

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102075.D
 Acq On : 15 Jan 2018 20:54
 Operator : SJ/JU
 Sample : J1117-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:45:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	239467	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	929267	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	365472	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	515875	20.00	ng	0.00
75) Chrysene-d12	13.87	240	372561	20.00	ng	0.00
86) Perylene-d12	15.29	264	361066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1888756	111.38	ng	0.02
7) Phenol-d6	6.37	99	2345307	115.91	ng	0.01
23) Nitrobenzene-d5	7.30	82	1524660	96.41	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	361400	113.31	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2143760	91.64	ng	0.00
78) Terphenyl-d14	12.83	244	1378069	76.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	249360	29.464	ng	97
3) Pyridine	3.21	79	102550	4.437	ng	99
4) n-Nitrosodimethylamine	3.13	42	337722	34.895	ng	98
6) Aniline	6.39	93	328770	11.530	ng	# 93
8) 2-Chlorophenol	6.52	128	590662	34.728	ng	94
9) Benzaldehyde	6.27	77	112015	7.973	ng	97
10) Phenol	6.39	94	763686	33.399	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	590892	33.951	ng	95
12) 1,3-Dichlorobenzene	6.66	146	635847	32.431	ng	99
13) 1,4-Dichlorobenzene	6.74	146	647535	33.098	ng	99
14) 1,2-Dichlorobenzene	6.90	146	583450	32.220	ng	97
15) Benzyl Alcohol	6.87	79	497023	33.582	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1024379	31.929	ng	99
17) 2-Methylphenol	6.99	107	499051	32.526	ng	99
18) Hexachloroethane	7.23	117	219285	31.829	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	421702	31.804	ng	99
20) 3+4-Methylphenols	7.14	107	548277	29.762	ng	# 68
22) Acetophenone	7.14	105	828621	37.009	ng	# 89
24) Nitrobenzene	7.32	77	624725	36.765	ng	95
25) Isophorone	7.55	82	1173724	37.564	ng	99
26) 2-Nitrophenol	7.63	139	319778	44.962	ng	90
27) 2,4-Dimethylphenol	7.66	122	451647	34.003	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	746801	39.584	ng	99
29) 2,4-Dichlorophenol	7.87	162	483408	38.328	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	472611	35.825	ng	99
31) Naphthalene	8.03	128	1638556	35.288	ng	99
32) Benzoic acid	7.73	122	49626	4.927	ng	96
33) 4-Chloroaniline	8.08	127	353367	17.830	ng	98
34) Hexachlorobutadiene	8.15	225	241657	34.606	ng	96
35) Caprolactam	8.45	113	80072	18.493	ng	# 83
36) 4-Chloro-3-methylphenol	8.56	107	512287	37.107	ng	100
37) 2-Methylnaphthalene	8.72	142	1101536	36.035	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	410077	39.661	ng	99
40) Hexachlorocyclopentadiene	8.87	237	128121	22.658	ng	96

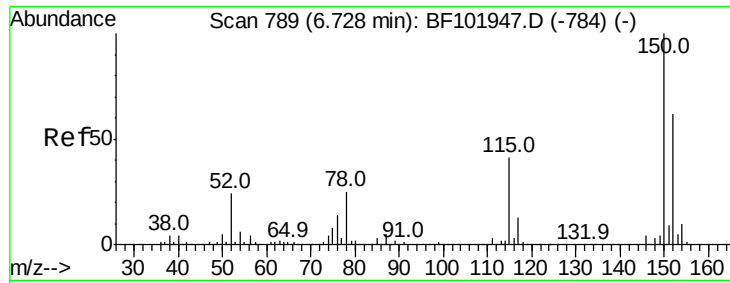
Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	293157	41.145	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	299784	37.226	nq	99
45) 1,1'-Biphenyl	9.19	154	1209477	37.441	nq	99
46) 2-Chloronaphthalene	9.21	162	911611	36.391	nq	99
47) 2-Nitroaniline	9.31	65	322535	42.983	nq	97
48) Acenaphthylene	9.62	152	1362376	34.270	nq	98
49) Dimethylphthalate	9.49	163	1353315	46.159	nq	99
50) 2,6-Dinitrotoluene	9.55	165	246525	42.095	nq	98
51) Acenaphthene	9.79	154	790147	32.746	nq	99
52) 3-Nitroaniline	9.72	138	246900	33.405	nq	98
53) 2,4-Dinitrophenol	9.82	184	33621	22.054	nq	# 23
54) Dibenzofuran	9.97	168	1154269	34.856	nq	98
55) 4-Nitrophenol	9.88	139	367917	66.796	nq	96
56) 2,4-Dinitrotoluene	9.95	165	293260	39.952	nq	# 97
57) Fluorene	10.31	166	836818	36.554	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	206224	35.970	nq	# 99
59) Diethylphthalate	10.19	149	963193	33.027	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	370874	38.046	nq	95
61) 4-Nitroaniline	10.33	138	233476	33.285	nq	93
62) Azobenzene	10.46	77	954246	32.887	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	37778	17.555	nq	93
65) n-Nitrosodiphenylamine	10.42	169	759477	39.316	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	228806	41.999	nq	91
67) Hexachlorobenzene	10.85	284	227030	38.173	nq	98
68) Atrazine	10.95	200	245470	43.970	nq	99
69) Pentachlorophenol	11.05	266	202757	55.907	nq	99
70) Phenanthrene	11.27	178	1095334	36.349	nq	99
71) Anthracene	11.32	178	1097903	35.924	nq	100
72) Carbazole	11.47	167	1018594	33.909	nq	100
73) Di-n-butylphthalate	11.80	149	1360767	36.924	nq	99
74) Fluoranthene	12.45	202	968911	32.681	nq	98
77) Pyrene	12.67	202	983139	29.854	nq	100
79) Butylbenzylphthalate	13.30	149	488040	32.292	nq	98
80) Benzo(a)anthracene	13.86	228	812520	34.182	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	199834	22.705	nq	99
82) Chrysene	13.90	228	840331	33.903	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	595524	34.349	nq	# 100
84) Di-n-octyl phthalate	14.47	149	1192807	41.460	nq	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	688600	38.170	nq	98
87) Benzo(b)fluoranthene	14.89	252	839144	35.643	nq	97
88) Benzo(k)fluoranthene	14.92	252	790247	34.796	nq	100
89) Benzo(a)pyrene	15.23	252	758993	35.827	nq	98
90) Dibenzo(a,h)anthracene	16.68	278	578296	34.206	nq	97
91) Benzo(g,h,i)perylene	17.08	276	545590	32.037	nq	98

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

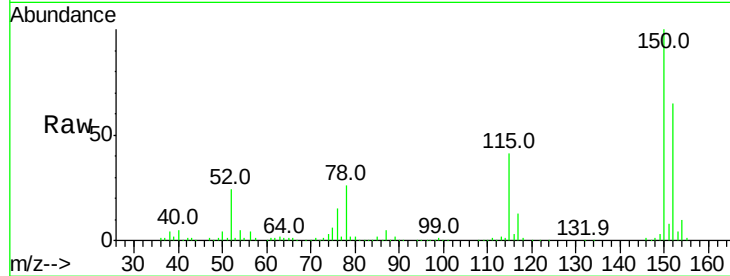


#1

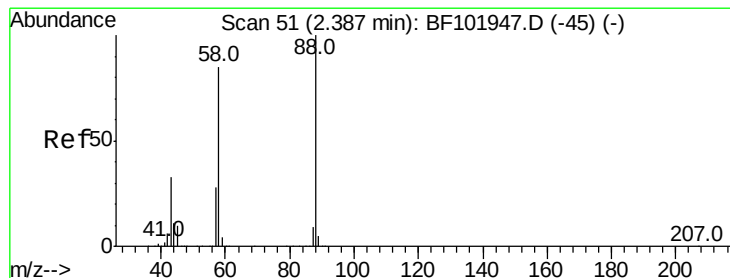
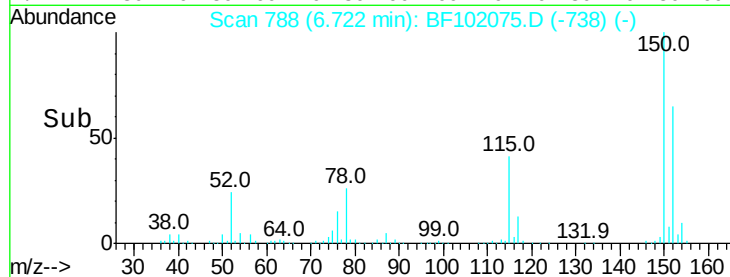
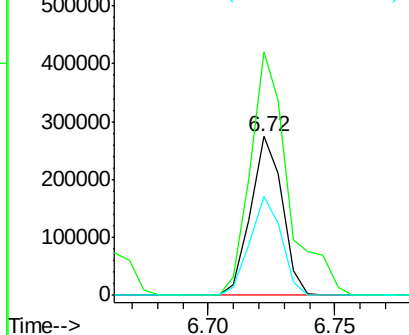
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 239467
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 62.5 50.1 75.1



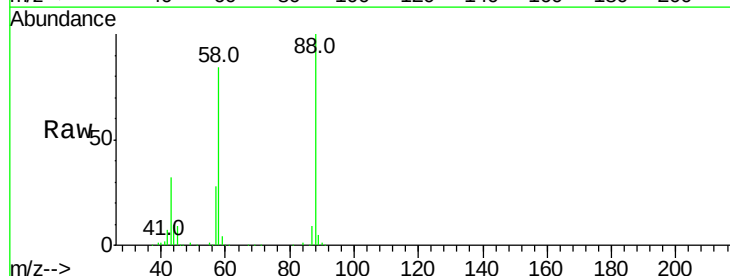
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



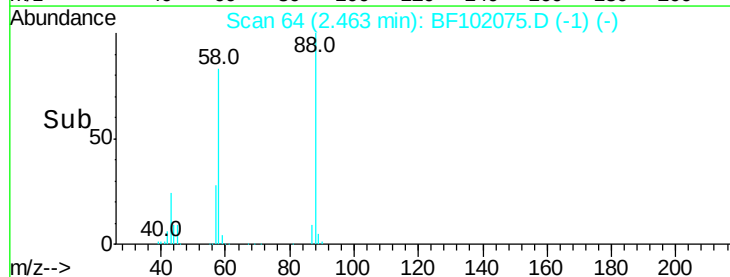
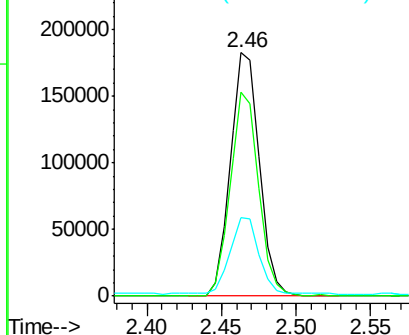
#2

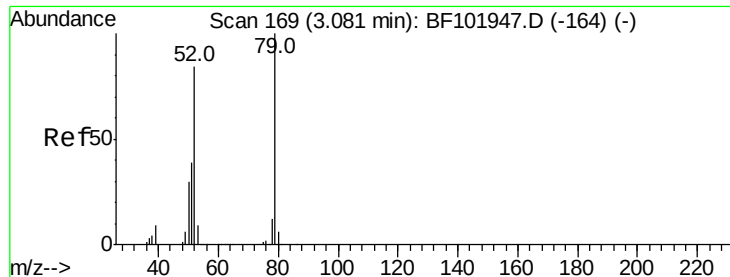
1,4-Dioxane
Concen: 29.464 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.07 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion: 88 Resp: 249360
Ion Ratio Lower Upper
88 100
58 82.1 62.6 93.8
43 31.3 24.6 37.0



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: 4.437 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.12 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

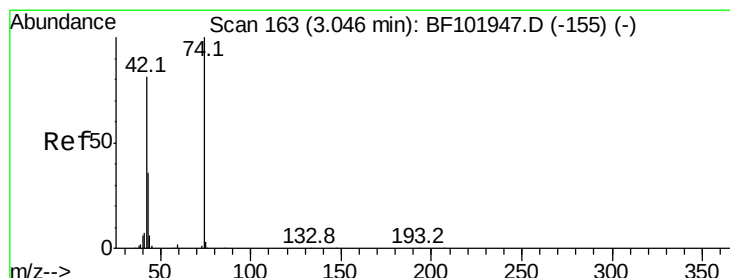
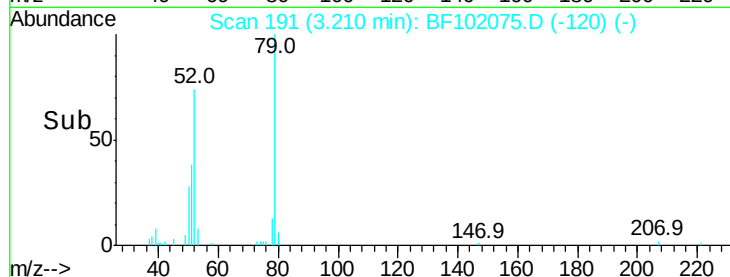
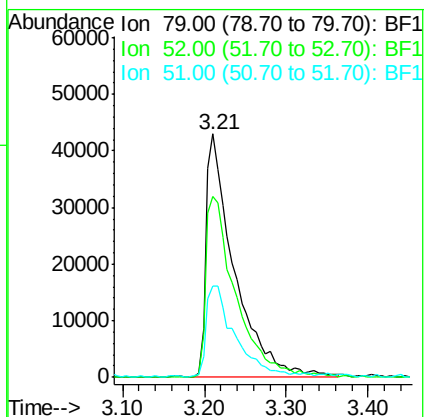
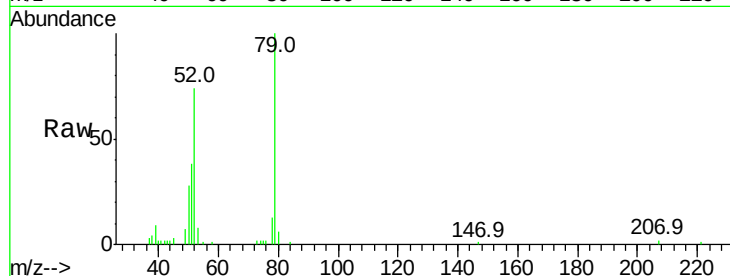
Tot Ion: 79 Resp: 102550

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 37.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.895 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.08 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

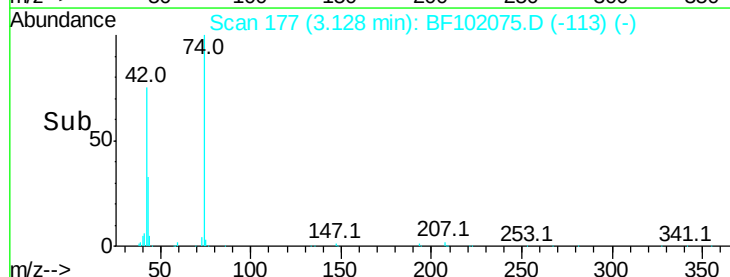
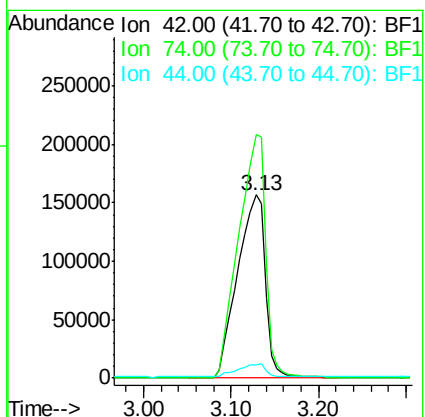
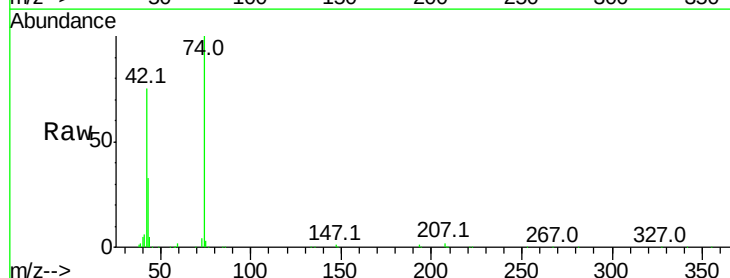
Tgt Ion: 42 Resp: 337722

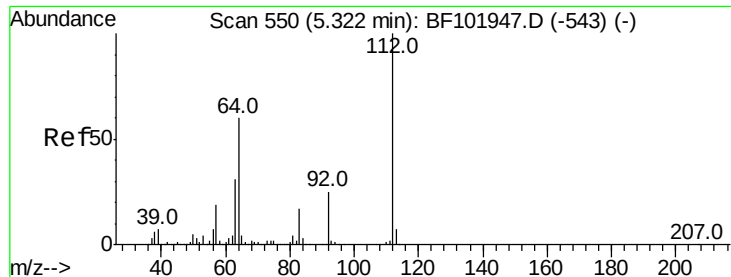
Ion Ratio Lower Upper

42 100

74 132.9 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 111.376 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :
BNA_F
ClientSampleId :

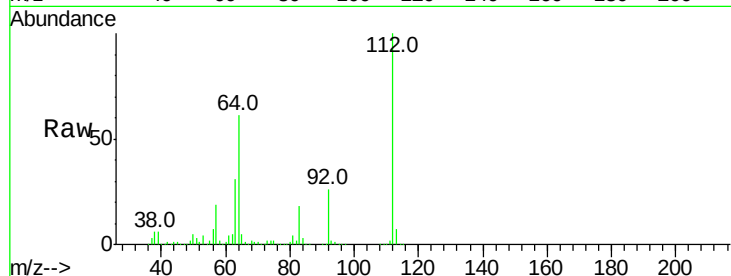
Tot Ion:112 Resp: 1888756

Ion Ratio Lower Upper

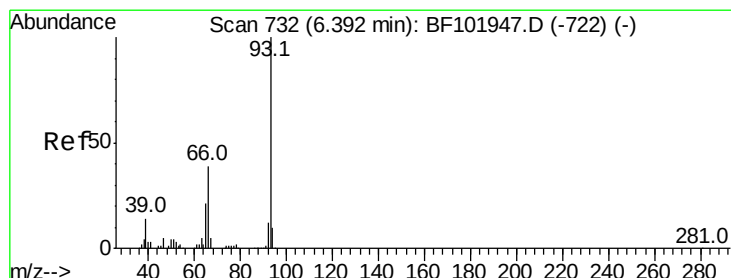
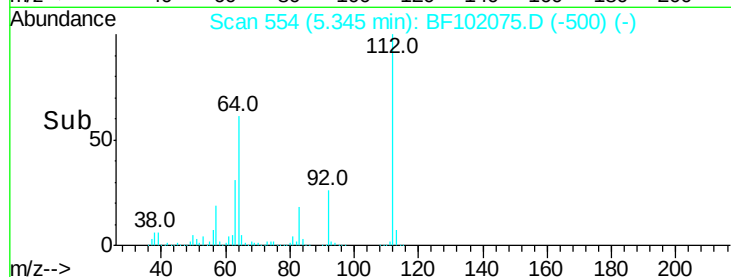
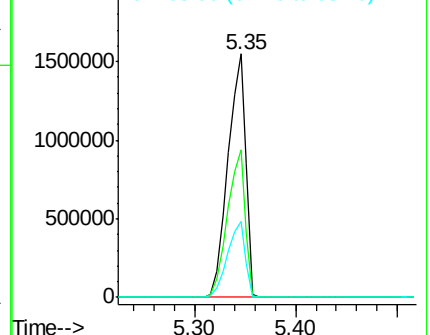
112 100

64 60.6 47.9 71.9

63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.530 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

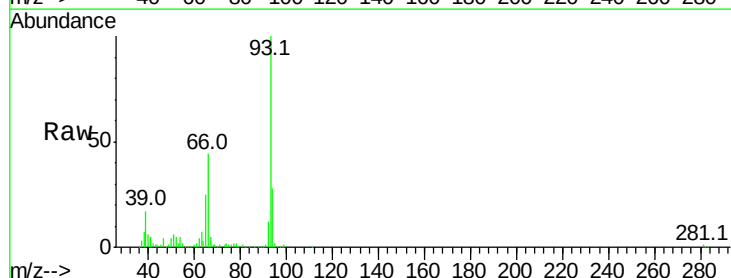
Tgt Ion: 93 Resp: 328770

Ion Ratio Lower Upper

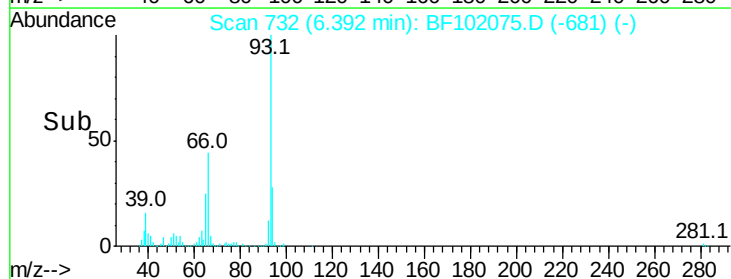
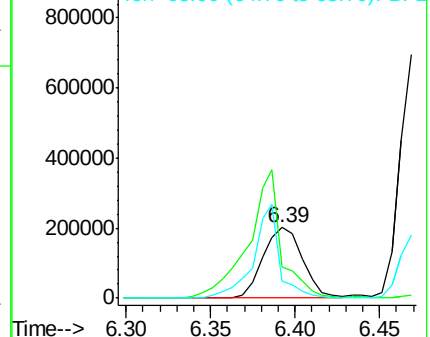
93 100

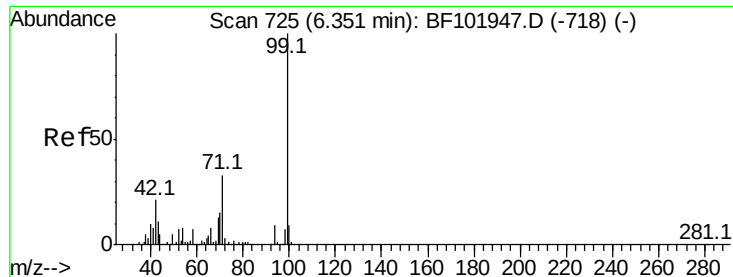
66 43.9 32.2 48.2

65 25.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.914 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

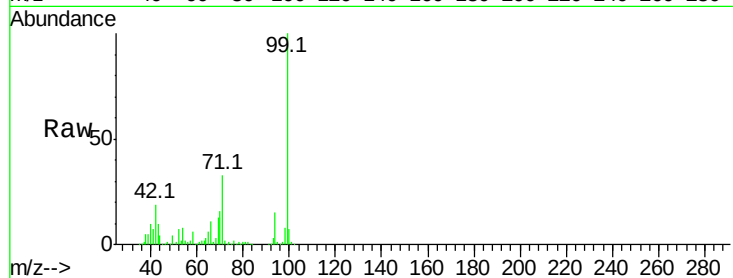
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2345307

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.3	25.4	38.0

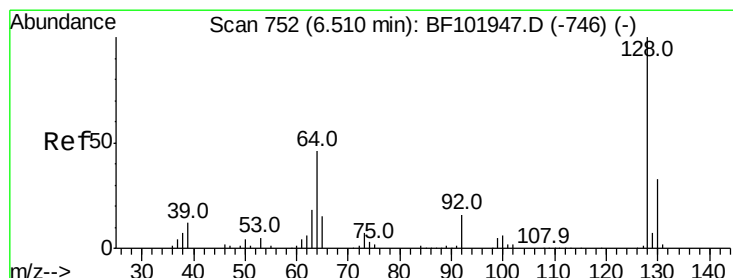
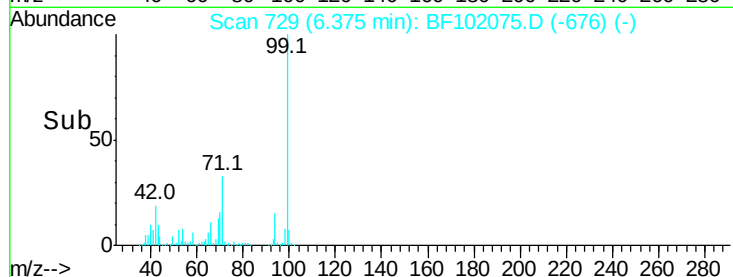
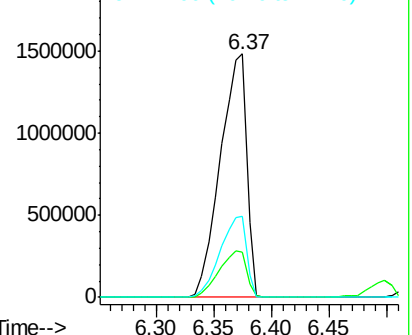


Abundance

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: 34.728 ng

RT: 6.52 min Scan# 753

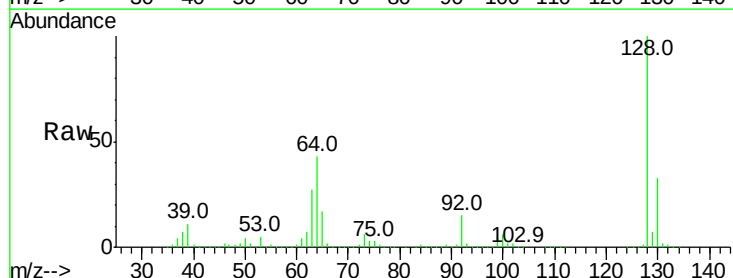
Delta R.T. 0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Tgt Ion: 128 Resp: 590662

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	42.6	29.4	69.4

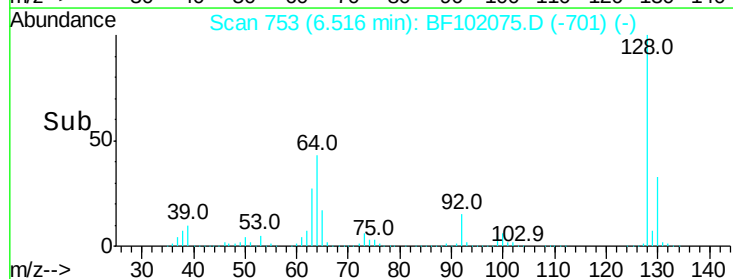
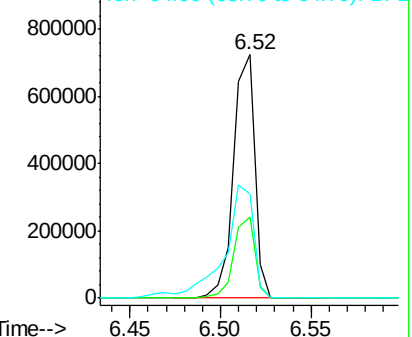


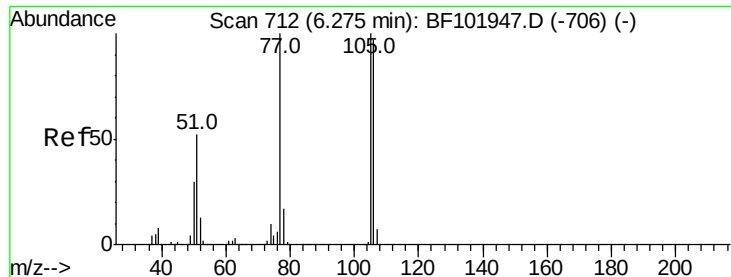
Abundance

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: 7.973 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

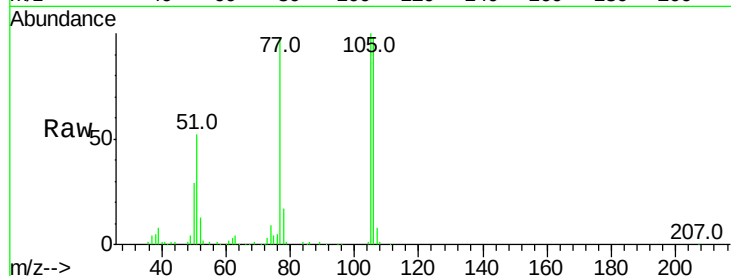
Tot Ion: 77 Resp: 112015

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

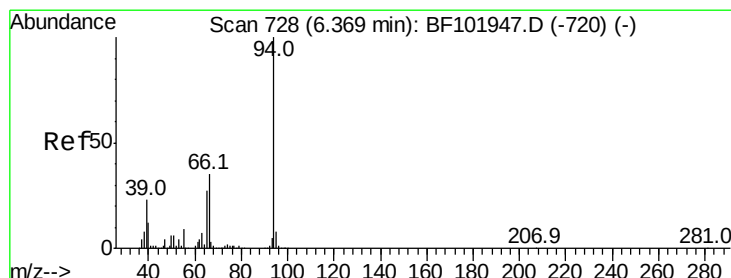
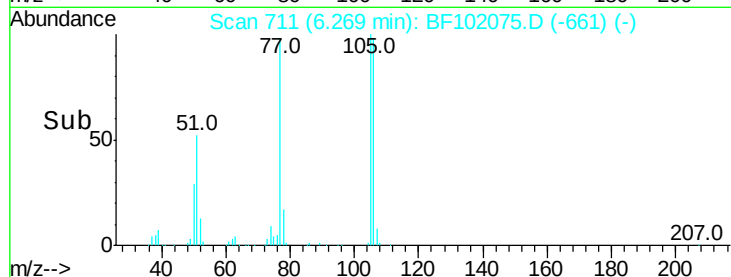
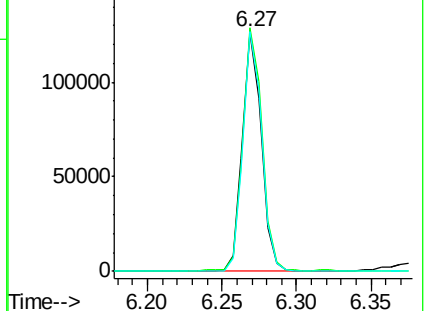
106 100.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.399 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

