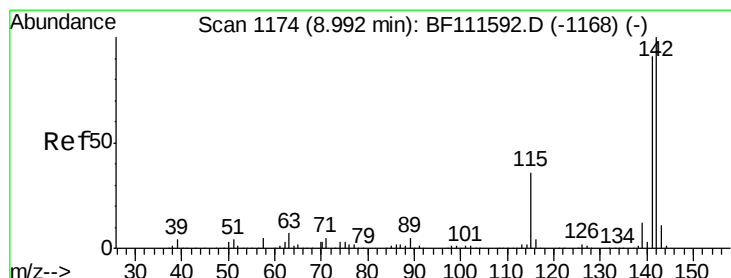
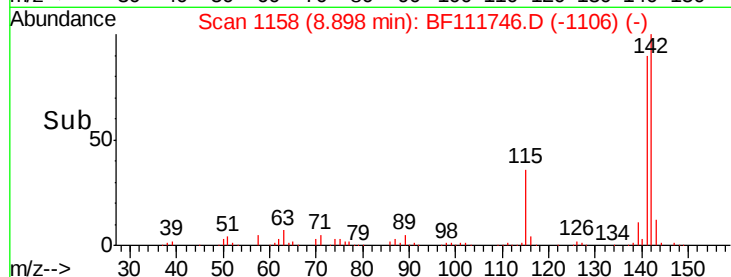
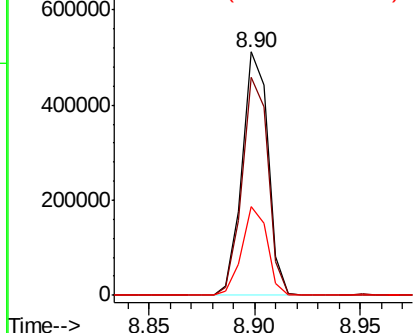


Abundance

Ion 142.00 (141.70 to 142.70): E

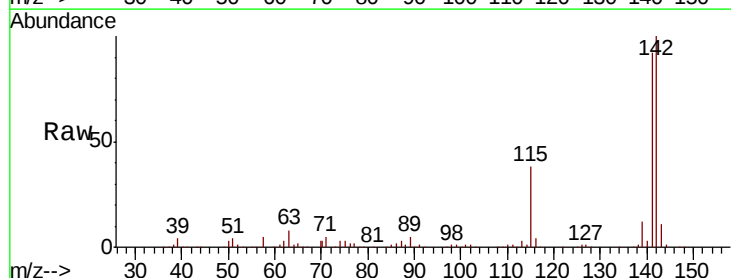
Ion 141.00 (140.70 to 141.70): E

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	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.0	2.9	4.3

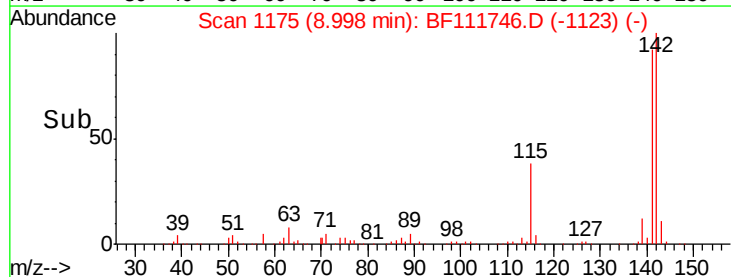
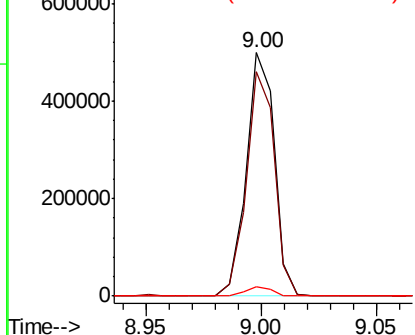


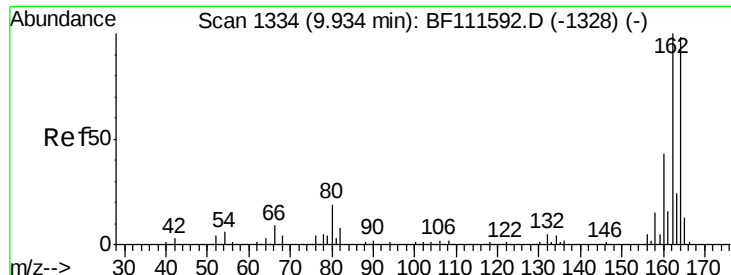
Abundance

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

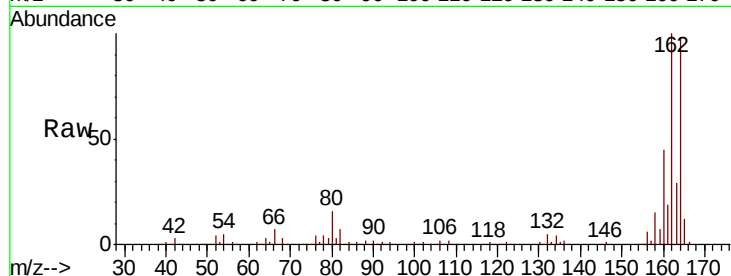
Tot Ion:164 Resp: 164259

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 45.7 35.7 53.5

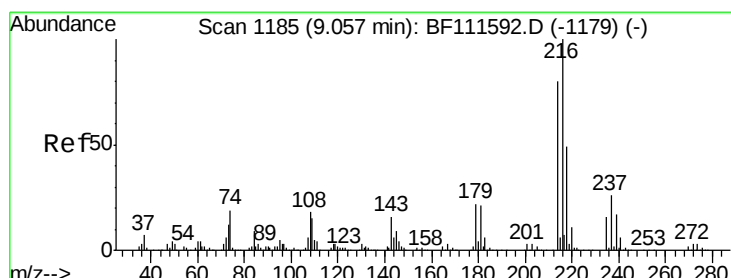
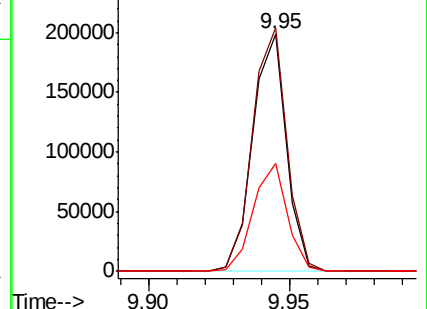
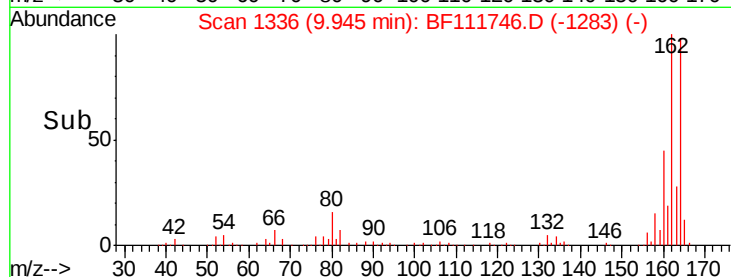


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

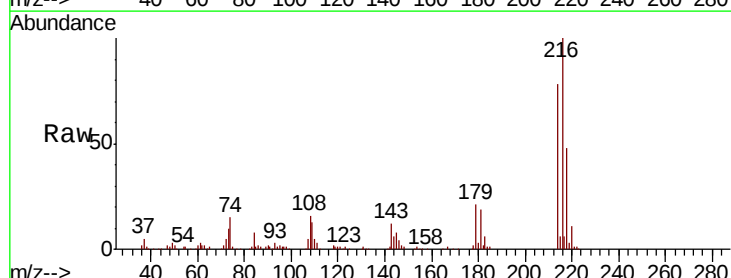
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 21.4 17.9 26.9

108 17.0 18.4 27.6#



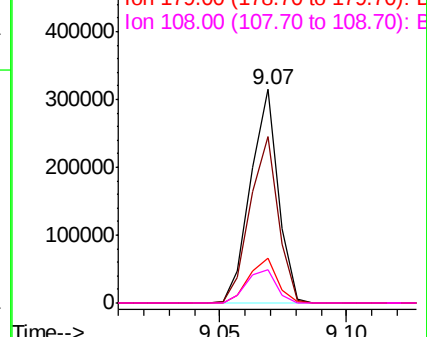
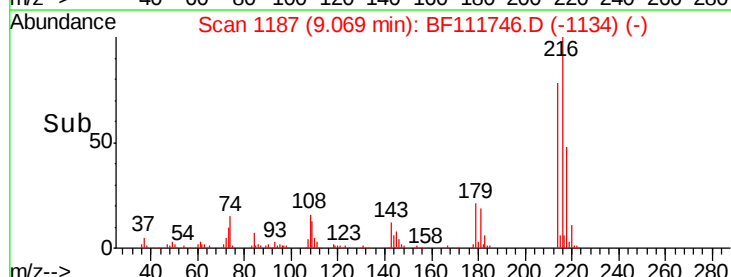
Abundance

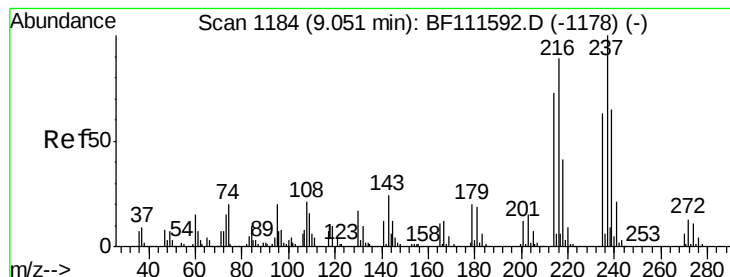
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.351 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111746.D

Acq: 27 Dec 2018 6:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

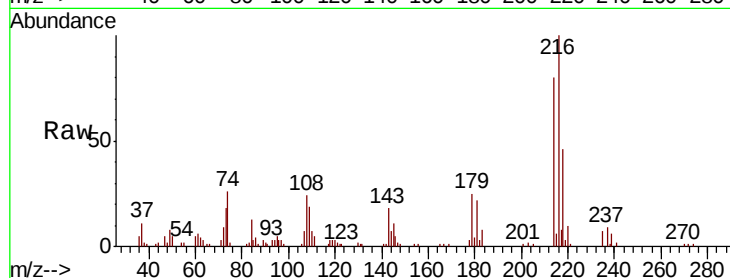
Tot Ion:237 Resp: 3539

Ion Ratio Lower Upper

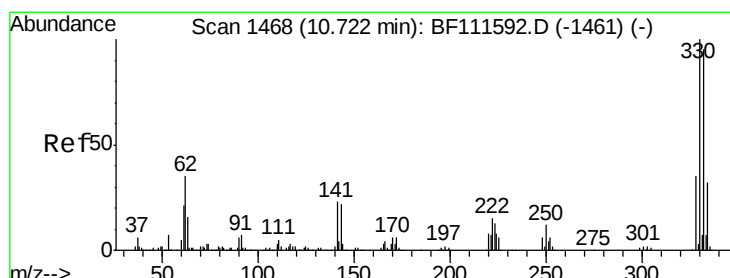
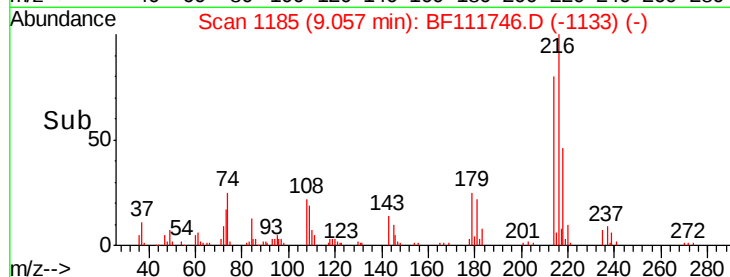
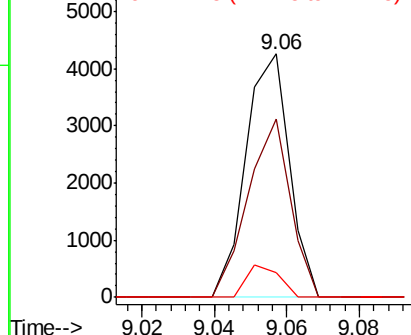
237 100

235 73.2 43.1 83.1

272 10.3 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 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

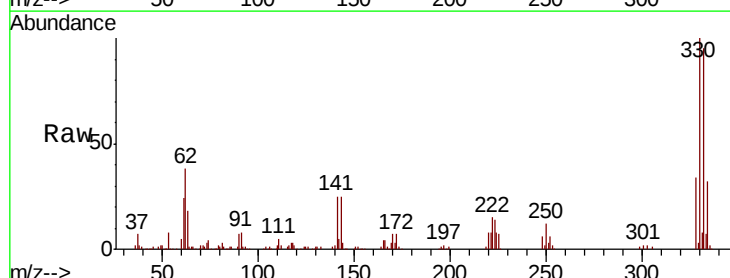
Tgt Ion:330 Resp: 166948

Ion Ratio Lower Upper

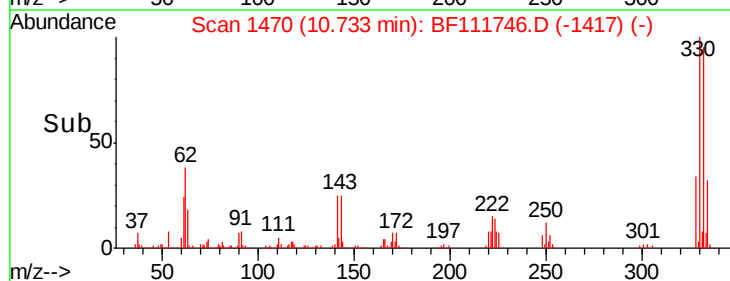
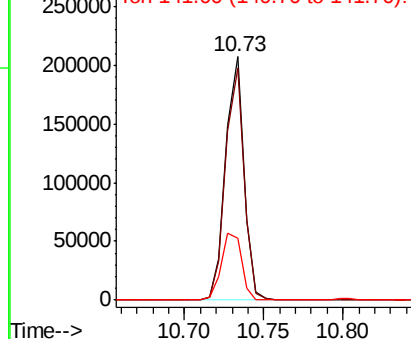
330 100

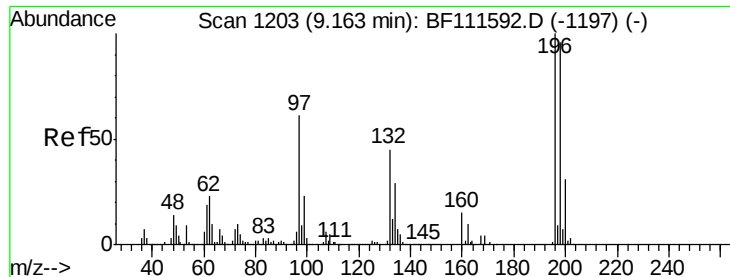
332 96.1 76.0 114.0

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

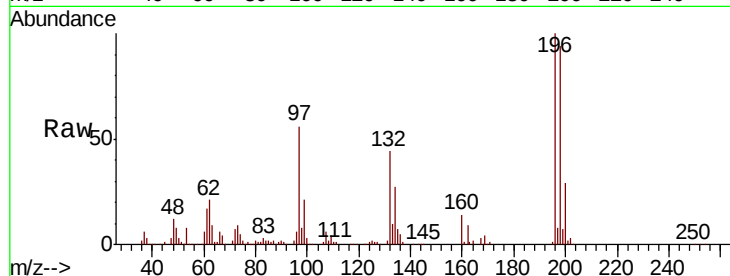
Tot Ion:196 Resp: 147220

Ion Ratio Lower Upper

196 100

198 94.2 76.3 114.5

200 29.5 24.9 37.3

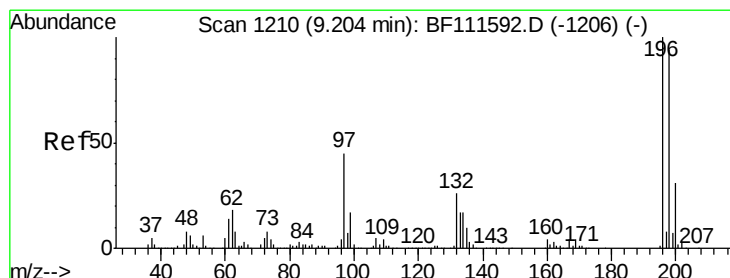
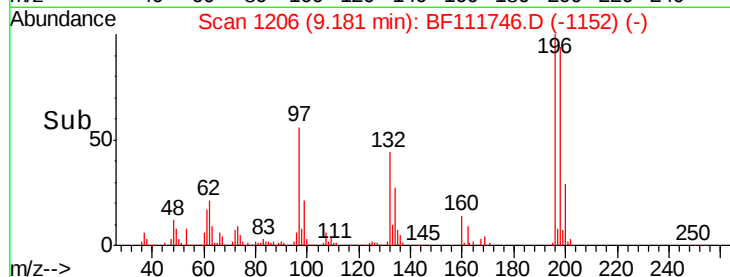
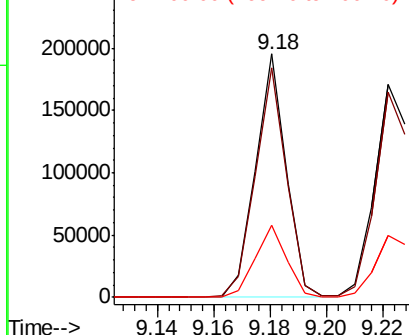


