

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102530.D
 Acq On : 28 Jan 2018 00:18
 Operator : SJ/JU
 Sample : J1290-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Quant Time: Jan 28 01:06:50 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156498	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	615404	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242568	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	335177	20.00	ng	0.00
75) Chrysene-d12	13.89	240	265692	20.00	ng	0.00
86) Perylene-d12	15.31	264	222748	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1089199	105.53	ng	0.01
7) Phenol-d6	6.37	99	1288793	103.57	ng	0.01
23) Nitrobenzene-d5	7.29	82	813601	75.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	205380	85.45	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1309731	79.39	ng	0.00
78) Terphenyl-d14	12.82	244	864707	73.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	144752	29.517	ng	96
3) Pyridine	3.12	79	386033	30.122	ng	97
4) n-Nitrosodimethylamine	3.08	42	201603	40.126	ng	90
6) Aniline	6.39	93	451826	27.452	ng	# 1
8) 2-Chlorophenol	6.51	128	407682	37.680	ng	95
9) Benzaldehyde	6.27	77	193398	24.779	ng	93
10) Phenol	6.39	94	529563	38.982	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	412188	39.894	ng	97
12) 1,3-Dichlorobenzene	6.66	146	433648	33.701	ng	99
13) 1,4-Dichlorobenzene	6.73	146	439129	34.068	ng	99
14) 1,2-Dichlorobenzene	6.89	146	405890	34.426	ng	100
15) Benzyl Alcohol	6.87	79	307139	34.983	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	611134	35.267	ng	81
17) 2-Methylphenol	6.99	107	333758	35.519	ng	# 92
18) Hexachloroethane	7.22	117	117619	26.186	ng	94
19) n-Nitroso-di-n-propylamine	7.14	70	270052	35.463	ng	99
20) 3+4-Methylphenols	7.14	107	415652	37.611	ng	# 87
22) Acetophenone	7.13	105	552293	37.647	ng	# 95
24) Nitrobenzene	7.31	77	409865	37.399	ng	94
25) Isophorone	7.55	82	750794	39.327	ng	98
26) 2-Nitrophenol	7.62	139	205173	35.572	ng	93
27) 2,4-Dimethylphenol	7.66	122	365079	43.590	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	489140	41.476	ng	99
29) 2,4-Dichlorophenol	7.87	162	337511	39.562	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	317147	34.679	ng	99
31) Naphthalene	8.02	128	1109178	36.099	ng	100
32) Benzoic acid	7.77	122	64603	9.207	ng	98
33) 4-Chloroaniline	8.08	127	366057	28.331	ng	99
34) Hexachlorobutadiene	8.13	225	165034	33.788	ng	98
35) Caprolactam	8.45	113	105388	37.404	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	341455	37.971	ng	95
37) 2-Methylnaphthalene	8.72	142	734486	35.894	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	283185	38.804	ng	99
40) Hexachlorocyclopentadiene	8.86	237	9128	2.795	ng	91

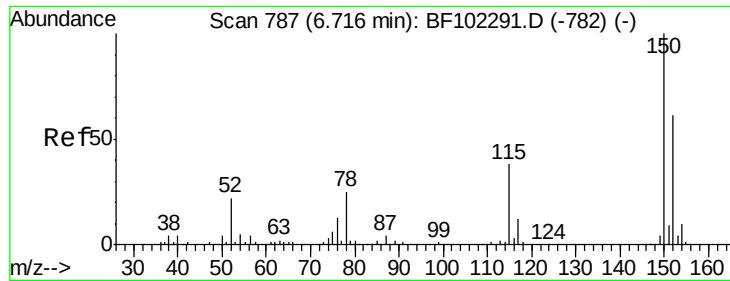
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102530.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	198053	40.540	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	205346	37.331	ng	97
45) 1,1'-Biphenyl	9.18	154	832021	38.361	ng	98
46) 2-Chloronaphthalene	9.20	162	628477	37.278	ng	98
47) 2-Nitroaniline	9.31	65	215613	41.022	ng	93
48) Acenaphthylene	9.62	152	927004	35.294	ng	99
49) Dimethylphthalate	9.48	163	945170	47.141	ng	100
50) 2,6-Dinitrotoluene	9.55	165	155260	35.917	ng	90
51) Acenaphthene	9.79	154	537271	35.025	ng	99
52) 3-Nitroaniline	9.72	138	164422	32.153	ng	97
53) 2,4-Dinitrophenol	9.84	184	16399	11.760	ng	# 18
54) Dibenzofuran	9.96	168	777877	37.469	ng	99
55) 4-Nitrophenol	9.90	139	211837	62.756	ng	94
56) 2,4-Dinitrotoluene	9.96	165	171535	32.269	ng	# 90
57) Fluorene	10.30	166	595314	36.188	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	139221	35.448	ng	96
59) Diethylphthalate	10.17	149	712785	36.584	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	270222	37.887	ng	99
61) 4-Nitroaniline	10.33	138	166090	32.549	ng	89
62) Azobenzene	10.45	77	613655	34.401	ng	99
64) 4,6-Dinitro-2-methylphenol	10.37	198	15537	6.948	ng	95
65) n-Nitrosodiphenylamine	10.42	169	542142	44.068	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	153789	42.622	ng	98
67) Hexachlorobenzene	10.85	284	142641	35.348	ng	96
68) Atrazine	10.95	200	141077	38.827	ng	99
69) Pentachlorophenol	11.05	266	122641	57.854	ng	99
70) Phenanthrene	11.26	178	759410	38.881	ng	98
71) Anthracene	11.32	178	771405	38.695	ng	99
72) Carbazole	11.47	167	717798	36.907	ng	100
73) Di-n-butylphthalate	11.80	149	958796	39.440	ng	99
74) Fluoranthene	12.45	202	752898	37.801	ng	99
76) Benzidine	12.58	184	565758	63.386	ng	98
77) Pyrene	12.68	202	762670	37.127	ng	100
79) Butylbenzylphthalate	13.29	149	359974	35.212	ng	98
80) Benzo(a)anthracene	13.87	228	695136	42.496	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	247635	41.268	ng	98
82) Chrysene	13.91	228	645074	38.834	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	502411	36.569	ng	# 99
84) Di-n-octyl phthalate	14.46	149	881309	39.446	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	448494	32.692	ng	97
87) Benzo(b)fluoranthene	14.90	252	590204	40.880	ng	98
88) Benzo(k)fluoranthene	14.93	252	538878	39.507	ng	98
89) Benzo(a)pyrene	15.25	252	514450	39.509	ng	# 97
90) Dibenzo(a,h)anthracene	16.73	278	369238	35.007	ng	99
91) Benzo(g,h,i)perylene	17.14	276	363982	34.949	ng	98

