

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111720.D
 Acq On : 26 Dec 2018 18:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 27 01:09:11 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	199474	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	738712	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	379634	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	714833	20.00	ng	0.00
76) Chrysene-d12	14.06	240	487913	20.00	ng	0.01
87) Perylene-d12	15.54	264	370684	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	900576	76.96	ng	0.01
7) Phenol-d6	6.54	99	1163186	78.10	ng	0.02
23) Nitrobenzene-d5	7.46	82	1100907	86.75	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	390753	87.11	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2075160	79.67	ng	0.00
79) Terphenyl-d14	13.01	244	2218817	86.24	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	195209	35.454	ng	96
3) Pyridine	3.47	79	513682	35.810	ng	96
4) n-Nitrosodimethylamine	3.42	42	259621	36.982	ng	# 84
6) Aniline	6.56	93	717566	37.798	ng	98
8) 2-Chlorophenol	6.69	128	512458	39.531	ng	98
9) Benzaldehyde	6.45	77	371002	36.220	ng	99
10) Phenol	6.55	94	638068	37.971	ng	86
11) bis(2-Chloroethyl)ether	6.63	93	495335	39.337	ng	97
12) 1,3-Dichlorobenzene	6.85	146	602259	40.088	ng	99
13) 1,4-Dichlorobenzene	6.92	146	608066	39.909	ng	97
14) 1,2-Dichlorobenzene	7.07	146	567684	39.935	ng	98
15) Benzyl Alcohol	7.04	79	471961	39.901	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	846819	36.514	ng	98
17) 2-Methylphenol	7.16	107	404646	38.982	ng	# 94
18) Hexachloroethane	7.42	117	215806	42.032	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	377287	38.145	ng	98
20) 3+4-Methylphenols	7.31	107	513197	39.127	ng	92
22) Acetophenone	7.31	105	727929	38.897	ng	# 98
24) Nitrobenzene	7.48	77	565276	42.498	ng	96
25) Isophorone	7.72	82	887623	39.397	ng	99
26) 2-Nitrophenol	7.80	139	280343	51.968	ng	92
27) 2,4-Dimethylphenol	7.84	122	409133	38.473	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	594209	39.634	ng	97
29) 2,4-Dichlorophenol	8.05	162	464023	40.568	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	516361	40.512	ng	98
31) Naphthalene	8.21	128	1412469	39.795	ng	97
32) Benzoic acid	7.95	122	266347	37.881	ng	94
33) 4-Chloroaniline	8.25	127	612338	39.914	ng	99
34) Hexachlorobutadiene	8.33	225	326440	42.022	ng	98
35) Caprolactam	8.63	113	152411	39.324	ng	# 88
36) 4-Chloro-3-methylphenol	8.73	107	457853	40.722	ng	98
37) 2-Methylnaphthalene	8.90	142	934331	40.460	ng	98
38) 1-Methylnaphthalene	9.00	142	896662	40.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	507426	40.676	ng	98

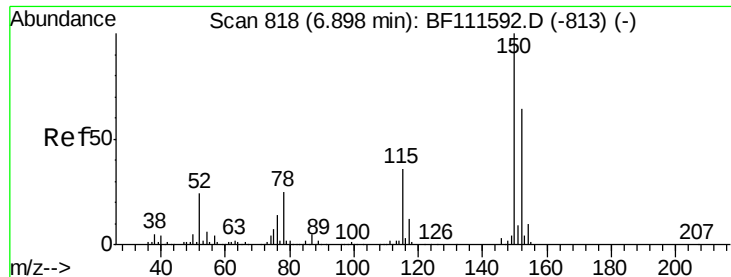
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	298424	49.297	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	342502	41.123	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	358023	41.901	nq	94
46) 1,1'-Biphenyl	9.36	154	1284888	40.094	nq	94
47) 2-Chloronaphthalene	9.39	162	1002243	39.473	nq	96
48) 2-Nitroaniline	9.47	65	311437	47.149	nq	97
49) Acenaphthylene	9.80	152	1479272	39.903	nq	96
50) Dimethylphthalate	9.66	163	1142858	41.167	nq	99
51) 2,6-Dinitrotoluene	9.72	165	260461	47.052	nq	89
52) Acenaphthene	9.97	154	948318	41.476	nq	98
53) 3-Nitroaniline	9.89	138	279263	47.303	nq	98
54) 2,4-Dinitrophenol	9.99	184	108647	62.879	nq	# 84
55) Dibenzofuran	10.15	168	1398873	40.496	nq	95
56) 4-Nitrophenol	10.05	139	207975	46.161	nq	91
57) 2,4-Dinitrotoluene	10.12	165	334943	50.344	nq	# 95
58) Fluorene	10.49	166	996678	40.041	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	305895	42.540	nq	89
60) Diethylphthalate	10.36	149	1110959	40.796	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	570685	41.498	nq	91
62) 4-Nitroaniline	10.50	138	265274	46.231	nq	92
63) Azobenzene	10.64	77	1077263	39.403	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	169815	56.158	nq	# 74
66) n-Nitrosodiphenylamine	10.60	169	970432	40.442	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	368567	41.570	nq	92
68) Hexachlorobenzene	11.04	284	406477	41.118	nq	98
69) Atrazine	11.12	200	336907	40.415	nq	97
70) Pentachlorophenol	11.23	266	253628	41.500	nq	96
71) Phenanthrene	11.45	178	1487387	39.234	nq	95
72) Anthracene	11.50	178	1498263	39.374	nq	95
73) Carbazole	11.65	167	1444283	39.094	nq	96
74) Di-n-butylphthalate	11.98	149	1669482	40.305	nq	97
75) Fluoranthene	12.64	202	1475840	38.444	nq	95
77) Benzidine	12.75	184	722029	39.326	nq	99
78) Pyrene	12.87	202	1486003	43.128	nq	97
80) Butylbenzylphthalate	13.48	149	622595	44.329	nq	# 86
81) Benzo(a)anthracene	14.05	228	1123766	40.358	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	439407	39.940	nq	# 97
83) Chrysene	14.09	228	1090489	39.846	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	781037	44.149	nq	# 98
85) Di-n-octyl phthalate	14.65	149	1080520	39.421	nq	94
86) Indeno(1,2,3-cd)pyrene	17.04	276	900399	38.702	nq	# 88
88) Benzo(b)fluoranthene	15.11	252	876254	40.447	nq	# 94
89) Benzo(k)fluoranthene	15.14	252	837888	40.625	nq	# 96
90) Benzo(a)pyrene	15.48	252	801403	40.717	nq	# 94
91) Dibenzo(a,h)anthracene	17.05	278	757145	43.930	nq	# 91
92) Benzo(g,h,i)perylene	17.49	276	749813	44.553	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

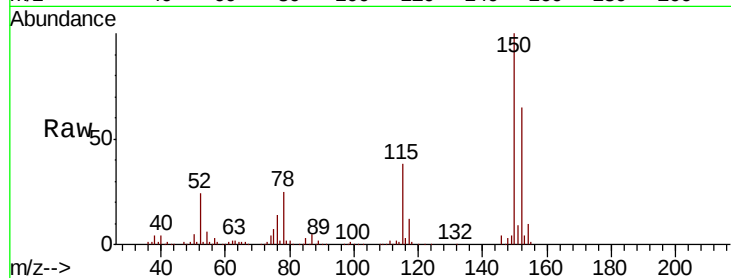
Tot Ion:152 Resp: 199474

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

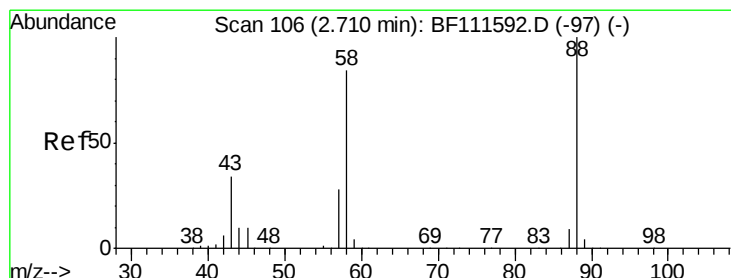
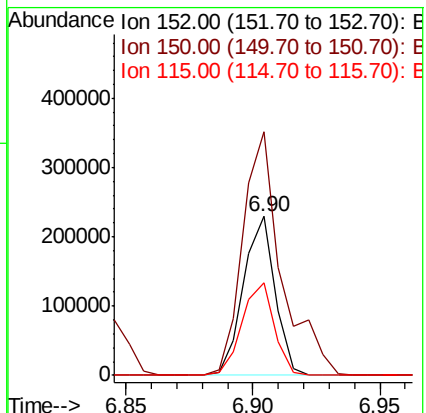
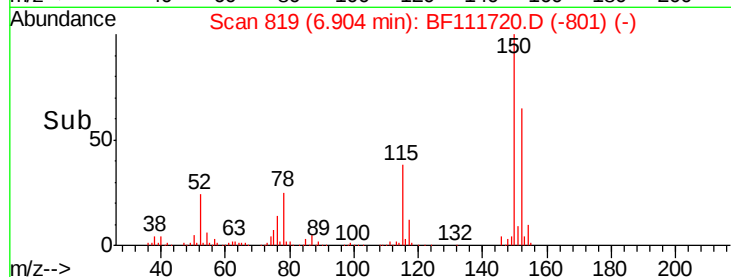
115 58.4 50.7 76.1



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: 35.454 ng

RT: 2.70 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

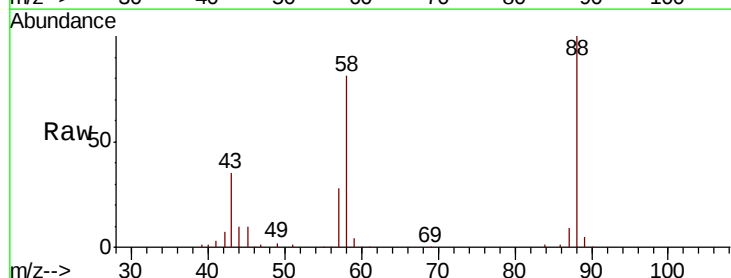
Tgt Ion: 88 Resp: 195209

Ion Ratio Lower Upper

88 100

58 83.7 68.9 103.3

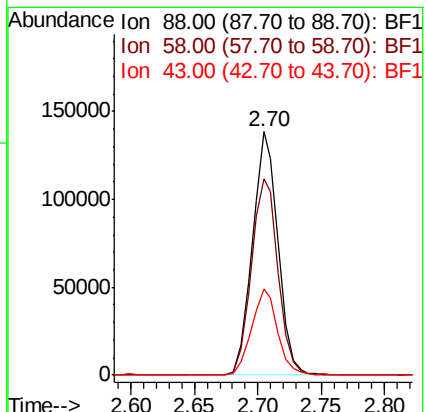
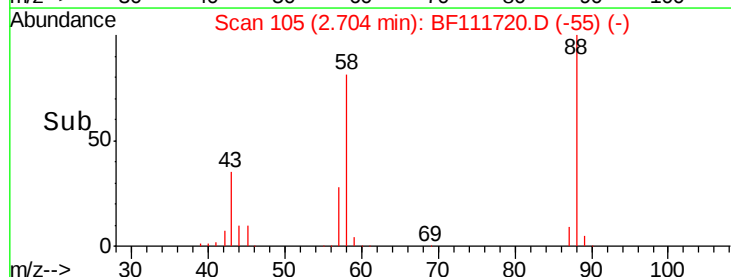
43 35.9 25.8 38.6

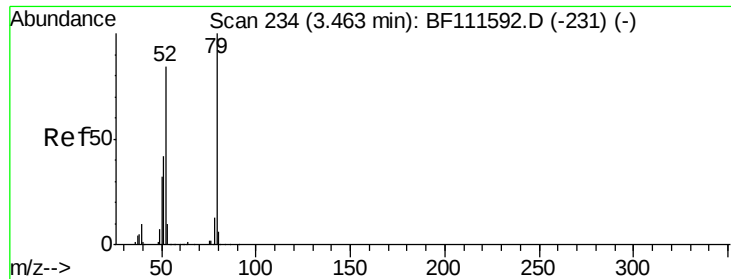


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.810 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

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SSTDCCC040

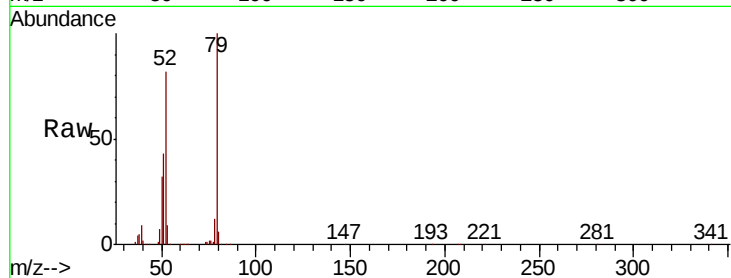
Tot Ion: 79 Resp: 513682

Ion Ratio Lower Upper

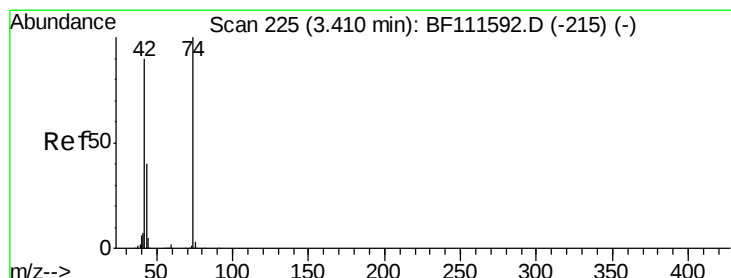
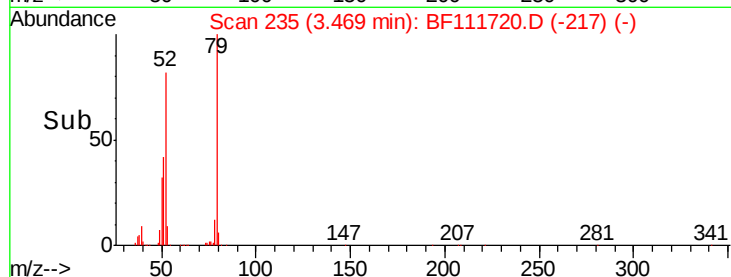
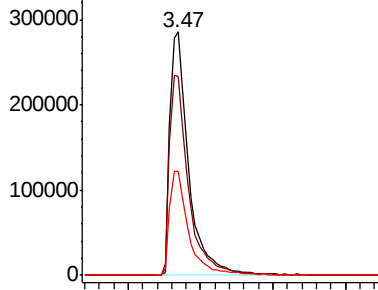
79 100

52 81.6 68.3 102.5

51 42.5 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: 36.982 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

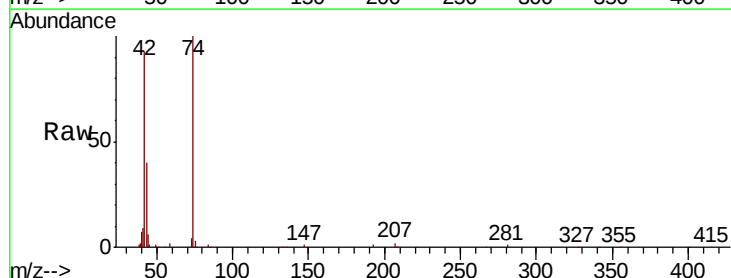
Tgt Ion: 42 Resp: 259621

Ion Ratio Lower Upper

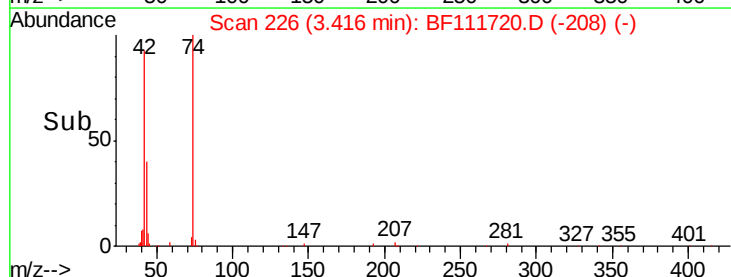
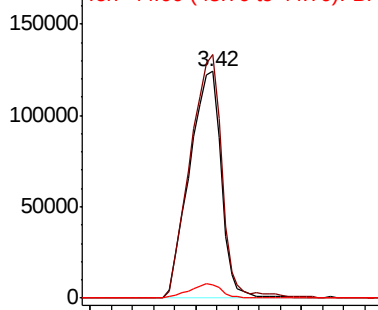
42 100

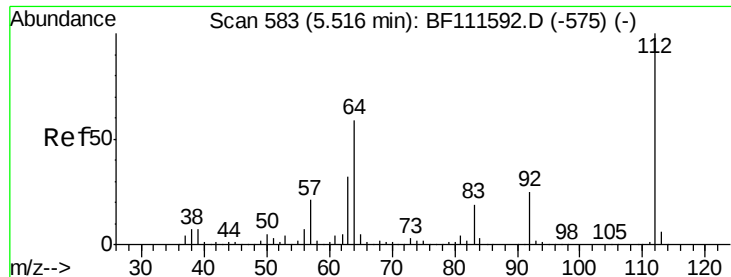
74 107.3 101.5 152.3

44 6.0 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: 76.955 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

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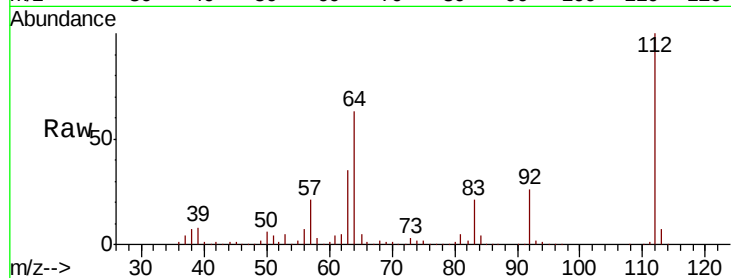
Tot Ion:112 Resp: 900576

Ion Ratio Lower Upper

112 100

64 62.7 51.8 77.6

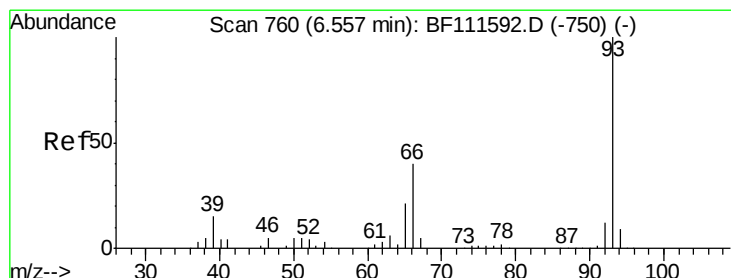
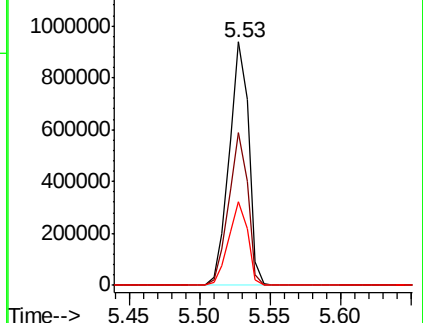
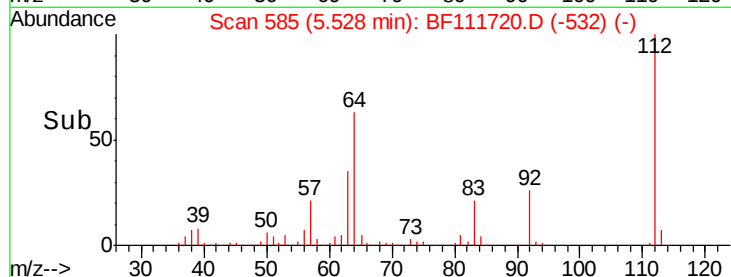
63 34.5 26.8 40.2



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: 37.798 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

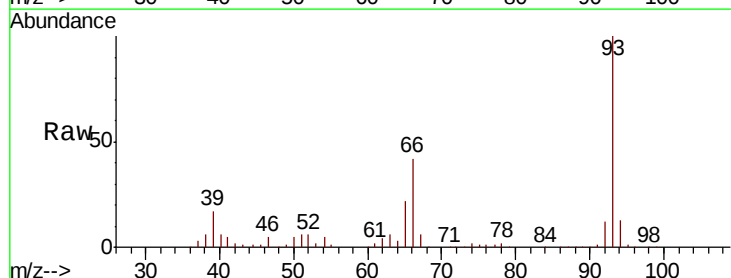
Tgt Ion: 93 Resp: 717566

Ion Ratio Lower Upper

93 100

66 42.4 33.2 49.8

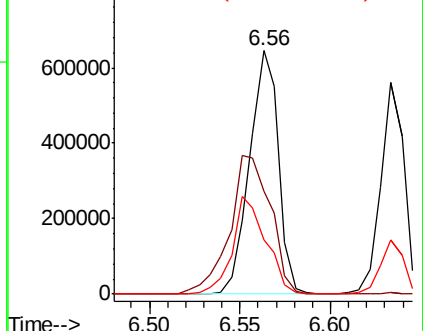
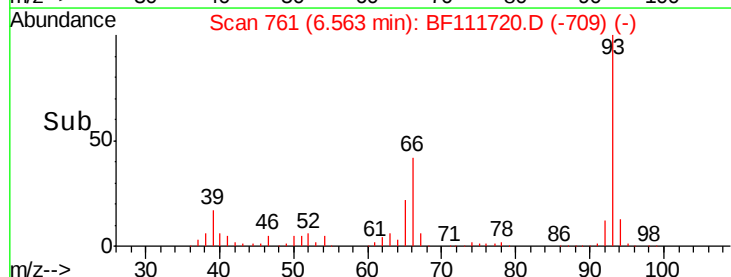
65 22.2 17.0 25.4

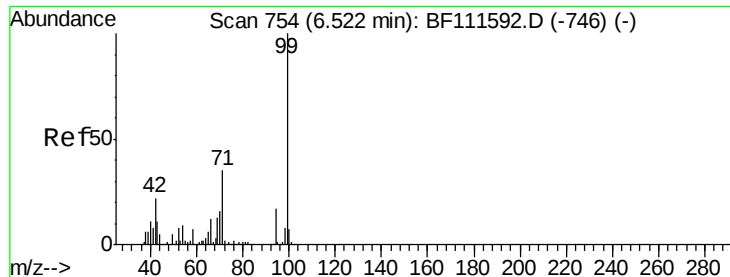


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.102 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

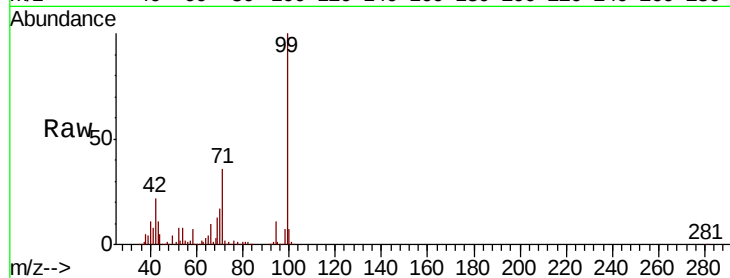
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1163186

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.0
71	36.3	26.1	39.1

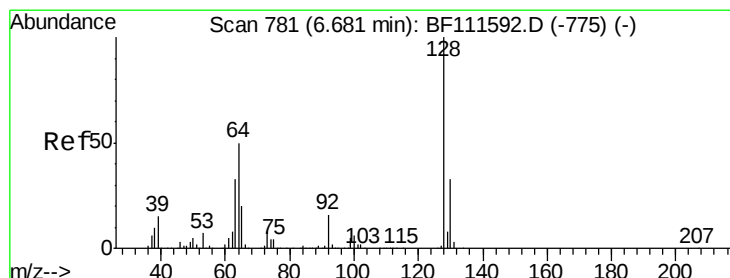
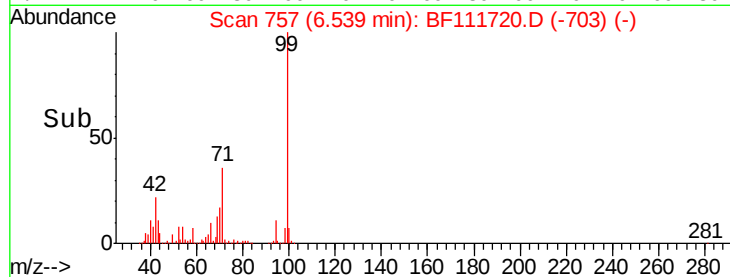


Abundance

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: 39.531 ng

RT: 6.69 min Scan# 783

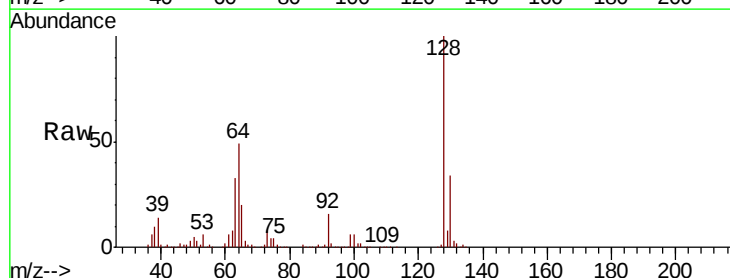
Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Tgt Ion: 128 Resp: 512458

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.7	52.7
64	48.8	30.0	70.0

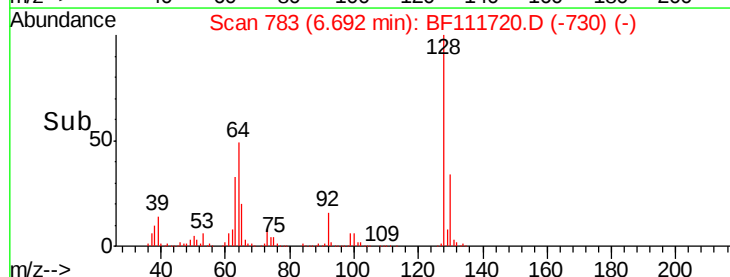


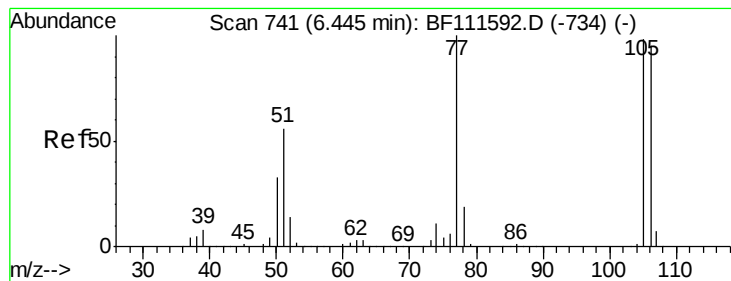
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.220 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

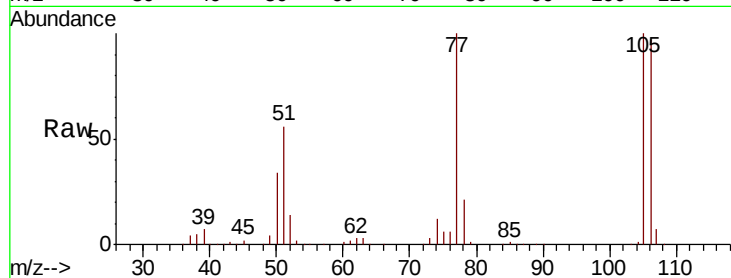
Tot Ion: 77 Resp: 371002

Ion Ratio Lower Upper

77 100

105 99.9 81.4 121.4

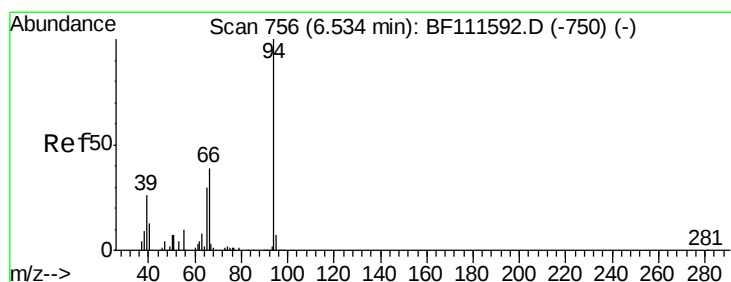
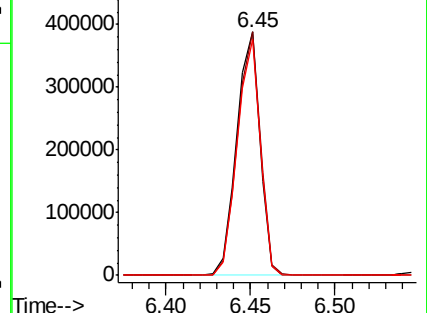
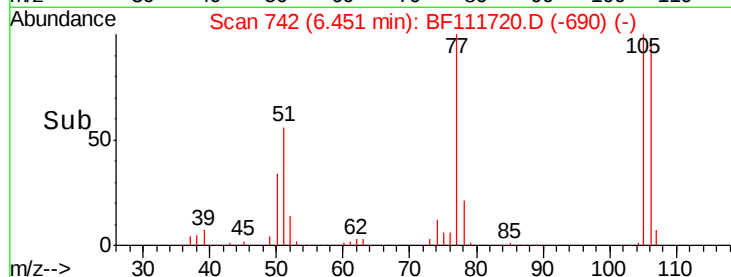
106 96.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.971 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

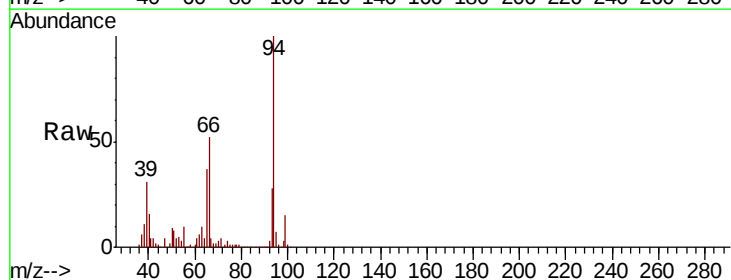
Tgt Ion: 94 Resp: 638068

Ion Ratio Lower Upper

94 100

65 36.7 11.7 51.7

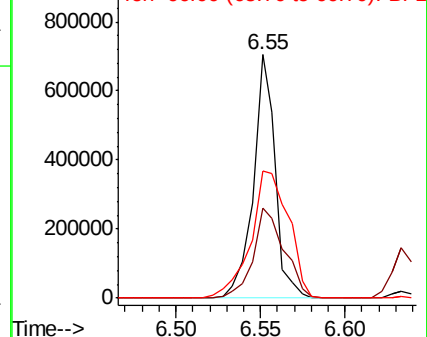
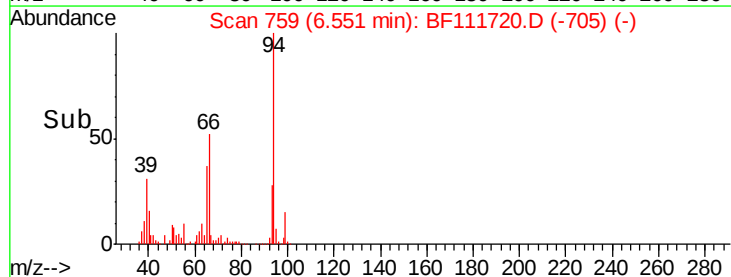
66 52.2 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