Abundance

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

Tgt Ion:196 Resp: 153439

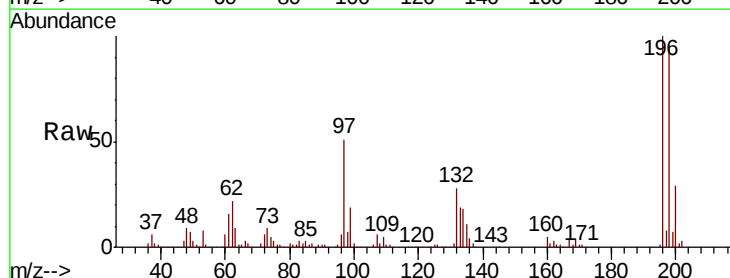
Ion Ratio Lower Upper

196 100

198 96.0 72.9 109.3

97 51.5 45.3 67.9

132 28.1 25.5 38.3



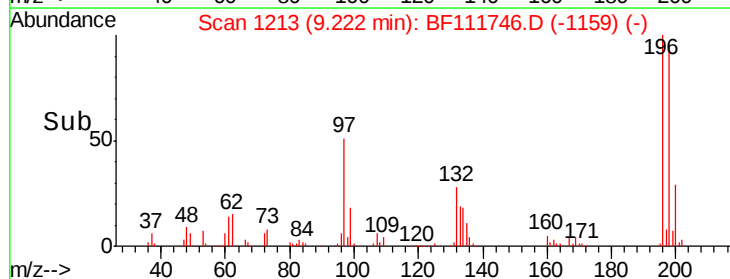
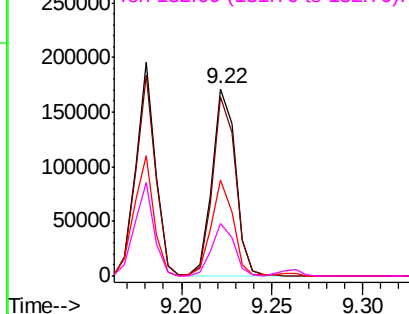
Abundance

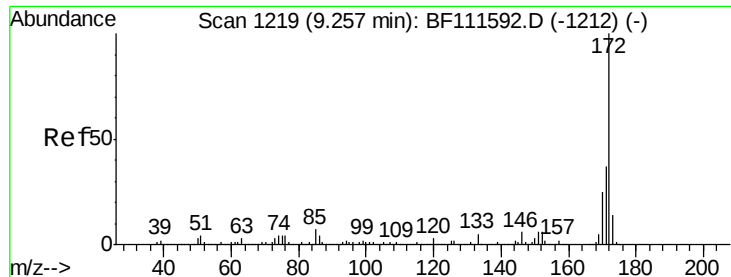
Ion 196.00 (195.70 to 196.70): E

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

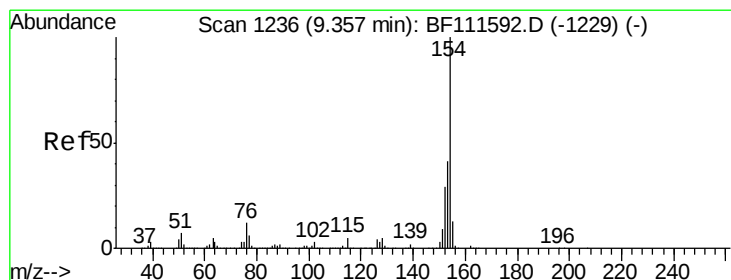
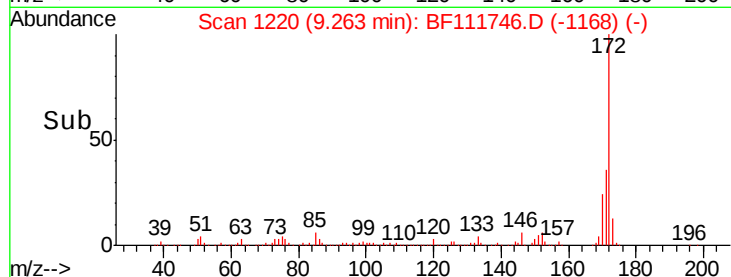
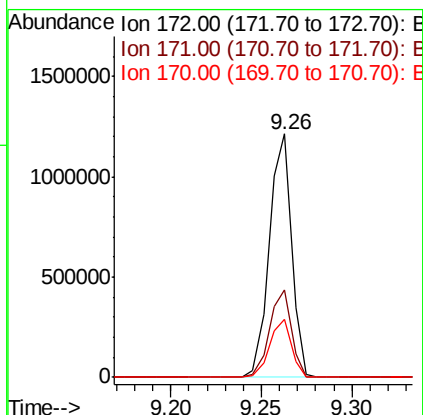
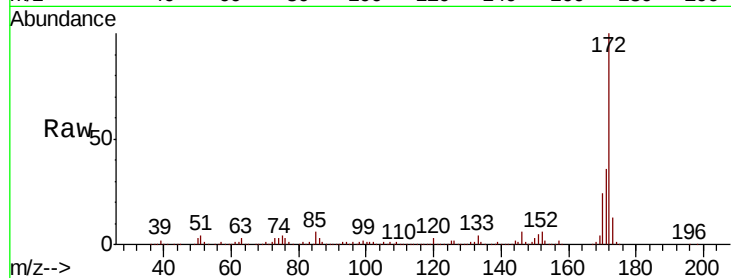




#45
2-Fluorobiphenyl
Concen: 91.635 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

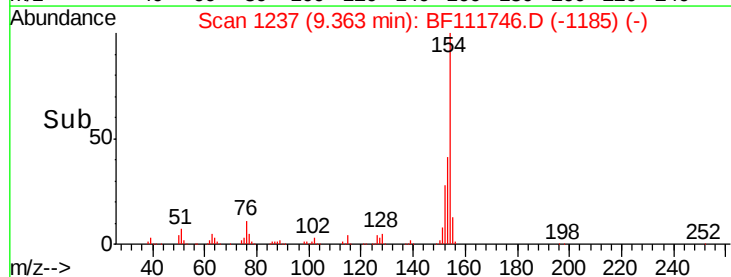
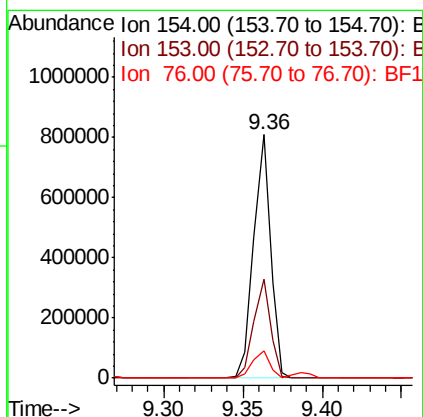
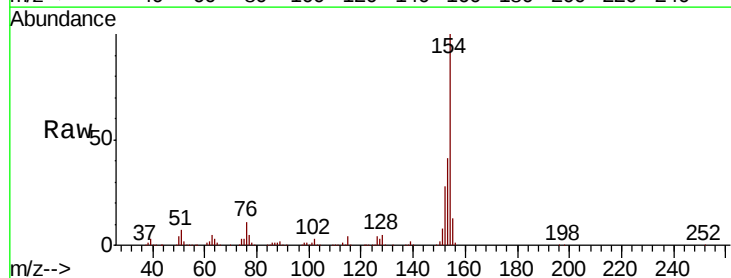
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

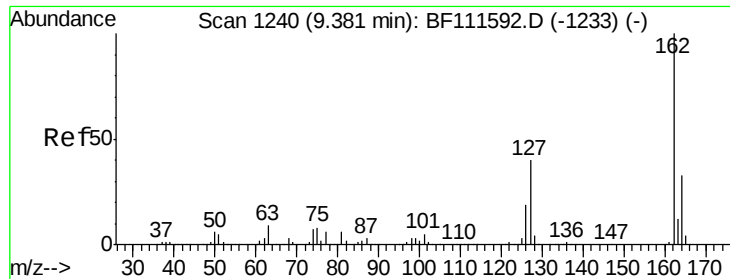
Tot Ion:172 Resp: 1032665
Ion Ratio Lower Upper
172 100
171 36.1 33.0 49.4
170 23.9 22.3 33.5



#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

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

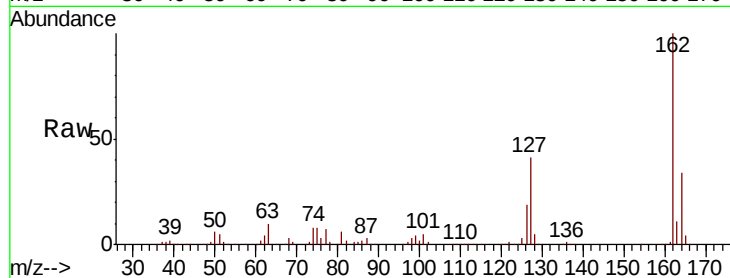




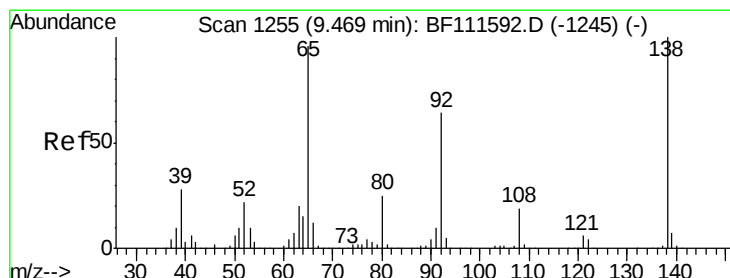
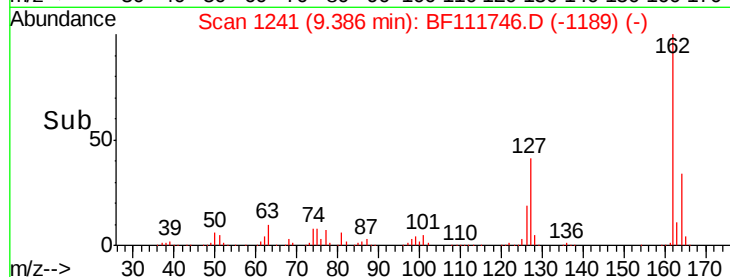
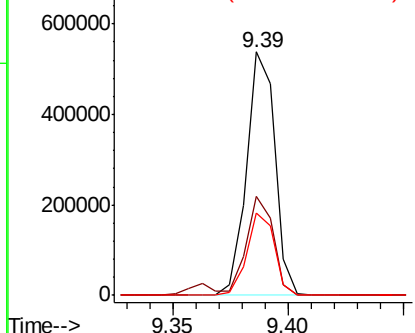
#47
 2-Chloronaphthalene
 Concen: 42.072 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

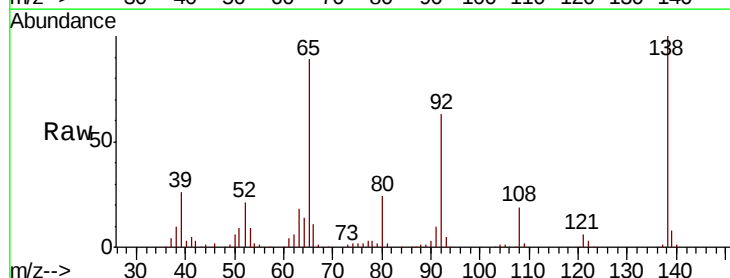


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

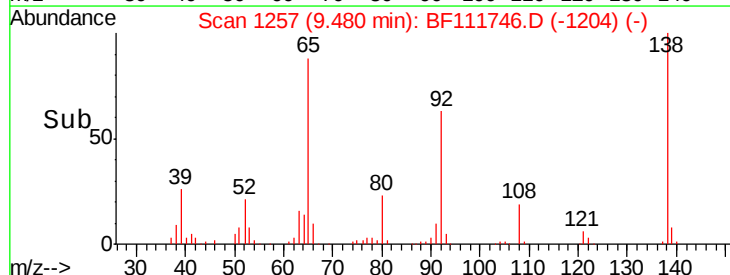
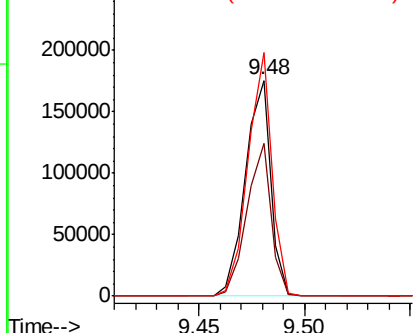


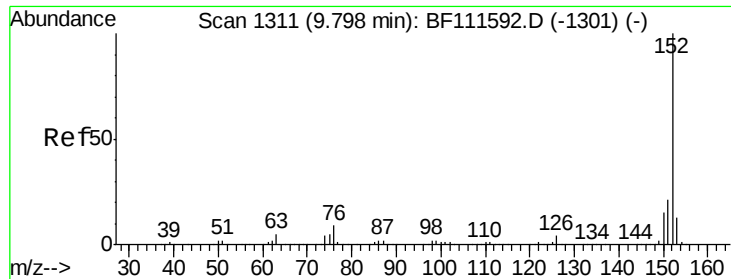
#48
 2-Nitroaniline
 Concen: 51.312 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

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



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

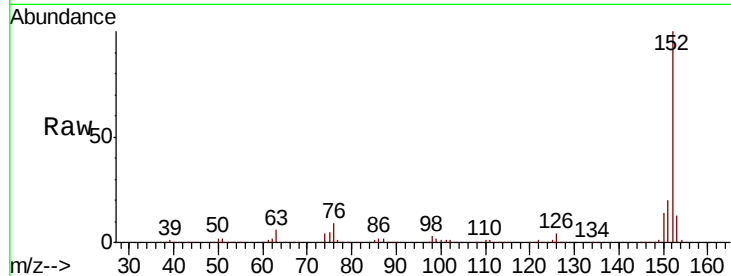
Tot Ion:152 Resp: 668343

Ion Ratio Lower Upper

152 100

151 20.1 18.0 27.0

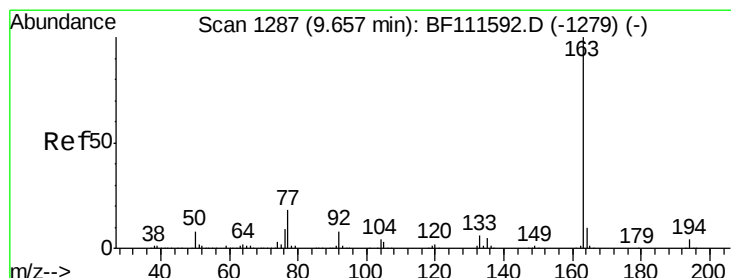
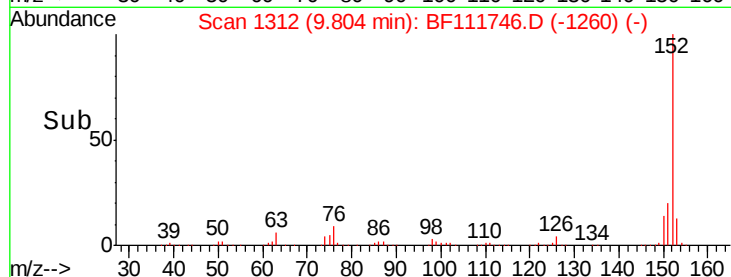
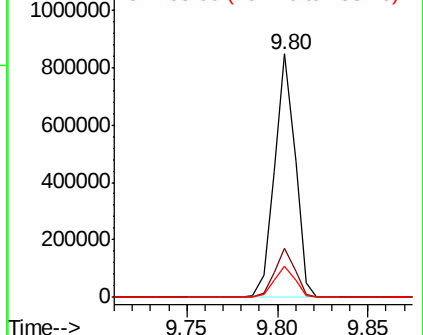
153 12.9 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

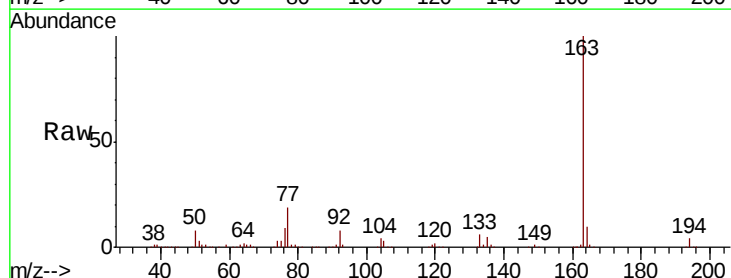
Tgt Ion:163 Resp: 530646

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

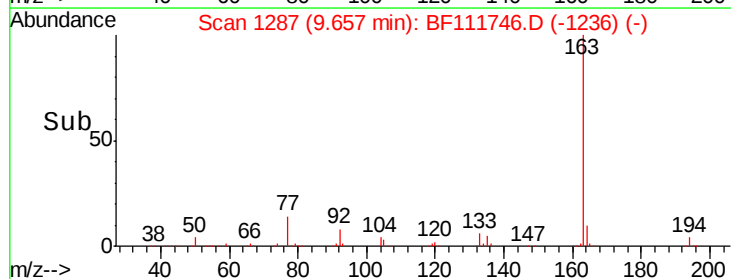
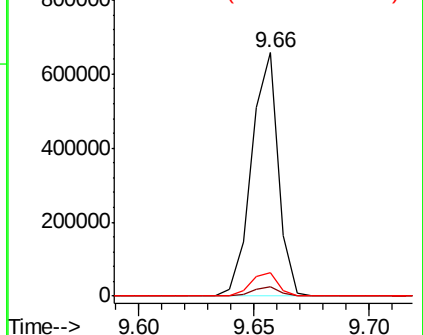
164 9.7 8.9 13.3

