

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110290.D
 Acq On : 30 Oct 2018 4:03
 Operator : JU/SJ
 Sample : J5696-02MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:51:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	93792	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	333581	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	130197	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	205551	20.00	ng	0.00
76) Chrysene-d12	14.16	240	131190	20.00	ng	0.00
87) Perylene-d12	15.70	264	99222	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	701394	121.78	ng	0.02
7) Phenol-d6	6.60	99	843942	114.56	ng	0.01
23) Nitrobenzene-d5	7.54	82	504306	89.67	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	124052	96.19	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	751910	90.69	ng	0.00
79) Terphenyl-d14	13.09	244	517709	82.07	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.88	88	80639	26.723	ng	89
3) Pyridine	3.66	79	209738	31.206	ng	# 82
4) n-Nitrosodimethylamine	3.61	42	118233	41.988	ng	89
6) Aniline	6.64	93	101137	10.539	ng	# 59
8) 2-Chlorophenol	6.76	128	235295	35.434	ng	98
9) Benzaldehyde	6.53	77	111325	23.039	ng	90
10) Phenol	6.62	94	313330	39.789	ng	# 68
11) bis(2-Chloroethyl)ether	6.70	93	240199	37.075	ng	93
12) 1,3-Dichlorobenzene	6.92	146	256878	35.152	ng	97
13) 1,4-Dichlorobenzene	6.99	146	258043	34.915	ng	98
14) 1,2-Dichlorobenzene	7.15	146	241855	35.251	ng	99
15) Benzyl Alcohol	7.11	79	196394	34.661	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	346681	33.468	ng	70
17) 2-Methylphenol	7.22	107	181179	34.236	ng	# 82
18) Hexachloroethane	7.48	117	56963	21.052	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	160175	33.891	ng	98
20) 3+4-Methylphenols	7.37	107	227134	33.204	ng	# 63
22) Acetophenone	7.38	105	326486	42.476	ng	96
24) Nitrobenzene	7.56	77	225003	38.751	ng	93
25) Isophorone	7.79	82	416306	43.425	ng	95
26) 2-Nitrophenol	7.87	139	53433	19.338	ng	96
27) 2,4-Dimethylphenol	7.90	122	189117	41.282	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	273153	41.942	ng	99
29) 2,4-Dichlorophenol	8.11	162	166490	35.973	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	199510	38.485	ng	95
31) Naphthalene	8.28	128	625360	40.675	ng	100
32) Benzoic acid	7.96	122	11393	3.218	ng	86
33) 4-Chloroaniline	8.33	127	78463	11.340	ng	97
34) Hexachlorobutadiene	8.39	225	110364	38.342	ng	99
35) Caprolactam	8.69	113	44680	27.698	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	165722	33.113	ng	96
37) 2-Methylnaphthalene	8.97	142	401796	39.500	ng	99
38) 1-Methylnaphthalene	9.07	142	368568	37.494	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	164684	40.596	ng	98

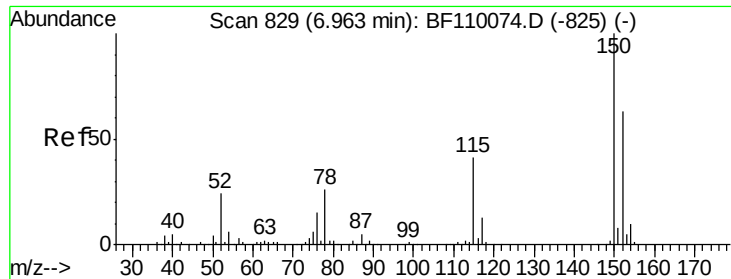
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110290.D
 Acq On : 30 Oct 2018 4:03
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.25	196	98225	37.540	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	97856	35.381	nq	95
46) 1,1'-Biphenyl	9.43	154	463485	39.366	nq	98
47) 2-Chloronaphthalene	9.46	162	340621	39.440	nq	99
48) 2-Nitroaniline	9.56	65	107217	40.968	nq	96
49) Acenaphthylene	9.88	152	501653	40.216	nq	100
50) Dimethylphthalate	9.73	163	535125	55.679	nq	99
51) 2,6-Dinitrotoluene	9.79	165	58663	28.337	nq	99
52) Acenaphthene	10.05	154	304681	36.922	nq	97
53) 3-Nitroaniline	9.97	138	83736	34.013	nq	91
55) Dibenzofuran	10.22	168	427406	36.993	nq	97
56) 4-Nitrophenol	10.13	139	120400	66.079	nq	96
57) 2,4-Dinitrotoluene	10.20	165	61190	23.270	nq	# 82
58) Fluorene	10.57	166	331391	38.539	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	72990	32.378	nq	94
60) Diethylphthalate	10.43	149	374340	39.901	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	161004	35.494	nq	98
62) 4-Nitroaniline	10.58	138	86094	35.161	nq	94
63) Azobenzene	10.72	77	310696	33.364	nq	96
66) n-Nitrosodiphenylamine	10.67	169	286017	42.423	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	88374	39.636	nq	93
68) Hexachlorobenzene	11.12	284	88676	37.484	nq	# 91
69) Atrazine	11.19	200	60153	28.232	nq	97
70) Pentachlorophenol	11.31	266	68662	49.774	nq	97
71) Phenanthrene	11.53	178	520088	48.356	nq	99
72) Anthracene	11.59	178	471860	43.770	nq	98
73) Carbazole	11.74	167	407997	38.761	nq	99
74) Di-n-butylphthalate	12.06	149	502236	42.247	nq	98
75) Fluoranthene	12.73	202	645677	59.152	nq	98
78) Pyrene	12.96	202	604669	64.291	nq	98
80) Butylbenzylphthalate	13.56	149	213605	52.325	nq	100
81) Benzo(a)anthracene	14.15	228	415268	53.377	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	48644	17.956	nq	99
83) Chrysene	14.19	228	393204	53.212	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	407731	73.886	nq	96
85) Di-n-octyl phthalate	14.73	149	403626	47.039	nq	# 96
86) Indeno(1,2,3-cd)pyrene	17.28	276	271099	44.224	nq	98
88) Benzo(b)fluoranthene	15.24	252	363393	63.423	nq	97
89) Benzo(k)fluoranthene	15.27	252	262731	46.642	nq	# 96
90) Benzo(a)pyrene	15.63	252	301322	57.152	nq	97
91) Dibenzo(a,h)anthracene	17.29	278	186739	41.049	nq	98
92) Benzo(g,h,i)perylene	17.76	276	222101	49.545	nq	100

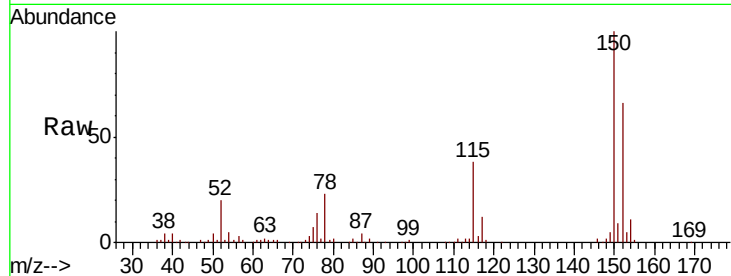
(#) = qualifier out of range (m) = manual integration (+) = signals summed



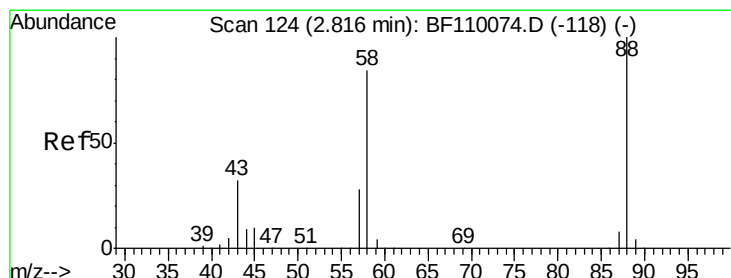
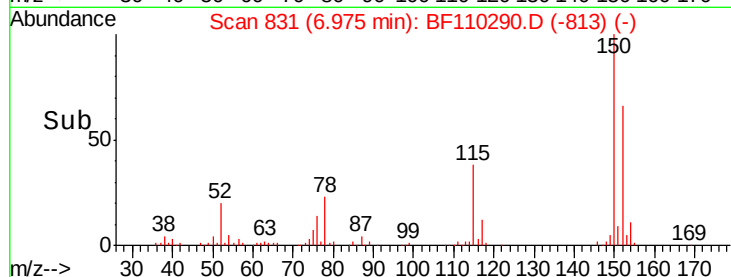
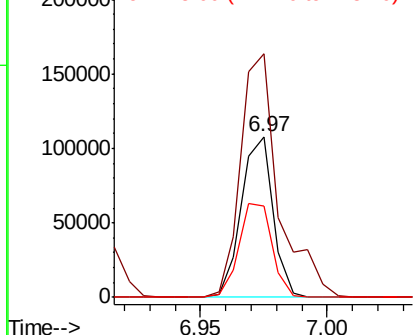
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 93792
 Ion Ratio Lower Upper
 152 100
 150 151.6 122.7 184.1
 115 57.0 49.1 73.7

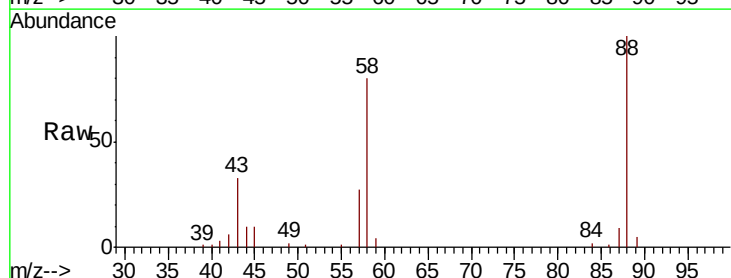


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

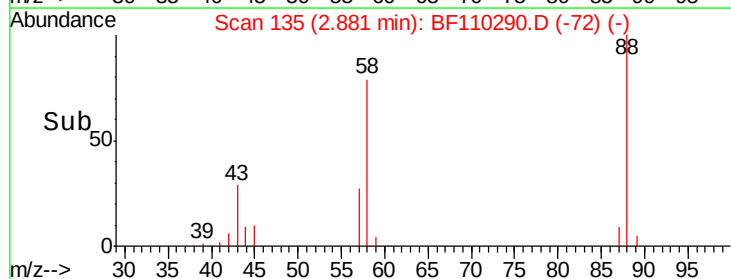
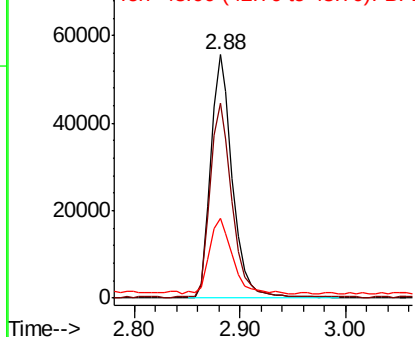


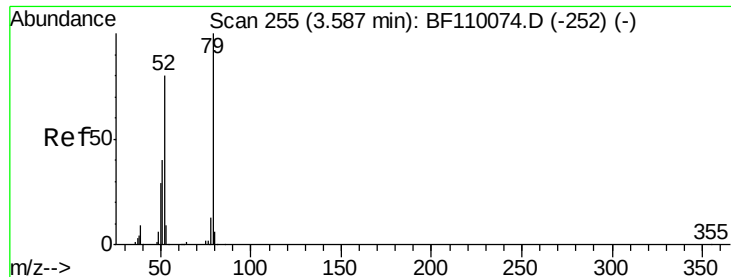
#2
 1,4-Dioxane
 Concen: 26.723 ng
 RT: 2.88 min Scan# 135
 Delta R.T. 0.07 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion: 88 Resp: 80639
 Ion Ratio Lower Upper
 88 100
 58 82.7 57.1 85.7
 43 32.7 24.1 36.1



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: 31.206 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.07 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

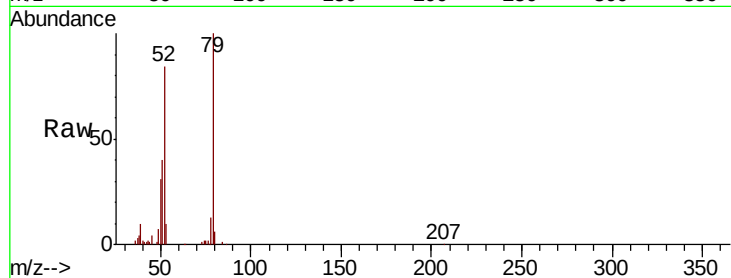
Tot Ion: 79 Resp: 209738

Ion Ratio Lower Upper

79 100

52 83.5 53.1 79.7#

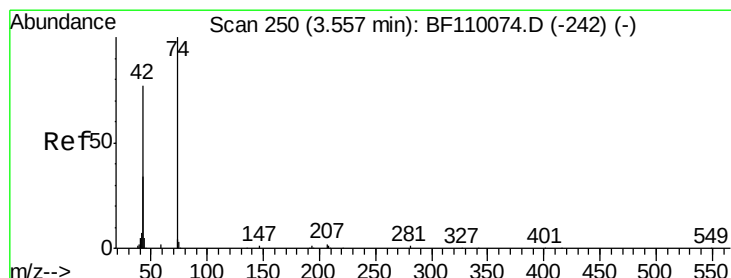
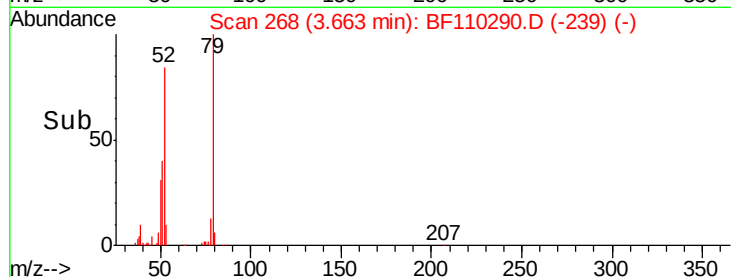
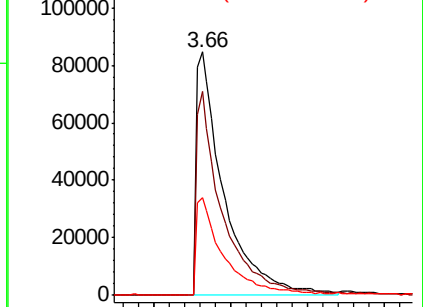
51 40.2 27.4 41.2



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: 41.988 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

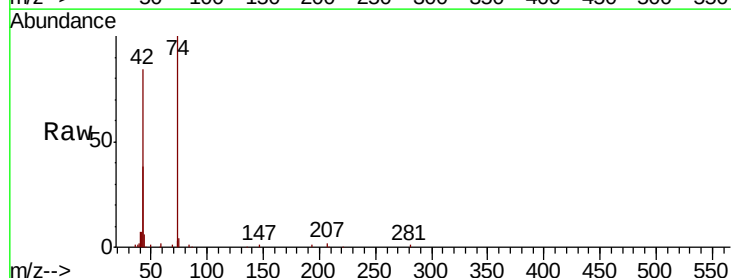
Tgt Ion: 42 Resp: 118233

Ion Ratio Lower Upper

42 100

74 118.5 105.5 158.3

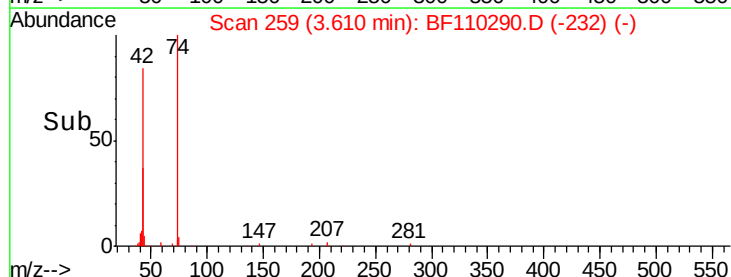
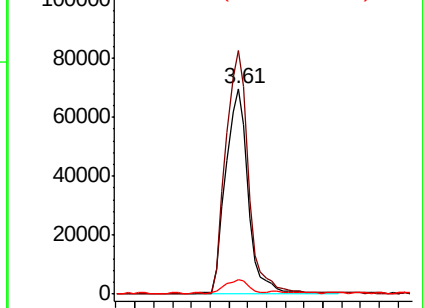
44 7.0 4.9 7.3

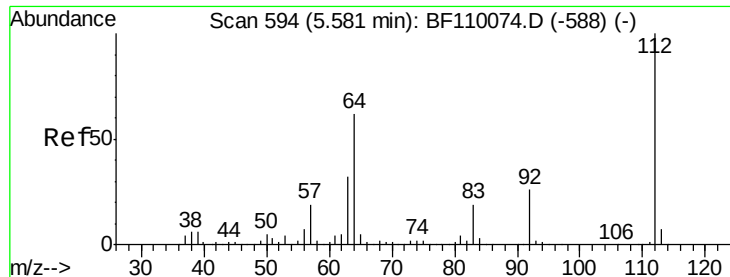


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.779 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF110290.D

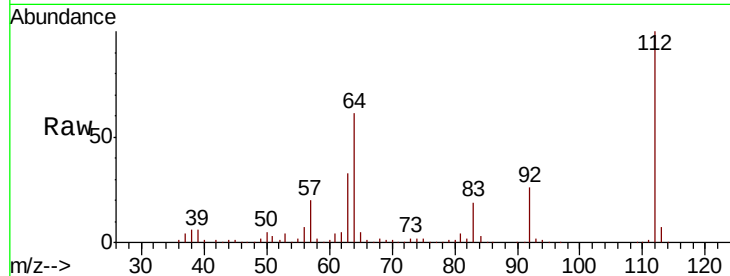
Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	701394
Ion	Ratio	Lower	Upper
112	100		
64	61.1	44.1	66.1
63	32.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.60

800000

600000

400000

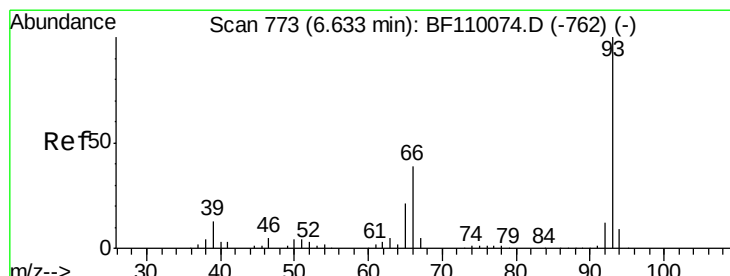
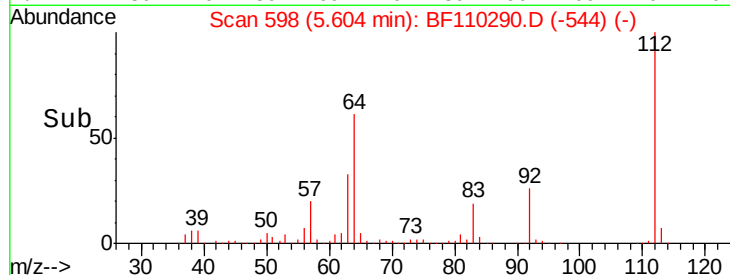
200000

0

5.60

5.70

Time-->



#6

Aniline

Concen: 10.539 ng

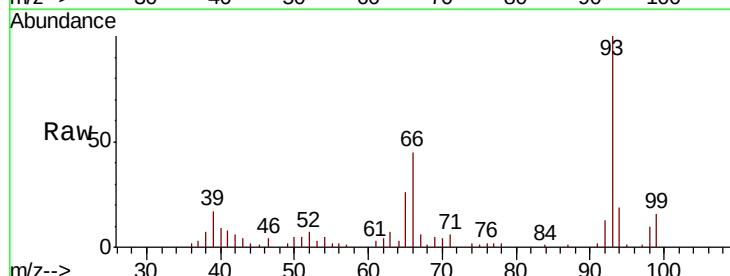
RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	93	Resp:	101137
Ion	Ratio	Lower	Upper
93	100		
66	44.6	67.4	101.0#
65	26.1	41.0	61.4#



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

6.64

300000

200000

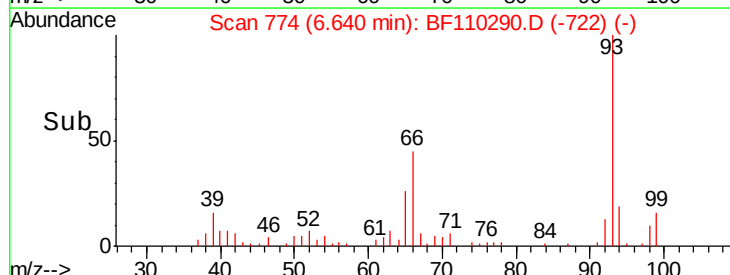
100000

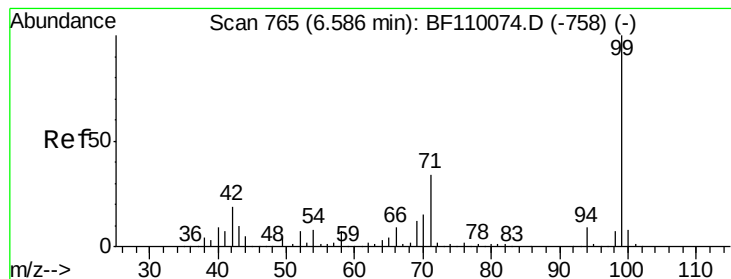
0

6.64

6.70

Time-->





#7

Phenol-d6

Concen: 114.558 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

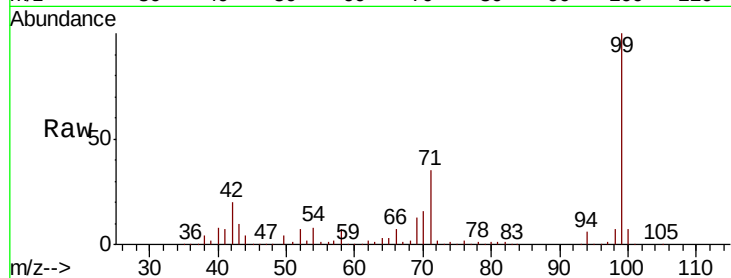
Tot Ion: 99 Resp: 843942

Ion Ratio Lower Upper

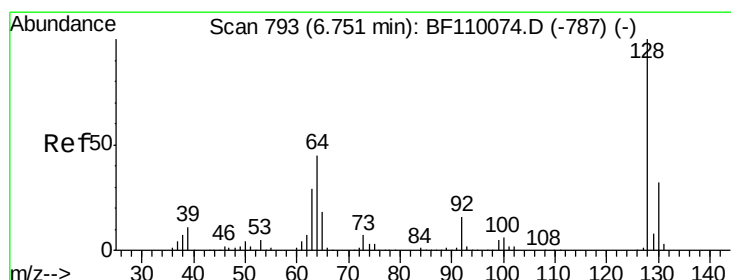
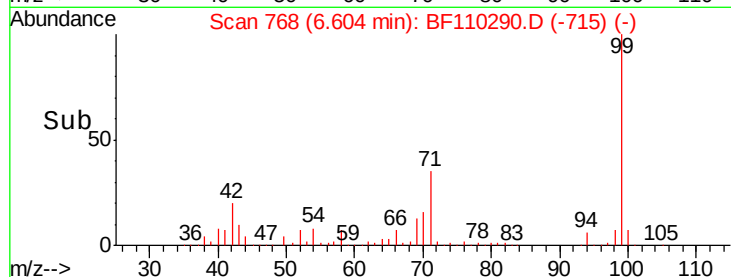
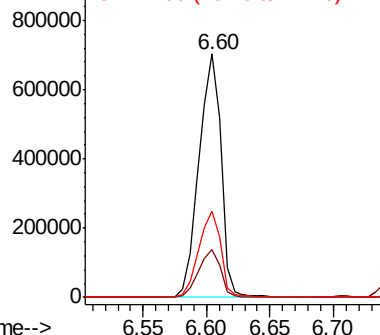
99 100

42 19.8 15.8 23.6

71 35.5 28.0 42.0



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: 35.434 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

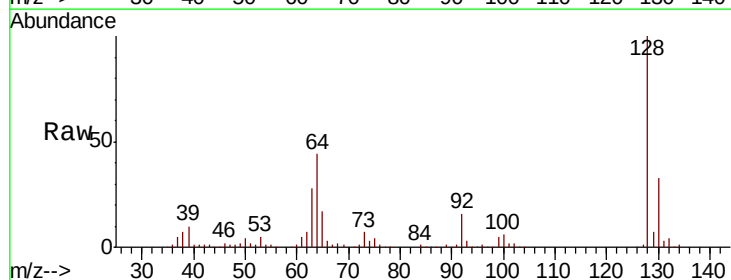
Tgt Ion: 128 Resp: 235295

Ion Ratio Lower Upper

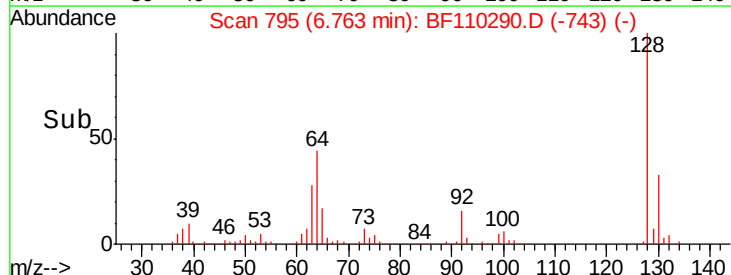
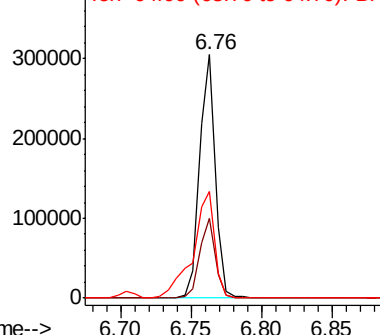
128 100

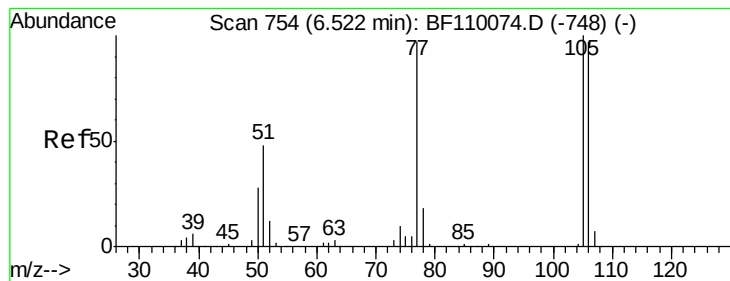
130 32.6 13.1 53.1

64 43.8 26.0 66.0



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: 23.039 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

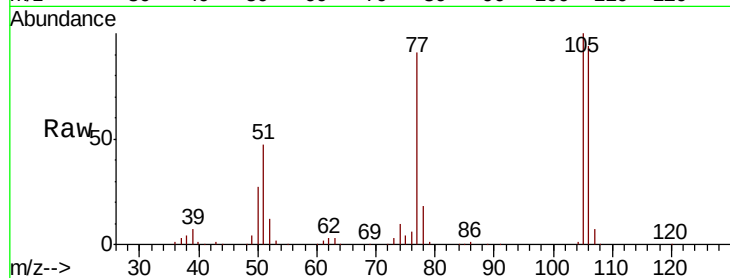
Tot Ion: 77 Resp: 111325

Ion Ratio Lower Upper

77 100

105 110.0 78.6 118.6

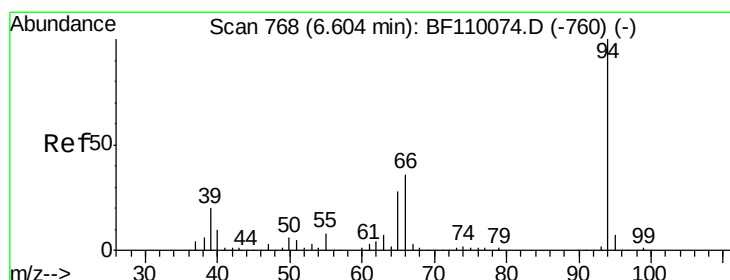
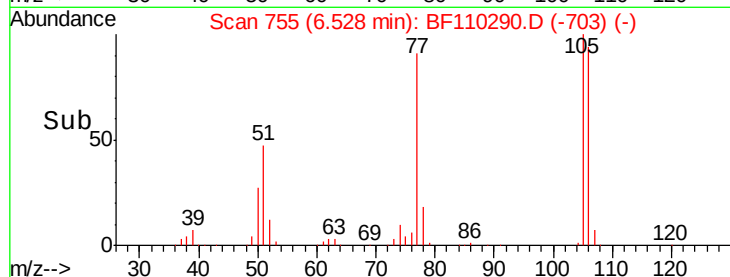
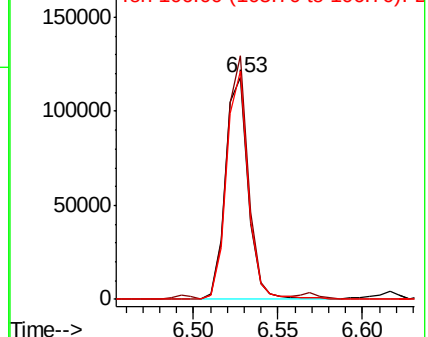
106 102.8 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.789 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