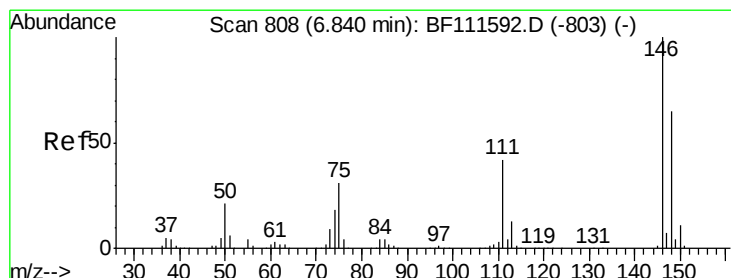
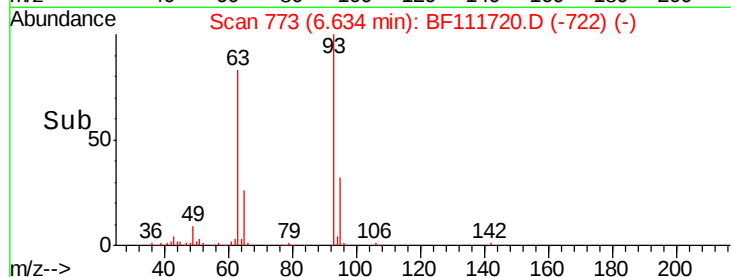
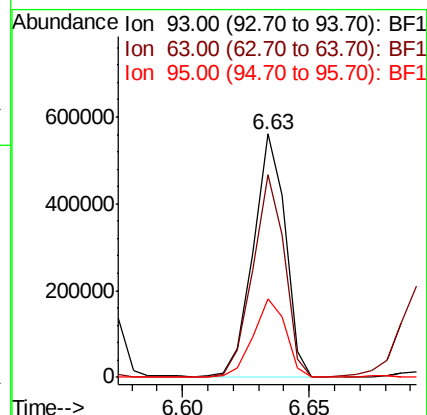
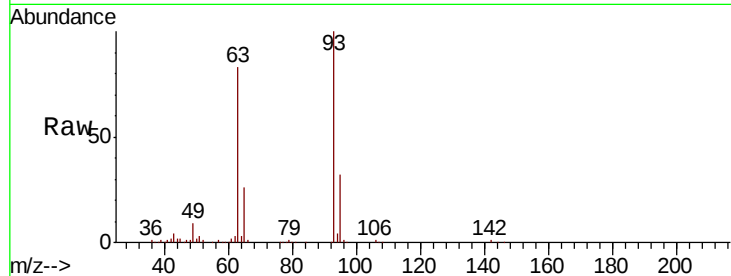




#11
bis(2-Chloroethyl)ether
Concen: 39.337 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

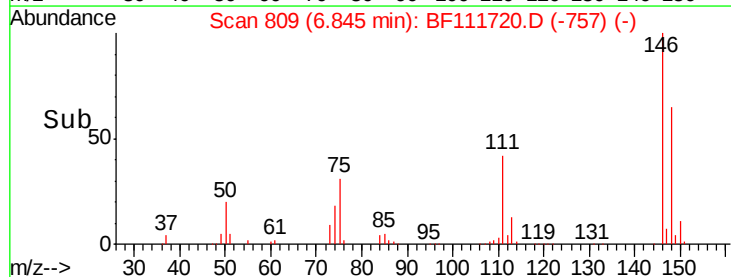
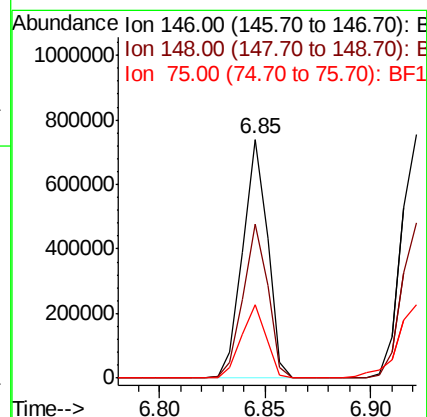
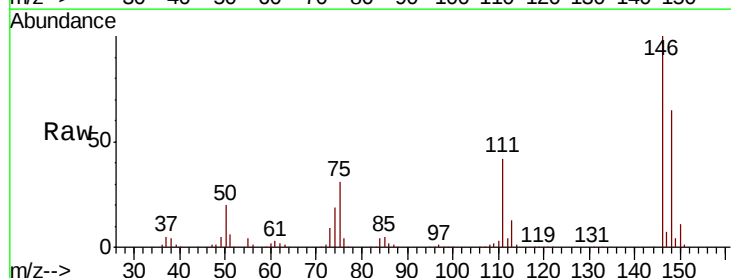
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

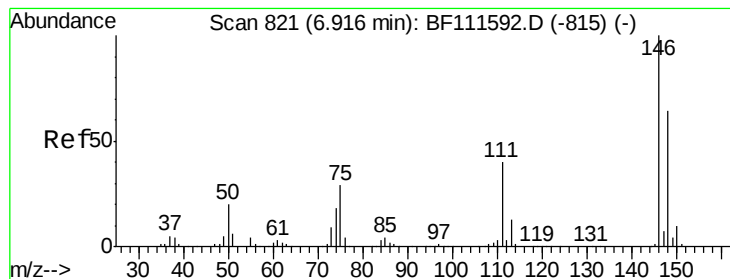
Tot Ion: 93 Resp: 495335
Ion Ratio Lower Upper
93 100
63 83.2 60.0 100.0
95 32.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.088 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 146 Resp: 602259
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
75 31.0 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 39.909 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

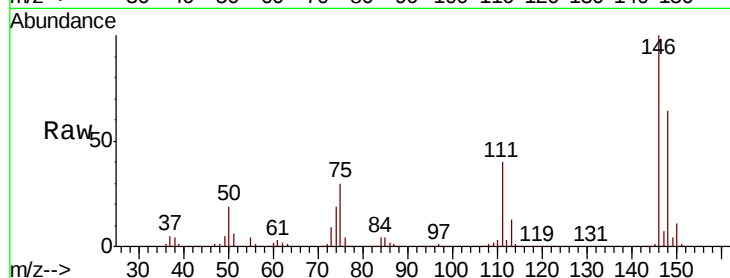
Tot Ion:146 Resp: 608066

Ion Ratio Lower Upper

146 100

148 64.0 52.8 79.2

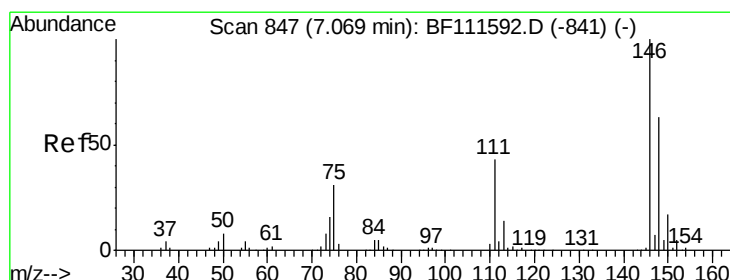
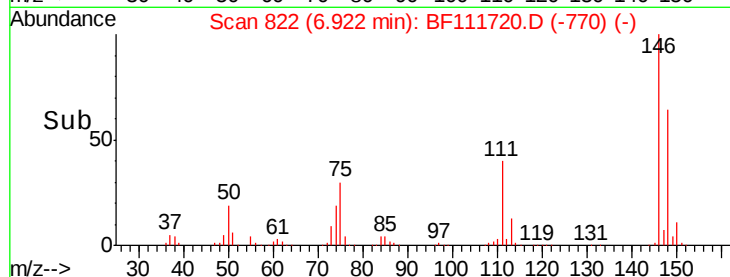
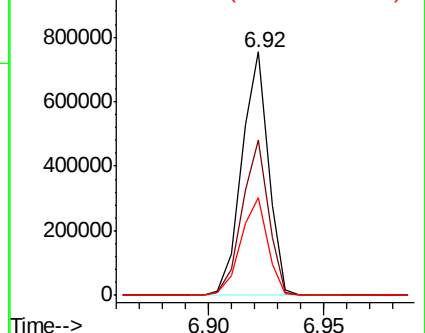
111 40.1 33.4 50.0



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: 39.935 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

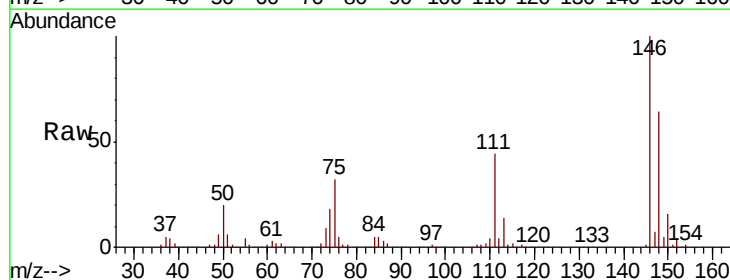
Tgt Ion:146 Resp: 567684

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

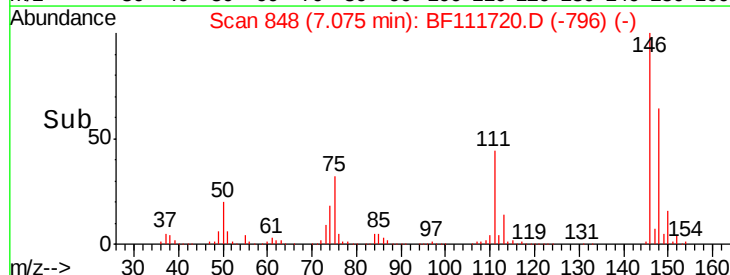
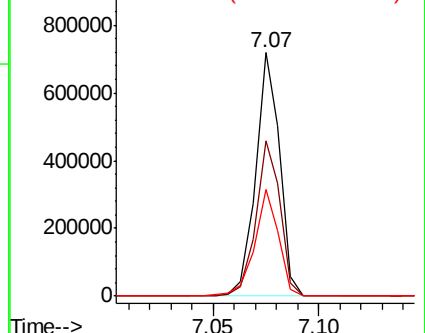
111 43.8 36.2 54.4

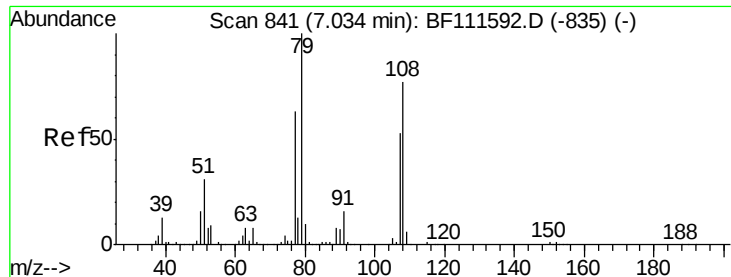


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.901 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

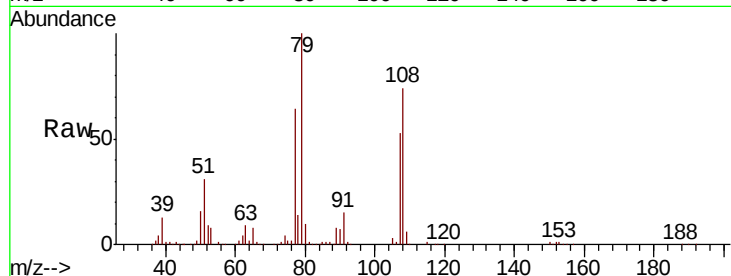
Tot Ion: 79 Resp: 471961

Ion Ratio Lower Upper

79 100

108 74.5 69.4 104.2

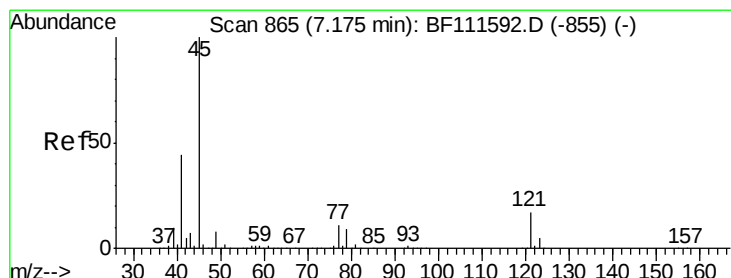
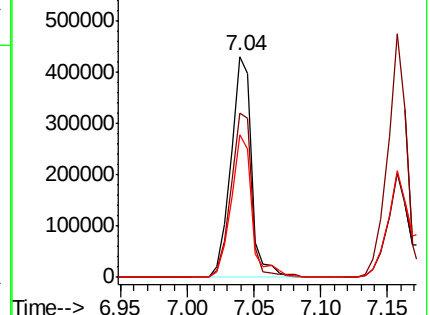
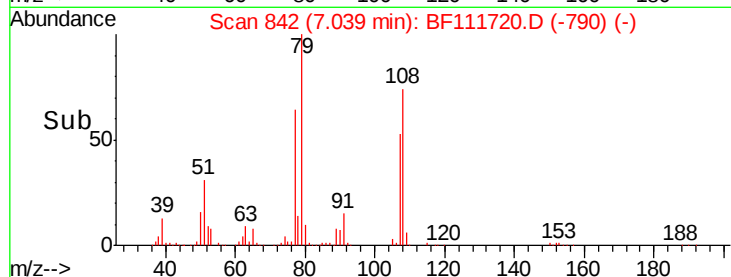
77 64.4 49.7 74.5



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: 36.514 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

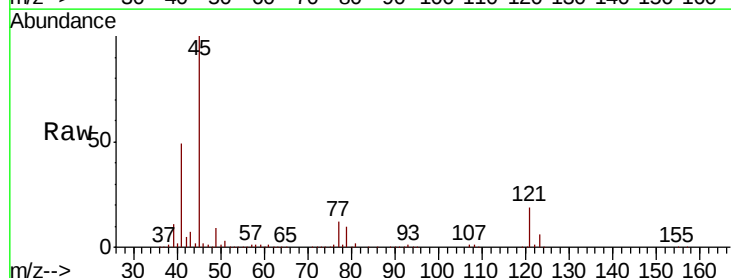
Tgt Ion: 45 Resp: 846819

Ion Ratio Lower Upper

45 100

77 12.5 0.0 31.5

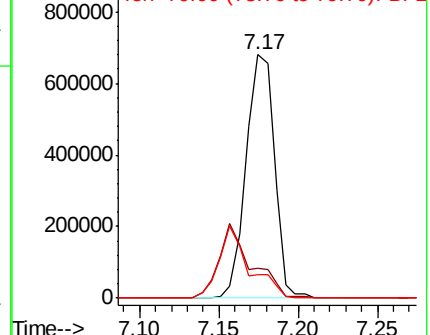
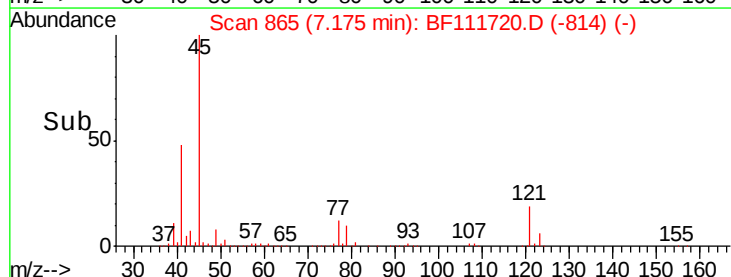
79 9.6 0.0 28.9

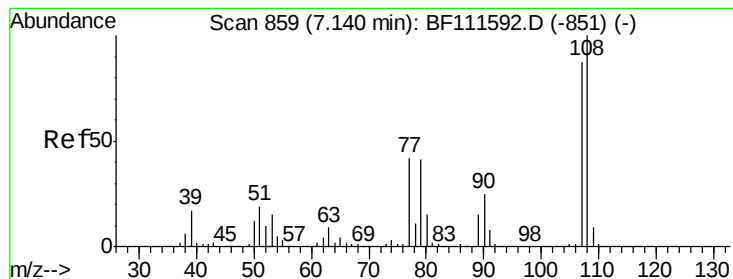


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

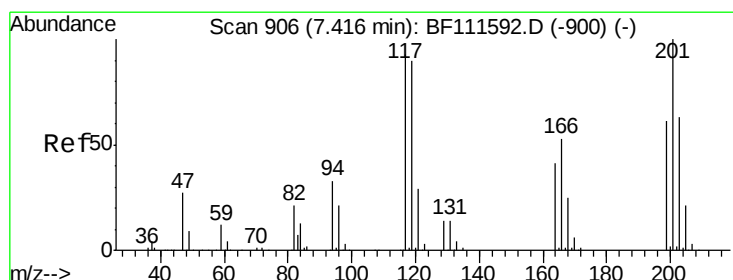
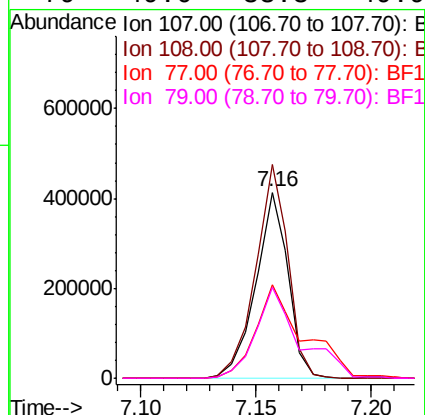
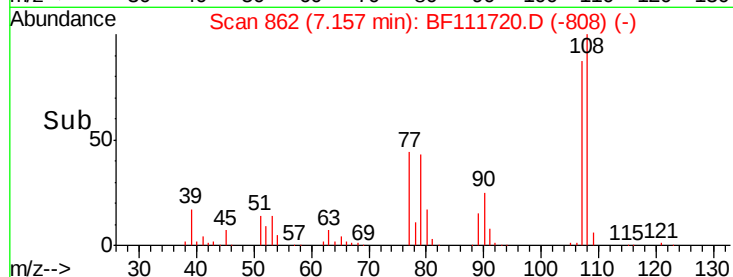
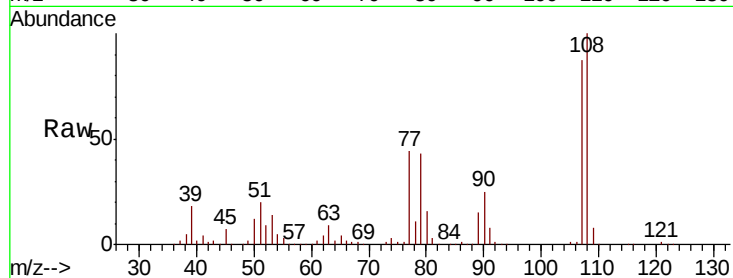




#17
2-Methylphenol
Concen: 38.982 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

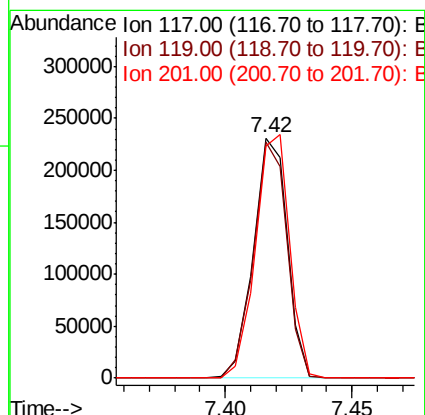
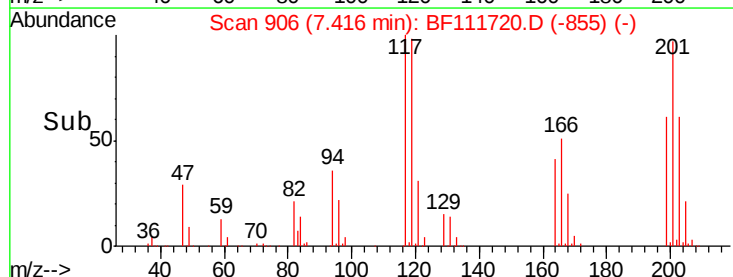
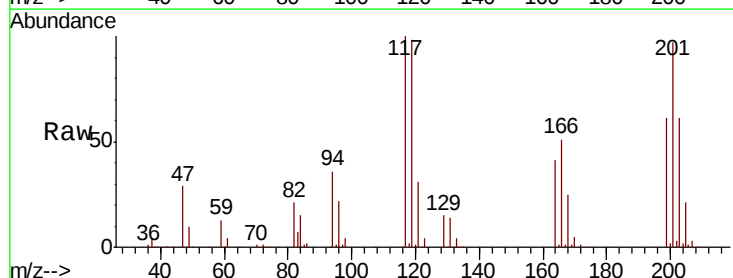
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

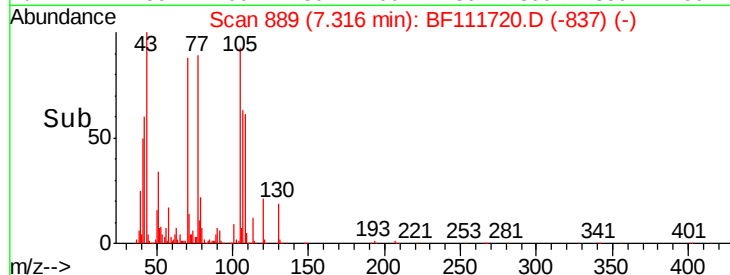
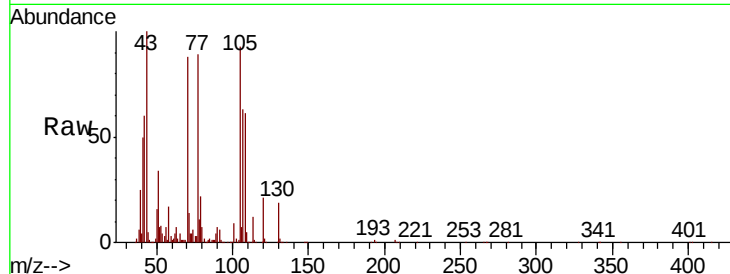
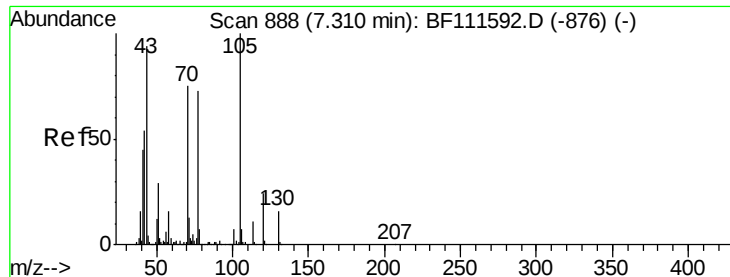
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.4
77	50.5	33.5	50.3#
79	49.0	33.3	49.9



#18
Hexachloroethane
Concen: 42.032 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.4	113.0
201	96.6	62.4	93.6#

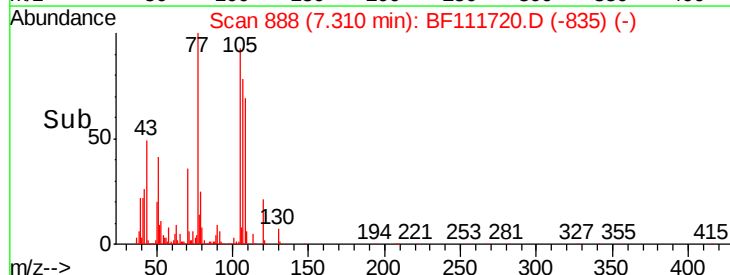
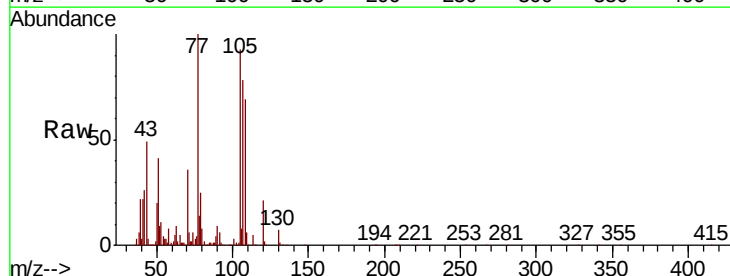
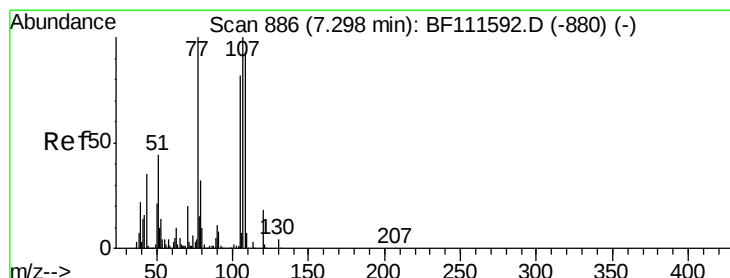
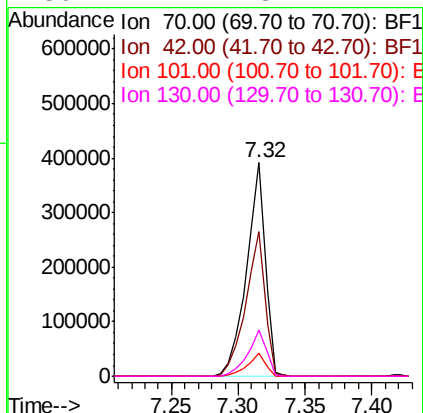




#19
n-Nitroso-di-n-propylamine
Concen: 38.145 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

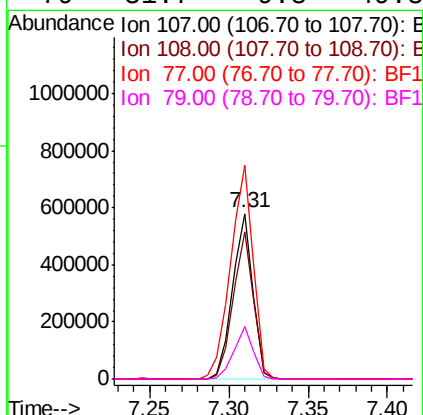
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

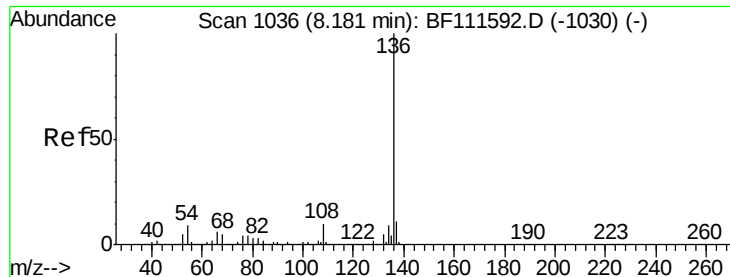
Tot Ion: 70 Resp: 377287
Ion Ratio Lower Upper
70 100
42 67.9 53.2 79.8
101 10.5 8.2 12.4
130 21.7 18.1 27.1



#20
3+4-Methylphenols
Concen: 39.127 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 107 Resp: 513197
Ion Ratio Lower Upper
107 100
108 89.0 72.1 112.1
77 128.9 94.1 134.1
79 31.7 9.8 49.8

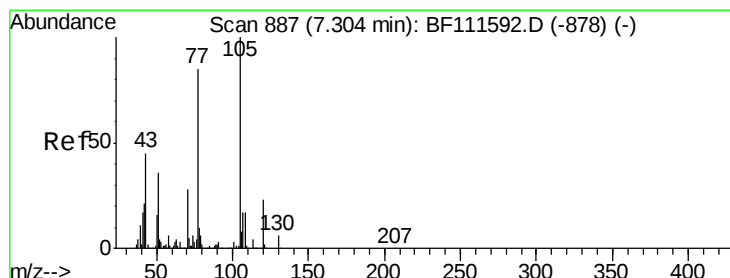
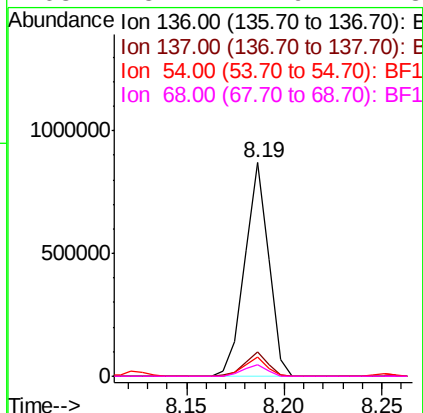
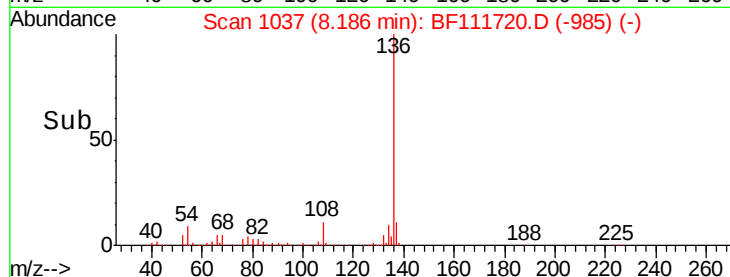
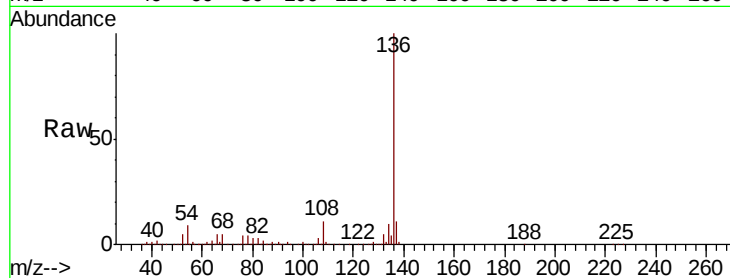