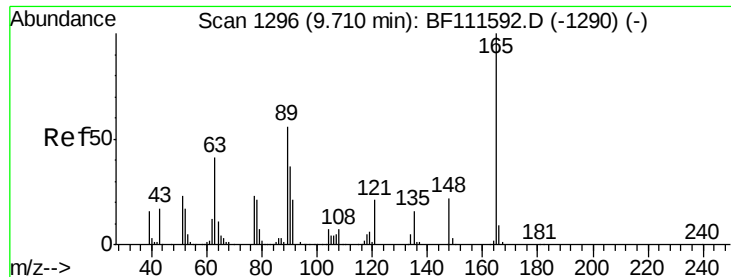


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

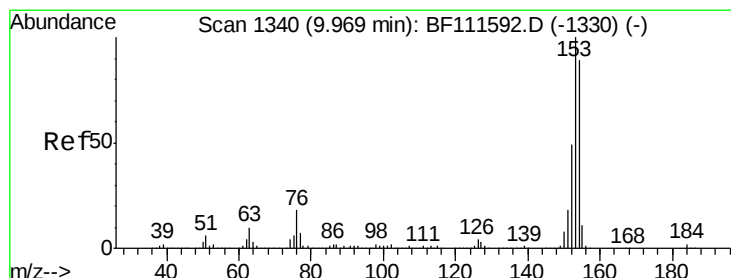
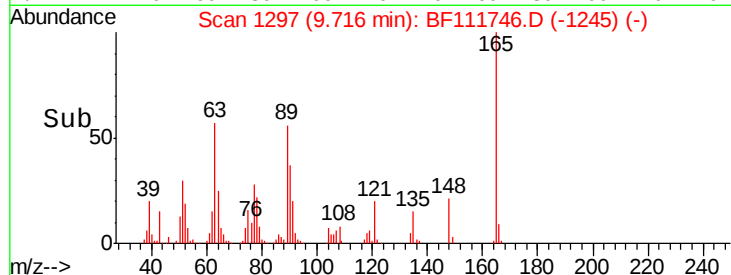
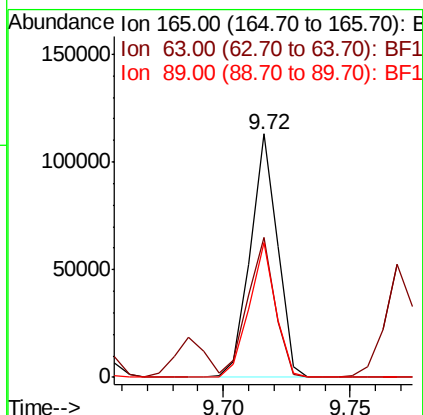
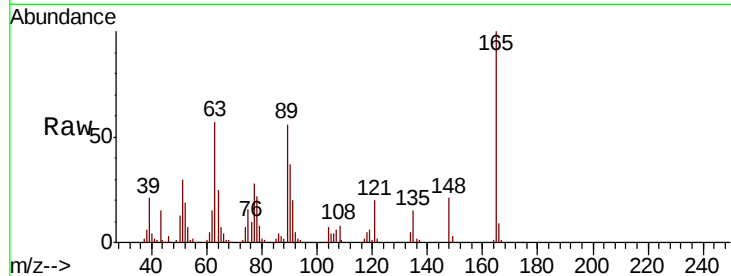




#51
 2,6-Dinitrotoluene
 Concen: 35.260 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

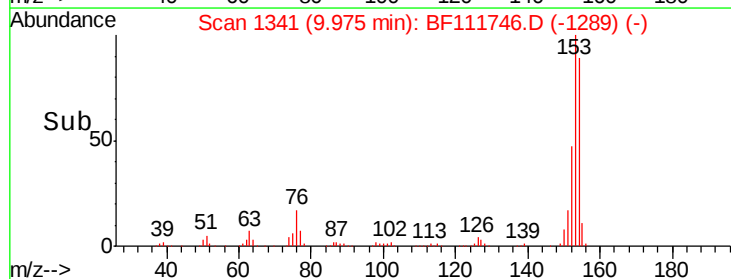
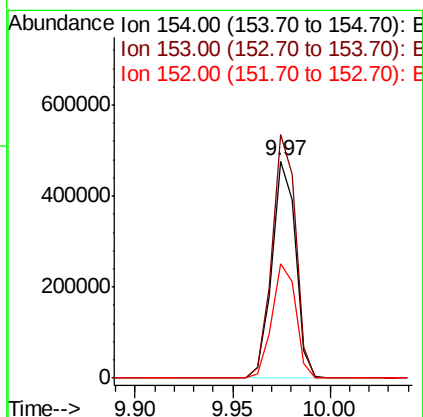
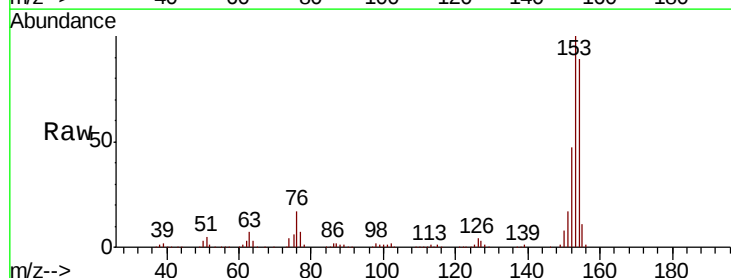
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

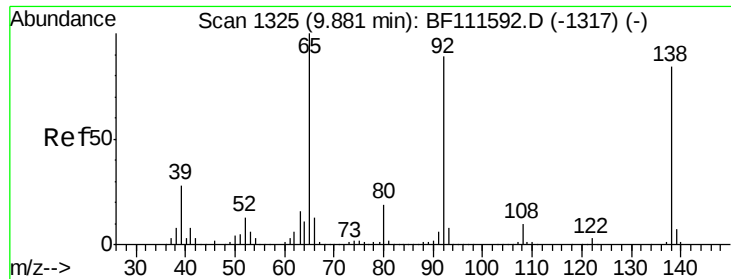
Tot Ion:165 Resp: 84453
 Ion Ratio Lower Upper
 165 100
 63 57.4 40.5 60.7
 89 55.6 40.0 60.0



#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

Tgt Ion:154 Resp: 400271
 Ion Ratio Lower Upper
 154 100
 153 112.1 87.8 131.8
 152 52.4 43.4 65.2

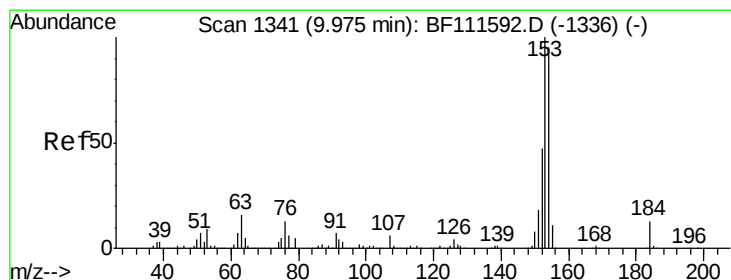
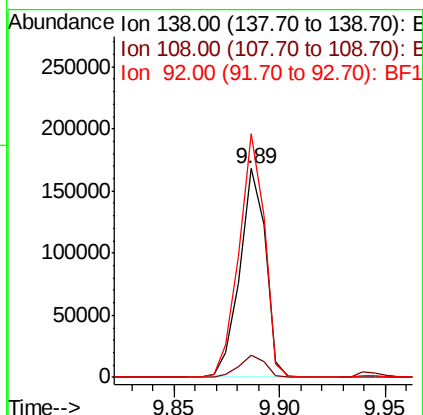
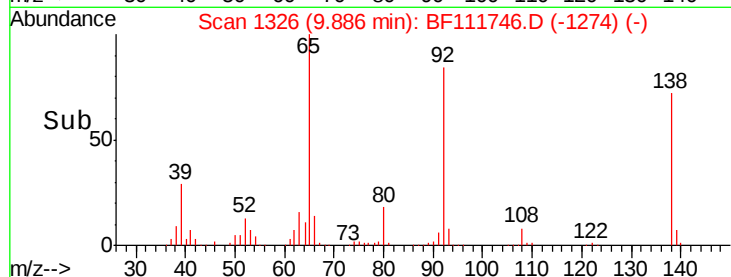
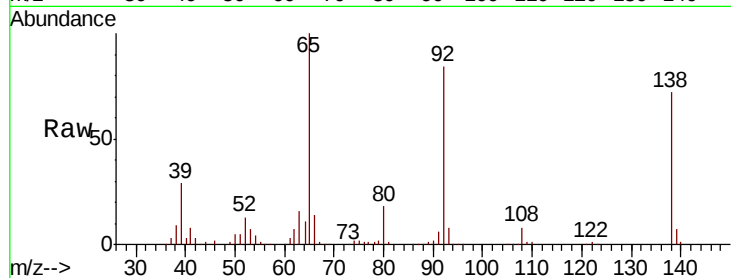




#53
 3-Nitroaniline
 Concen: 55.596 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

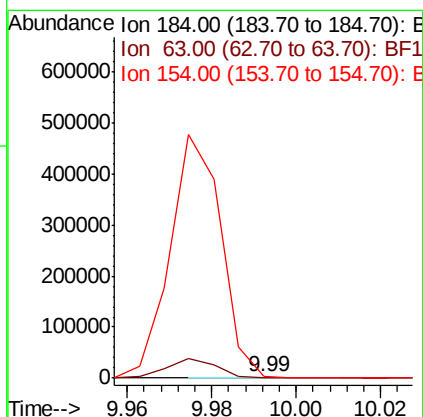
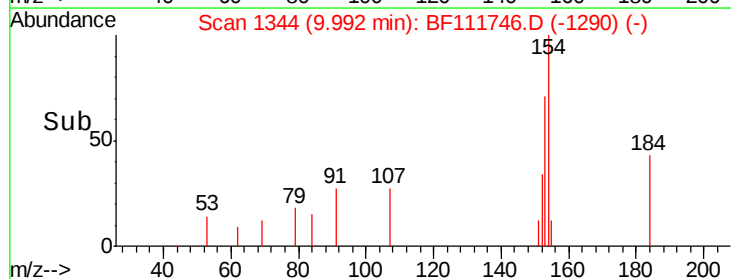
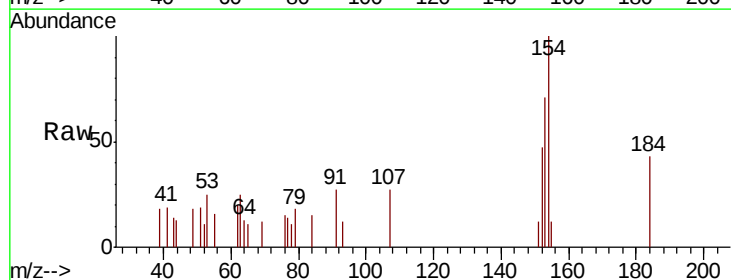
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

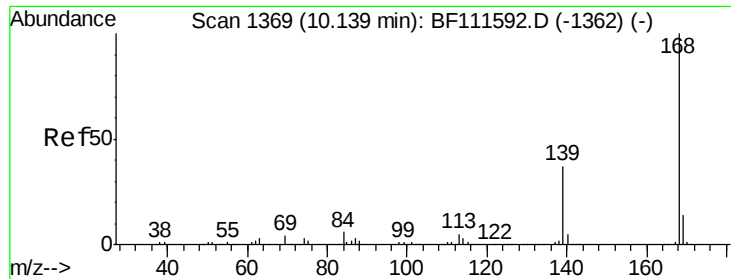
Tot Ion:138 Resp: 142014
 Ion Ratio Lower Upper
 138 100
 108 10.8 8.2 12.4
 92 116.6 93.4 140.2



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

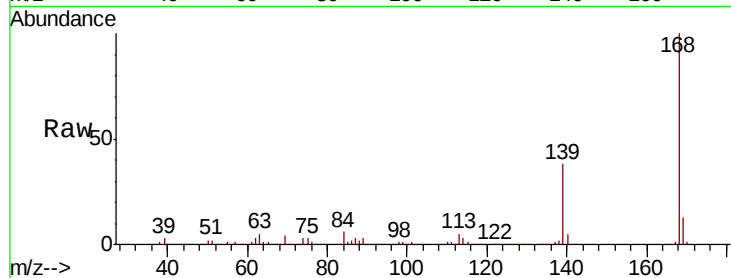
Tot Ion:168 Resp: 630843

Ion Ratio Lower Upper

168 100

139 37.8 32.6 49.0

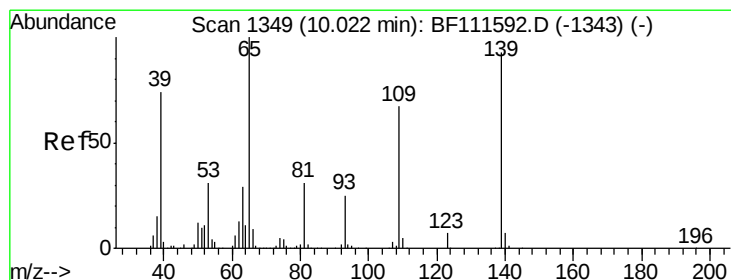
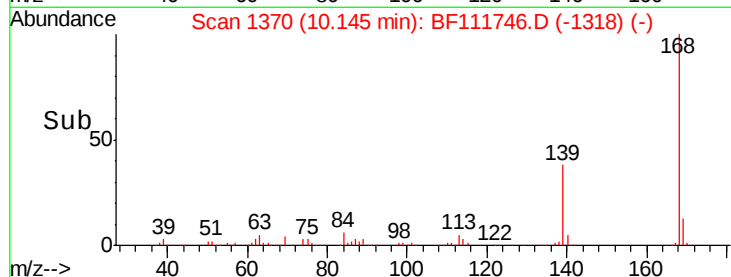
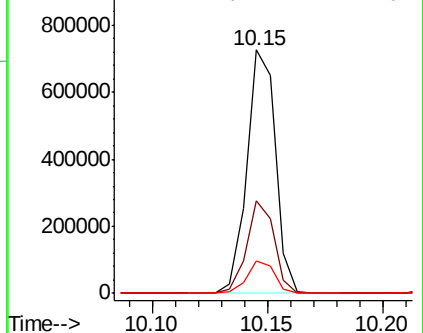
169 13.3 11.8 17.6



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

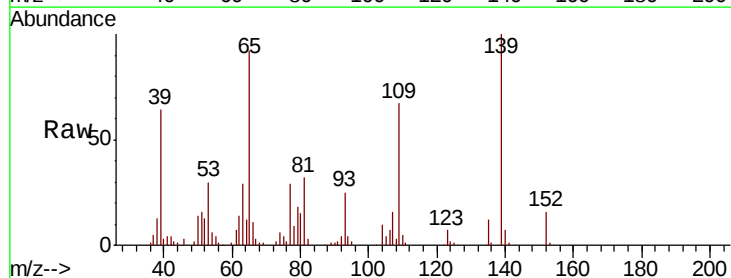
Tgt Ion:139 Resp: 71928

Ion Ratio Lower Upper

139 100

109 67.5 41.8 81.8

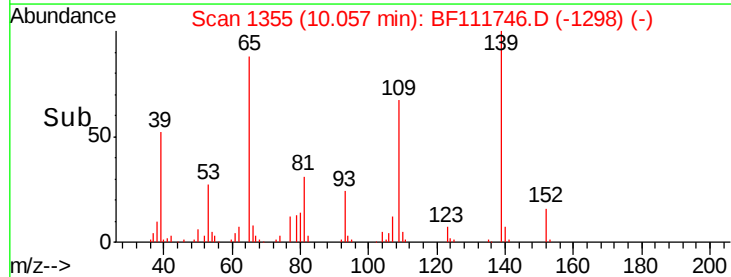
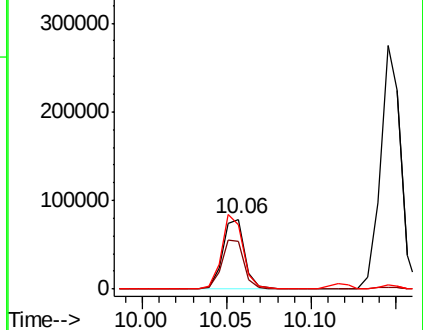
65 92.4 79.6 119.6

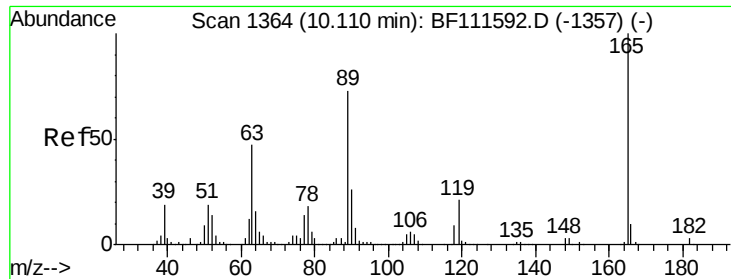


Abundance Ion 139.00 (138.70 to 139.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 97536

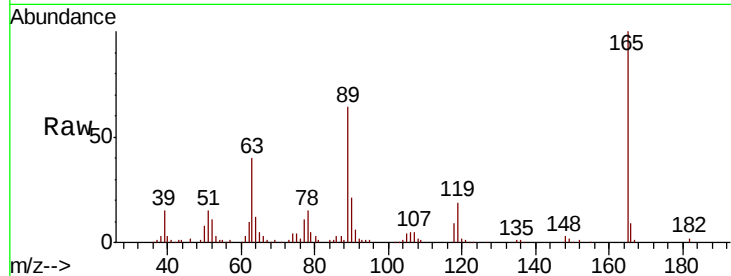
Ion Ratio Lower Upper

165 100

63 40.0 34.6 52.0

89 64.1 56.2 84.4

182 2.4 1.8 2.6

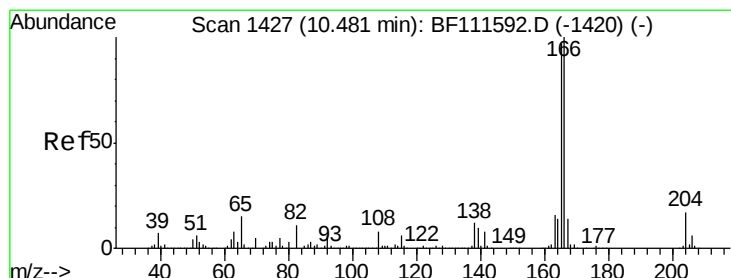
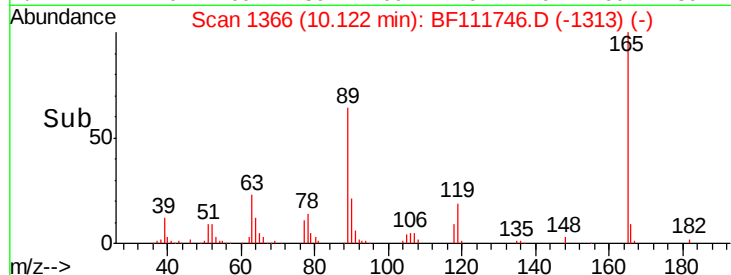
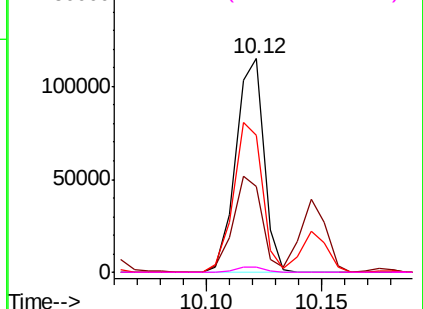