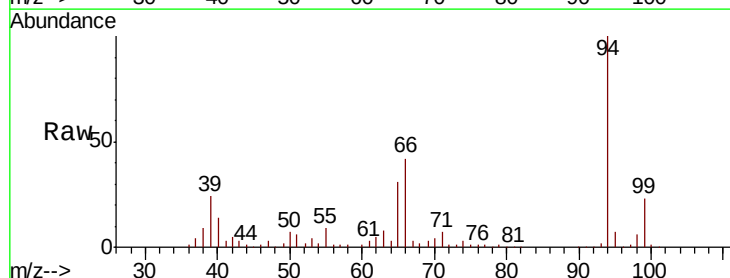
Tgt Ion: 94 Resp: 313330

Ion Ratio Lower Upper

94 100

65 31.2 25.3 65.3

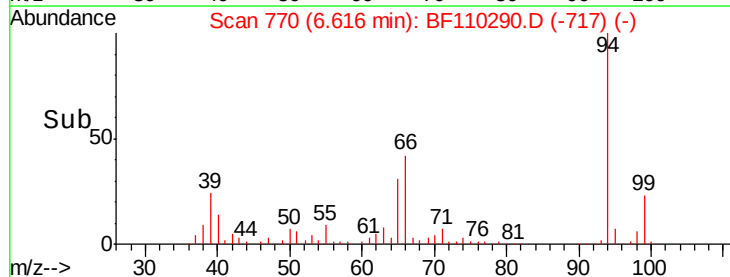
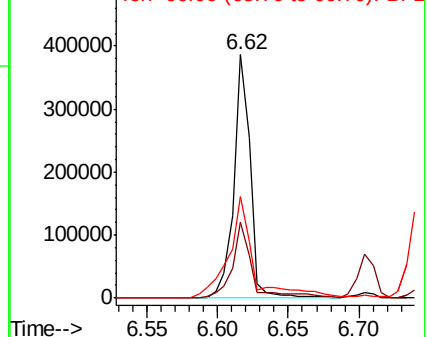
66 41.7 54.5 94.5#

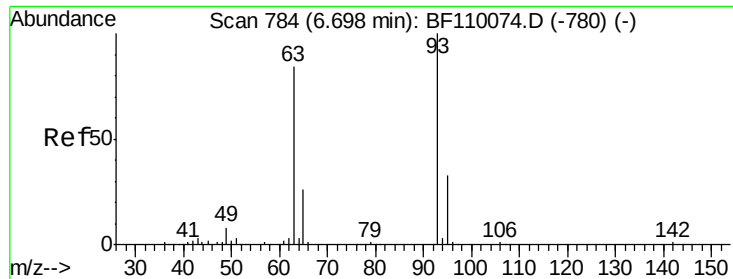


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

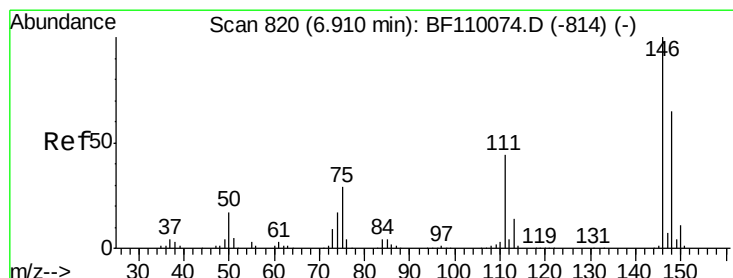
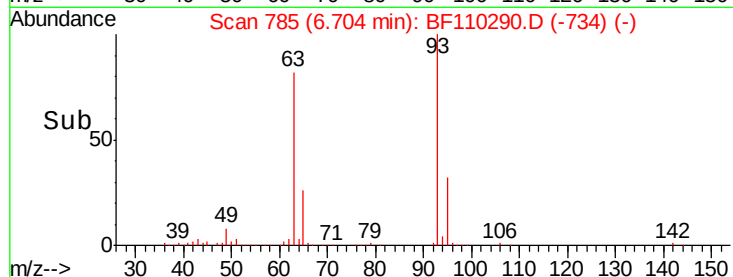
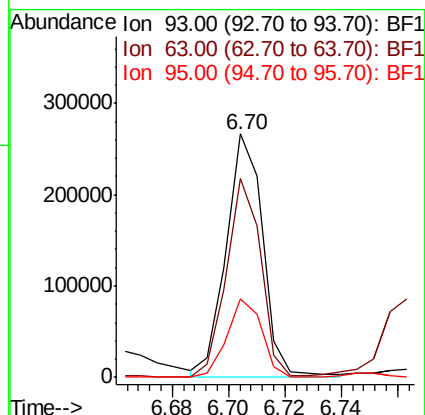
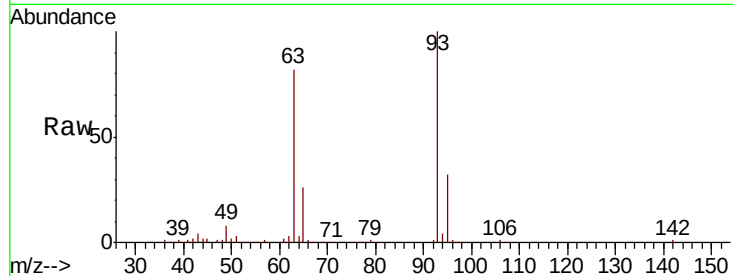




#11
bis(2-Chloroethyl)ether
Concen: 37.075 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

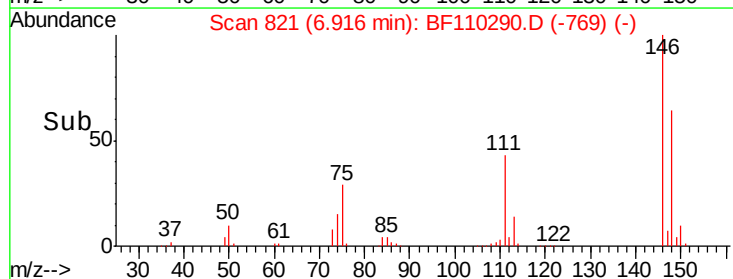
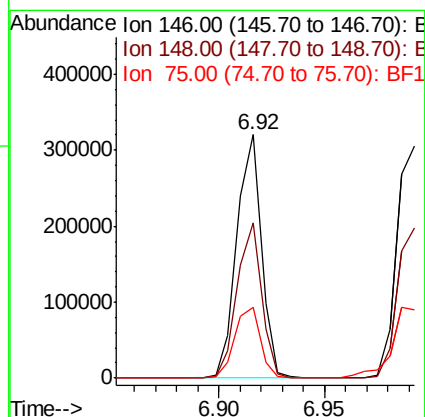
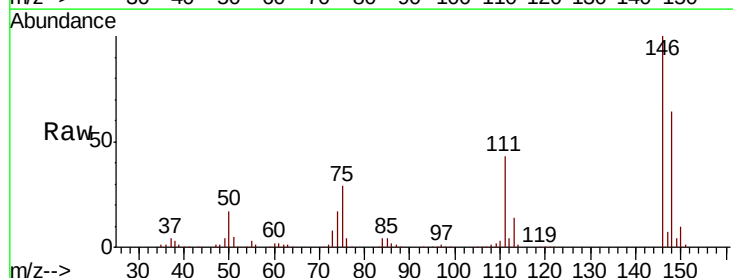
Instrument :
BNA_F
ClientSampleId :

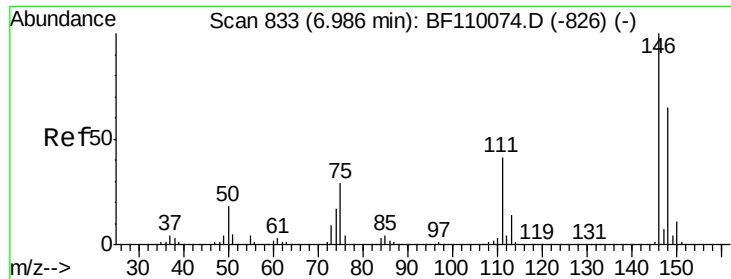
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.7	53.4	93.4
95	32.3	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 35.152 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	29.3	25.8	38.6

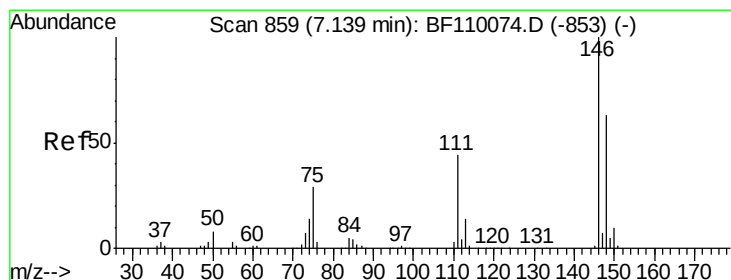
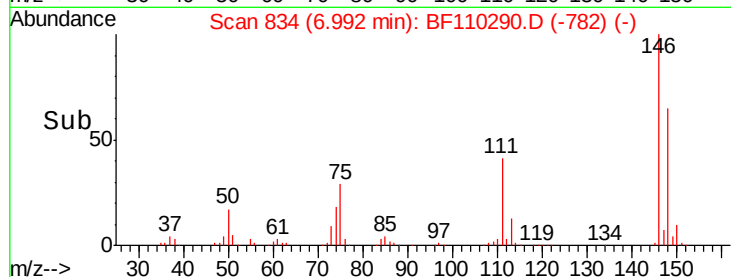
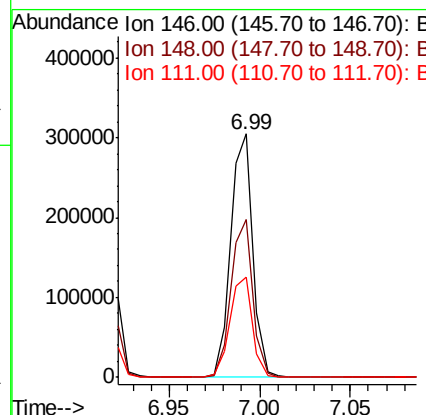
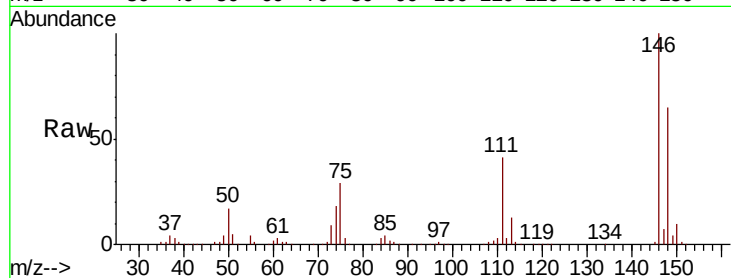




#13
 1,4-Dichlorobenzene
 Concen: 34.915 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

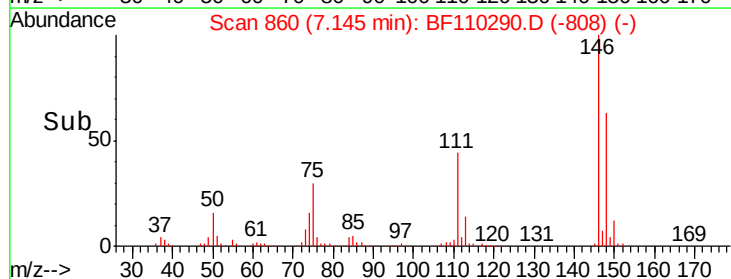
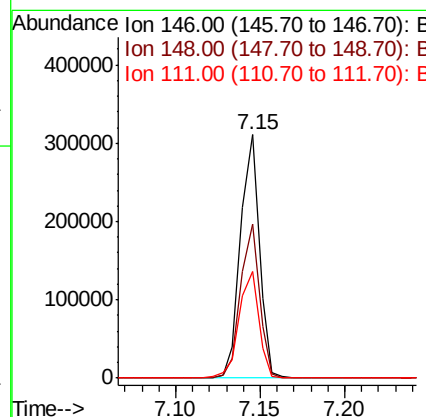
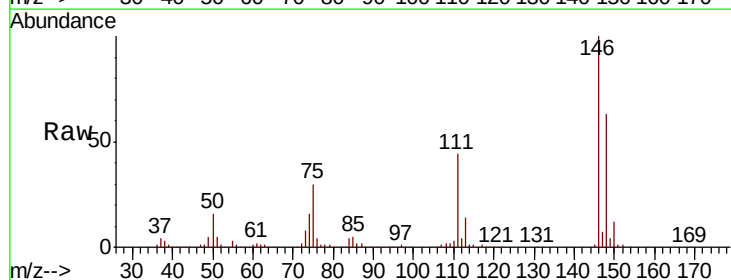
Instrument :
 BNA_F
 ClientSampleId :

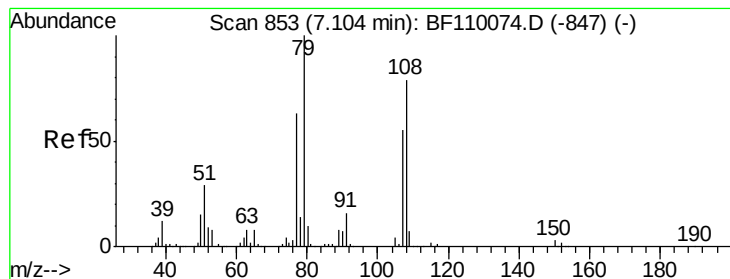
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
111	40.9	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 35.251 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	43.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 34.661 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampled :

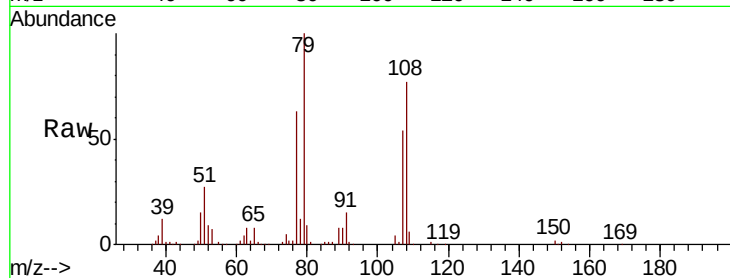
Tot Ion: 79 Resp: 196394

Ion Ratio Lower Upper

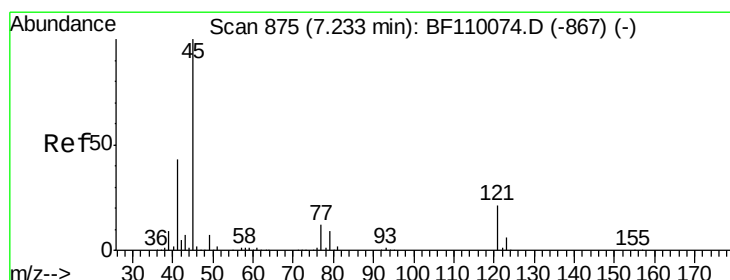
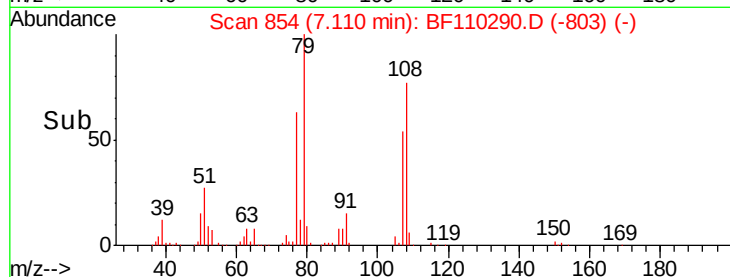
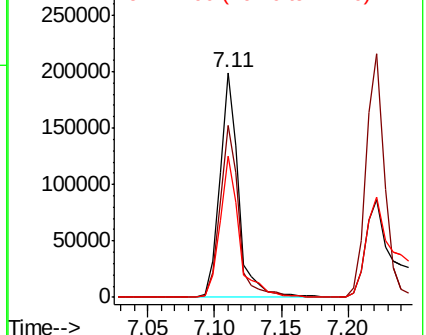
79 100

108 76.9 56.3 84.5

77 62.7 52.9 79.3



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: 33.468 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

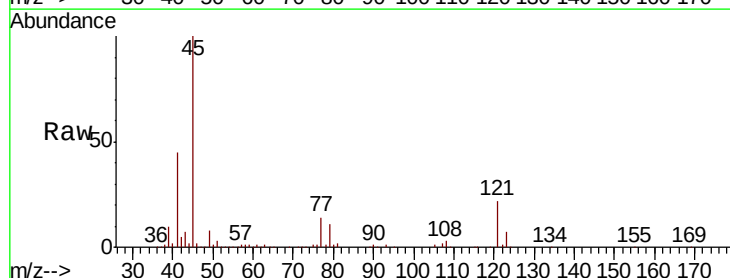
Tgt Ion: 45 Resp: 346681

Ion Ratio Lower Upper

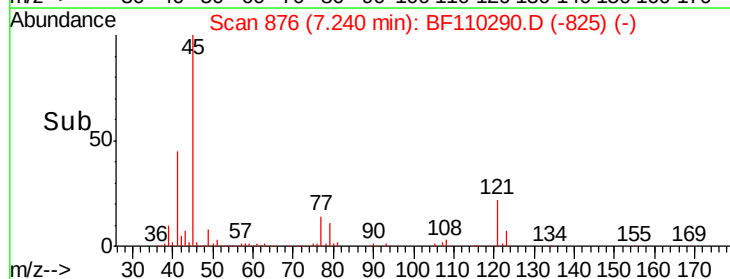
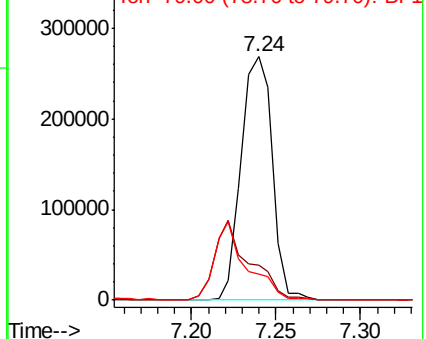
45 100

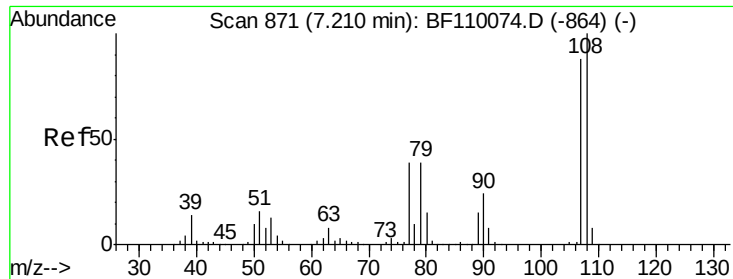
77 14.2 10.0 50.0

79 10.8 6.1 46.1



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

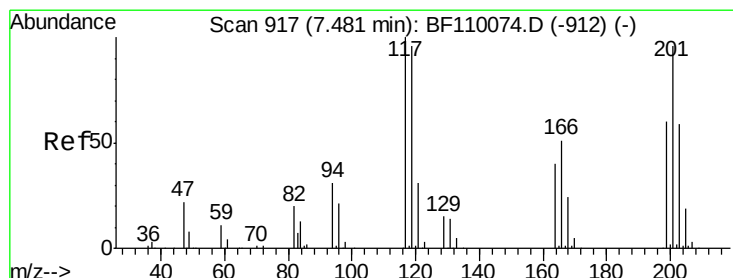
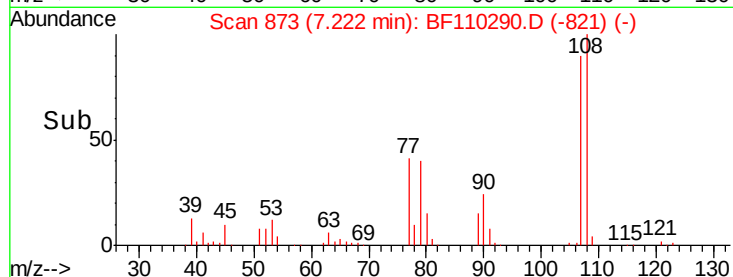
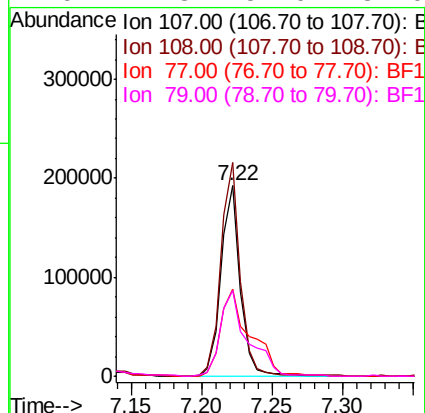
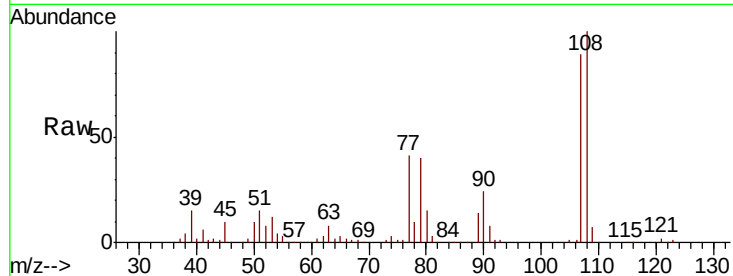




#17
2-Methylphenol
Concen: 34.236 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

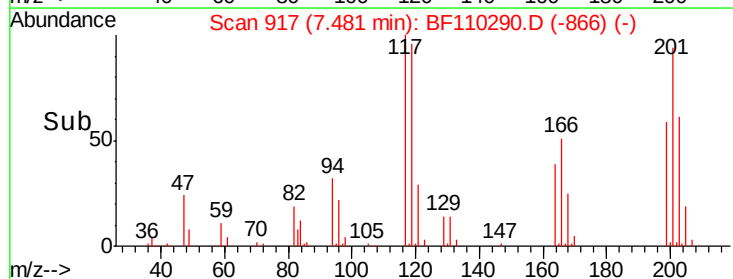
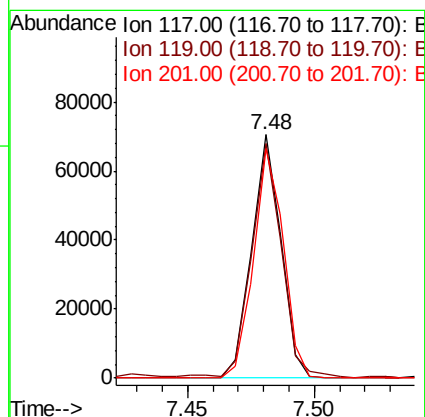
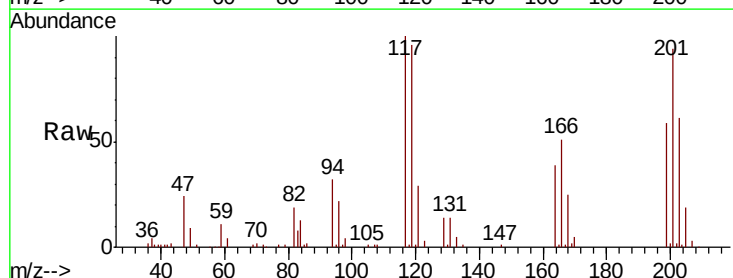
Instrument :
BNA_F
ClientSampleId :

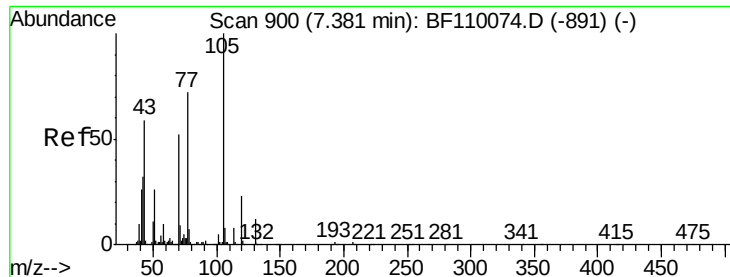
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.6	138.8
77	46.1	59.4	89.2#
79	44.8	54.0	81.0#



#18
Hexachloroethane
Concen: 21.052 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
201	94.2	79.2	118.8

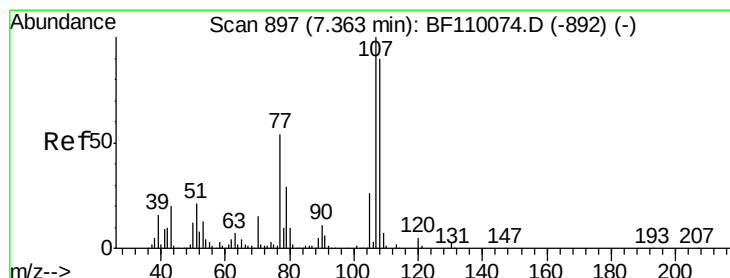
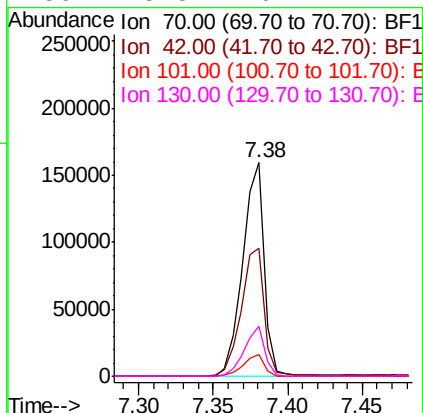
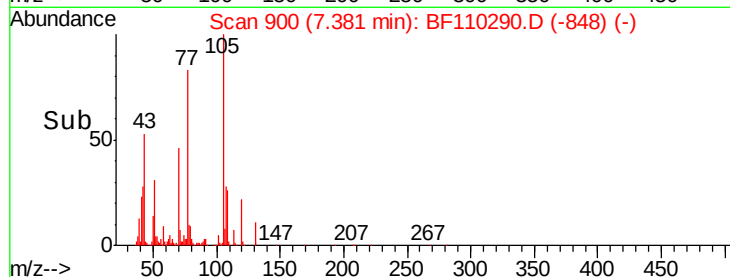
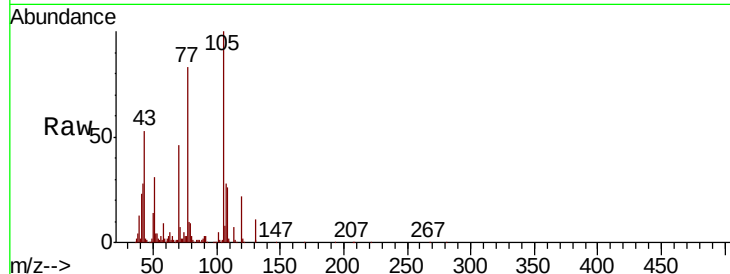




#19
n-Nitroso-di-n-propylamine
Concen: 33.891 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

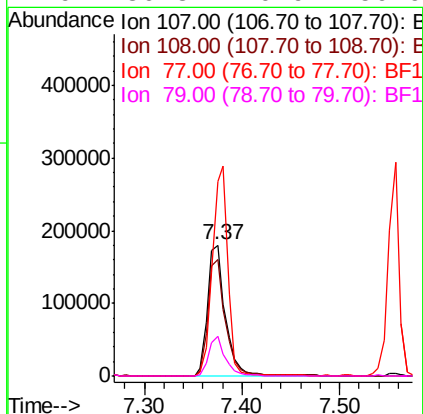
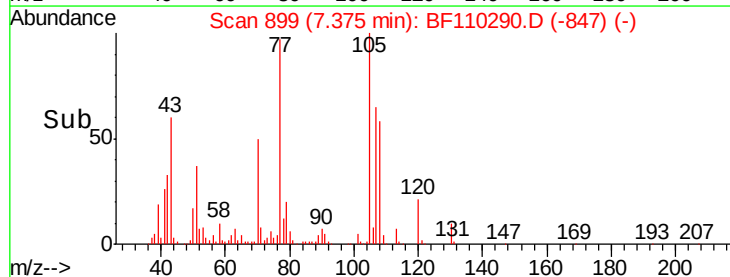
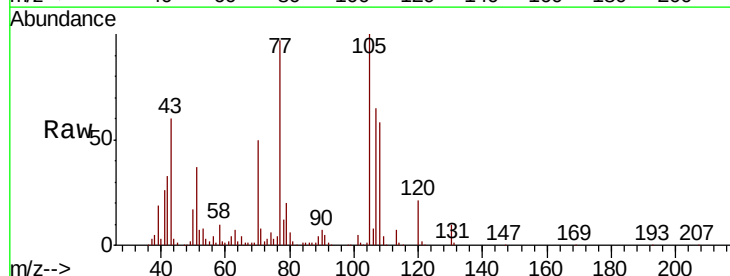
Instrument :
BNA_F
ClientSampled :

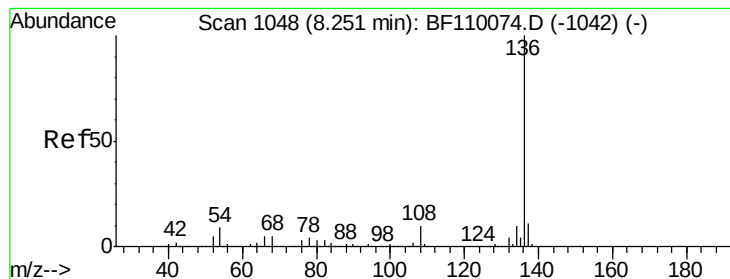
Tot Ion:	70	Resp:	160175
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.4	71.2
101	10.1	7.3	10.9
130	23.3	16.2	24.2