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

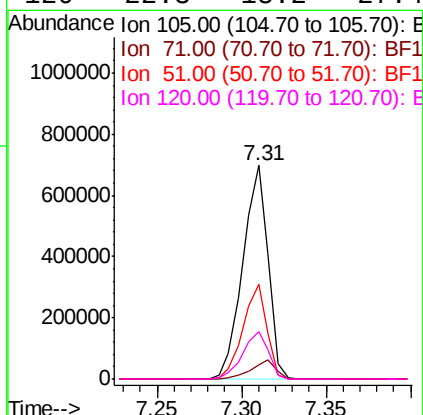
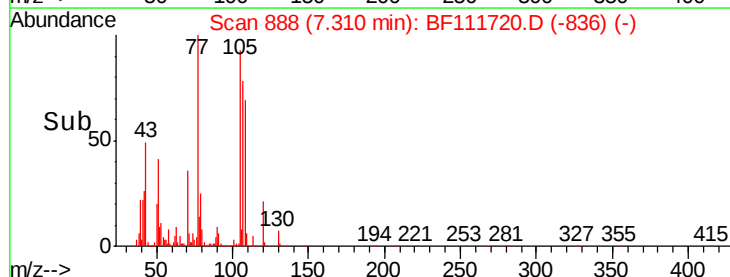
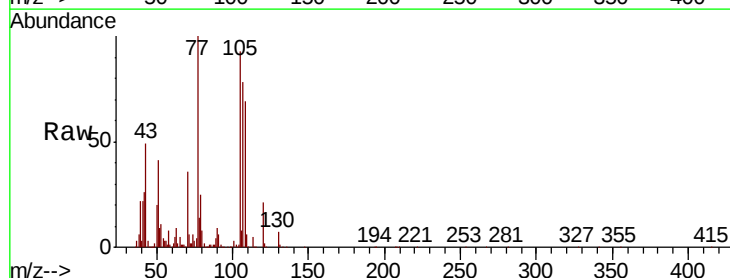
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

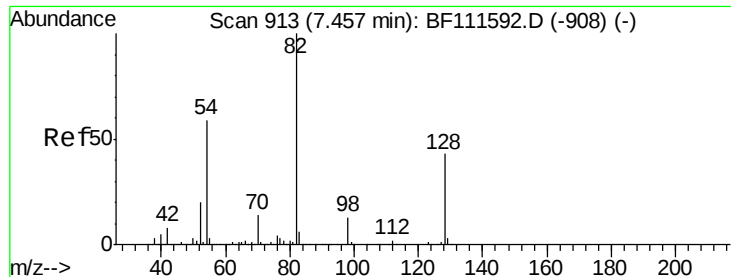
Tot Ion:136	Resp:	738712
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	8.8	7.7 11.5
68	5.4	4.9 7.3



#22
Acetophenone
Concen: 38.897 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:105	Resp:	727929
Ion Ratio	Lower	Upper
105	100	
71	6.5	3.1 4.7#
51	44.4	36.6 54.8
120	22.3	18.2 27.4

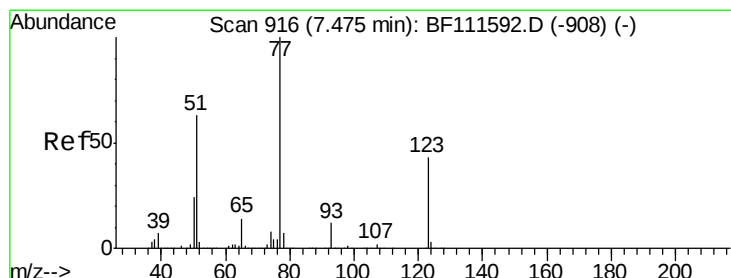
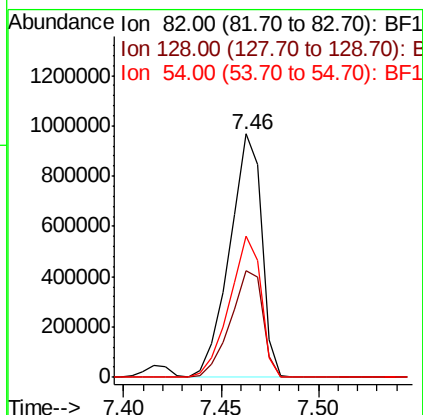
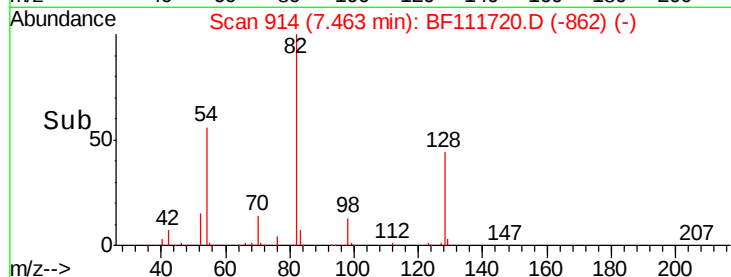
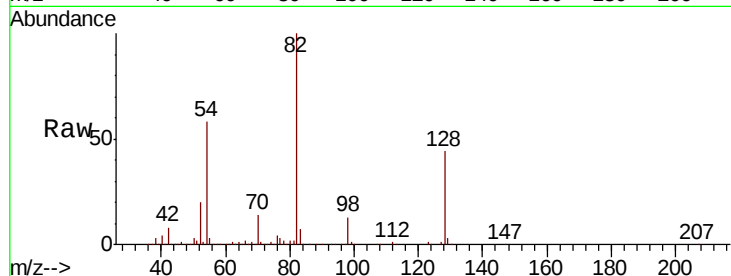




#23
Nitrobenzene-d5
Concen: 86.747 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

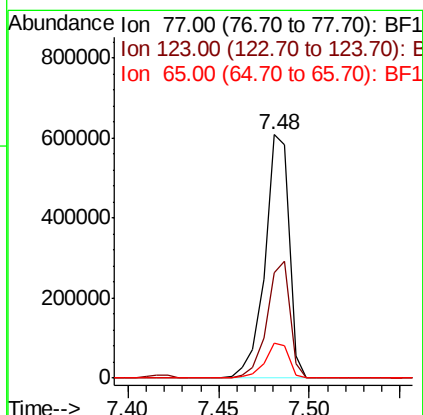
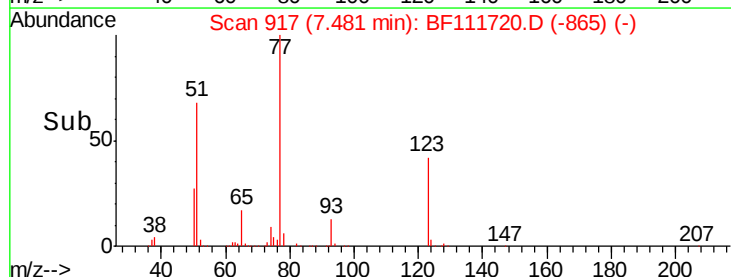
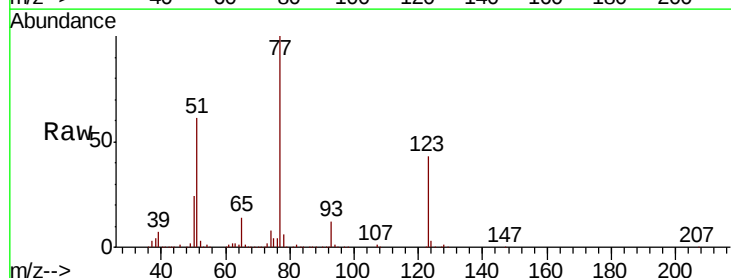
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

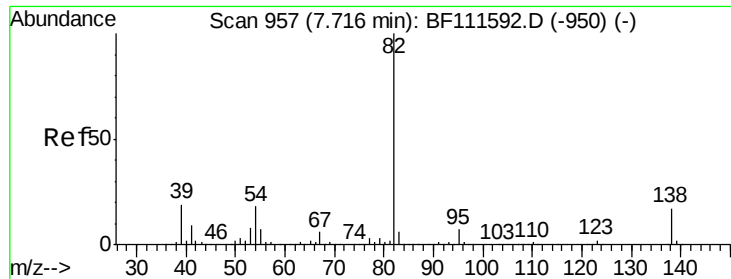
Tot Ion: 82 Resp: 1100907
Ion Ratio Lower Upper
82 100
128 43.9 37.4 56.2
54 57.9 47.6 71.4



#24
Nitrobenzene
Concen: 42.498 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 77 Resp: 565276
Ion Ratio Lower Upper
77 100
123 43.2 37.2 55.8
65 14.5 11.5 17.3

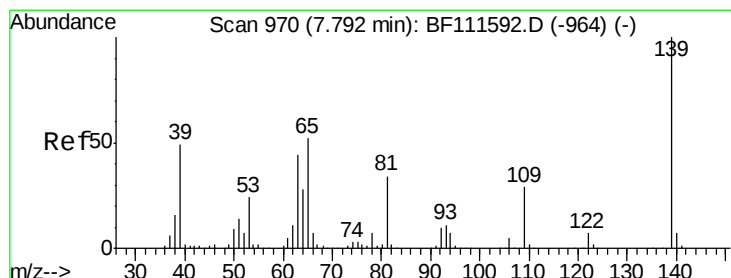
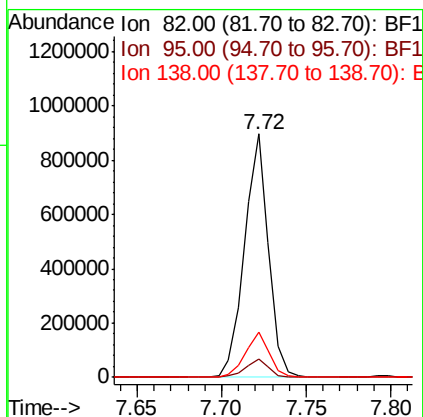
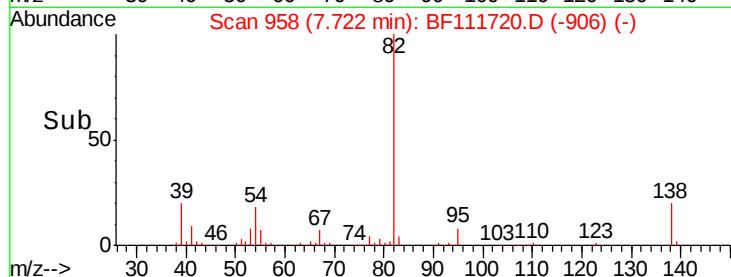
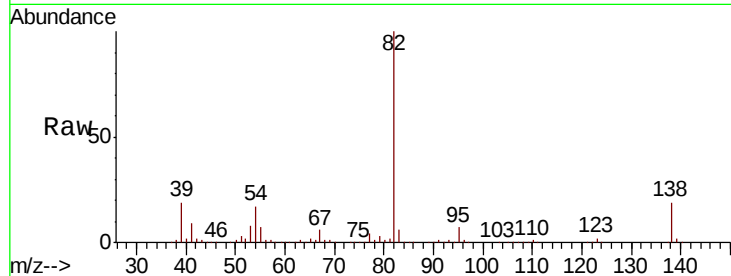




#25
Isophorone
Concen: 39.397 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

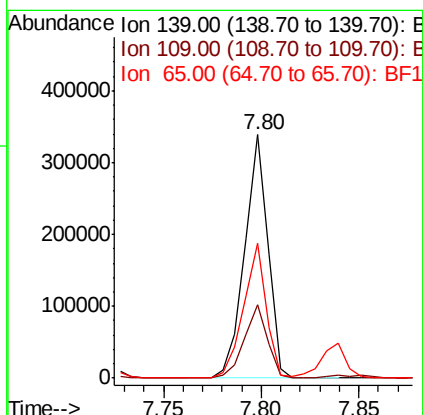
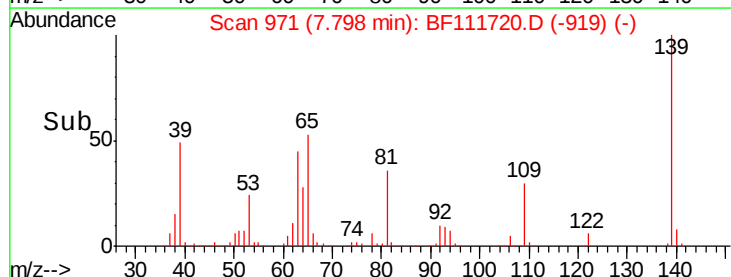
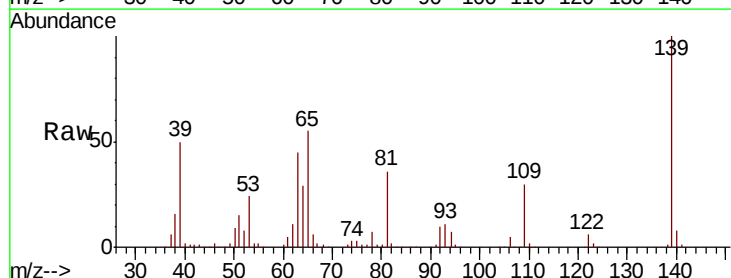
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

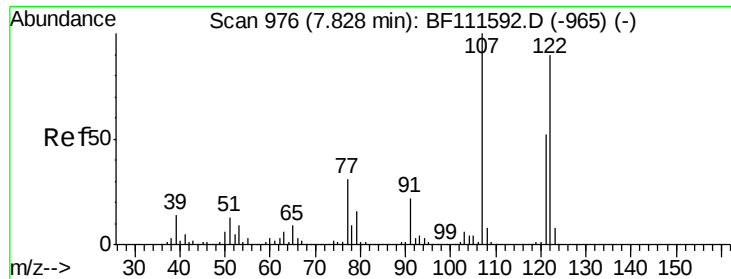
Tot Ion: 82 Resp: 887623
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 18.8 15.1 22.7



#26
2-Nitrophenol
Concen: 51.968 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 139 Resp: 280343
Ion Ratio Lower Upper
139 100
109 30.1 20.2 30.4
65 55.5 40.7 61.1

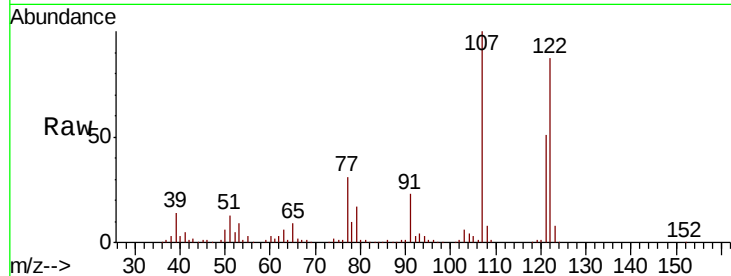




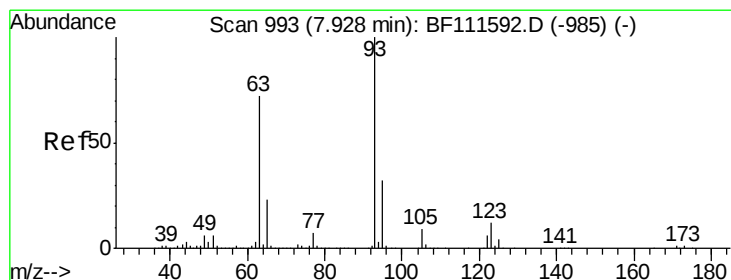
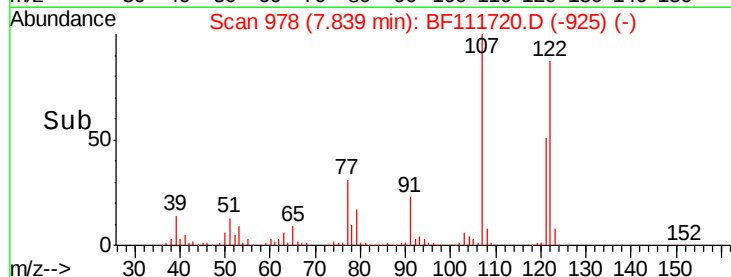
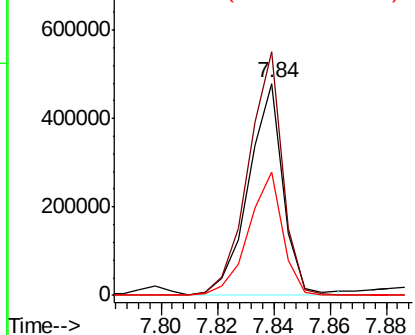
#27
2,4-Dimethylphenol
Concen: 38.473 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 409133
Ion Ratio Lower Upper
122 100
107 115.0 85.5 128.3
121 58.4 46.6 70.0

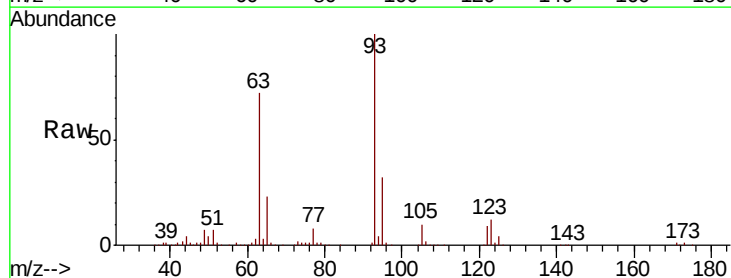


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

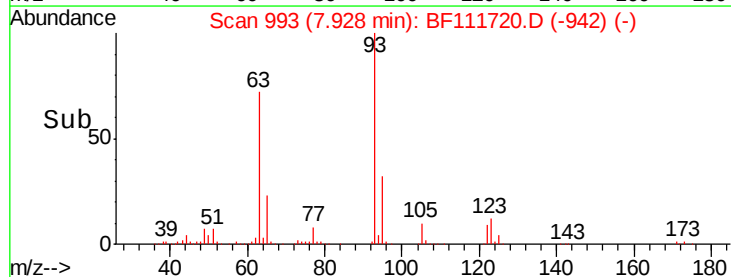
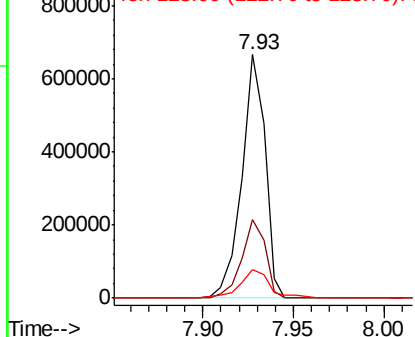


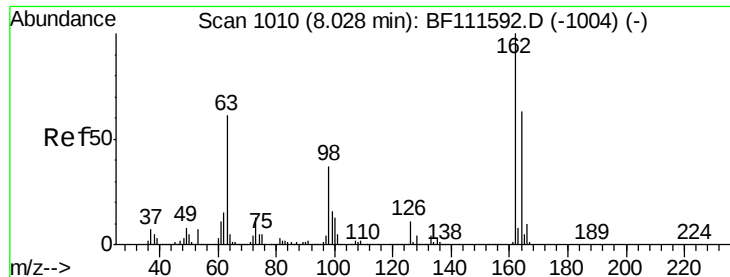
#28
bis(2-Chloroethoxy)methane
Concen: 39.634 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 93 Resp: 594209
Ion Ratio Lower Upper
93 100
95 32.1 27.1 40.7
123 11.8 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

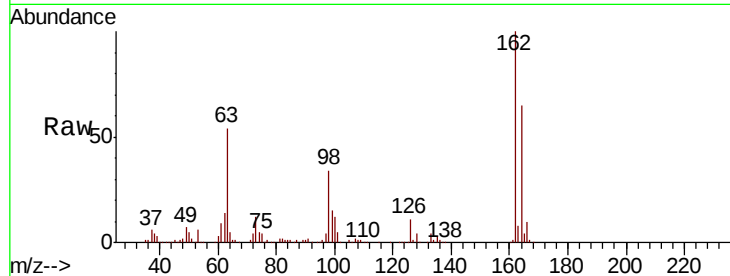




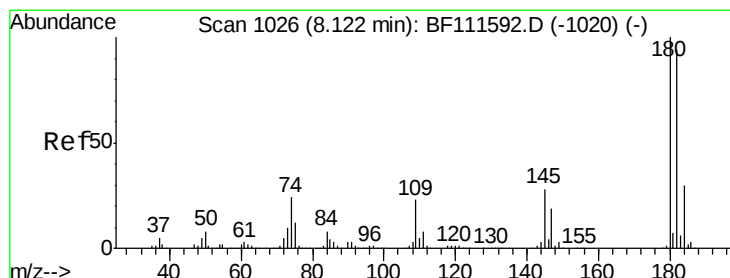
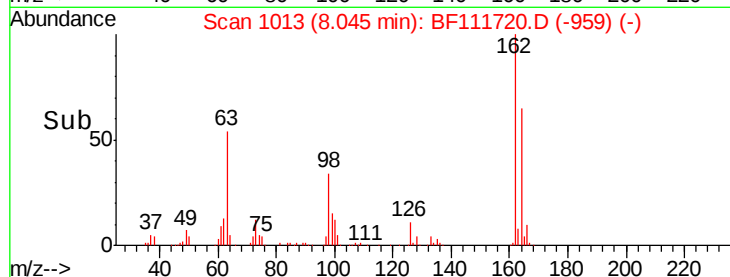
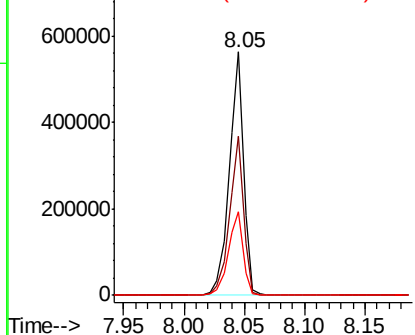
#29
 2,4-Dichlorophenol
 Concen: 40.568 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.02 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.4	84.4
98	34.2	20.3	60.3

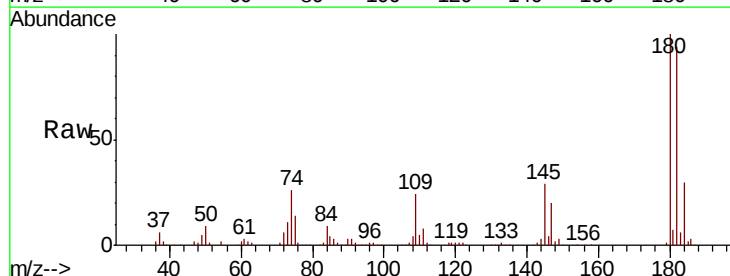


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

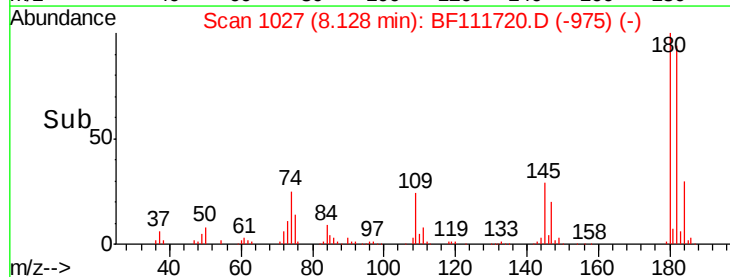
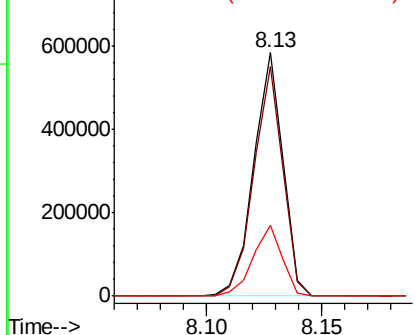


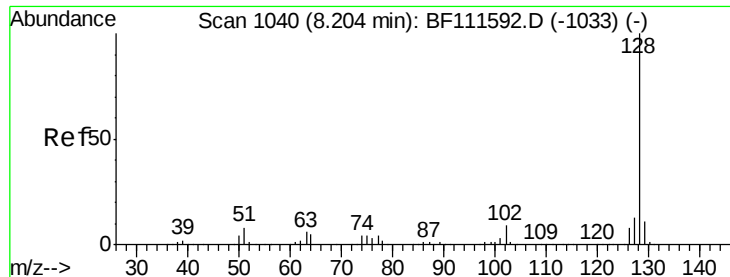
#30
 1,2,4-Trichlorobenzene
 Concen: 40.512 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	29.2	26.7	40.1



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





#31

Naphthalene

Concen: 39.795 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

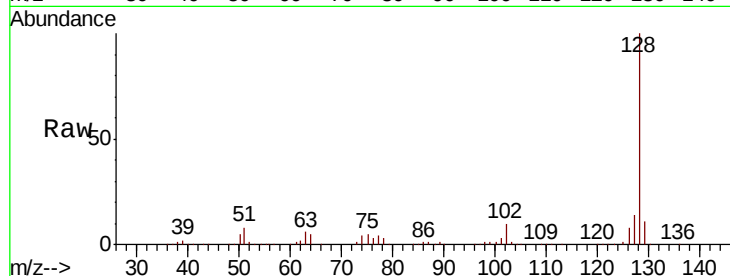
Tot Ion:128 Resp: 1412469

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.8

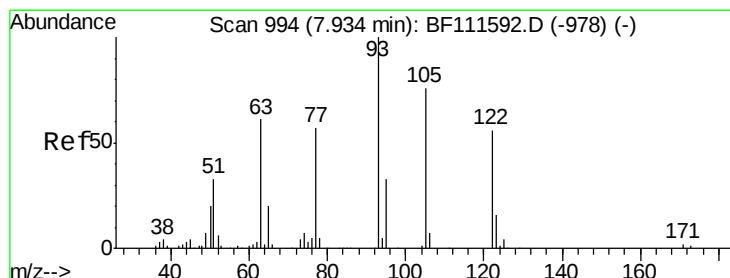
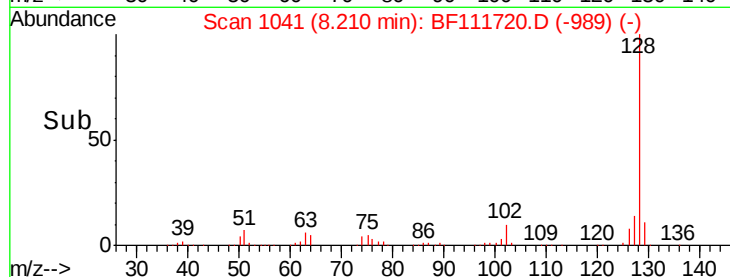
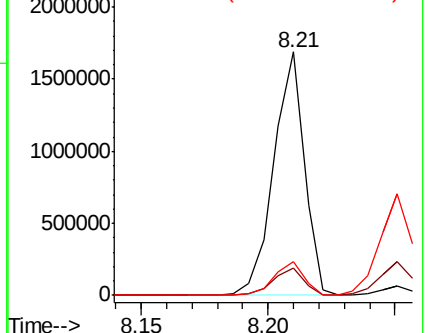
127 13.7 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.881 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

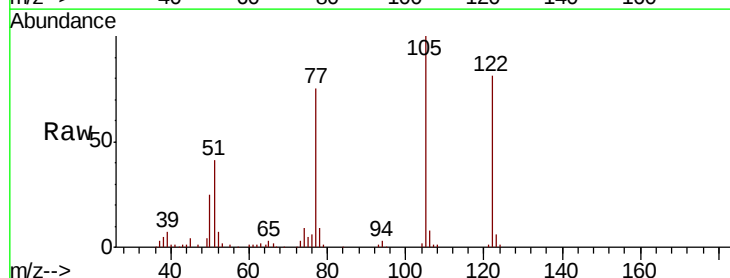
Tgt Ion:122 Resp: 266347

Ion Ratio Lower Upper

122 100

105 122.9 97.0 137.0

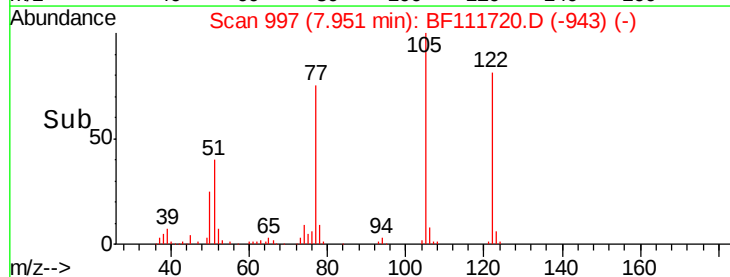
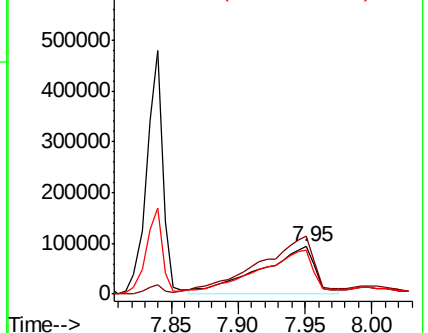
77 92.7 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

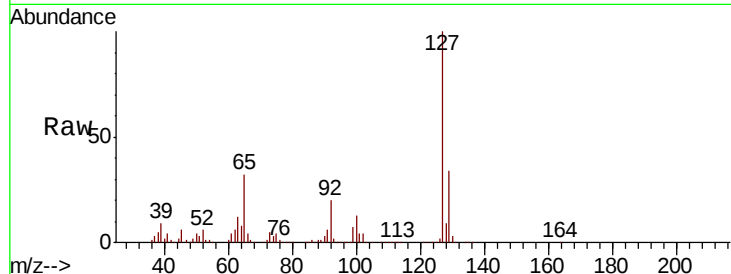




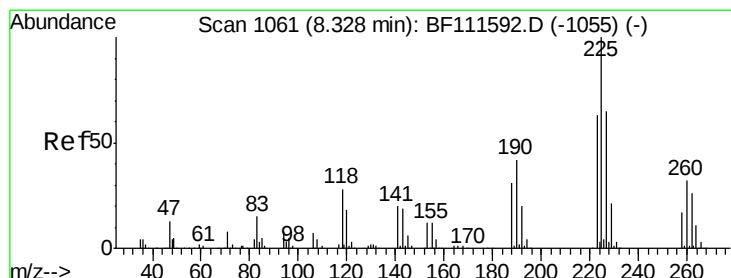
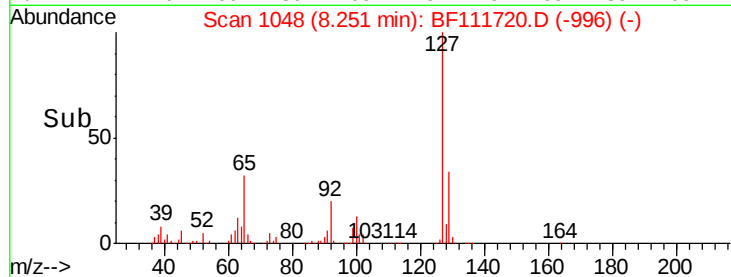
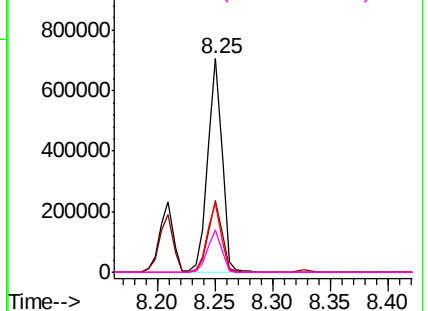
#33
 4-Chloroaniline
 Concen: 39.914 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	612338
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	39.8
65	32.3	25.7	38.5
92	19.7	15.4	23.2