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

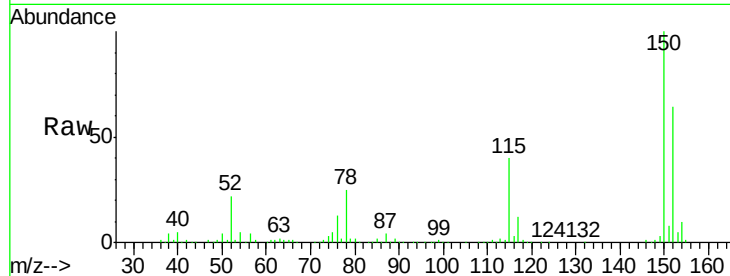


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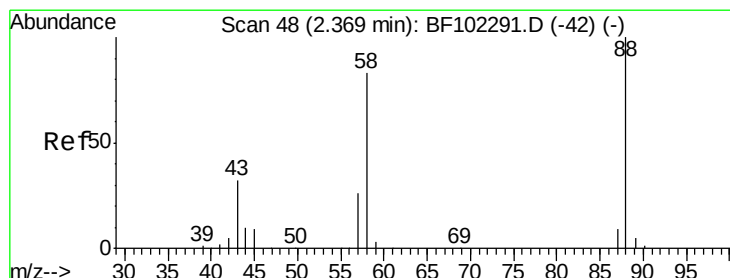
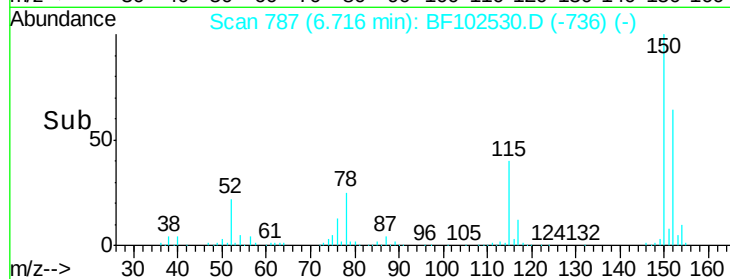
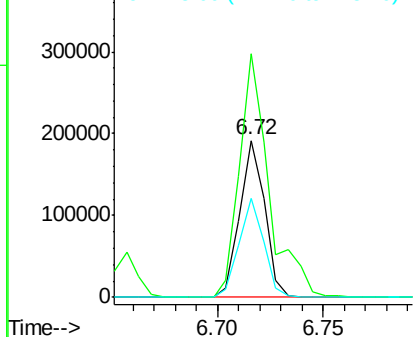
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion:152 Resp: 156498
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 62.9 50.1 75.1



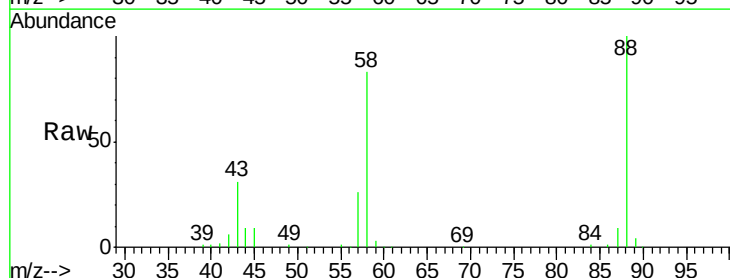
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