#20
3+4-Methylphenols
Concen: 33.204 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:	107	Resp:	227134
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	148.5	47.3	87.3#
79	30.3	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 333581

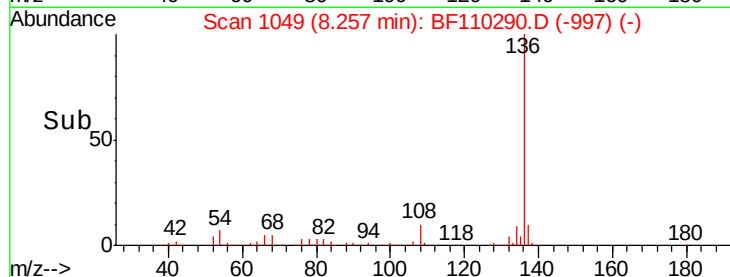
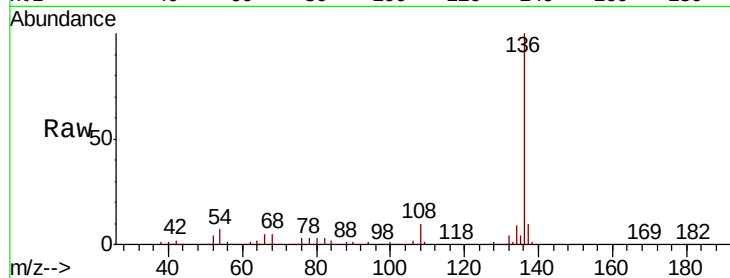
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.4 5.4 8.2

68 4.9 4.2 6.2

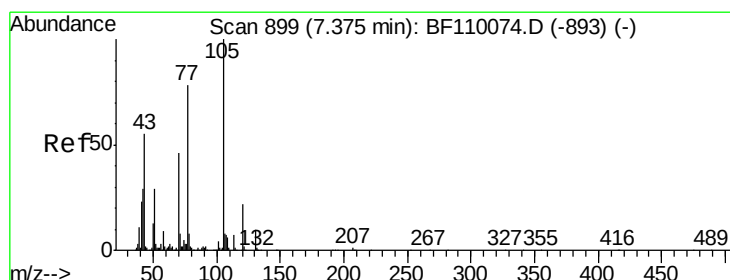
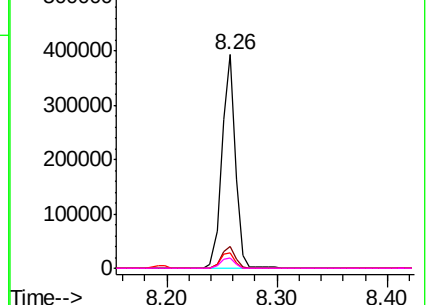


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.476 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:105 Resp: 326486

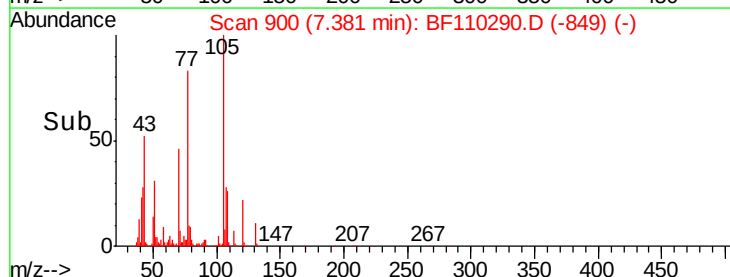
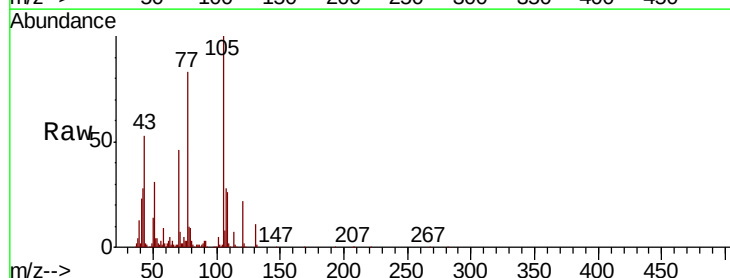
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 30.7 21.8 32.8

120 22.4 17.0 25.4

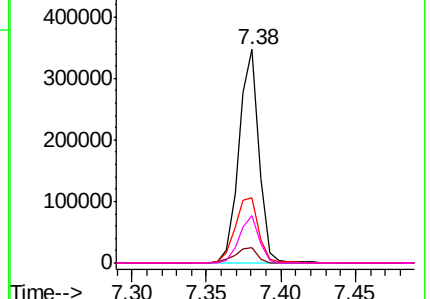


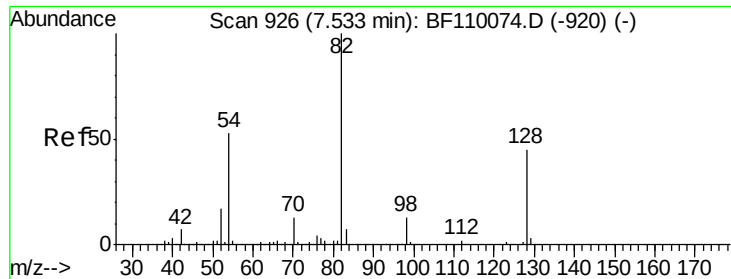
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

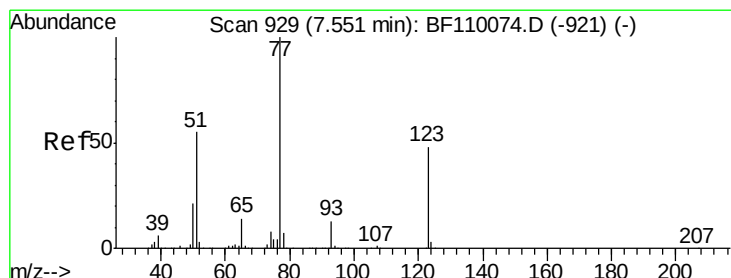
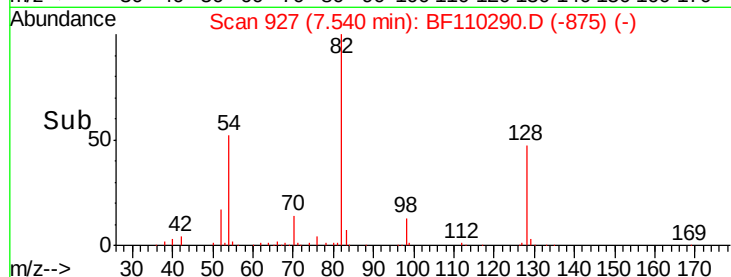
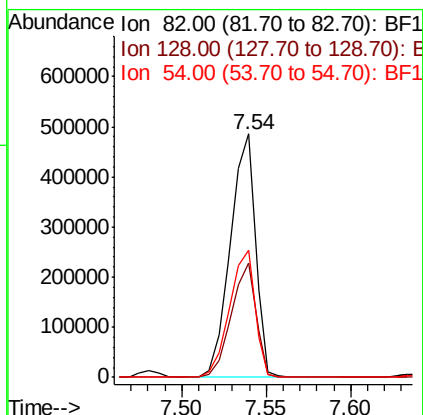
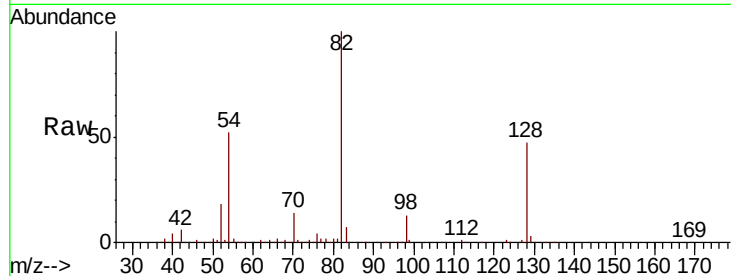




#23
 Nitrobenzene-d5
 Concen: 89.669 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

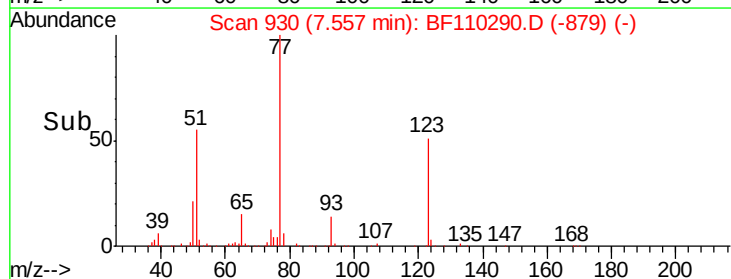
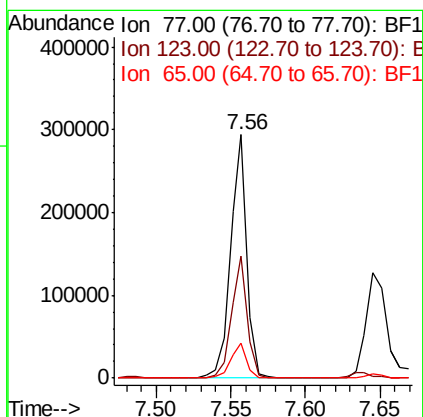
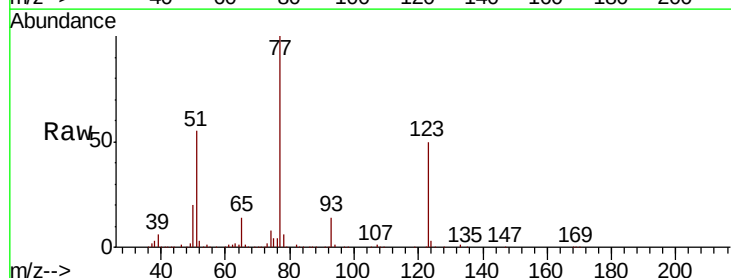
Instrument :
 BNA_F
 ClientSampleId :

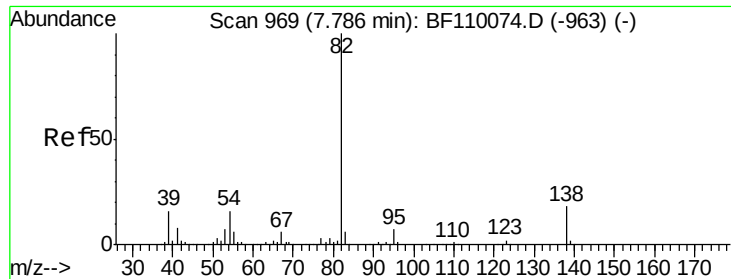
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	52.4	38.6	58.0



#24
 Nitrobenzene
 Concen: 38.751 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	14.5	10.7	16.1





#25

Isophorone

Concen: 43.425 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

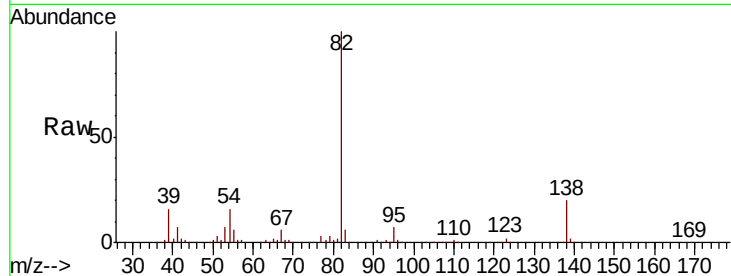
Tot Ion: 82 Resp: 416306

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

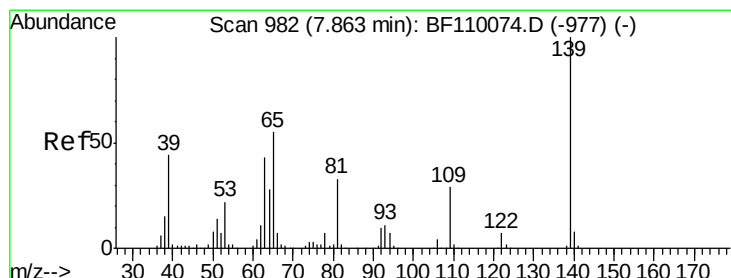
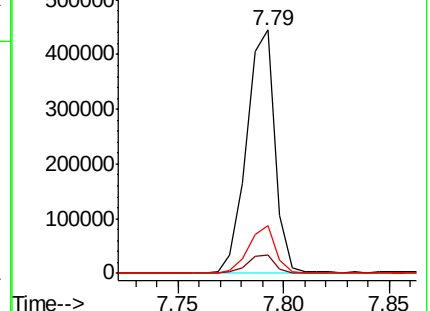
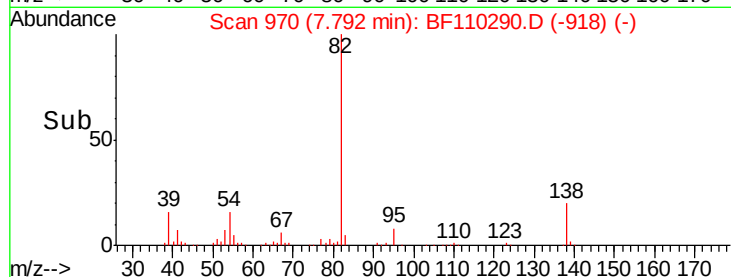
138 19.6 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 19.338 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

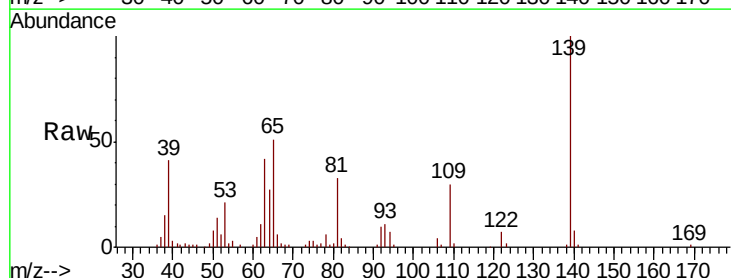
Tgt Ion: 139 Resp: 53433

Ion Ratio Lower Upper

139 100

109 30.0 25.0 37.6

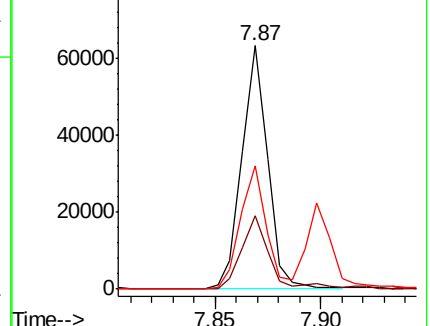
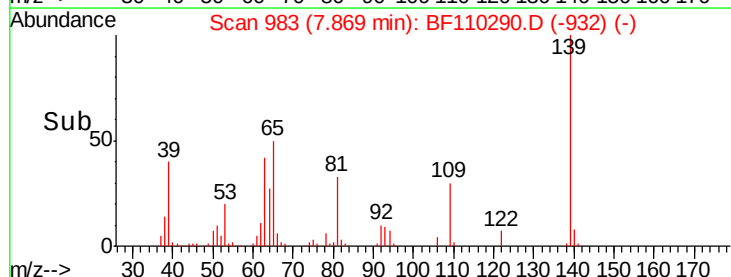
65 50.9 44.0 66.0

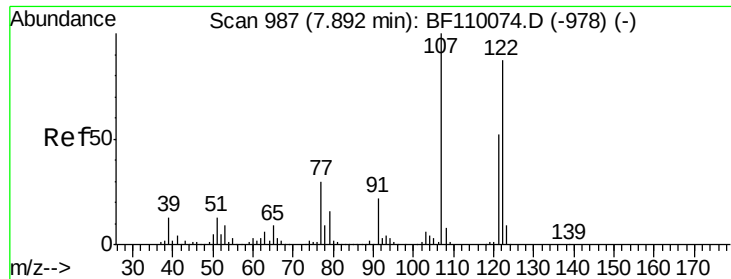


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.282 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

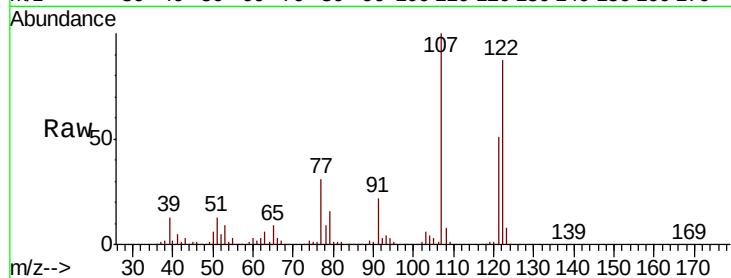
Tot Ion:122 Resp: 189117

Ion Ratio Lower Upper

122 100

107 115.4 92.5 138.7

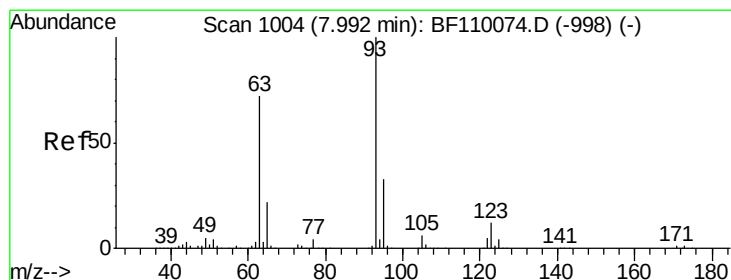
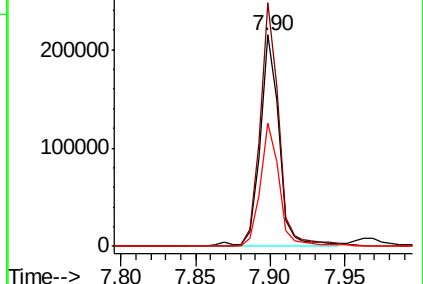
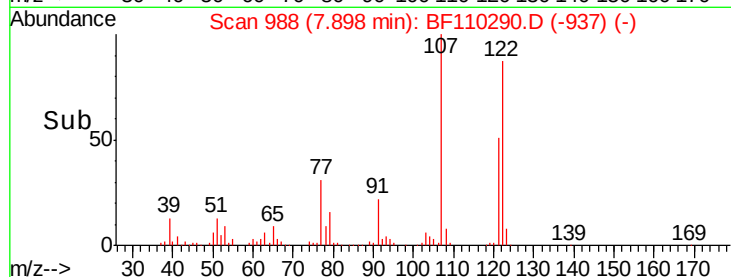
121 58.6 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.942 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

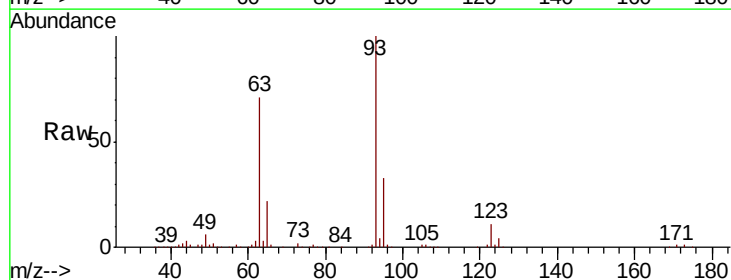
Tgt Ion: 93 Resp: 273153

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

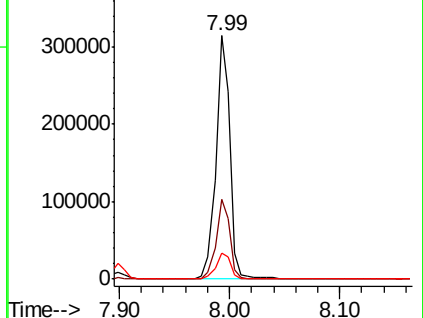
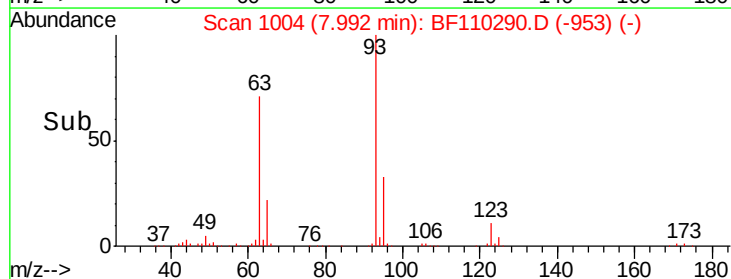
123 10.9 9.0 13.6

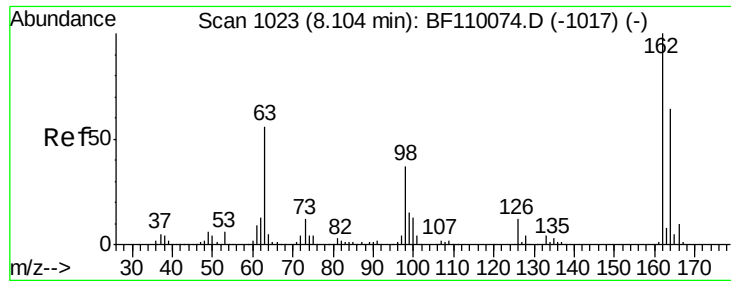


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

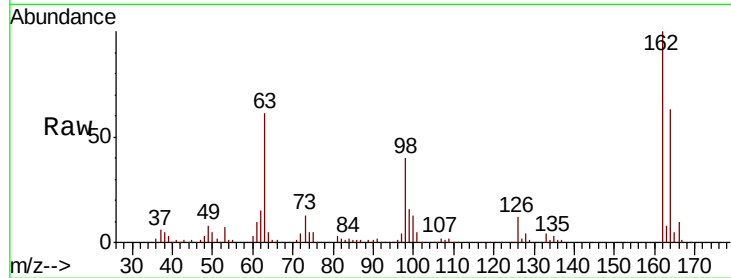




#29
2,4-Dichlorophenol
Concen: 35.973 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	39.7	17.4	57.4

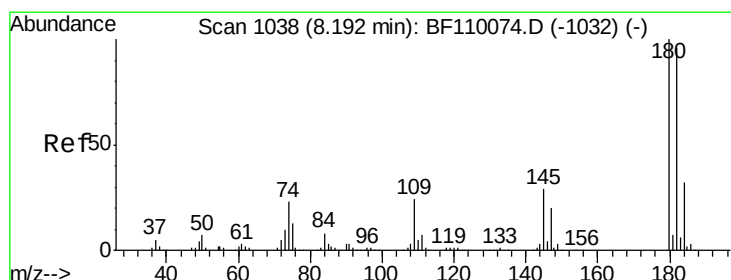
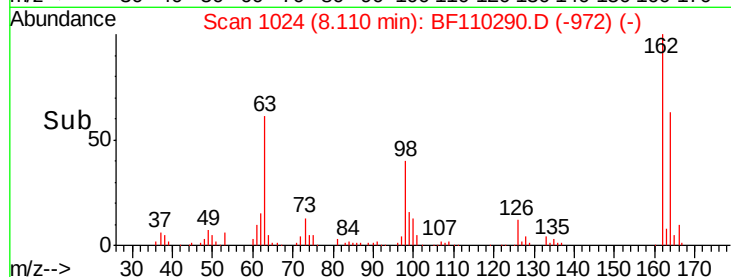
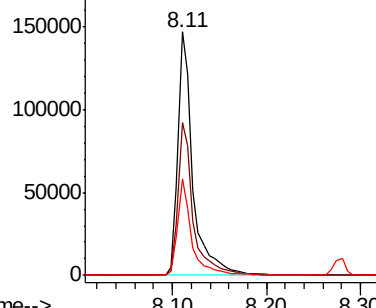


Abundance

Ion 162.00 (161.70 to 162.70): E

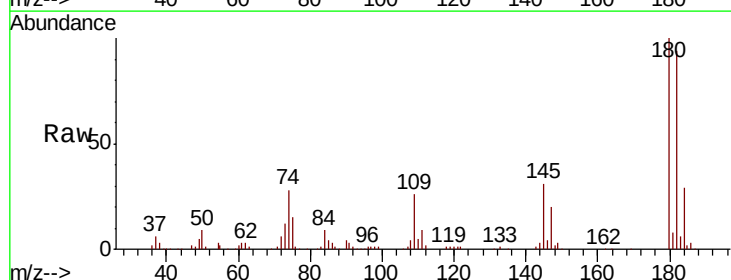
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.485 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	80.3	120.5
145	31.0	25.4	38.0

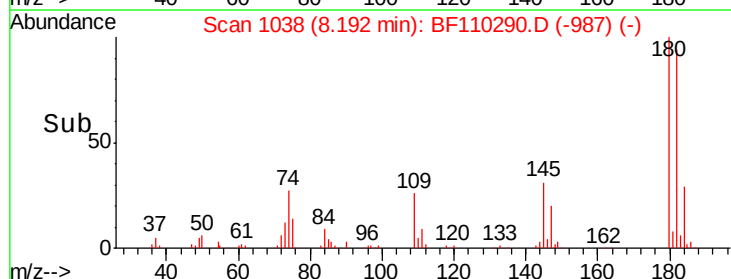
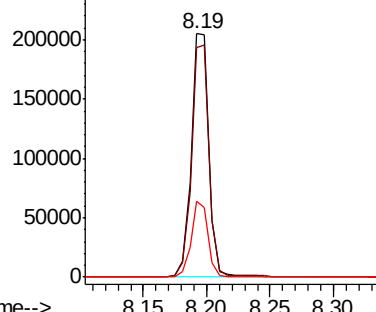


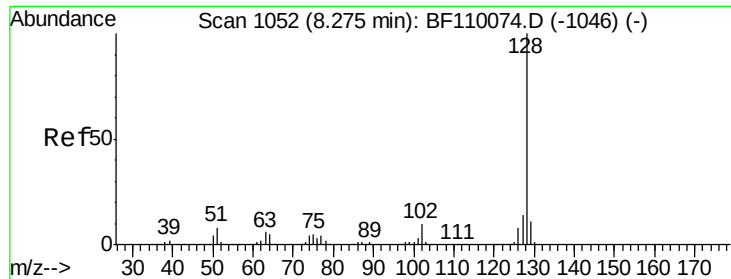
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

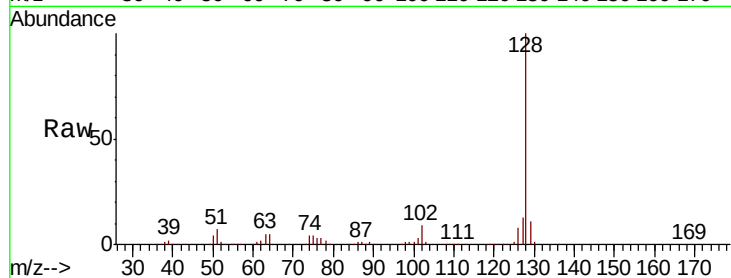




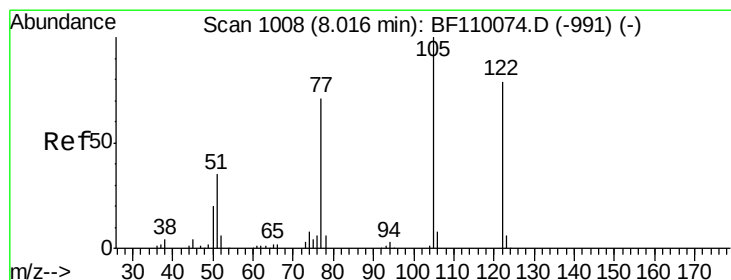
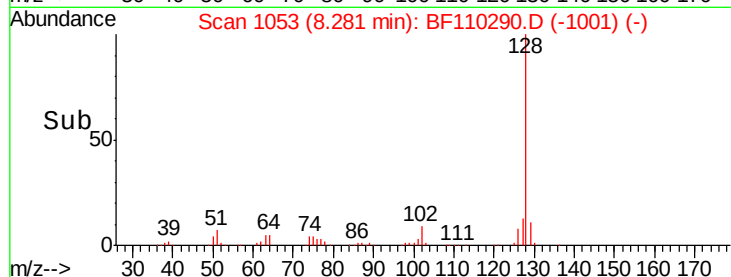
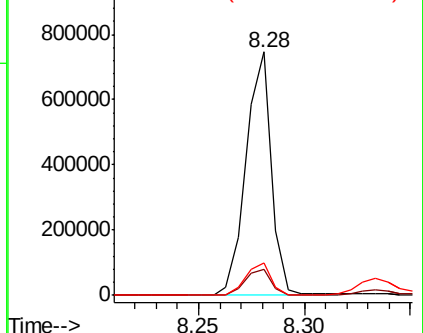
#31
Naphthalene
Concen: 40.675 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 625360
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.8 16.2