Abundance Ion 165.00 (164.70 to 165.70): E

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

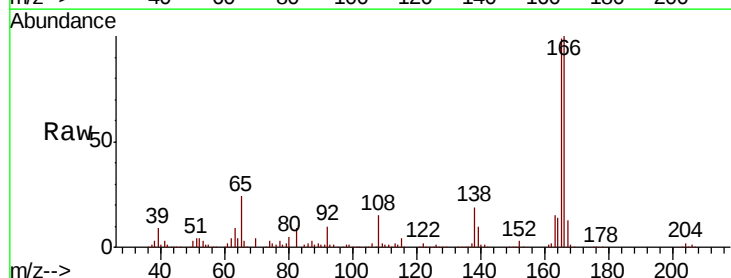
Tgt Ion:166 Resp: 448222

Ion Ratio Lower Upper

166 100

165 99.4 78.4 117.6

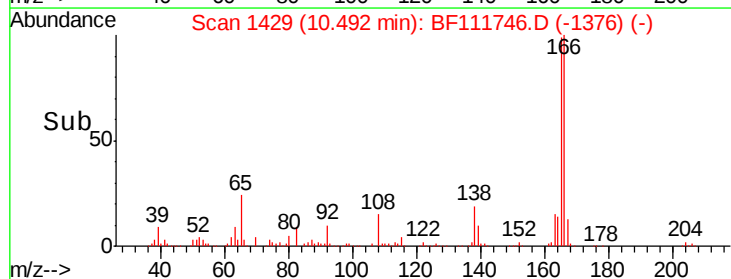
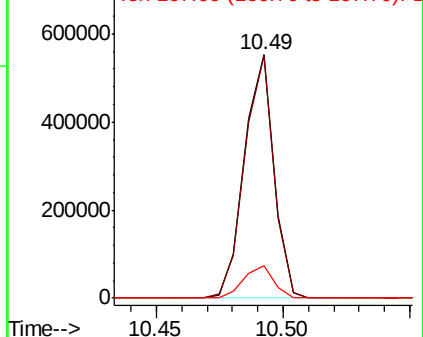
167 13.4 11.2 16.8

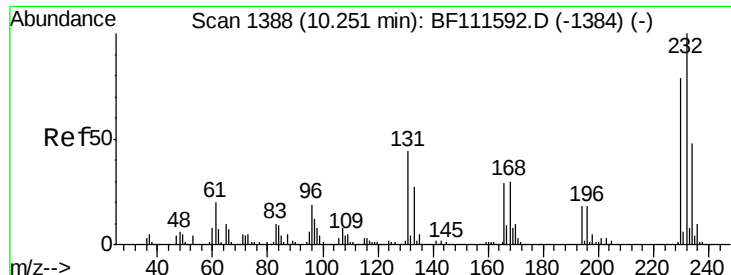


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

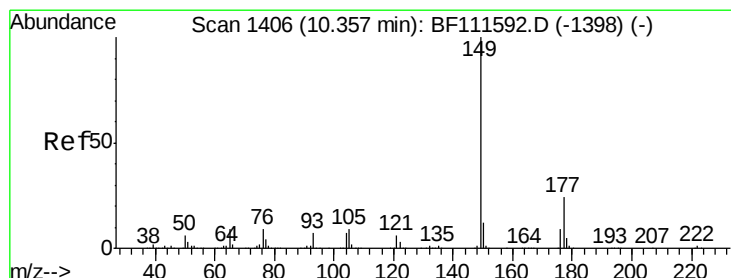
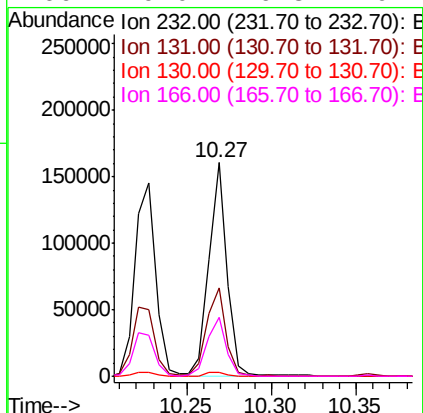
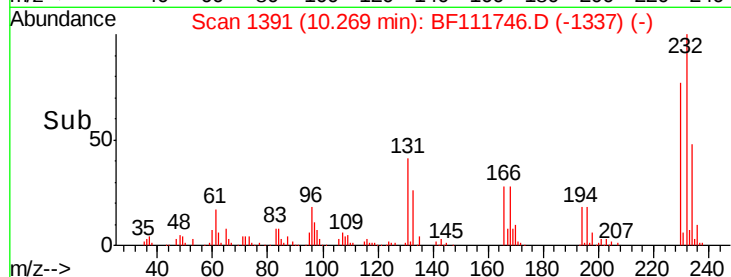
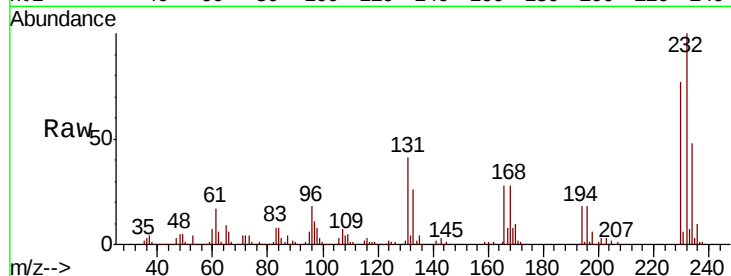




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.191 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

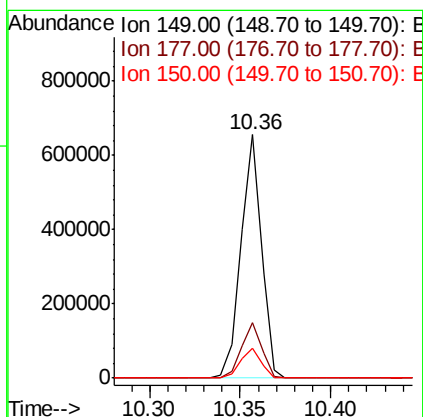
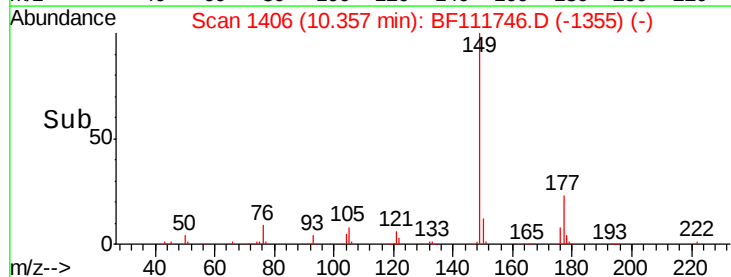
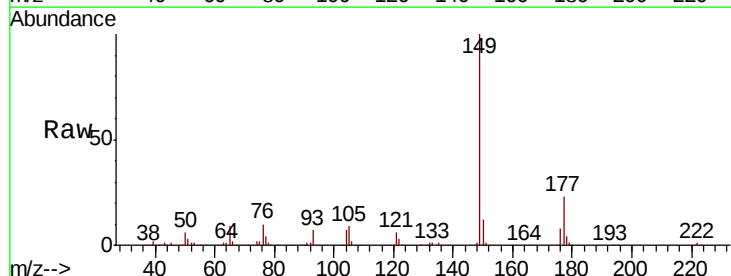
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

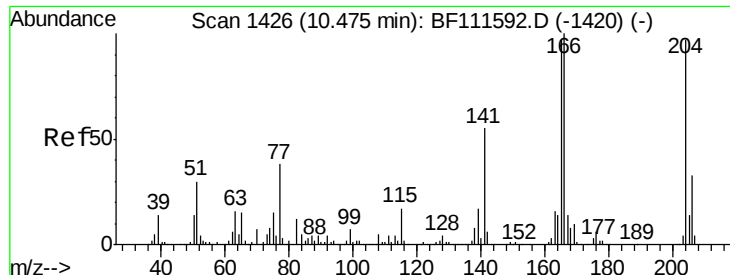
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	40.9	61.3
130	2.1	2.0	3.0
166	29.0	26.8	40.2



#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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.0	10.6	15.8

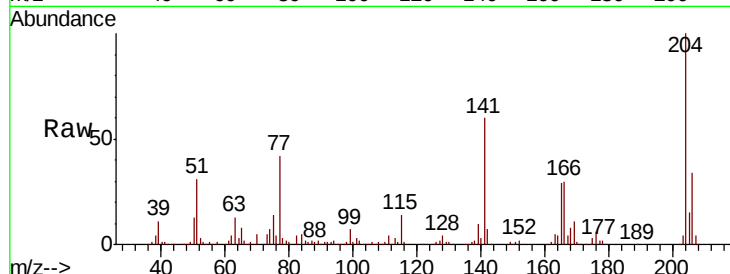




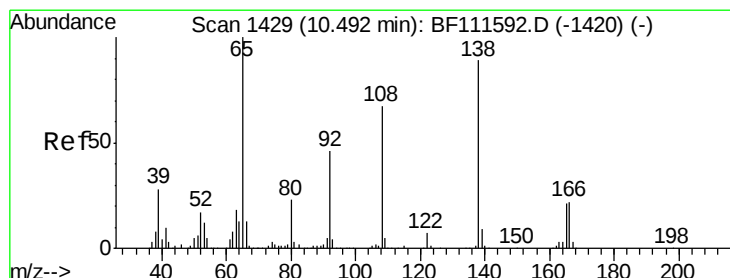
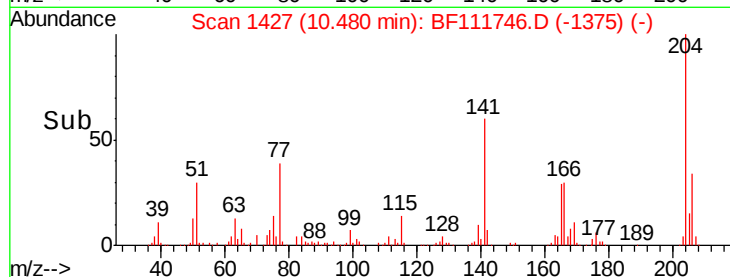
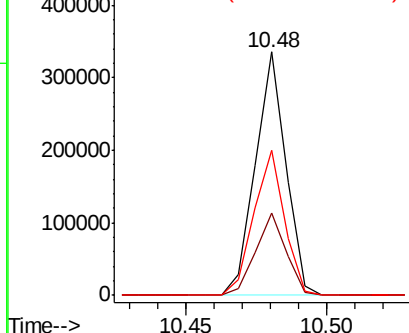
#61
4-Chlorophenyl-phenylether
Concen: 42.351 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

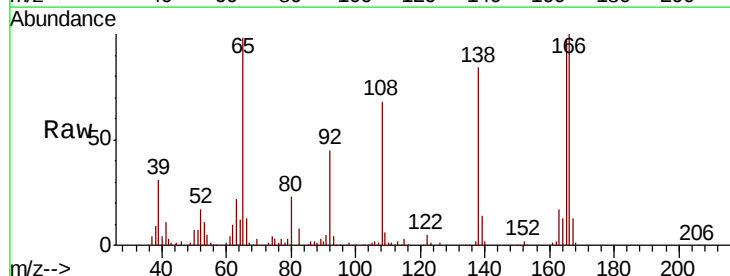


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

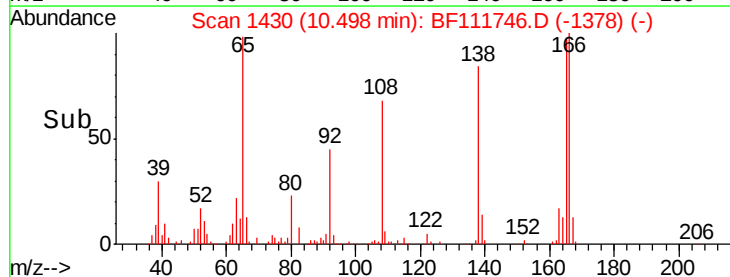
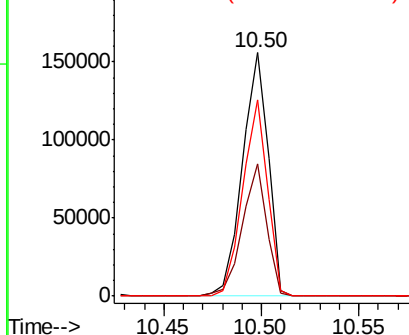


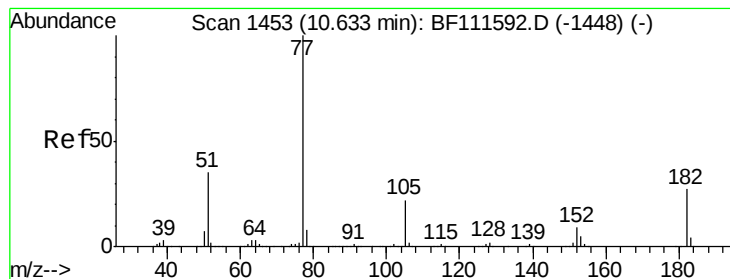
#62
4-Nitroaniline
Concen: 57.453 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 474703

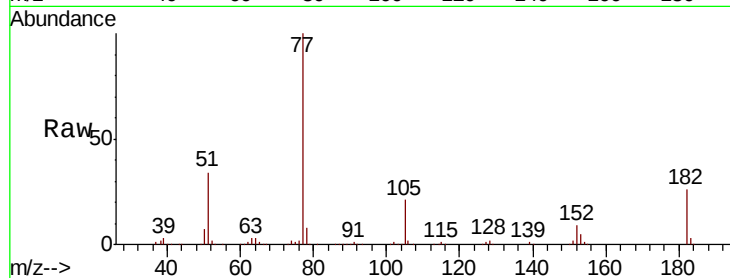
Ion Ratio Lower Upper

77 100

182 25.8 4.9 44.9

105 20.6 6.0 46.0

51 34.0 14.7 54.7

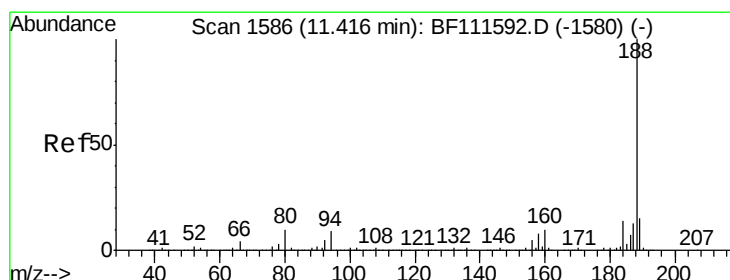
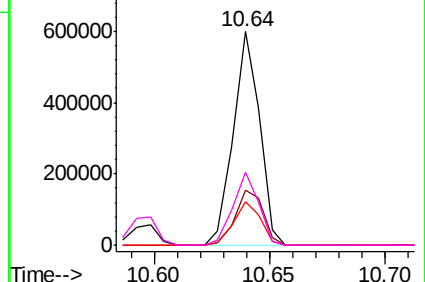
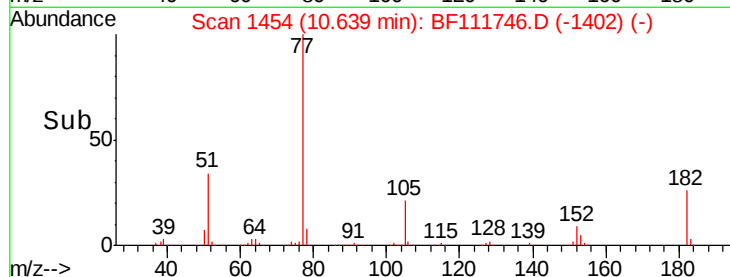


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

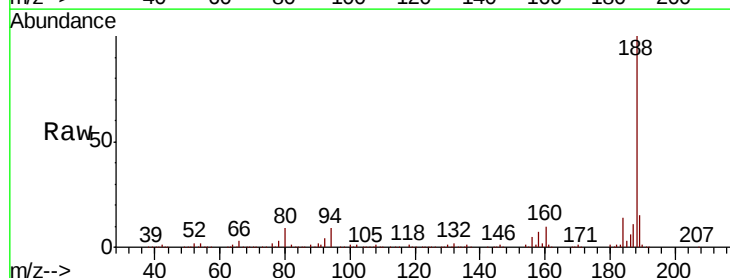
Tgt Ion: 188 Resp: 324308

Ion Ratio Lower Upper

188 100

94 8.6 9.6 14.4#

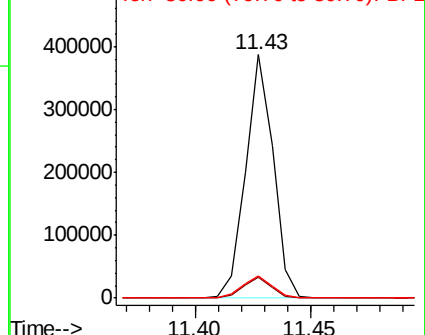
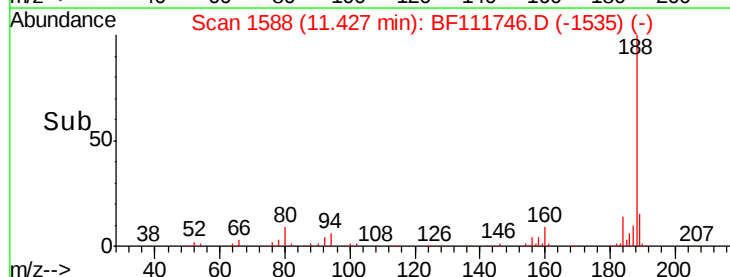
80 8.9 9.8 14.6#