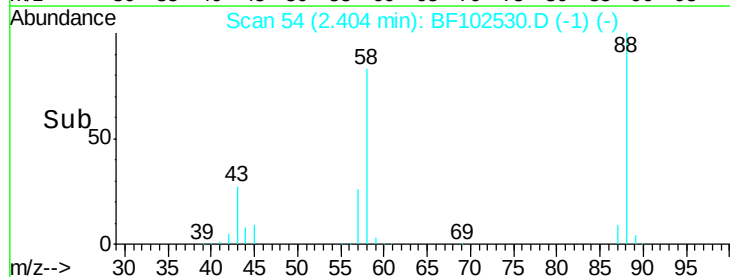
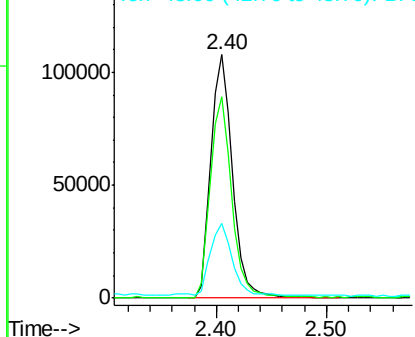
#2

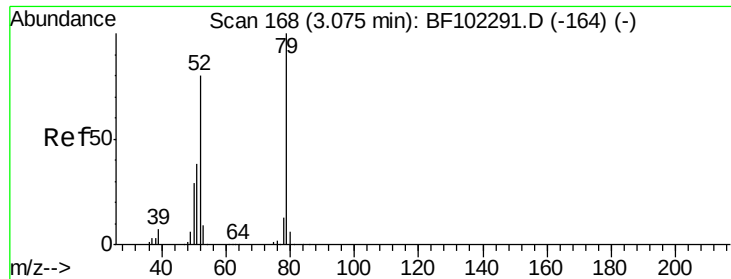
1,4-Dioxane
 Concen: 29.517 ng
 RT: 2.40 min Scan# 54
 Delta R.T. 0.04 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion: 88 Resp: 144752
 Ion Ratio Lower Upper
 88 100
 58 82.7 62.6 93.8
 43 29.7 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

Pyridine

Concen: 30.122 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

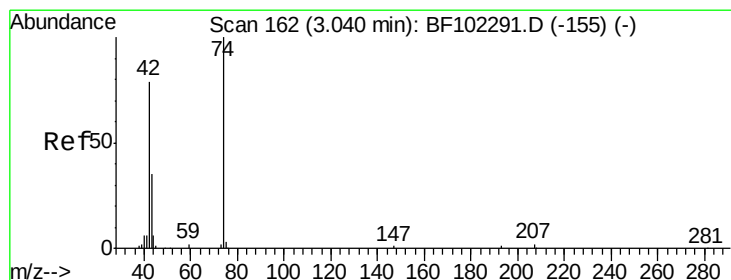
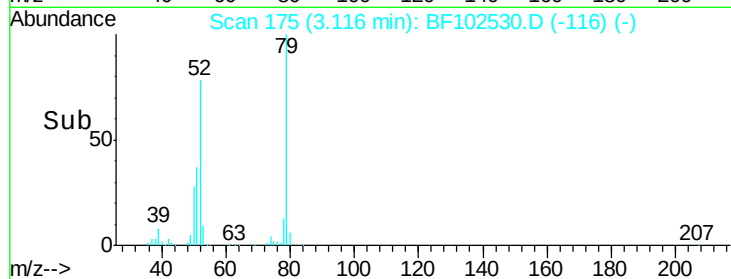
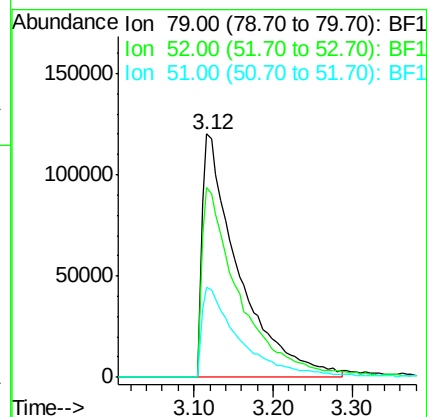
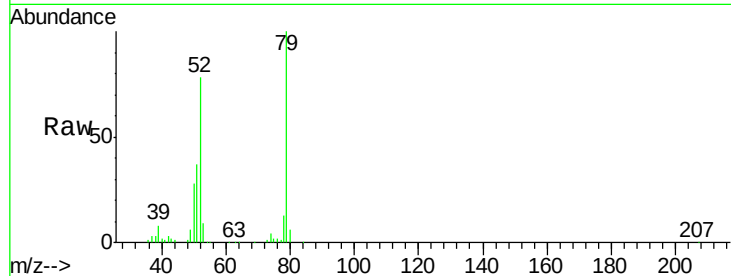
Tgt Ion: 79 Resp: 386033

Ion Ratio Lower Upper

79 100

52 78.0 59.8 89.6

51 37.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.126 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.04 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