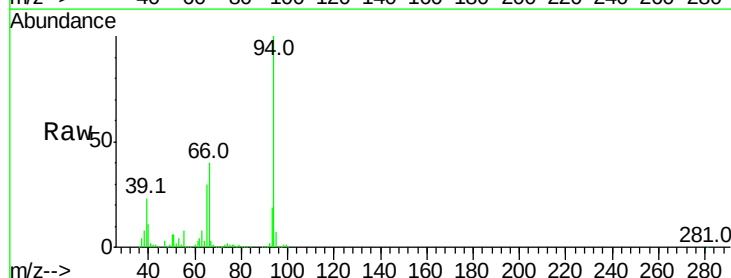
Tgt Ion: 94 Resp: 763686

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

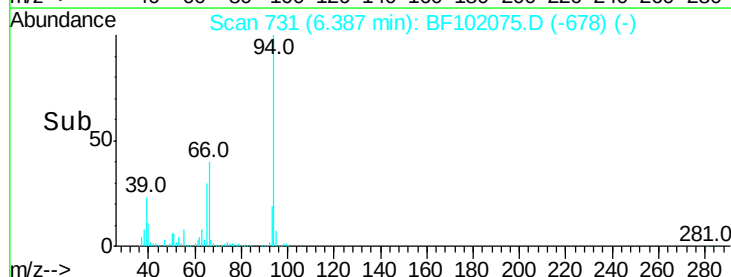
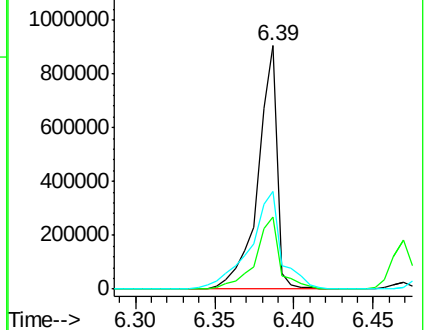
66 40.3 16.2 56.2

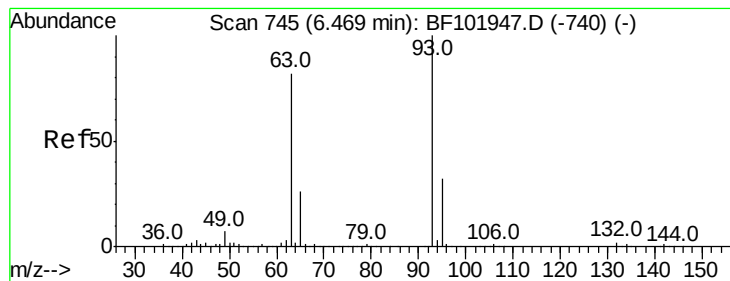


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.951 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

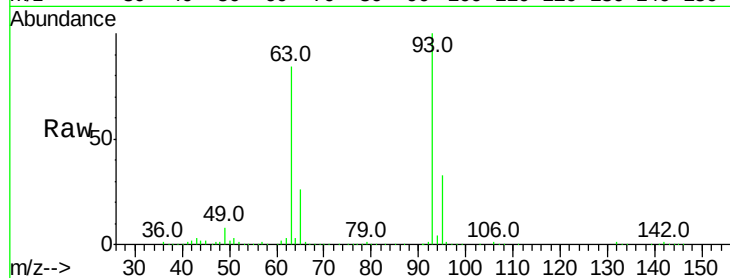
Tot Ion: 93 Resp: 590892

Ion Ratio Lower Upper

93 100

63 84.4 58.6 98.6

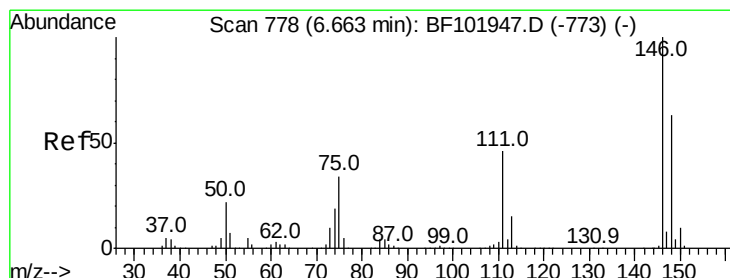
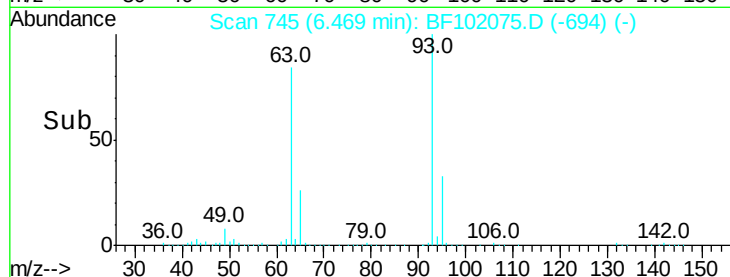
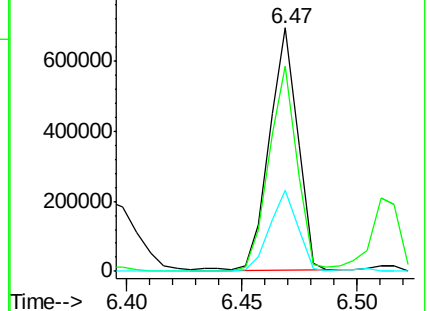
95 33.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.431 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

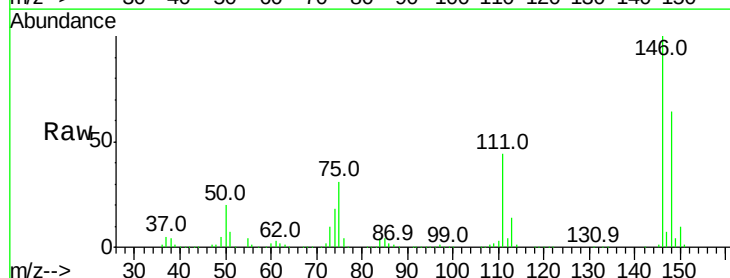
Tgt Ion: 146 Resp: 635847

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

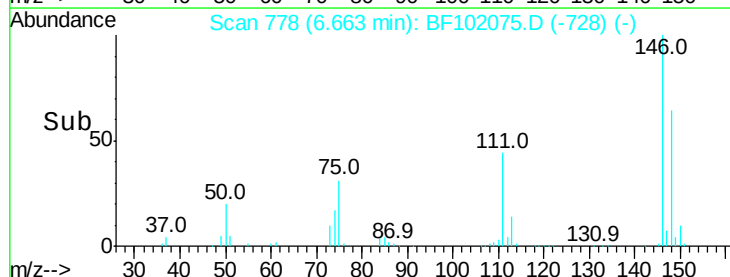
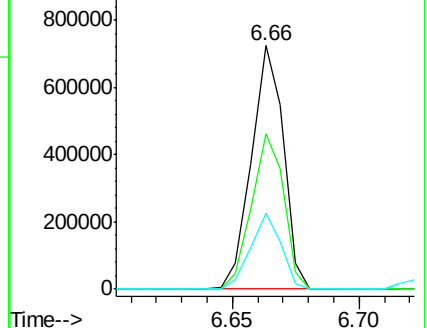
75 31.2 24.2 36.4

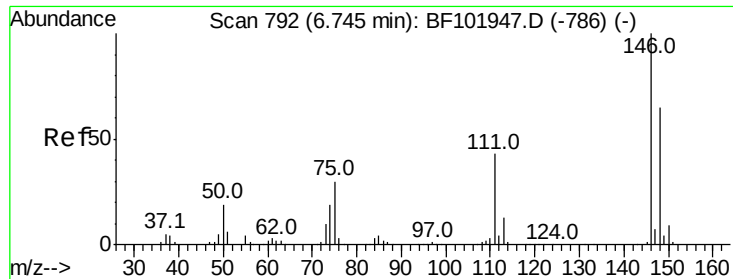


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

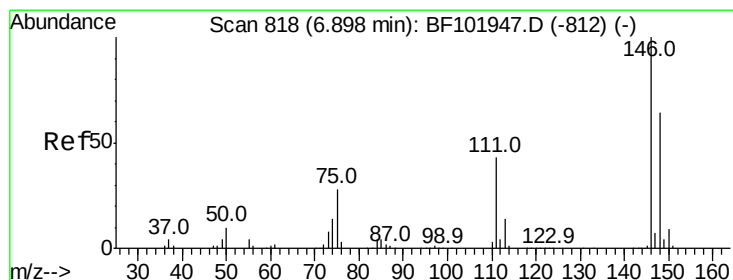
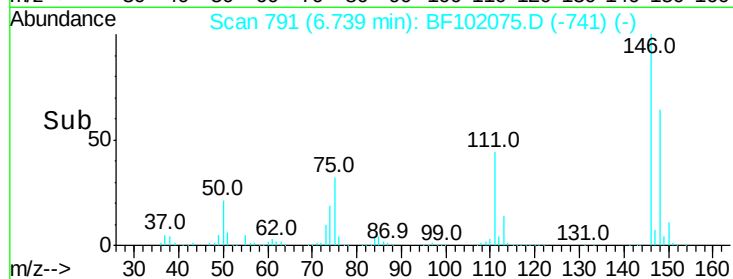
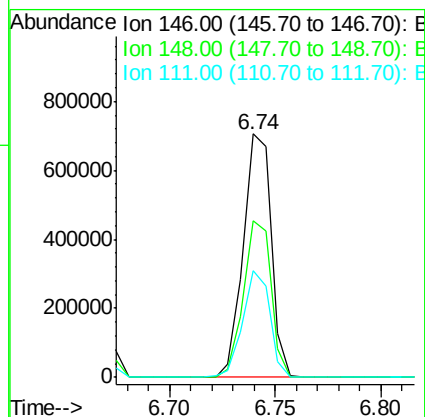
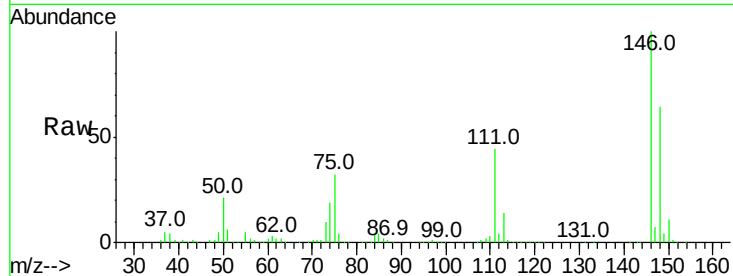




#13
 1,4-Dichlorobenzene
 Concen: 33.098 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

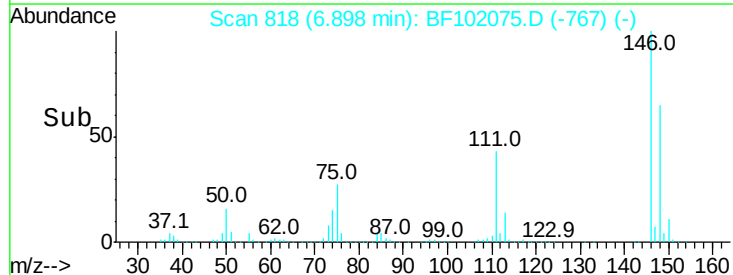
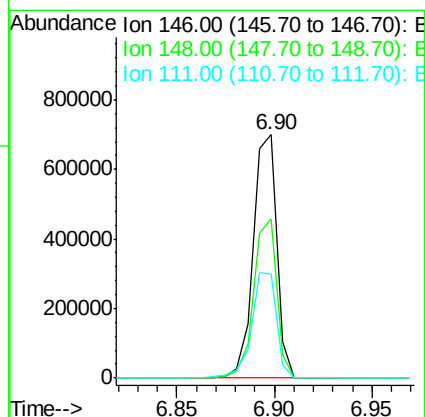
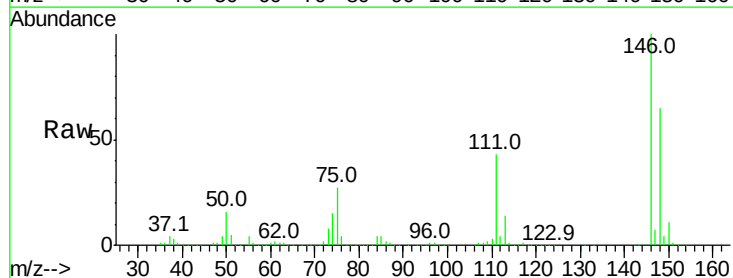
Instrument :
 BNA_F
 ClientSampled :

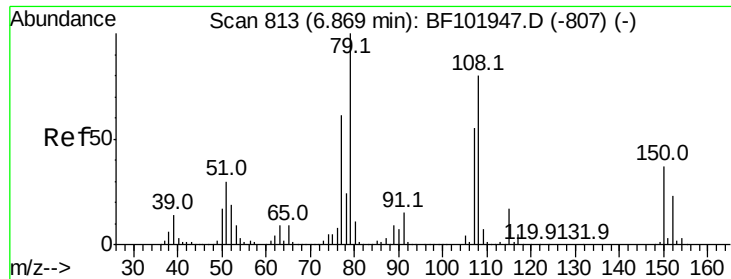
Tot Ion:146 Resp: 647535
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 44.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.220 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion:146 Resp: 583450
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 42.8 36.0 54.0

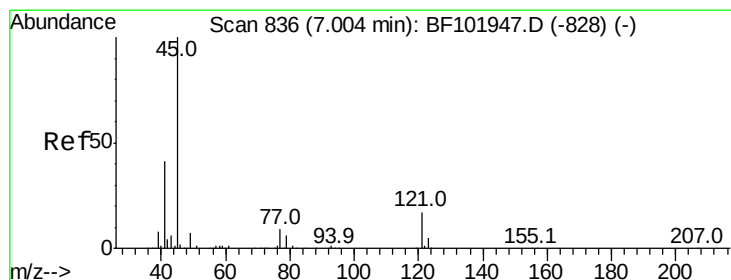
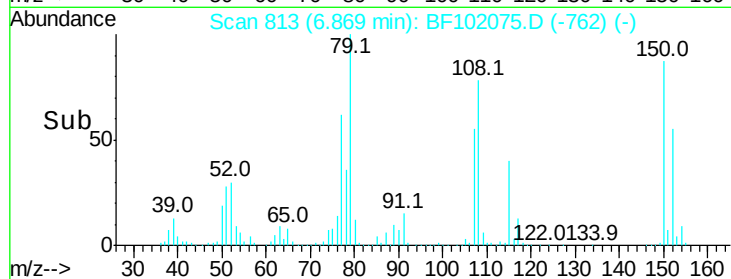
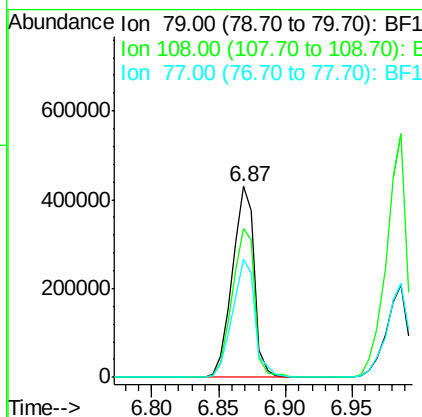
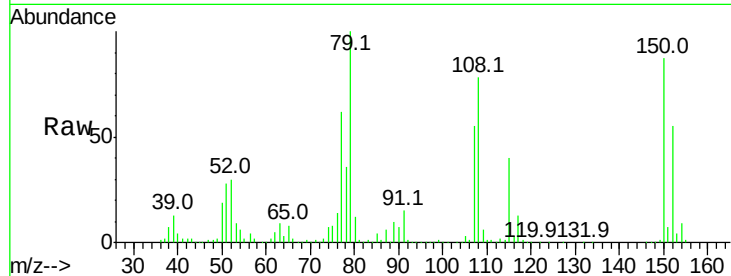




#15
Benzyl Alcohol
Concen: 33.582 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

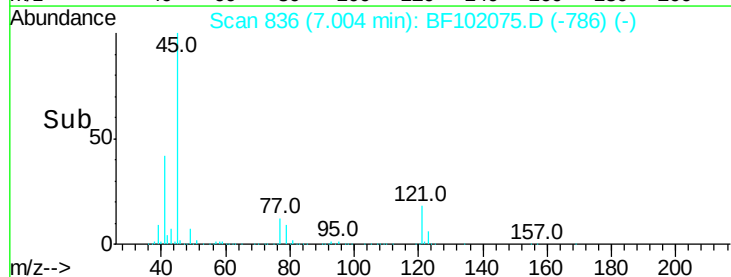
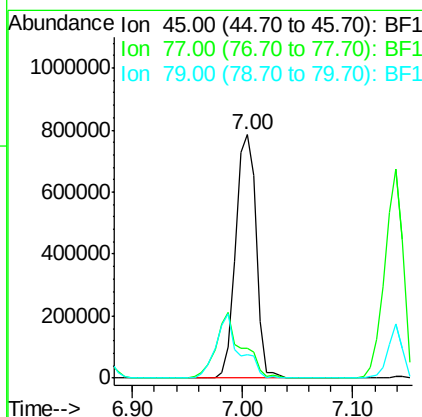
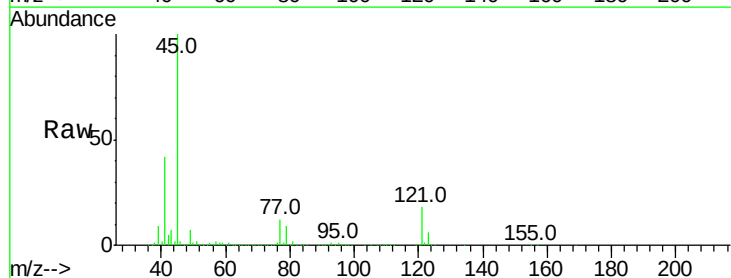
Instrument :
BNA_F
ClientSampleId :

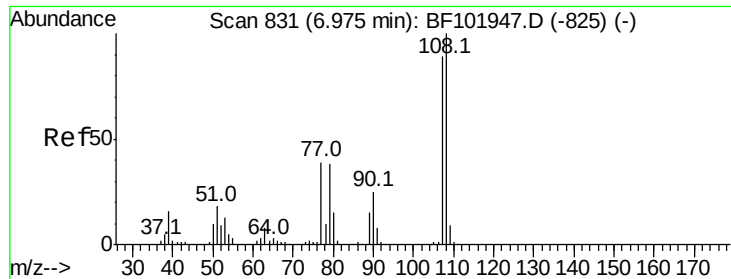
Tot Ion: 79 Resp: 497023
Ion Ratio Lower Upper
79 100
108 78.3 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.929 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion: 45 Resp: 1024379
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.9
79 9.5 0.0 29.6





#17

2-Methylphenol

Concen: 32.526 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 499051

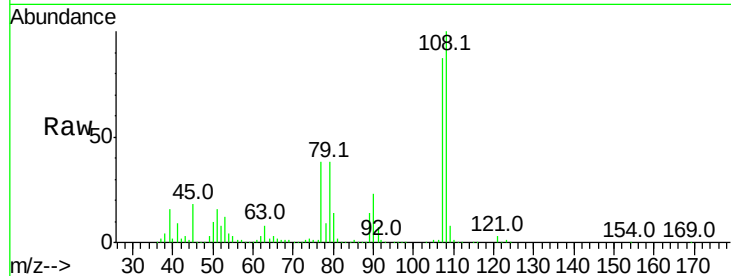
Ion Ratio Lower Upper

107 100

108 115.3 91.7 137.5

77 44.3 33.8 50.8

79 43.6 33.8 50.8

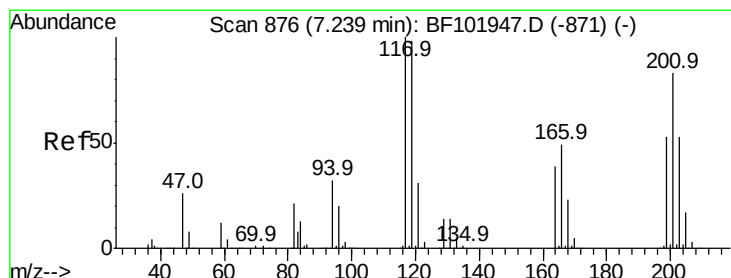
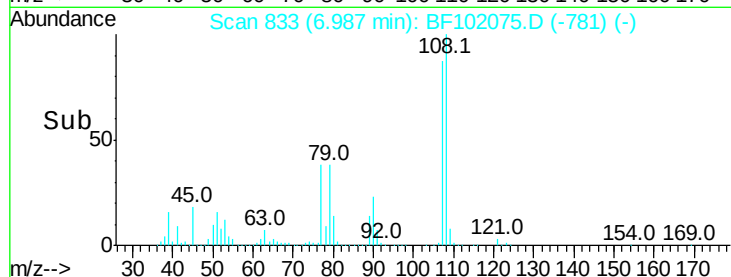
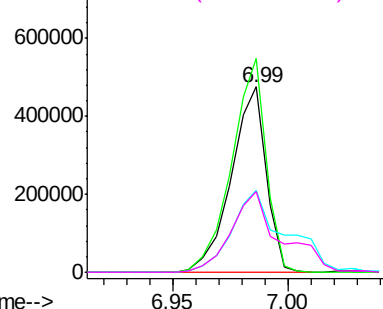


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.829 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

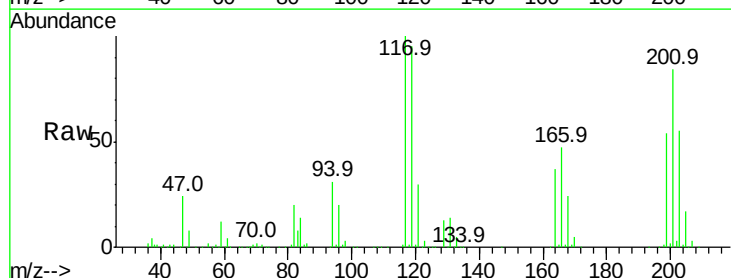
Tgt Ion:117 Resp: 219285

Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

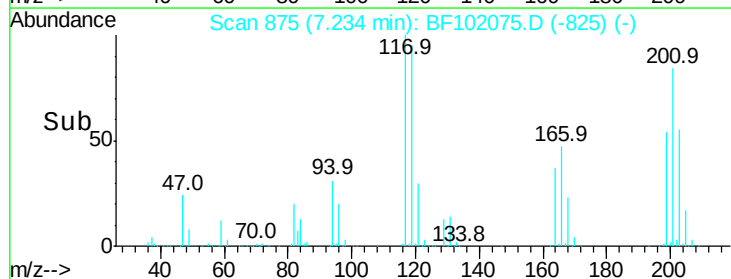
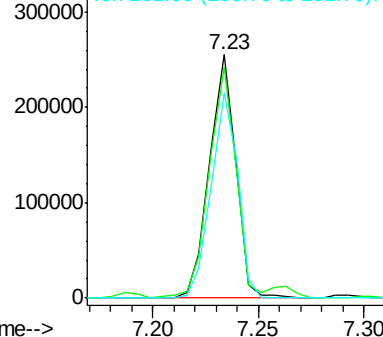
201 84.5 75.7 113.5

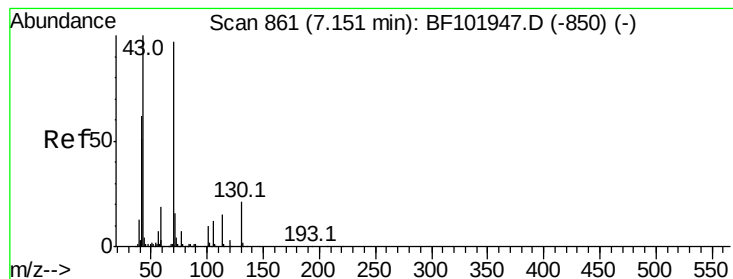


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.804 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 421702

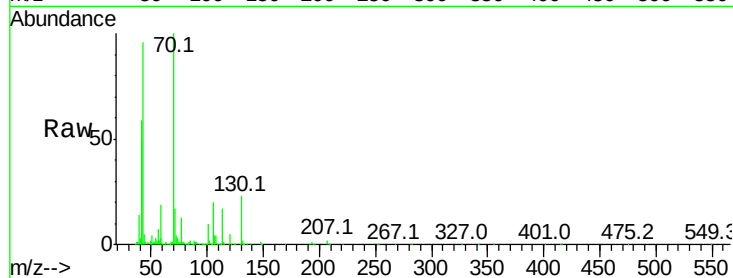
Ion Ratio Lower Upper

70 100

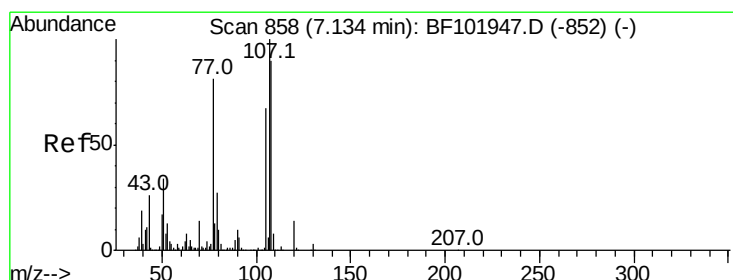
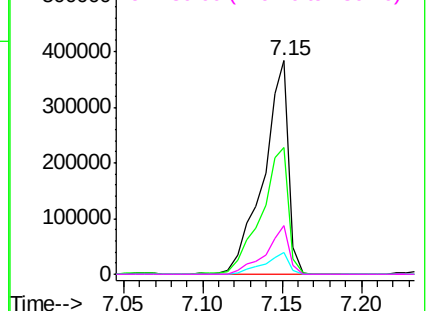
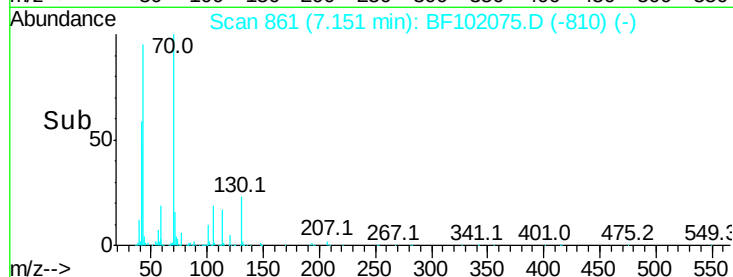
42 59.2 47.5 71.3

101 10.2 7.4 11.2

130 22.6 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 29.762 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Tgt Ion: 107 Resp: 548277

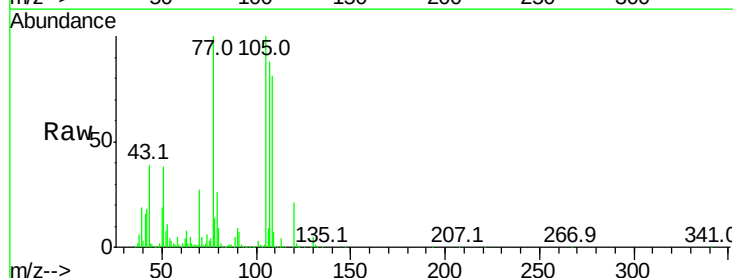
Ion Ratio Lower Upper

107 100

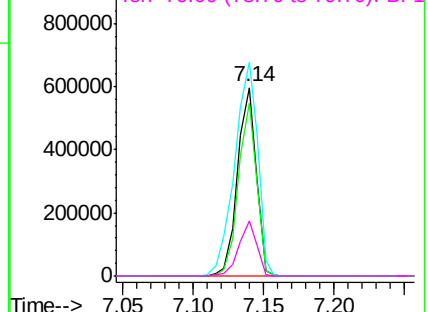
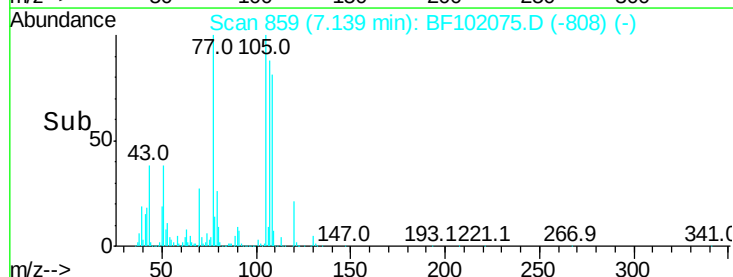
108 91.5 68.2 108.2

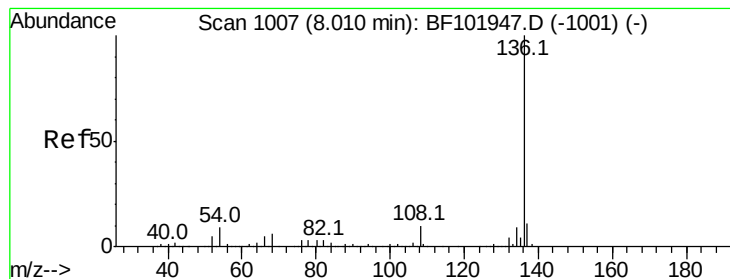
77 113.2 26.7 66.7#

79 29.1 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 929267

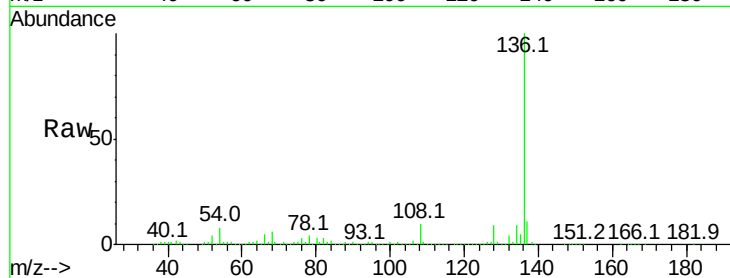
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.7 6.6 9.8