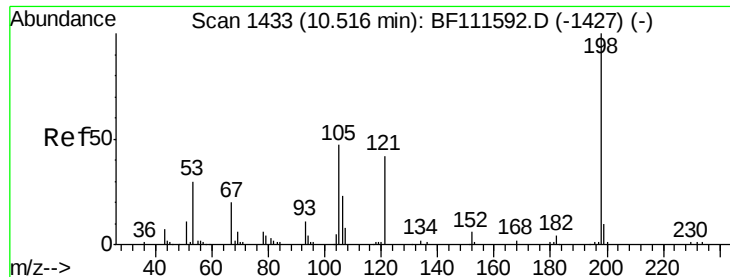


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

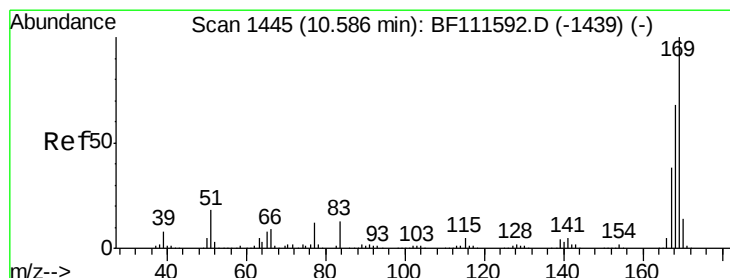
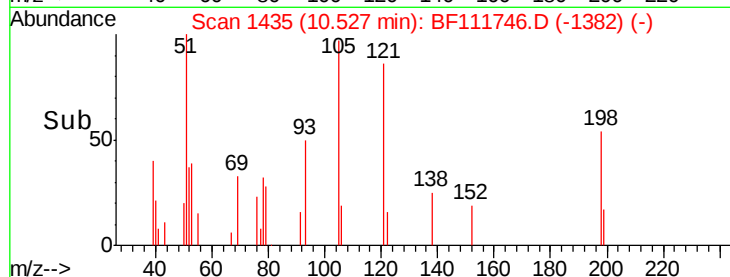
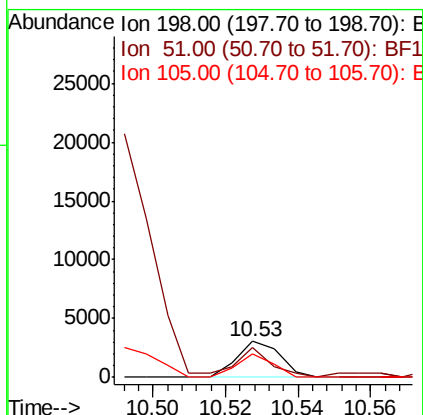
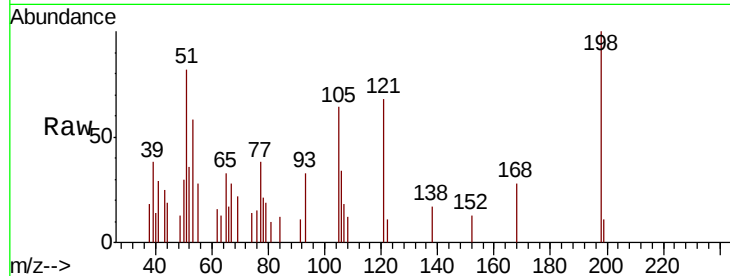




#65
4,6-Dinitro-2-methylphenol
Concen: 8.319 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

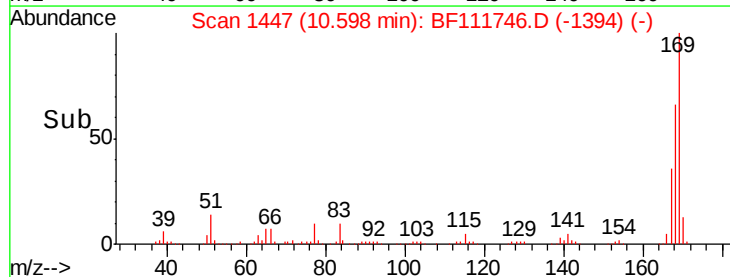
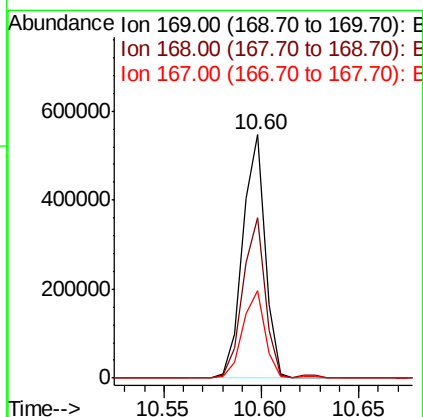
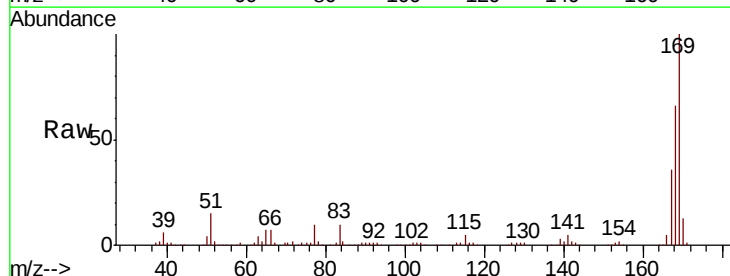
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

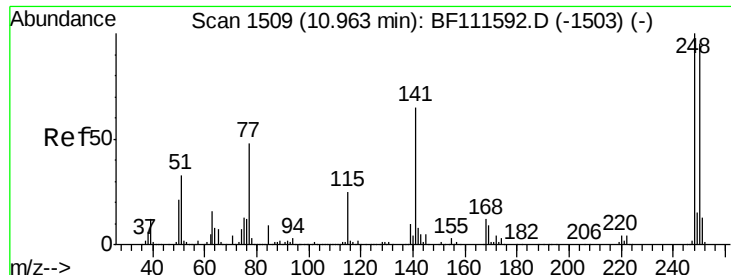
Tot Ion:198 Resp: 2533
Ion Ratio Lower Upper
198 100
51 81.8 48.0 88.0
105 64.1 34.0 74.0



#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

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

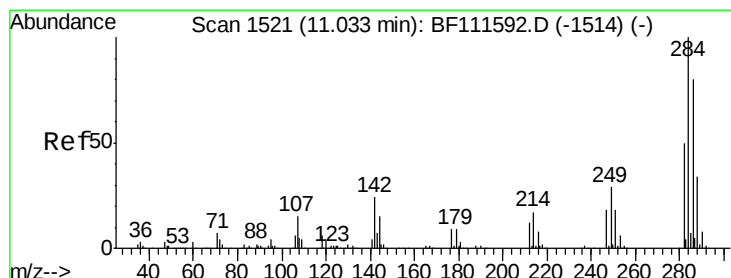
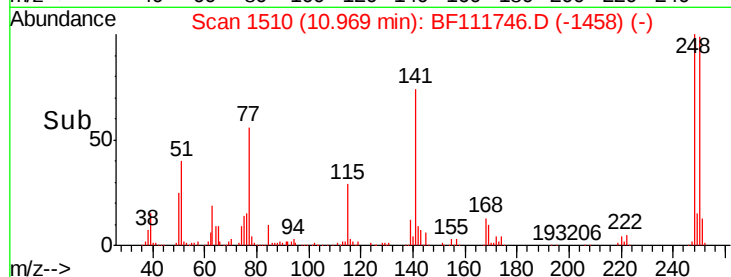
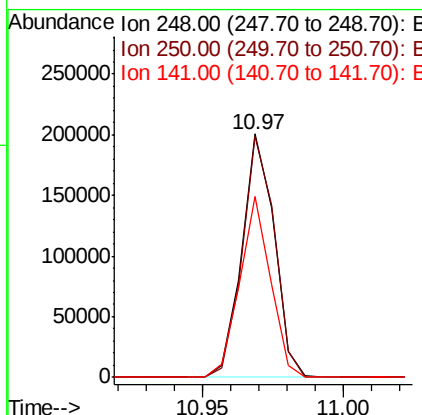
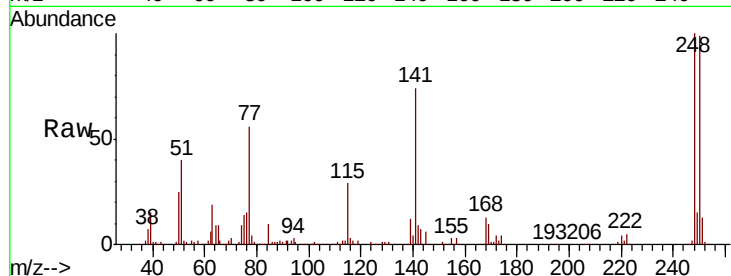




#67
 4-Bromophenyl-phenylether
 Concen: 39.639 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

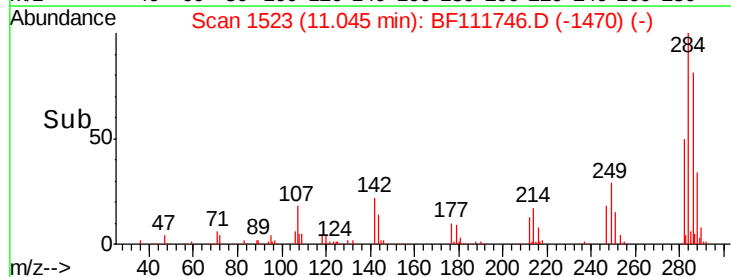
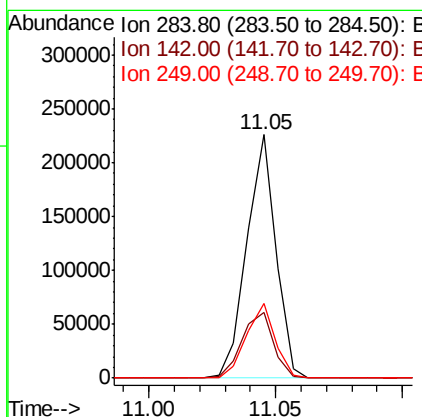
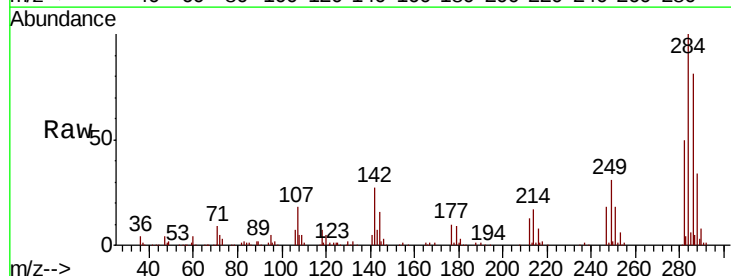
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

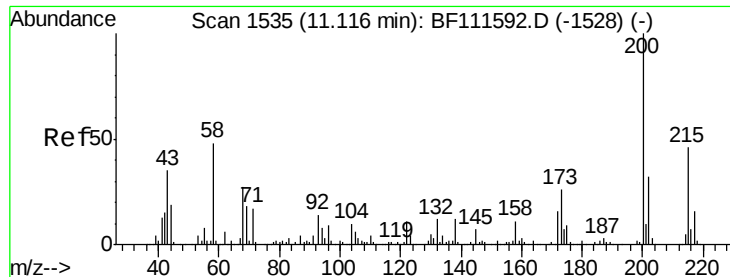
Tot Ion:248 Resp: 159446
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.0 115.4
 141 74.5 63.0 94.6



#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

Tgt Ion:284 Resp: 180506
 Ion Ratio Lower Upper
 284 100
 142 27.1 27.4 41.2#
 249 30.7 24.4 36.6

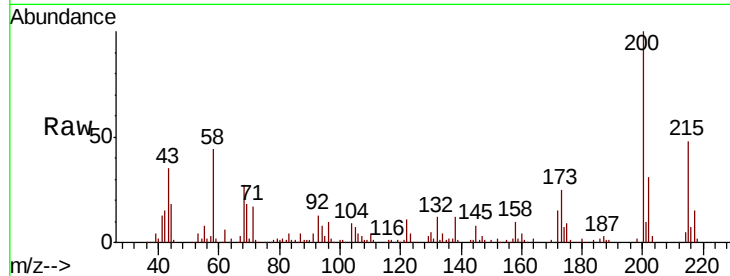




#69
Atrazine
Concen: 30.687 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	10.1	50.1
215	48.3	26.9	66.9

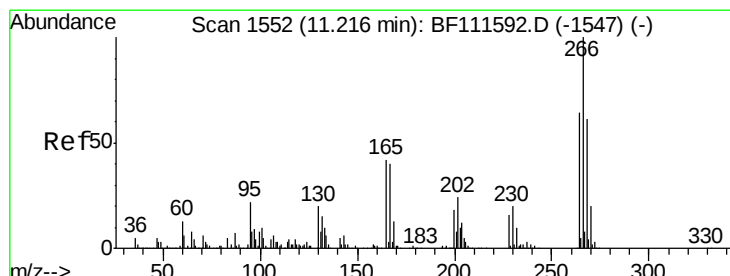
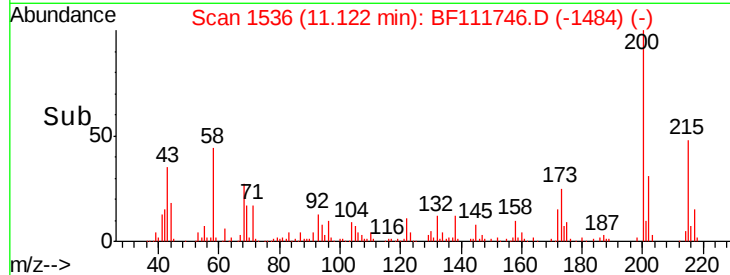
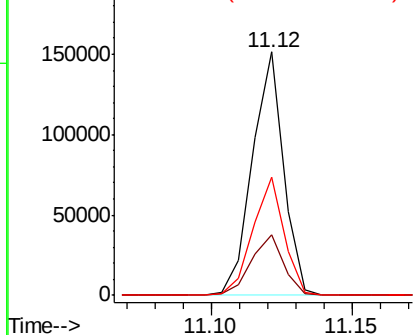


Abundance

Ion 200.00 (199.70 to 200.70): E

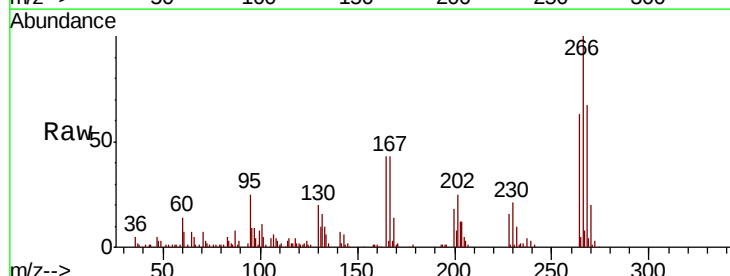
Ion 173.00 (172.70 to 173.70): E

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

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

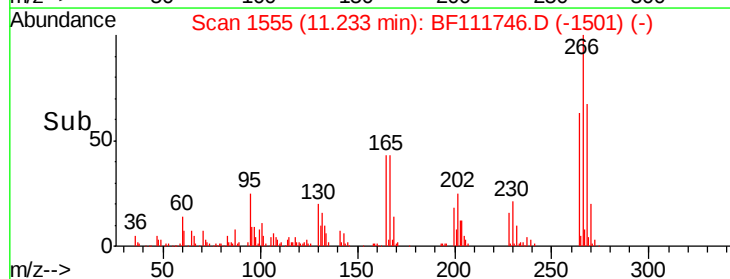
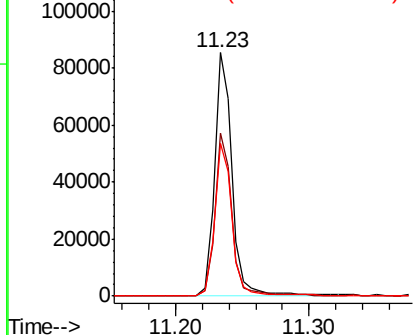


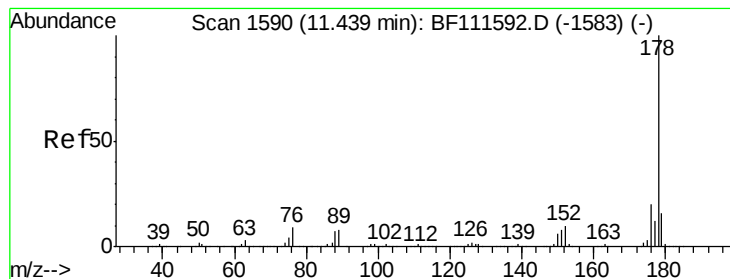
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