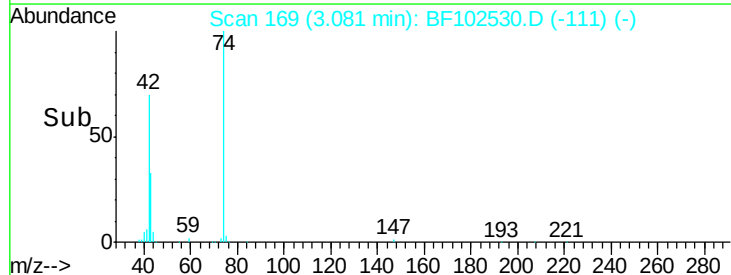
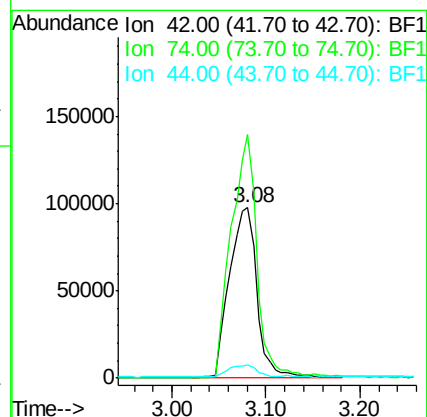
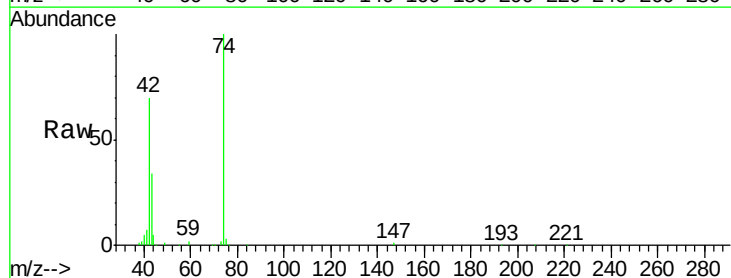
Tgt Ion: 42 Resp: 201603

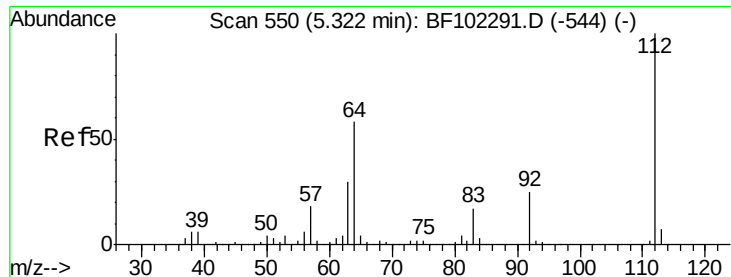
Ion Ratio Lower Upper

42 100

74 143.2 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 105.529 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

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ClientSampleId :

SB-51-10.5-11.0MSD

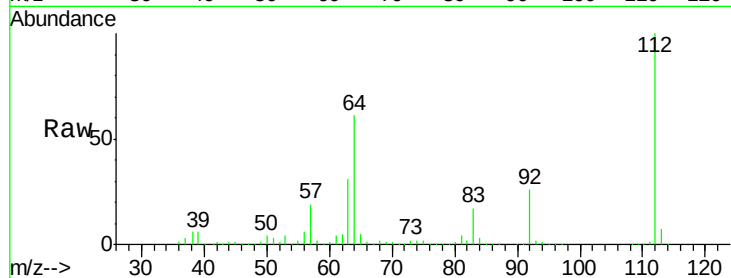
Tgt Ion: 112 Resp: 1089199

Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

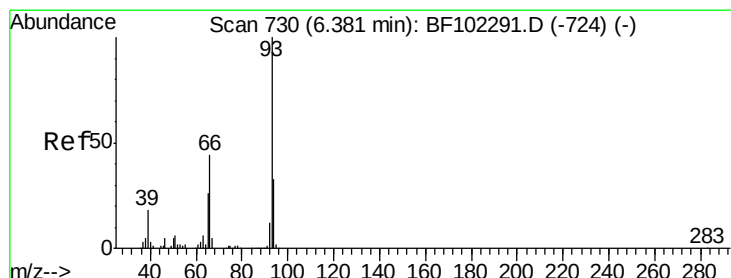
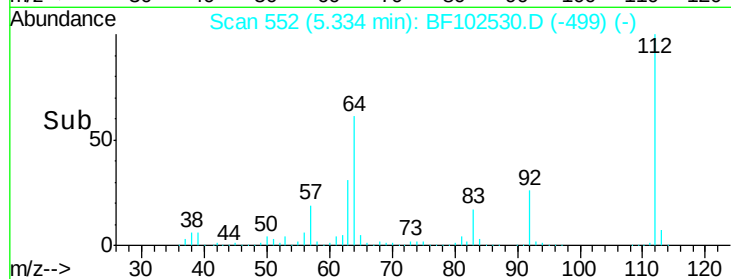
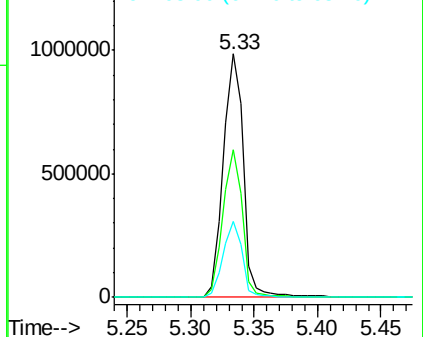
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.452 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