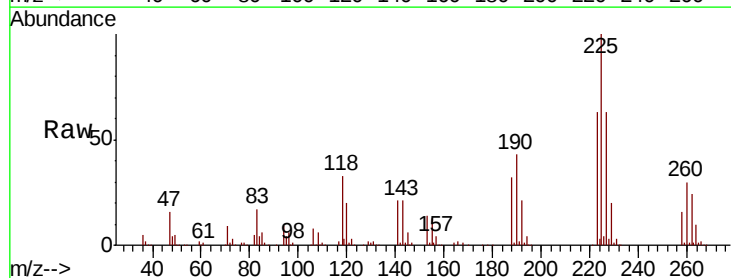


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

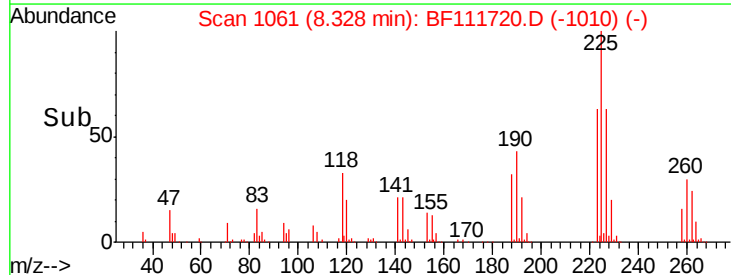
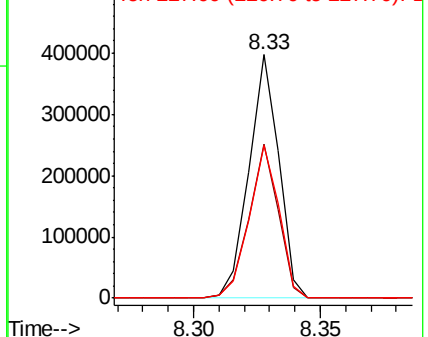


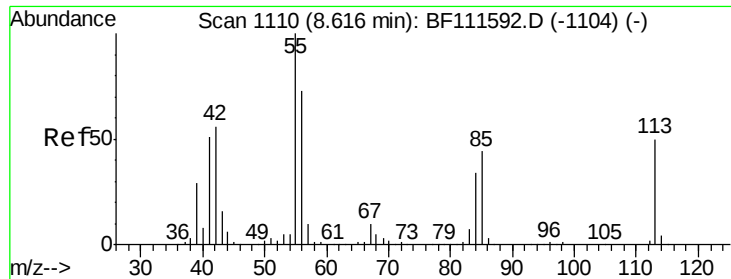
#34
 Hexachlorobutadiene
 Concen: 42.022 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion:	225	Resp:	326440
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	62.7	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

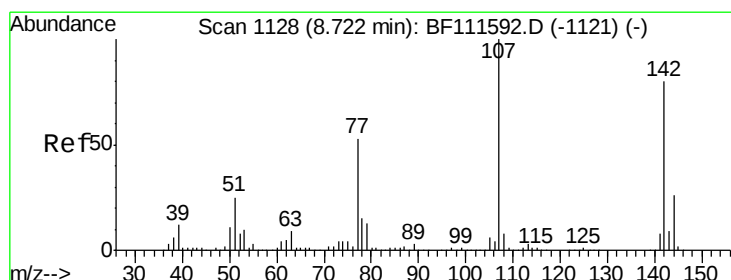
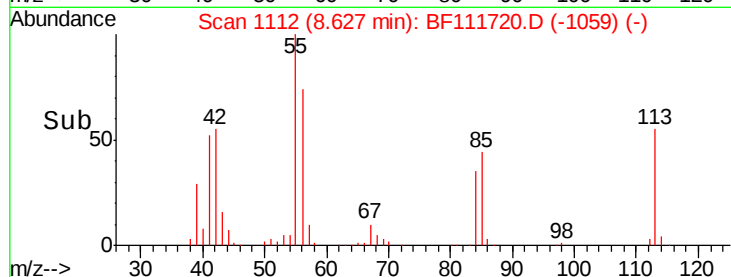
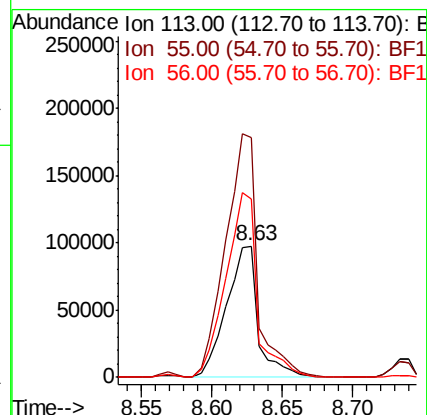
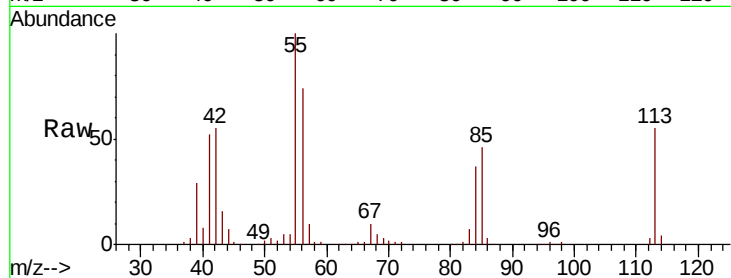




#35
Caprolactam
Concen: 39.324 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

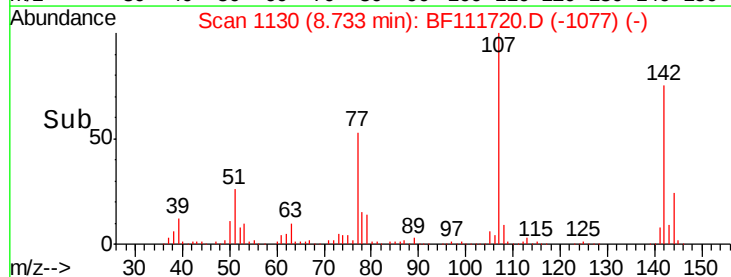
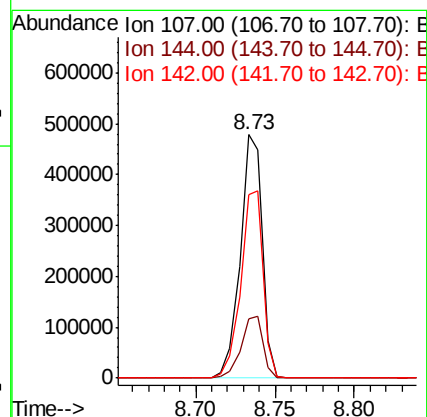
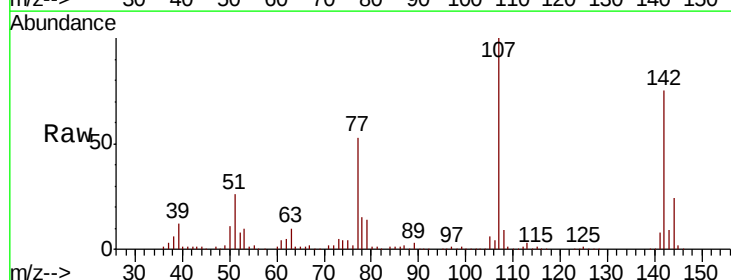
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

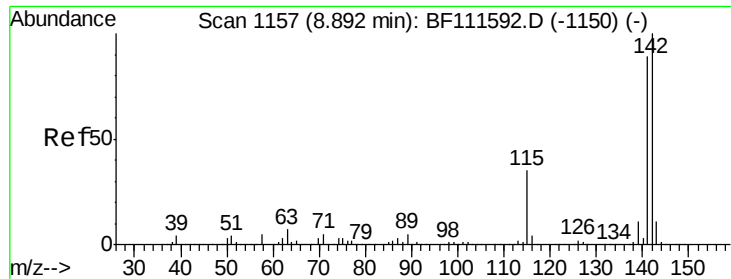
Tot Ion:113 Resp: 152411
Ion Ratio Lower Upper
113 100
55 182.0 184.1 224.1#
56 135.4 126.0 166.0



#36
4-Chloro-3-methylphenol
Concen: 40.722 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:107 Resp: 457853
Ion Ratio Lower Upper
107 100
144 24.2 19.8 29.6
142 75.5 62.3 93.5

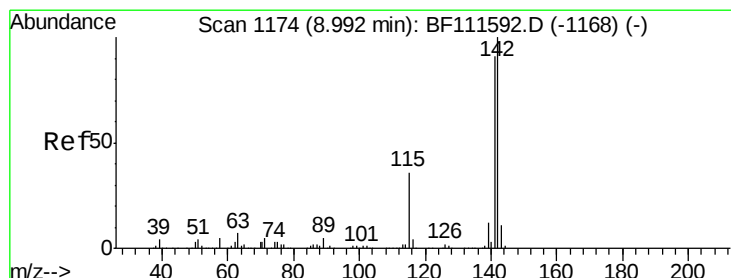
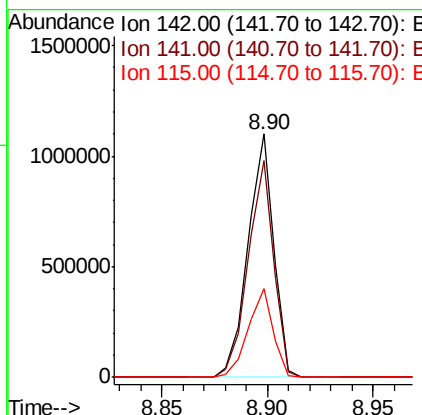
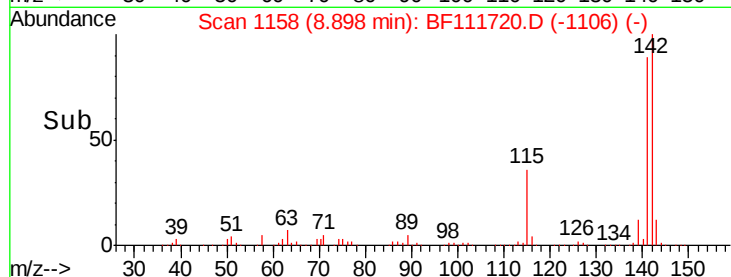
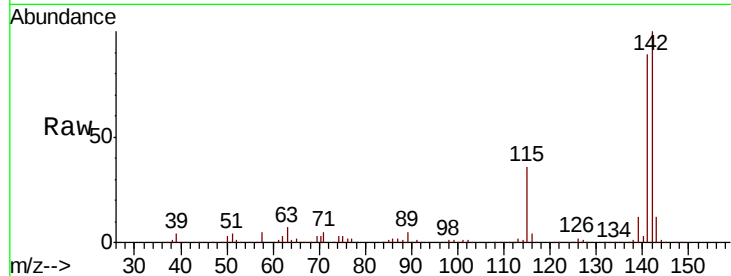




#37
2-Methylnaphthalene
Concen: 40.460 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

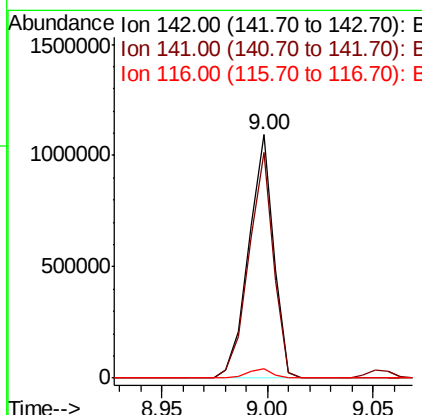
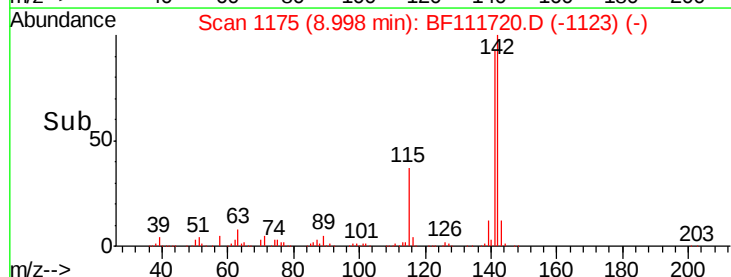
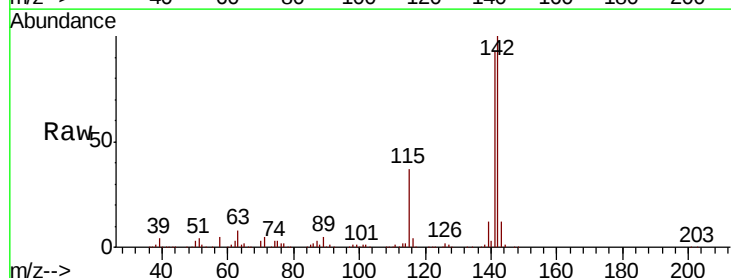
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

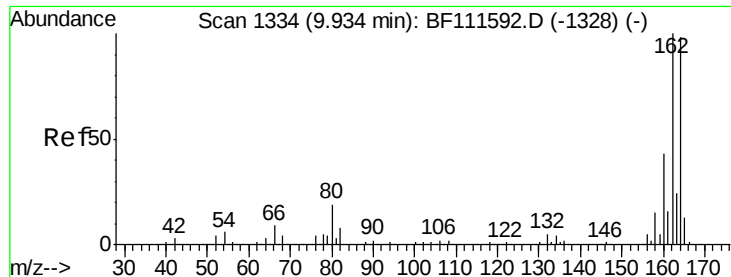
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	36.3	27.0	40.6



#38
1-Methylnaphthalene
Concen: 40.429 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.9	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

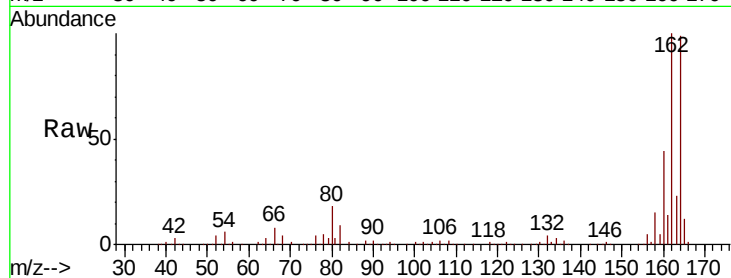
Tot Ion:164 Resp: 379634

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 44.3 35.7 53.5

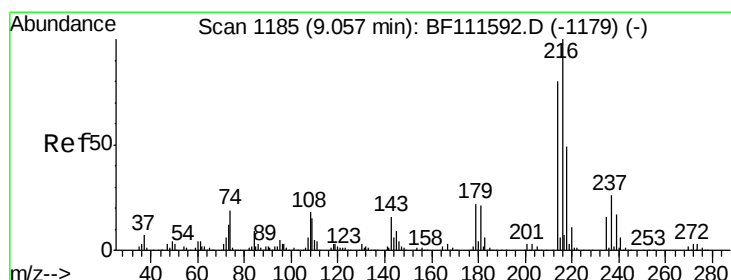
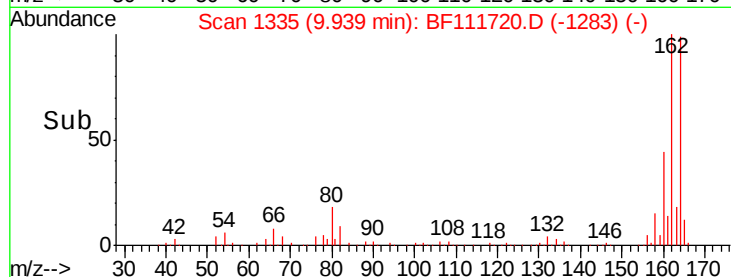
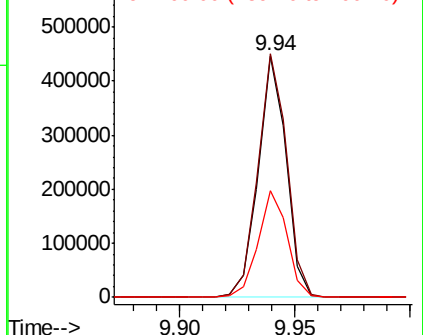


Abundance

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: 40.676 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Tgt Ion:216 Resp: 507426

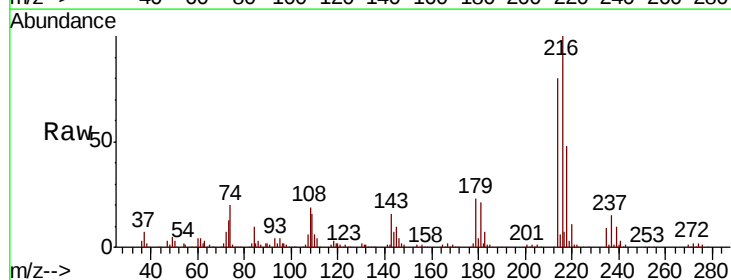
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 21.4 17.9 26.9

108 18.4 18.4 27.6



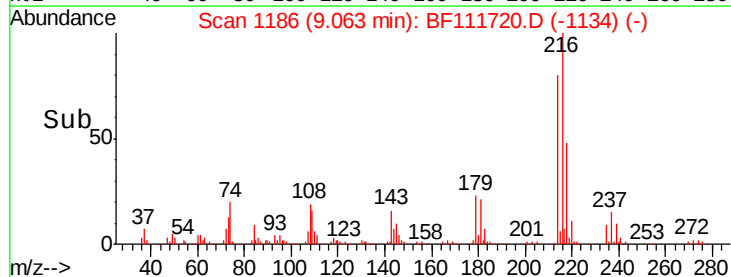
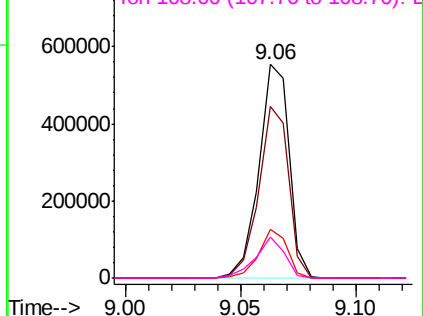
Abundance

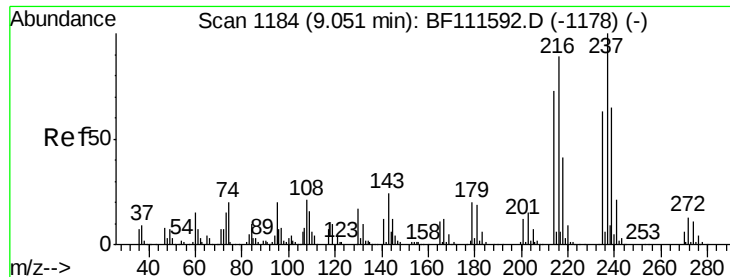
Ion 216.00 (215.70 to 216.70): E

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: 49.297 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

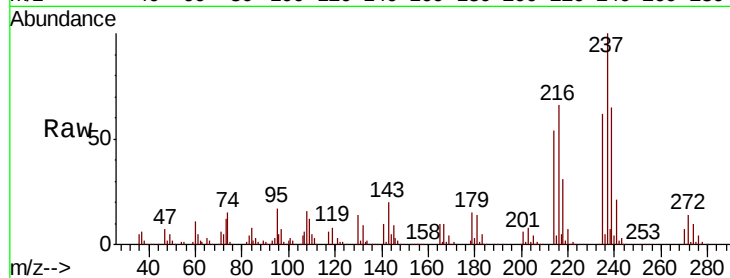
Tot Ion:237 Resp: 298424

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

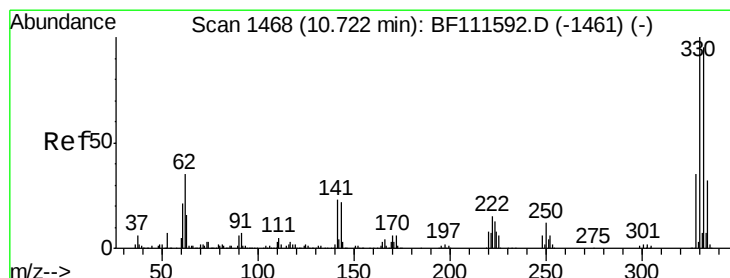
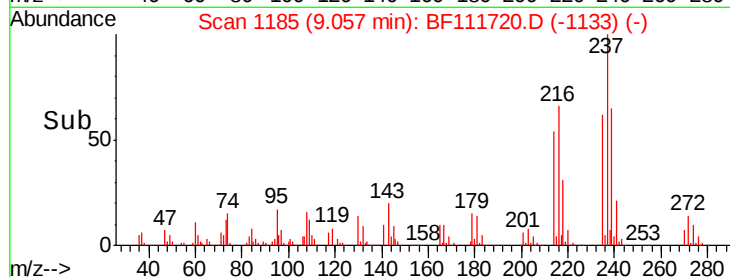
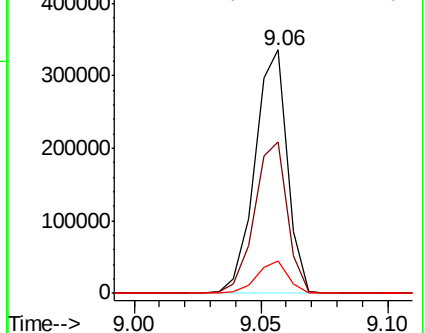
272 13.5 0.0 33.0



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: 87.111 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

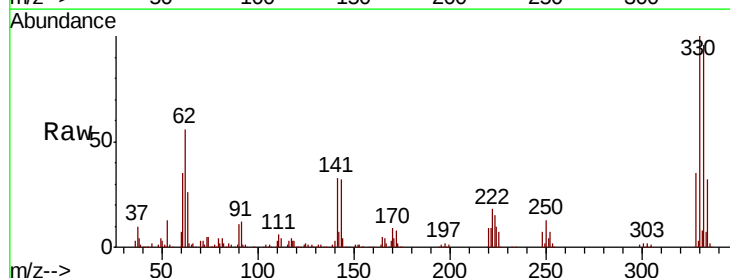
Tgt Ion:330 Resp: 390753

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

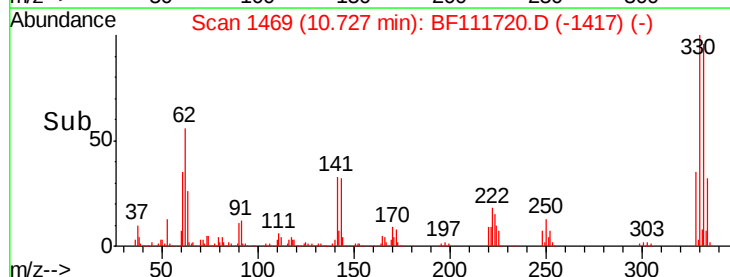
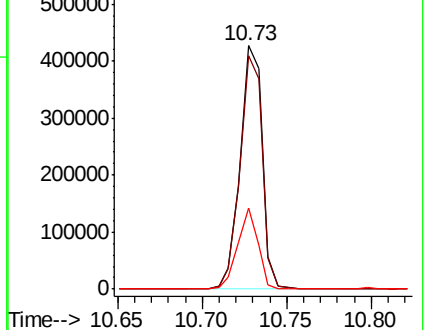
141 30.4 31.0 46.6#

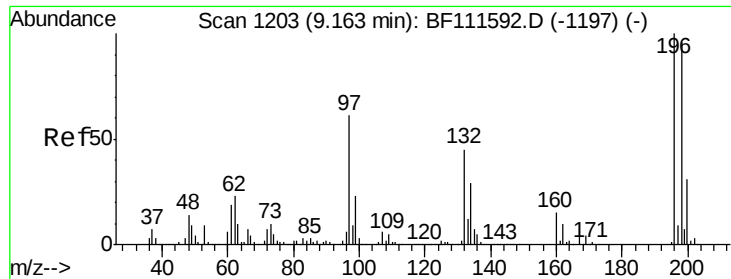


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

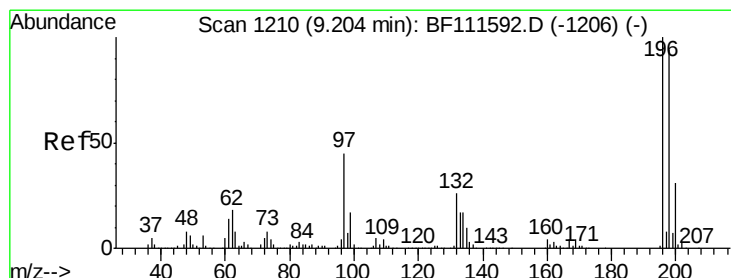
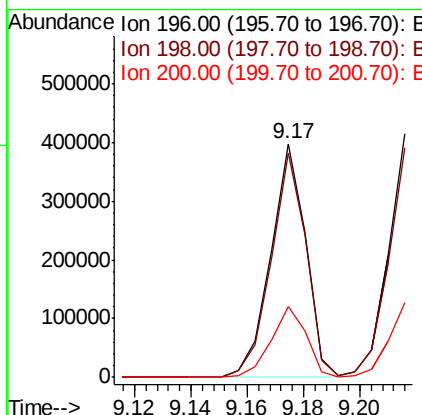
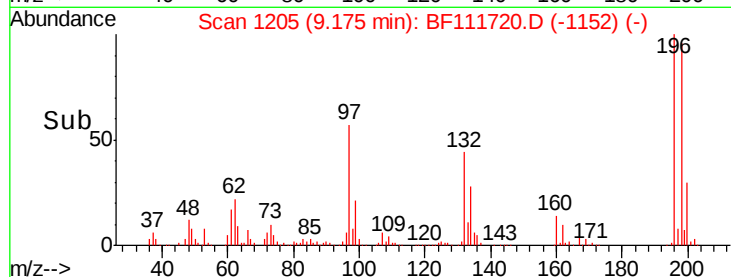
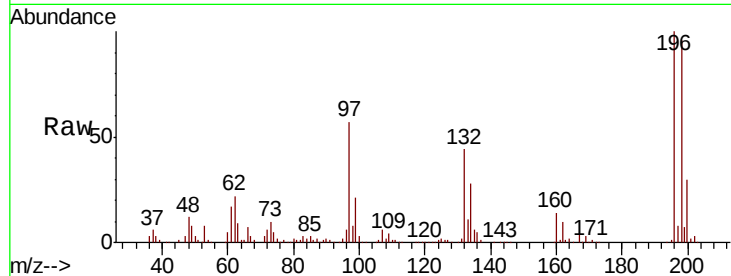




#43
 2,4,6-Trichlorophenol
 Concen: 41.123 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

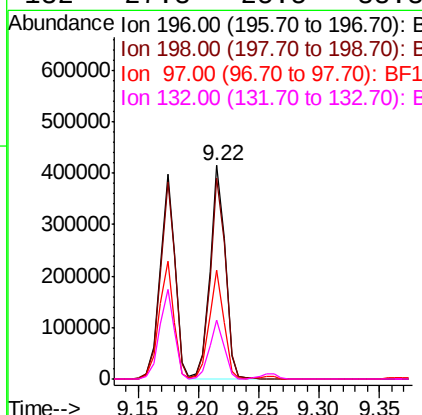
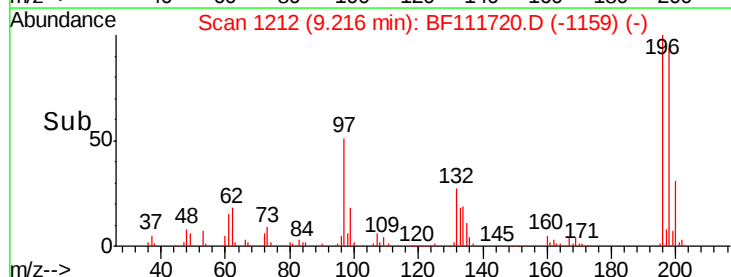
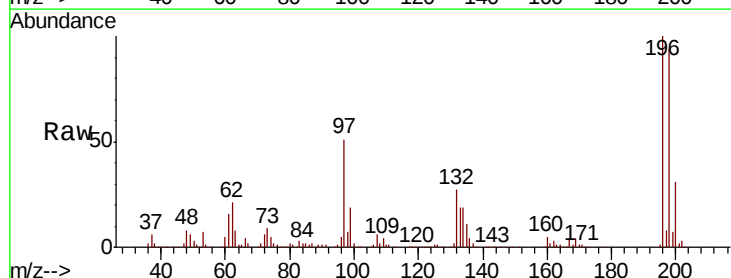
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

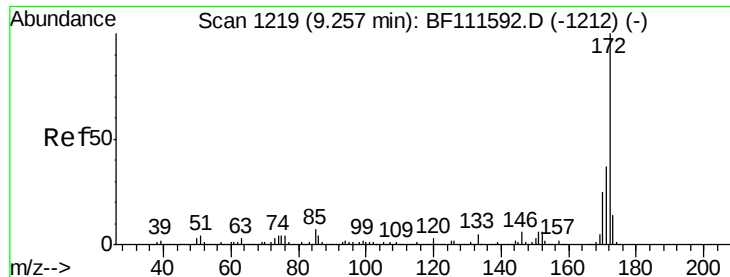
Tot Ion:196 Resp: 342502
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.901 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion:196 Resp: 358023
 Ion Ratio Lower Upper
 196 100
 198 94.3 72.9 109.3
 97 50.9 45.3 67.9
 132 27.3 25.5 38.3

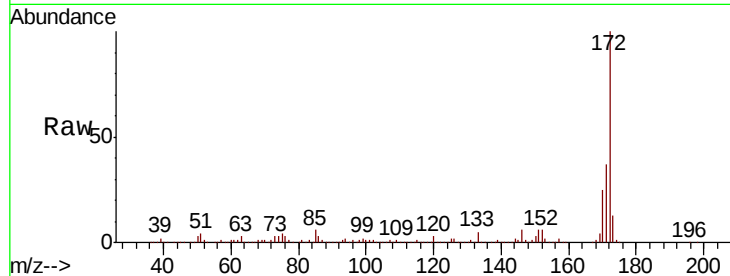




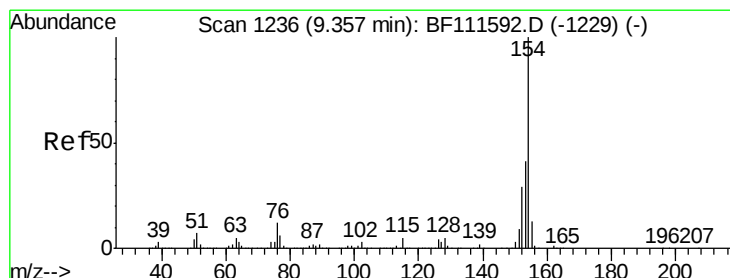
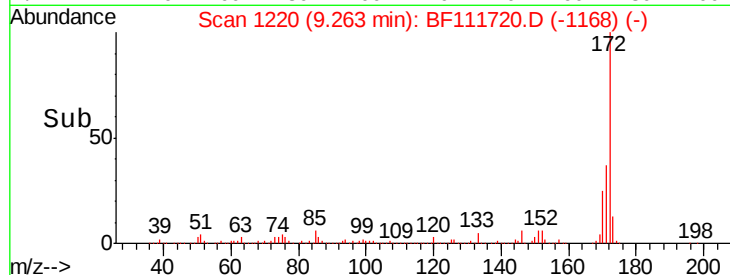
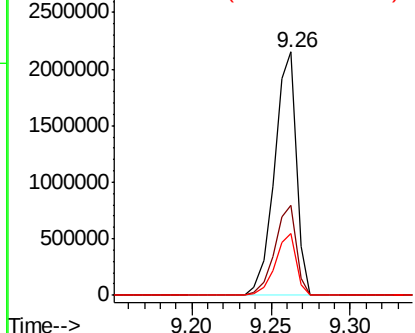
#45
2-Fluorobiphenyl
Concen: 79.674 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2075160
Ion Ratio Lower Upper
172 100
171 37.1 33.0 49.4
170 25.3 22.3 33.5