68 5.8 5.0 7.4

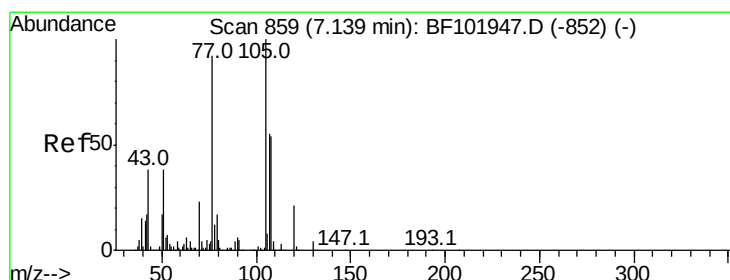
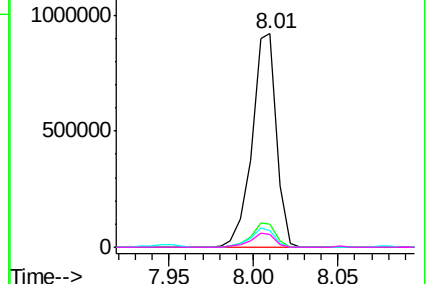
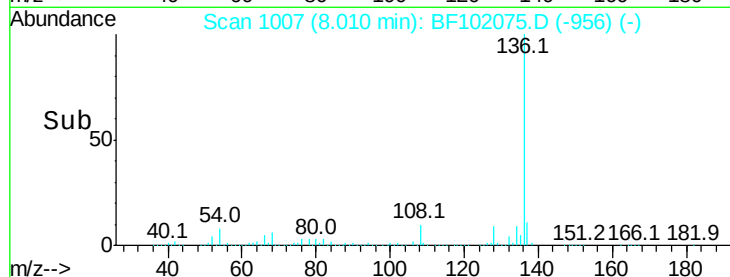


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.009 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Tgt Ion:105 Resp: 828621

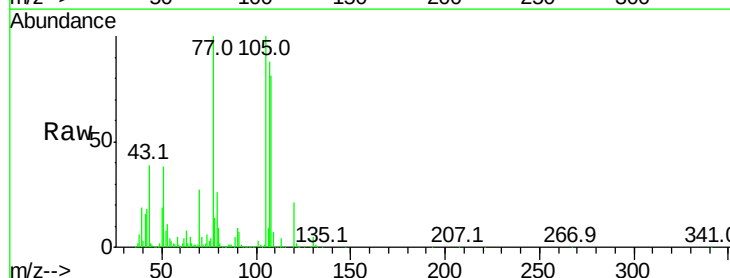
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 38.2 22.3 33.5#

120 21.4 16.9 25.3

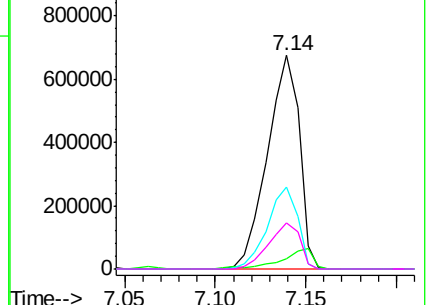
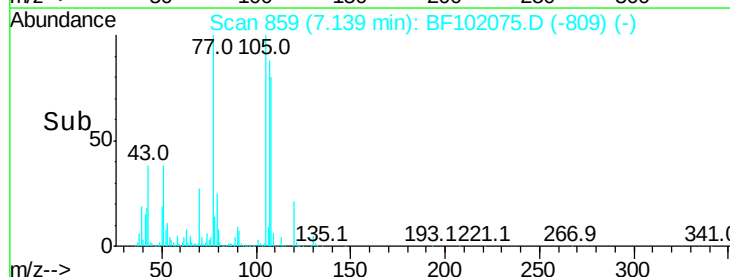


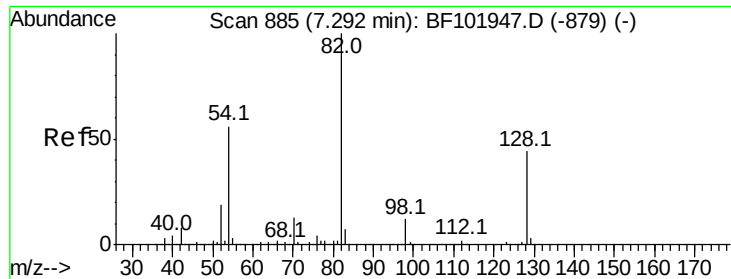
Abundance Ion 105.00 (104.70 to 105.70): E

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

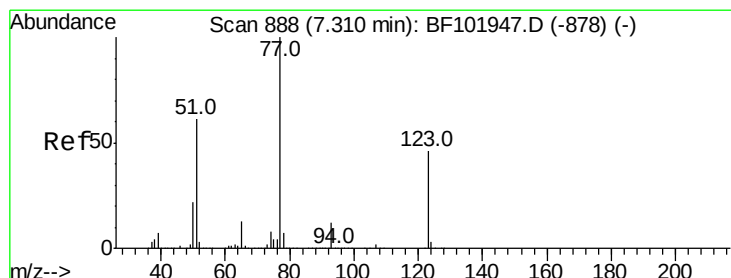
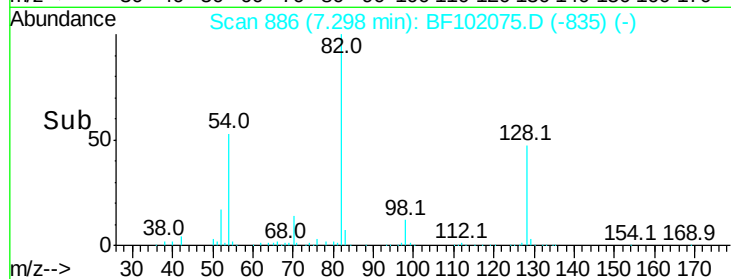
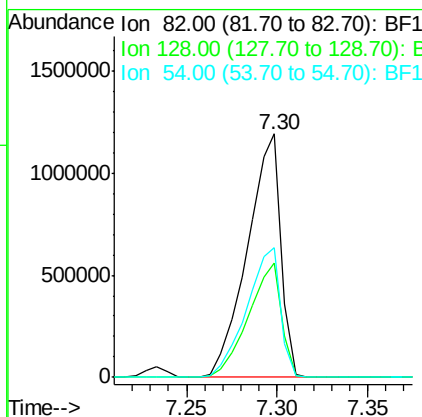
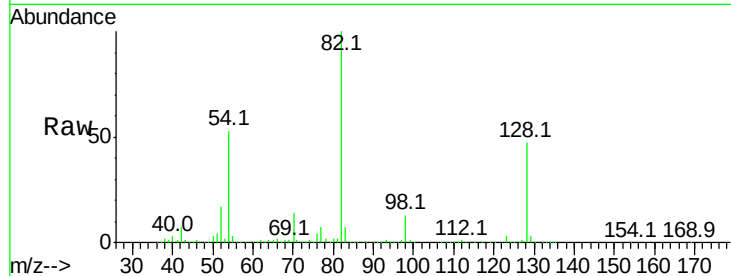




#23
 Nitrobenzene-d5
 Concen: 96.415 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

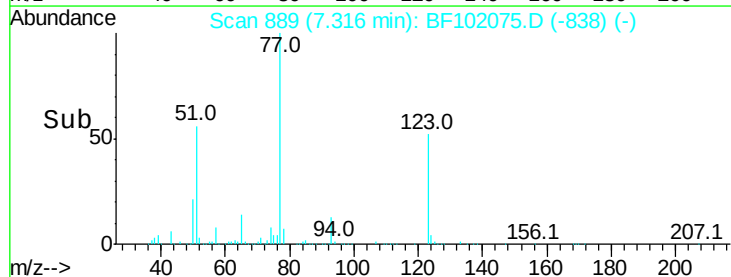
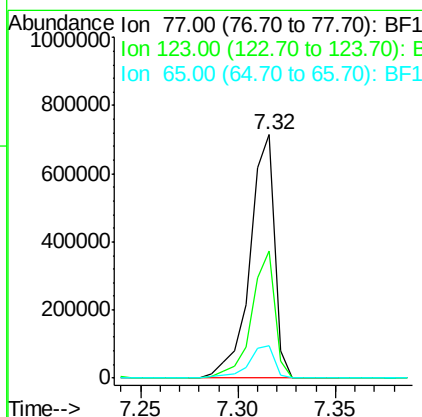
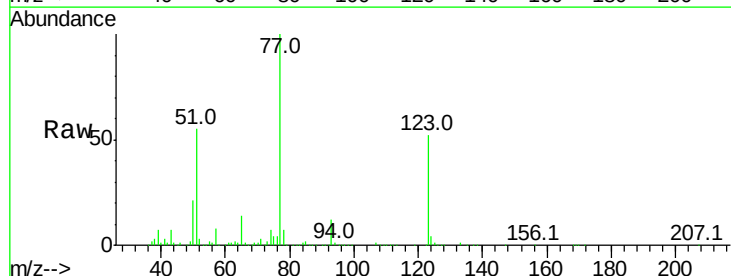
Instrument :
 BNA_F
 ClientSampleId :

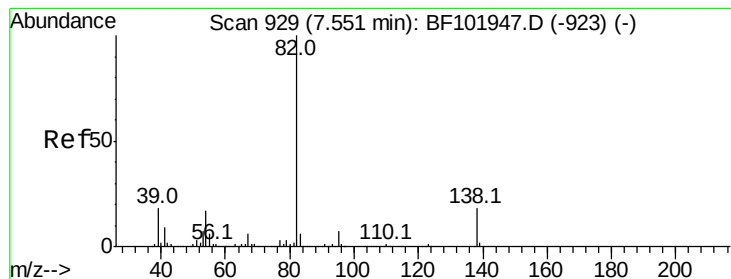
Tot Ion: 82 Resp: 1524660
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 53.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 36.765 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion: 77 Resp: 624725
 Ion Ratio Lower Upper
 77 100
 123 52.1 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 37.564 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

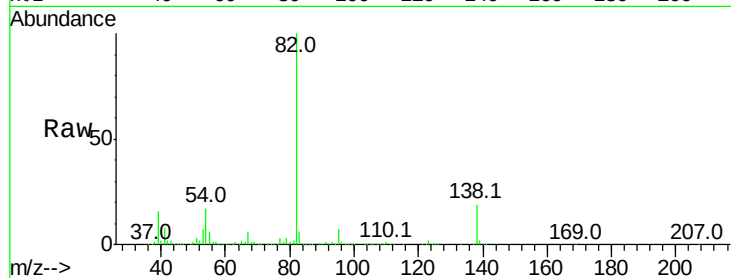
Tot Ion: 82 Resp: 1173724

Ion Ratio Lower Upper

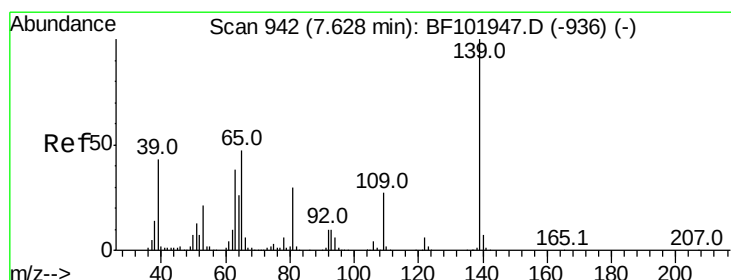
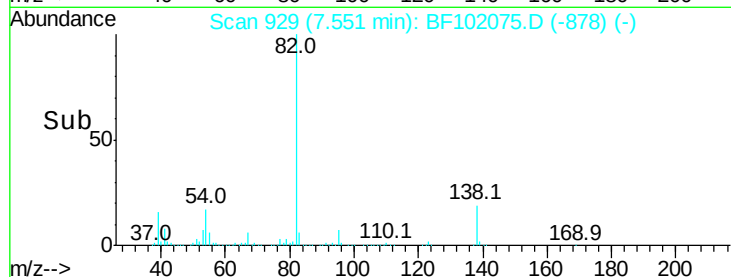
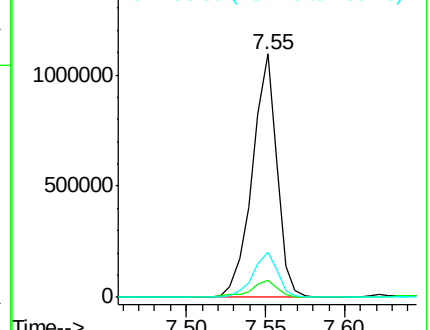
82 100

95 7.1 5.2 7.8

138 18.7 14.9 22.3



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: 44.962 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

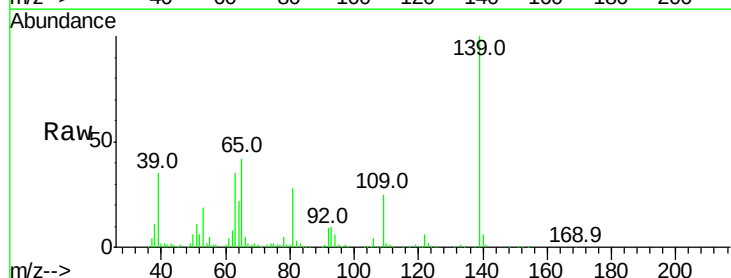
Tgt Ion: 139 Resp: 319778

Ion Ratio Lower Upper

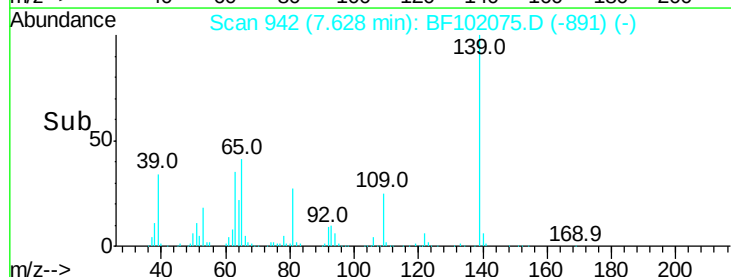
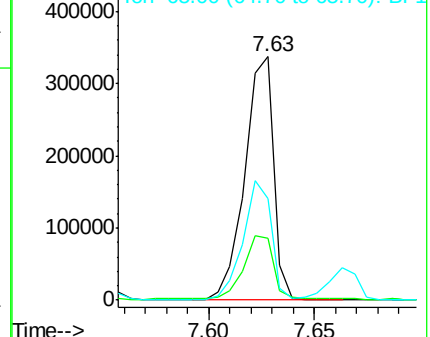
139 100

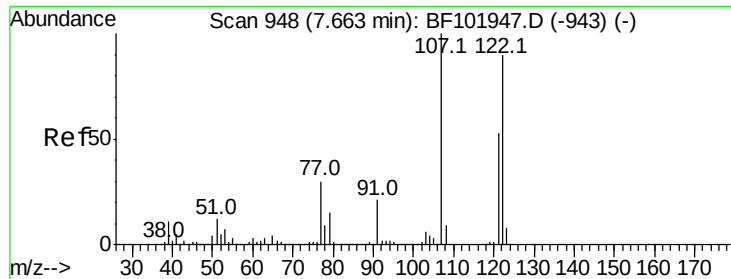
109 25.3 22.7 34.1

65 41.6 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 34.003 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

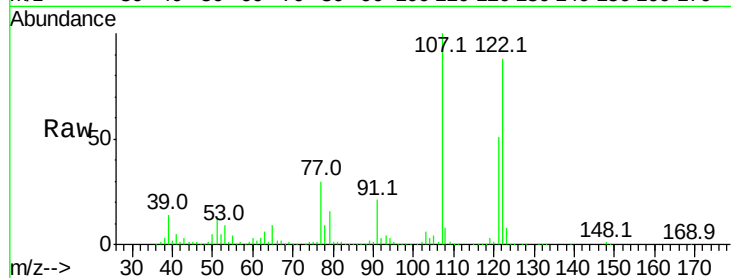
Tot Ion:122 Resp: 451647

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

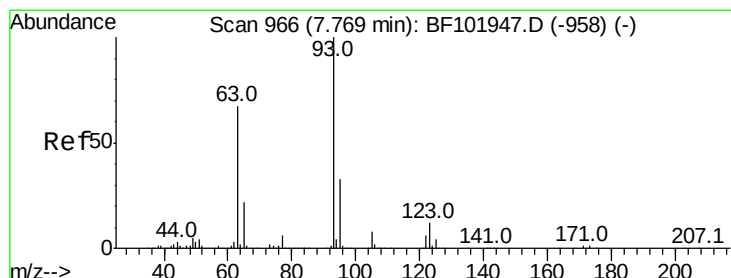
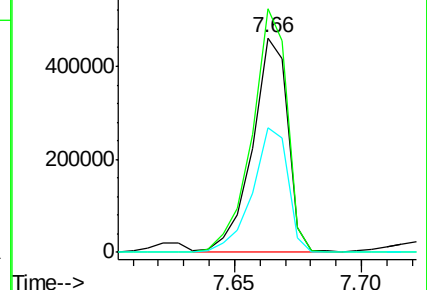
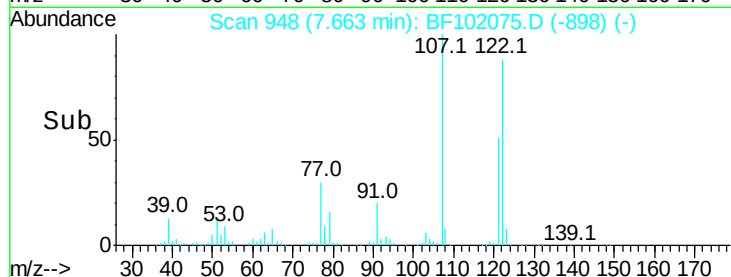
121 58.2 47.2 70.8



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: 39.584 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

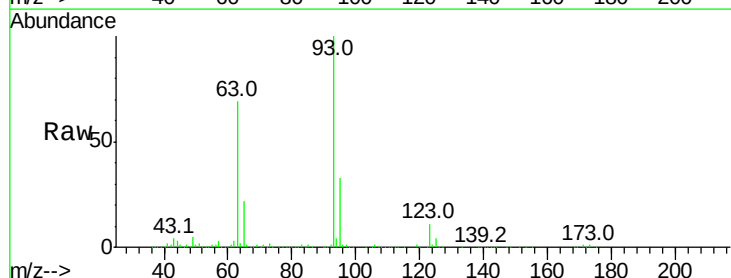
Tgt Ion: 93 Resp: 746801

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

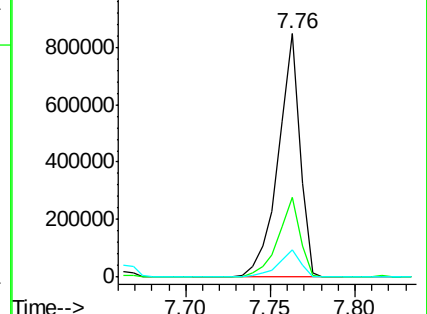
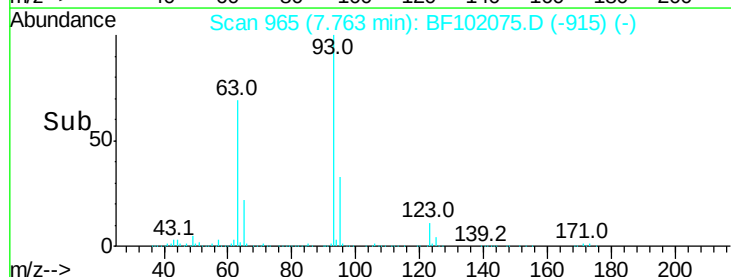
123 11.0 9.8 14.6

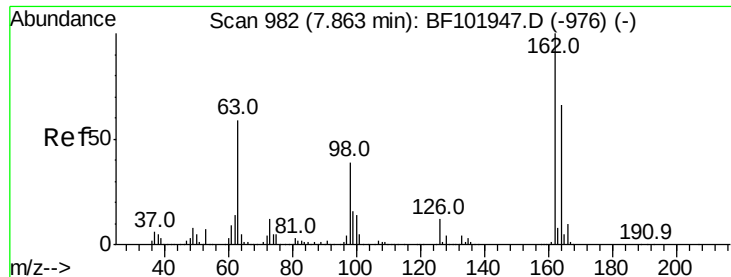


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.328 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

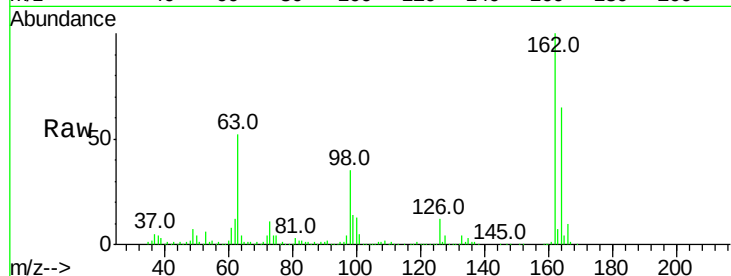
Tot Ion:162 Resp: 483408

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

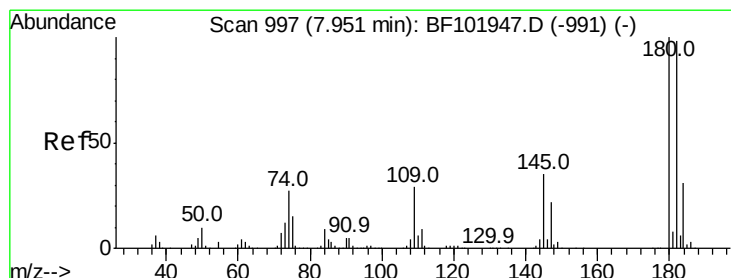
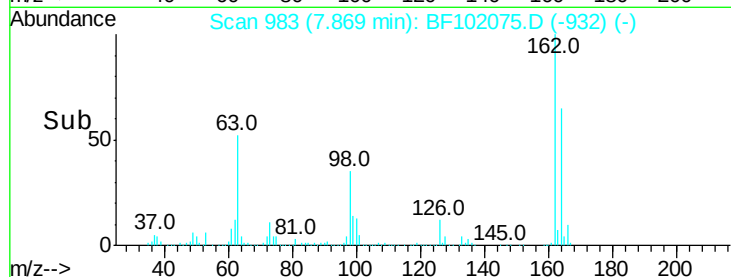
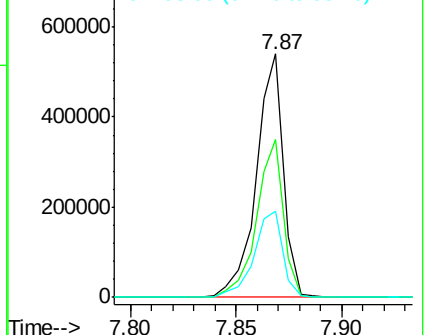
98 35.3 18.1 58.1



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: 35.825 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

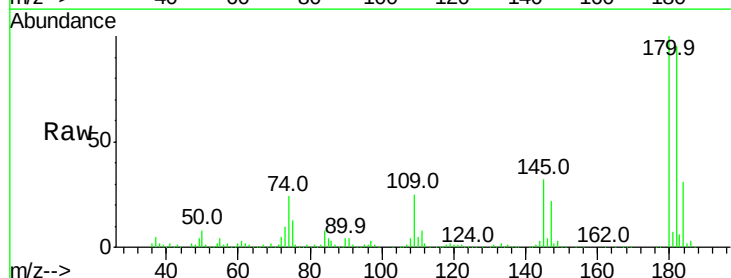
Tgt Ion:180 Resp: 472611

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

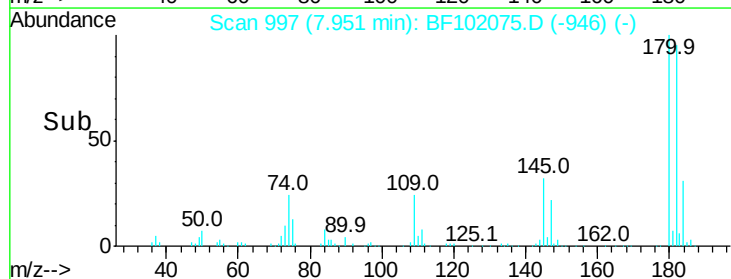
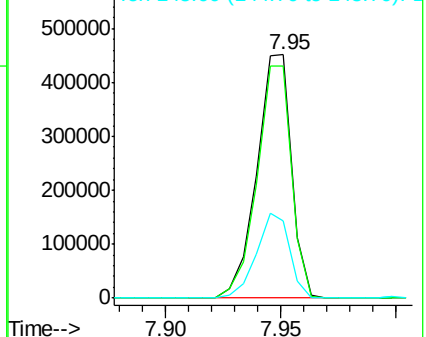
145 31.8 26.5 39.7

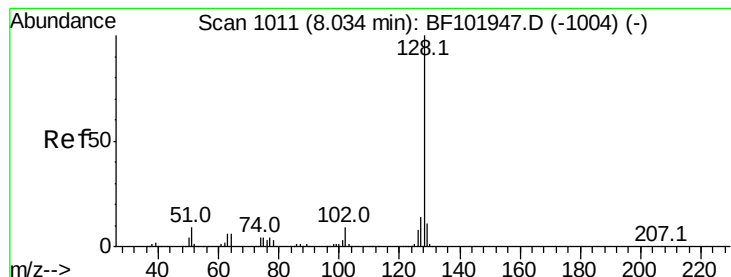


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.288 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampled :

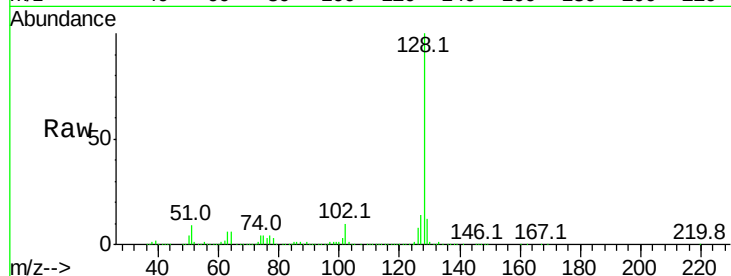
Tot Ion:128 Resp: 1638556

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

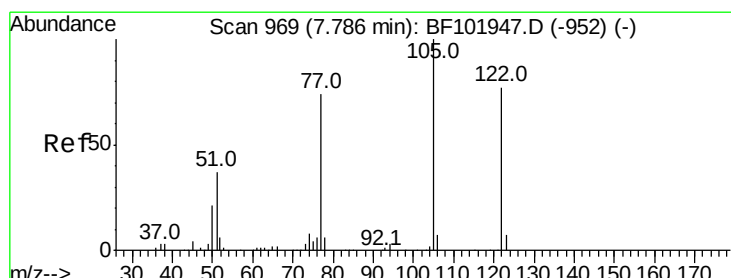
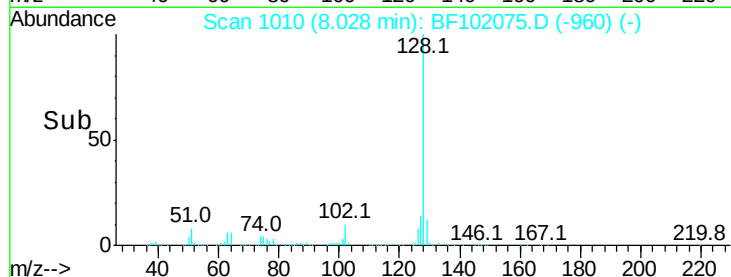
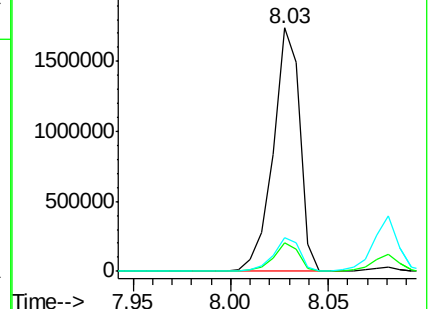
127 13.6 10.9 16.3



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: 4.927 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.05 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

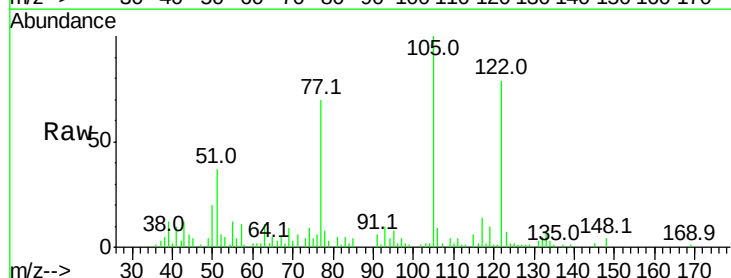
Tgt Ion:122 Resp: 49626

Ion Ratio Lower Upper

122 100

105 126.6 101.1 141.1

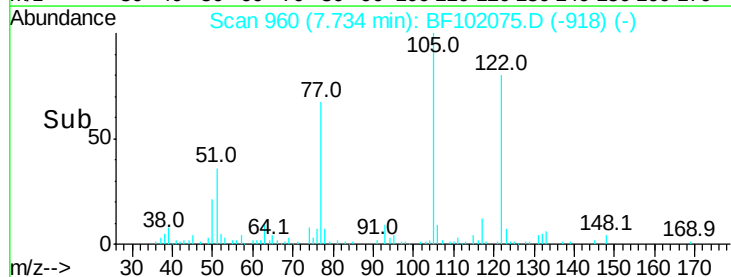
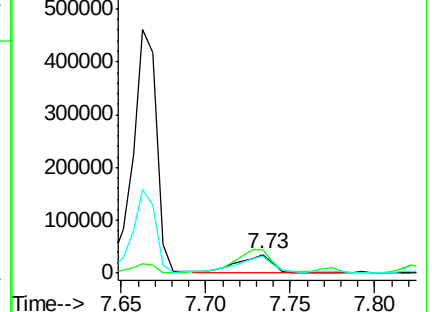
77 89.0 70.7 110.7