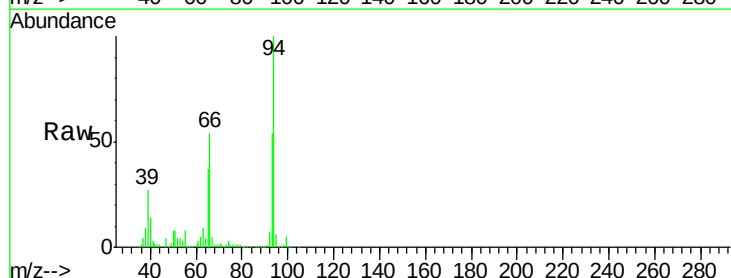
Tgt Ion: 93 Resp: 451826

Ion Ratio Lower Upper

93 100

66 100.1 32.2 48.2#

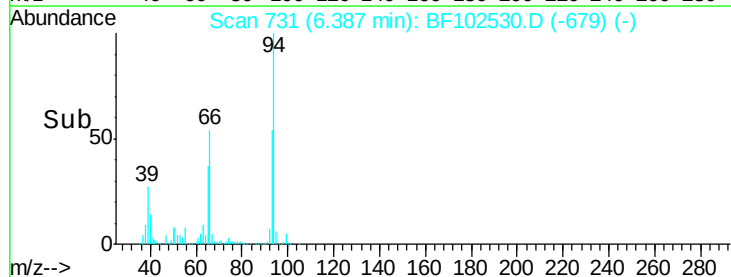
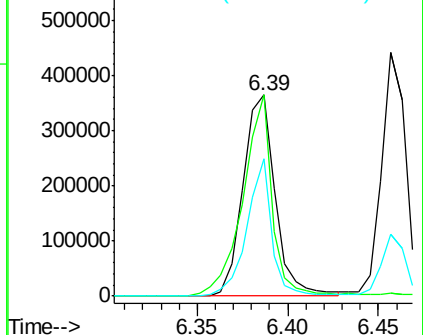
65 67.9 16.4 24.6#

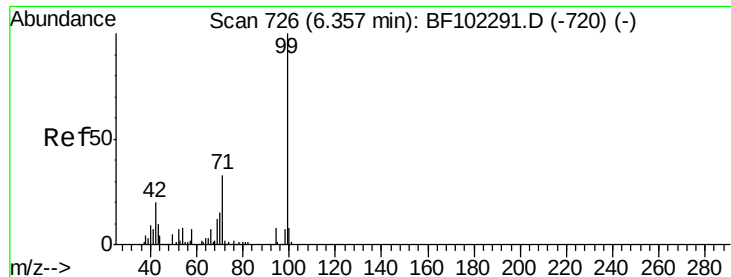


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.573 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102530.D

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SB-51-10.5-11.0MSD

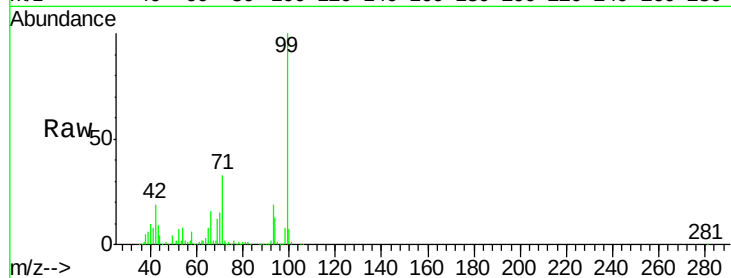
Tgt Ion: 99 Resp: 1288793

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

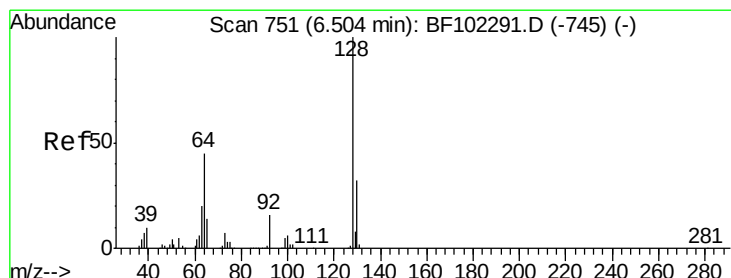
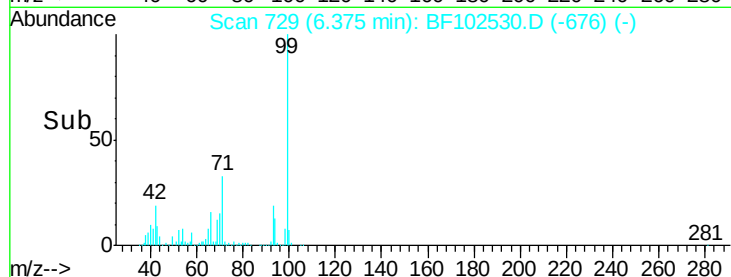
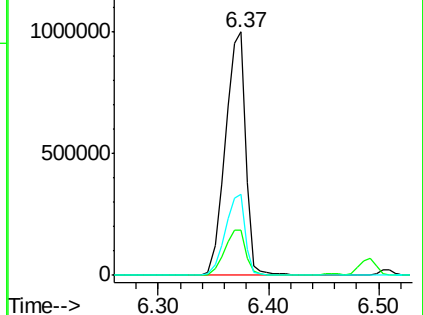
71 33.1 25.4 38.0