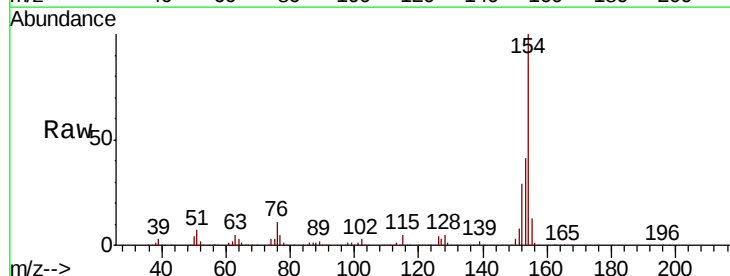


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

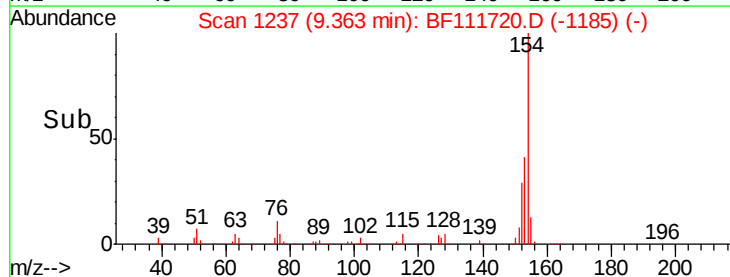
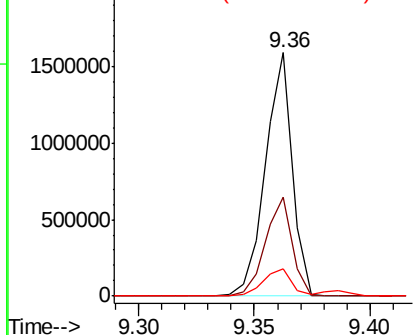


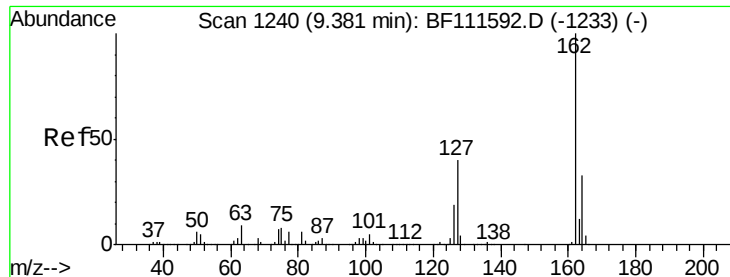
#46
1,1'-Biphenyl
Concen: 40.094 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:154 Resp: 1284888
Ion Ratio Lower Upper
154 100
153 40.8 23.7 63.7
76 11.3 0.0 35.0



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

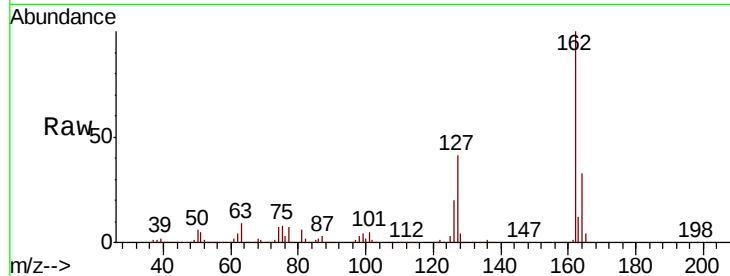




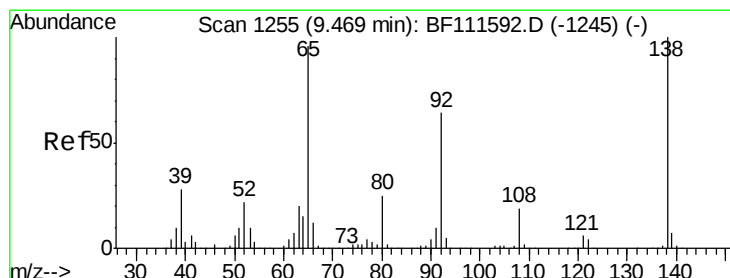
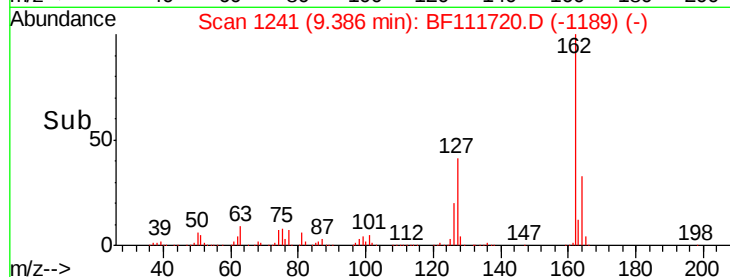
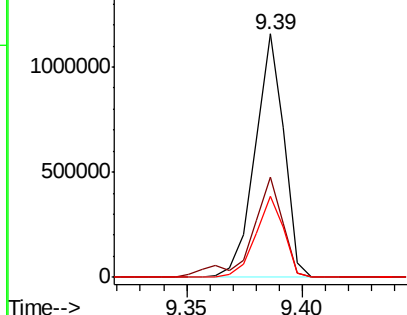
#47
 2-Chloronaphthalene
 Concen: 39.473 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1002243
 Ion Ratio Lower Upper
 162 100
 127 41.2 35.0 52.4
 164 33.0 28.4 42.6

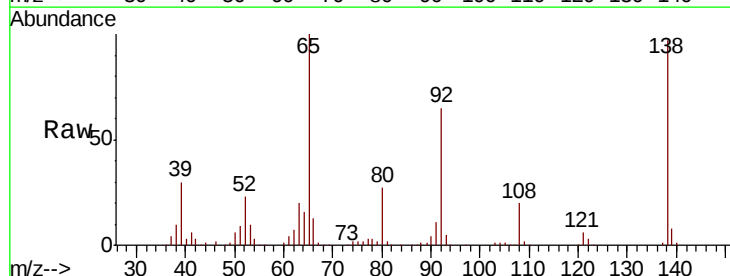


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

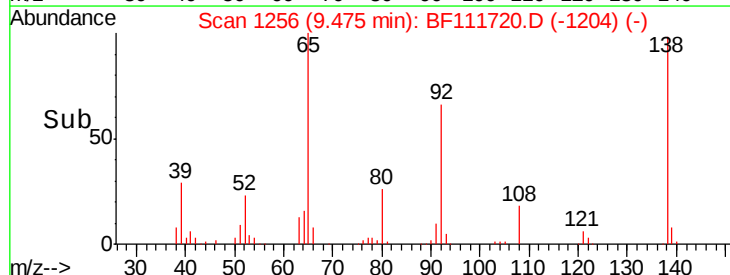
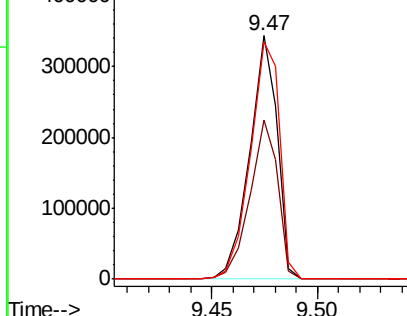


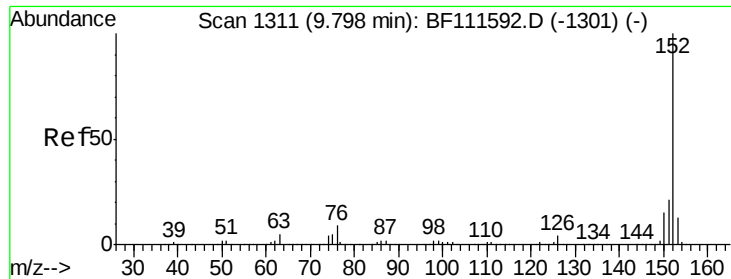
#48
 2-Nitroaniline
 Concen: 47.149 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion: 65 Resp: 311437
 Ion Ratio Lower Upper
 65 100
 92 65.2 53.5 80.3
 138 97.5 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: 39.903 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

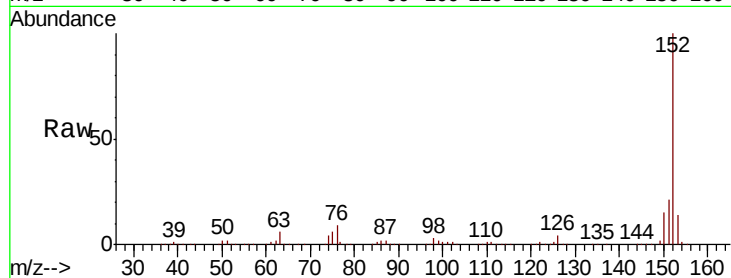
Tot Ion:152 Resp: 1479272

Ion Ratio Lower Upper

152 100

151 20.7 18.0 27.0

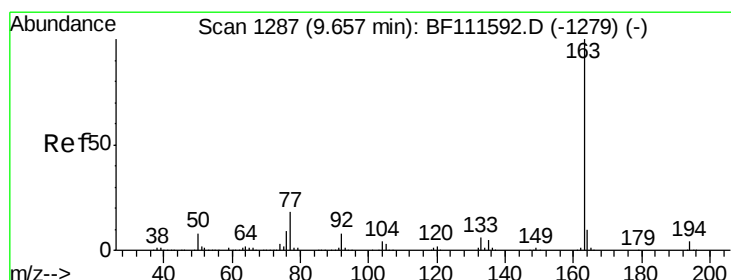
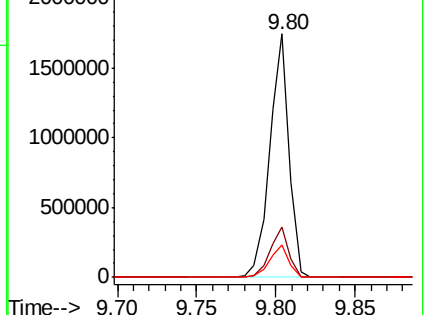
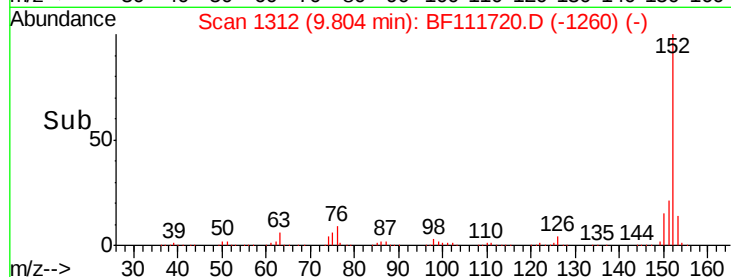
153 13.5 12.3 18.5



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: 41.167 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

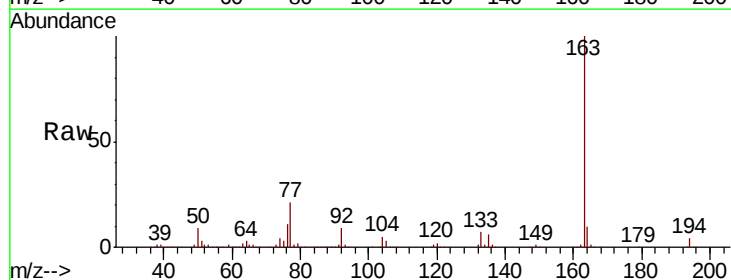
Tgt Ion:163 Resp: 1142858

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

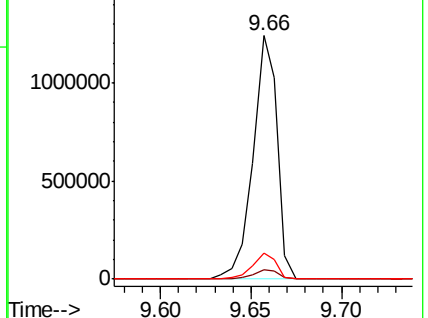
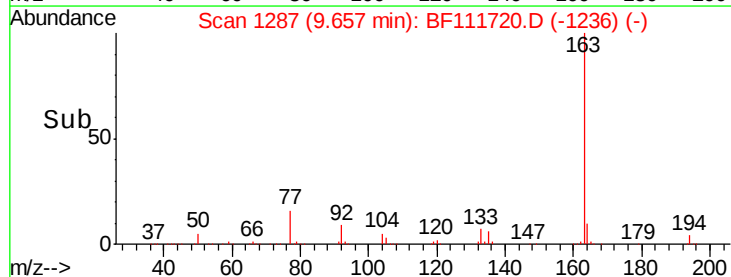
164 10.4 8.9 13.3

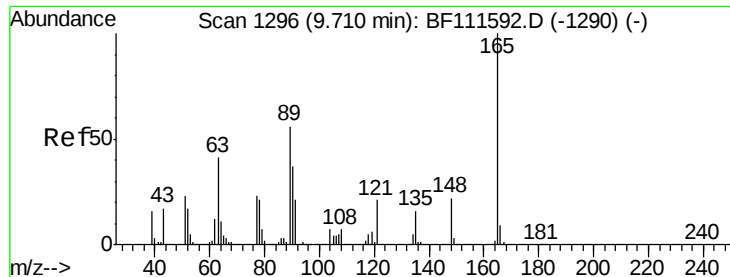


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

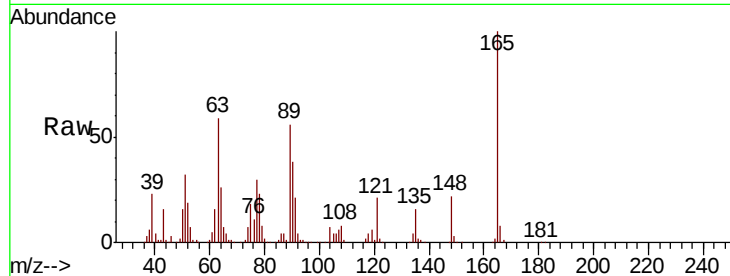




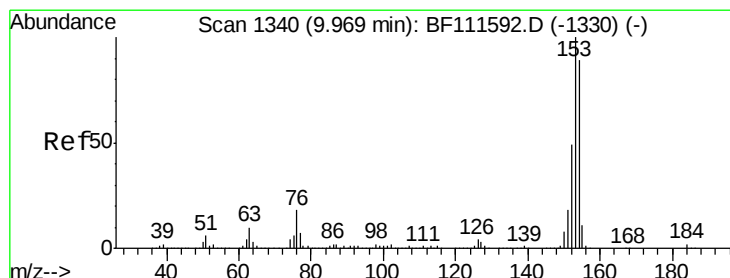
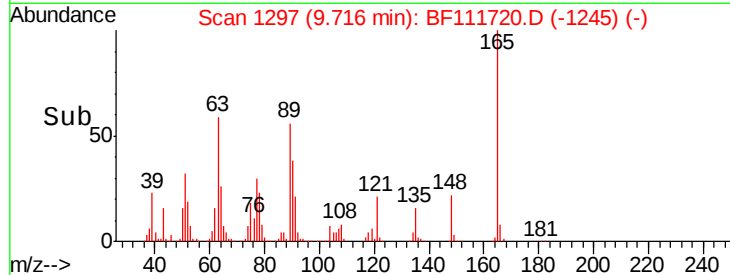
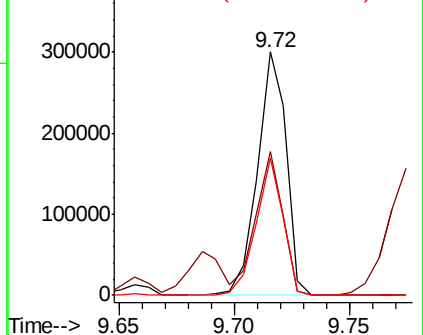
#51
2,6-Dinitrotoluene
Concen: 47.052 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 260461
Ion Ratio Lower Upper
165 100
63 59.2 40.5 60.7
89 56.4 40.0 60.0

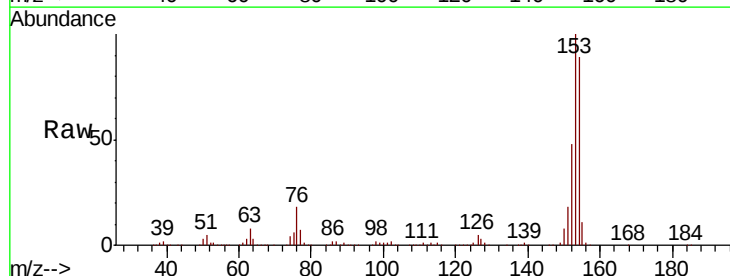


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

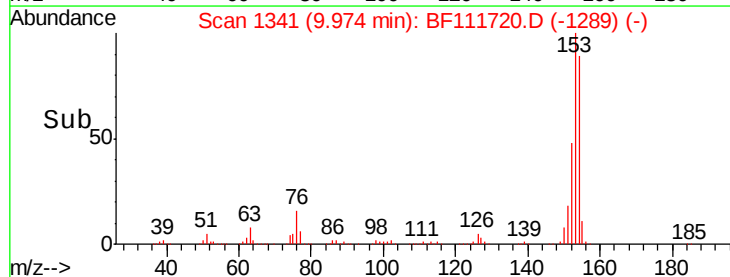
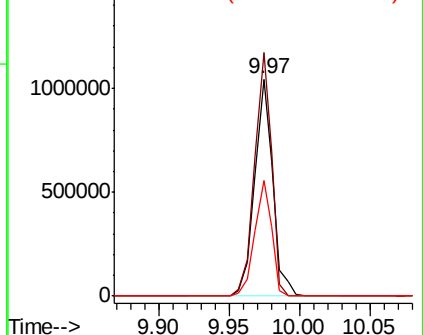


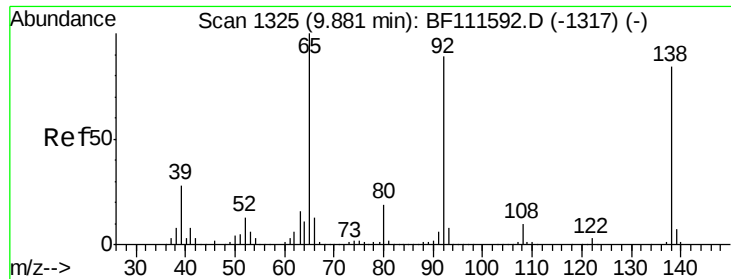
#52
Acenaphthene
Concen: 41.476 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:154 Resp: 948318
Ion Ratio Lower Upper
154 100
153 112.1 87.8 131.8
152 53.5 43.4 65.2



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

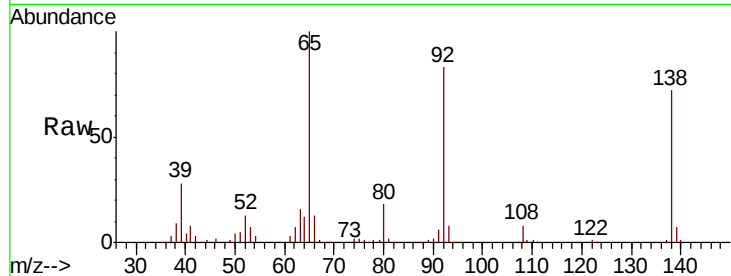




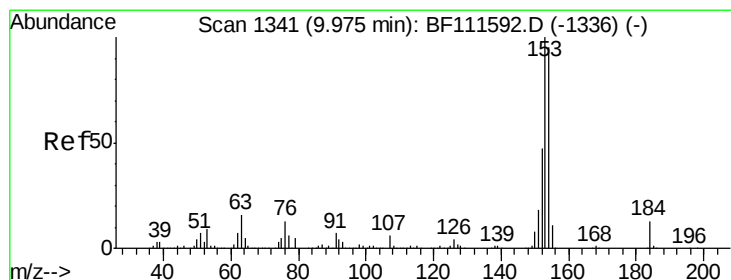
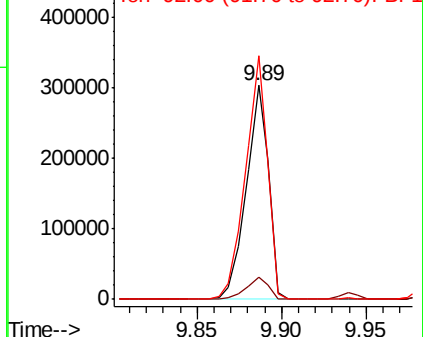
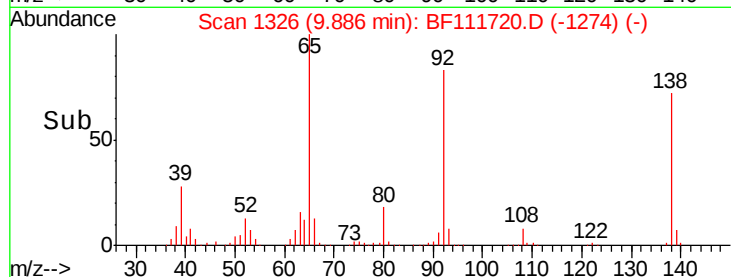
#53
3-Nitroaniline
Concen: 47.303 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 279263
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 114.0 93.4 140.2

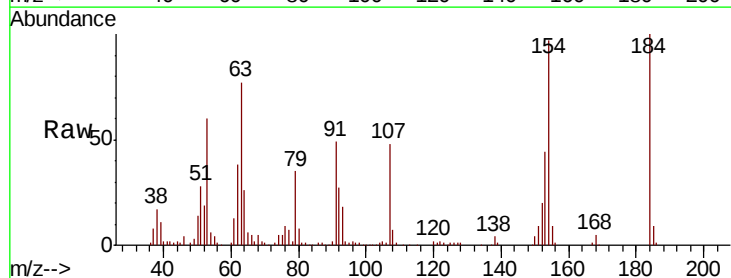


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

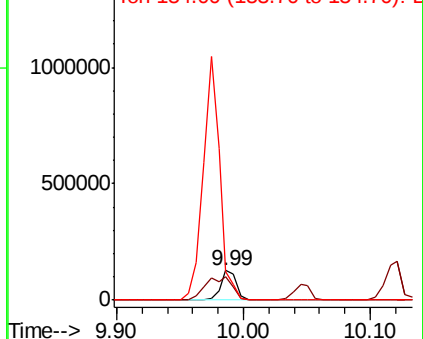
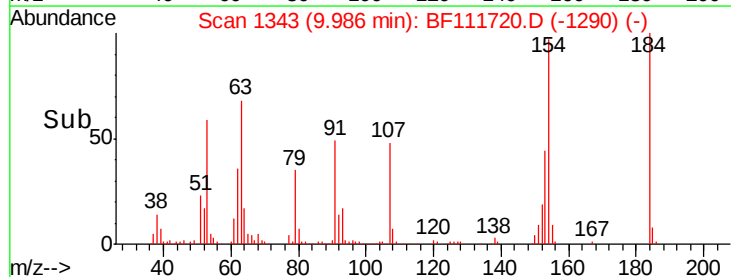


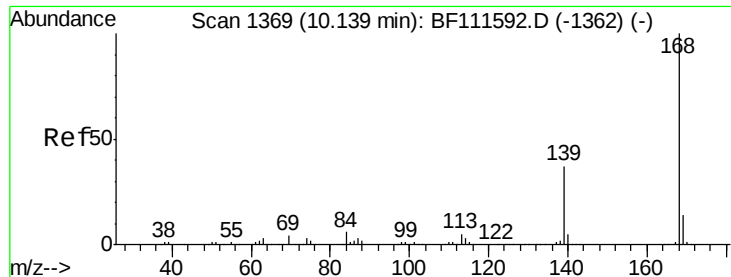
#54
2,4-Dinitrophenol
Concen: 62.879 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:184 Resp: 108647
Ion Ratio Lower Upper
184 100
63 77.1 62.3 93.5
154 97.1 56.2 84.2#



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





#55

Dibenzofuran

Concen: 40.496 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

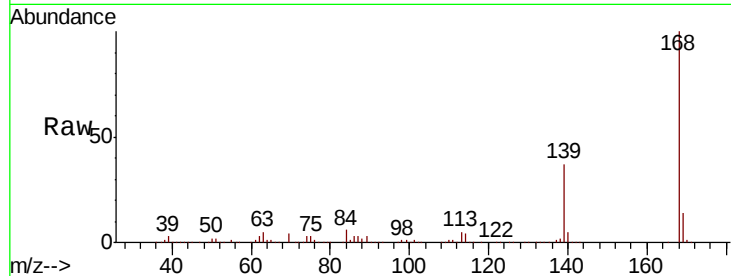
Tot Ion:168 Resp: 1398873

Ion Ratio Lower Upper

168 100

139 37.5 32.6 49.0

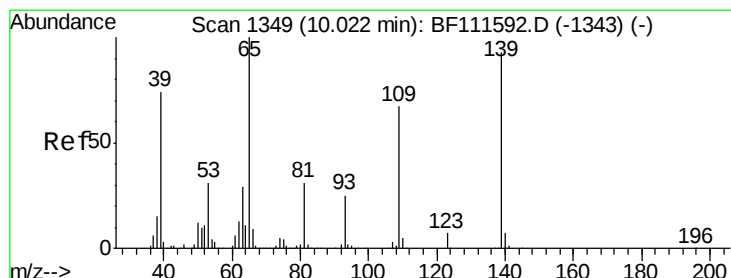
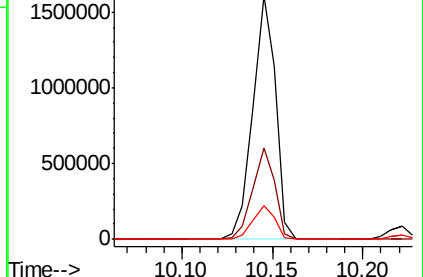
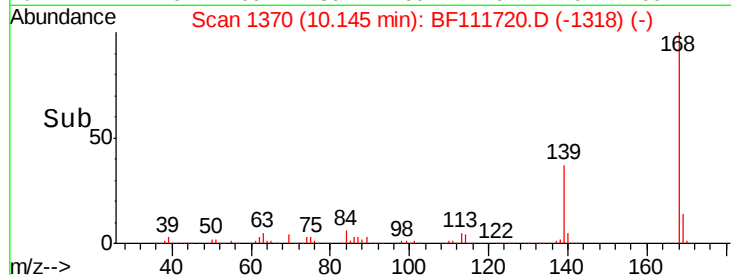
169 13.7 11.8 17.6



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: 46.161 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.03 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

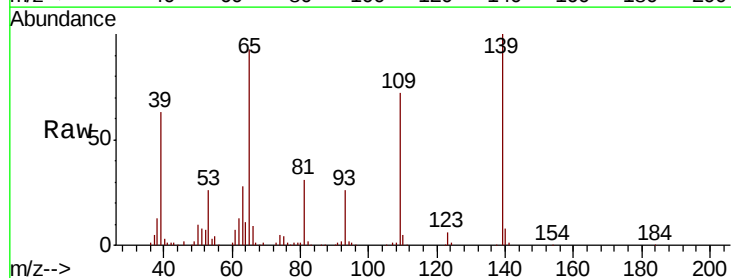
Tgt Ion:139 Resp: 207975

Ion Ratio Lower Upper

139 100

109 71.6 41.8 81.8

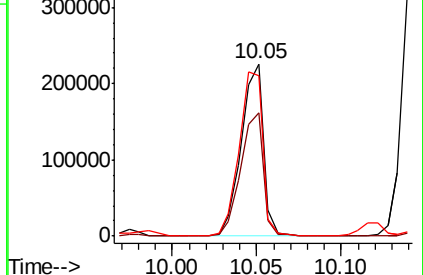
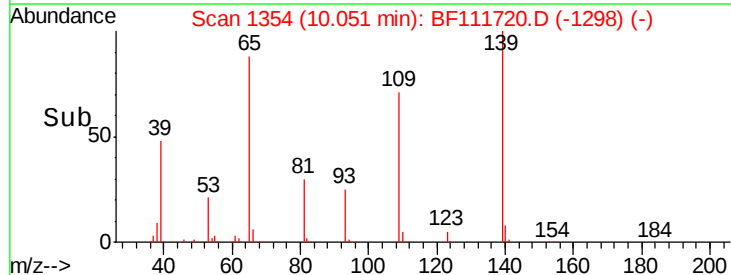
65 92.7 79.6 119.6

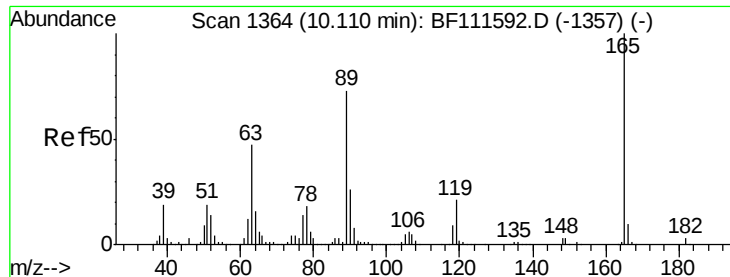


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

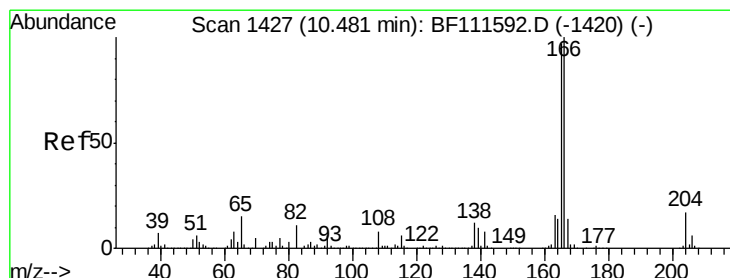
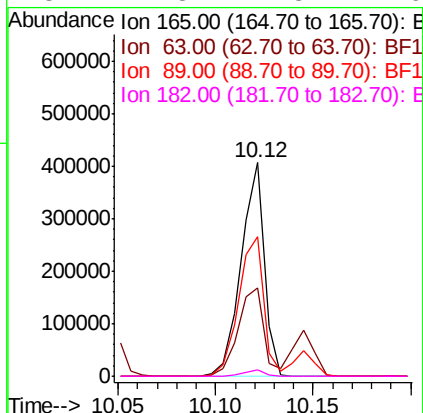
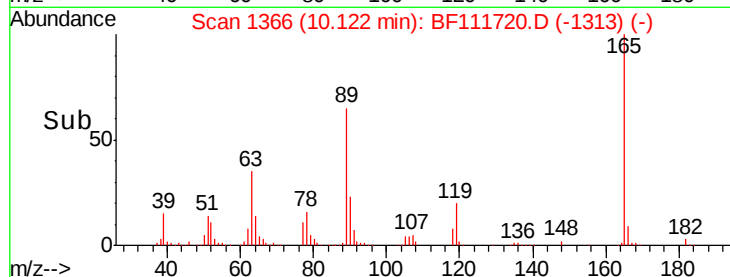
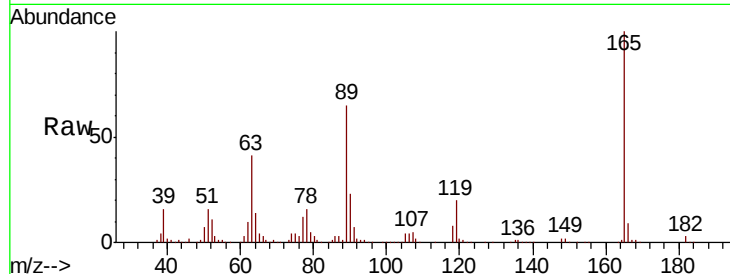