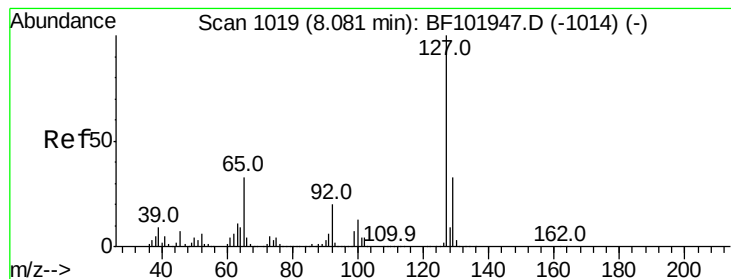


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 17.830 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 353367

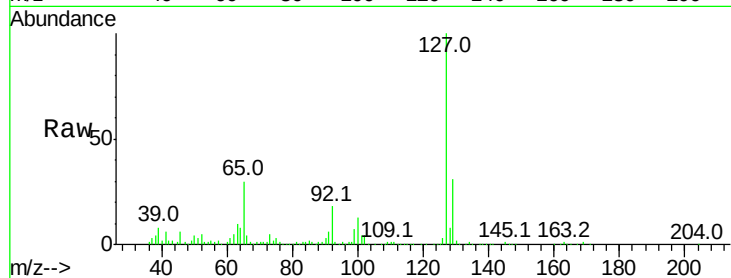
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 30.4 25.0 37.4

92 18.3 15.2 22.8

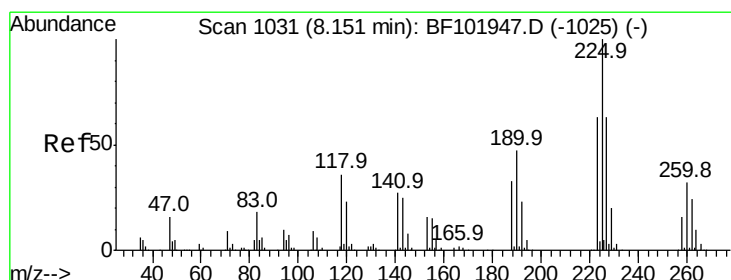
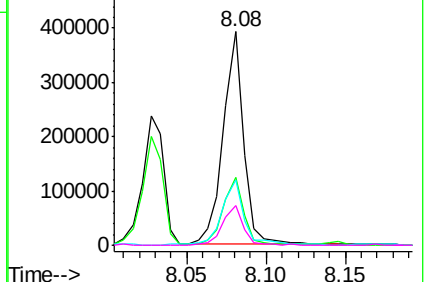
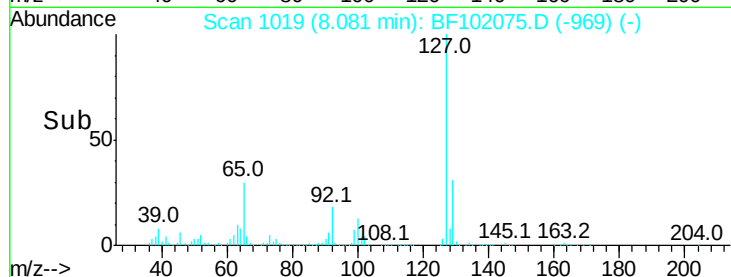


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.606 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

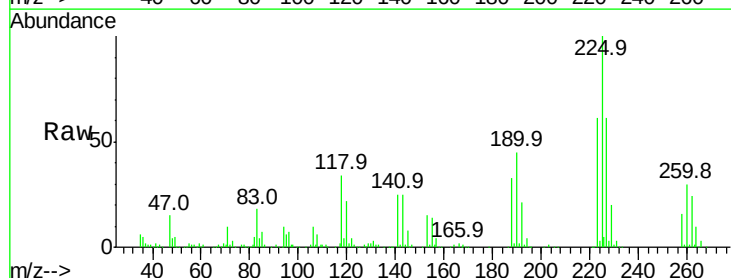
Tgt Ion:225 Resp: 241657

Ion Ratio Lower Upper

225 100

223 61.2 50.6 76.0

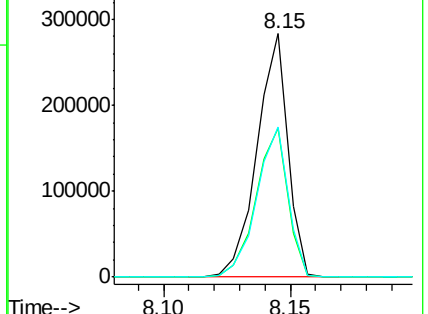
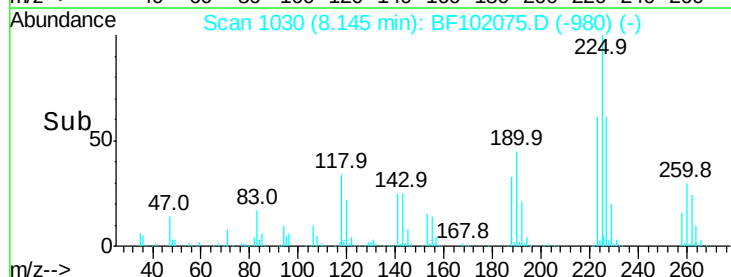
227 61.5 51.9 77.9

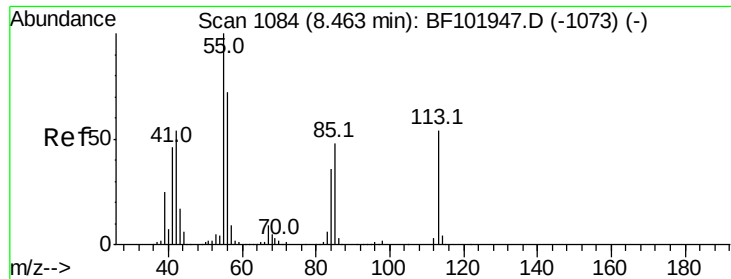


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.493 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

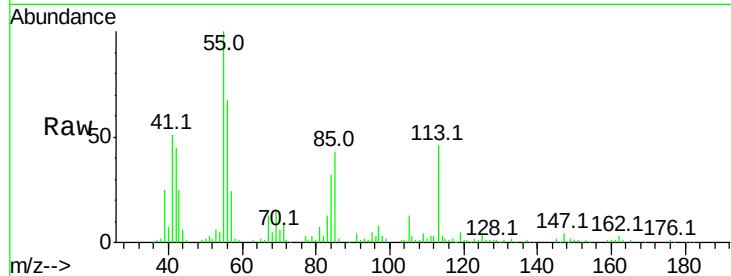
Tot Ion:113 Resp: 80072

Ion Ratio Lower Upper

113 100

55 216.0 163.3 203.3#

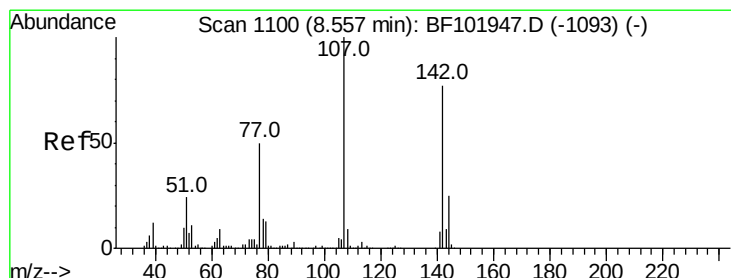
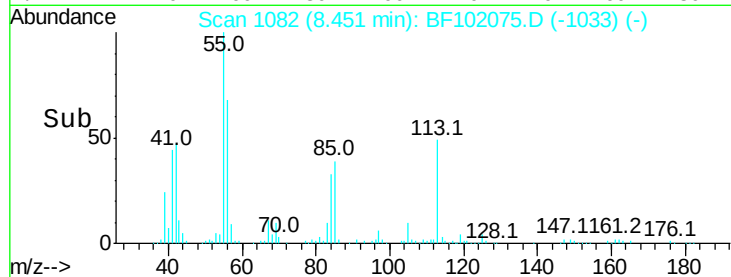
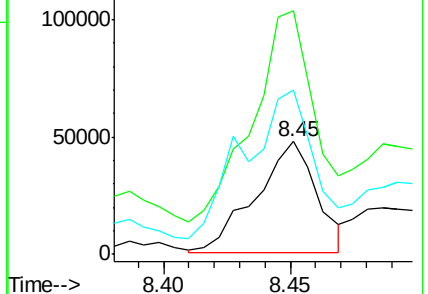
56 145.7 115.7 155.7



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: 37.107 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

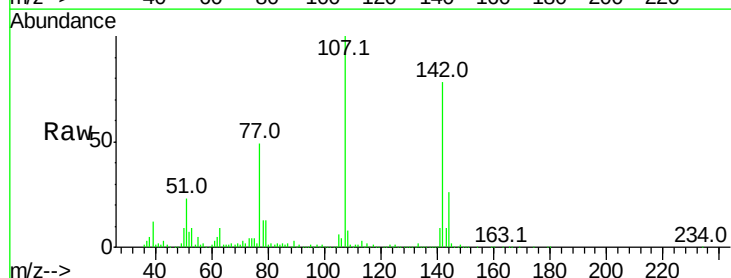
Tgt Ion:107 Resp: 512287

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

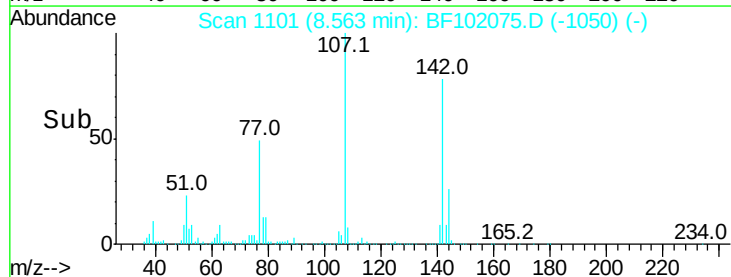
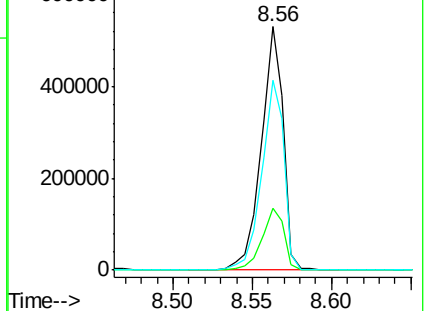
142 77.9 62.0 93.0

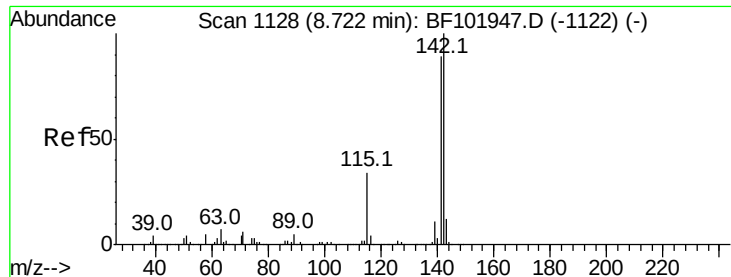


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

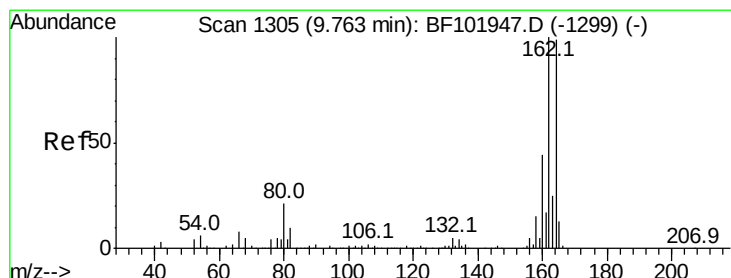
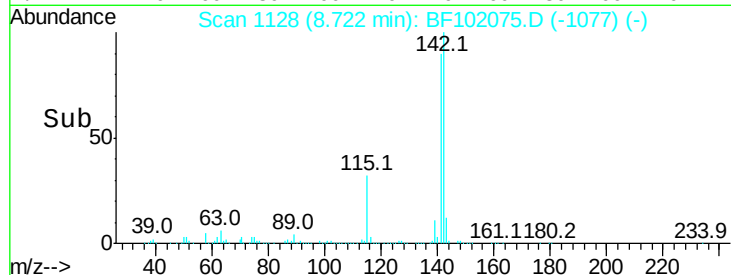
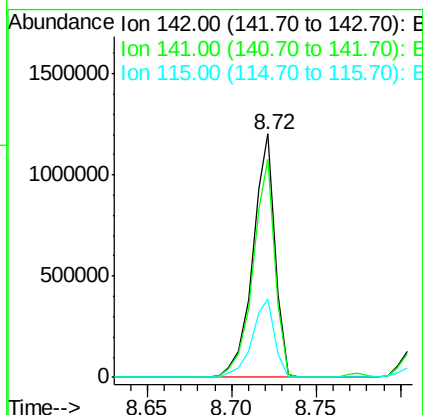
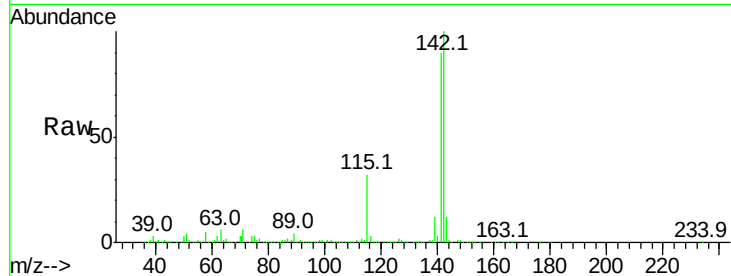




#37
 2-Methylnaphthalene
 Concen: 36.035 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

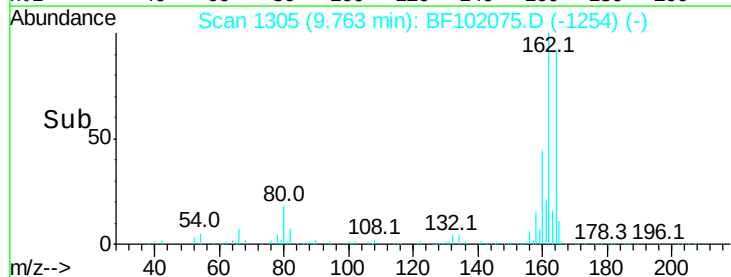
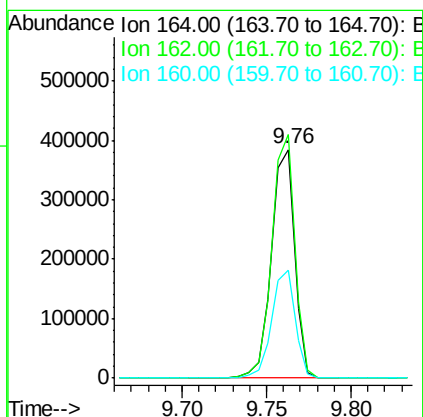
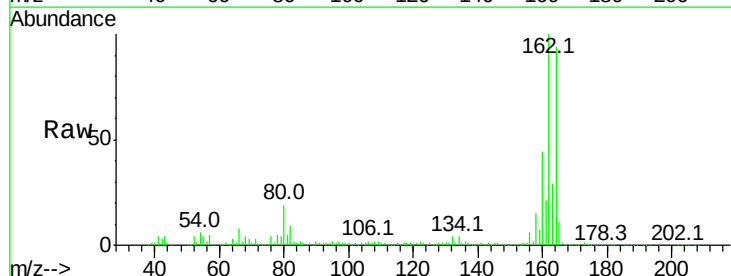
Instrument :
 BNA_F
 ClientSampleId :

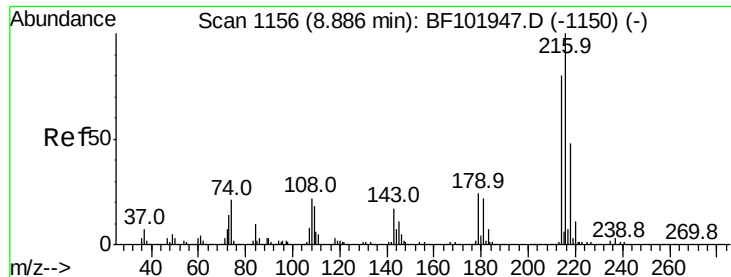
Tot Ion:142 Resp: 1101536
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 32.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion:164 Resp: 365472
 Ion Ratio Lower Upper
 164 100
 162 106.4 86.1 129.1
 160 47.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.661 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 410077

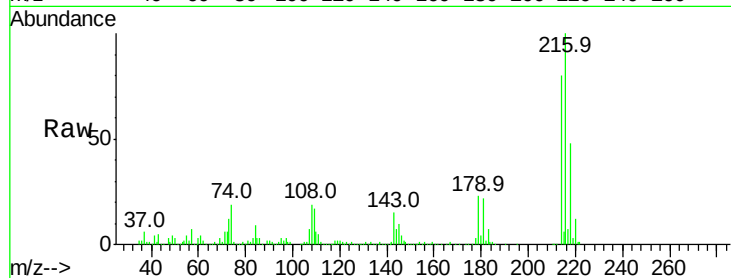
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 23.2 18.1 27.1

108 21.7 17.2 25.8

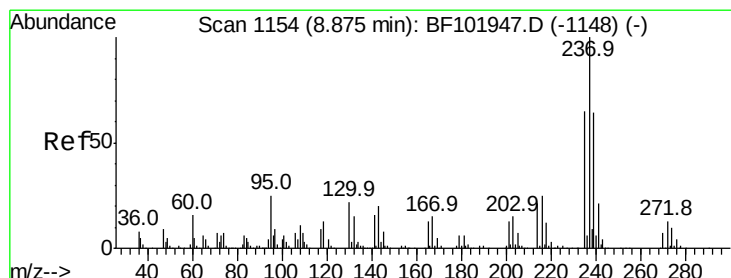
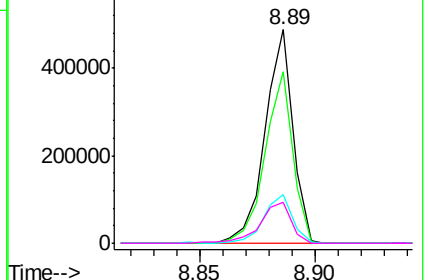
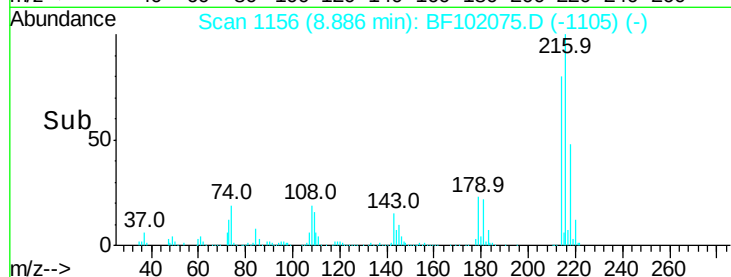


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 22.658 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

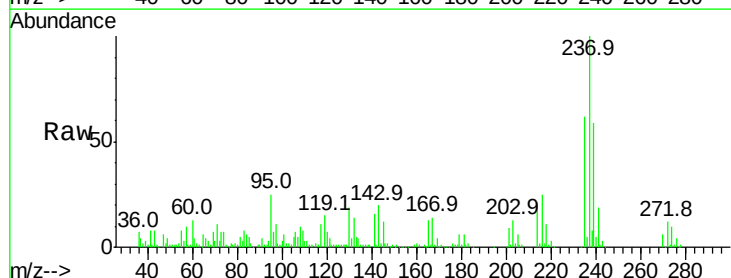
Tgt Ion:237 Resp: 128121

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

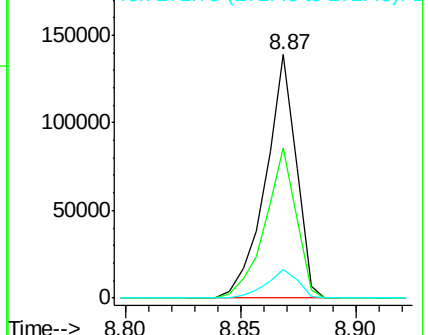
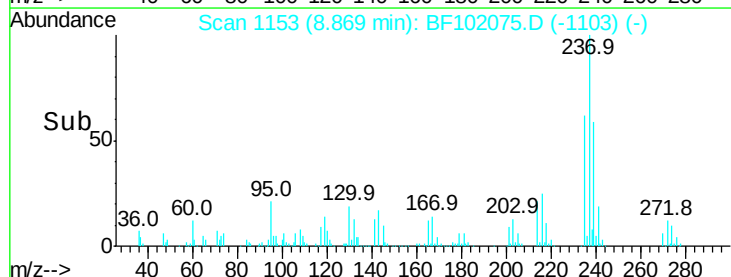
272 11.9 0.0 33.3

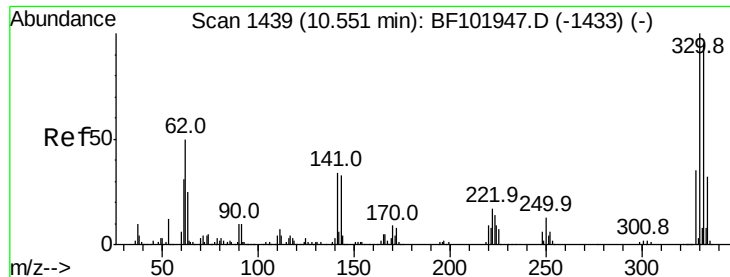


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

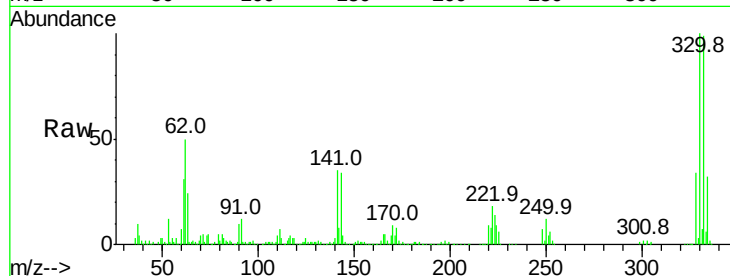




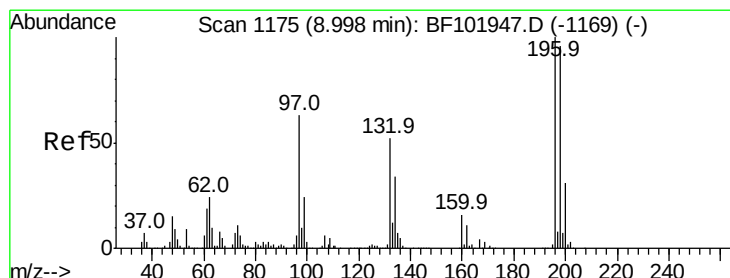
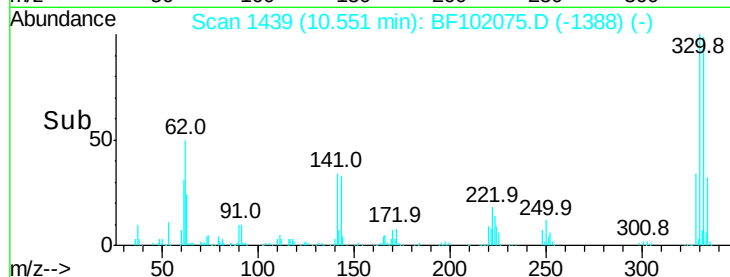
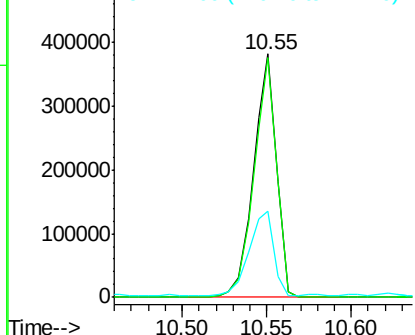
#41
 2,4,6-Tribromophenol
 Concen: 113.312 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.1	29.9	44.9

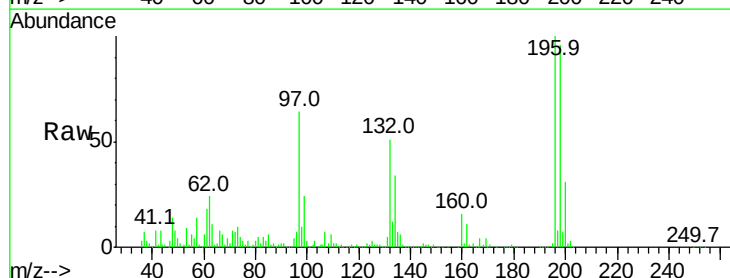


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

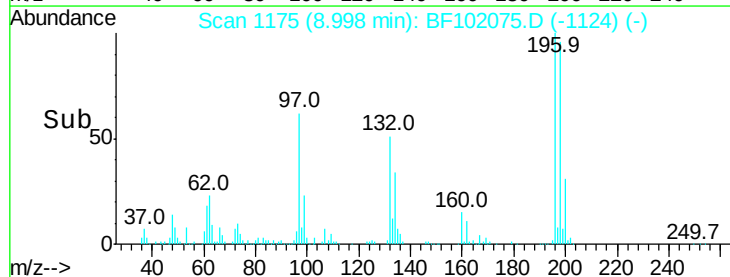
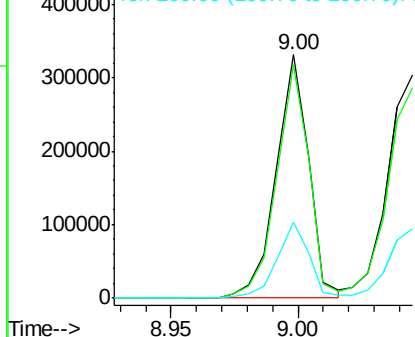


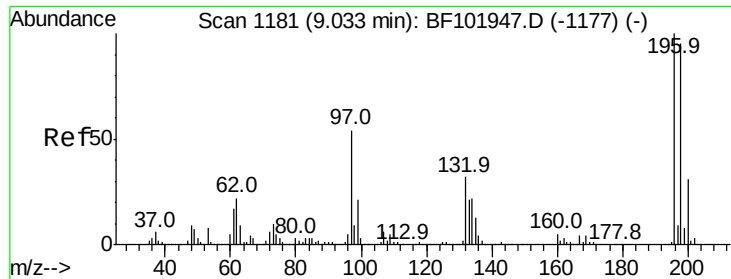
#42
 2,4,6-Trichlorophenol
 Concen: 41.145 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.1	24.5	36.7



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

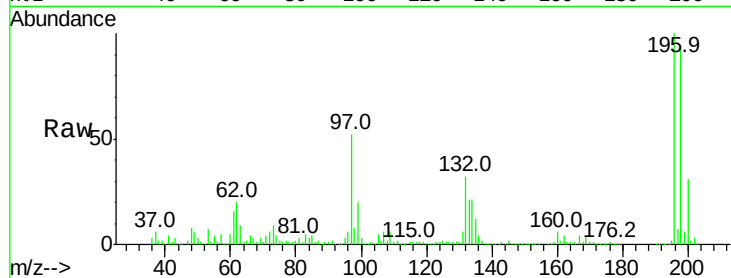




#43
 2,4,5-Trichlorophenol
 Concen: 37.226 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	299784
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	52.3	42.9	64.3
132	32.2	26.3	39.5



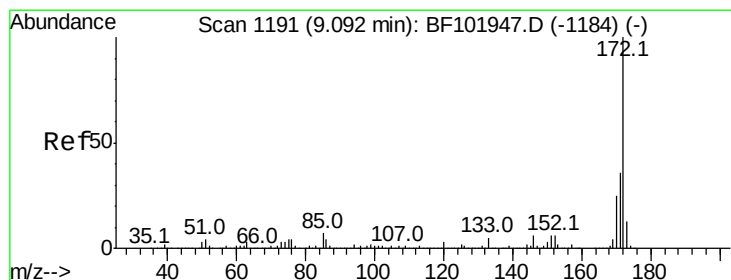
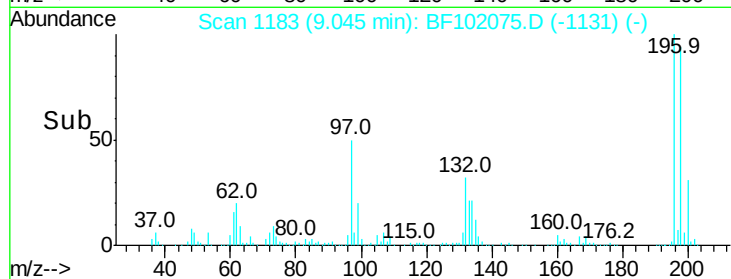
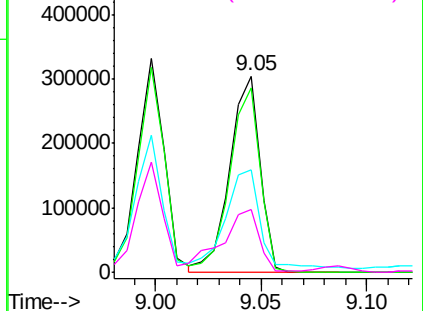
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

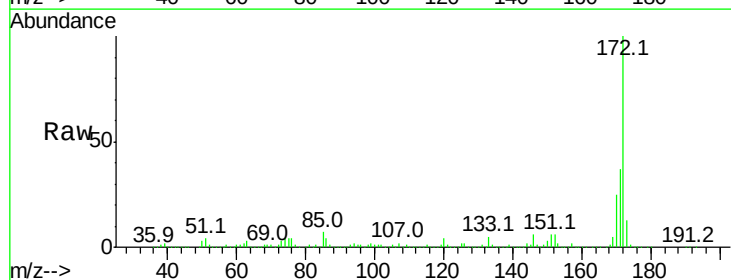
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.639 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion:	172	Resp:	2143760
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.0	19.6	29.4