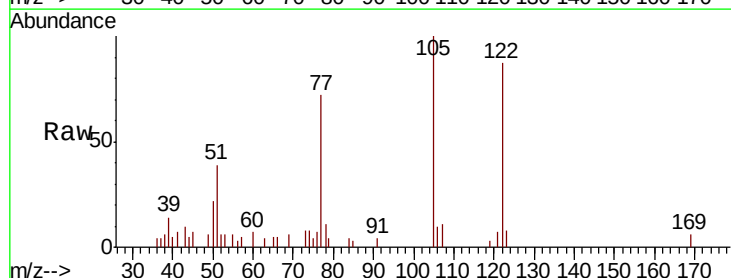


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

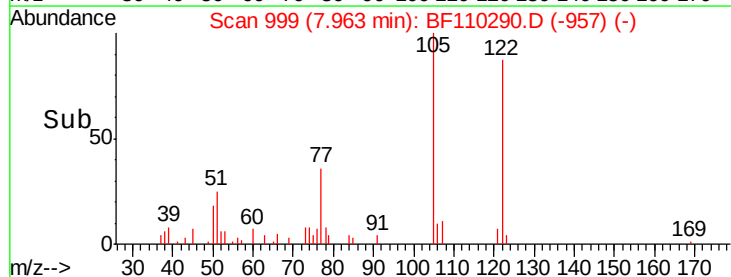
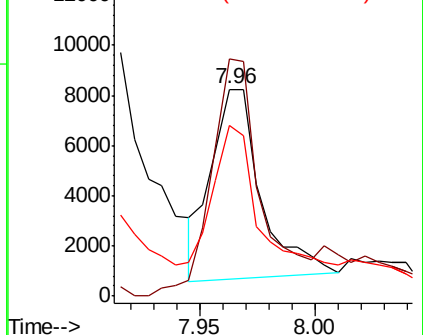


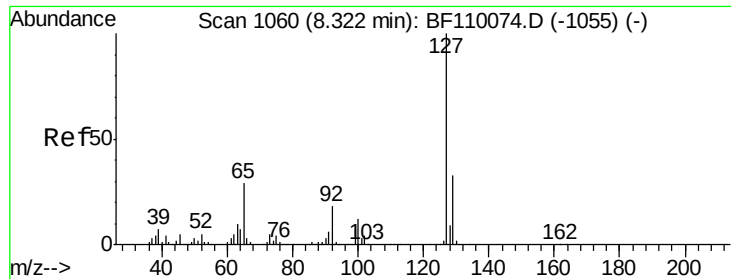
#32
Benzoic acid
Concen: 3.218 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:122 Resp: 11393
Ion Ratio Lower Upper
122 100
105 114.8 109.0 149.0
77 82.4 79.0 119.0



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

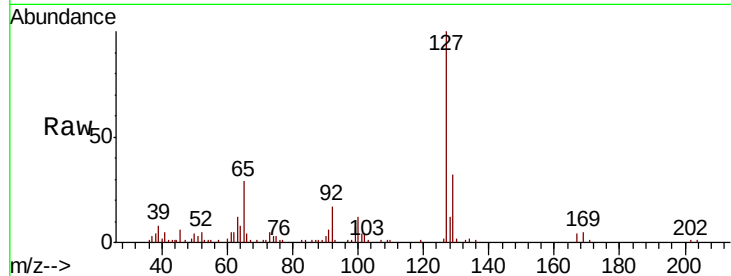




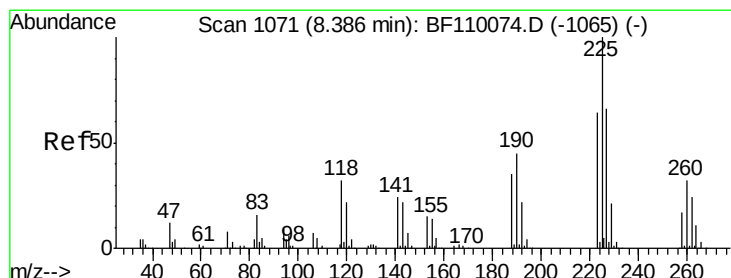
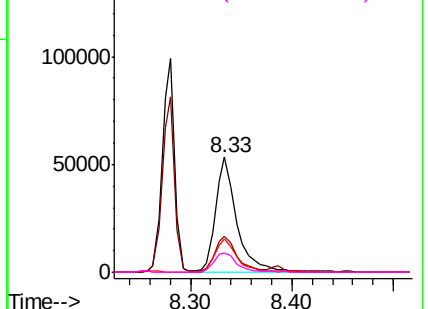
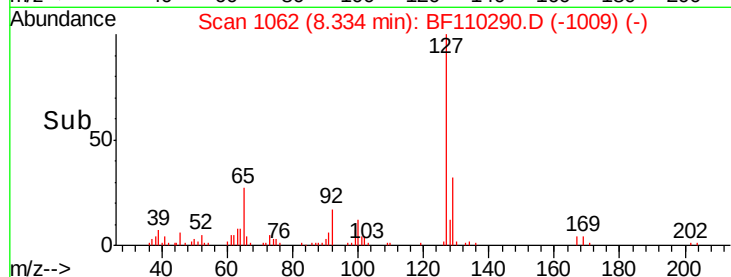
#33
4-Chloroaniline
Concen: 11.340 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	78463
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	28.7	25.1	37.7
92	17.2	15.0	22.6

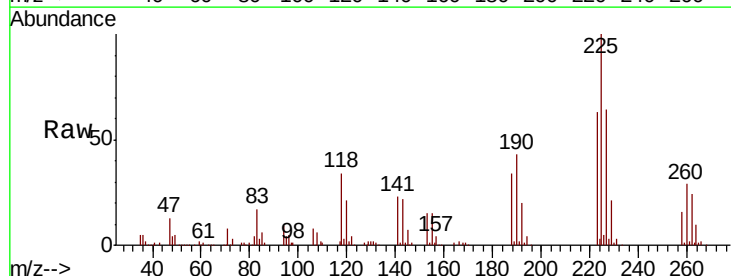


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

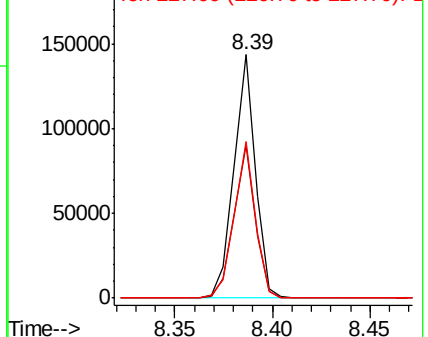
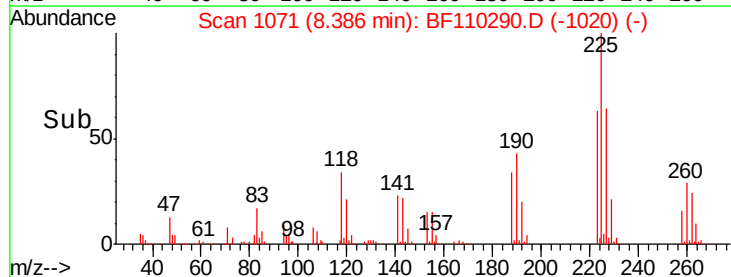


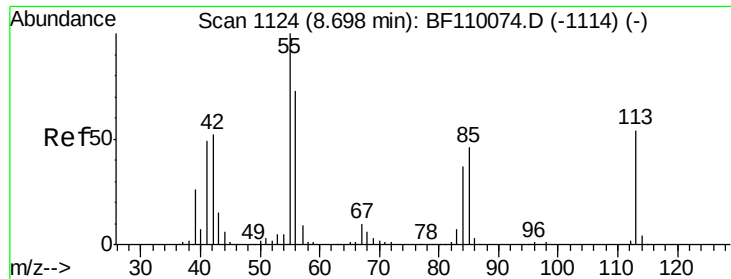
#34
Hexachlorobutadiene
Concen: 38.342 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:	225	Resp:	110364
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	64.3	51.0	76.6



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

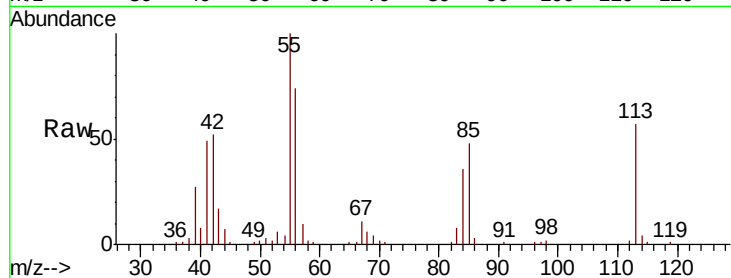




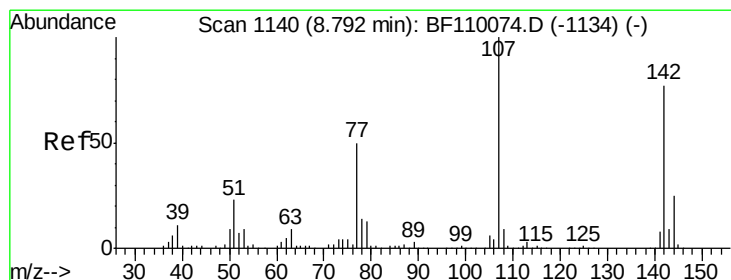
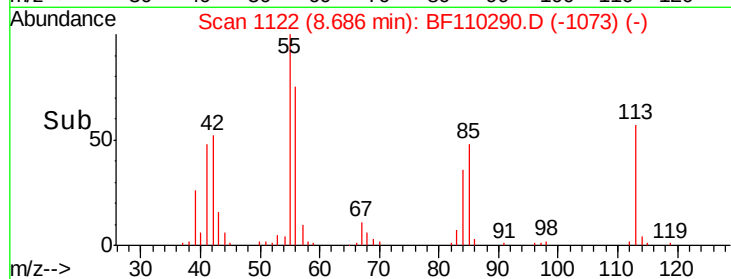
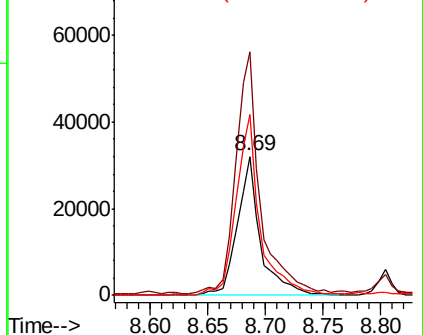
#35
 Caprolactam
 Concen: 27.698 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 44680
 Ion Ratio Lower Upper
 113 100
 55 175.1 142.8 182.8
 56 130.2 105.0 145.0

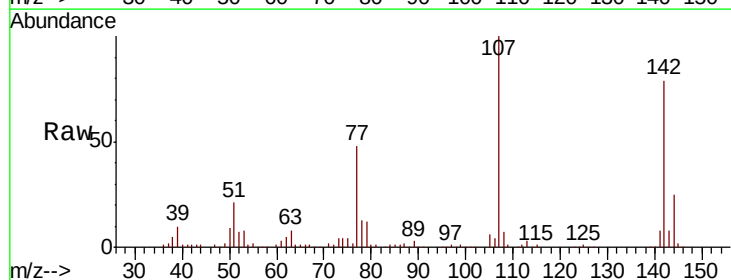


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

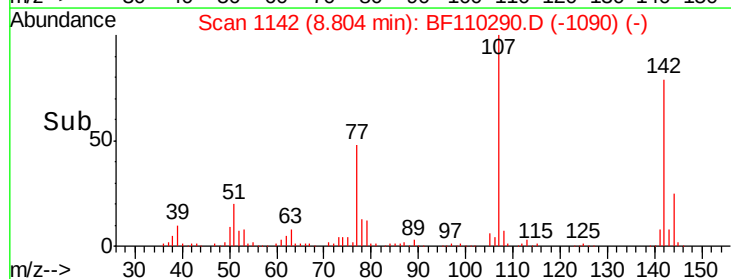
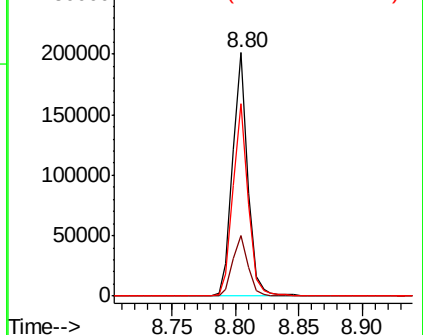


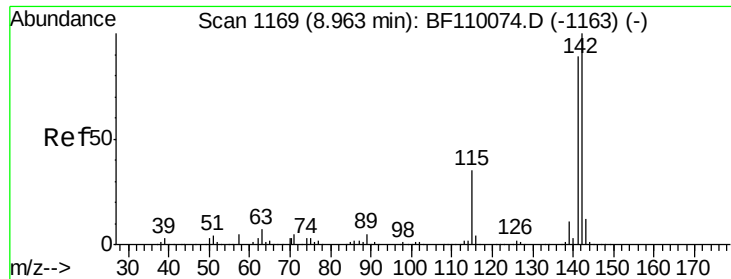
#36
 4-Chloro-3-methylphenol
 Concen: 33.113 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion:107 Resp: 165722
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 79.1 59.7 89.5



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

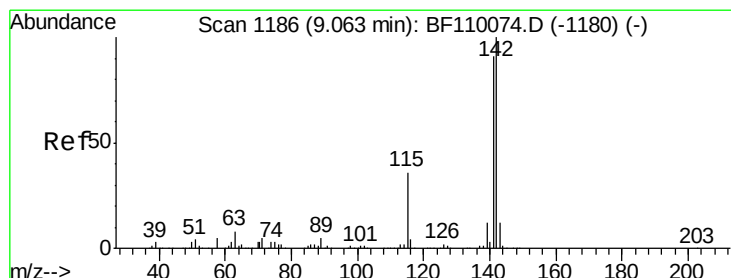
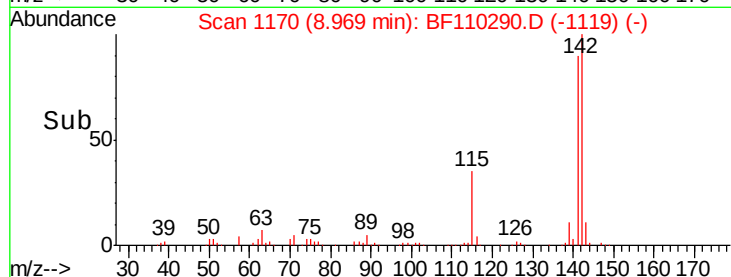
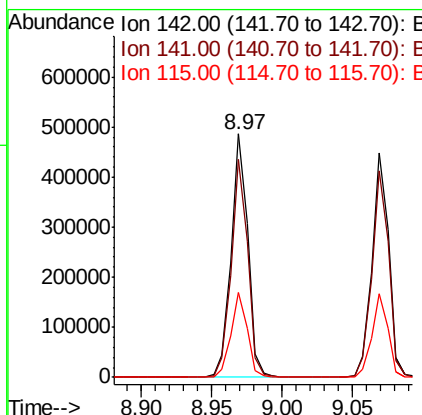
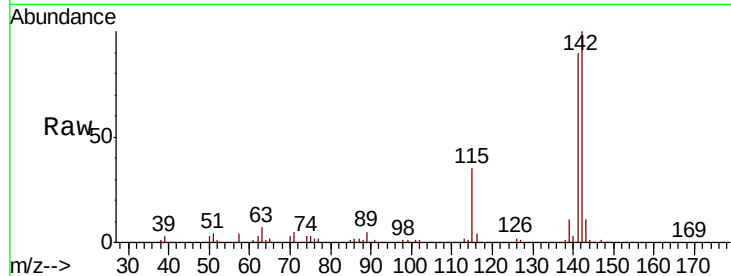




#37
2-Methylnaphthalene
Concen: 39.500 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

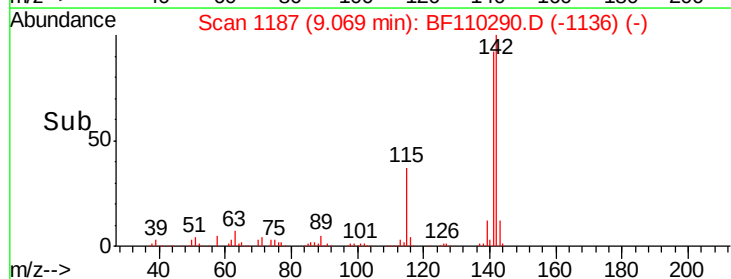
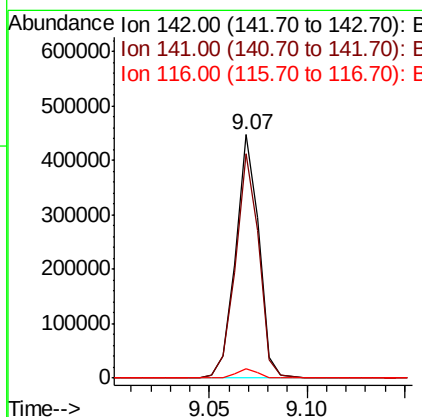
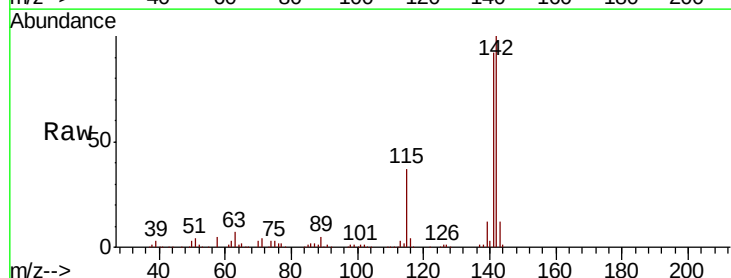
Instrument :
BNA_F
ClientSampleId :

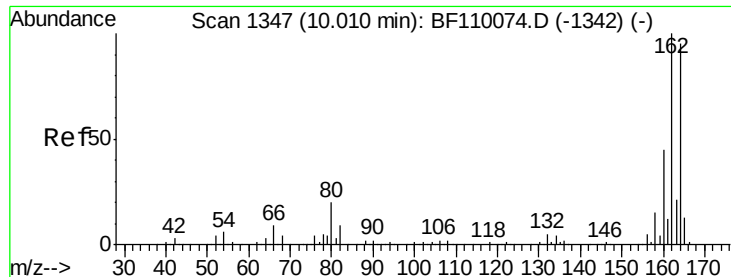
Tot Ion:142 Resp: 401796
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 34.8 28.7 43.1



#38
1-Methylnaphthalene
Concen: 37.494 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:142 Resp: 368568
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4
116 3.9 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

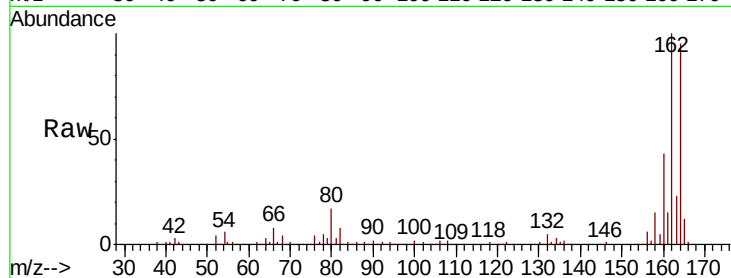
Tot Ion:164 Resp: 130197

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.6

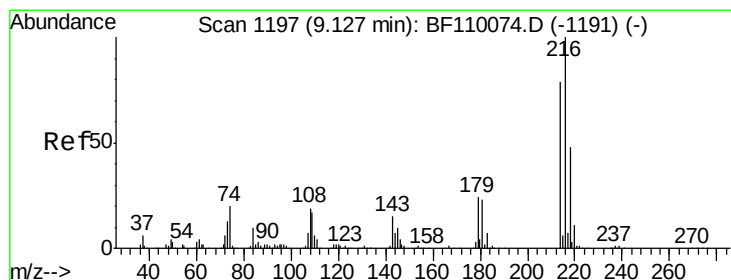
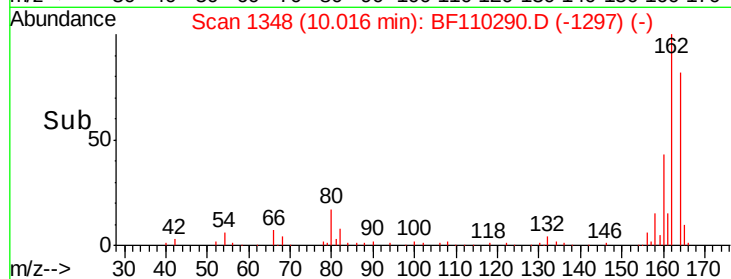
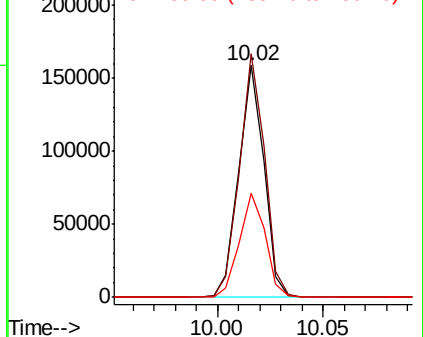
160 45.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.596 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:216 Resp: 164684

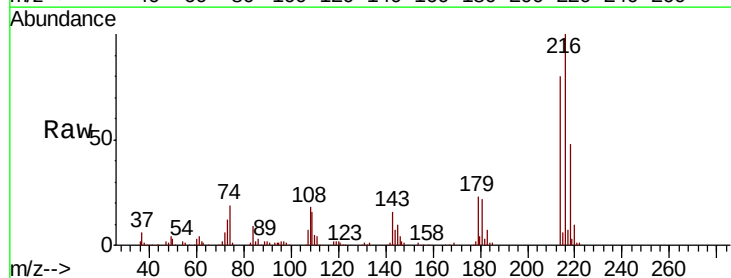
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 23.3 16.6 25.0

108 17.5 15.1 22.7

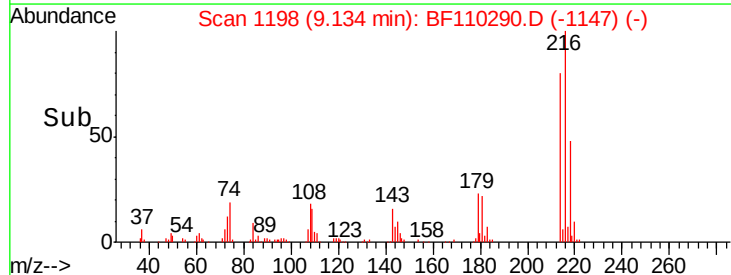
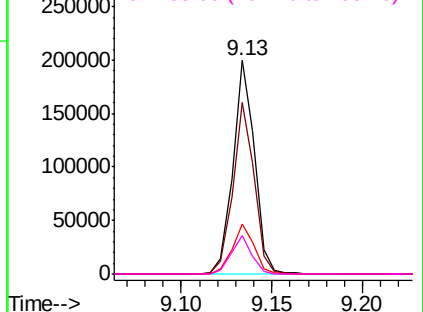


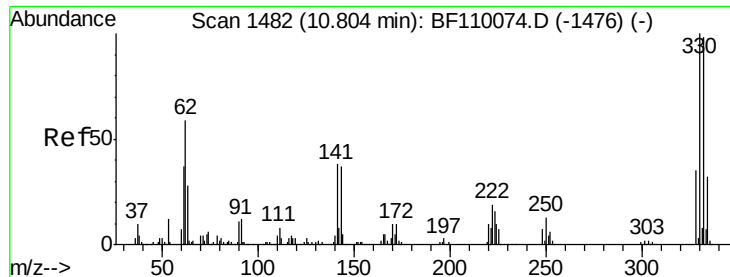
Abundance Ion 216.00 (215.70 to 216.70): E

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

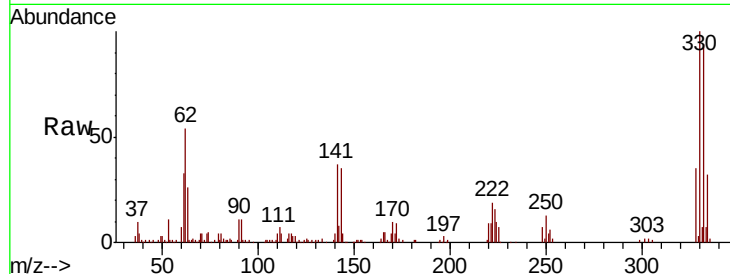




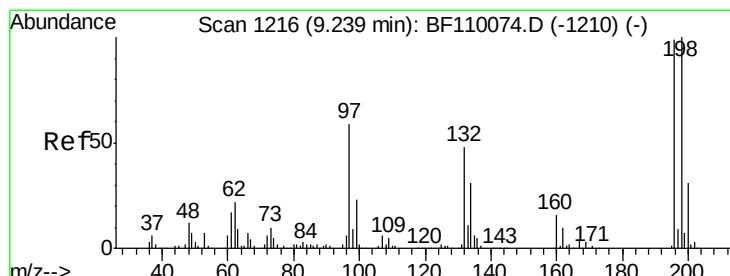
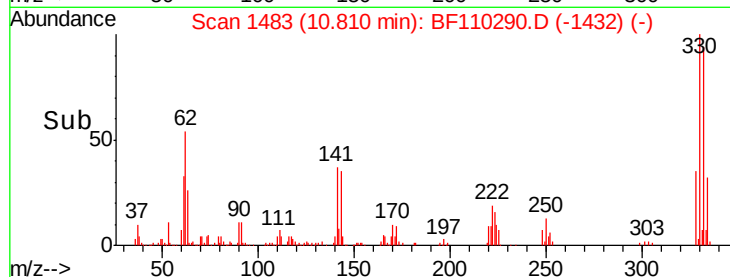
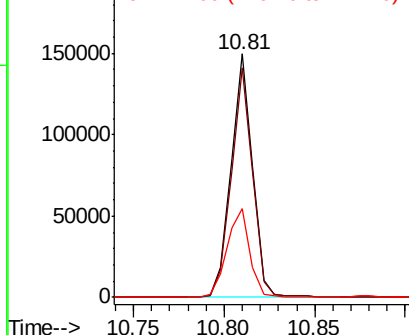
#42
 2,4,6-Tribromophenol
 Concen: 96.188 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 124052
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.1 115.7
 141 38.8 27.0 40.4

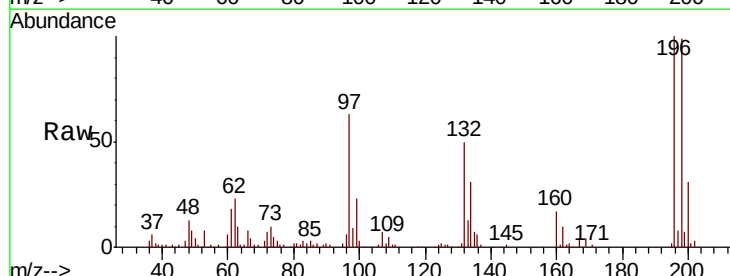


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

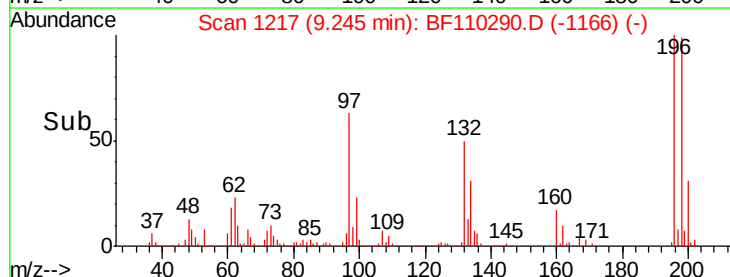
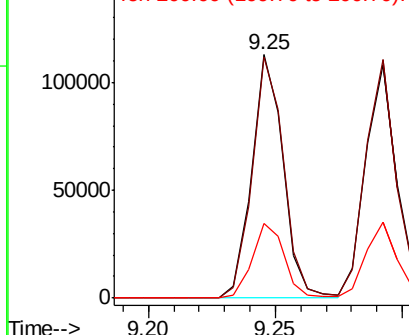


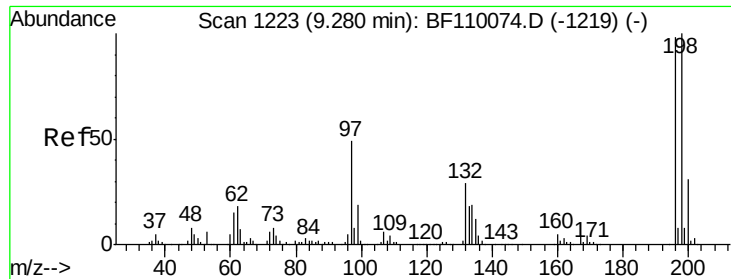
#43
 2,4,6-Trichlorophenol
 Concen: 37.540 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion:196 Resp: 98225
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.2 114.4
 200 30.9 24.4 36.6



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

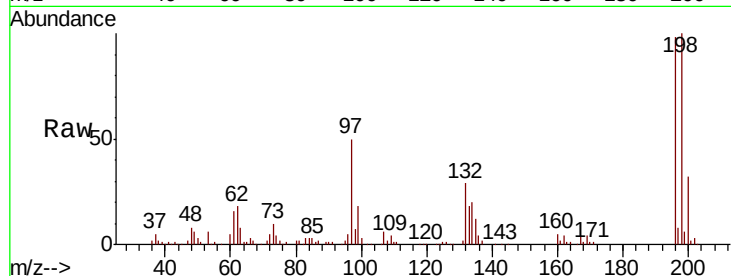




#44
 2,4,5-Trichlorophenol
 Concen: 35.381 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.2	75.8	113.6
97	51.0	42.4	63.6
132	29.8	22.8	34.2