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: 37.680 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

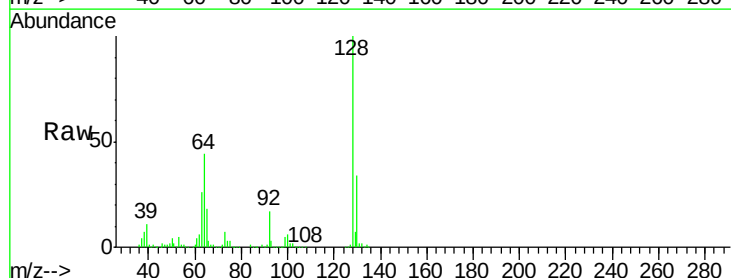
Tgt Ion: 128 Resp: 407682

Ion Ratio Lower Upper

128 100

130 33.9 13.0 53.0

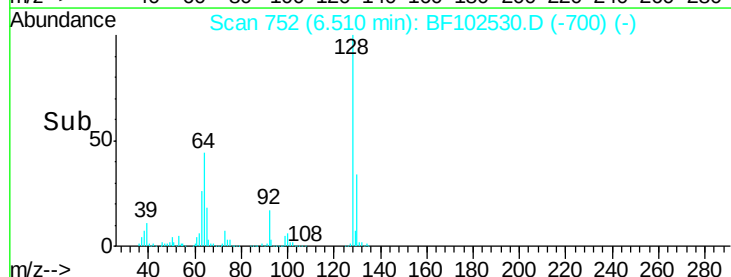
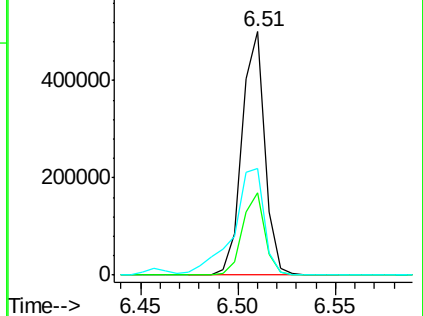
64 44.0 29.4 69.4

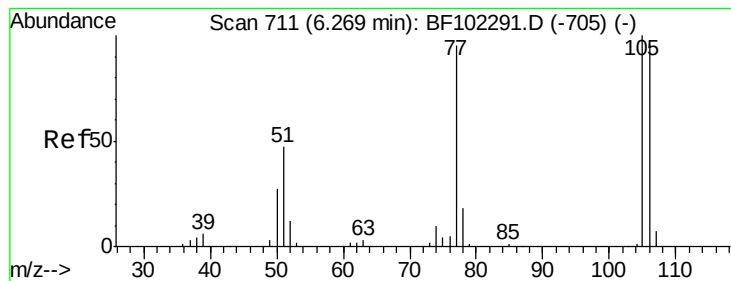


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.779 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102530.D

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ClientSampleId :