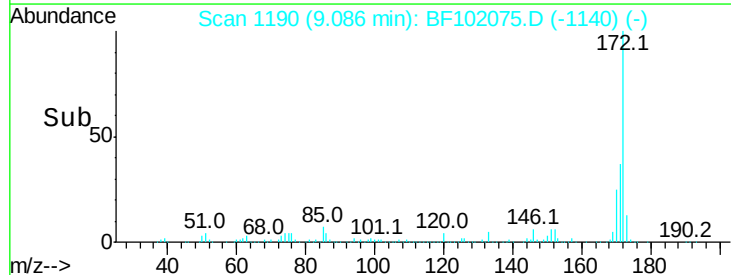
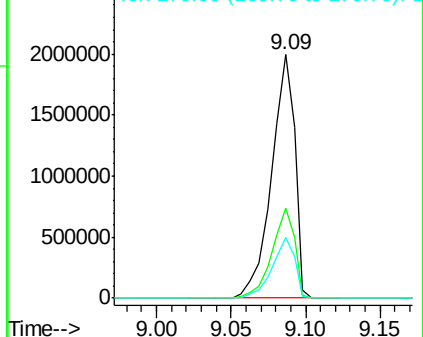


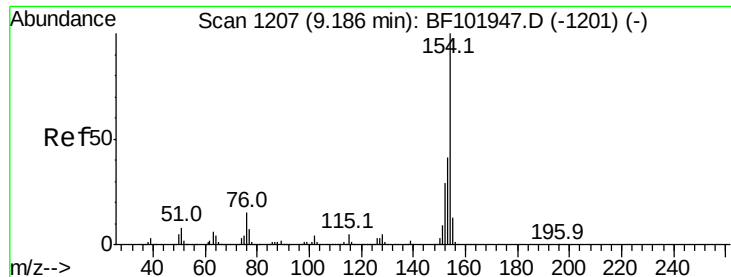
Abundance

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





#45

1,1'-Biphenyl

Concen: 37.441 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

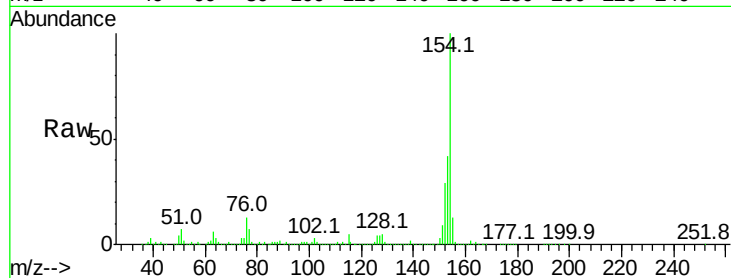
Tot Ion:154 Resp: 1209477

Ion Ratio Lower Upper

154 100

153 42.1 21.3 61.3

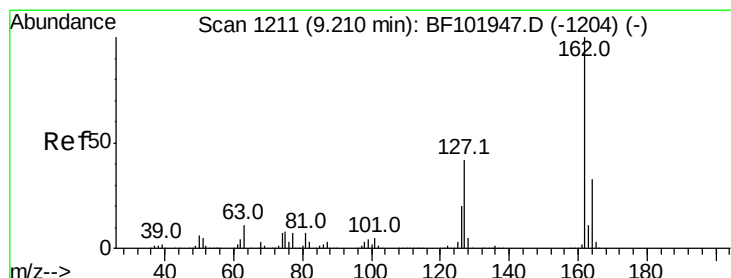
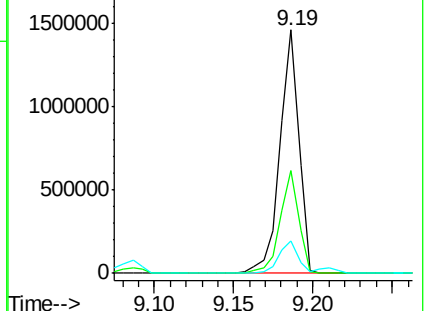
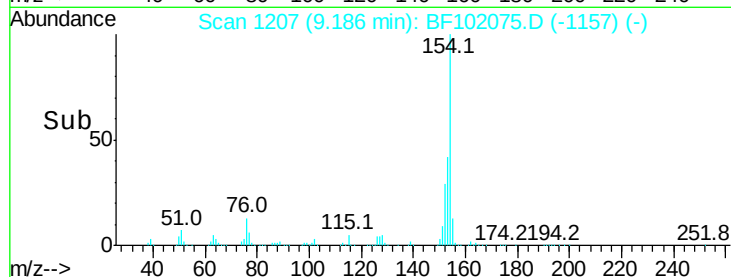
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.391 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

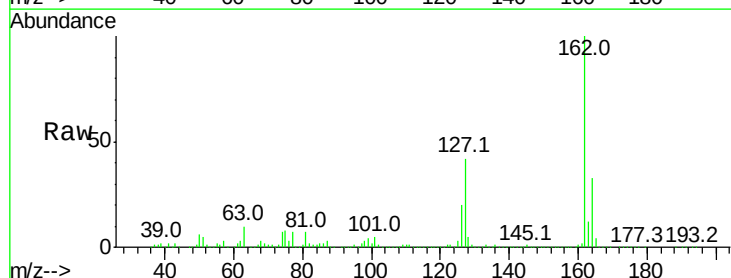
Tgt Ion:162 Resp: 911611

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

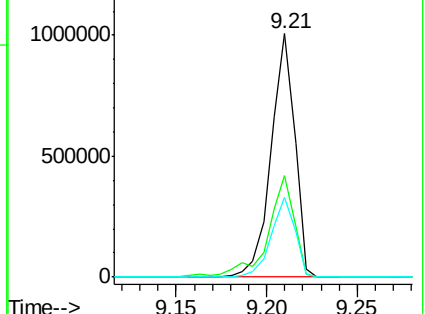
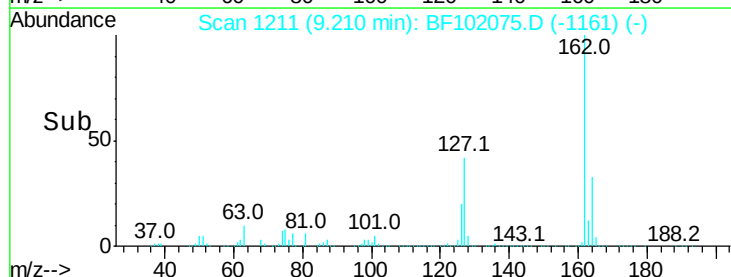
164 33.0 26.5 39.7

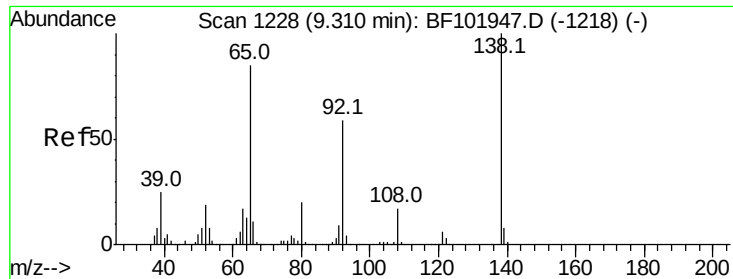


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

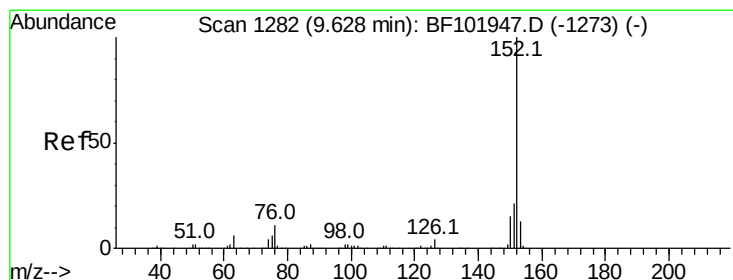
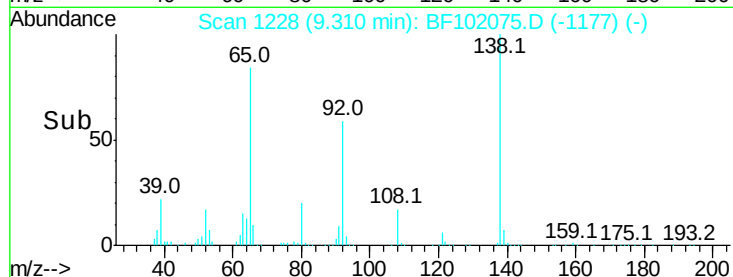
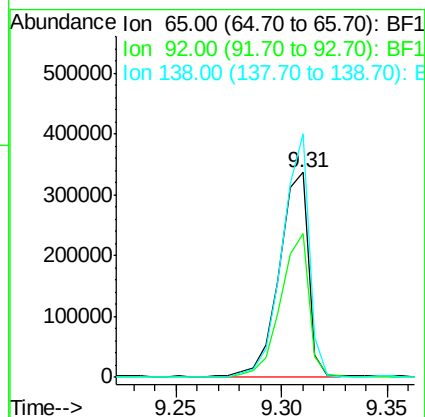
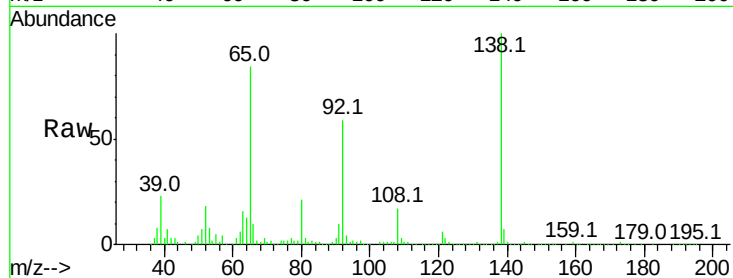




#47
2-Nitroaniline
Concen: 42.983 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

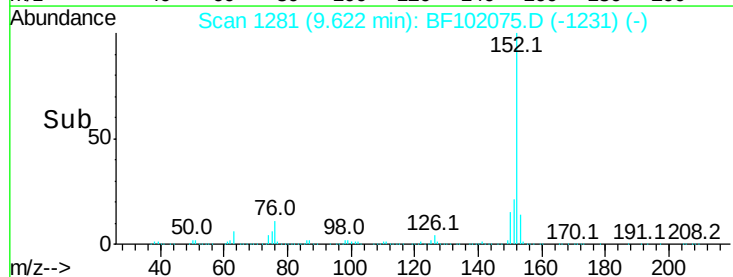
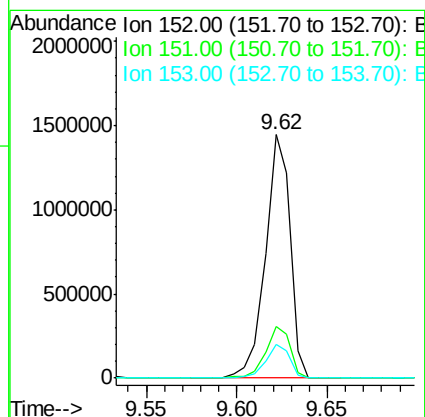
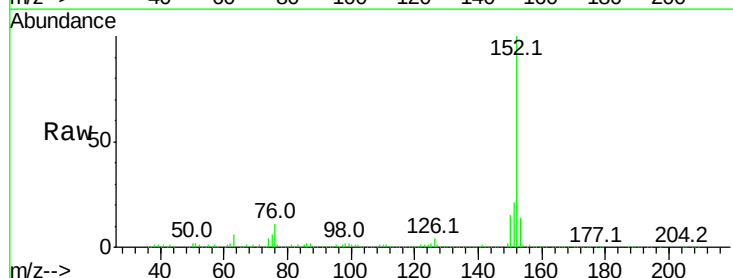
Instrument :
BNA_F
ClientSampleId :

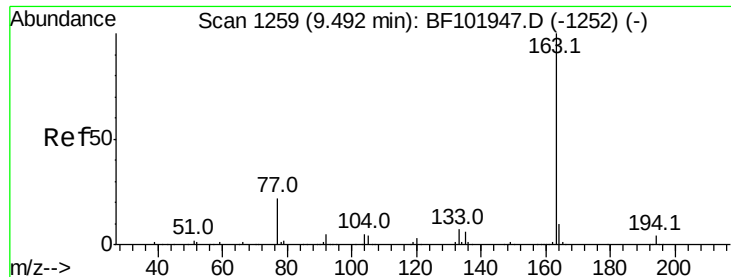
Tot Ion: 65 Resp: 322535
Ion Ratio Lower Upper
65 100
92 69.8 55.8 83.6
138 118.7 91.2 136.8



#48
Acenaphthylene
Concen: 34.270 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion: 152 Resp: 1362376
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.8 10.7 16.1

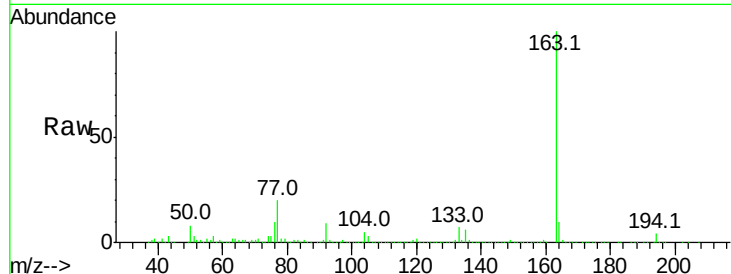




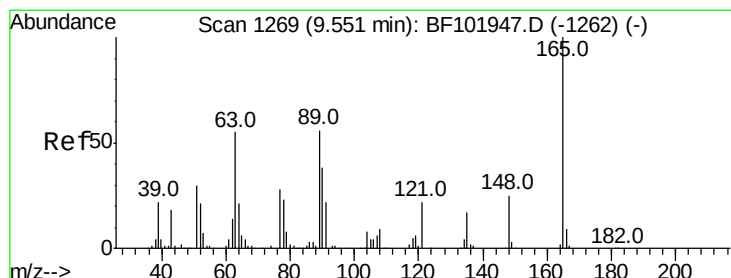
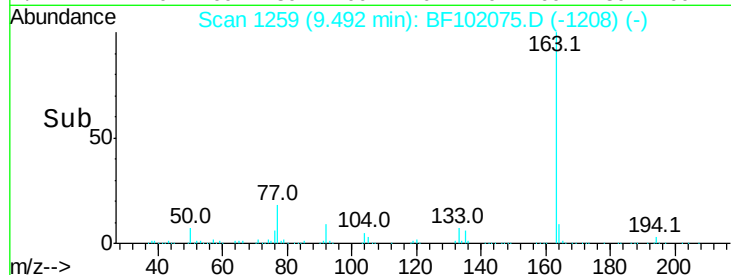
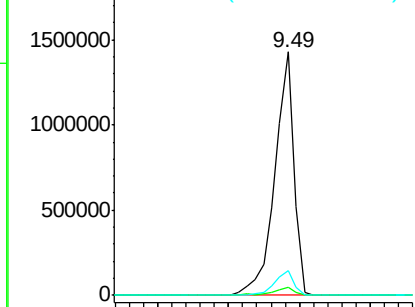
#49
Dimethylphthalate
Concen: 46.159 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1353315
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

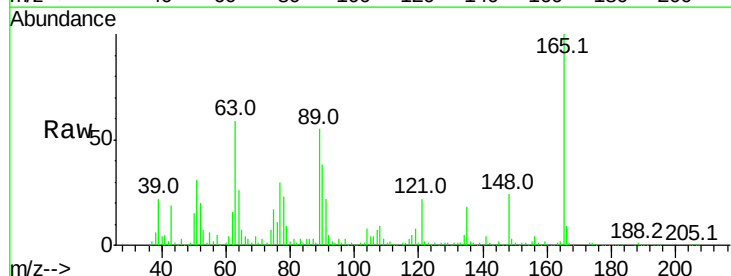


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

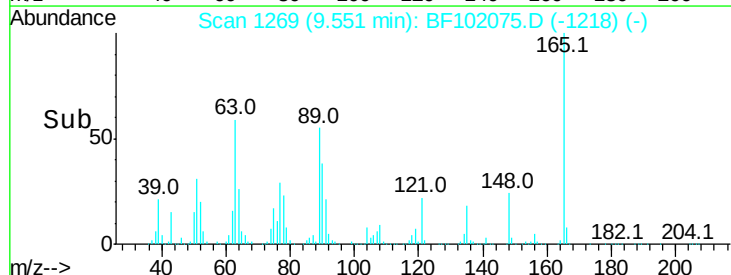
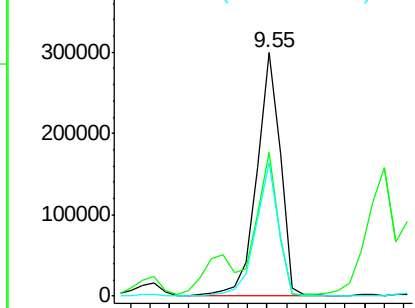


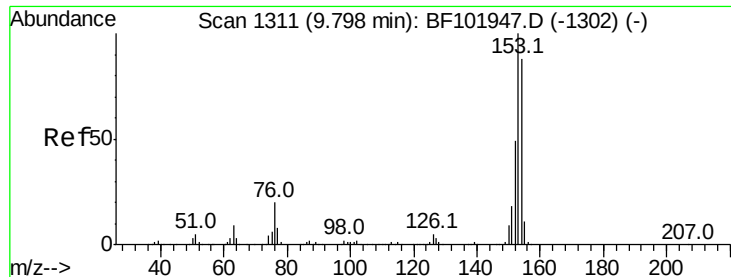
#50
2,6-Dinitrotoluene
Concen: 42.095 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion:165 Resp: 246525
Ion Ratio Lower Upper
165 100
63 58.9 44.7 67.1
89 54.7 44.0 66.0



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





#51

Acenaphthene

Concen: 32.746 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

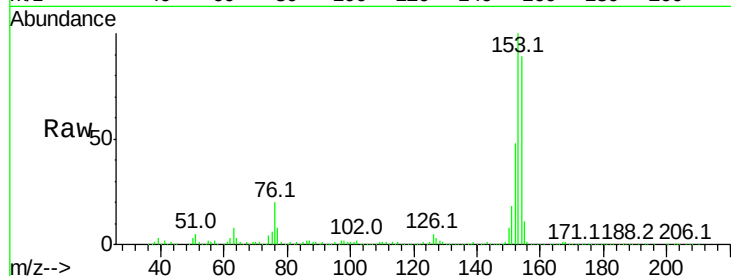
Tot Ion:154 Resp: 790147

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

152 54.6 43.8 65.8

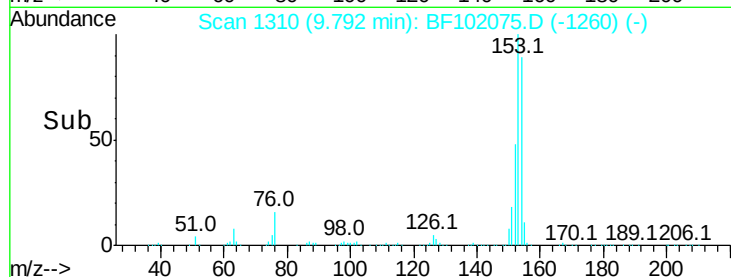


Abundance Ion 154.00 (153.70 to 154.70): E

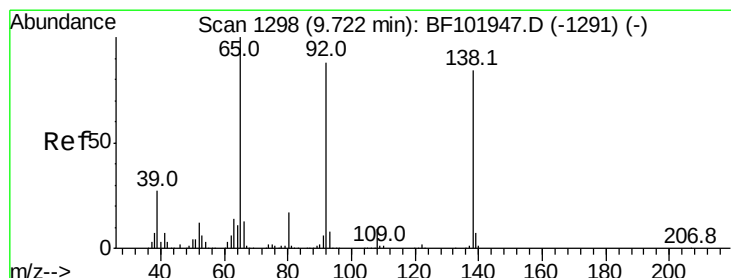
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#52

3-Nitroaniline

Concen: 33.405 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

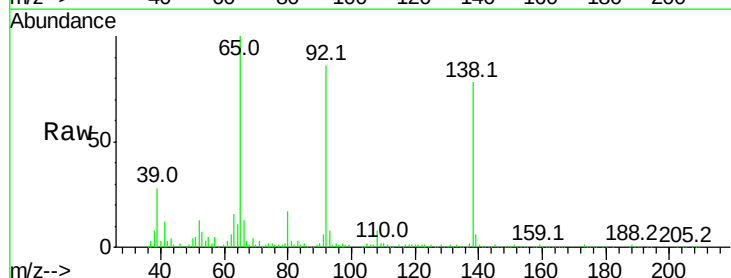
Tgt Ion:138 Resp: 246900

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

92 109.7 89.4 134.2

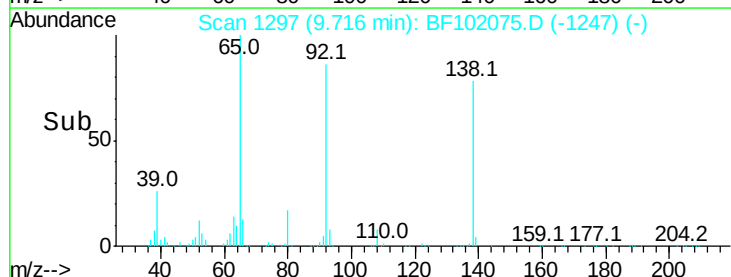


Abundance Ion 138.00 (137.70 to 138.70): E

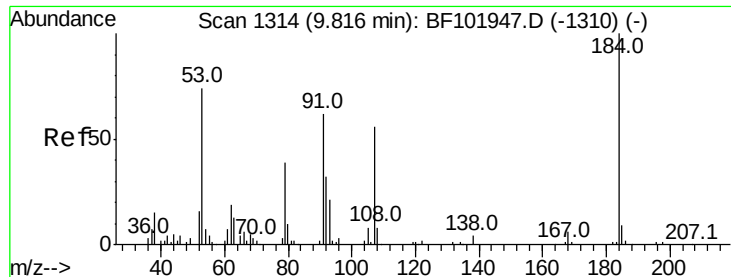
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->



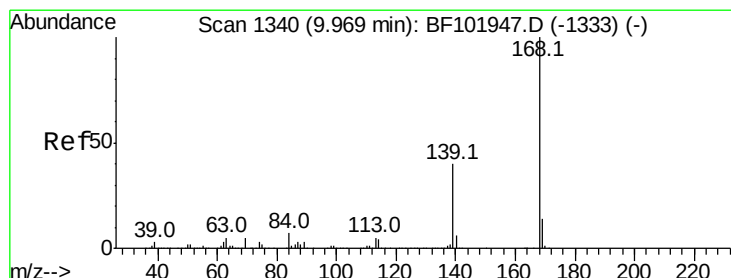
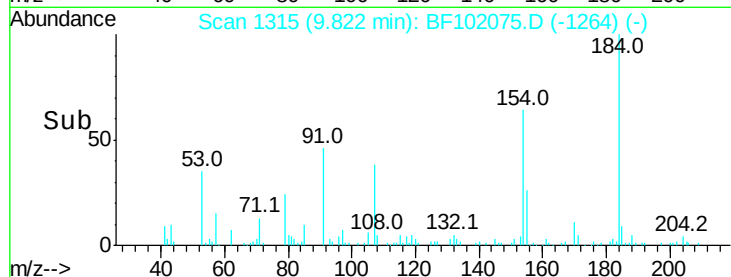
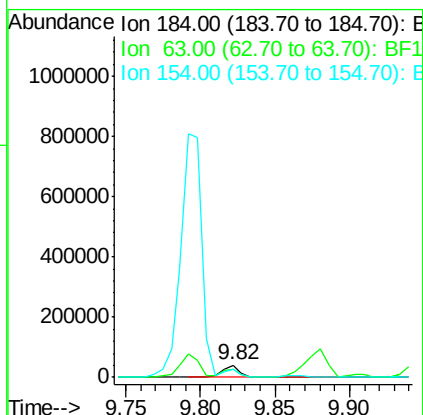
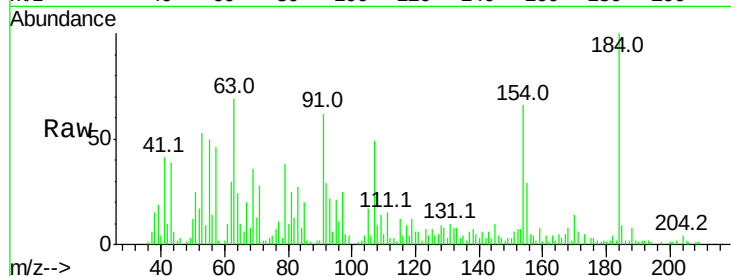
Time-->



#53
 2,4-Dinitrophenol
 Concen: 22.054 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

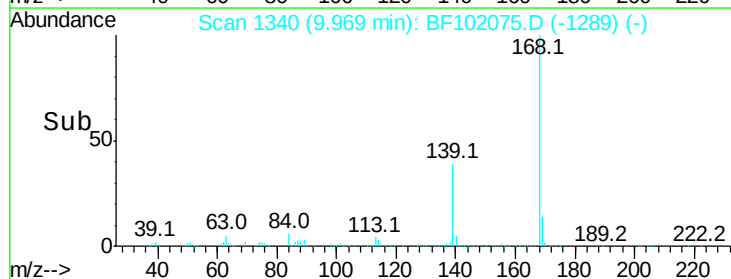
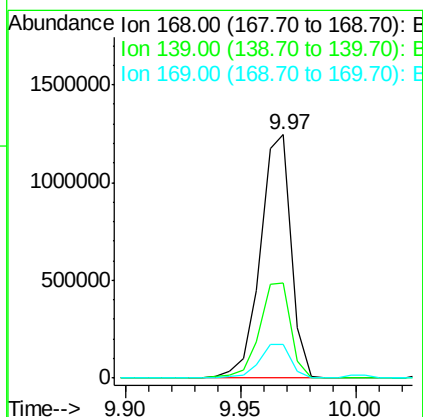
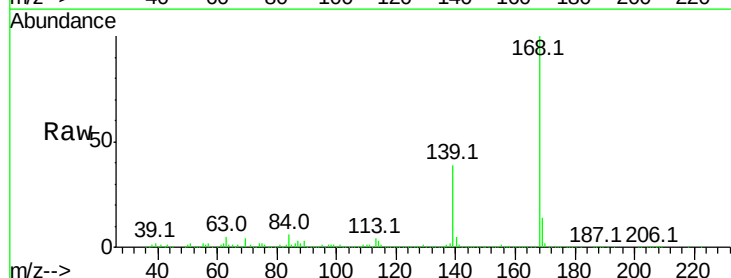
Instrument :
 BNA_F
 ClientSampleId :

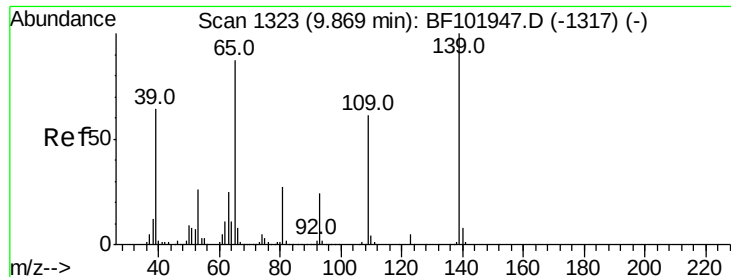
Tot Ion:184 Resp: 33621
 Ion Ratio Lower Upper
 184 100
 63 69.3 54.2 81.2
 154 66.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.856 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion:168 Resp: 1154269
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.9 10.9 16.3

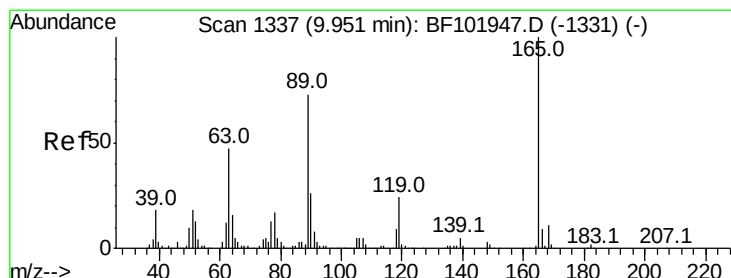
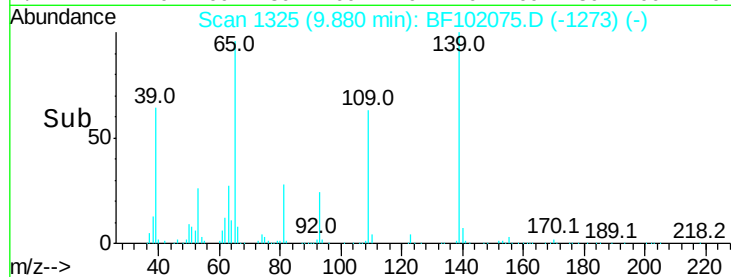
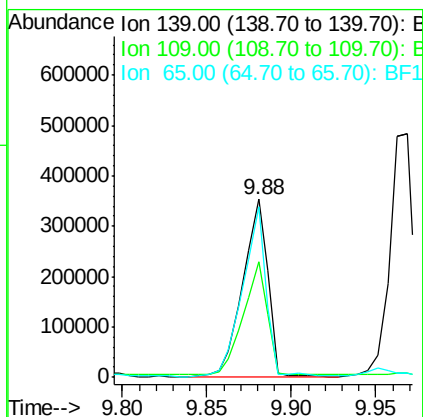
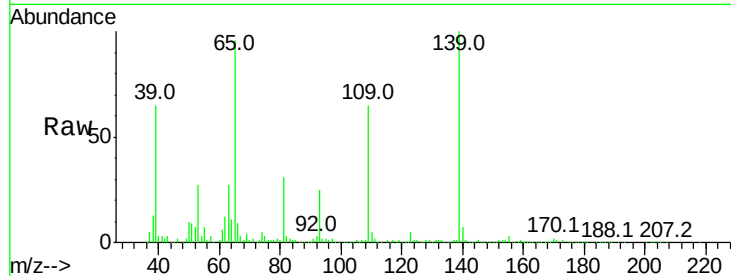