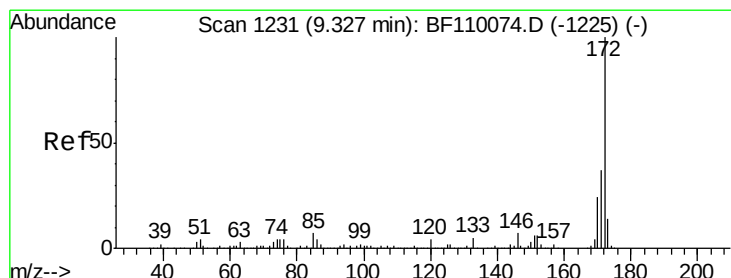
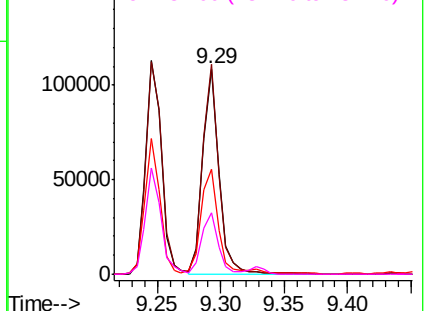
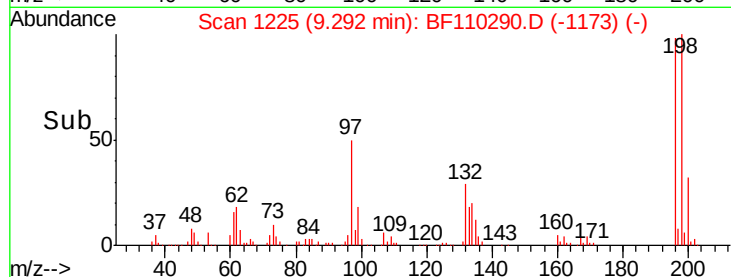
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

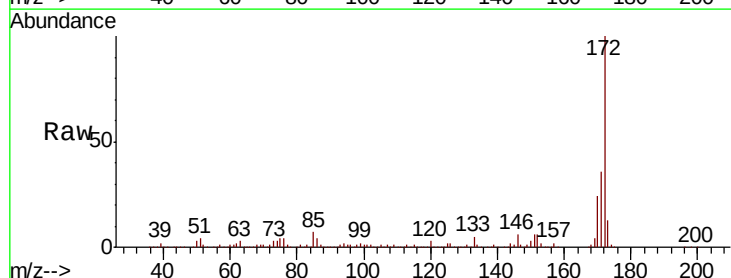
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.685 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.7	29.5

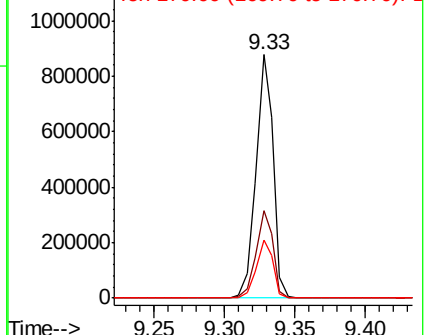
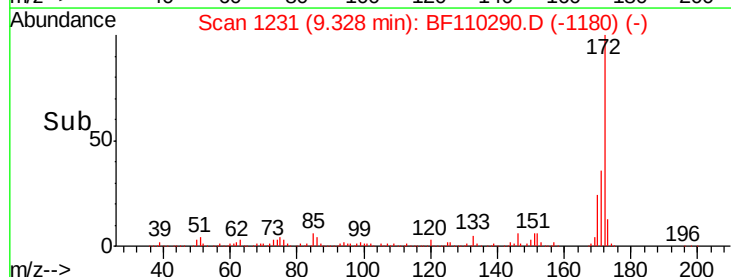


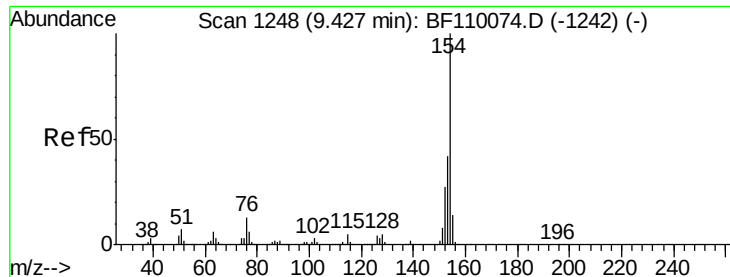
Abundance

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

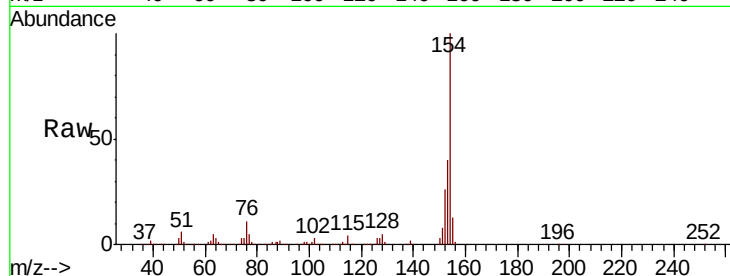




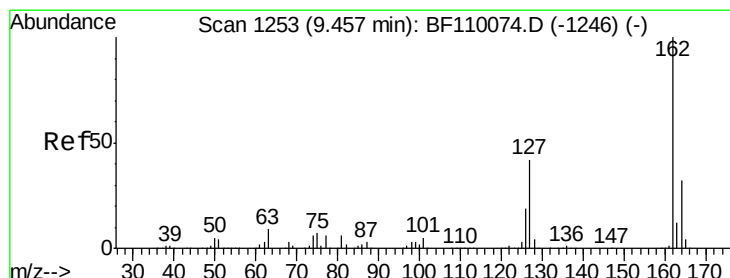
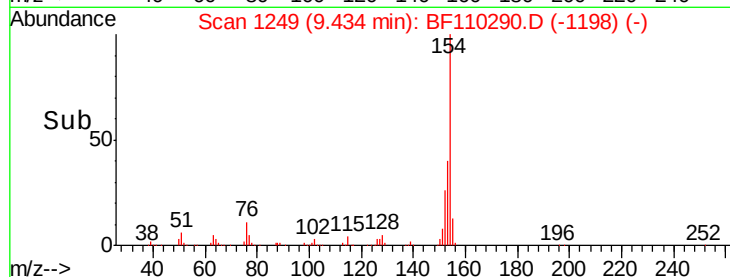
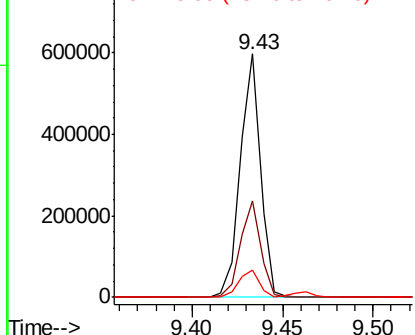
#46
 1,1'-Biphenyl
 Concen: 39.366 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.4	60.4
76	11.0	0.0	31.9

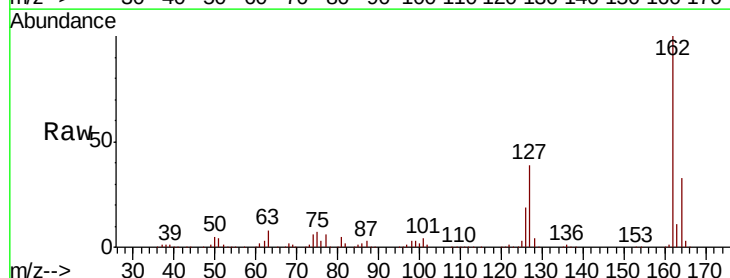


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

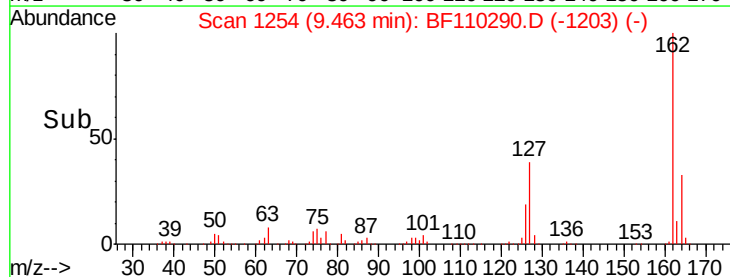
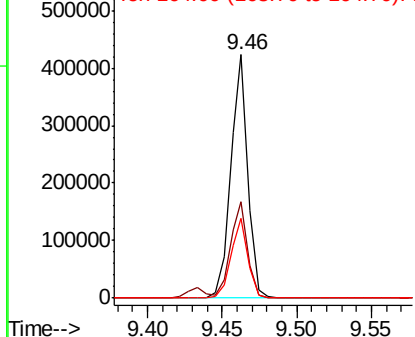


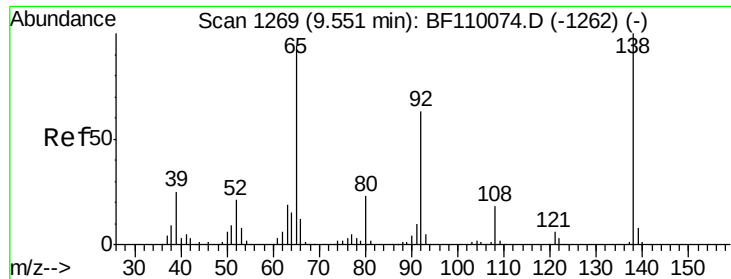
#47
 2-Chloronaphthalene
 Concen: 39.440 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	48.8
164	32.6	25.9	38.9



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

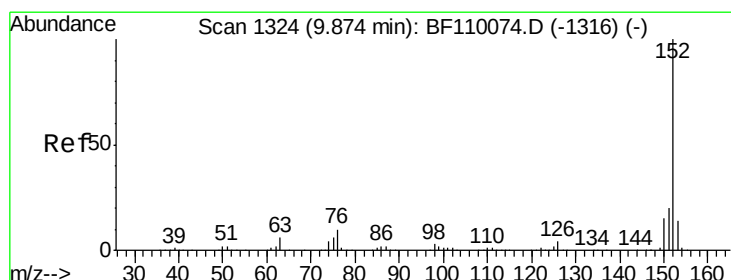
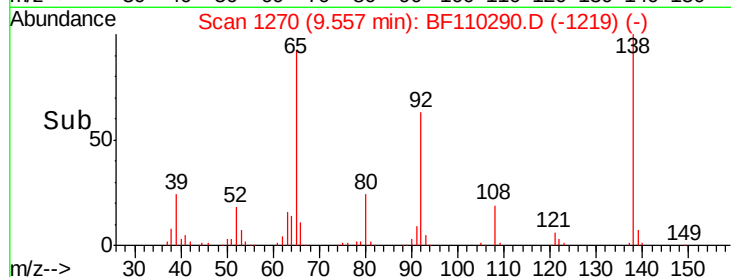
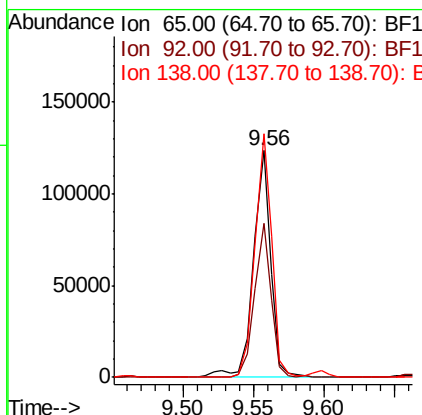
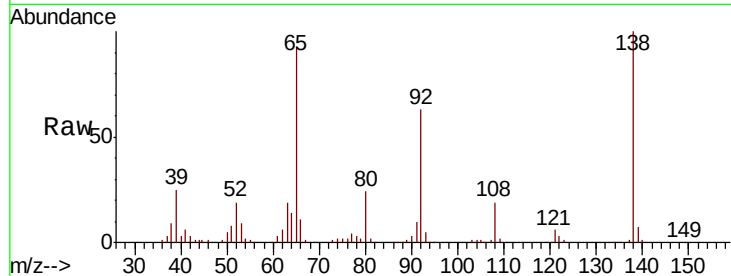




#48
2-Nitroaniline
Concen: 40.968 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

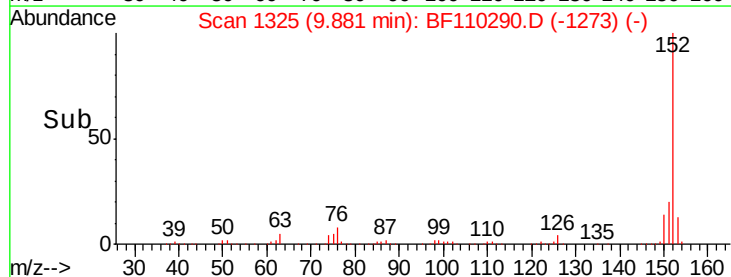
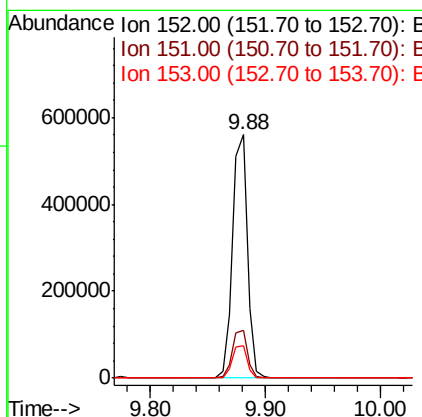
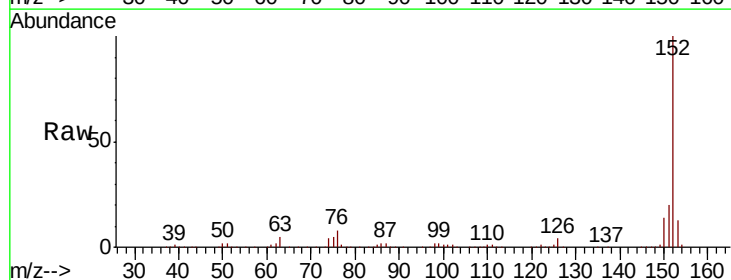
Instrument :
BNA_F
ClientSampleId :

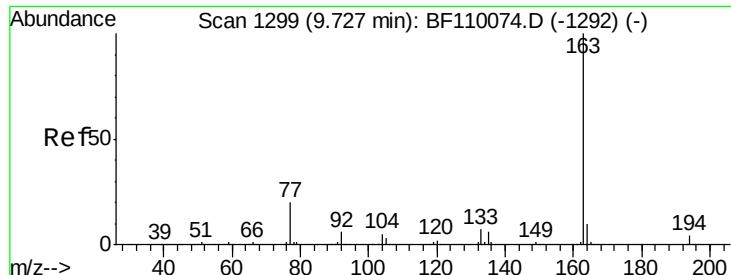
Tot Ion: 65 Resp: 107217
Ion Ratio Lower Upper
65 100
92 68.3 54.6 81.8
138 107.6 80.3 120.5



#49
Acenaphthylene
Concen: 40.216 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion: 152 Resp: 501653
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.4 15.6

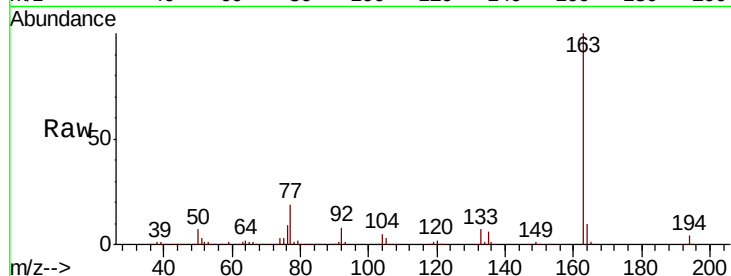




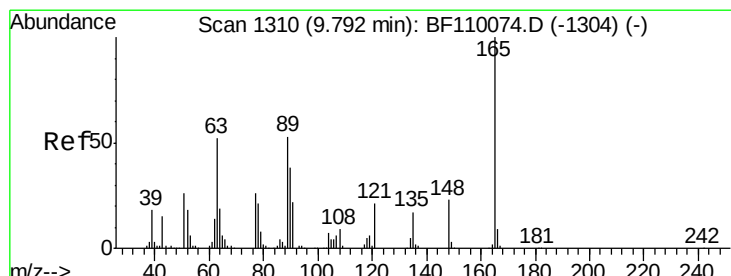
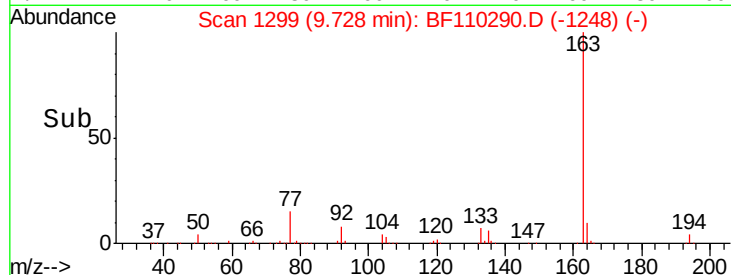
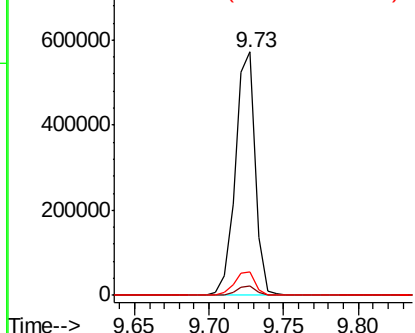
#50
Dimethylphthalate
Concen: 55.679 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	8.1	12.1

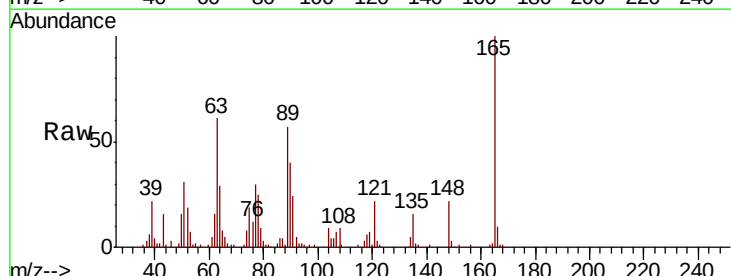


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

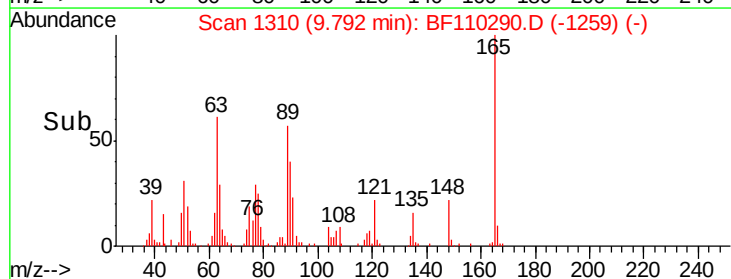
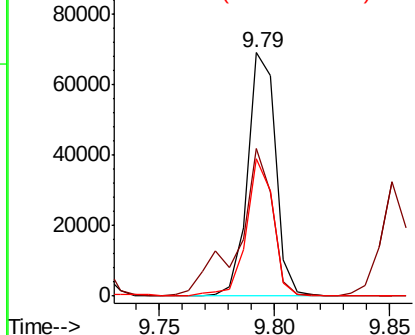


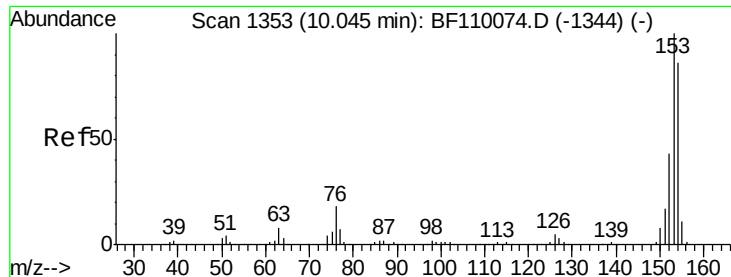
#51
2,6-Dinitrotoluene
Concen: 28.337 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.6	48.9	73.3
89	56.7	46.6	69.8



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: 36.922 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

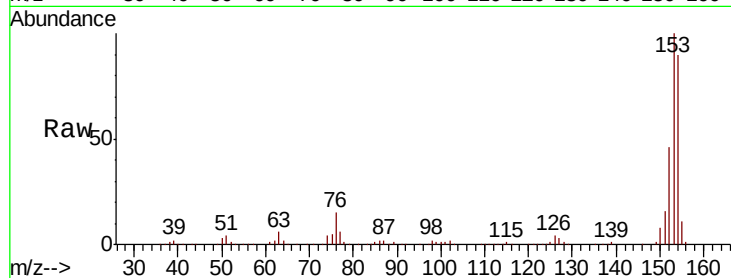
Tot Ion:154 Resp: 304681

Ion Ratio Lower Upper

154 100

153 110.8 90.1 135.1

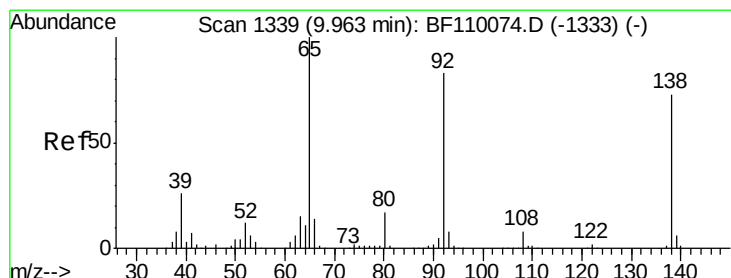
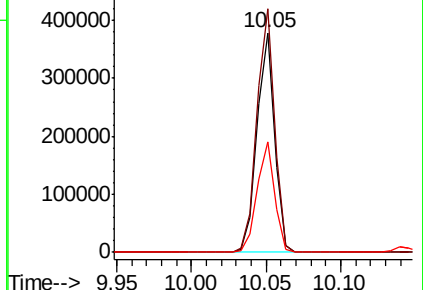
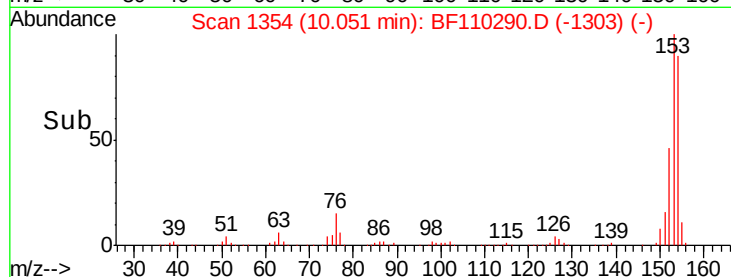
152 50.5 43.4 65.2



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: 34.013 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

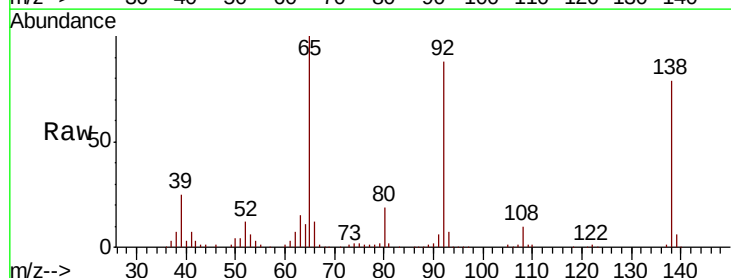
Tgt Ion:138 Resp: 83736

Ion Ratio Lower Upper

138 100

108 12.3 8.7 13.1

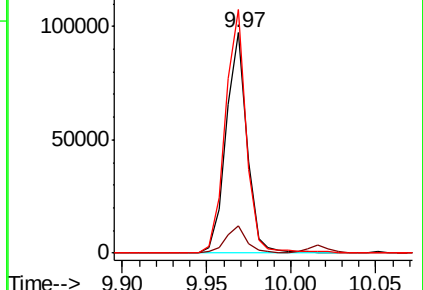
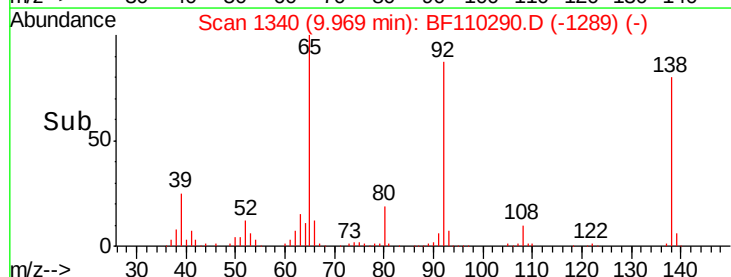
92 110.6 97.0 145.4

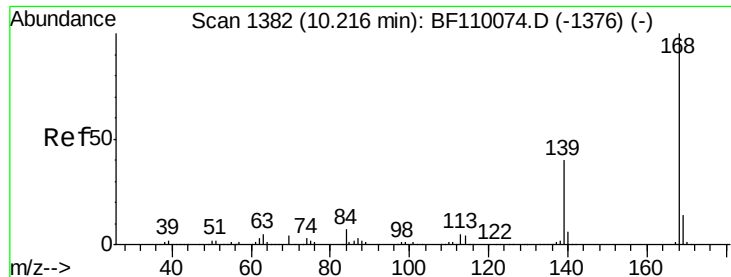


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

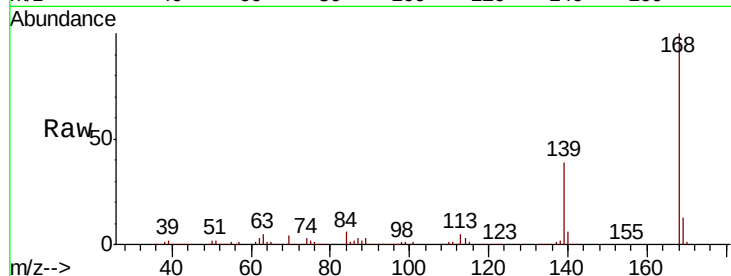




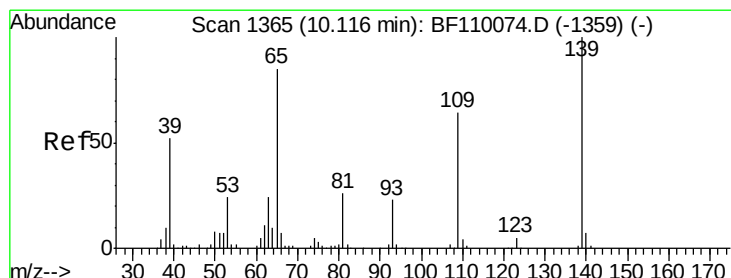
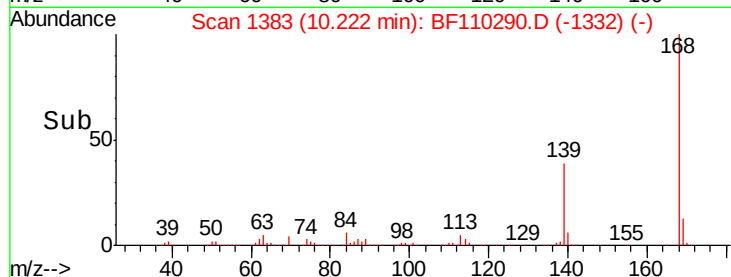
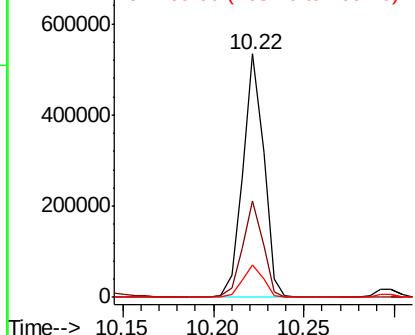
#55
Dibenzenofuran
Concen: 36.993 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 427406
Ion Ratio Lower Upper
168 100
139 39.4 33.0 49.6
169 13.3 11.3 16.9

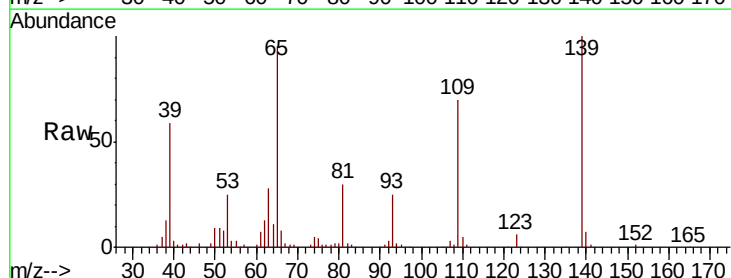


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

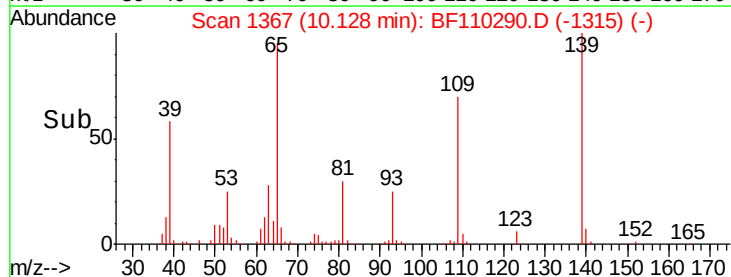
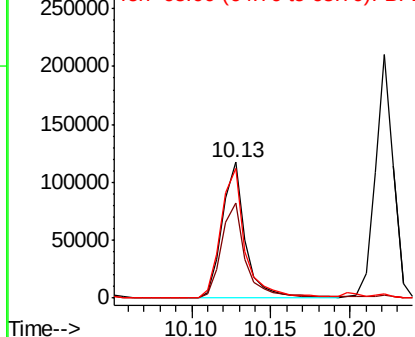