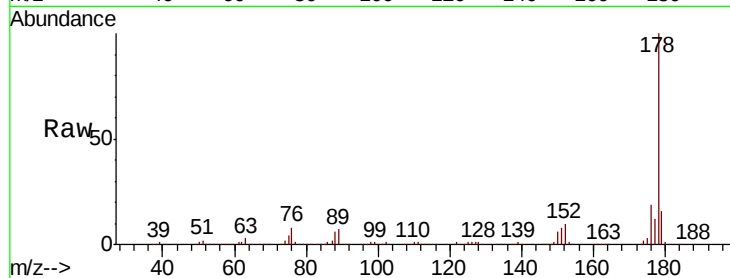
Tot Ion:178 Resp: 706746

Ion Ratio Lower Upper

178 100

176 19.4 18.1 27.1

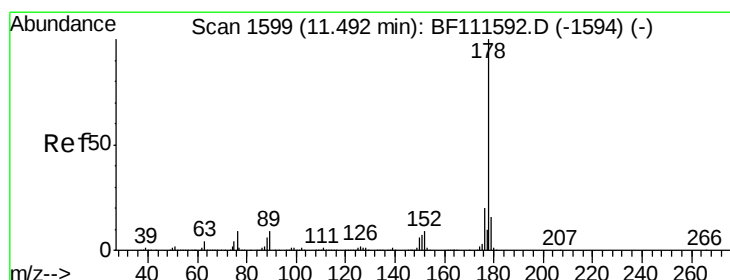
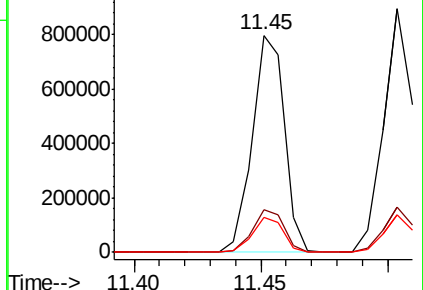
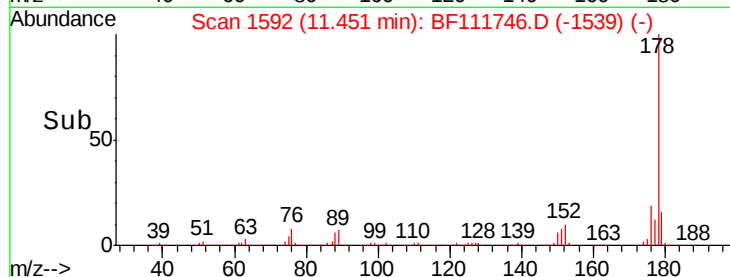
179 15.9 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

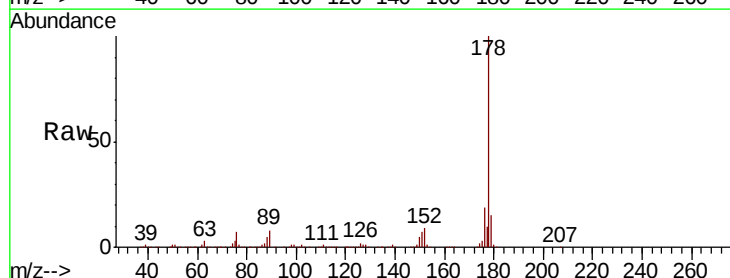
Tgt Ion:178 Resp: 718308

Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

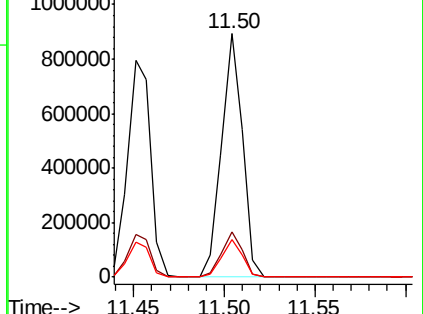
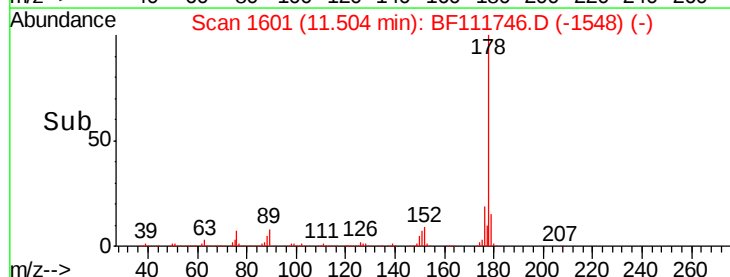
179 15.2 13.8 20.8

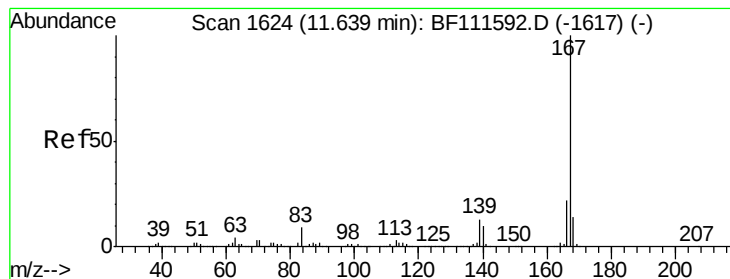


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

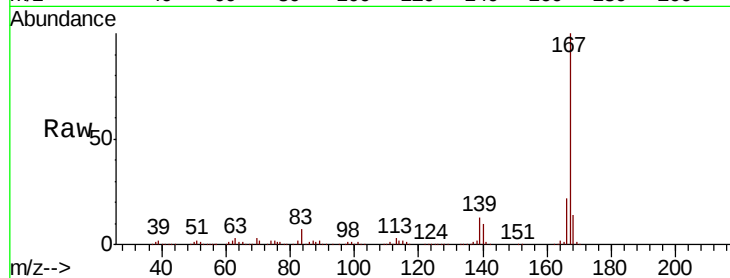
Tot Ion:167 Resp: 706905

Ion Ratio Lower Upper

167 100

166 21.7 19.3 28.9

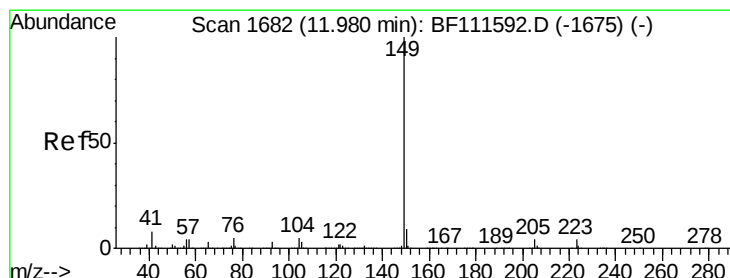
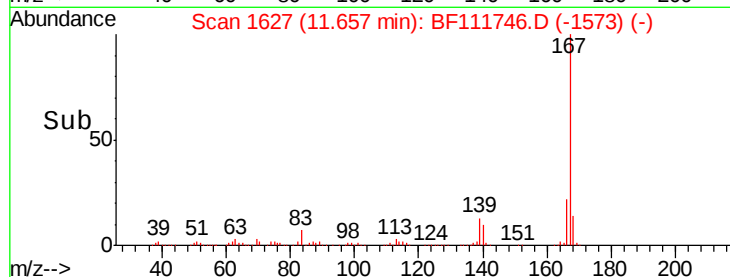
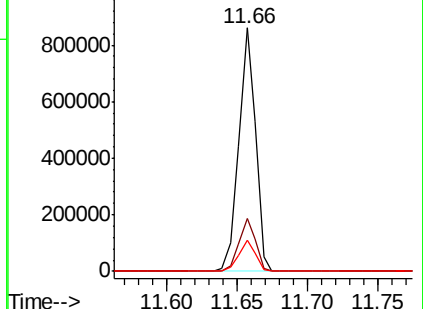
139 12.7 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 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

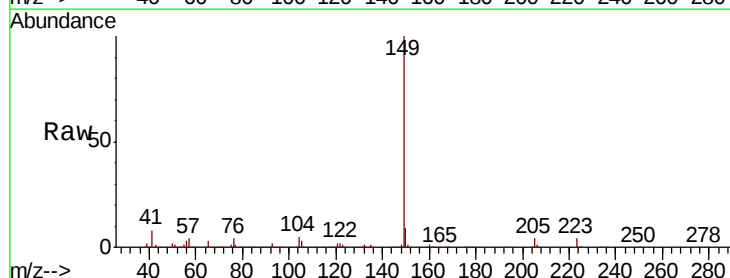
Tgt Ion:149 Resp: 816685

Ion Ratio Lower Upper

149 100

150 9.3 8.8 13.2

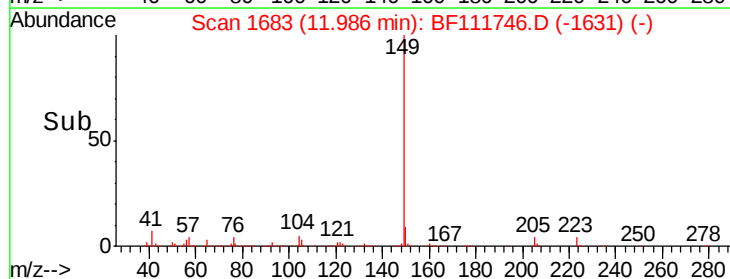
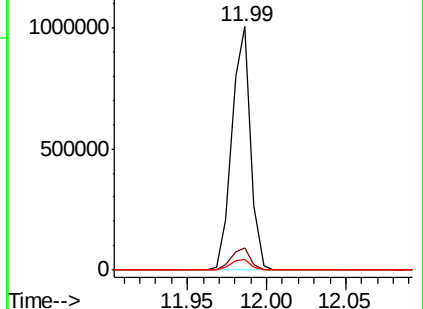
104 4.5 4.5 6.7

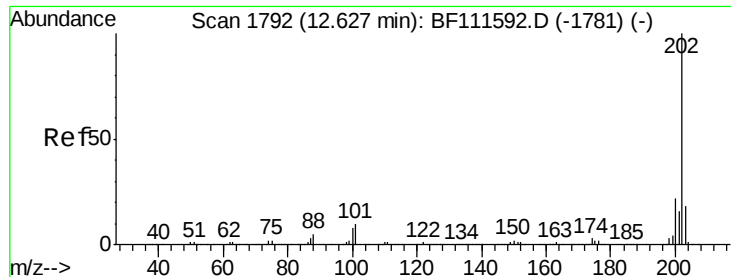


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

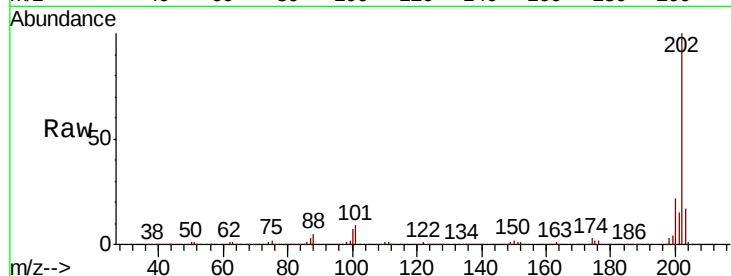




#75
 Fluoranthene
 Concen: 41.144 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	33.8
203	17.2	0.0	38.6

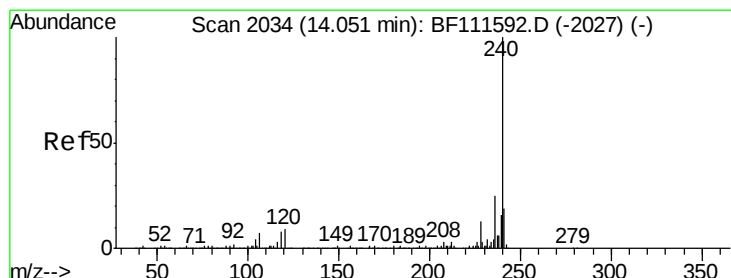
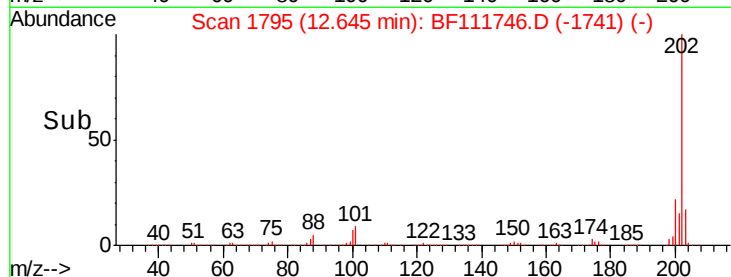
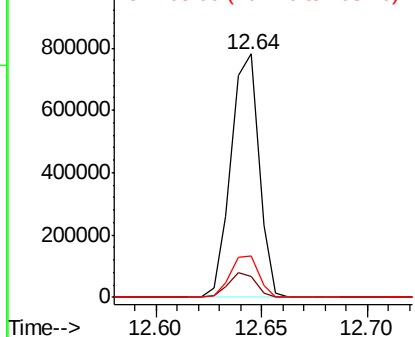


Abundance

Ion 202.00 (201.70 to 202.70): E

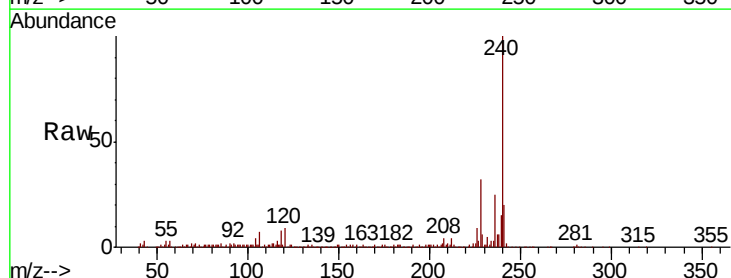
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



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

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

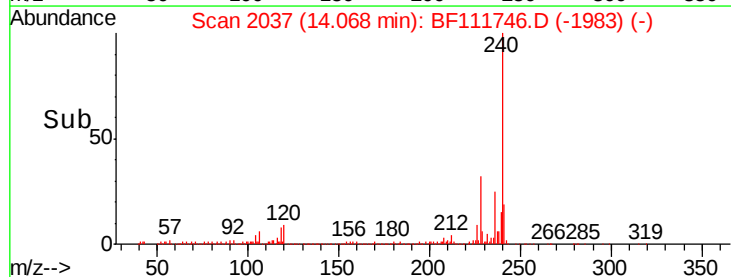
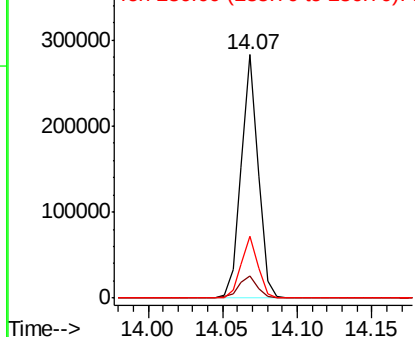


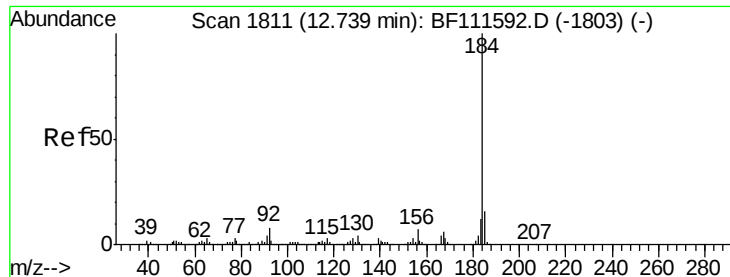
Abundance

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





#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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

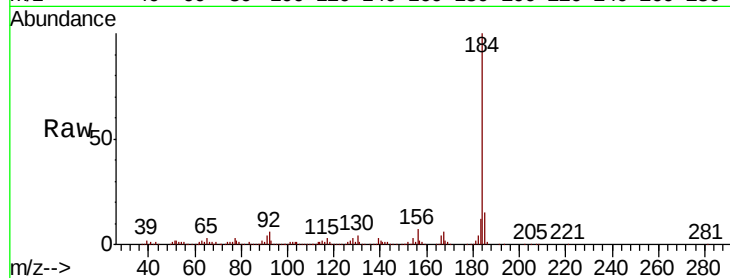
Tot Ion:184 Resp: 328047

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

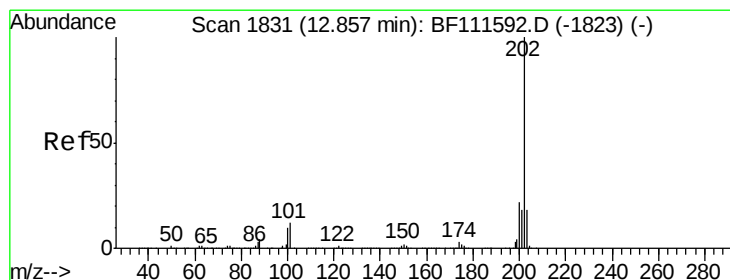
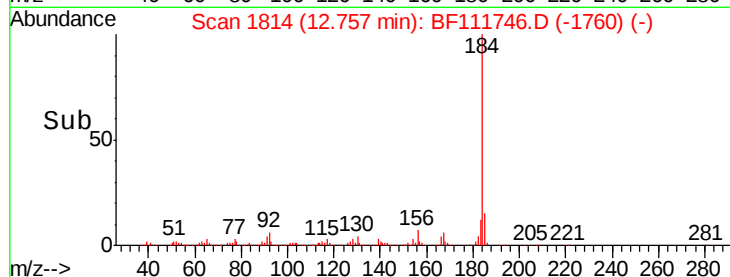
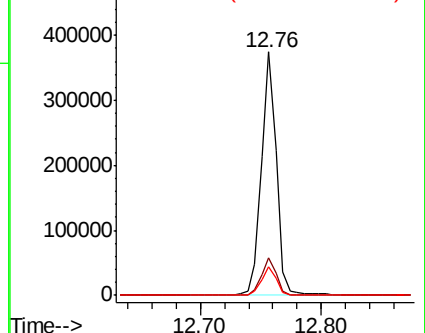
183 11.7 9.3 13.9