#55
4-Nitrophenol
Concen: 66.796 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

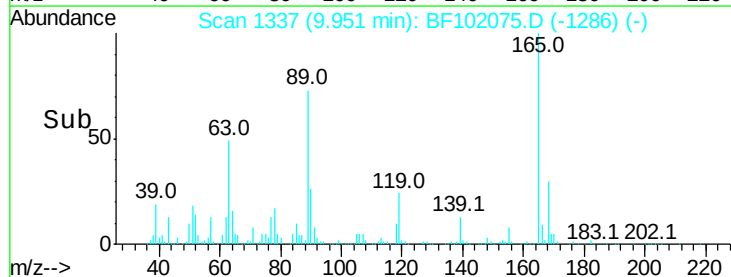
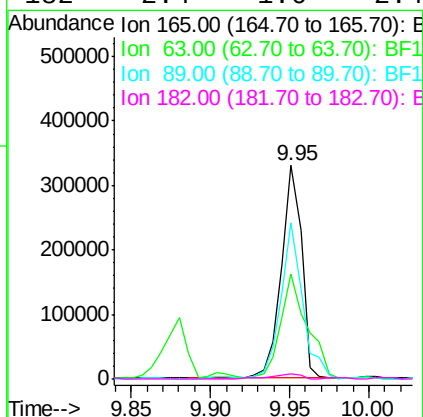
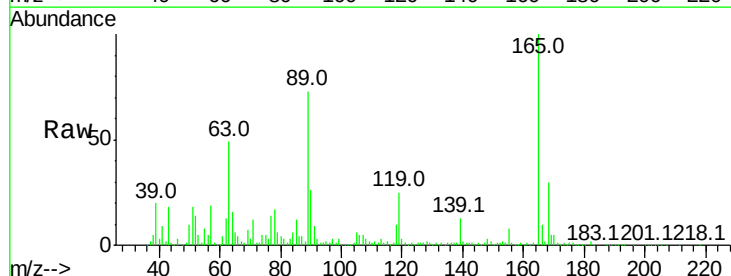
Instrument :
BNA_F
ClientSampleId :

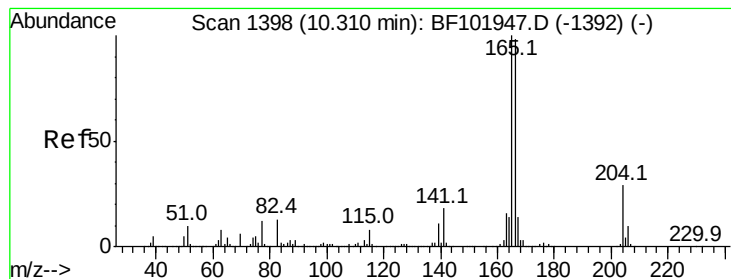
Tot Ion:139 Resp: 367917
Ion Ratio Lower Upper
139 100
109 64.7 48.4 88.4
65 96.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.952 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion:165 Resp: 293260
Ion Ratio Lower Upper
165 100
63 49.0 36.4 54.6
89 72.9 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 36.554 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

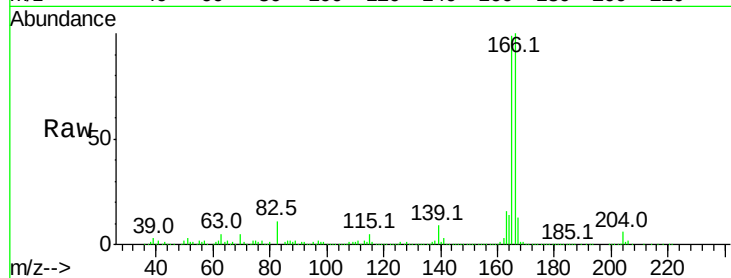
Tot Ion:166 Resp: 836818

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

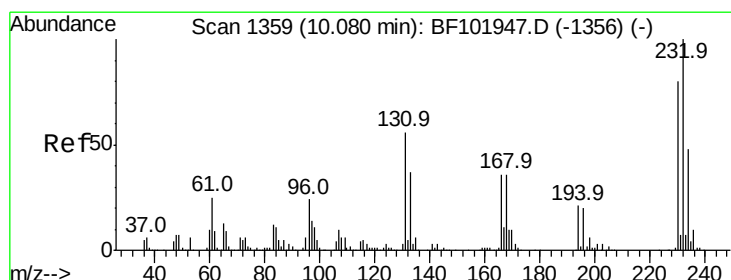
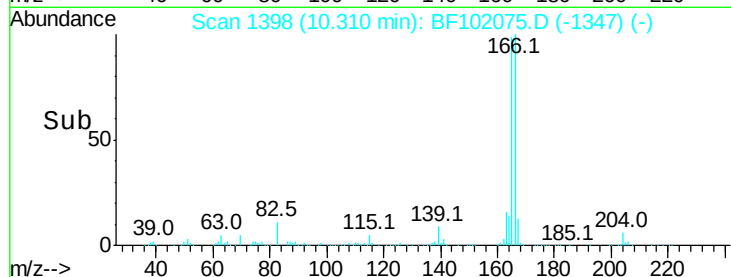
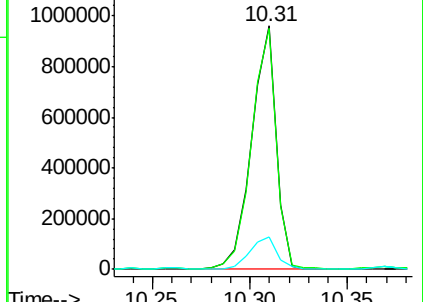
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.970 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Tgt Ion:232 Resp: 206224

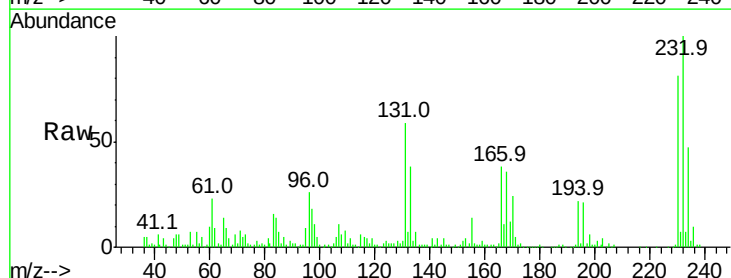
Ion Ratio Lower Upper

232 100

131 53.9 43.8 65.8

130 3.3 2.1 3.1#

166 34.8 27.8 41.6

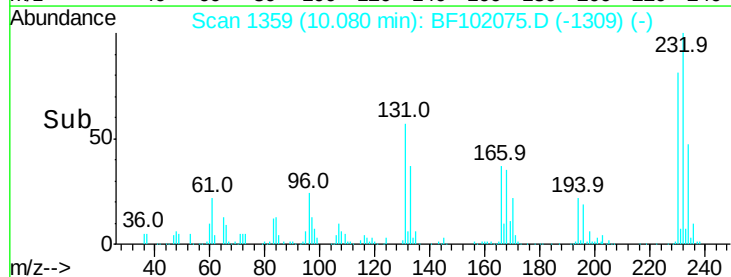
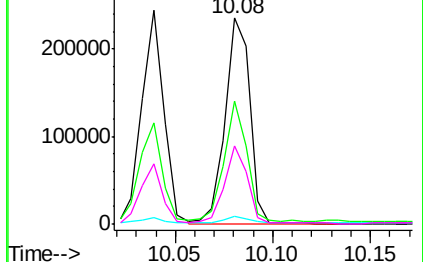


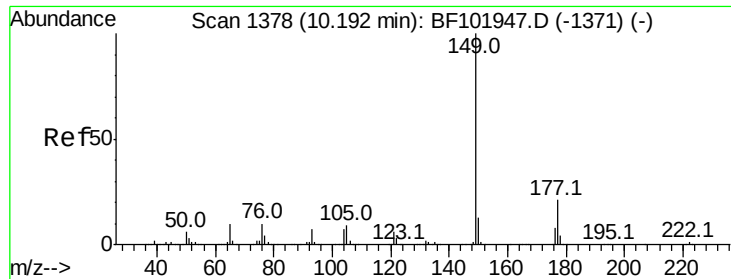
Abundance Ion 232.00 (231.70 to 232.70): E

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

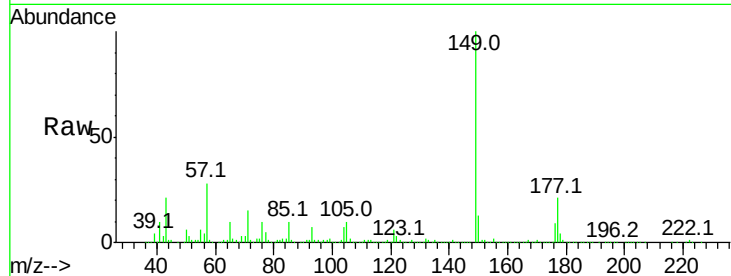




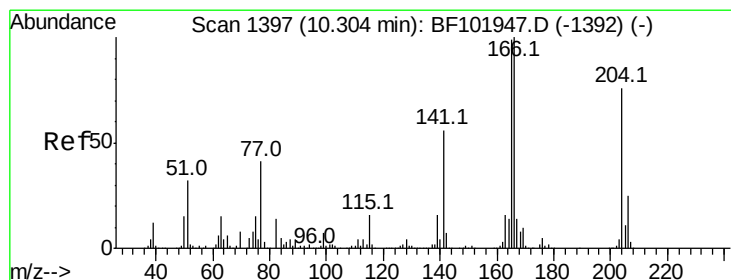
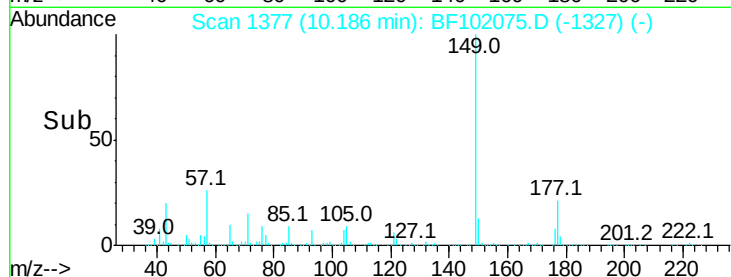
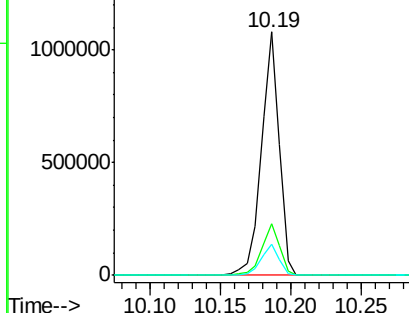
#59
Diethylphthalate
Concen: 33.027 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	13.0	10.1	15.1

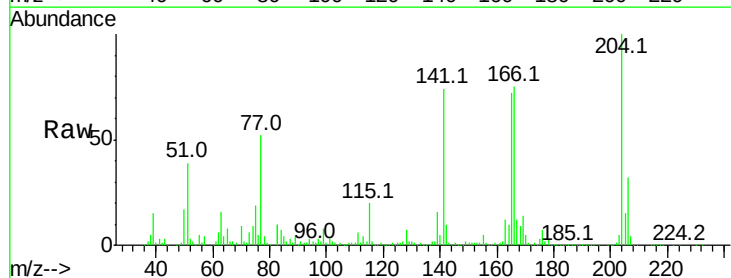


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

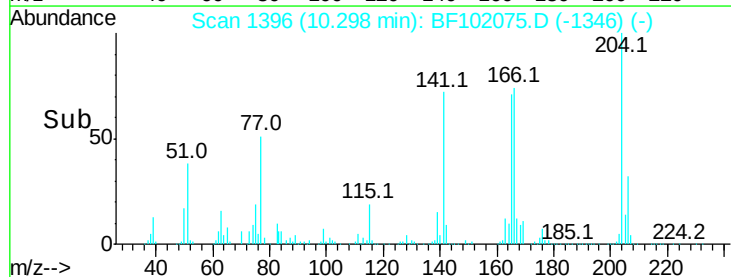
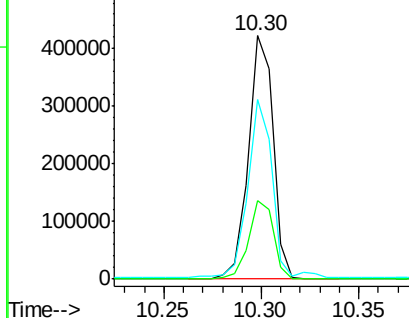


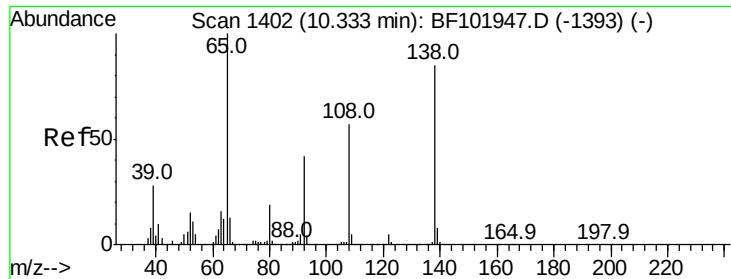
#60
4-Chlorophenyl-phenylether
Concen: 38.046 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	73.6	54.6	81.8



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

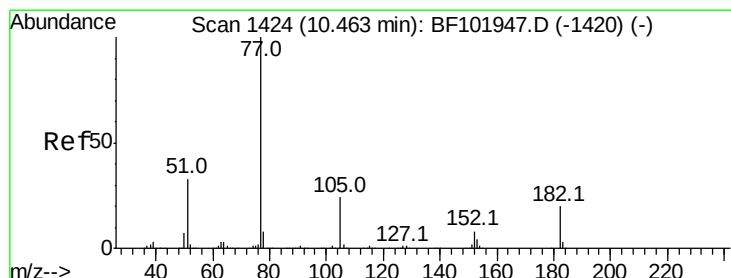
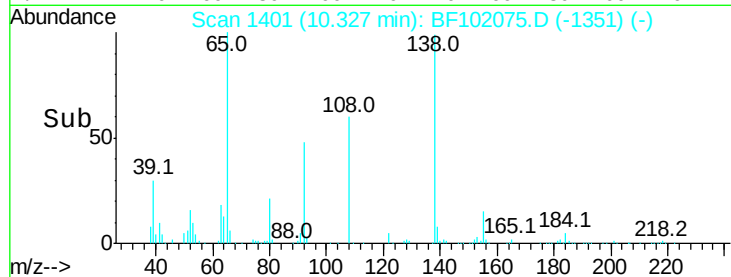
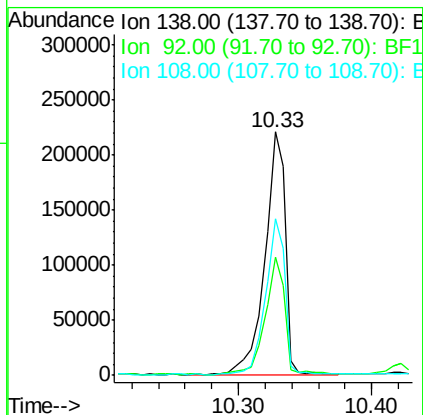
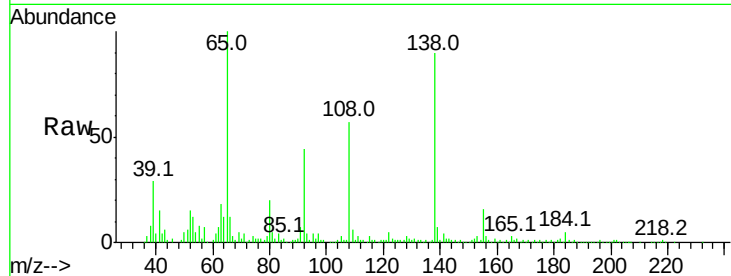




#61
4-Nitroaniline
Concen: 33.285 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

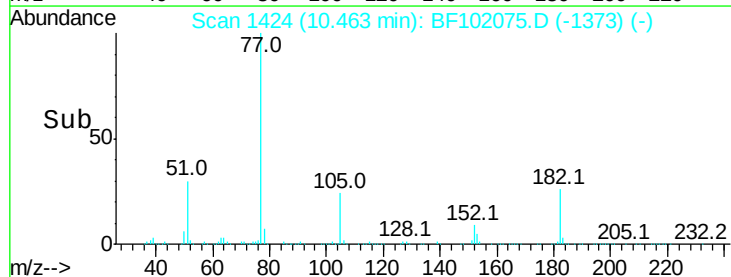
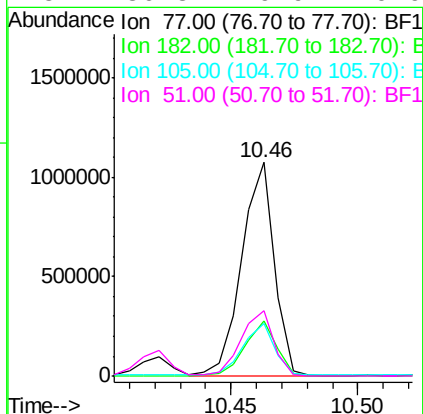
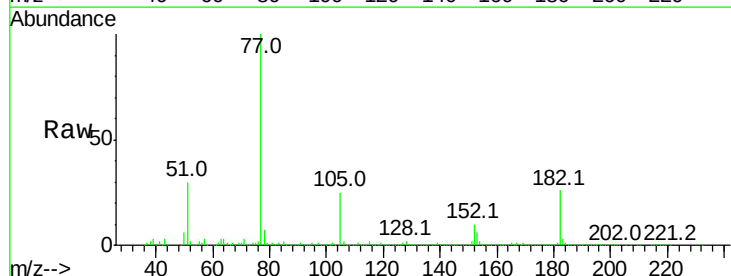
Instrument :
BNA_F
ClientSampled :

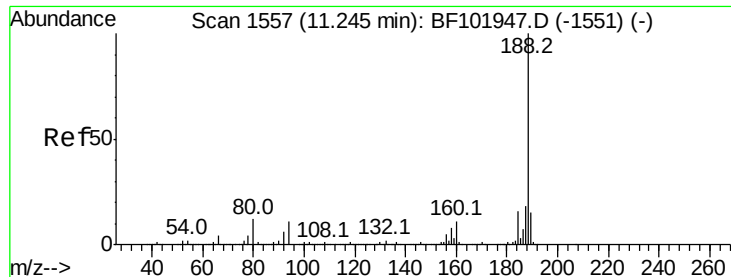
Tot Ion:138 Resp: 233476
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 64.1 52.5 92.5



#62
Azobenzene
Concen: 32.887 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion: 77 Resp: 954246
Ion Ratio Lower Upper
77 100
182 25.6 1.7 41.7
105 24.7 3.0 43.0
51 30.3 9.9 49.9

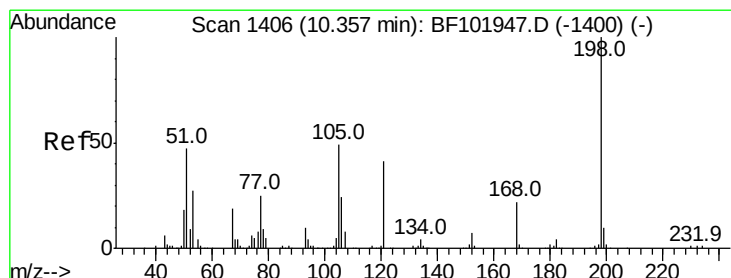
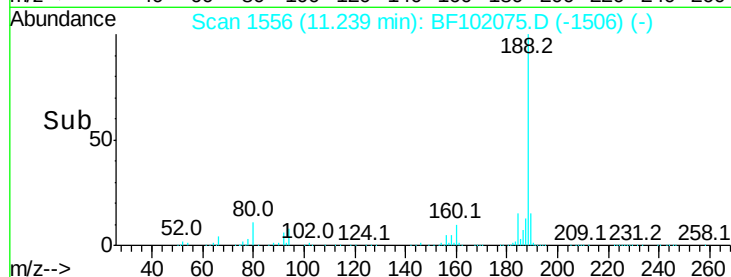
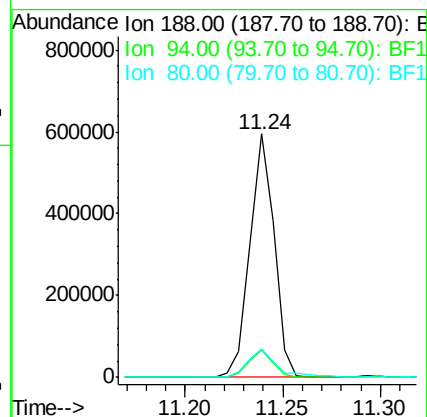
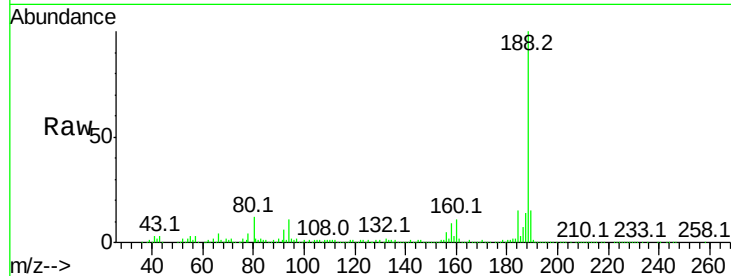




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

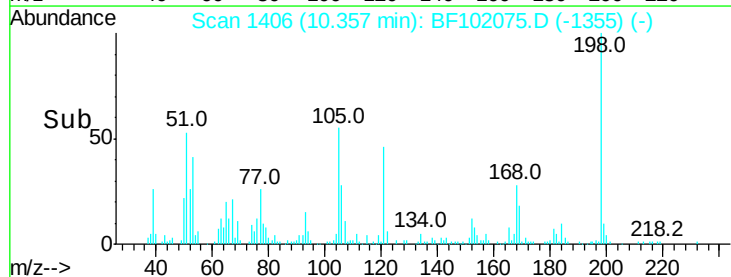
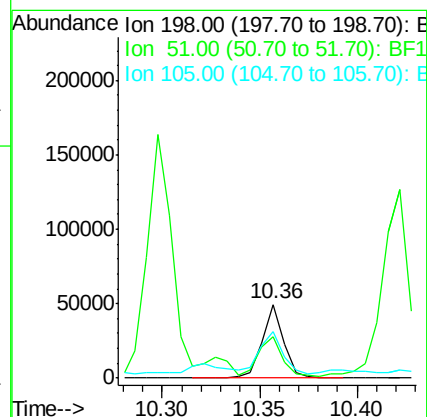
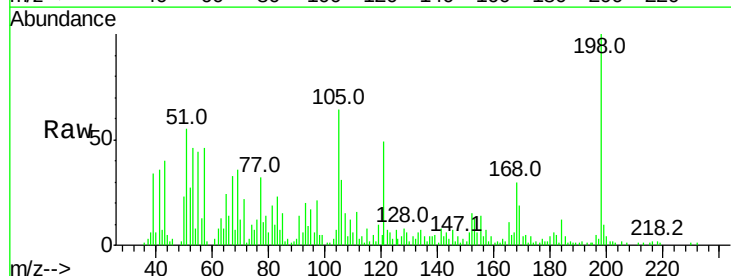
Instrument :
BNA_F
ClientSampleId :

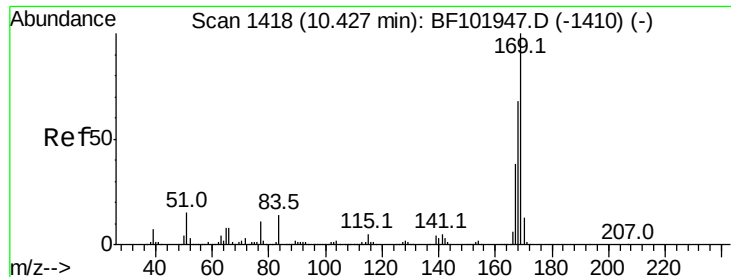
Tot Ion:188 Resp: 515875
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.555 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion:198 Resp: 37778
Ion Ratio Lower Upper
198 100
51 55.2 37.7 77.7
105 63.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.316 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

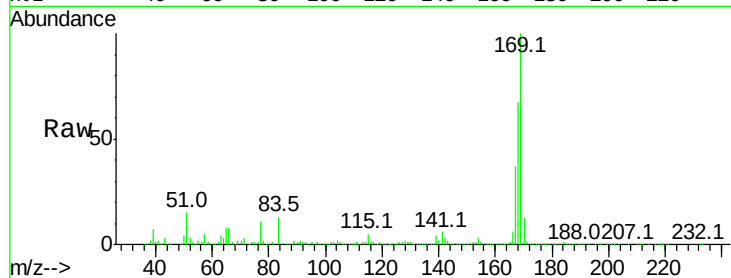
Tot Ion:169 Resp: 759477

Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	36.9	29.8	44.6

169 100

168 67.5 54.4 81.6

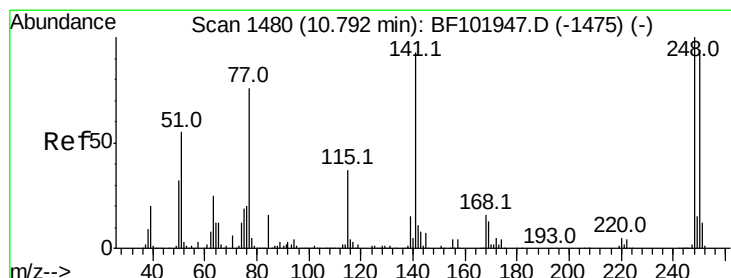
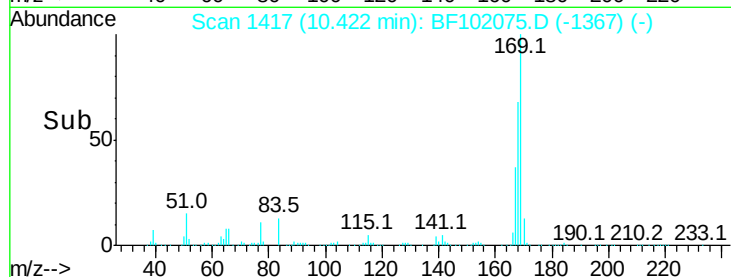
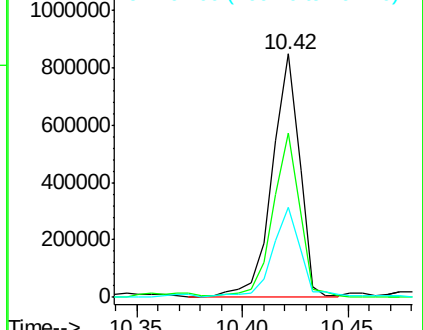
167 36.9 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 41.999 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

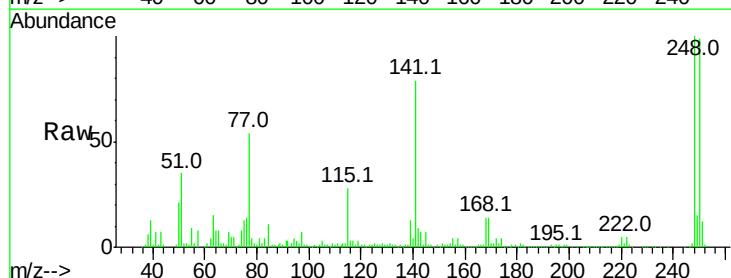
Tgt Ion:248 Resp: 228806

Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	78.6	74.4	111.6

248 100

250 99.2 76.9 115.3

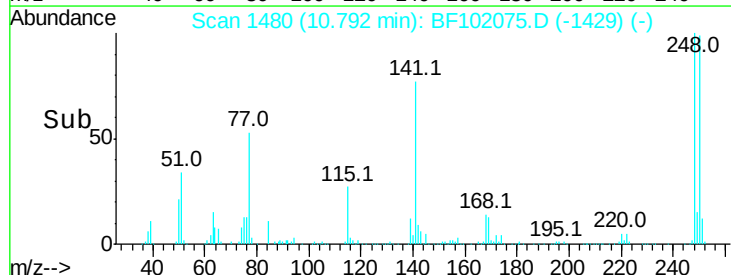
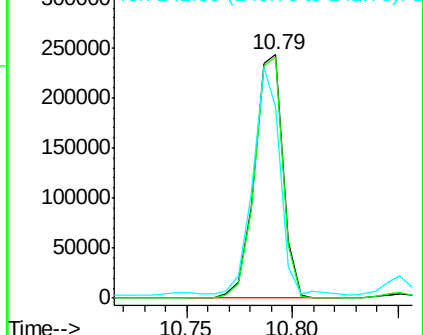
141 78.6 74.4 111.6

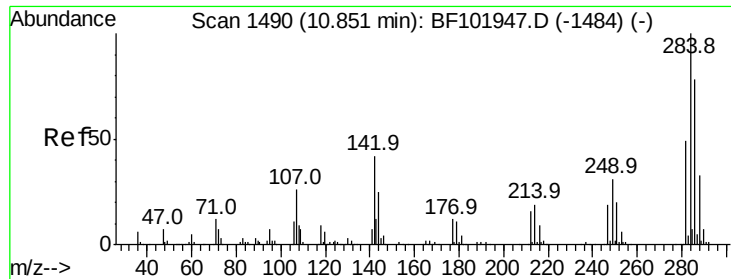


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.173 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