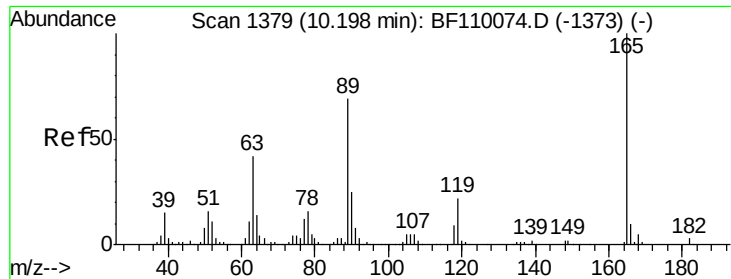
#56
4-Nitrophenol
Concen: 66.079 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:139 Resp: 120400
Ion Ratio Lower Upper
139 100
109 70.5 55.8 95.8
65 95.5 77.9 117.9



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

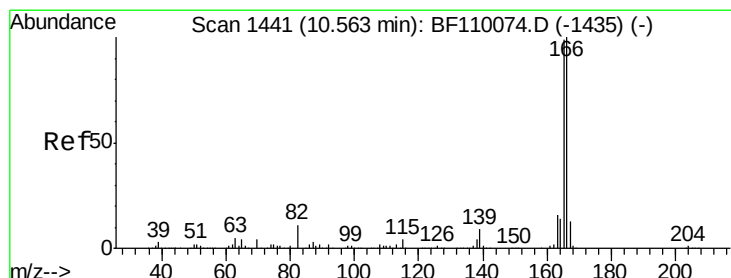
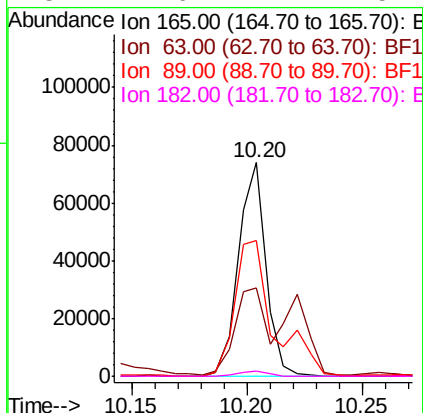
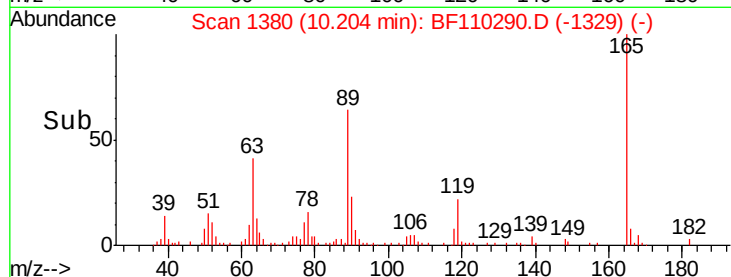
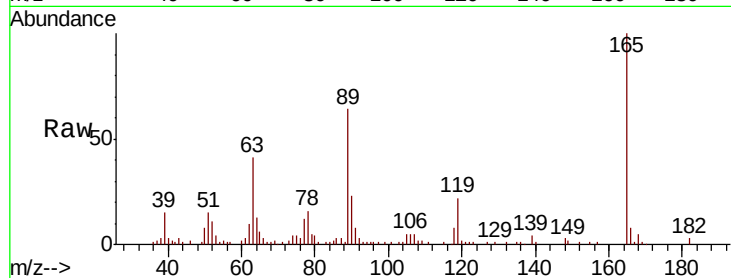




#57
2,4-Dinitrotoluene
Concen: 23.270 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

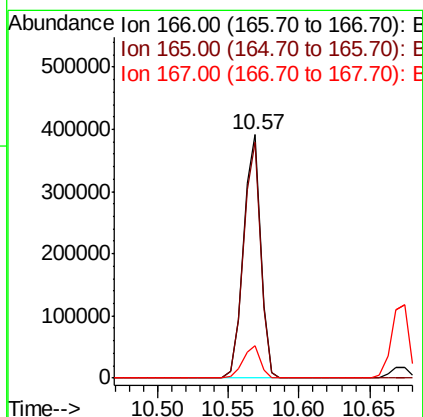
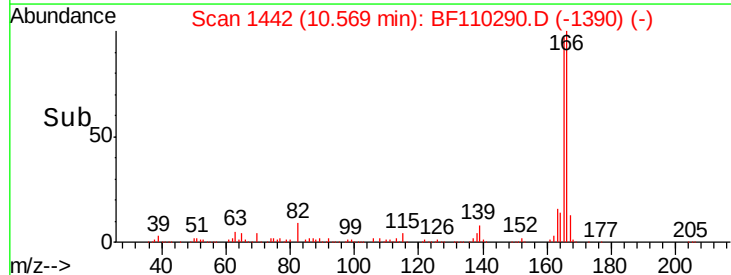
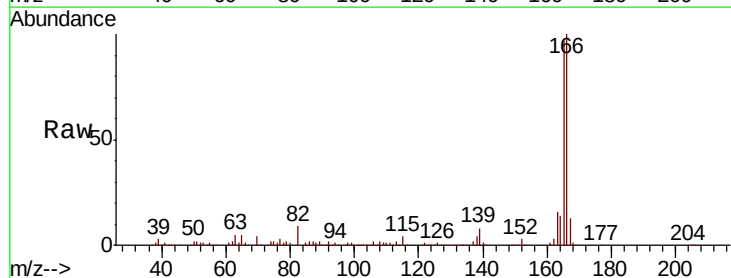
Instrument :
BNA_F
ClientSampleId :

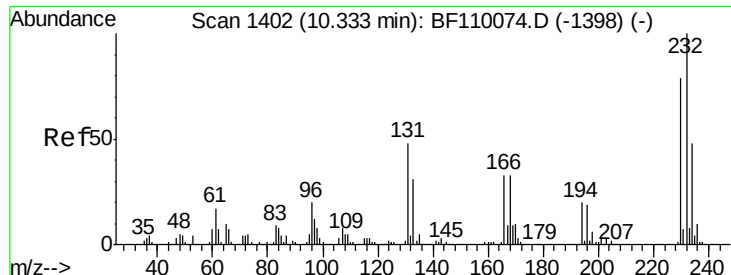
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	44.8	67.2#
89	63.7	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.539 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.2	10.8	16.2

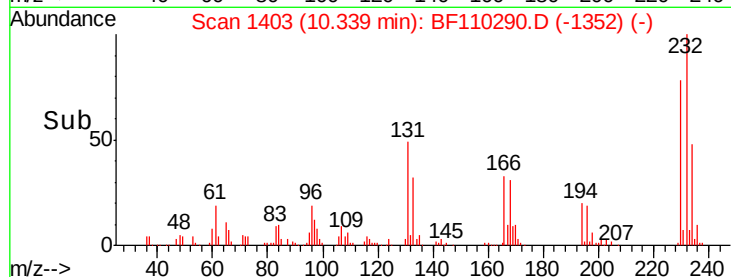
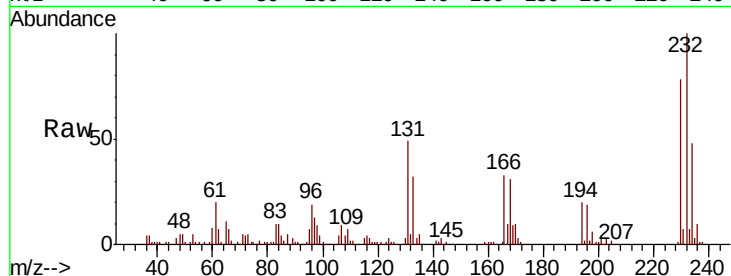




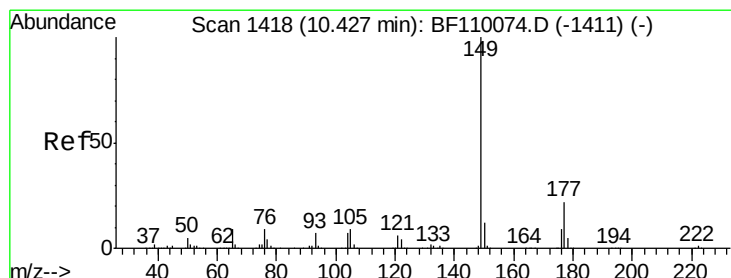
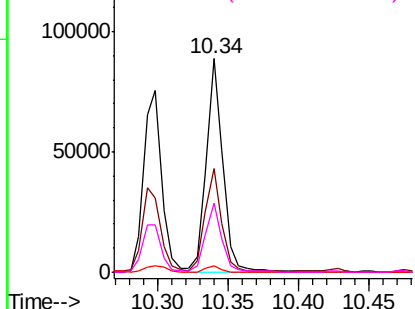
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.378 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 72990
Ion Ratio Lower Upper
232 100
131 49.0 37.0 55.4
130 2.4 1.8 2.6
166 32.5 22.0 33.0

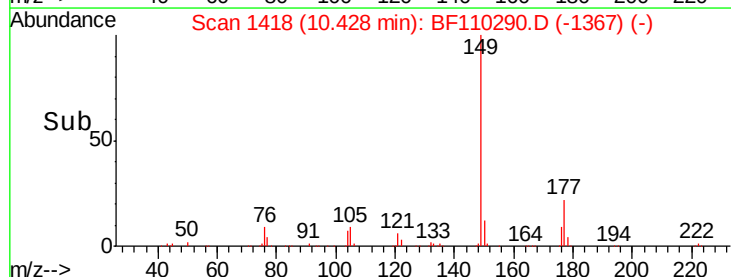
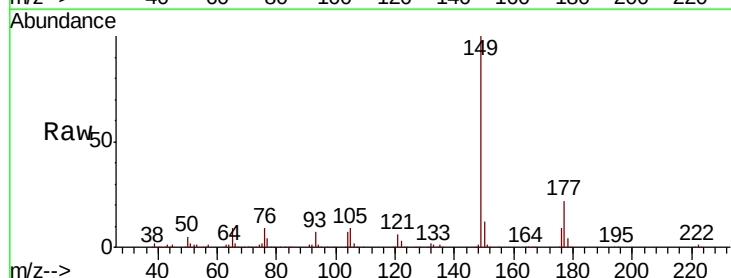


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

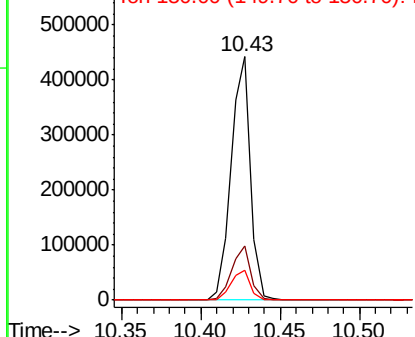


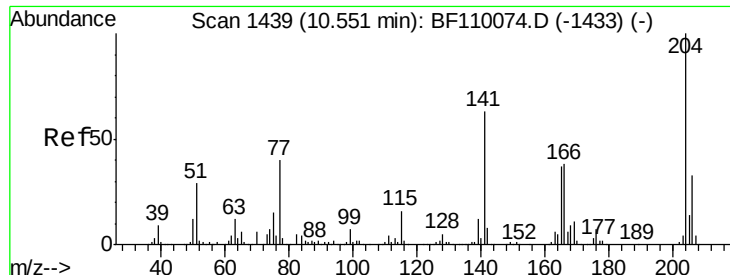
#60
Diethylphthalate
Concen: 39.901 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:149 Resp: 374340
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.4 9.8 14.8



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

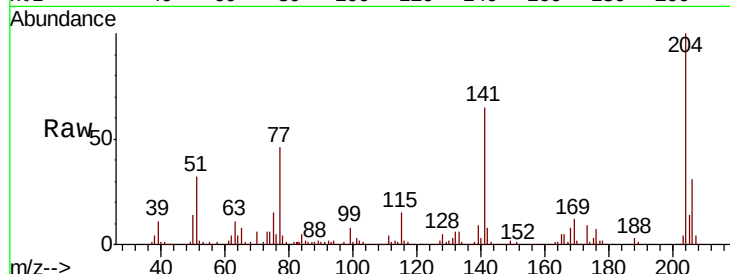




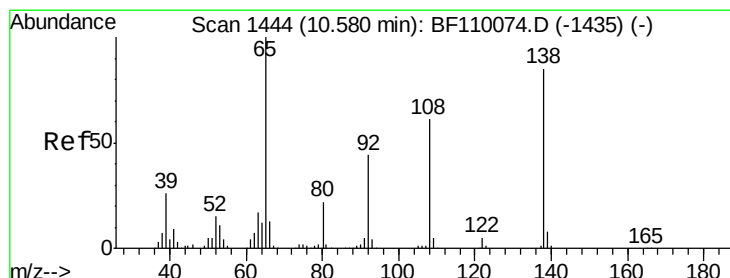
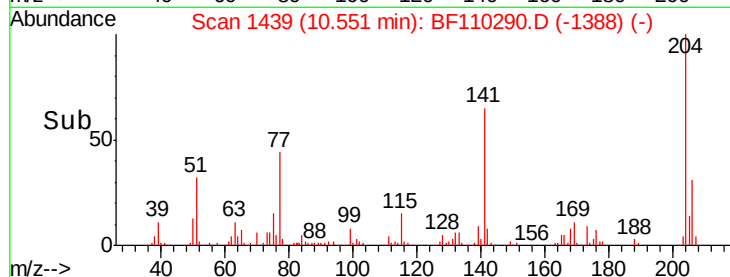
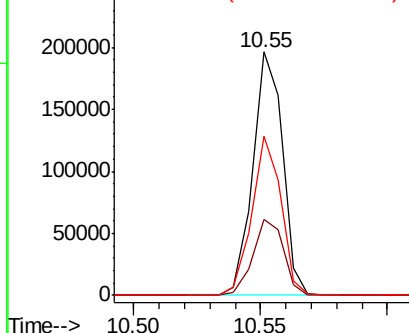
#61
 4-Chlorophenyl-phenylether
 Concen: 35.494 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 161004
 Ion Ratio Lower Upper
 204 100
 206 31.0 26.5 39.7
 141 65.1 51.8 77.8

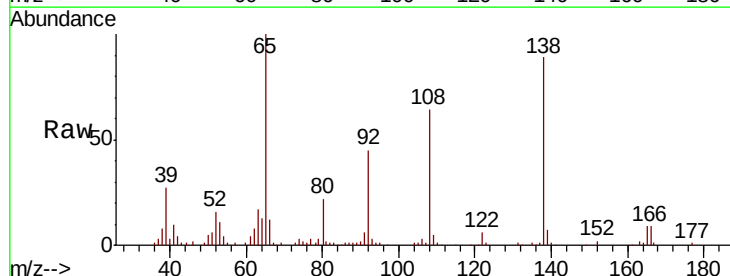


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

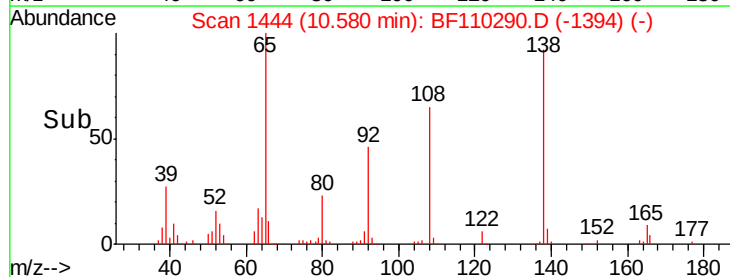
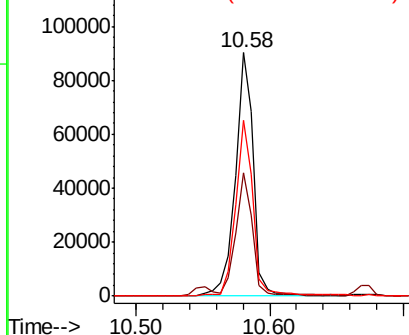


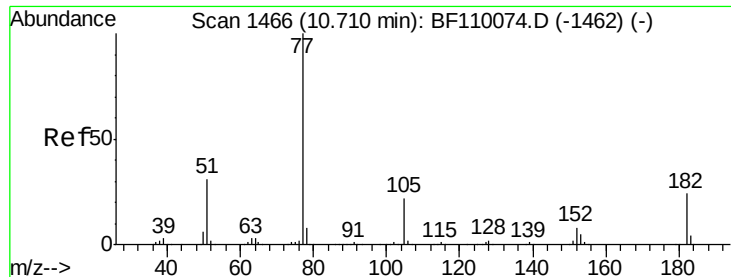
#62
 4-Nitroaniline
 Concen: 35.161 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion:138 Resp: 86094
 Ion Ratio Lower Upper
 138 100
 92 50.4 31.7 71.7
 108 72.3 59.3 99.3



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





#63

Azobenzene

Concen: 33.364 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 310696

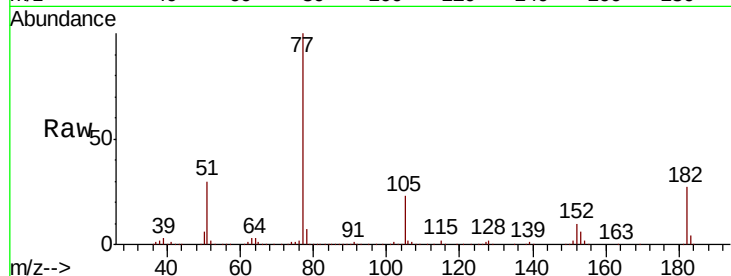
Ion Ratio Lower Upper

77 100

182 27.1 4.3 44.3

105 23.0 1.3 41.3

51 30.1 9.0 49.0

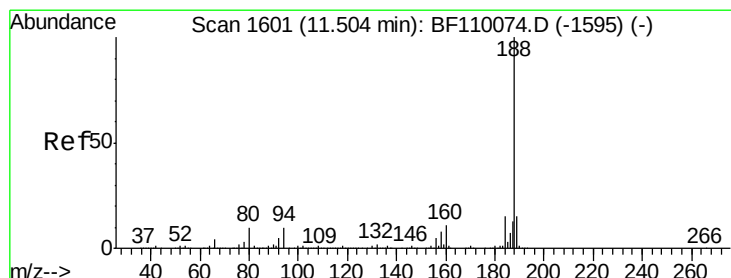
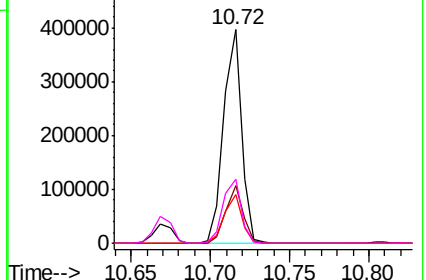
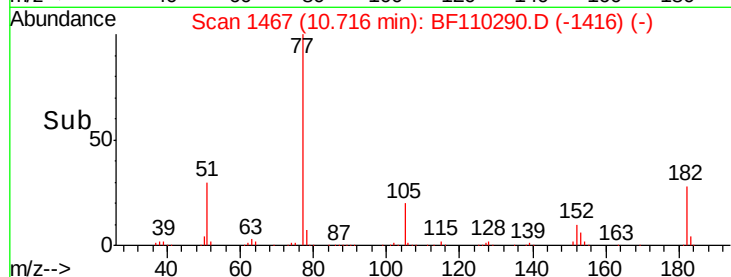


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

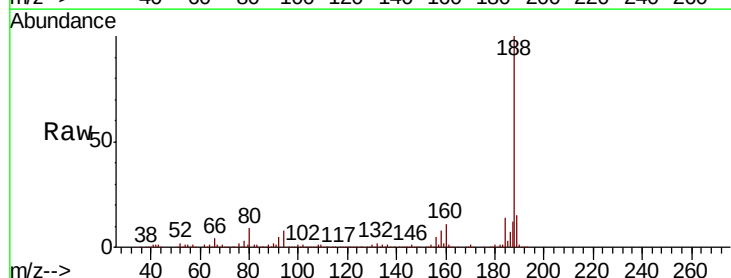
Tgt Ion: 188 Resp: 205551

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

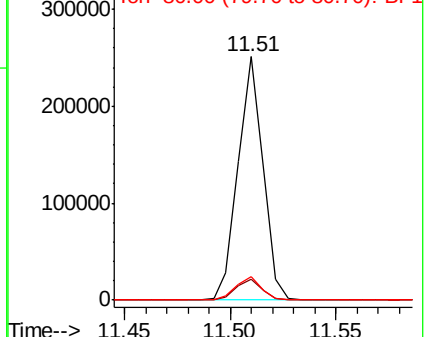
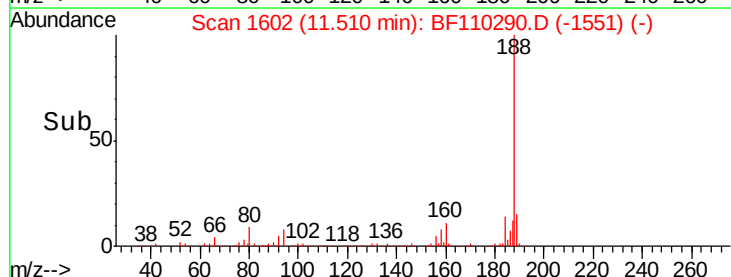
80 9.4 7.9 11.9

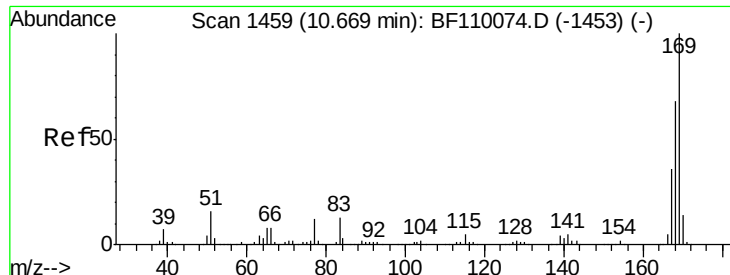


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

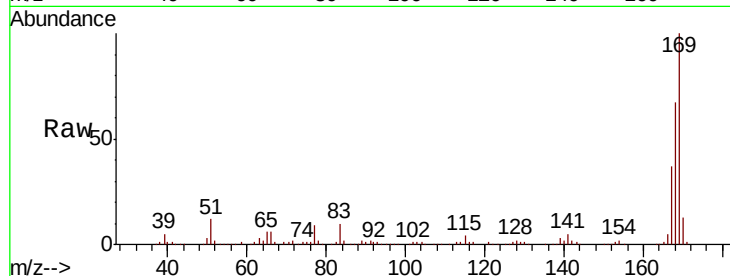




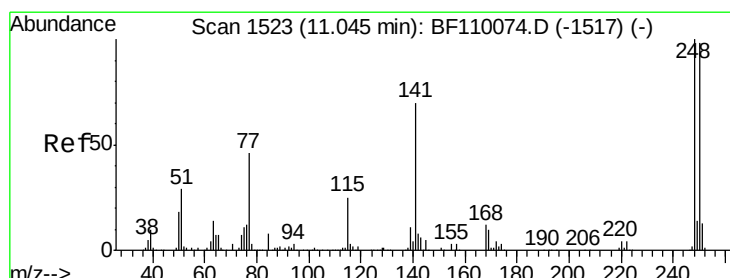
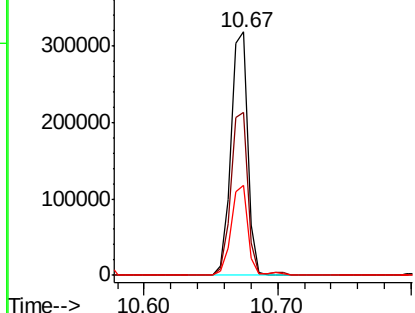
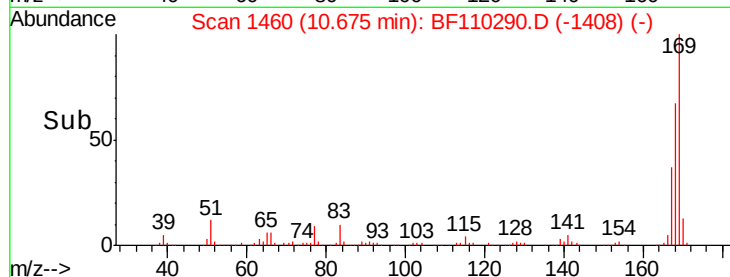
#66
 n-Nitrosodiphenylamine
 Concen: 42.423 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 286017
 Ion Ratio Lower Upper
 169 100
 168 66.9 51.2 76.8
 167 36.9 27.8 41.6

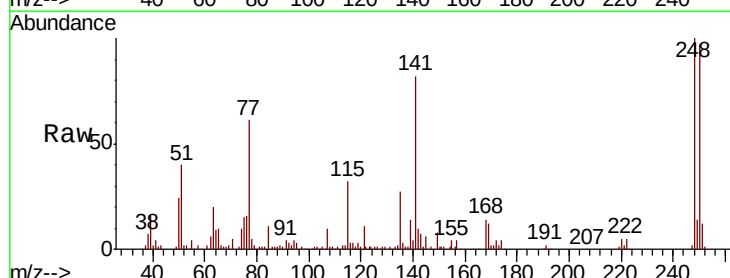


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

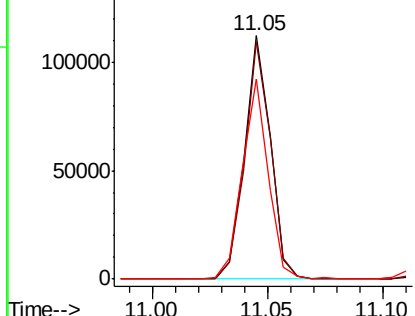
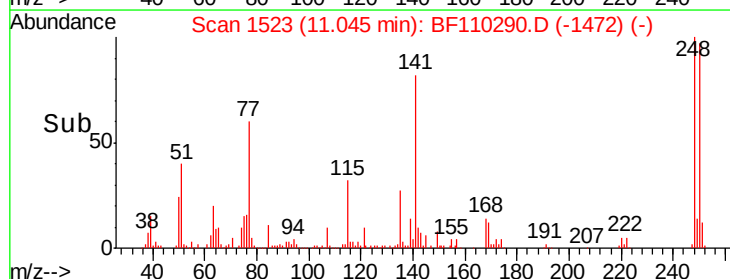


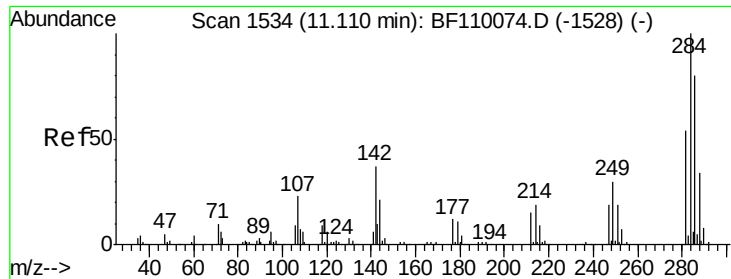
#67
 4-Bromophenyl-phenylether
 Concen: 39.636 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion:248 Resp: 88374
 Ion Ratio Lower Upper
 248 100
 250 97.4 79.4 119.2
 141 82.3 55.9 83.9



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: 37.484 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

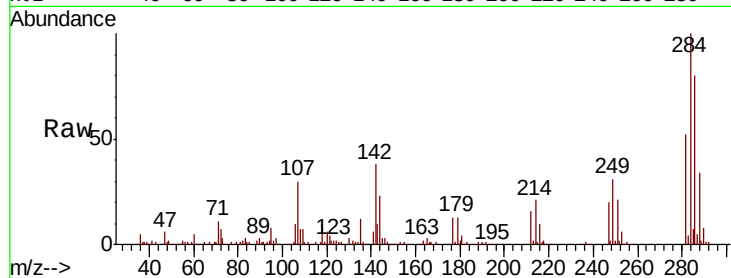
Tot Ion:284 Resp: 88676

Ion Ratio Lower Upper

284 100

142 38.4 23.9 35.9#

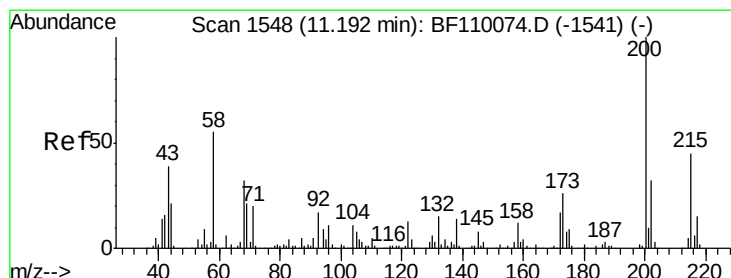
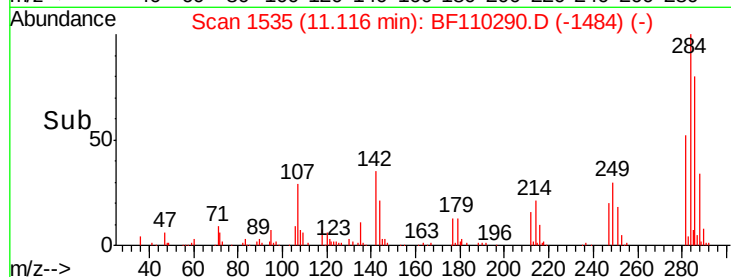
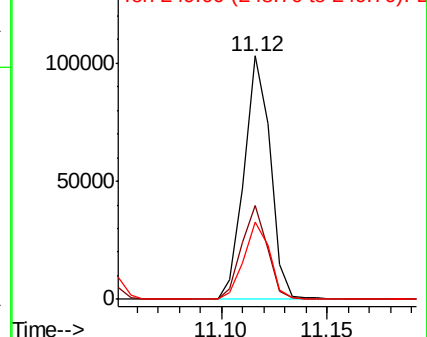
249 31.5 24.2 36.2