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



#78

Pyrene

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

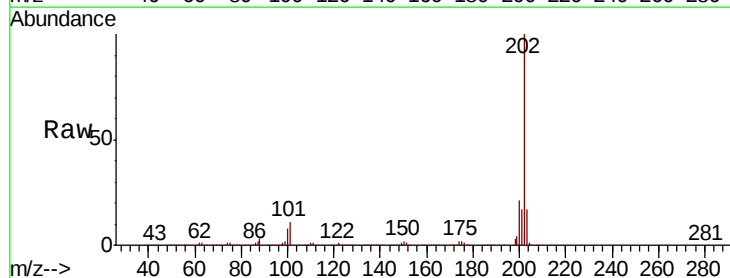
Tgt Ion:202 Resp: 722538

Ion Ratio Lower Upper

202 100

200 21.3 19.0 28.4

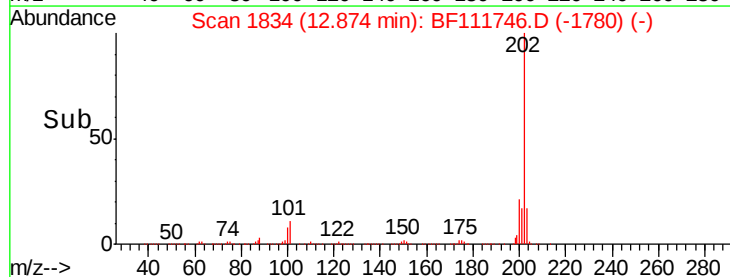
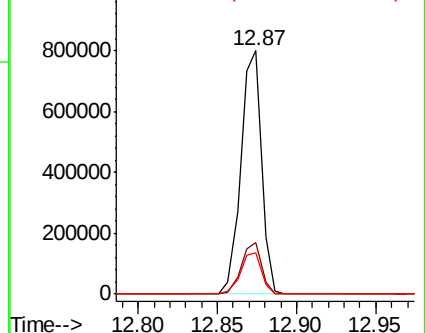
203 17.1 15.2 22.8

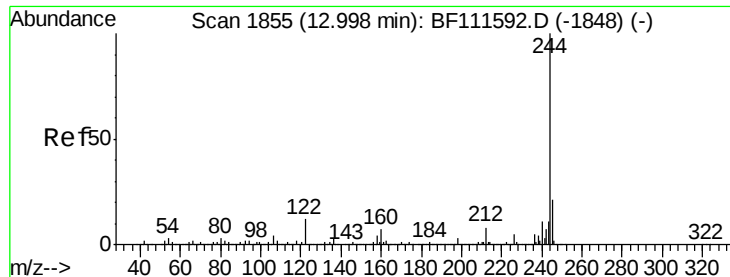


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

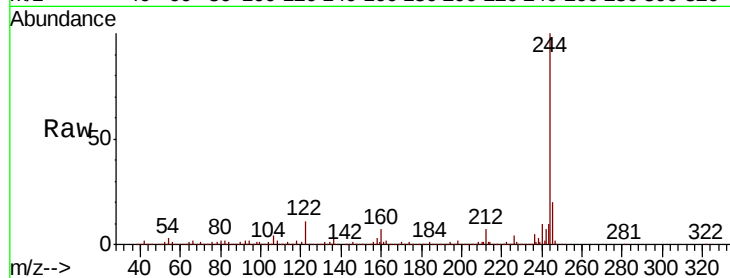
Tot Ion:244 Resp: 1147011

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

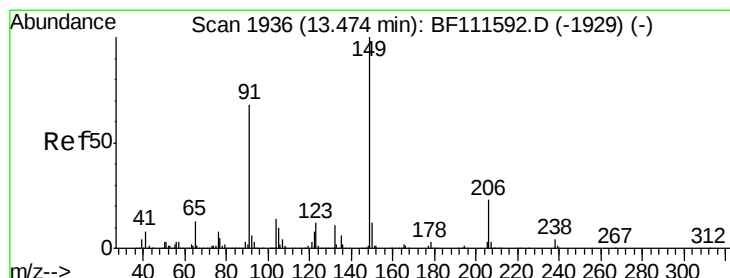
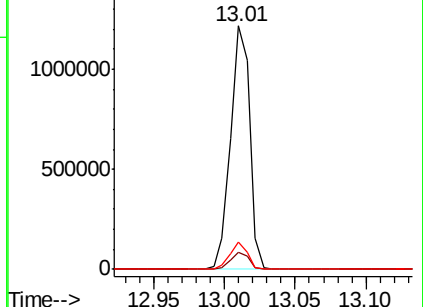
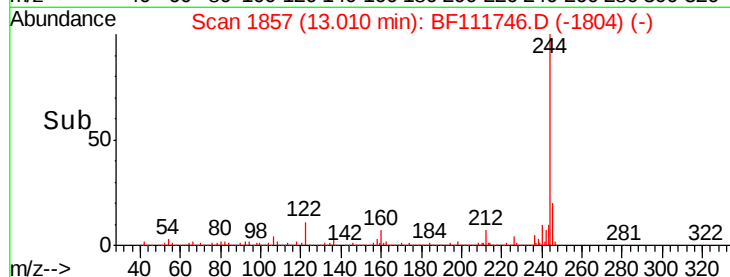
122 11.4 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

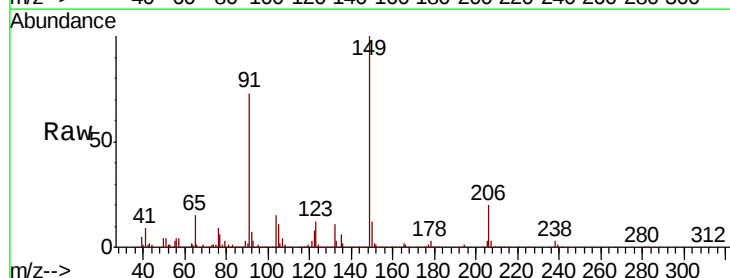
Tgt Ion:149 Resp: 325591

Ion Ratio Lower Upper

149 100

91 73.5 63.8 95.6

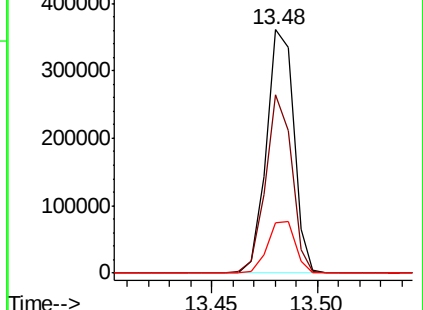
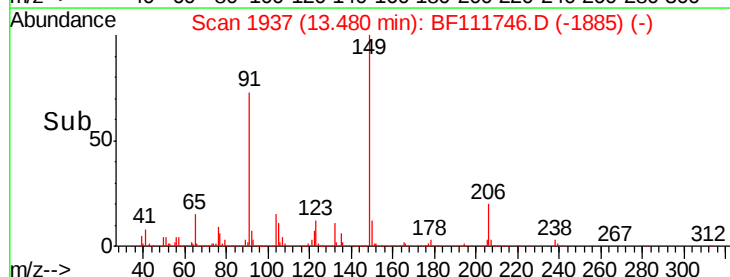
206 20.5 15.1 22.7

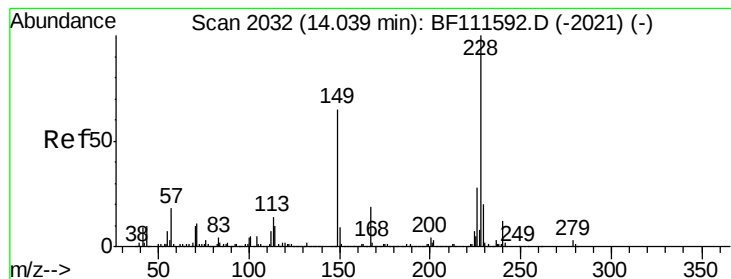


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

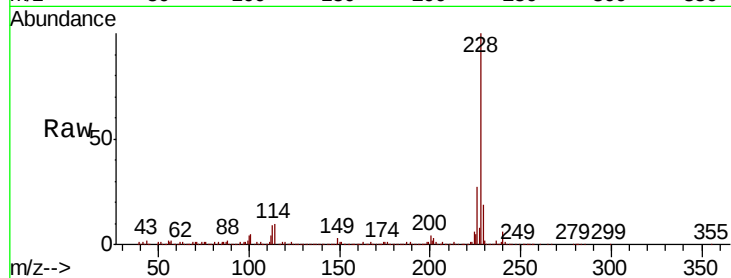
Tot Ion:228 Resp: 531991

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

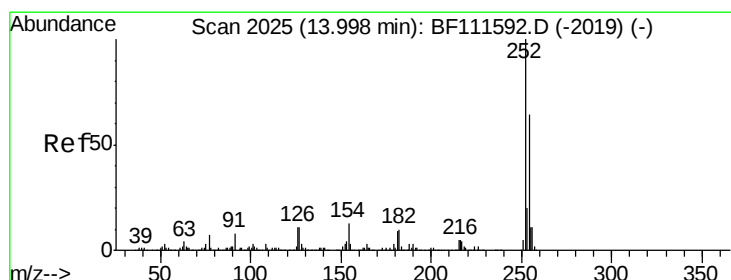
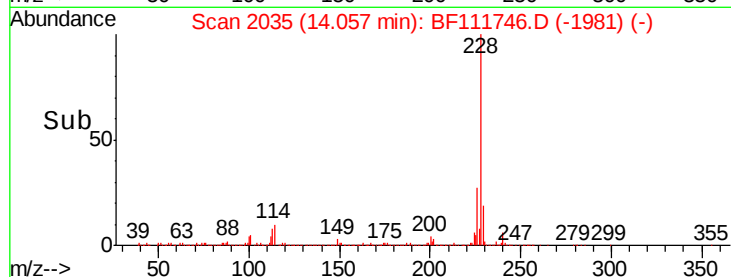
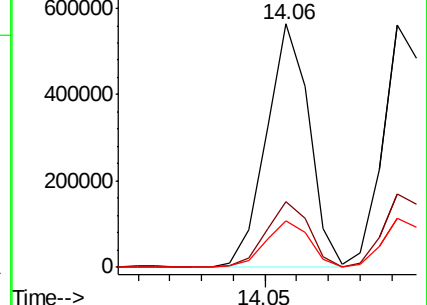
229 19.0 16.3 24.5



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

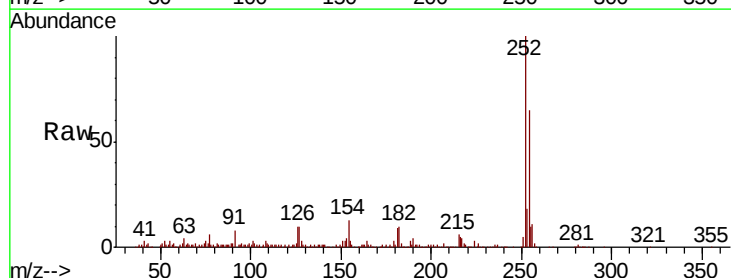
Tgt Ion:252 Resp: 212709

Ion Ratio Lower Upper

252 100

254 64.9 52.7 79.1

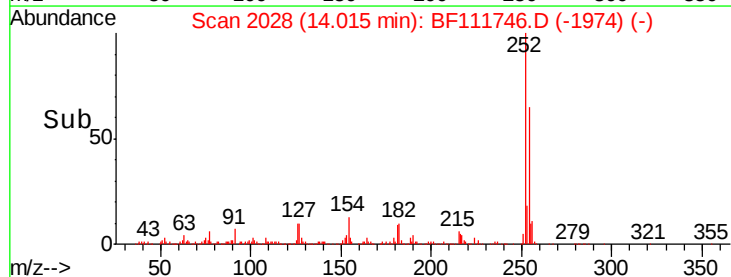
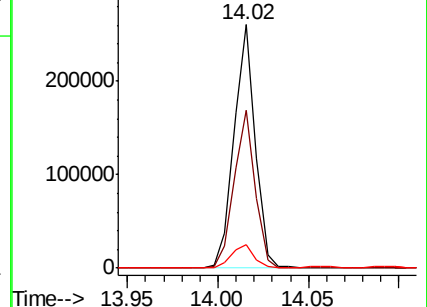
126 9.5 11.1 16.7#

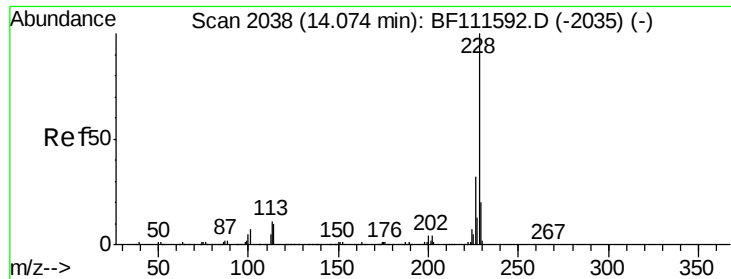


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

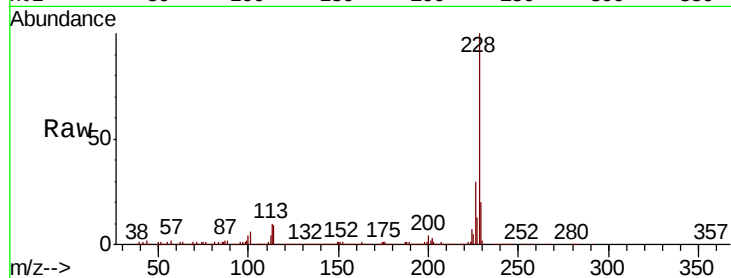




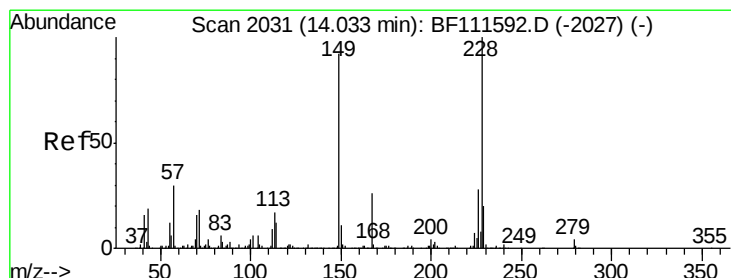
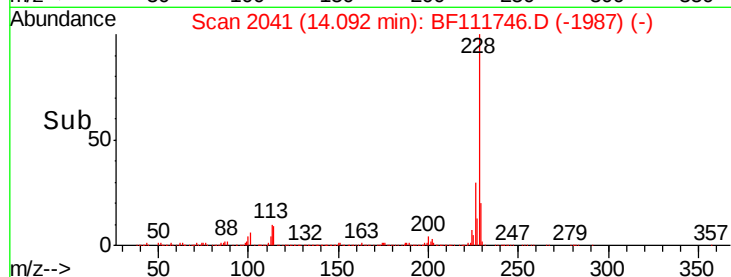
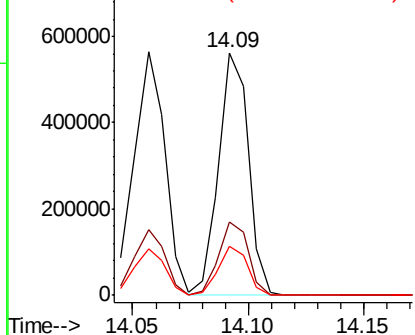
#83
 Chrysene
 Concen: 39.737 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

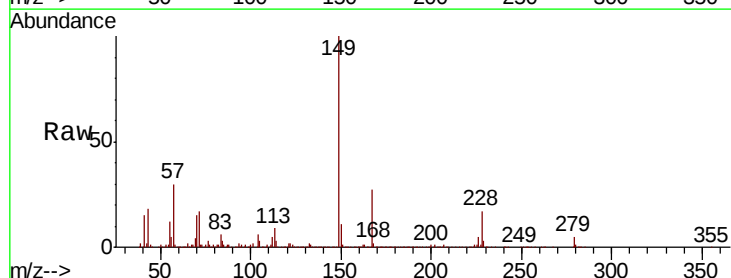


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

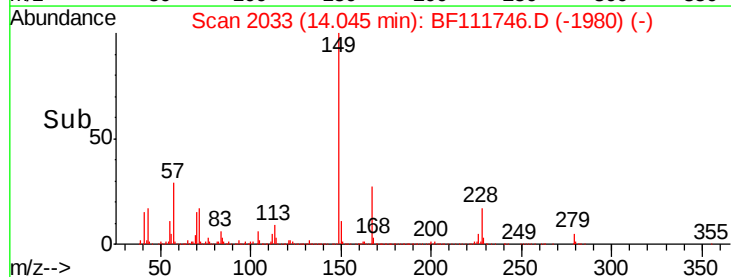
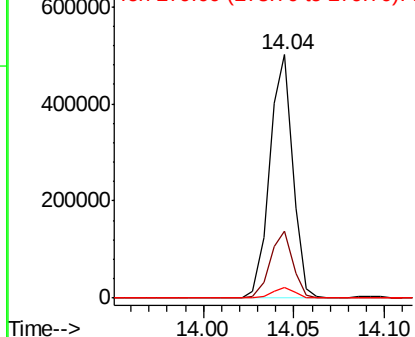


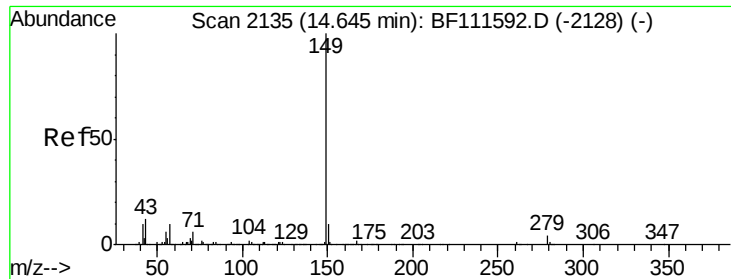
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.755 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF111746.D
 Acq: 27 Dec 2018 6:34