#57
2,4-Dinitrotoluene
Concen: 50.344 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

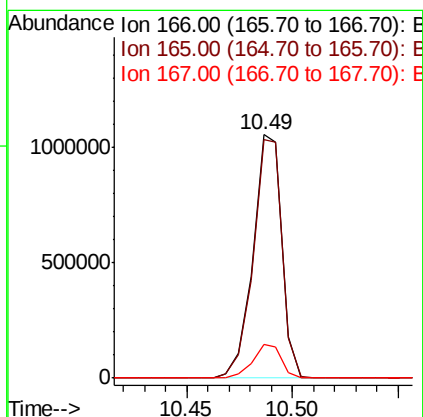
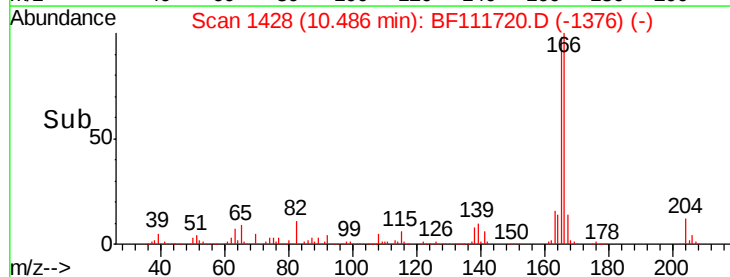
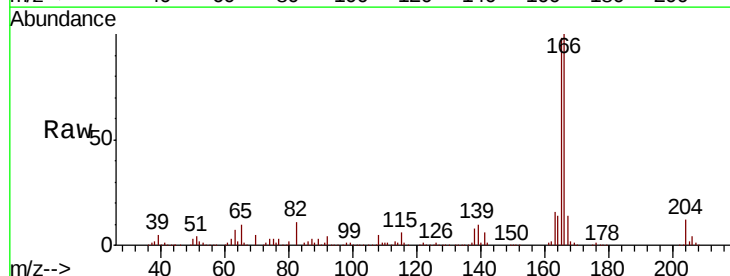
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

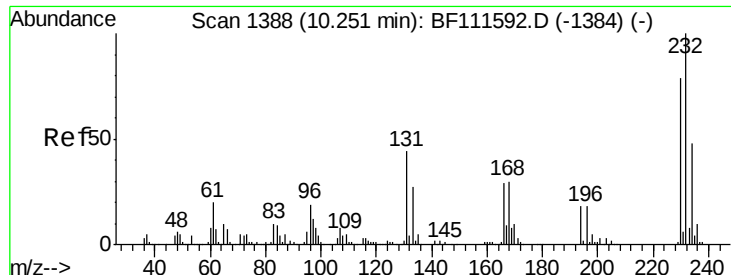
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	34.6	52.0
89	65.4	56.2	84.4
182	2.8	1.8	2.6



#58
Fluorene
Concen: 40.041 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.9	11.2	16.8

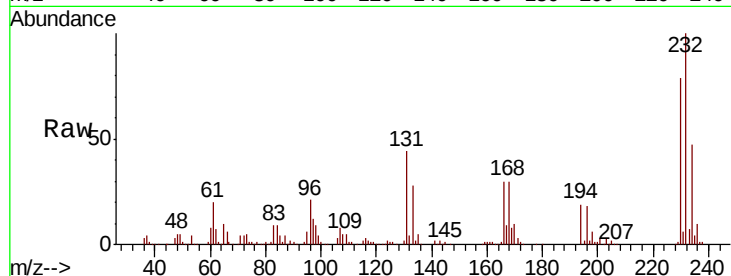




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.540 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	40.9	61.3
130	2.0	2.0	3.0
166	29.1	26.8	40.2



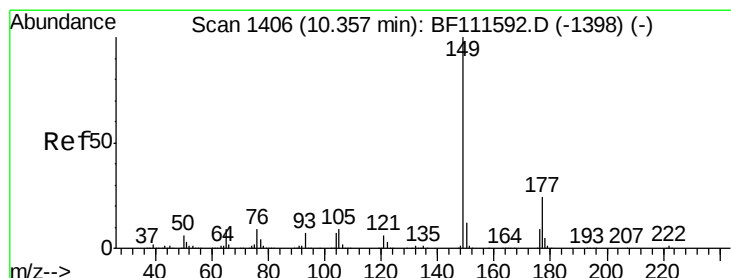
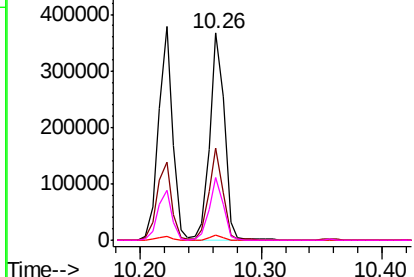
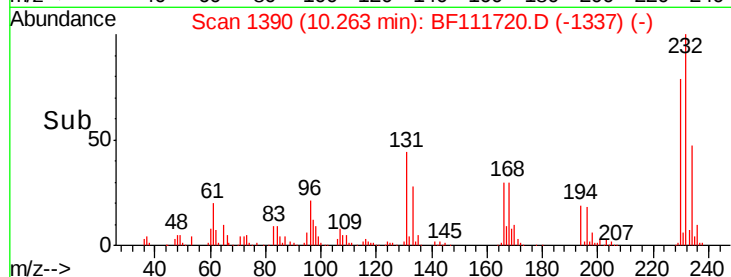
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

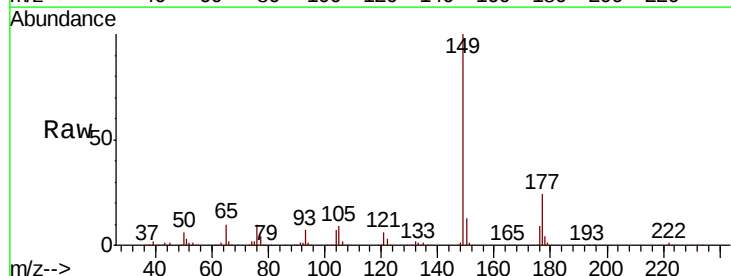
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.796 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.6	10.6	15.8

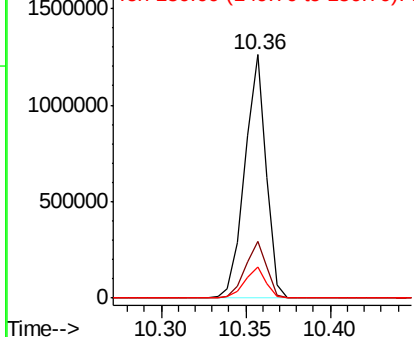
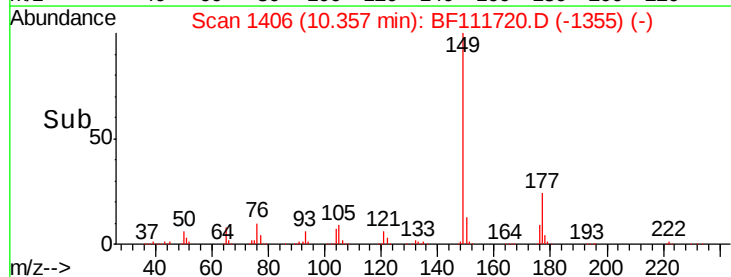


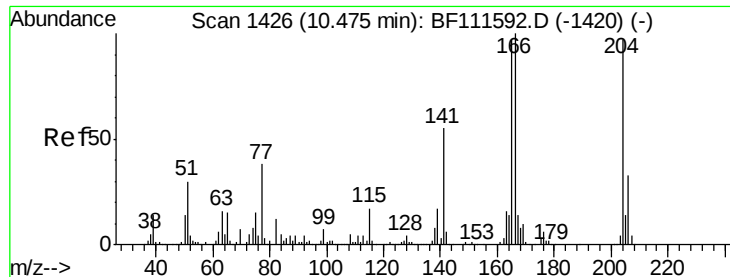
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

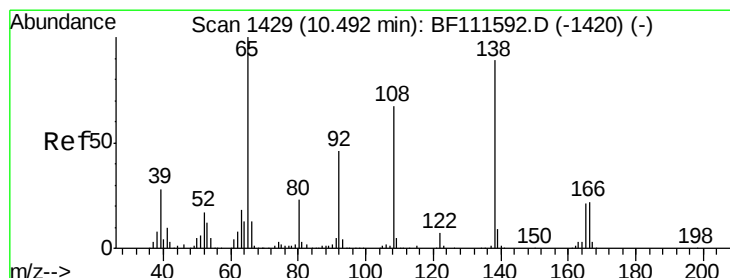
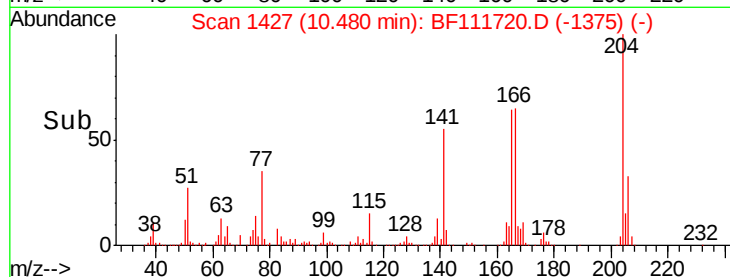
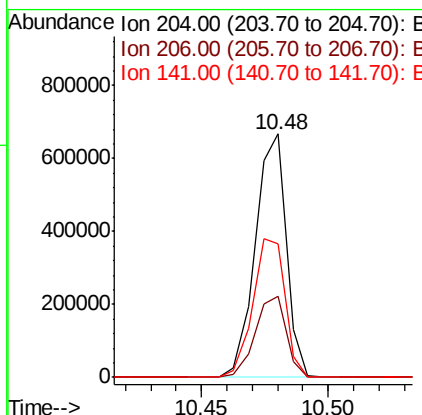
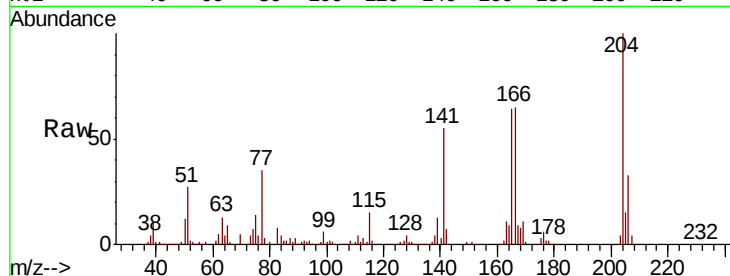




#61
4-Chlorophenyl-phenylether
Concen: 41.498 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

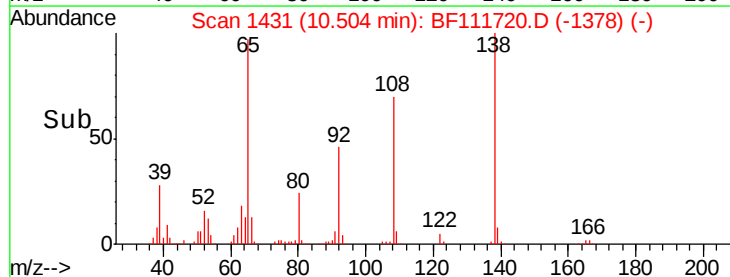
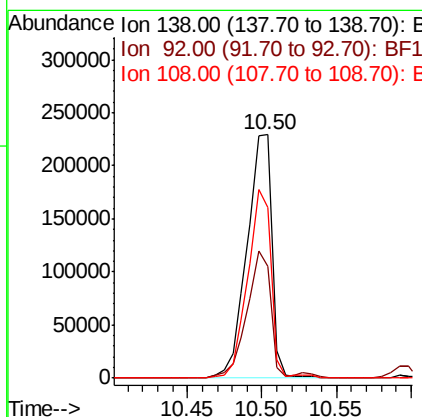
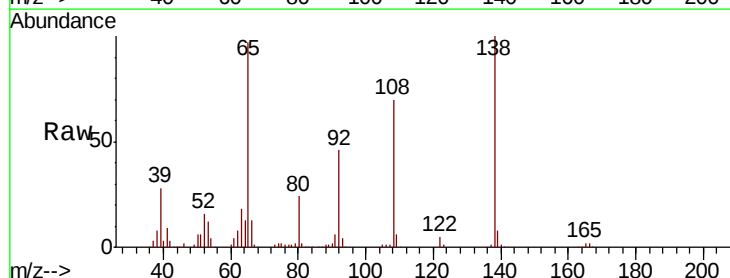
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

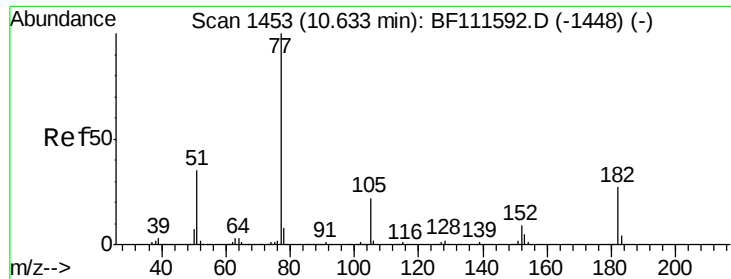
Tot Ion:204 Resp: 570685
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 54.9 52.6 78.8



#62
4-Nitroaniline
Concen: 46.231 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:138 Resp: 265274
Ion Ratio Lower Upper
138 100
92 45.7 29.9 69.9
108 70.1 43.2 83.2

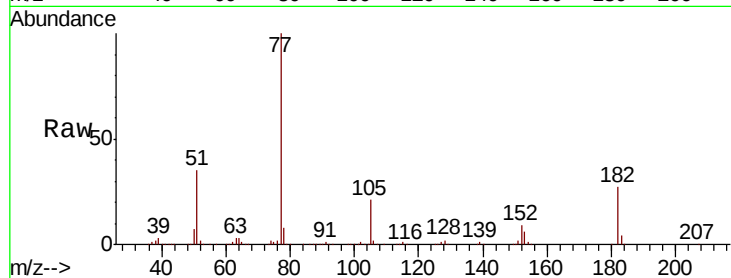




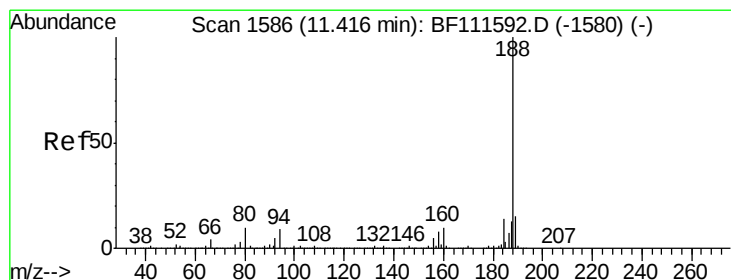
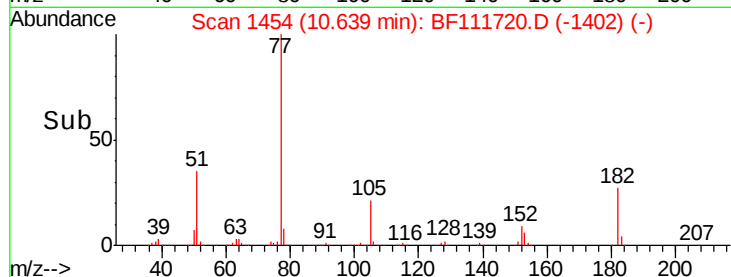
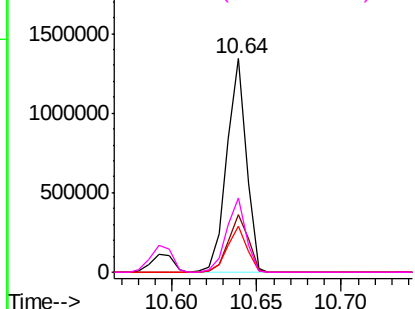
#63
Azobenzene
Concen: 39.403 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1077263
Ion Ratio Lower Upper
77 100
182 26.8 4.9 44.9
105 21.5 6.0 46.0
51 34.7 14.7 54.7

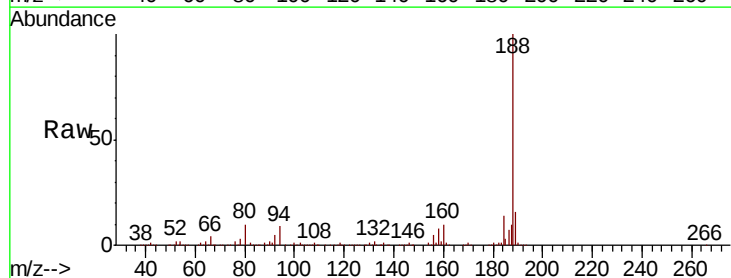


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

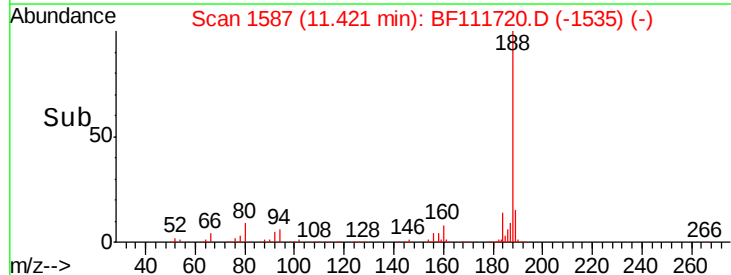
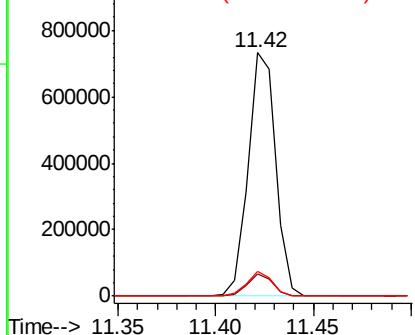


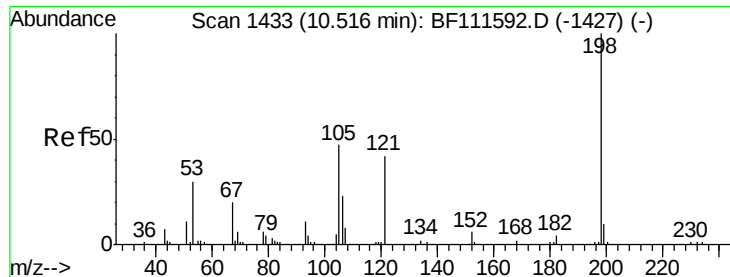
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion: 188 Resp: 714833
Ion Ratio Lower Upper
188 100
94 9.1 9.6 14.4#
80 9.9 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: 56.158 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

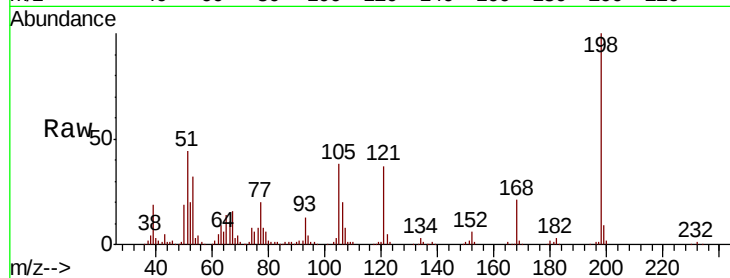
Tot Ion:198 Resp: 169815

Ion Ratio Lower Upper

198 100

51 44.0 48.0 88.0#

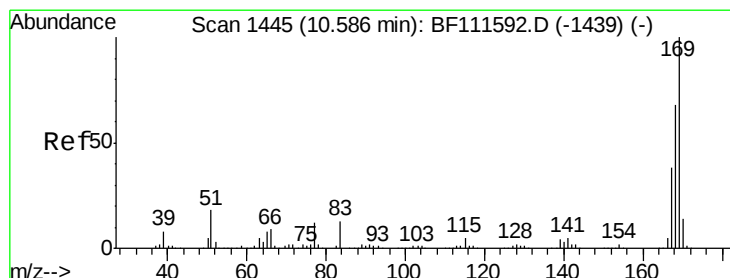
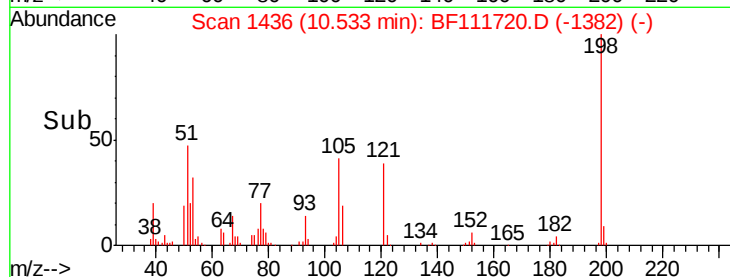
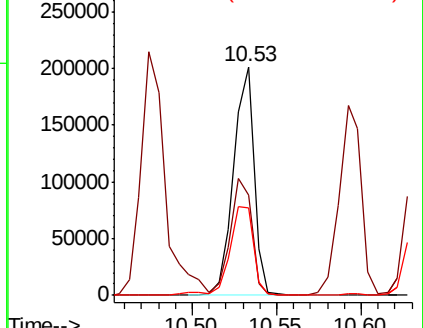
105 38.2 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.442 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

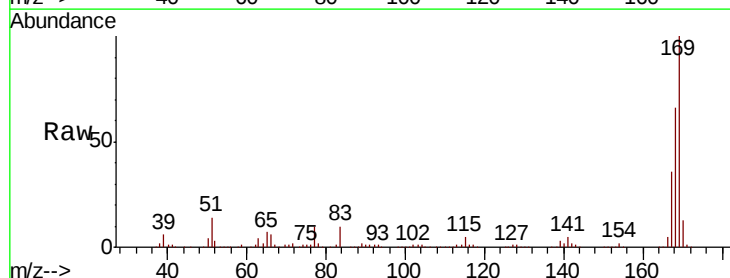
Tgt Ion:169 Resp: 970432

Ion Ratio Lower Upper

169 100

168 66.4 54.4 81.6

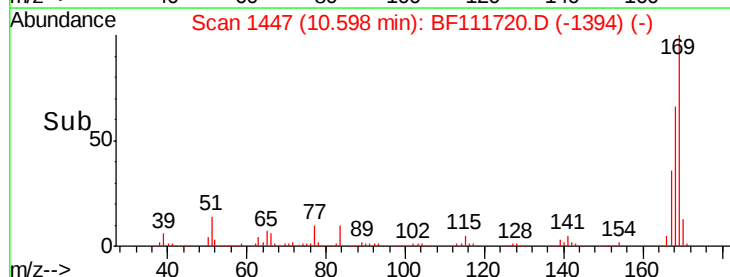
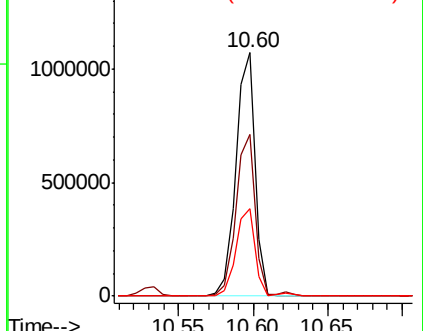
167 36.2 30.5 45.7

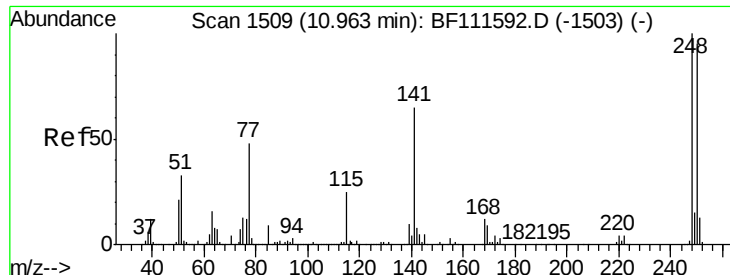


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

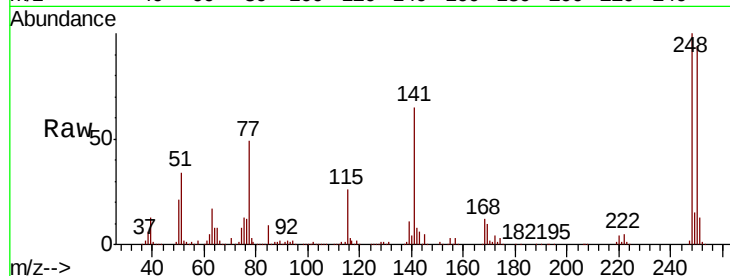




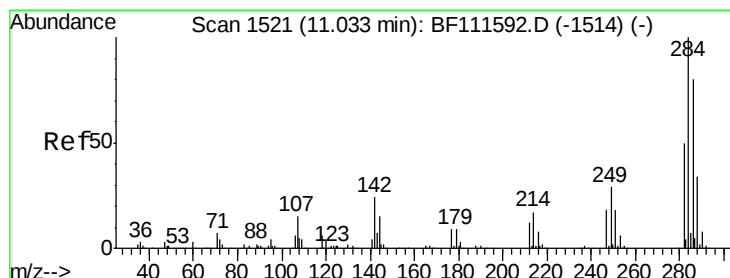
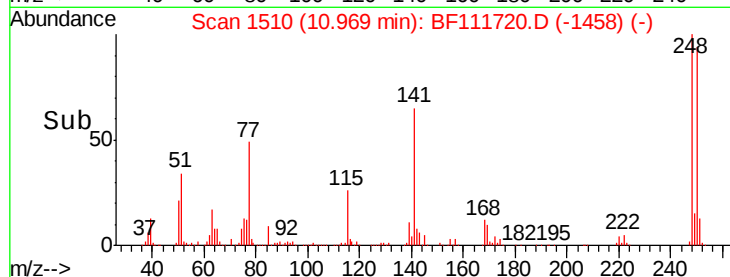
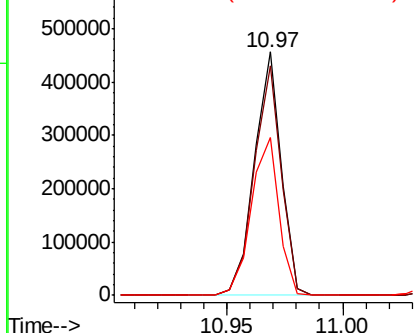
#67
4-Bromophenyl-phenylether
Concen: 41.570 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 368567
Ion Ratio Lower Upper
248 100
250 94.4 77.0 115.4
141 65.0 63.0 94.6

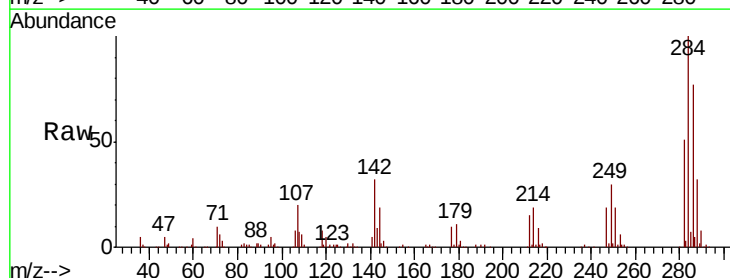


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

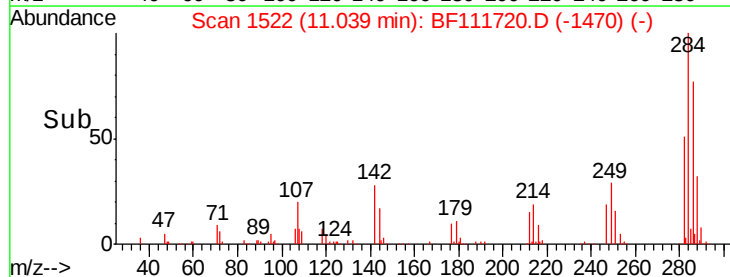
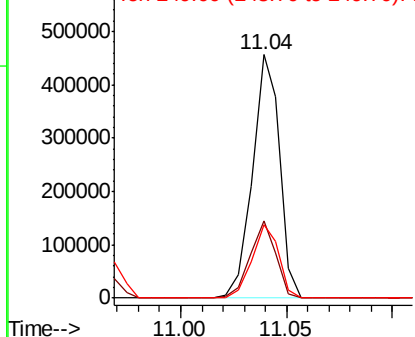


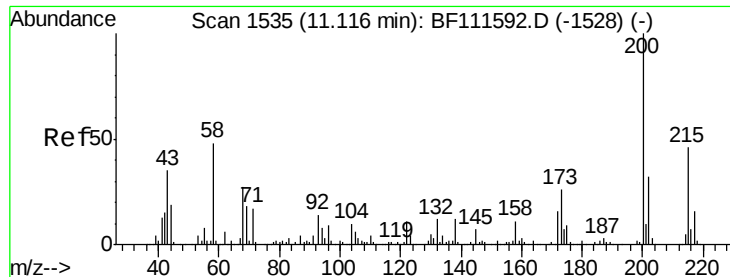
#68
Hexachlorobenzene
Concen: 41.118 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:284 Resp: 406477
Ion Ratio Lower Upper
284 100
142 32.0 27.4 41.2
249 30.4 24.4 36.6