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: 28.232 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

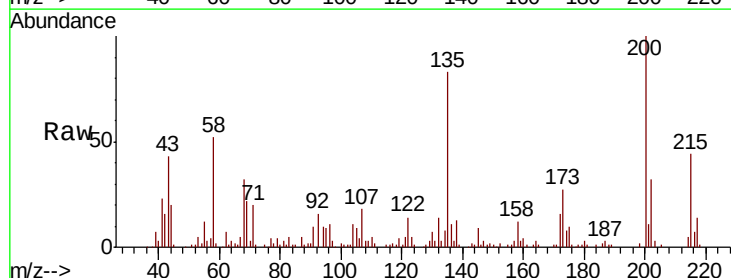
Tgt Ion:200 Resp: 60153

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

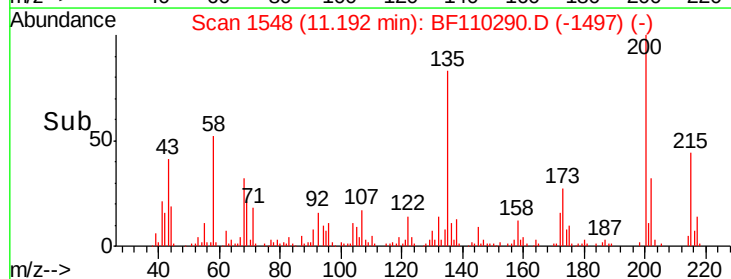
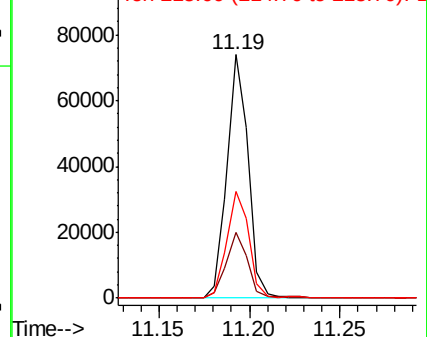
215 43.9 26.3 66.3

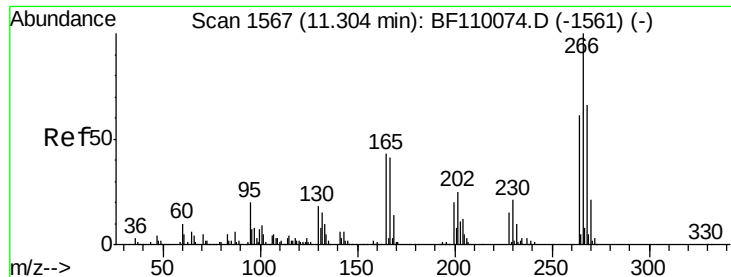


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

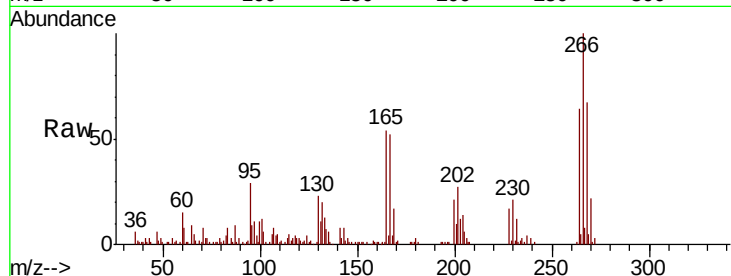




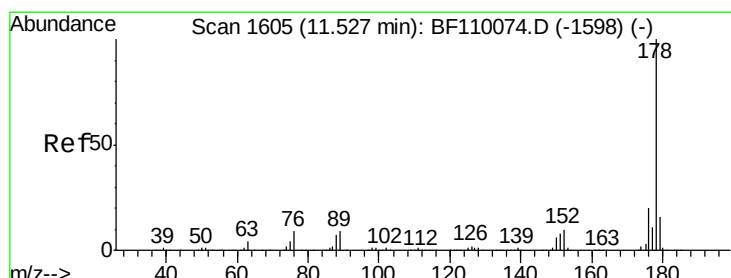
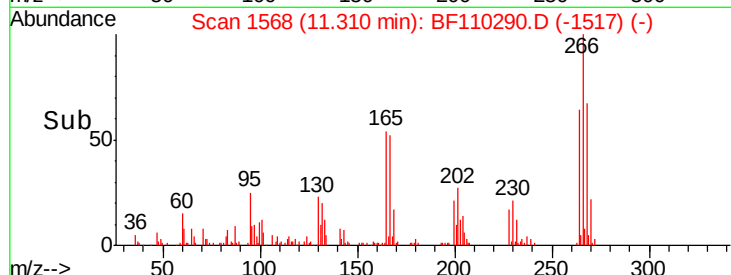
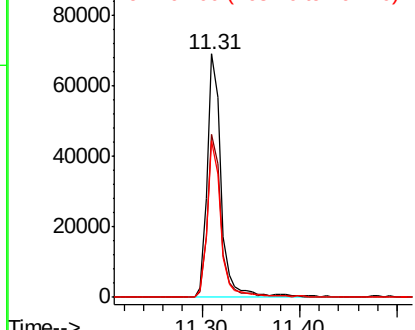
#70
 Pentachlorophenol
 Concen: 49.774 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 68662
 Ion Ratio Lower Upper
 266 100
 268 67.0 50.6 75.8
 264 64.2 50.6 75.8

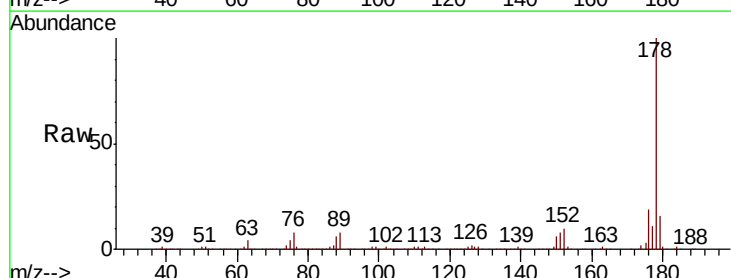


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

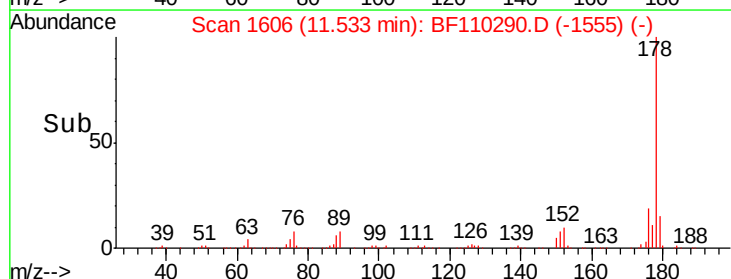
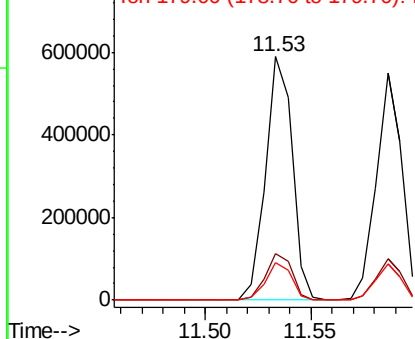


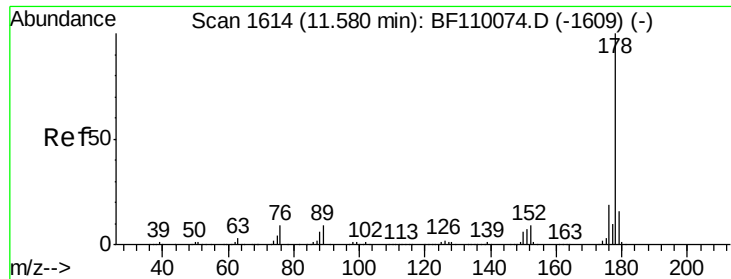
#71
 Phenanthrene
 Concen: 48.356 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion:178 Resp: 520088
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.5 12.5 18.7



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





#72

Anthracene

Concen: 43.770 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

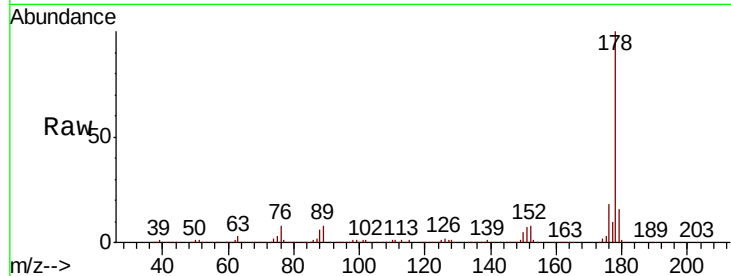
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 471860

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.0	12.6	18.8

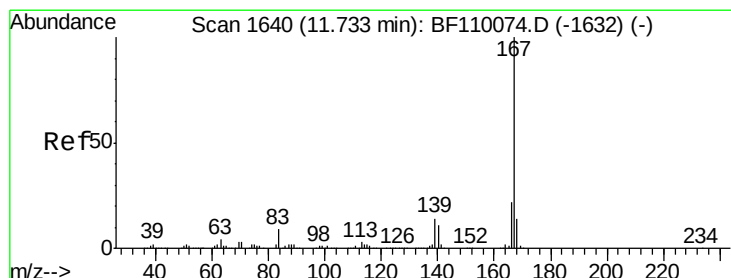
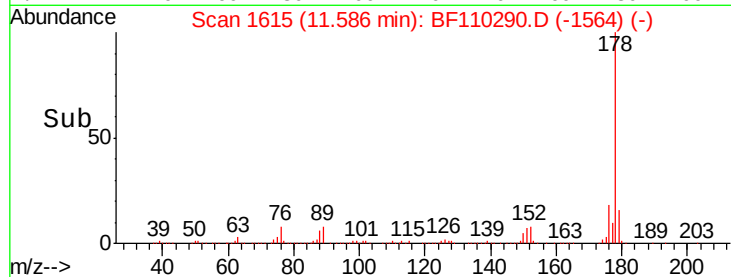
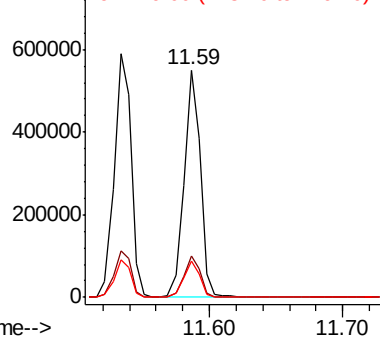


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 38.761 ng

RT: 11.74 min Scan# 1641

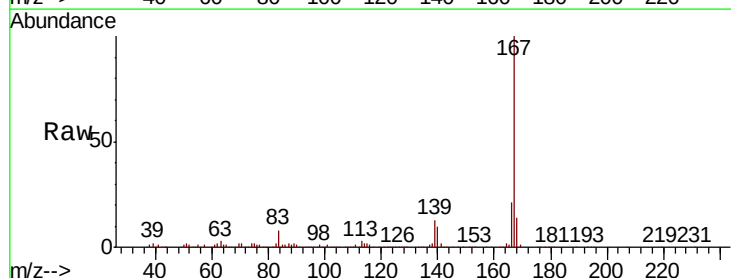
Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:167 Resp: 407997

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.2	10.9	16.3

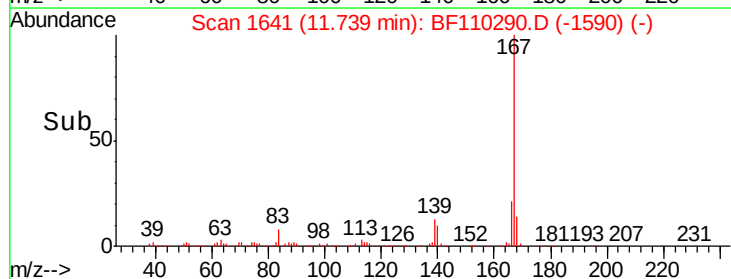
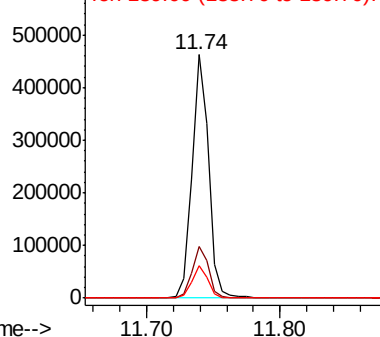


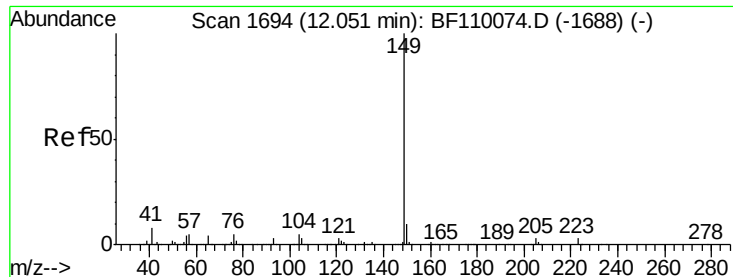
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

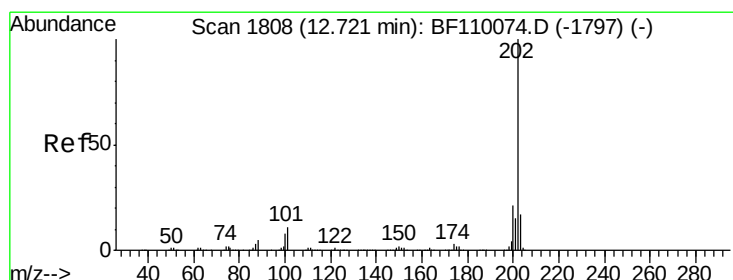
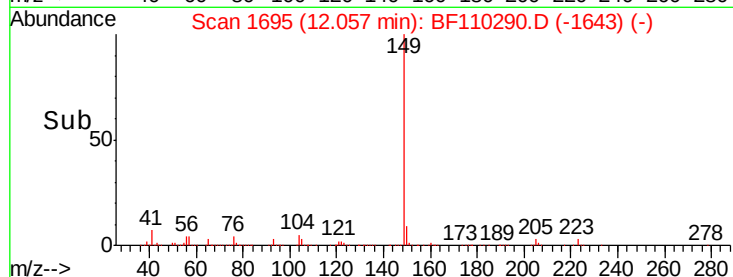
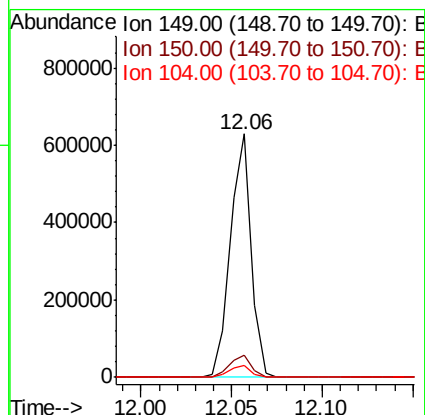
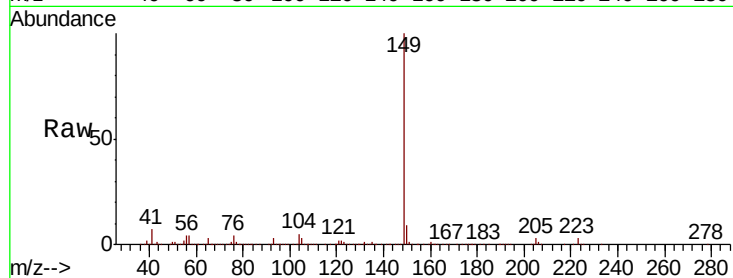




#74
Di-n-butylphthalate
Concen: 42.247 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

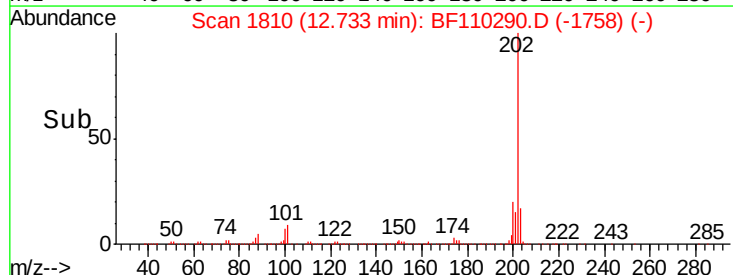
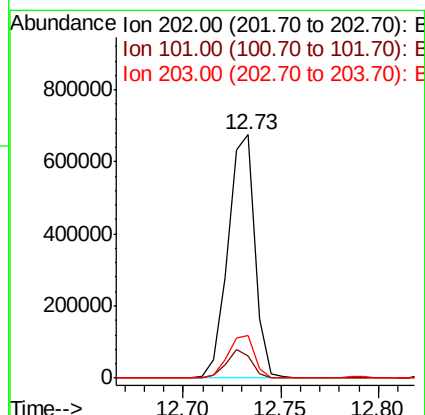
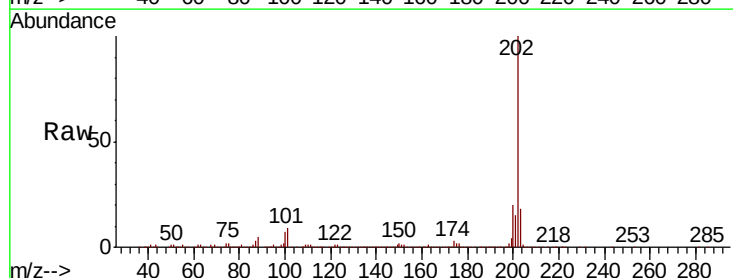
Instrument :
BNA_F
ClientSampleId :

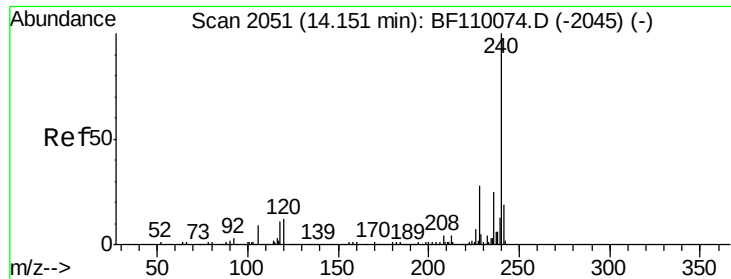
Tot Ion:149 Resp: 502236
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.7 4.2 6.4



#75
Fluoranthene
Concen: 59.152 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:202 Resp: 645677
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 17.6 0.0 37.7

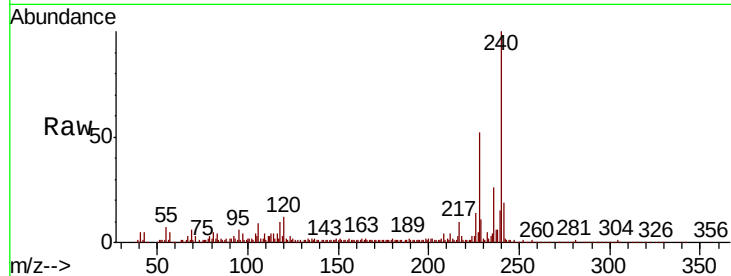




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.1	21.2	31.8

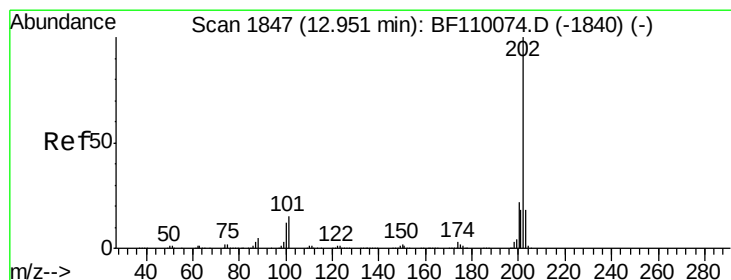
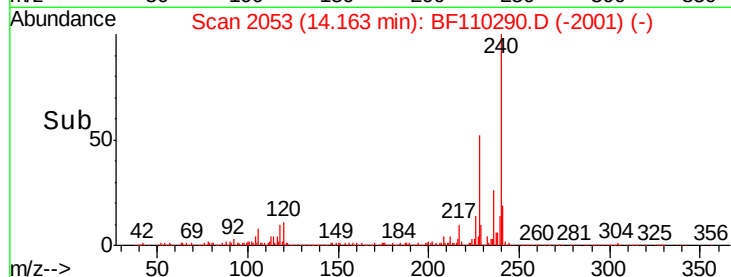
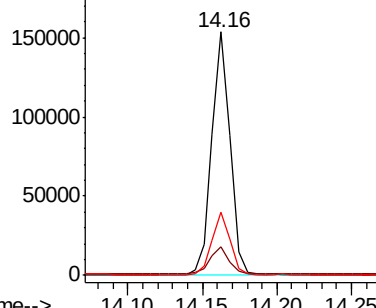


Abundance

Ion 240.00 (239.70 to 240.70): E

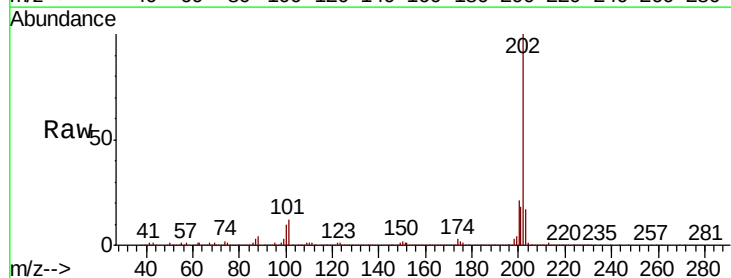
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 64.291 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.3	14.2	21.4

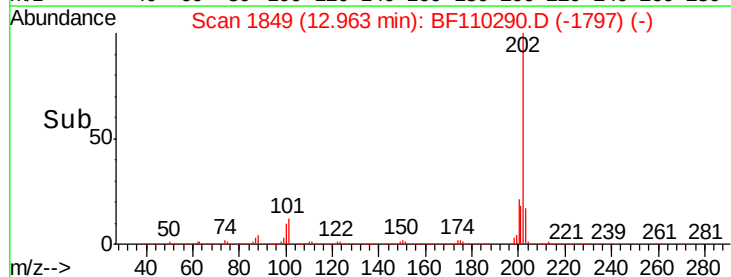
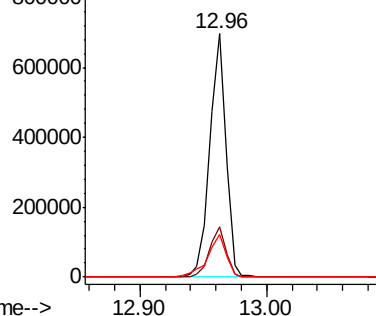


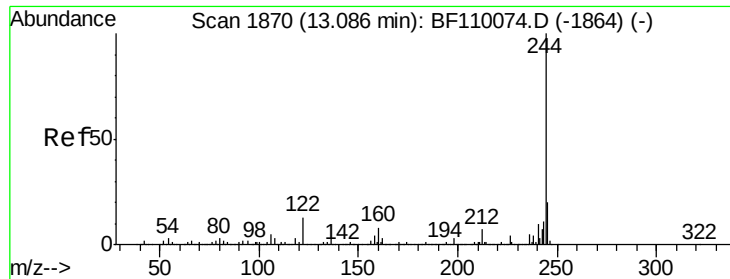
Abundance

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

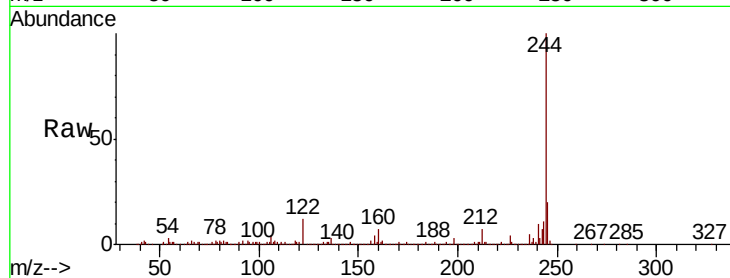




#79
 Terphenyl-d14
 Concen: 82.071 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.9	8.7	13.1

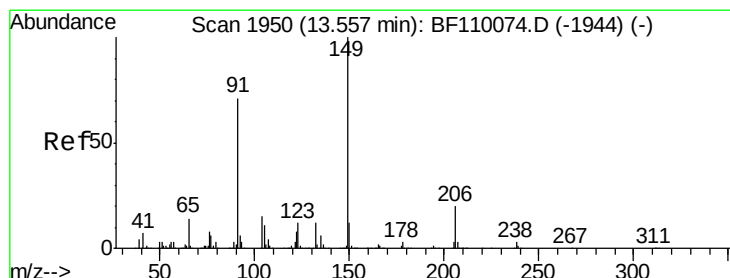
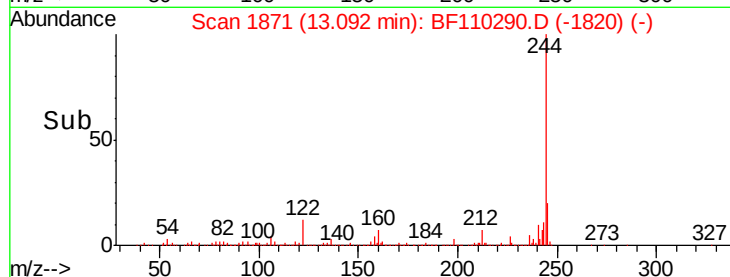
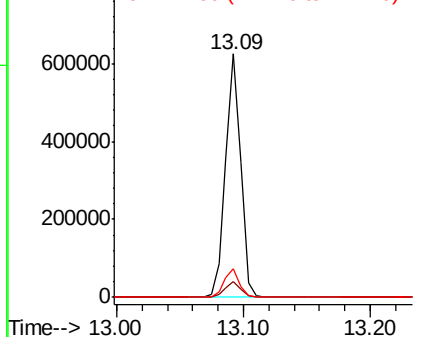


Abundance

Ion 244.00 (243.70 to 244.70): E

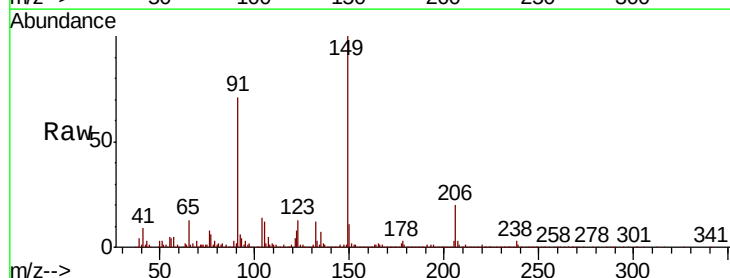
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 52.325 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.2	85.8
206	20.1	15.7	23.5

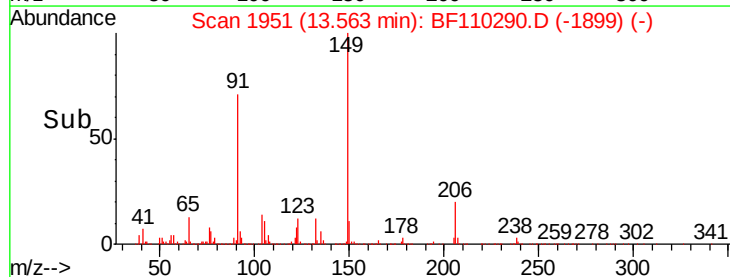
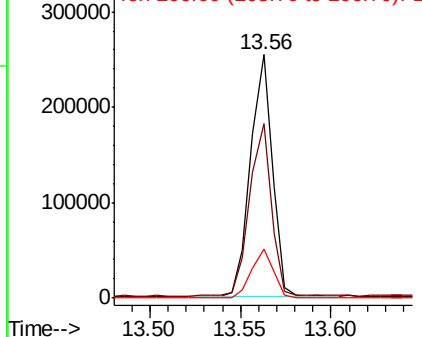


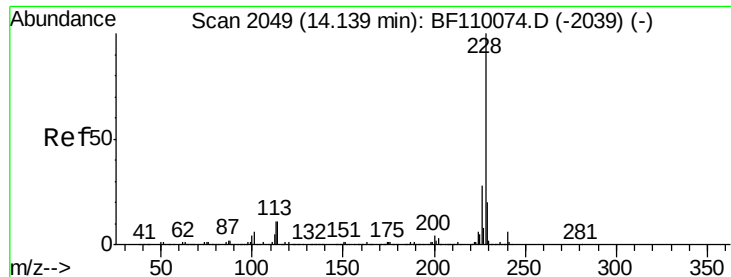
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.377 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