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

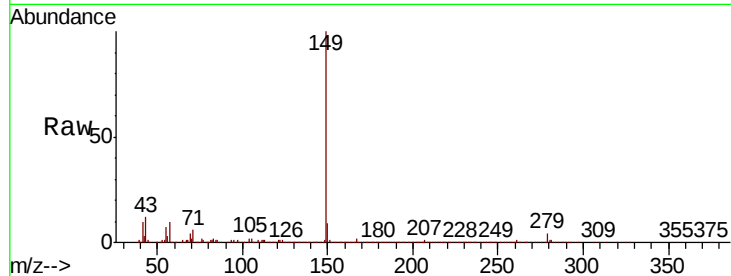




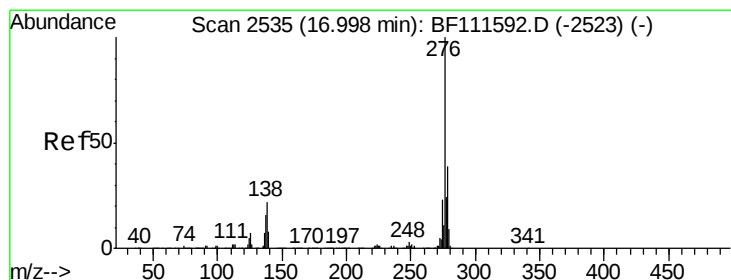
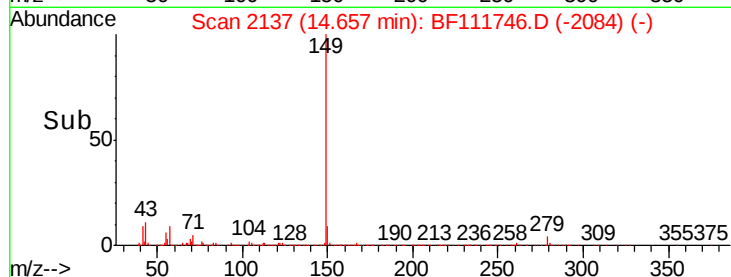
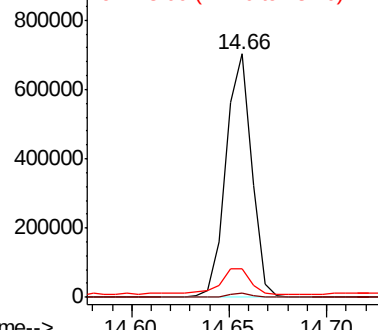
#85
Di-n-octyl phthalate
Concen: 50.056 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.0	10.9	16.3

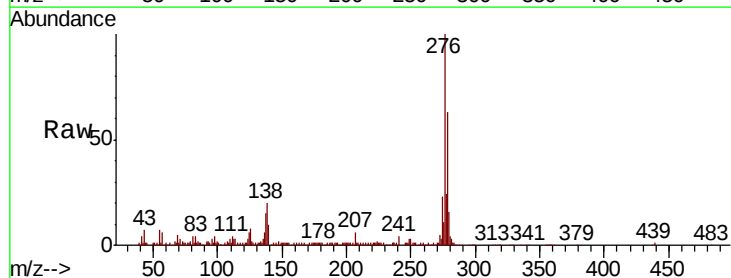


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

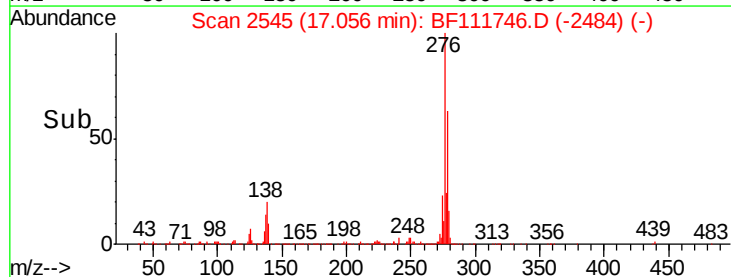
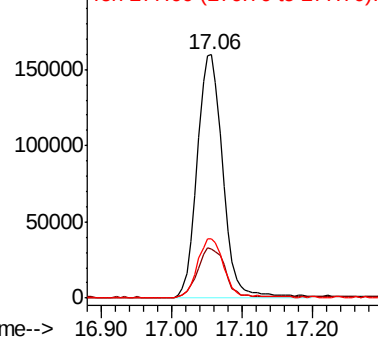


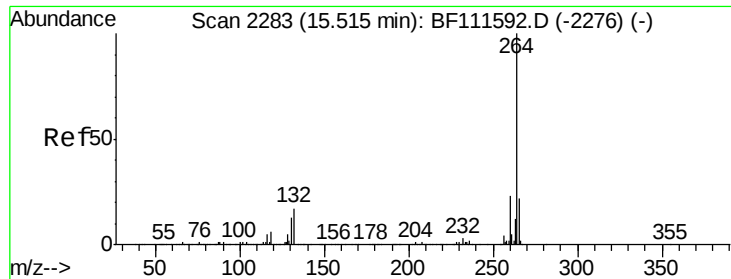
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.717 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.06 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	27.8	41.6#
277	25.3	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

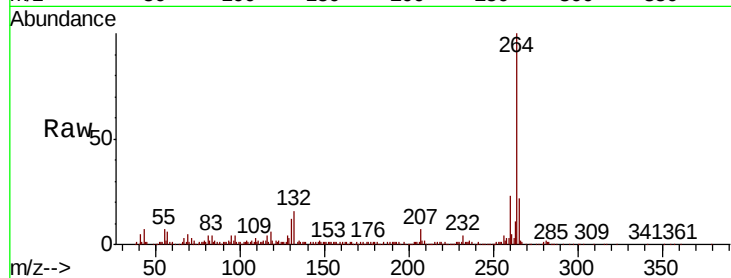
Tot Ion:264 Resp: 178410

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

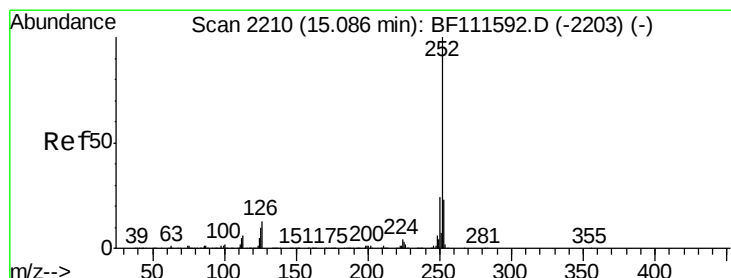
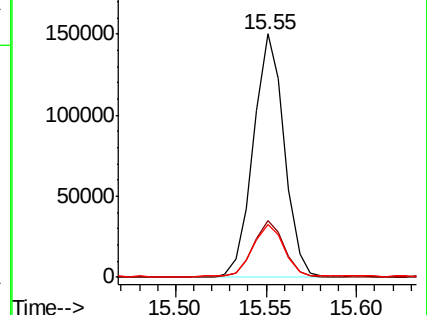
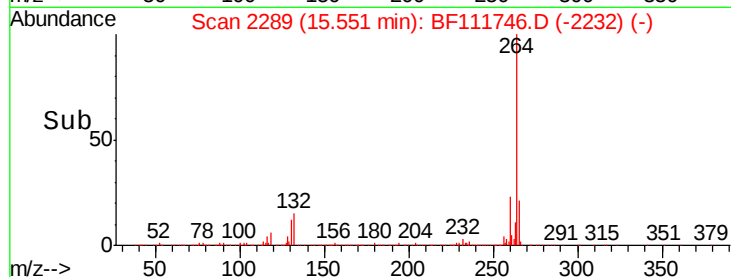
265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 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

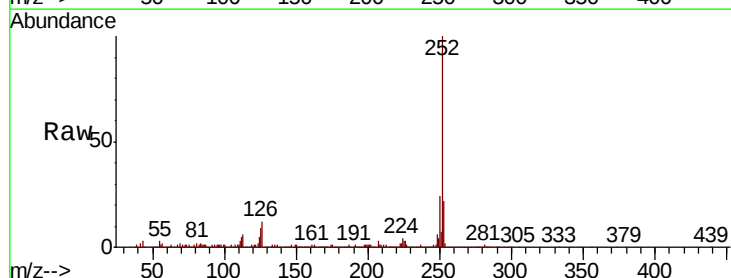
Tgt Ion:252 Resp: 443339

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

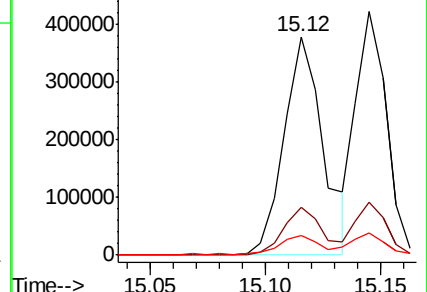
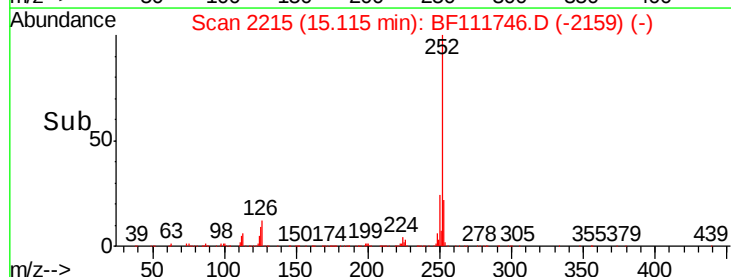
125 9.2 10.4 15.6#

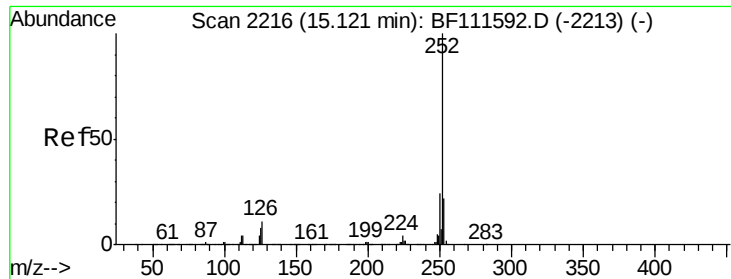


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

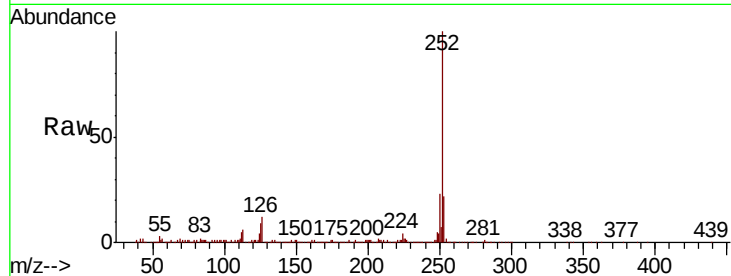




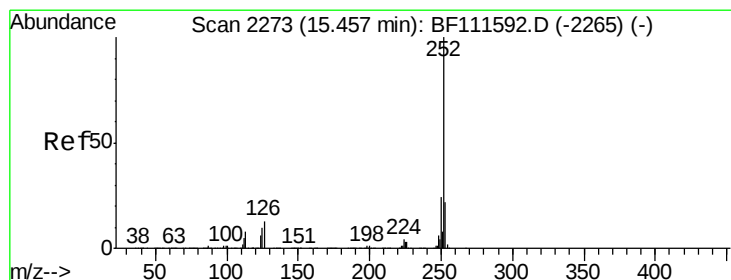
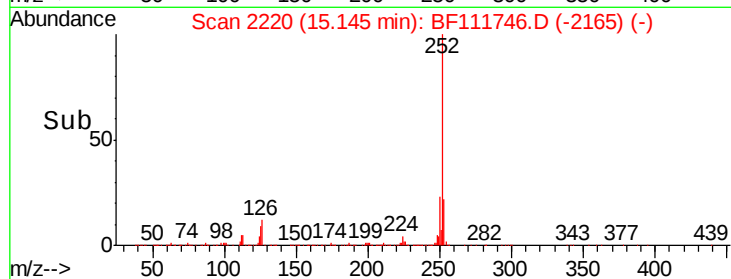
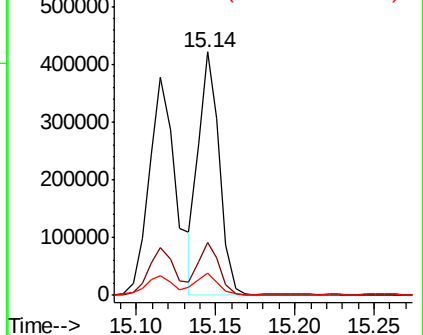
#89
Benzo(k)fluoranthene
Concen: 38.856 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

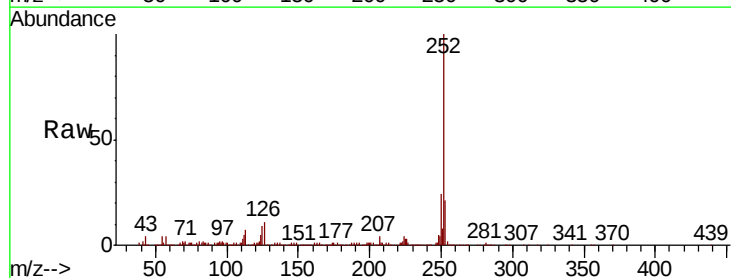


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

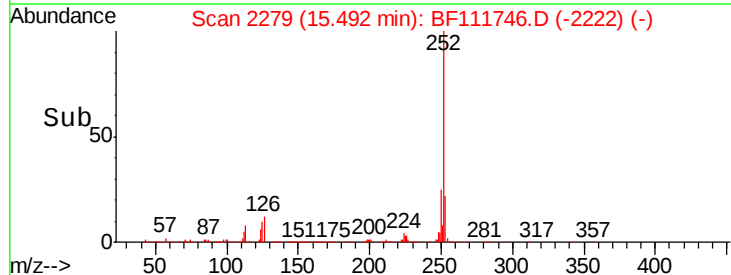
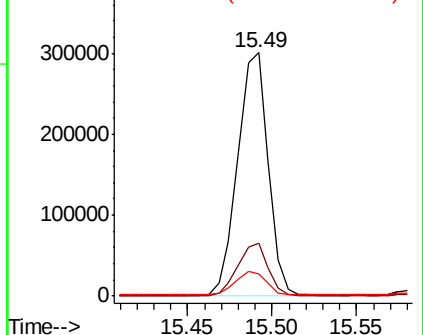


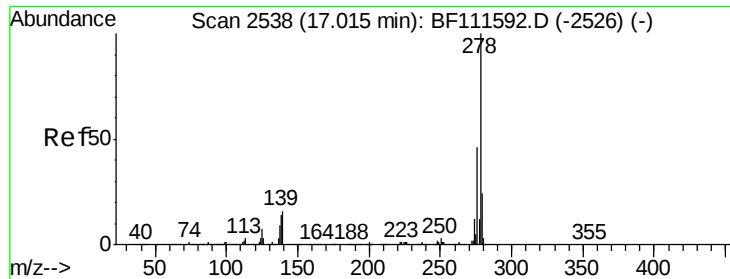
#90
Benzo(a)pyrene
Concen: 40.299 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.2	12.3	18.5



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

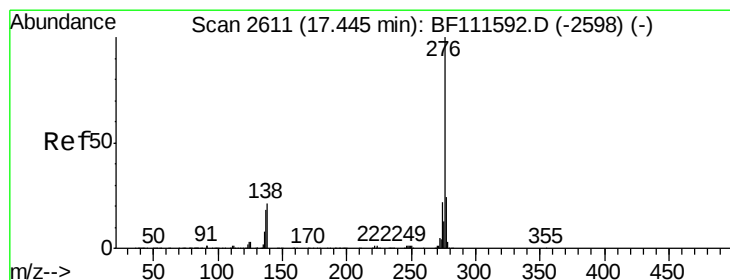
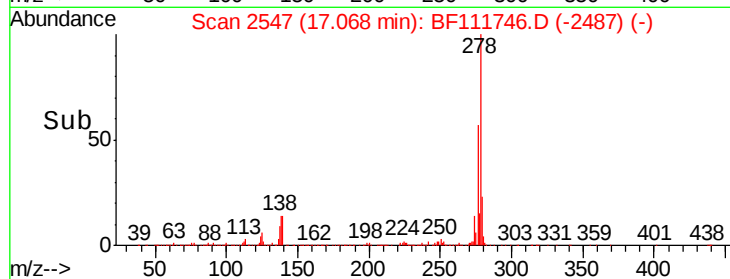
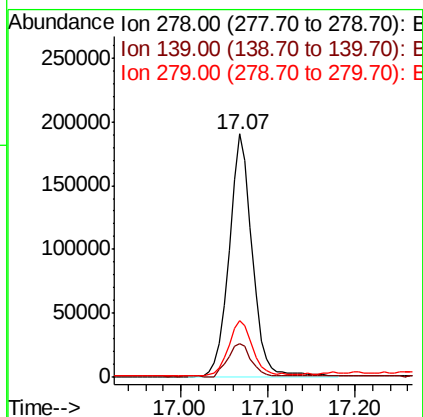
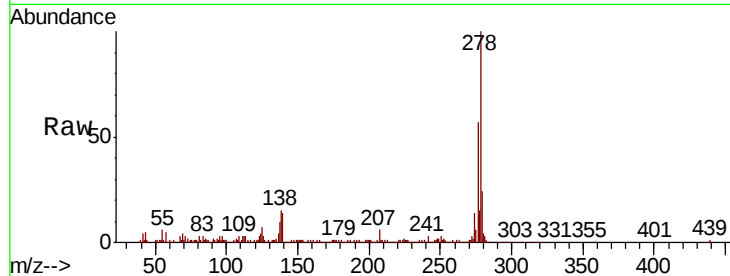




#91
Dibenzo(a,h)anthracene
Concen: 41.829 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111746.D
Acq: 27 Dec 2018 6:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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(g,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

Tgt Ion:276 Resp: 315013
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 18.7 24.9 37.3#