SB-51-10.5-11.0MSD

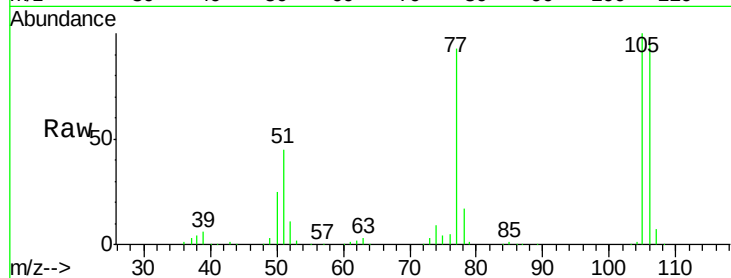
Tgt Ion: 77 Resp: 193398

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

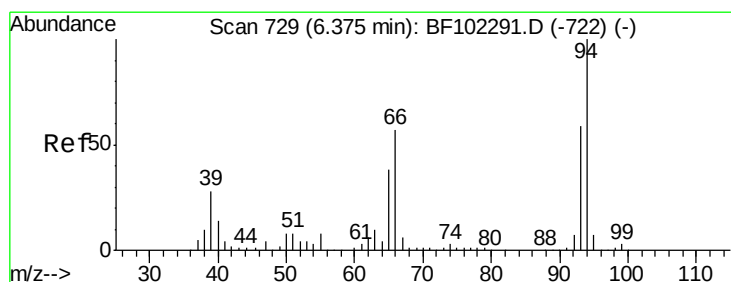
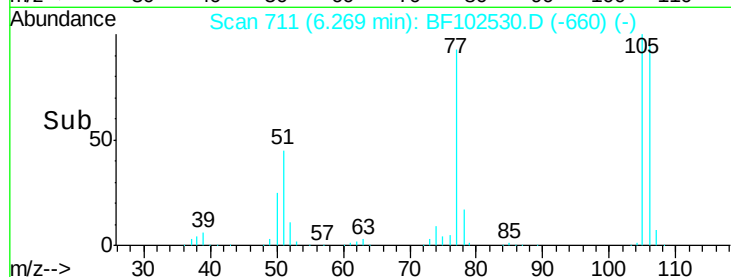
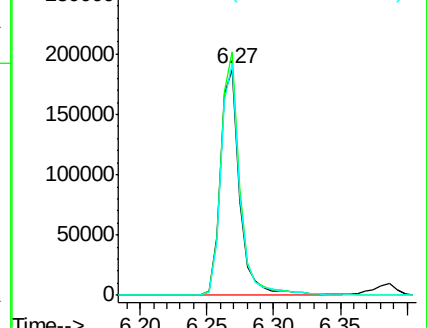
106 102.6 74.5 114.5



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: 38.982 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

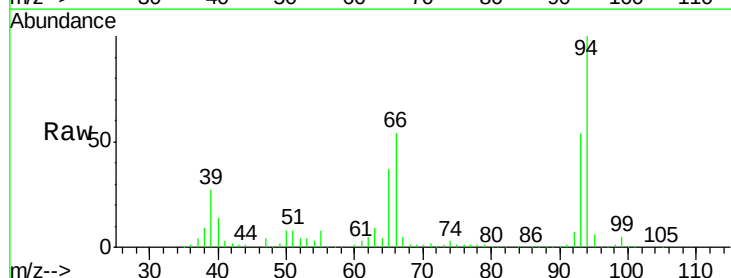
Tgt Ion: 94 Resp: 529563

Ion Ratio Lower Upper

94 100

65 36.7 7.9 47.9

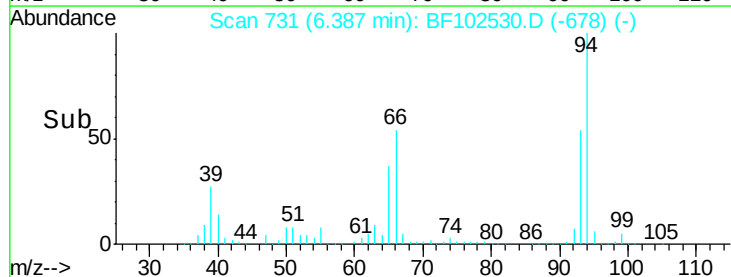
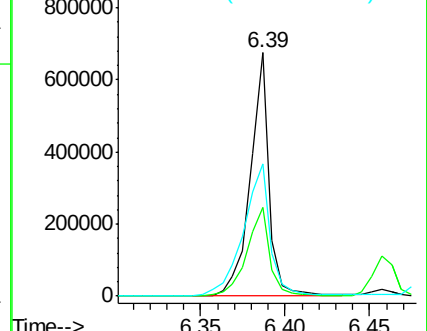
66 54.1 16.2 56.2

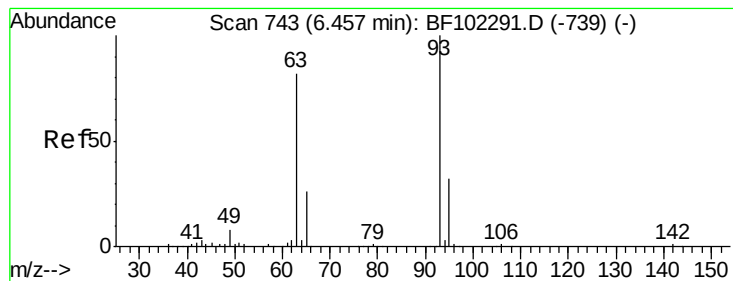


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.894 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