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

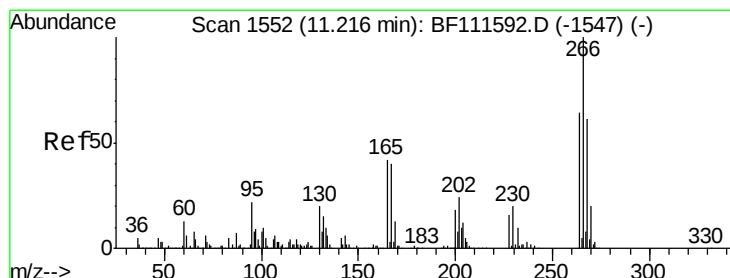
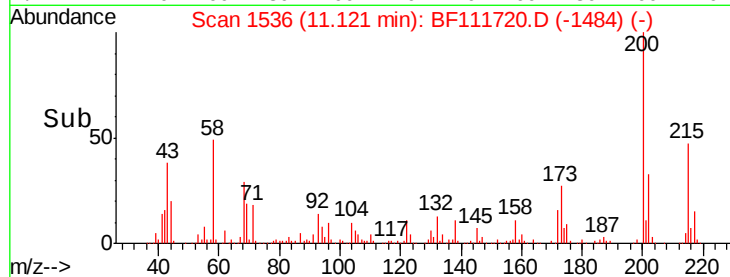
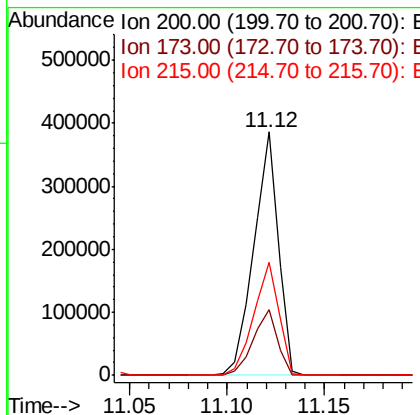
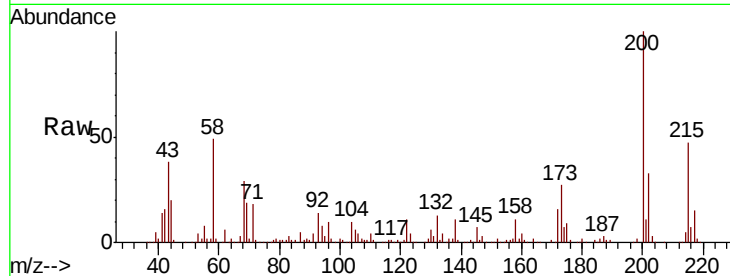




#69
 Atrazine
 Concen: 40.415 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

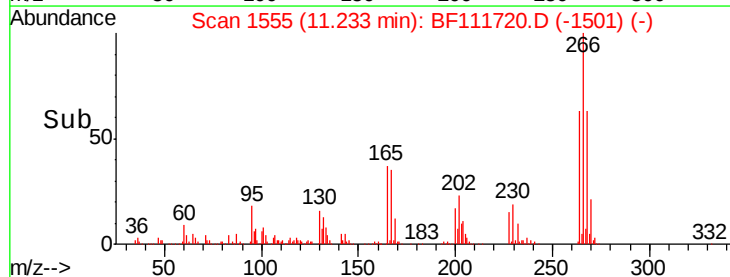
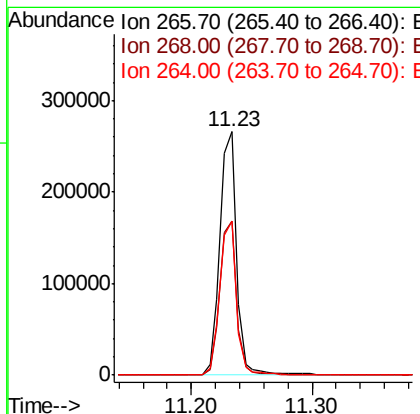
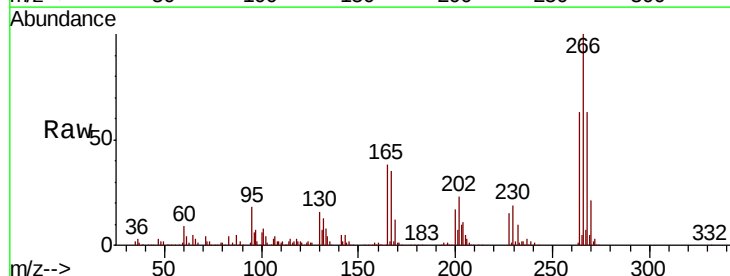
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

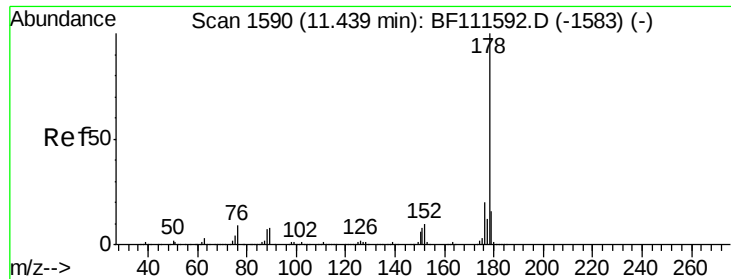
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	10.1	50.1
215	46.5	26.9	66.9



#70
 Pentachlorophenol
 Concen: 41.500 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.02 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	47.9	71.9
264	63.3	49.1	73.7

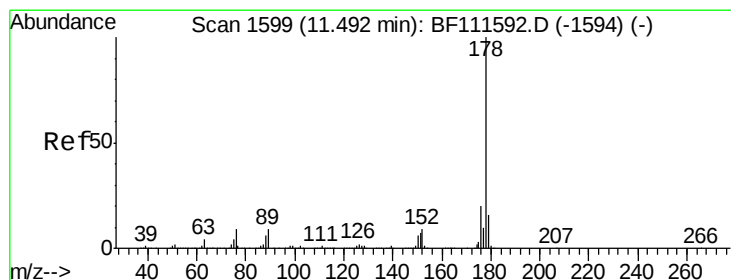
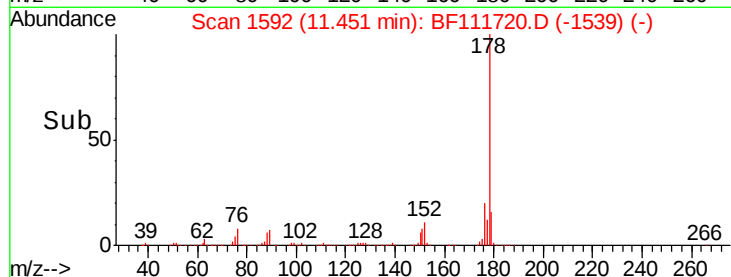
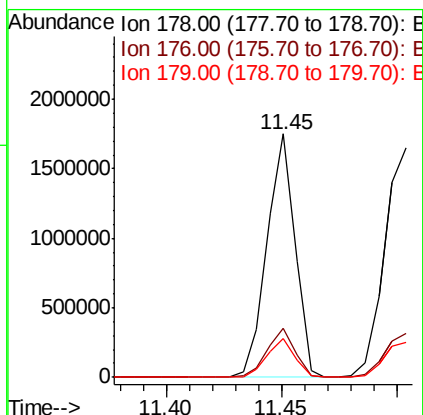
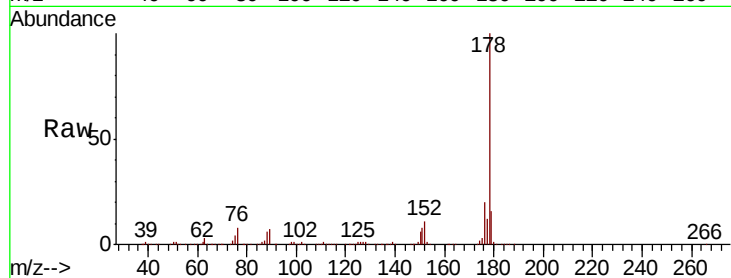




#71
Phenanthrene
Concen: 39.234 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

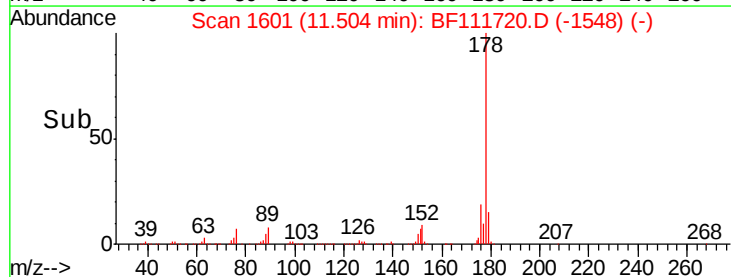
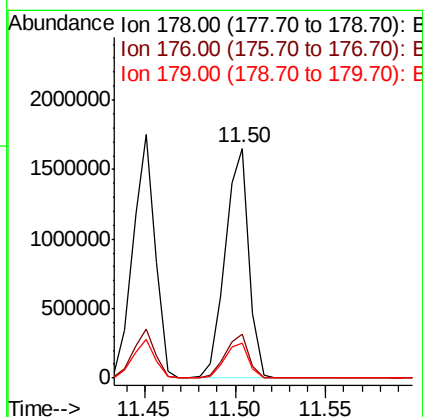
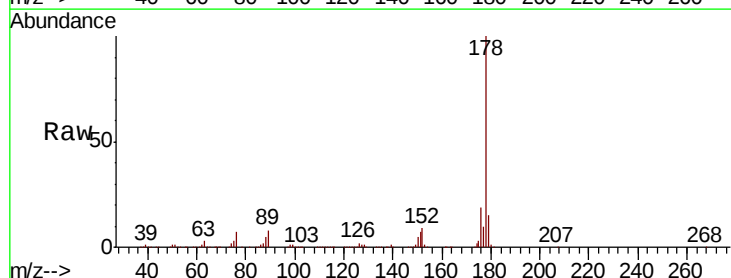
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

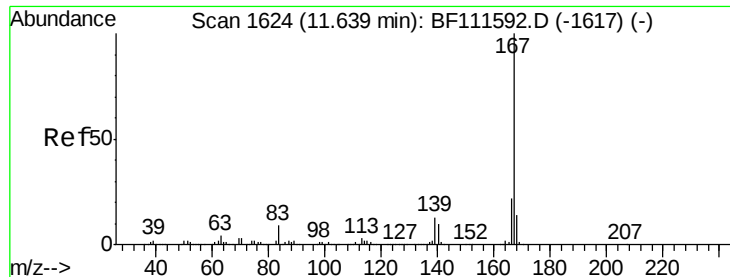
Tot Ion:178 Resp: 1487387
Ion Ratio Lower Upper
178 100
176 20.0 18.1 27.1
179 15.8 14.0 21.0



#72
Anthracene
Concen: 39.374 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:178 Resp: 1498263
Ion Ratio Lower Upper
178 100
176 19.2 17.2 25.8
179 15.4 13.8 20.8



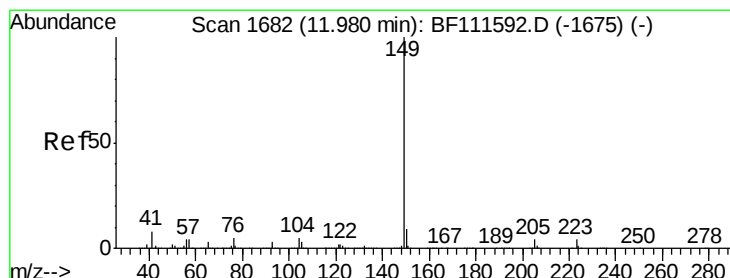
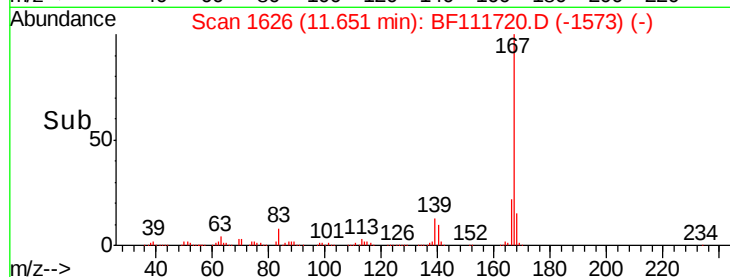
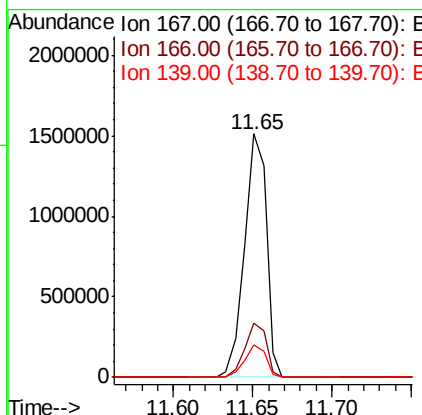
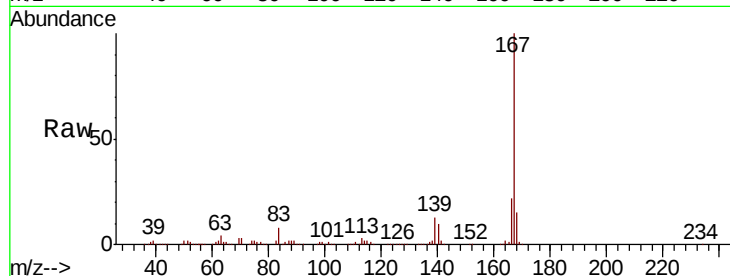


#73
 Carbazole
 Concen: 39.094 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1444283

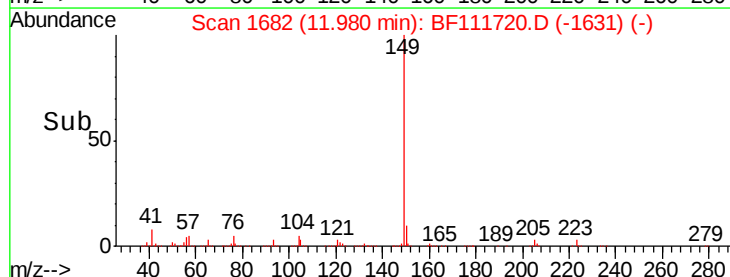
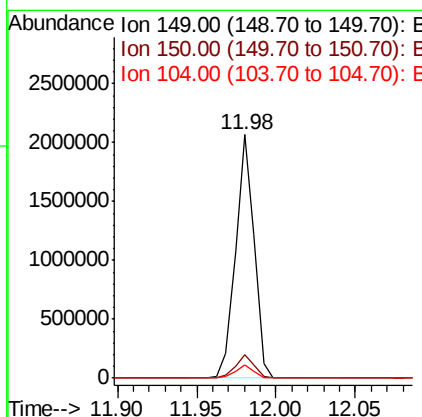
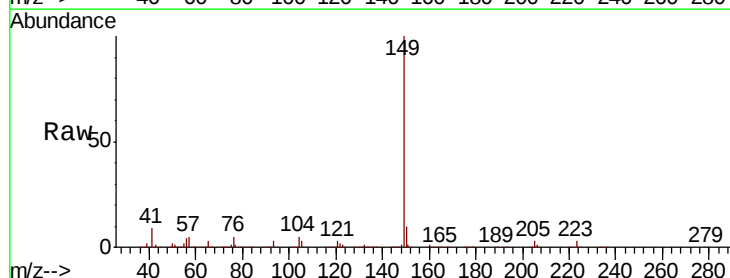
Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.3	28.9
139	13.4	11.9	17.9

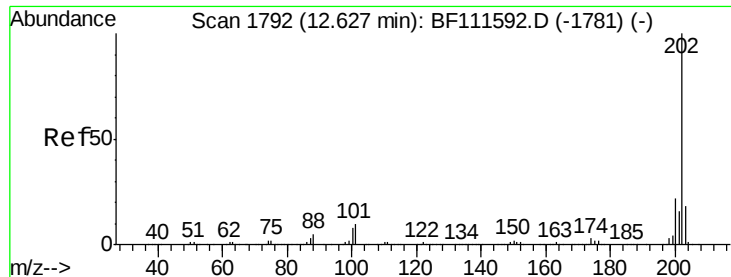


#74
 Di-n-butylphthalate
 Concen: 40.305 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion:149 Resp: 1669482

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.8	13.2
104	5.2	4.5	6.7

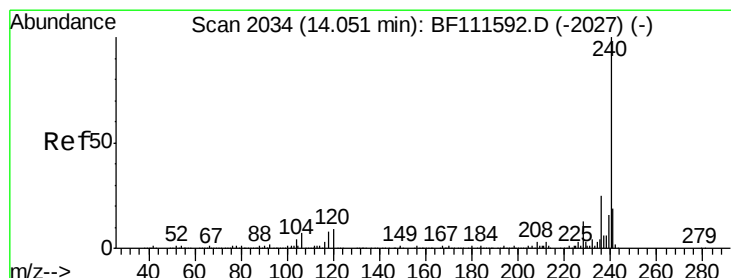
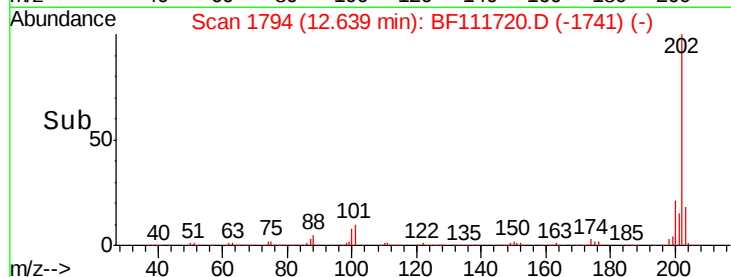
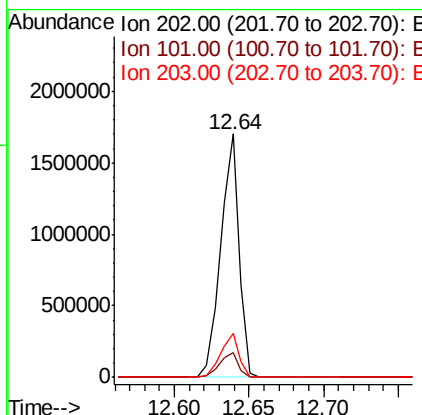
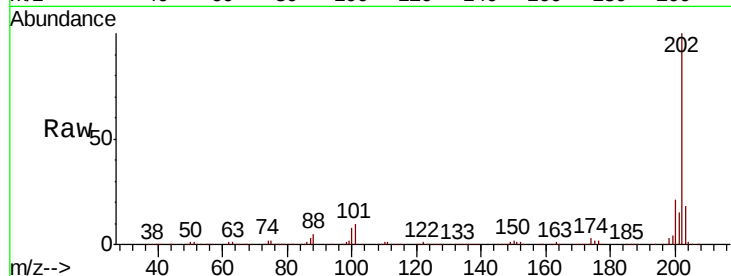




#75
 Fluoranthene
 Concen: 38.444 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

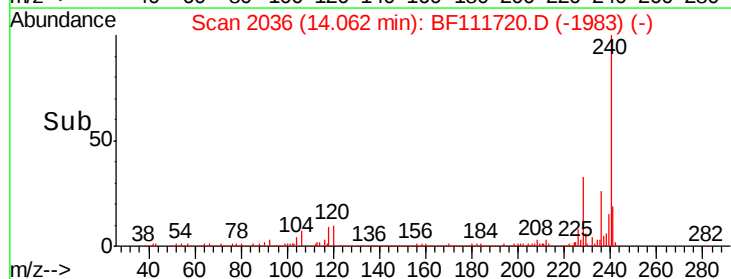
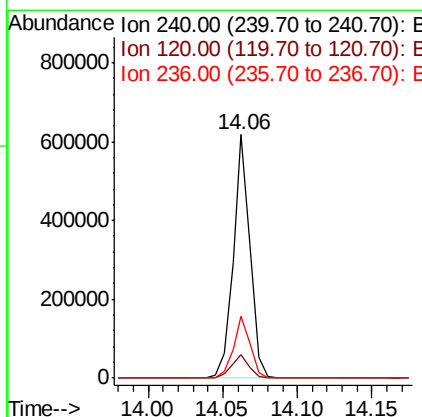
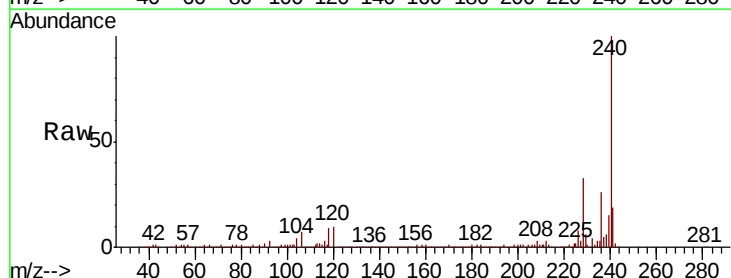
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

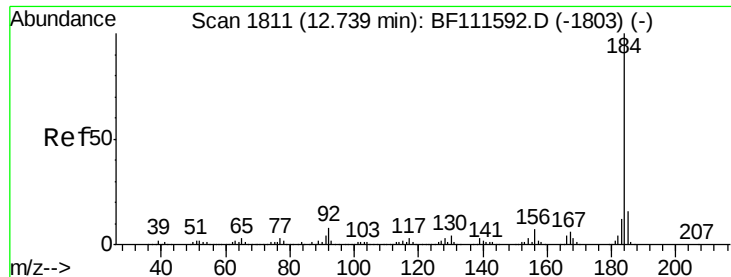
Tot Ion:202 Resp: 1475840
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 33.8
 203 17.9 0.0 38.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion:240 Resp: 487913
 Ion Ratio Lower Upper
 240 100
 120 9.7 12.2 18.2#
 236 25.6 20.2 30.2

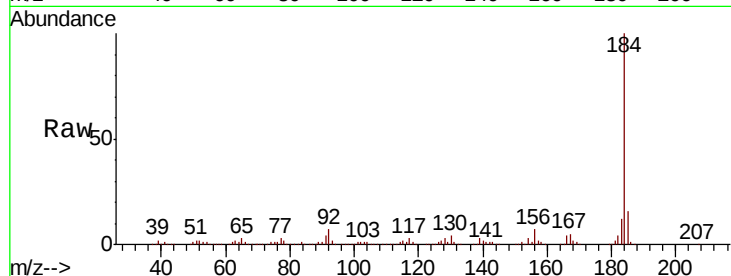




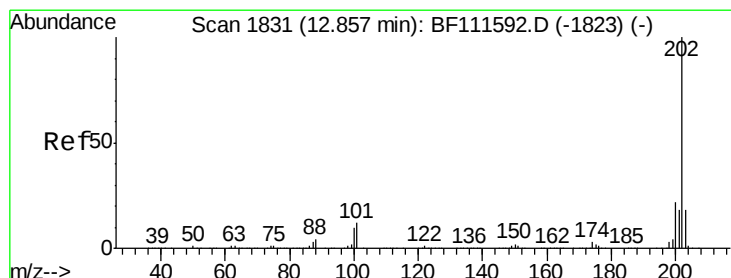
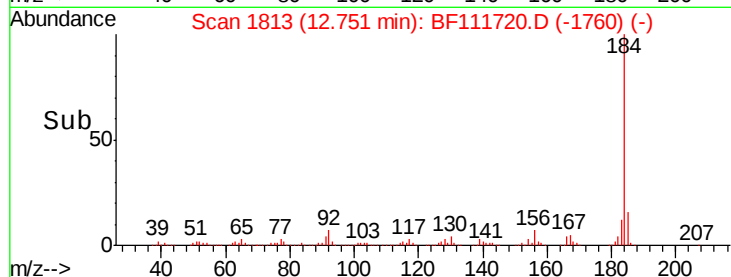
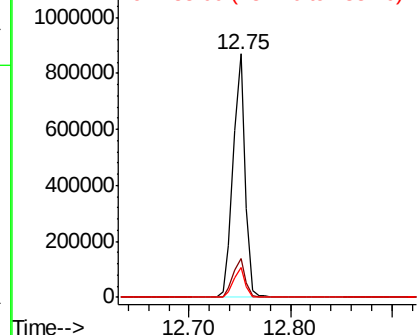
#77
Benzidine
Concen: 39.326 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 722029
Ion Ratio Lower Upper
184 100
185 16.0 13.0 19.6
183 12.1 9.3 13.9

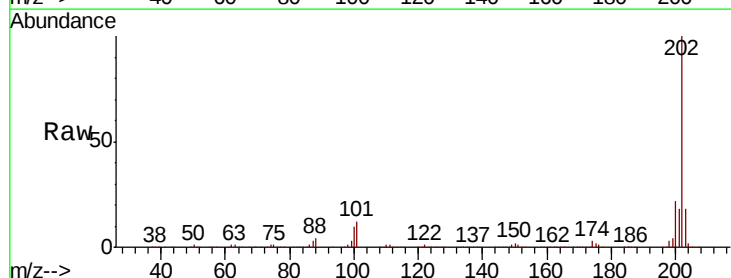


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

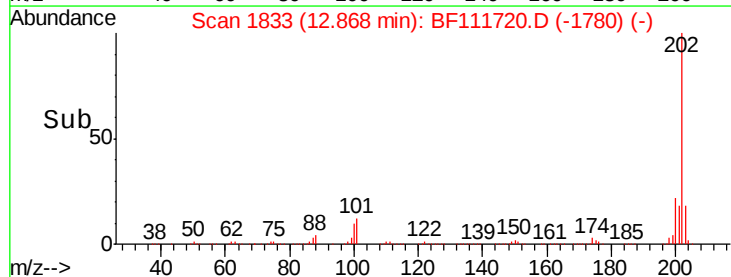
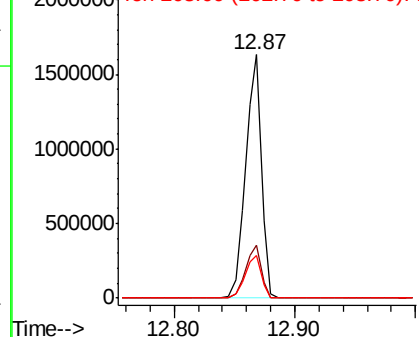


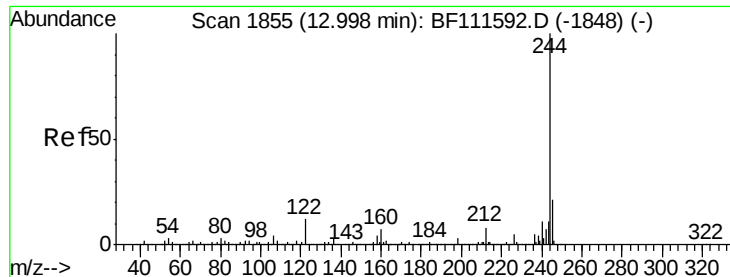
#78
Pyrene
Concen: 43.128 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:202 Resp: 1486003
Ion Ratio Lower Upper
202 100
200 21.9 19.0 28.4
203 17.7 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: 86.241 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

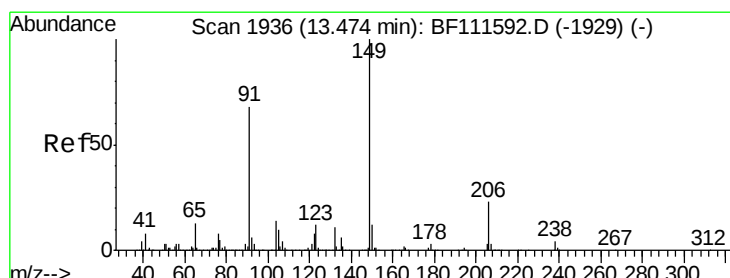
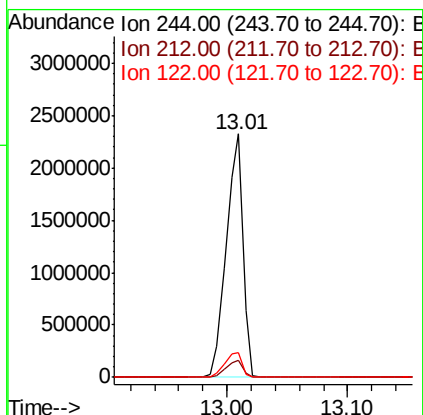
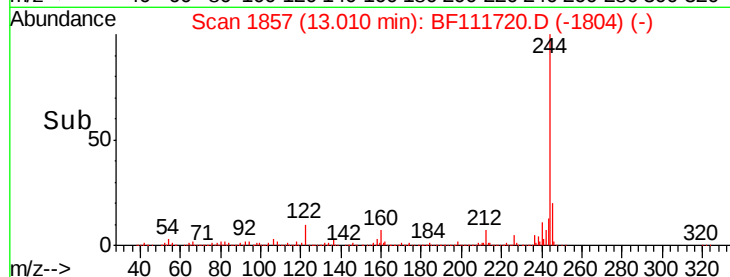
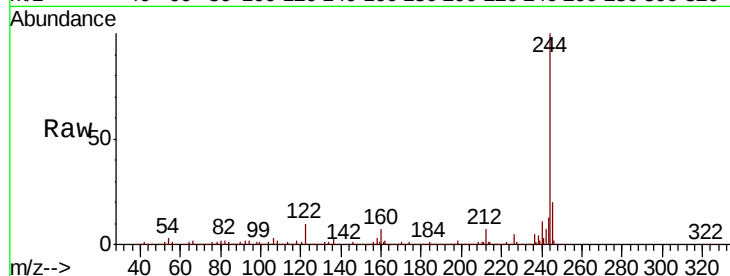
Tot Ion:244 Resp: 2218817

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.1 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 44.329 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

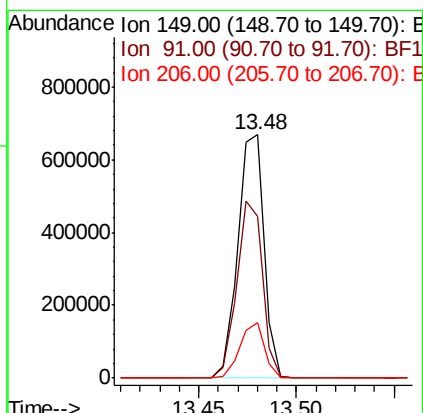
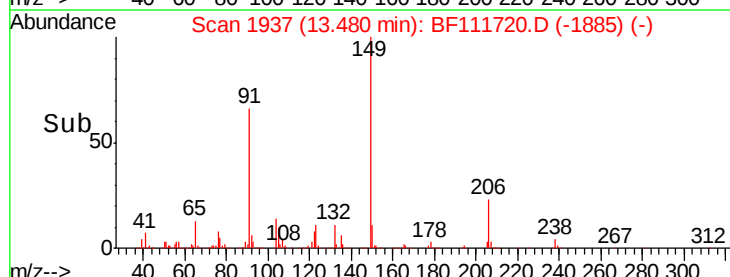
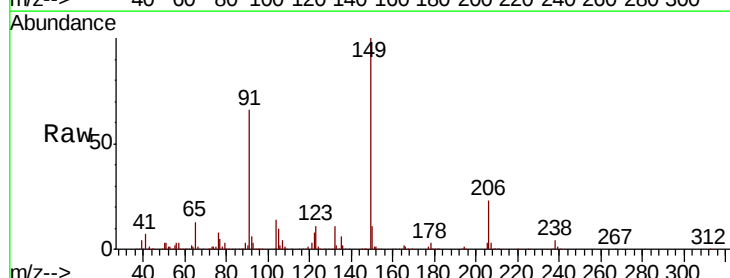
Tgt Ion:149 Resp: 622595