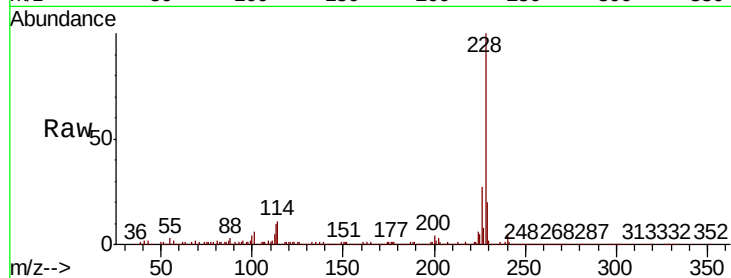
Tot Ion:228 Resp: 415268

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 20.0 15.6 23.4

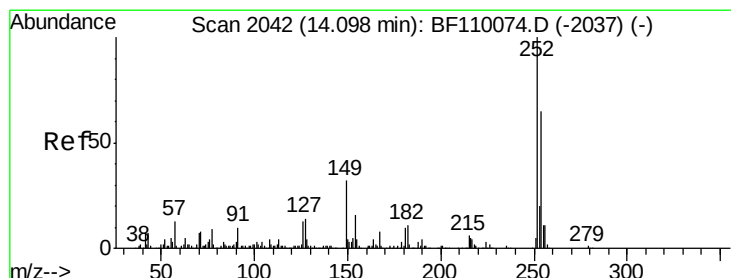
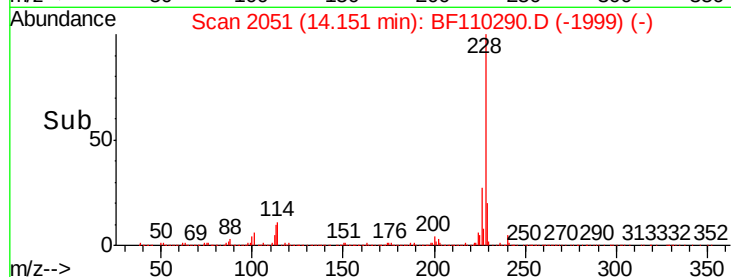
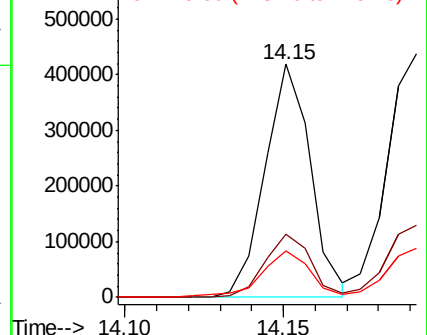


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.956 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

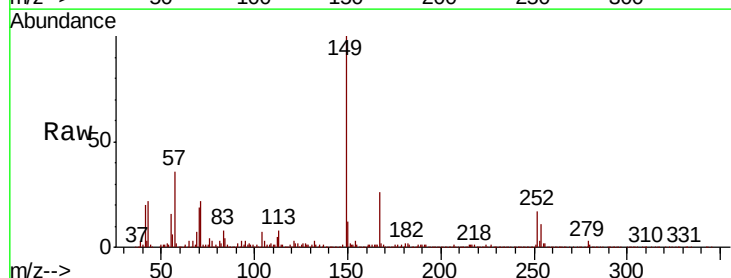
Tgt Ion:252 Resp: 48644

Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

126 11.1 9.4 14.2

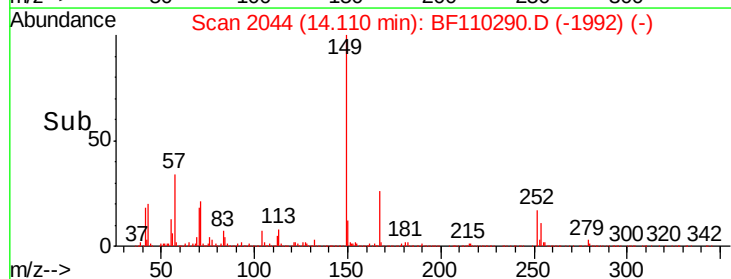
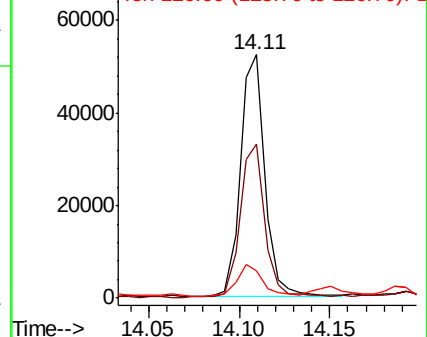


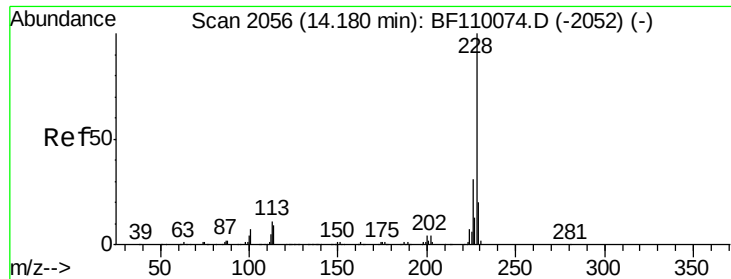
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.212 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampled :

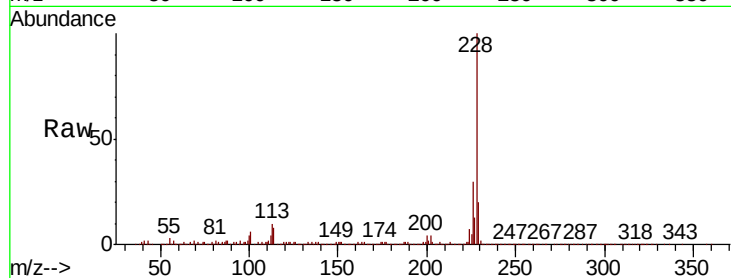
Tot Ion:228 Resp: 393204

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

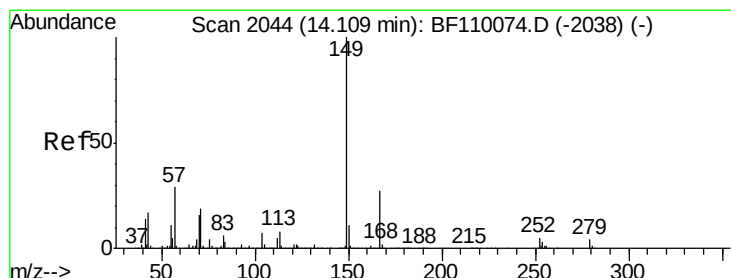
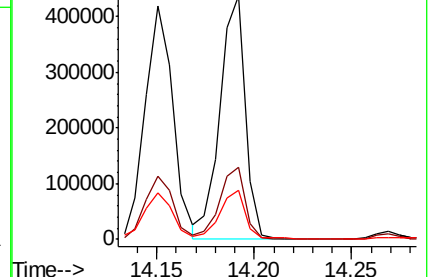
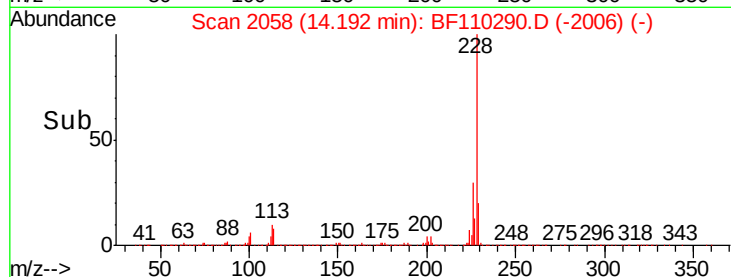
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.886 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

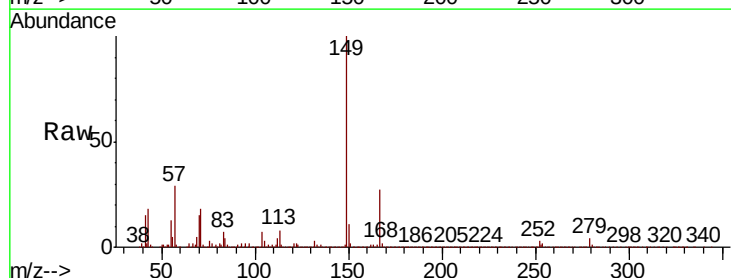
Tgt Ion:149 Resp: 407731

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

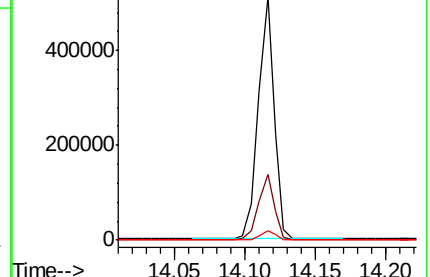
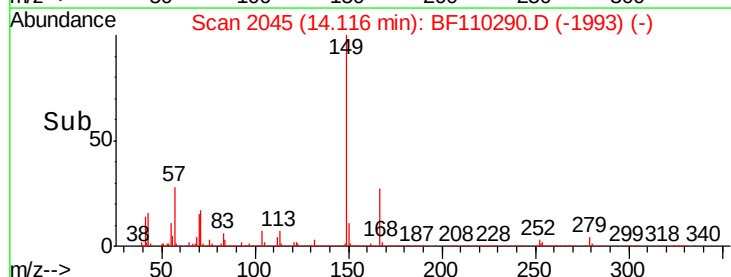
279 3.8 2.7 4.1

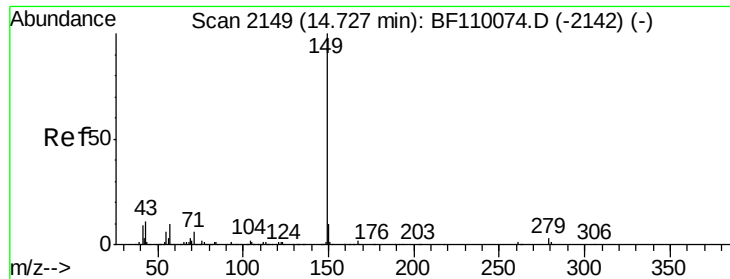


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

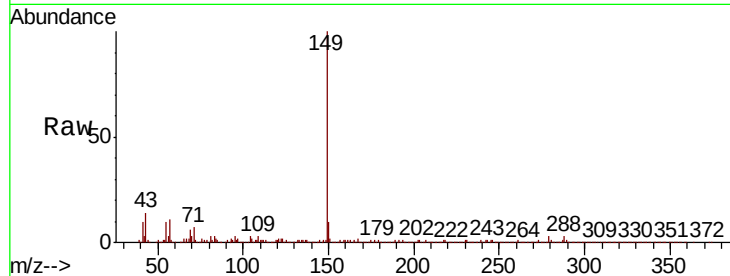




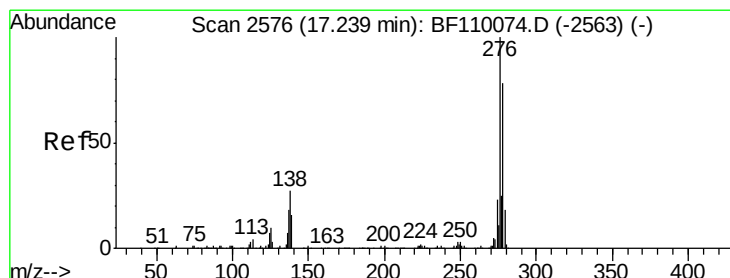
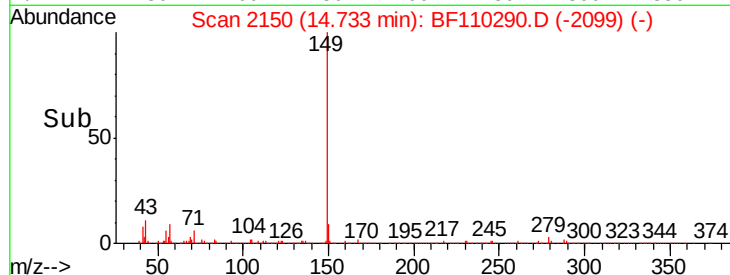
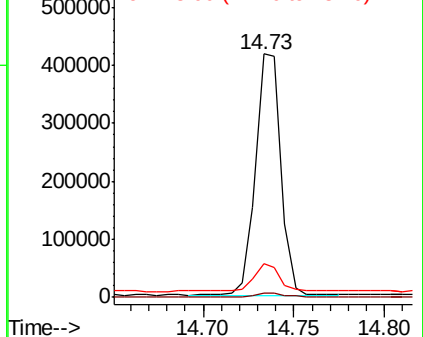
#85
Di-n-octyl phthalate
Concen: 47.039 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 403626
Ion Ratio Lower Upper
149 100
167 1.8 1.1 1.7#
43 11.3 7.8 11.8

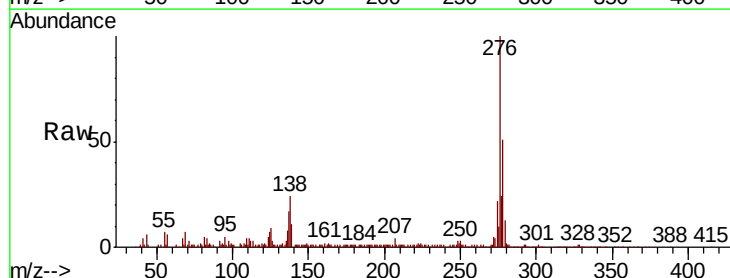


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

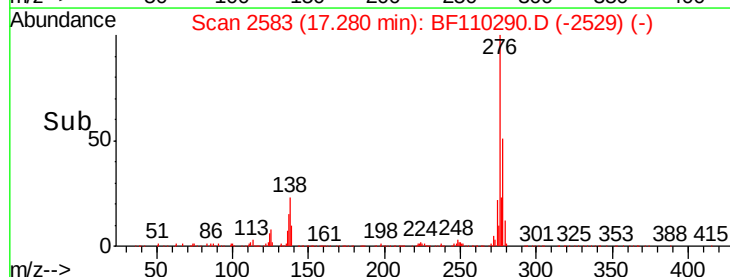
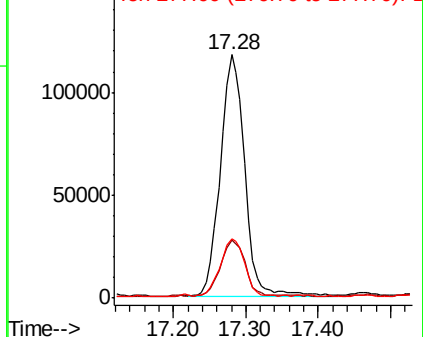


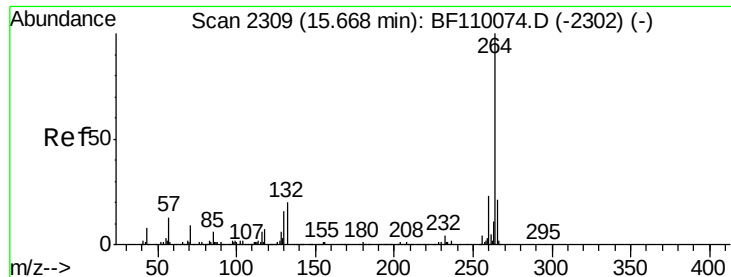
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.224 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:276 Resp: 271099
Ion Ratio Lower Upper
276 100
138 23.9 18.5 27.7
277 23.7 20.0 30.0



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: 15.70 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

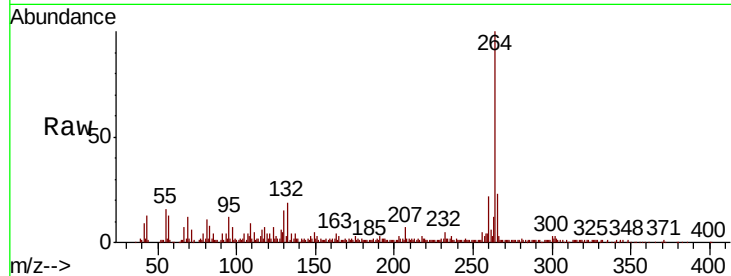
Tot Ion:264 Resp: 99222

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

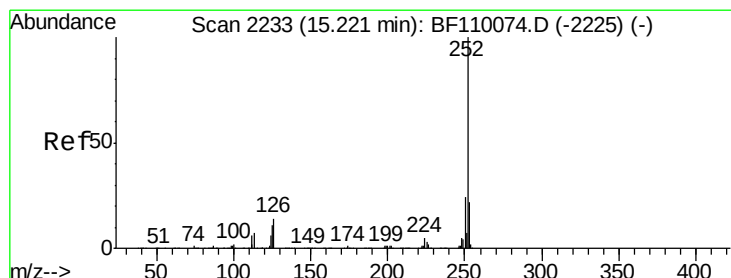
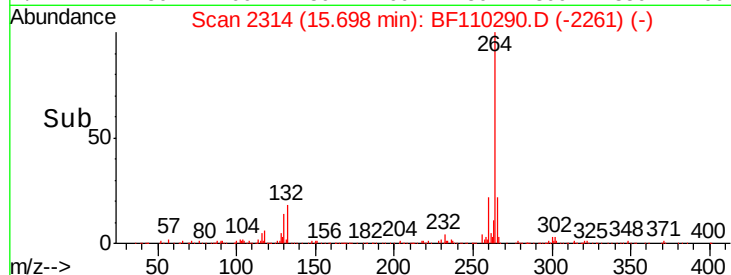
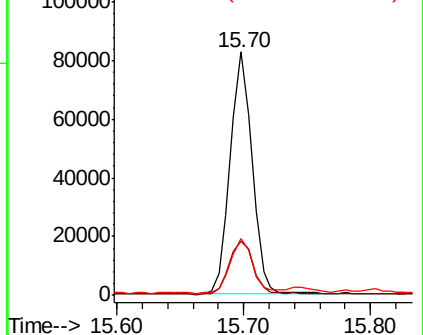
265 23.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 63.423 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

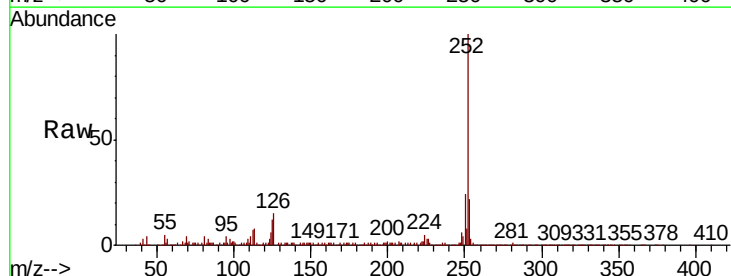
Tgt Ion:252 Resp: 363393

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

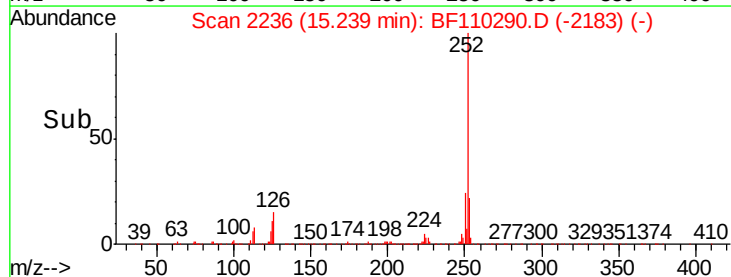
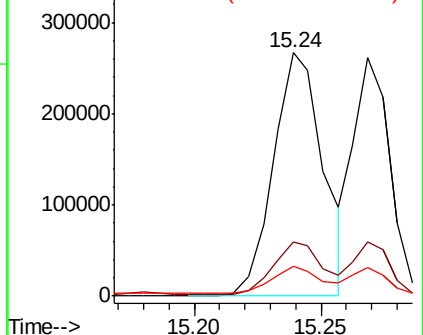
125 12.0 8.2 12.4

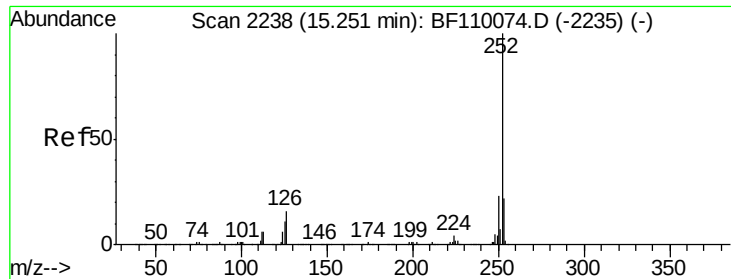


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

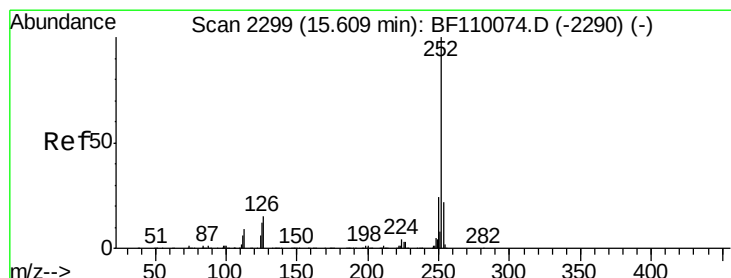
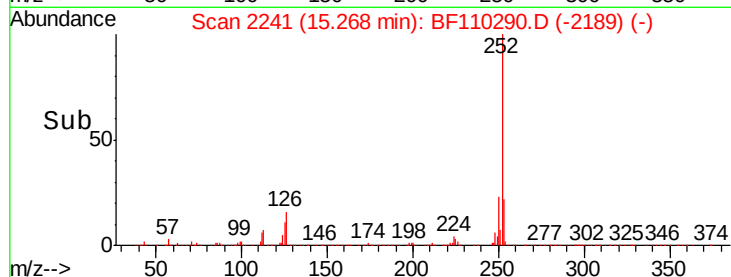
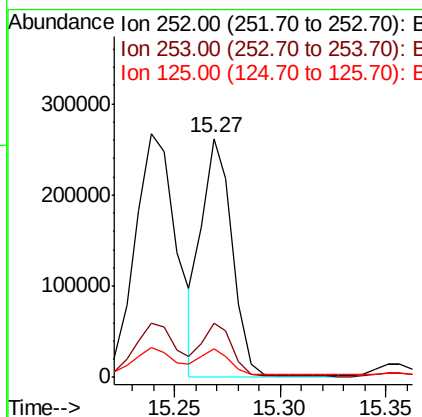
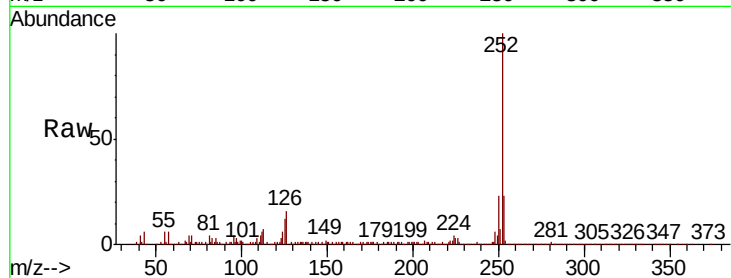




#89
Benzo(k)fluoranthene
Concen: 46.642 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

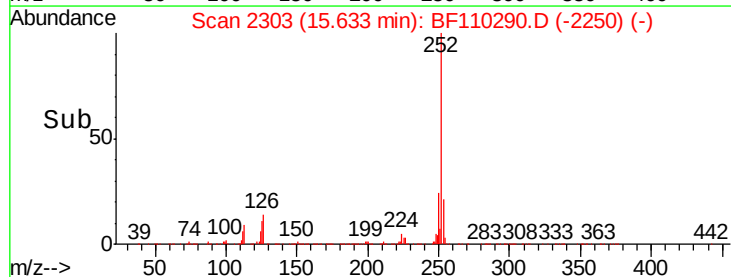
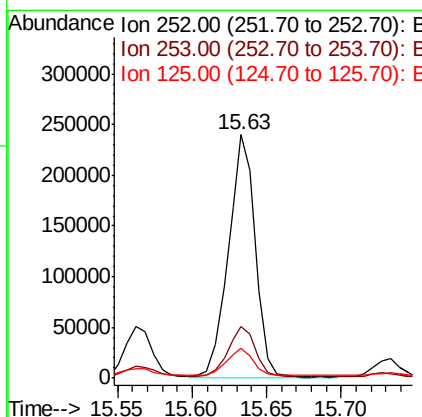
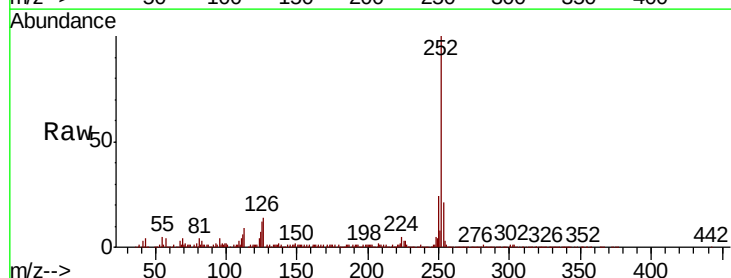
Instrument :
BNA_F
ClientSampleId :

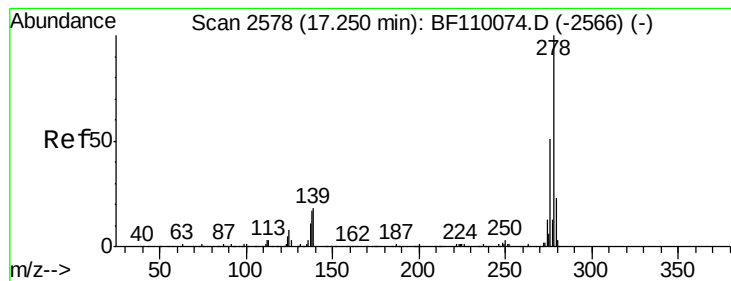
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.9	7.4	11.0



#90
Benzo(a)pyrene
Concen: 57.152 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	12.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.049 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.02 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

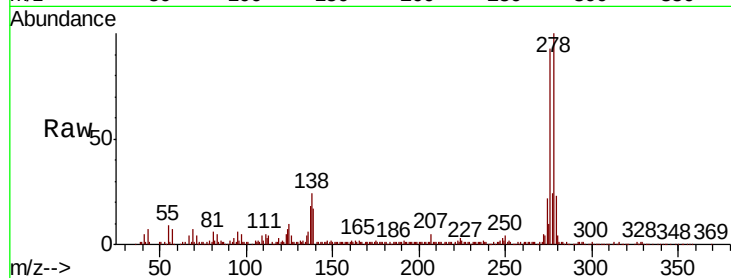
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 186739

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	22.8	19.0	28.4

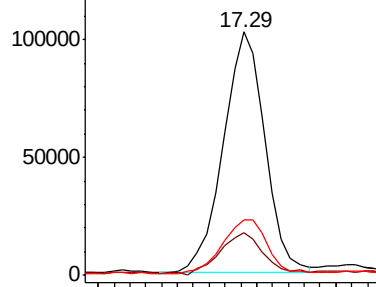


Abundance

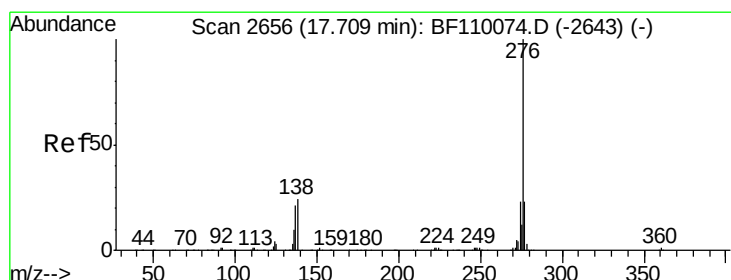
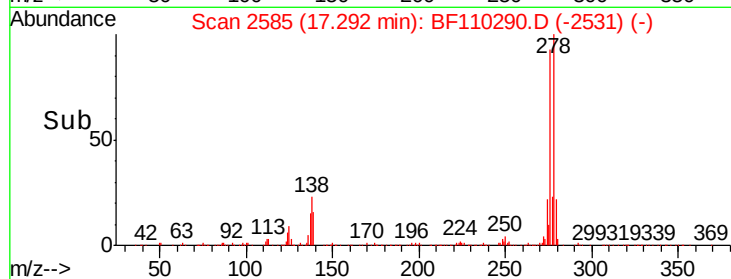
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 49.545 ng

RT: 17.76 min Scan# 2665

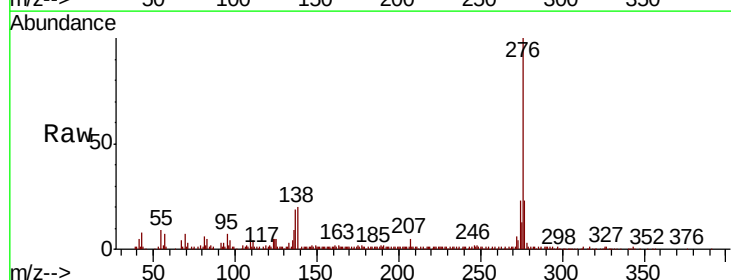
Delta R.T. 0.02 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:276 Resp: 222101

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.7	16.0	24.0

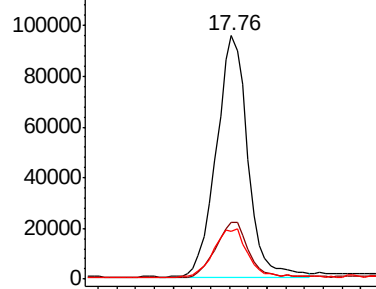


Abundance

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



Time-->