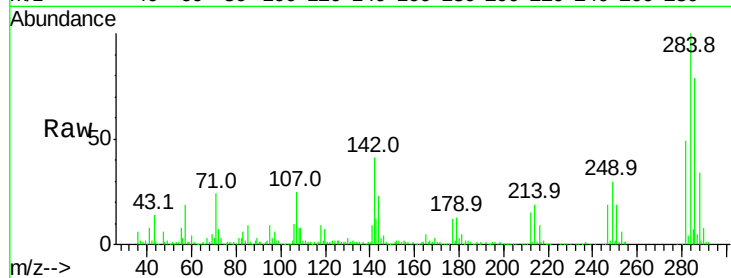
Tot Ion:284 Resp: 227030

Ion Ratio Lower Upper

284 100

142 41.5 34.6 52.0

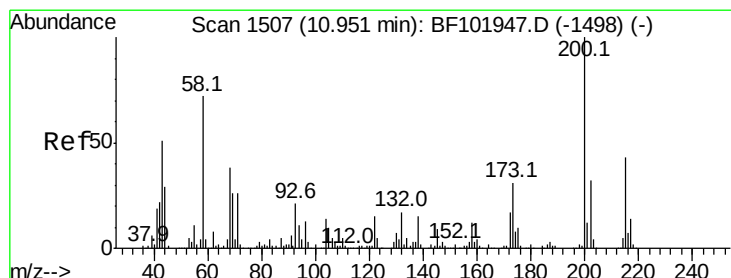
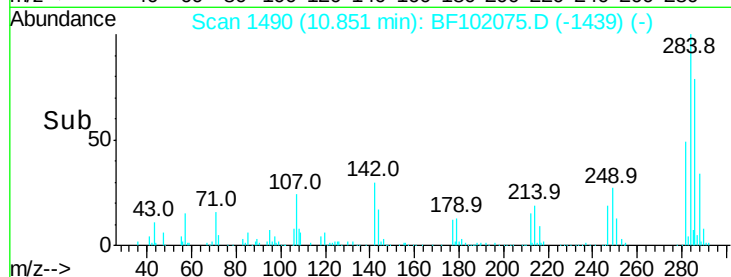
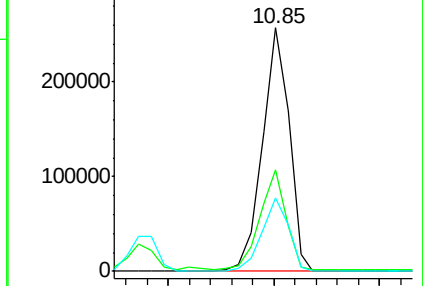
249 30.2 24.8 37.2



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



#68

Atrazine

Concen: 43.970 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

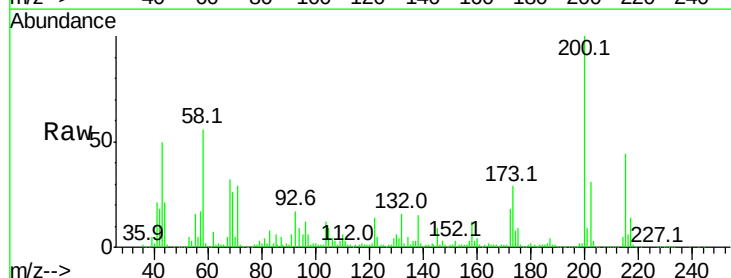
Tgt Ion:200 Resp: 245470

Ion Ratio Lower Upper

200 100

173 28.9 8.6 48.6

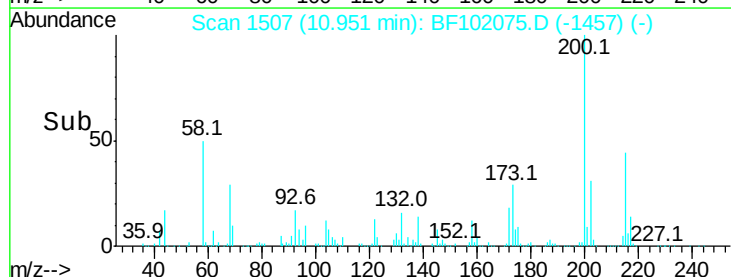
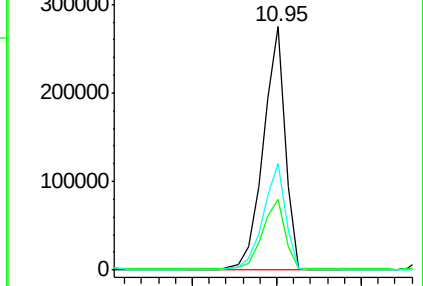
215 43.8 25.1 65.1

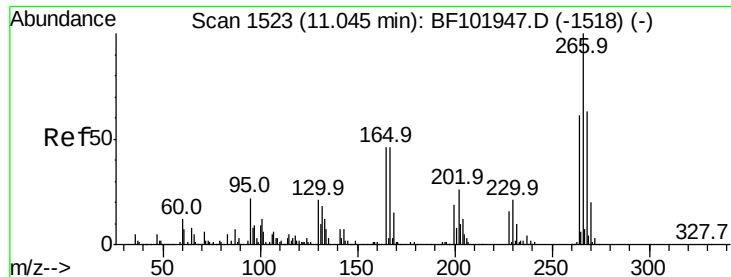


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

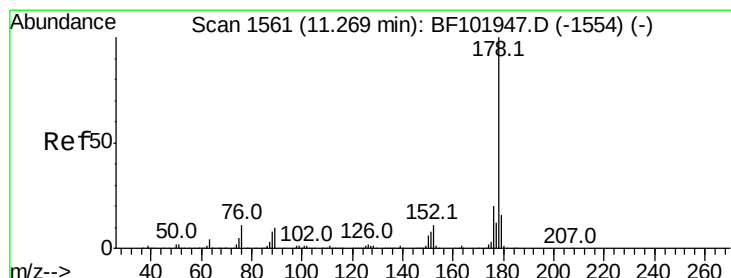
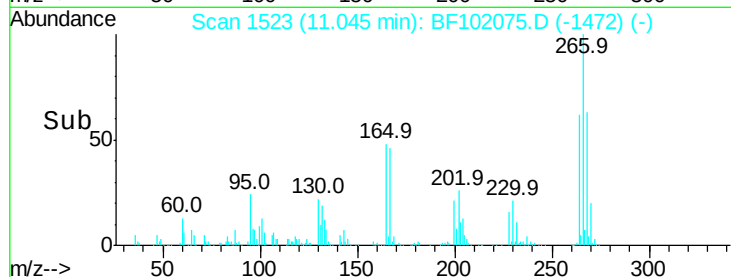
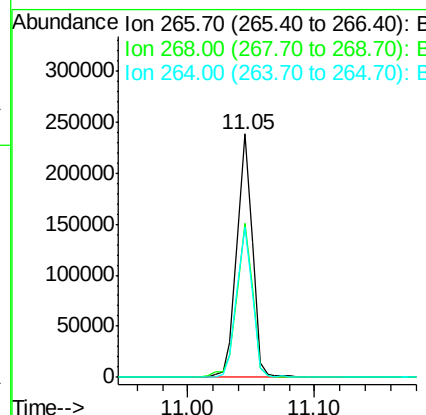
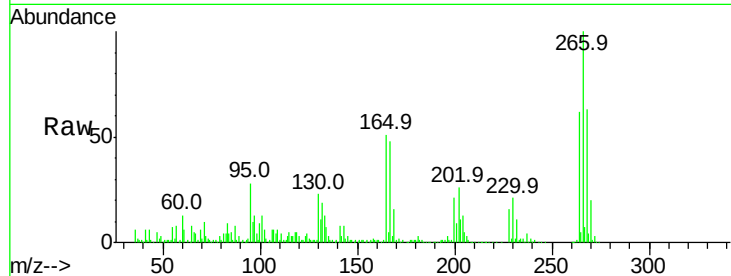




#69
 Pentachlorophenol
 Concen: 55.907 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

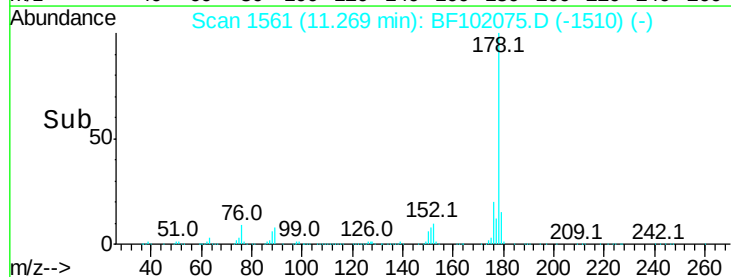
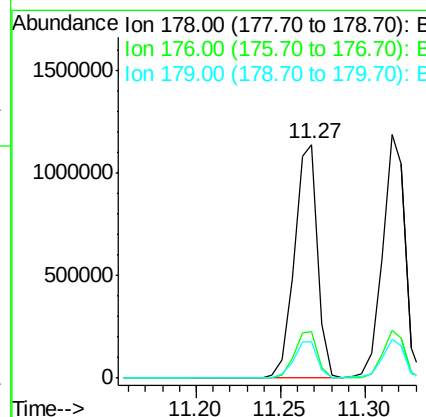
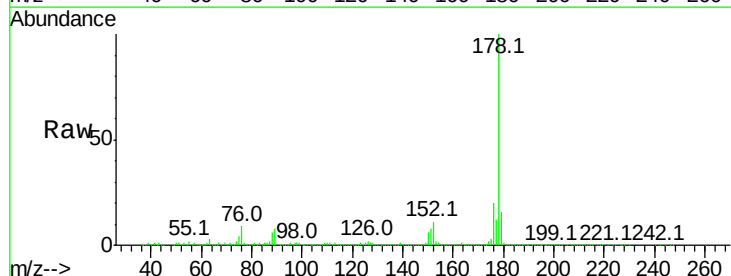
Instrument :
 BNA_F
 ClientSampleId :

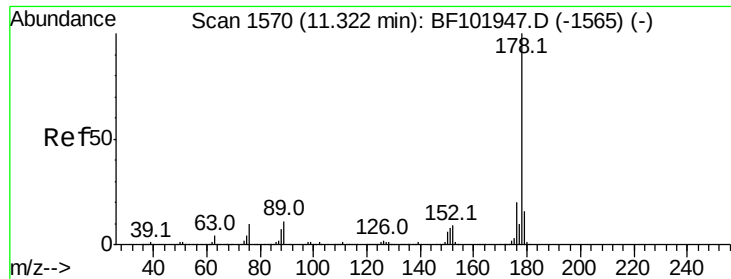
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	61.9	49.5	74.3



#70
 Phenanthrene
 Concen: 36.349 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102075.D
 Acq: 15 Jan 2018 20:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





#71

Anthracene

Concen: 35.924 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

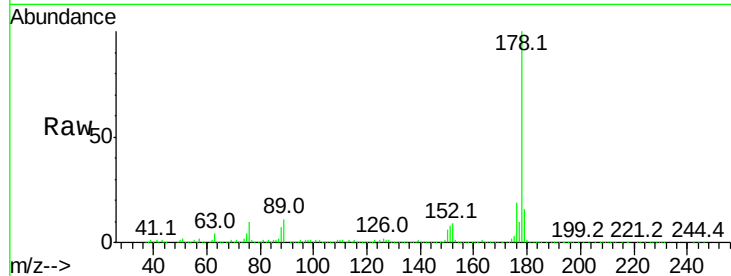
Tot Ion:178 Resp: 1097903

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

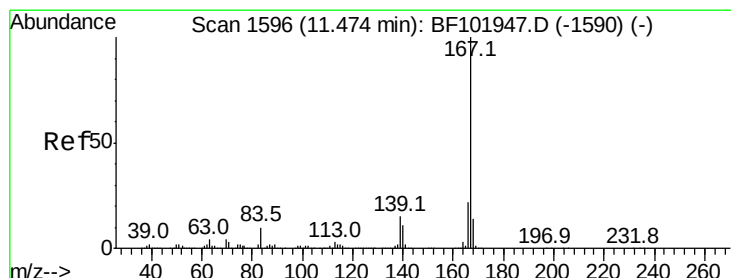
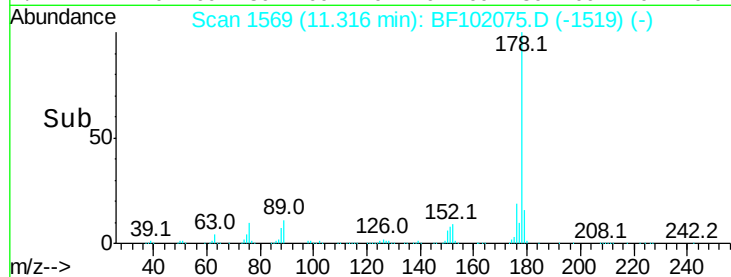
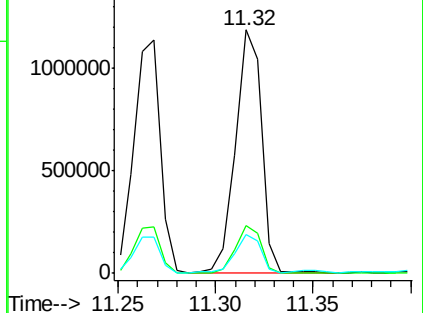
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.909 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

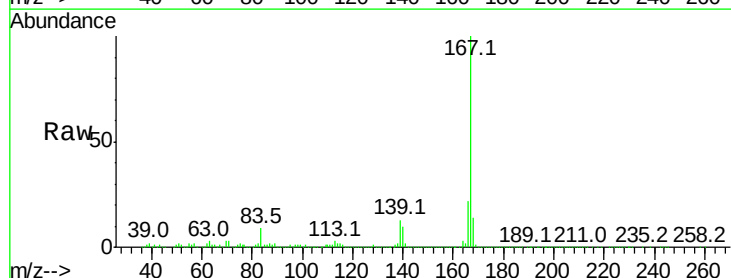
Tgt Ion:167 Resp: 1018594

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

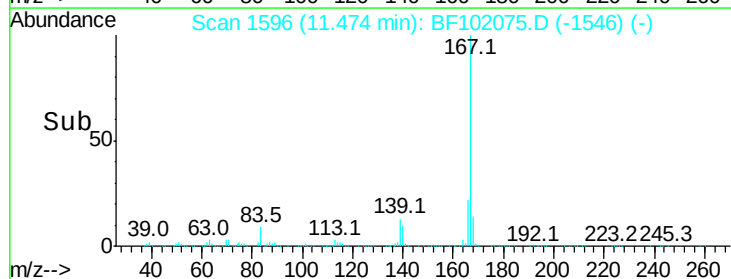
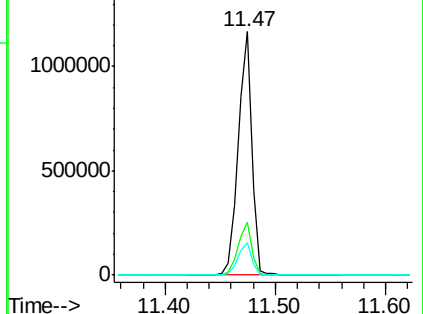
139 13.5 10.9 16.3

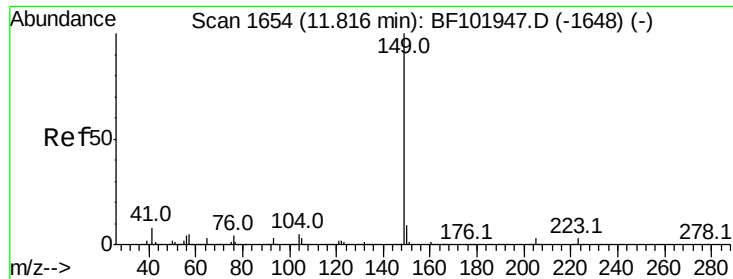


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.924 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

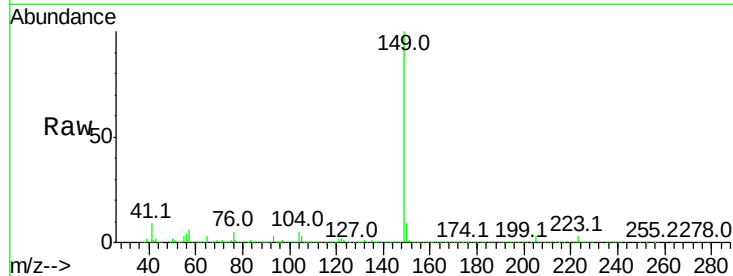
Tot Ion:149 Resp: 1360767

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

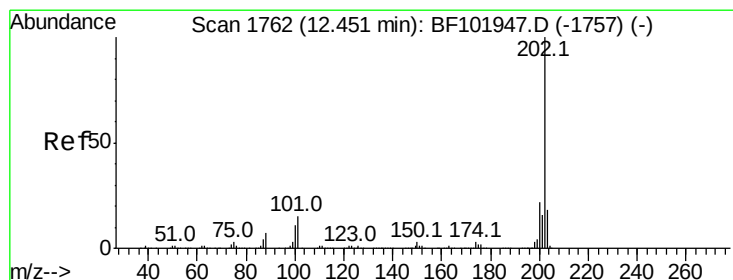
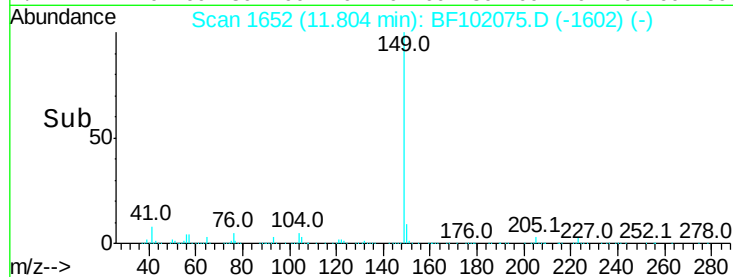
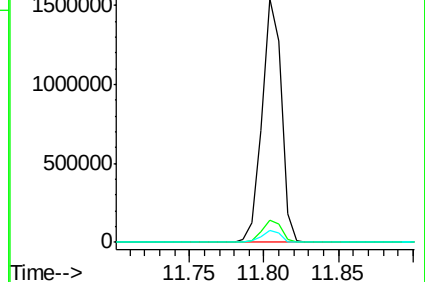
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.681 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

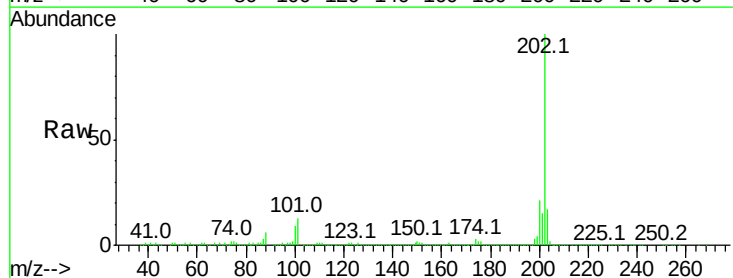
Tgt Ion:202 Resp: 968911

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

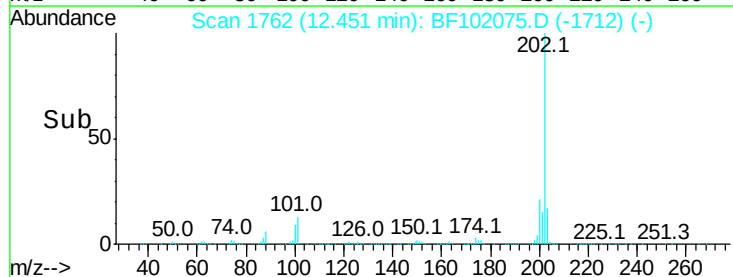
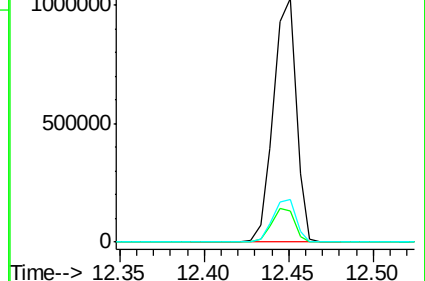
203 17.5 0.0 38.1

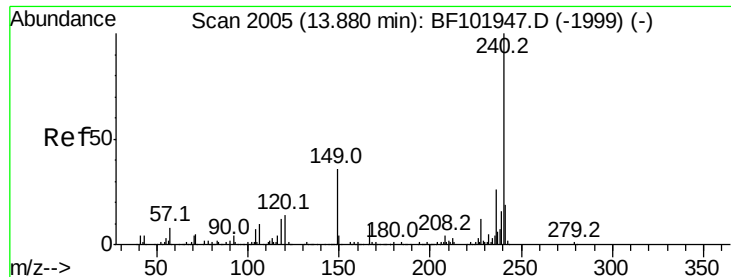


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

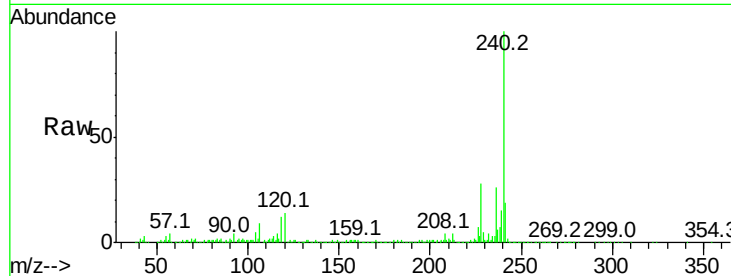
Tot Ion:240 Resp: 372561

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

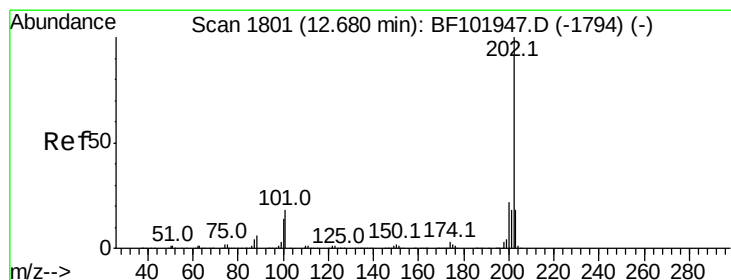
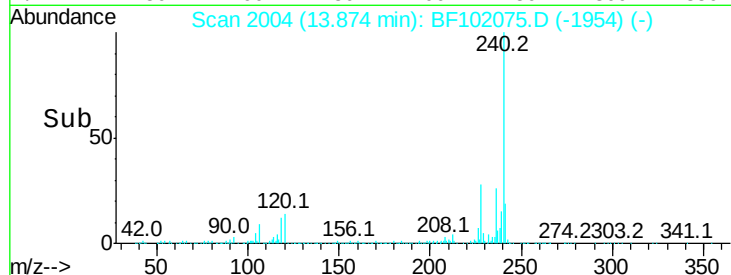
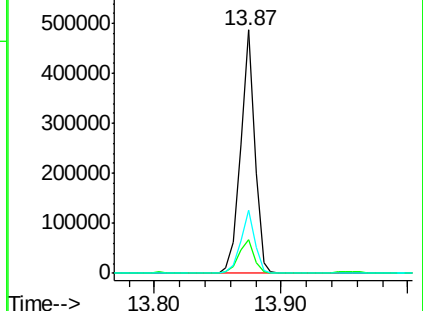
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 29.854 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

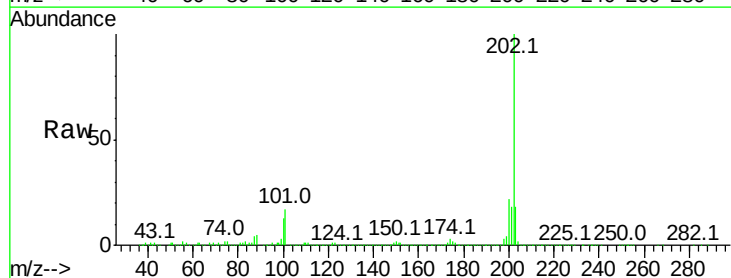
Tgt Ion:202 Resp: 983139

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

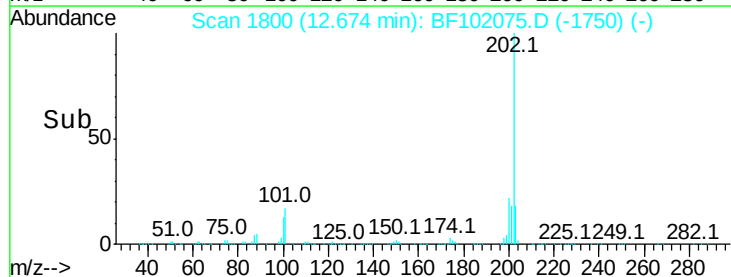
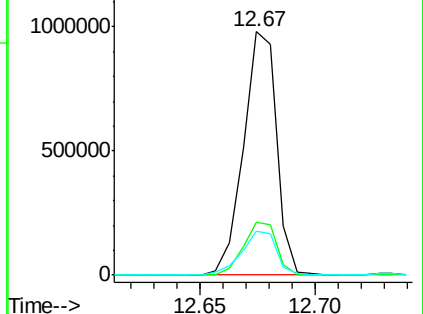
203 18.1 14.3 21.5

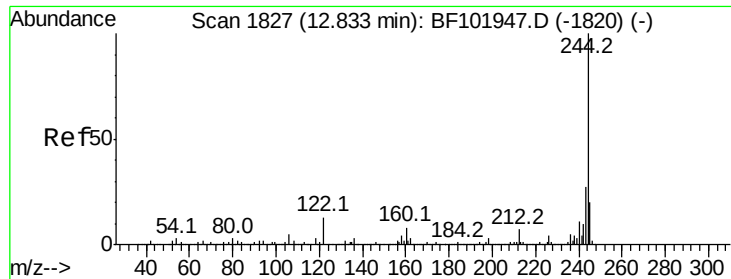


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.799 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

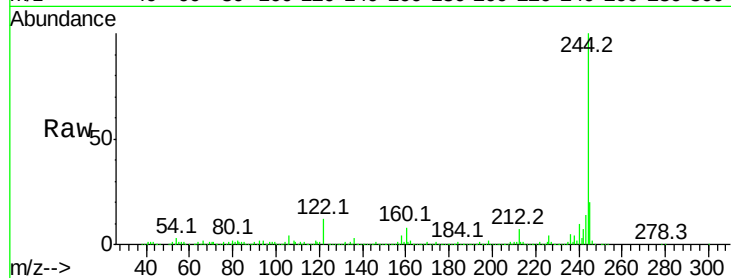
Tot Ion:244 Resp: 1378069

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

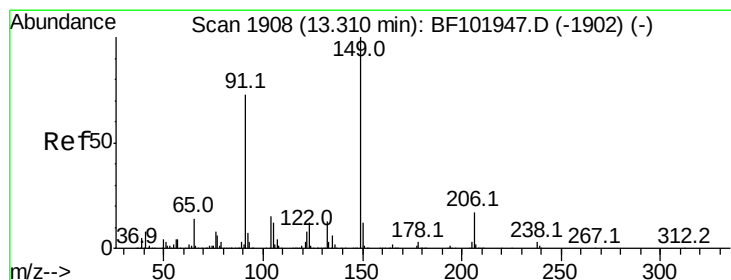
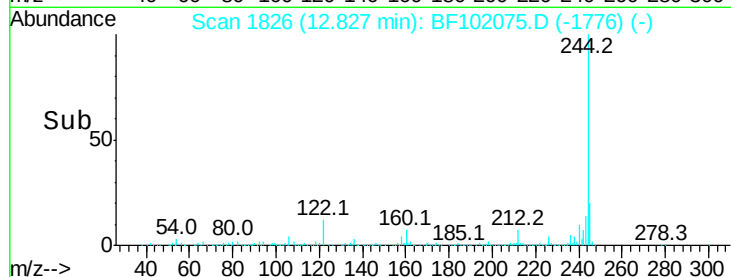
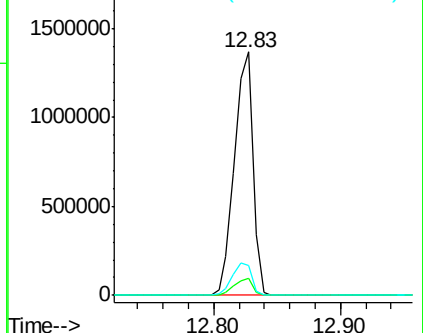
122 12.1 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 32.292 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

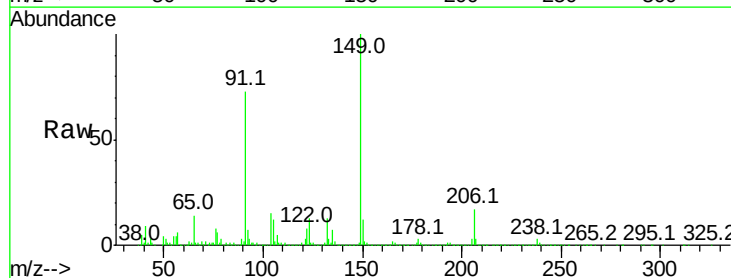
Tgt Ion:149 Resp: 488040

Ion Ratio Lower Upper

149 100

91 73.2 56.8 85.2

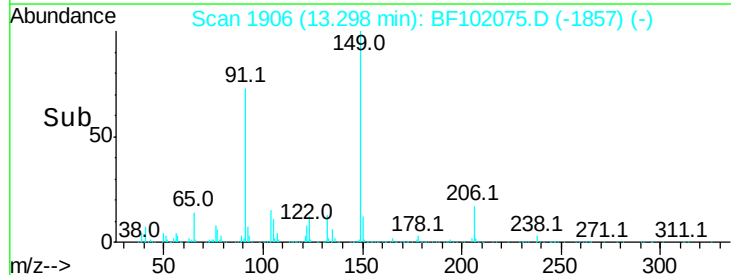
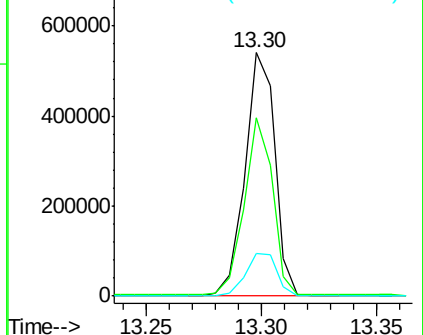
206 17.3 14.1 21.1