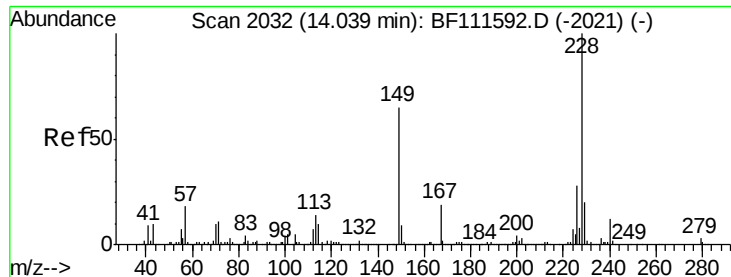
Ion Ratio Lower Upper

149 100

91 66.2 63.8 95.6

206 23.0 15.1 22.7#

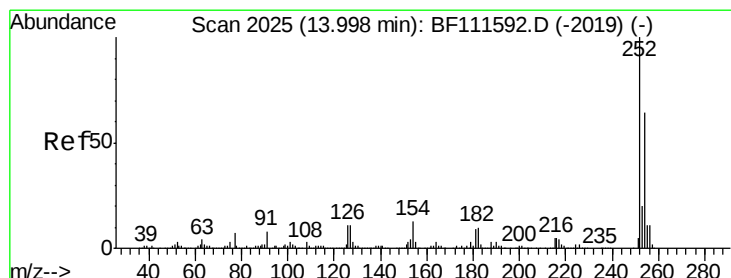
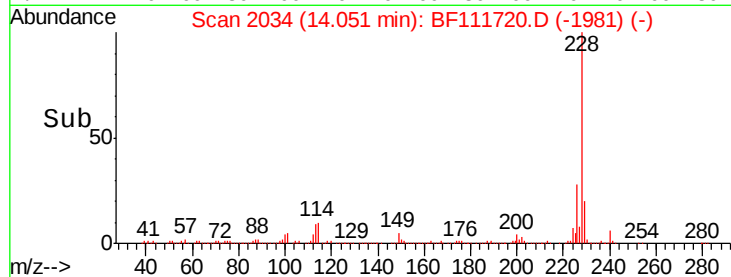
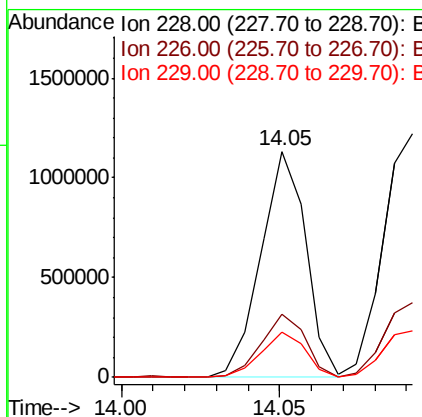
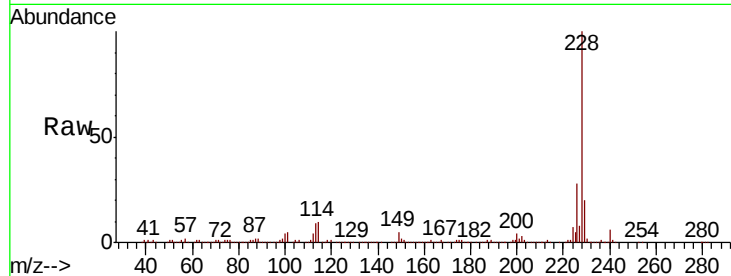




#81
Benzo(a)anthracene
Concen: 40.358 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

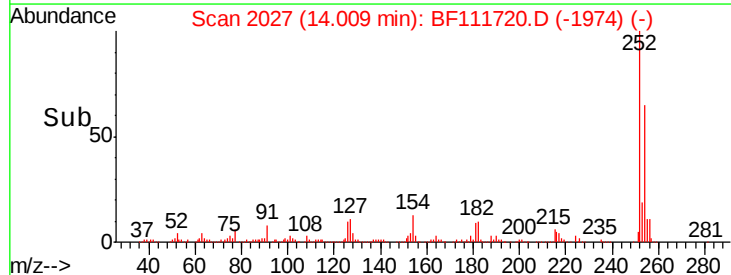
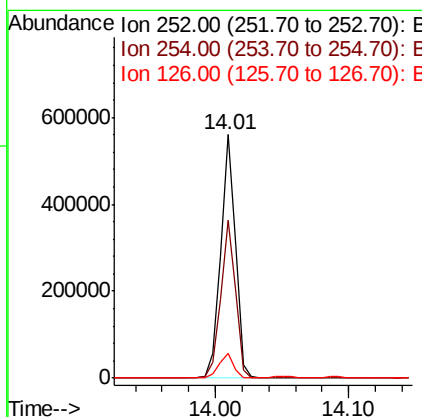
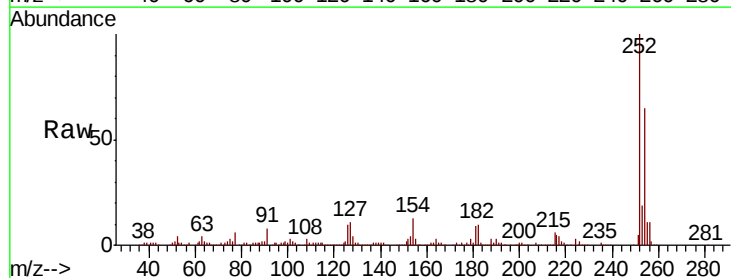
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

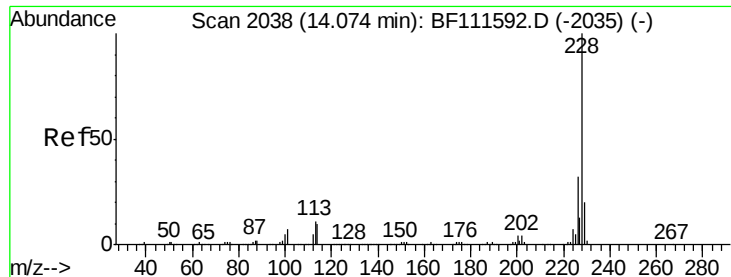
Tot Ion:228 Resp: 1123766
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 39.940 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:252 Resp: 439407
Ion Ratio Lower Upper
252 100
254 64.9 52.7 79.1
126 10.4 11.1 16.7#

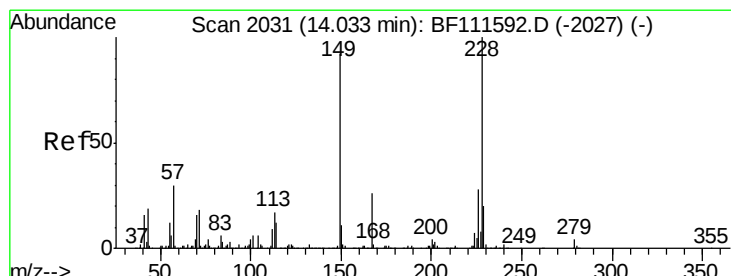
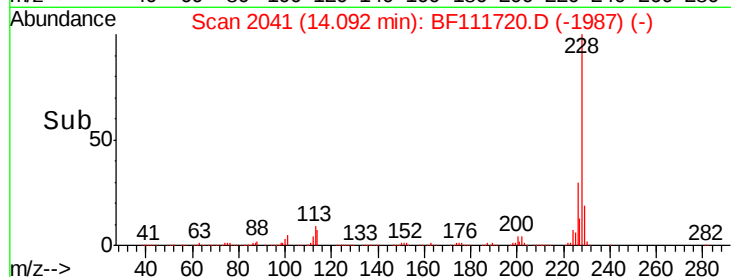
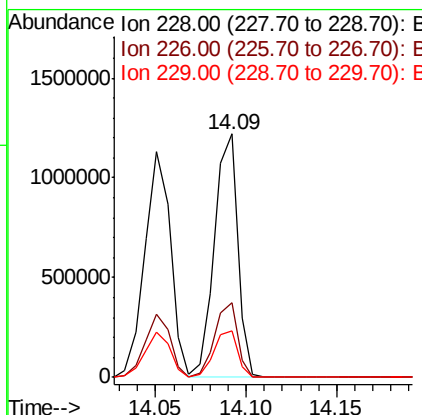
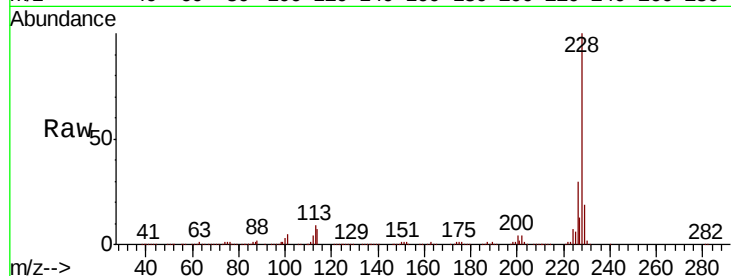




#83
 Chrysene
 Concen: 39.846 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

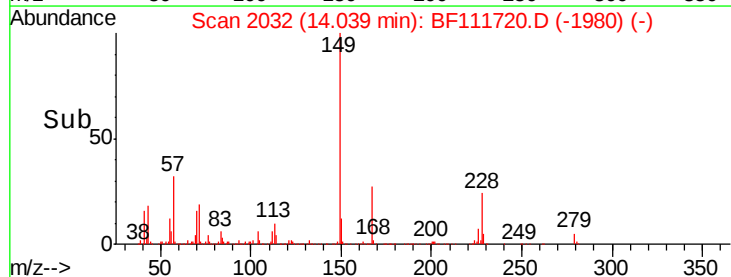
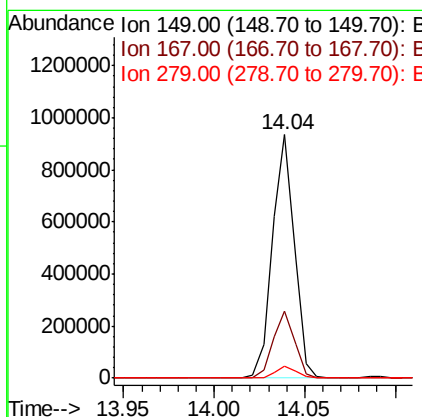
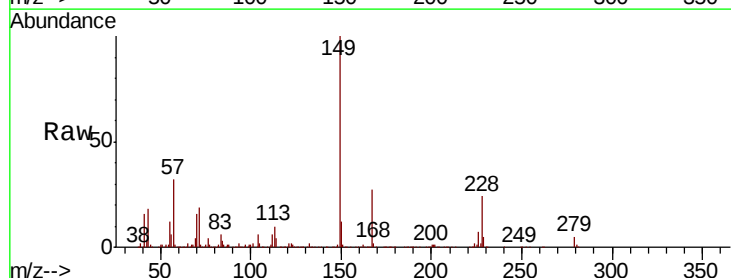
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

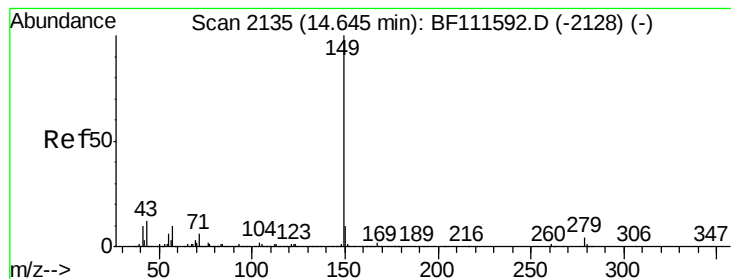
Tot Ion:228 Resp: 1090489
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 19.3 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.149 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111720.D
 Acq: 26 Dec 2018 18:15

Tgt Ion:149 Resp: 781037
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.5 33.7
 279 4.6 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 39.421 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

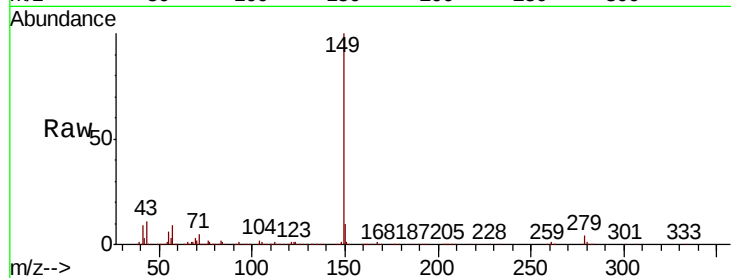
Tot Ion:149 Resp: 1080520

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

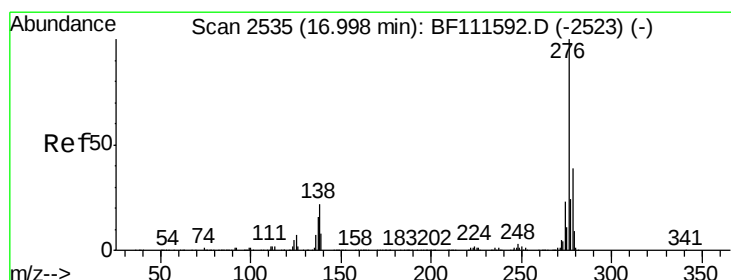
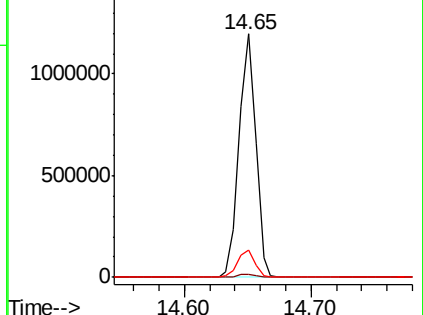
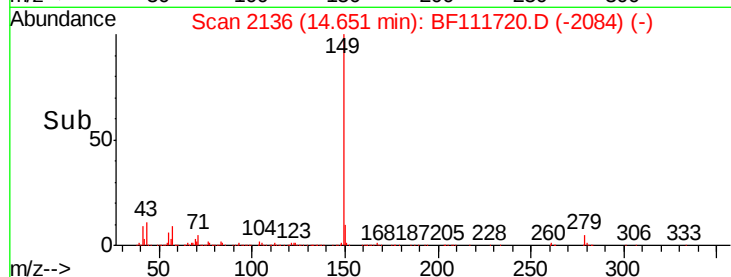
43 11.0 10.9 16.3



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: 38.702 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF111720.D

Acq: 26 Dec 2018 18:15

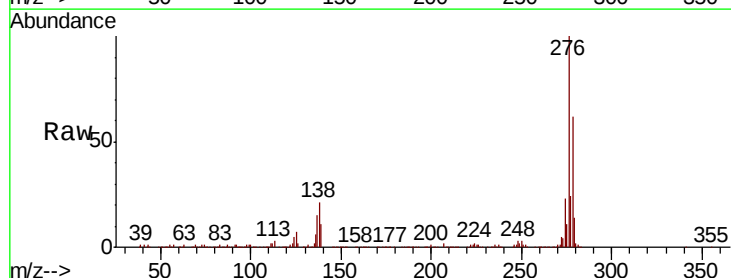
Tgt Ion:276 Resp: 900399

Ion Ratio Lower Upper

276 100

138 22.3 27.8 41.6#

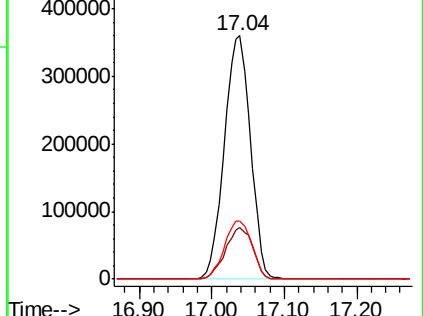
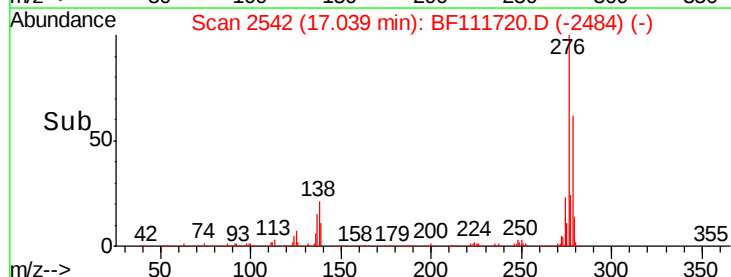
277 25.1 20.1 30.1

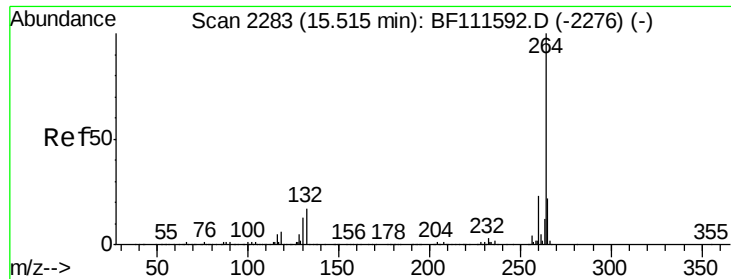


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

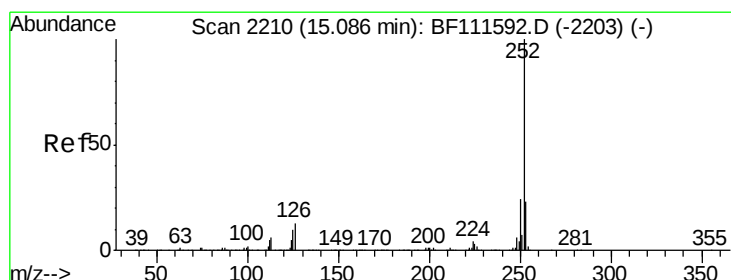
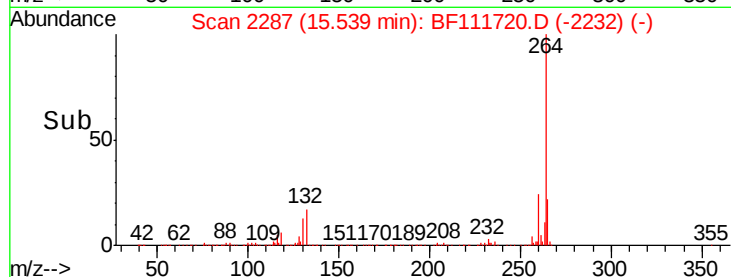
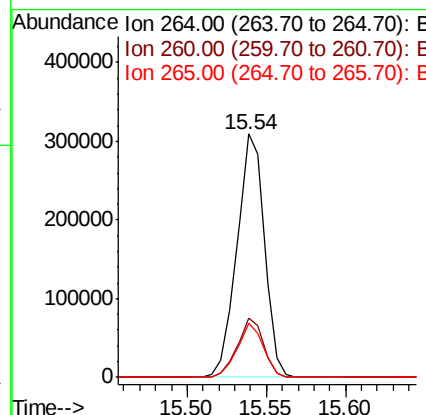
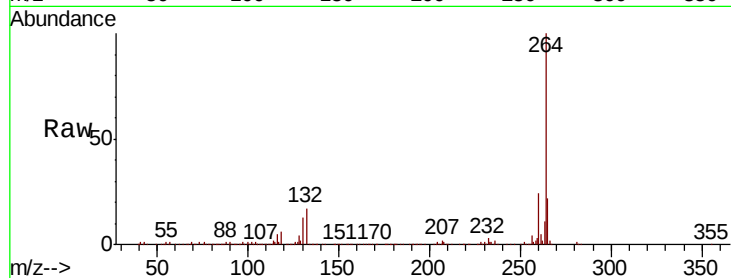




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

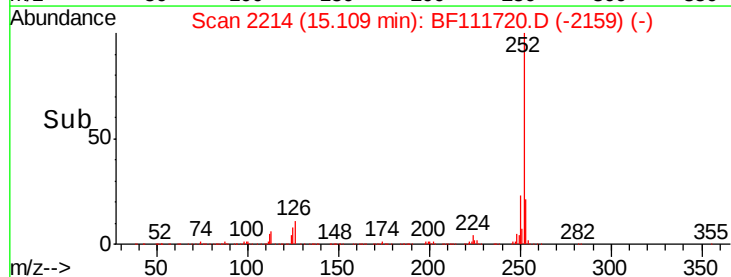
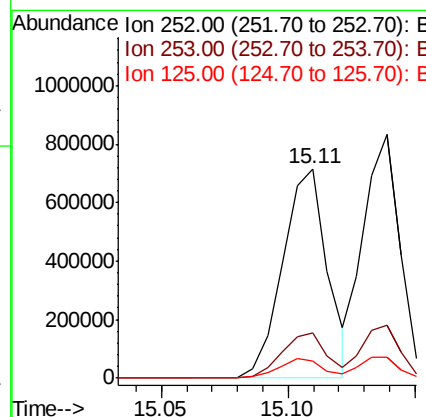
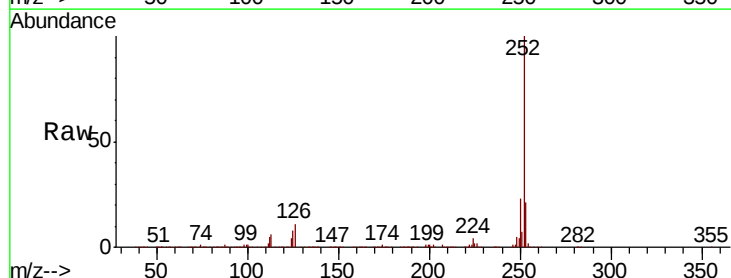
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

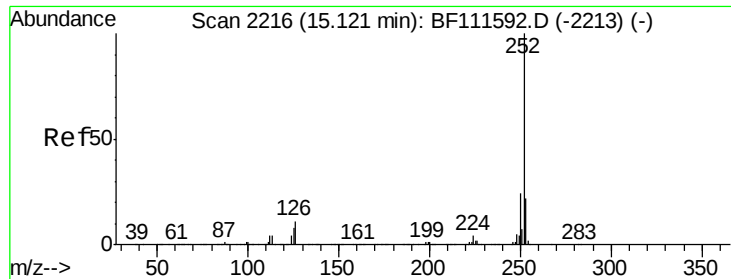
Tot Ion:264 Resp: 370684
Ion Ratio Lower Upper
264 100
260 24.3 18.3 27.5
265 22.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 40.447 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:252 Resp: 876254
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 8.2 10.4 15.6#

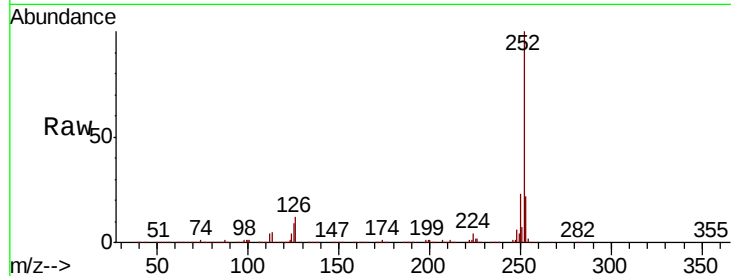




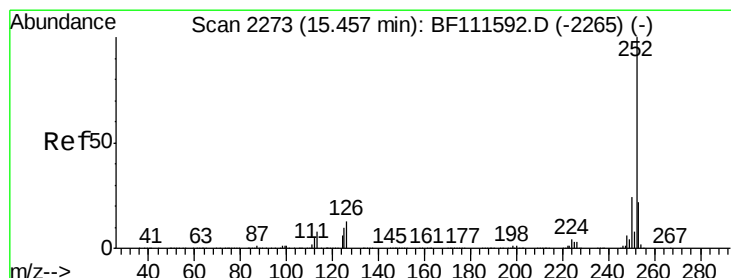
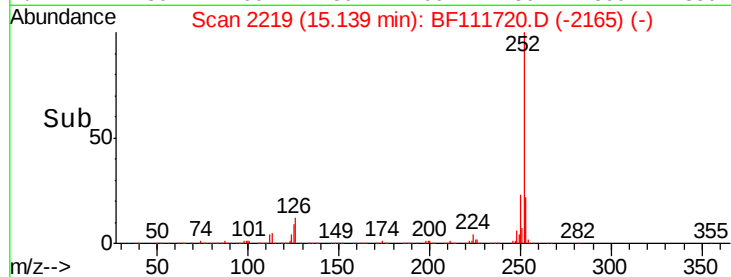
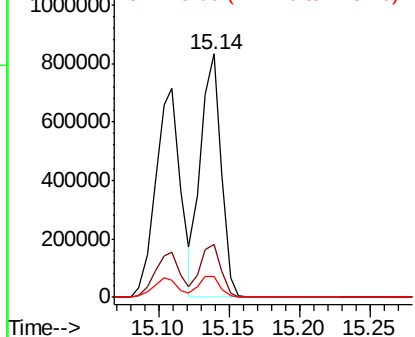
#89
Benzo(k)fluoranthene
Concen: 40.625 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 837888
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 8.8 9.8 14.8#

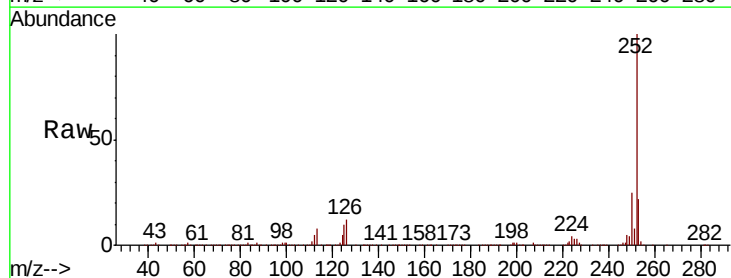


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

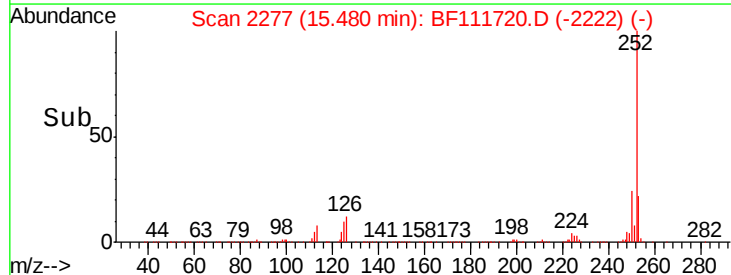
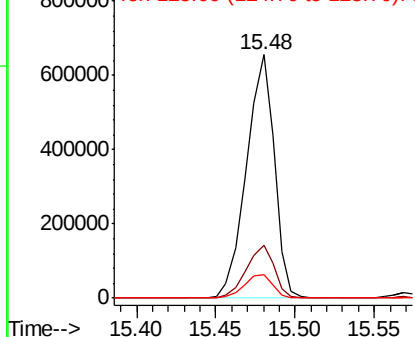


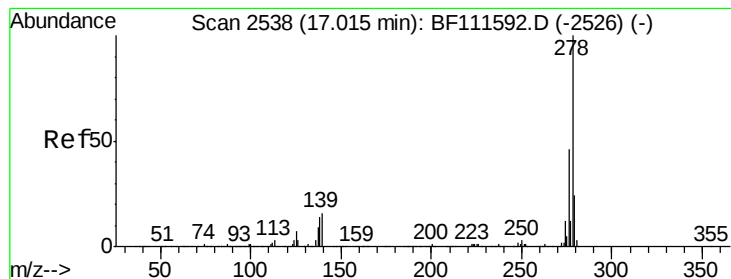
#90
Benzo(a)pyrene
Concen: 40.717 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion:252 Resp: 801403
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 9.8 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

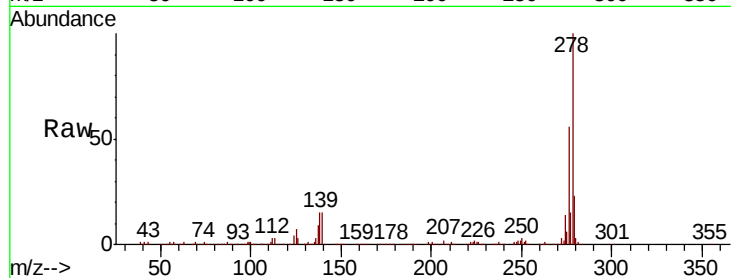




#91
Dibenzo(a,h)anthracene
Concen: 43.930 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	18.2	27.4#
279	23.2	19.0	28.6

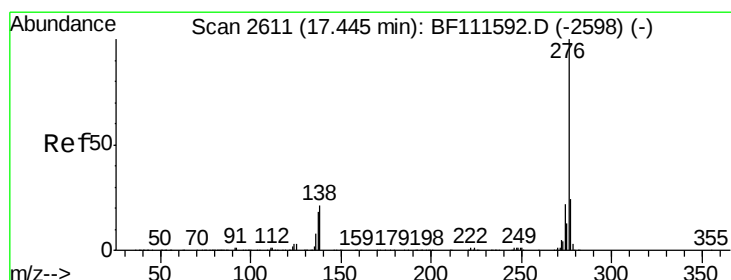
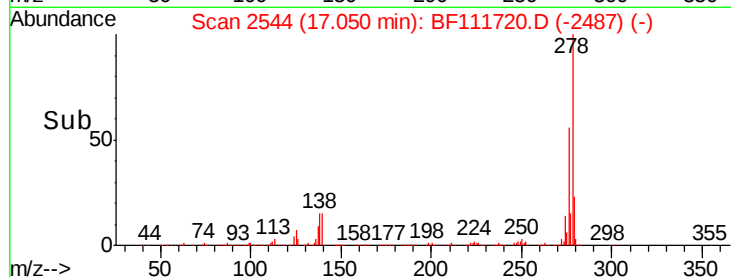
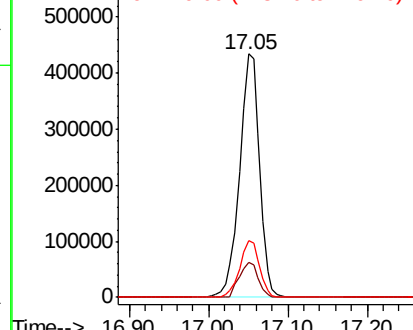


Abundance

Ion 278.00 (277.70 to 278.70): E

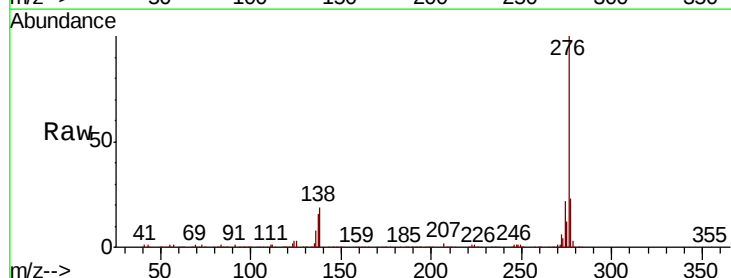
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.553 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.05 min
Lab File: BF111720.D
Acq: 26 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	18.7	24.9	37.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