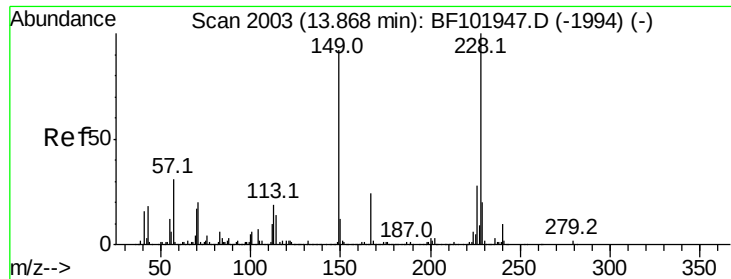


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

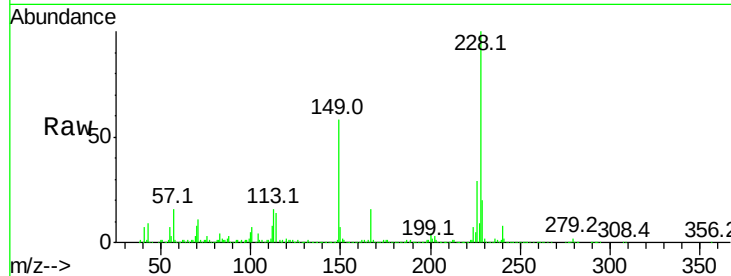




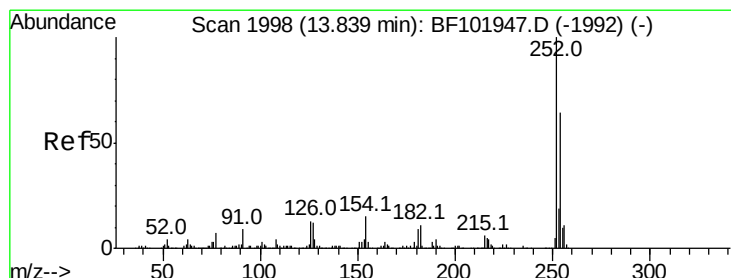
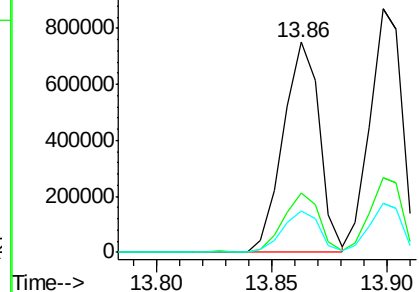
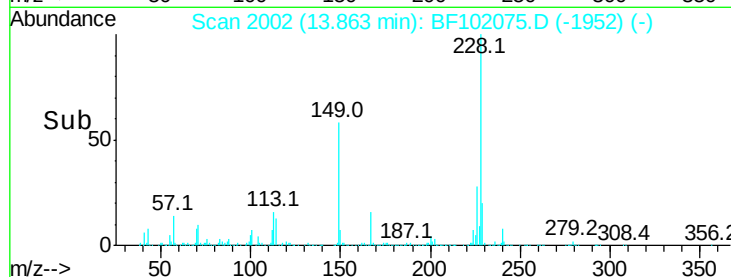
#80
Benzo(a)anthracene
Concen: 34.182 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.9	15.8	23.6

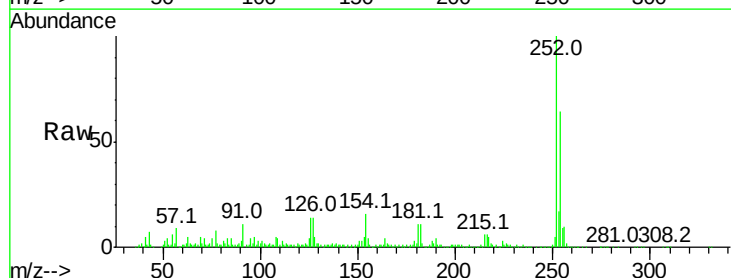


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

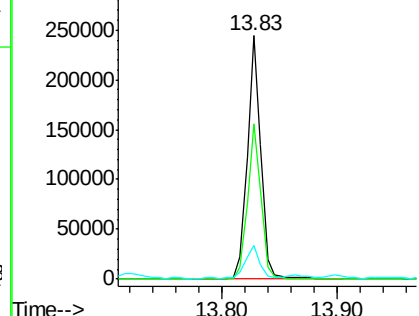
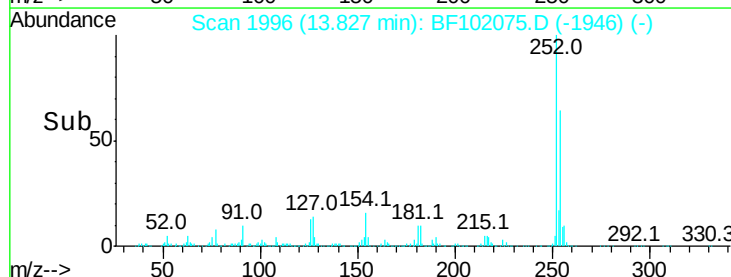


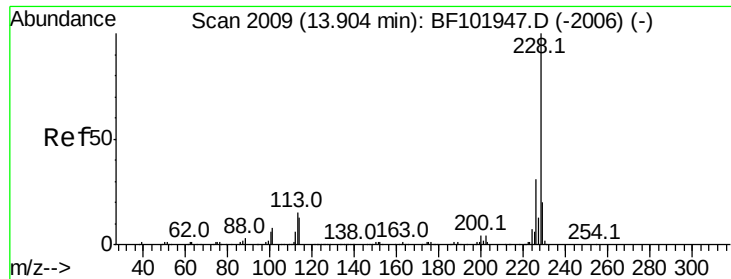
#81
3,3'-Dichlorobenzidine
Concen: 22.705 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	13.9	11.3	16.9



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





#82

Chrysene

Concen: 33.903 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

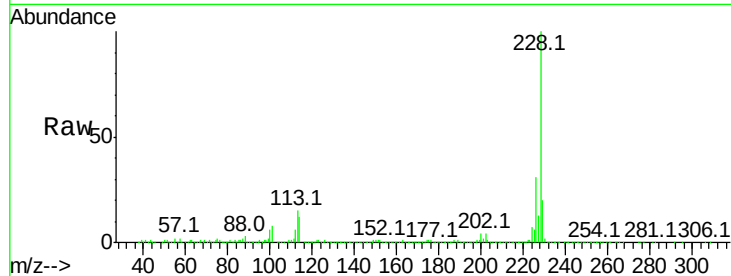
Tot Ion:228 Resp: 840331

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

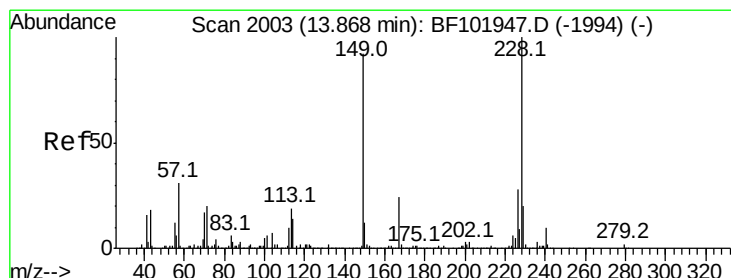
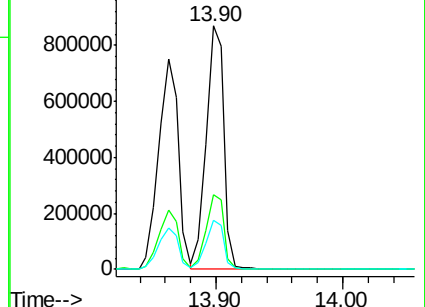
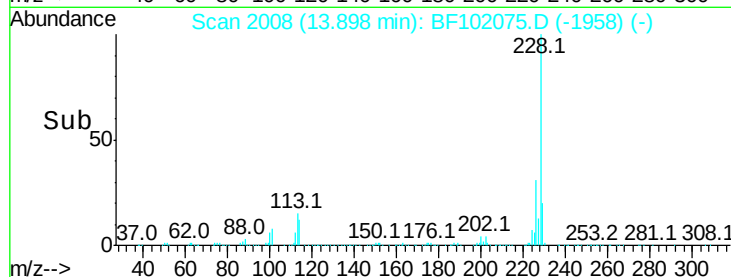
229 20.2 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.349 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

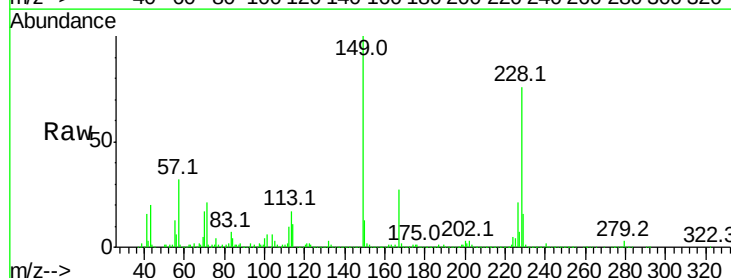
Tgt Ion:149 Resp: 595524

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

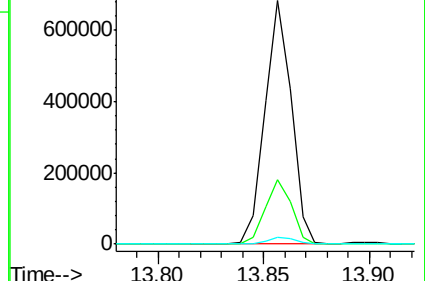
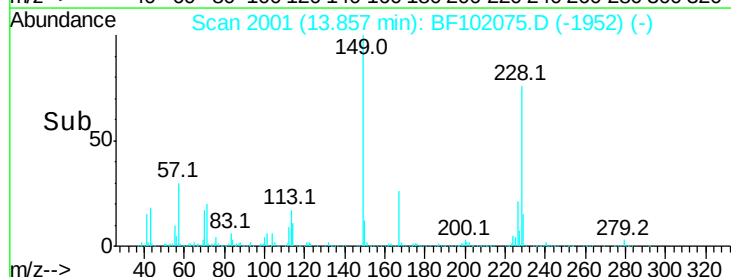
279 2.8 3.0 4.4#

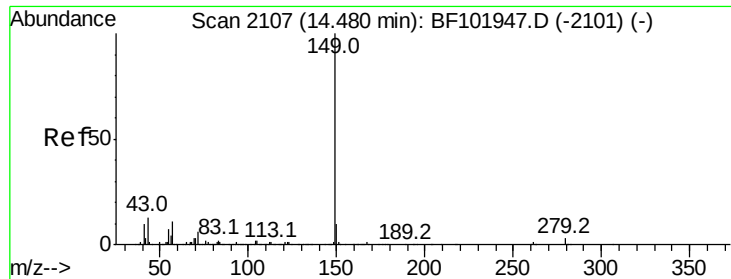


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.460 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

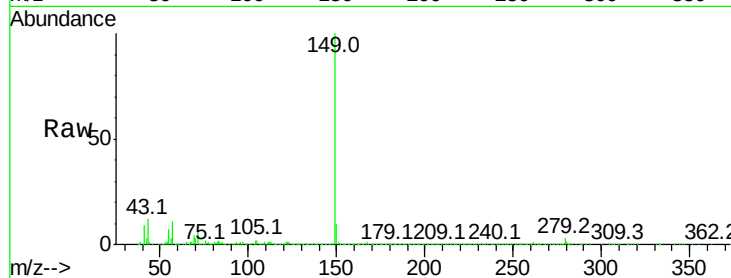
Tot Ion:149 Resp: 1192807

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6

149 100

167 1.6 1.2 1.8

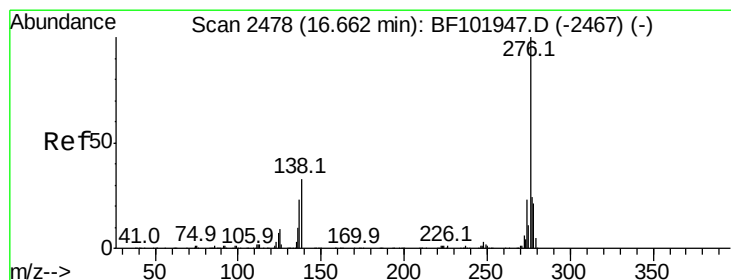
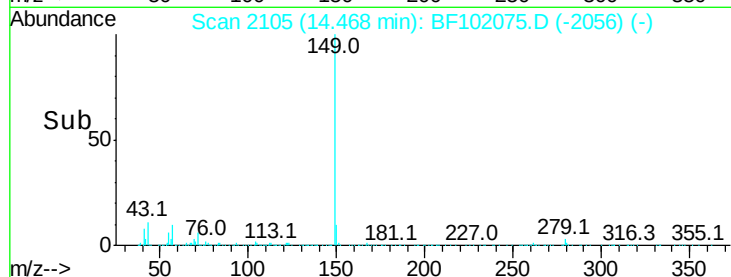
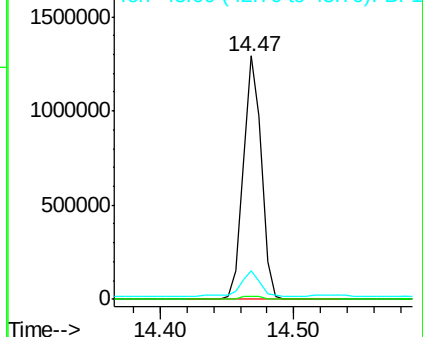
43 11.6 8.4 12.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.170 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

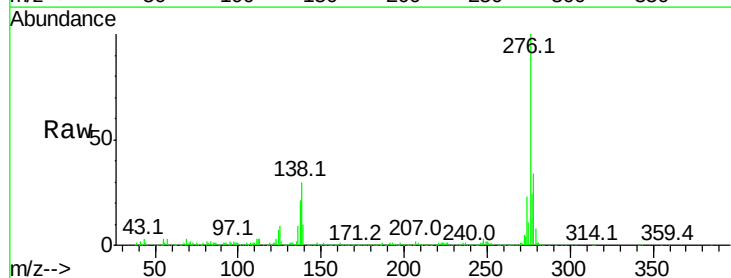
Tgt Ion:276 Resp: 688600

Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.3	20.1	30.1

276 100

138 33.2 25.0 37.6

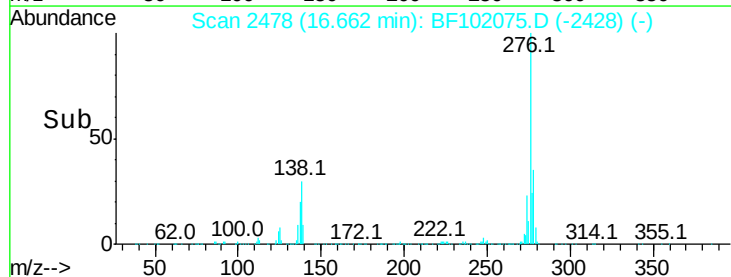
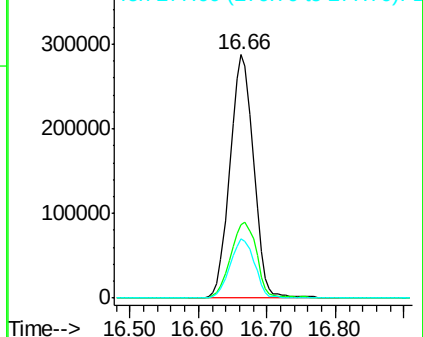
277 25.3 20.1 30.1

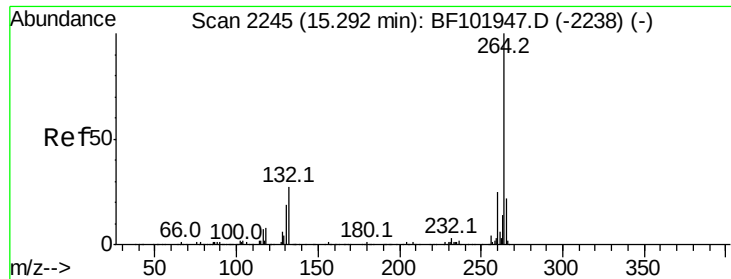


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

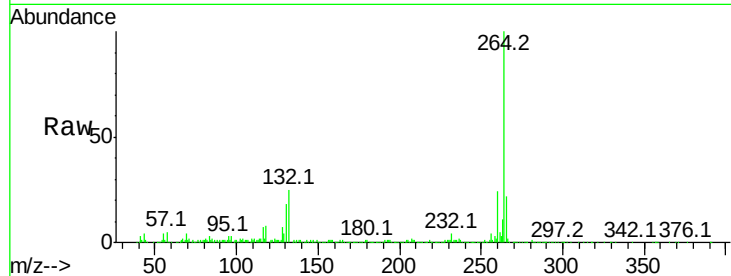




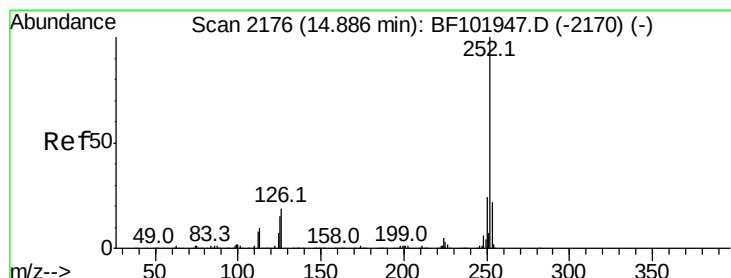
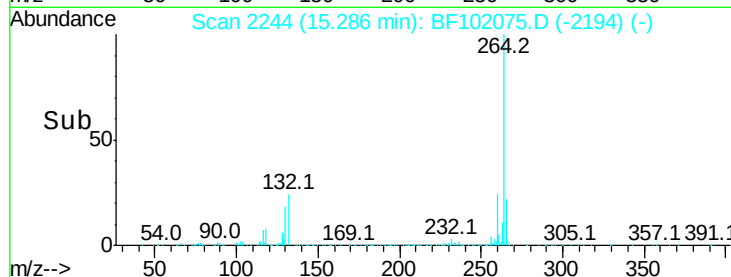
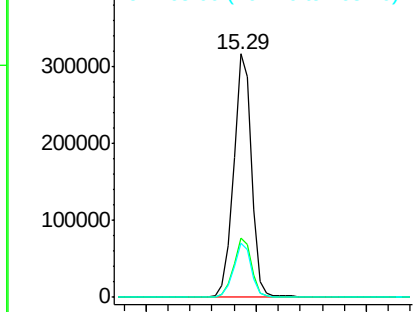
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3

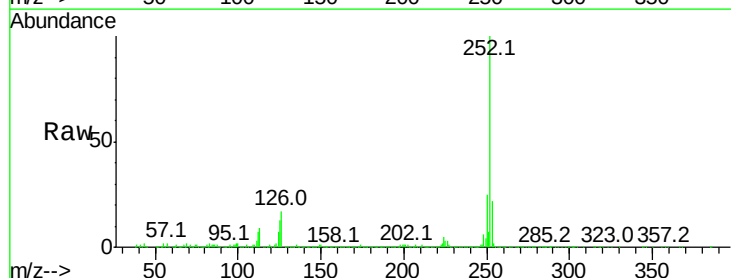


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

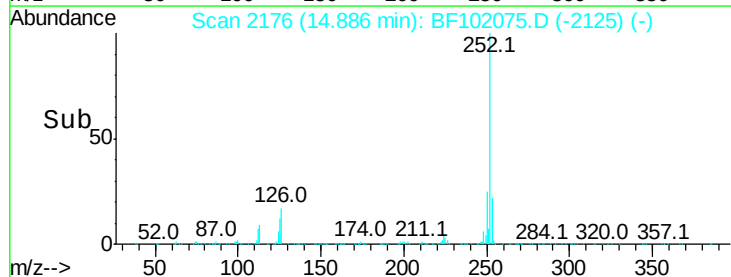
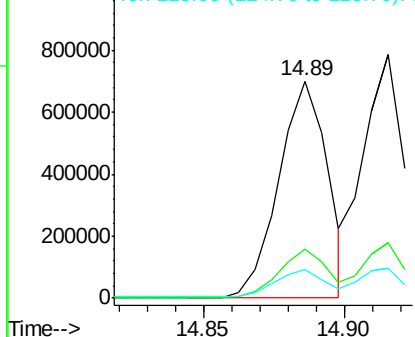


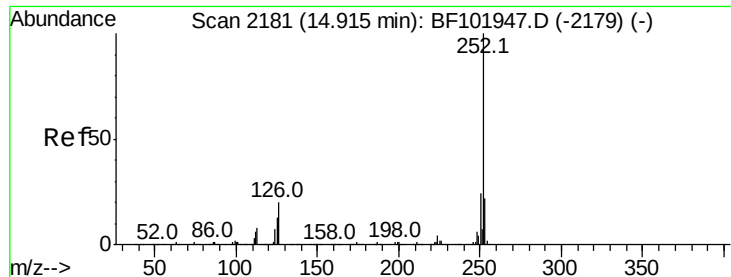
#87
Benzo(b)fluoranthene
Concen: 35.643 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.0	9.0	13.6



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

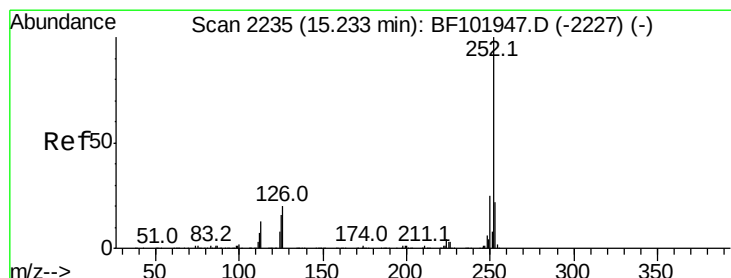
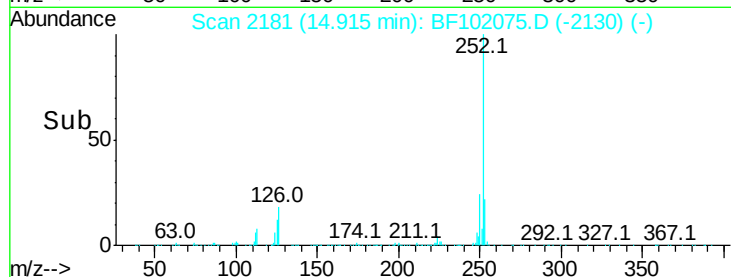
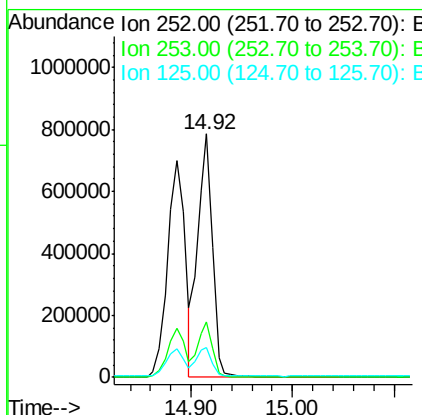
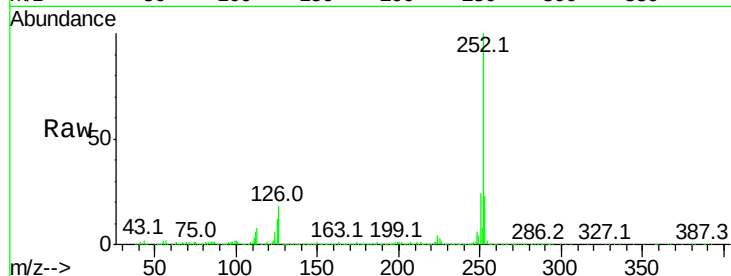




#88
Benzo(k)fluoranthene
Concen: 34.796 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

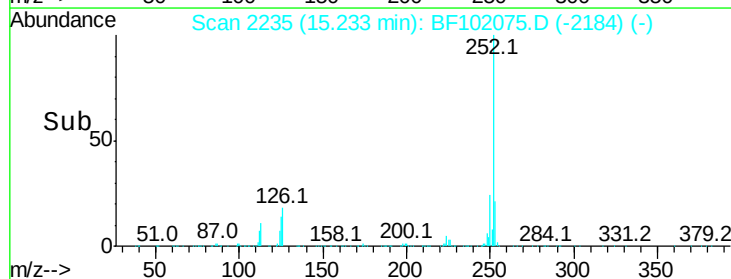
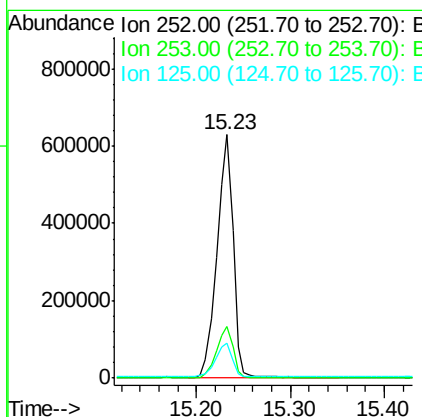
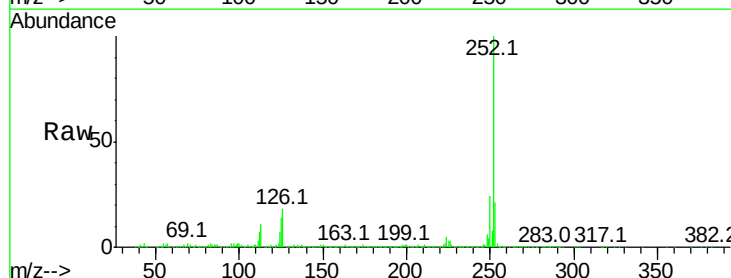
Instrument :
BNA_F
ClientSampled :

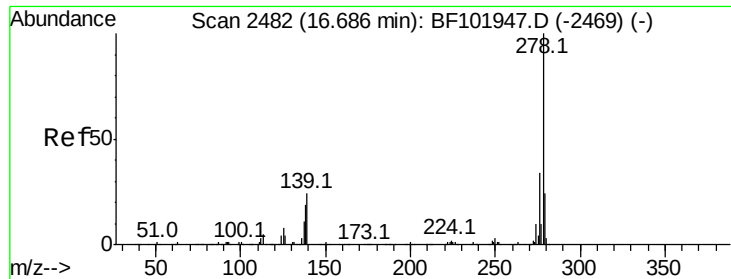
Tot Ion:252 Resp: 790247
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 35.827 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102075.D
Acq: 15 Jan 2018 20:54

Tgt Ion:252 Resp: 758993
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 14.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 34.206 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

Instrument :

BNA_F

ClientSampleId :

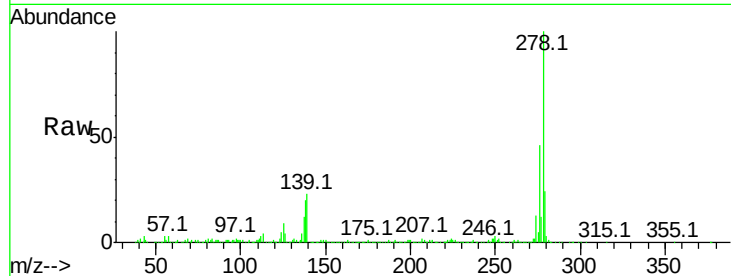
Tot Ion:278 Resp: 578296

Ion Ratio Lower Upper

278 100

139 22.5 15.9 23.9

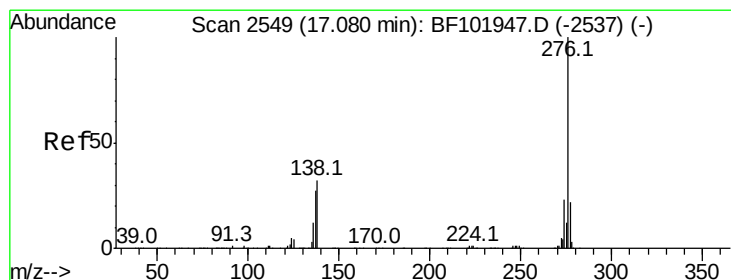
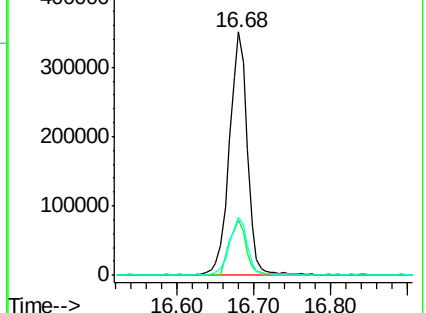
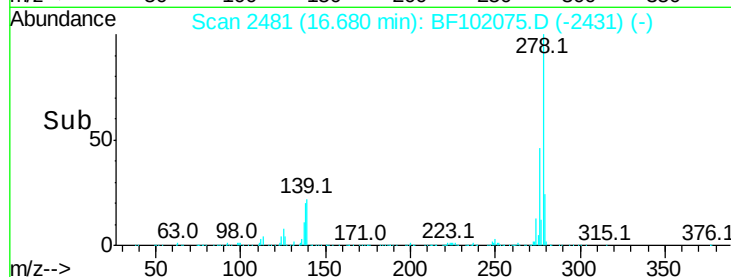
279 23.8 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 32.037 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BF102075.D

Acq: 15 Jan 2018 20:54

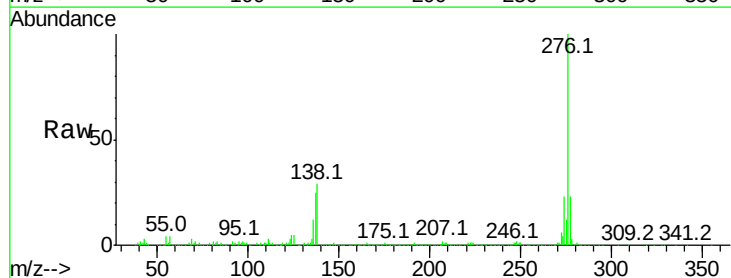
Tgt Ion:276 Resp: 545590

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.7 21.8 32.8



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