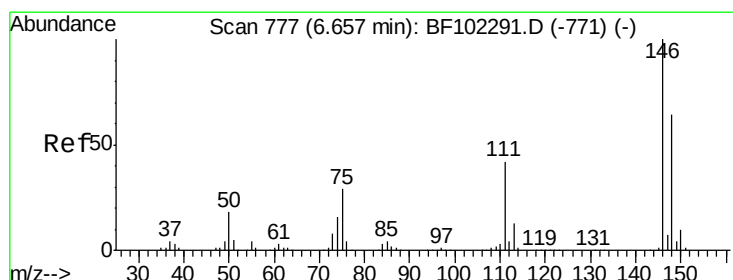
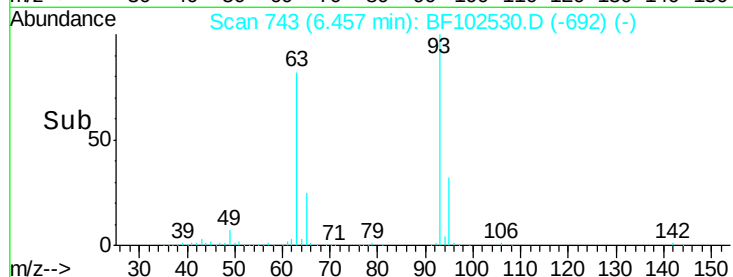
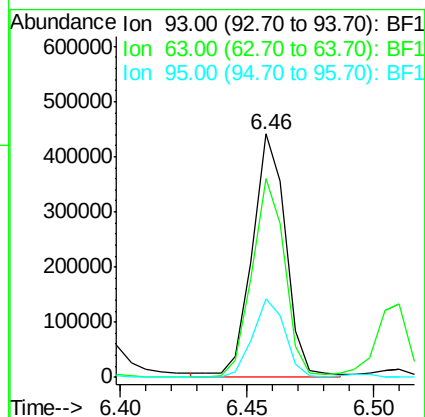
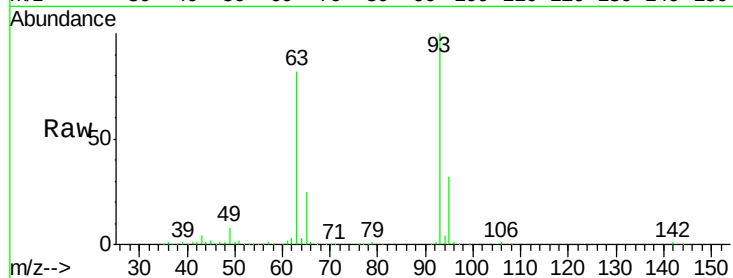
Tgt Ion: 93 Resp: 412188

Ion Ratio Lower Upper

93 100

63 81.8 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.701 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

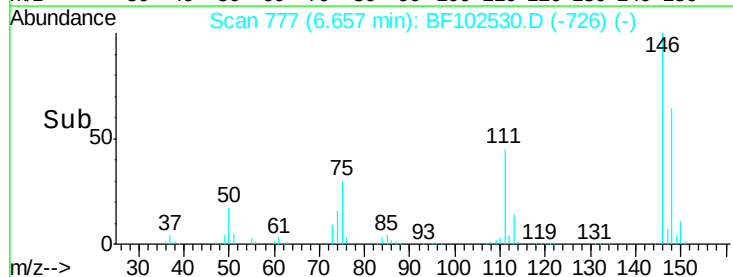
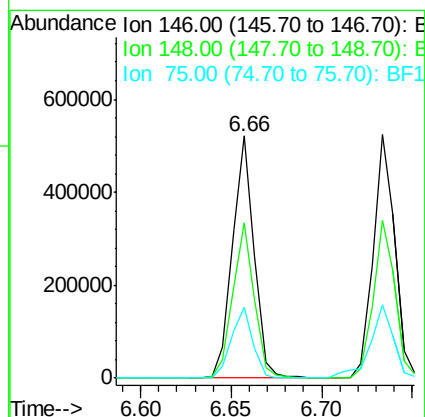
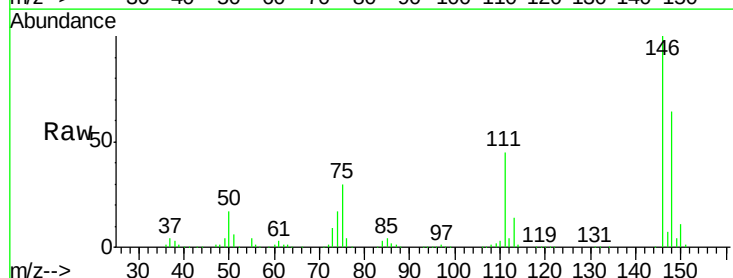
Tgt Ion: 146 Resp: 433648

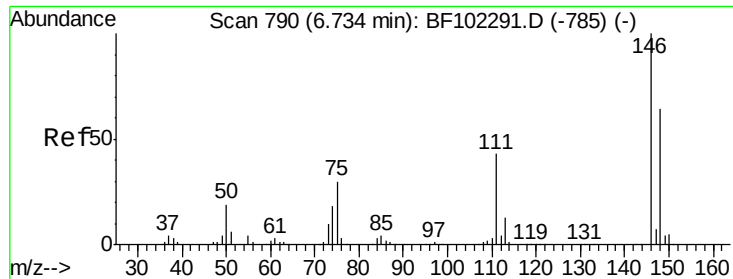
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 29.5 24.2 36.4

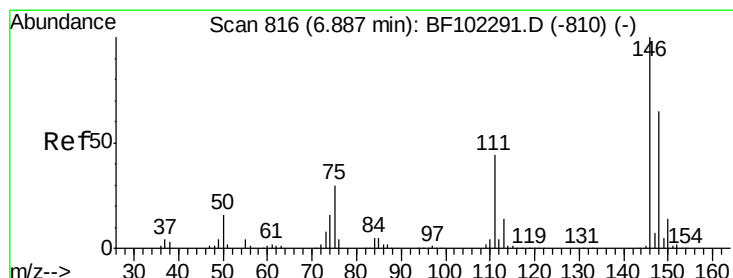
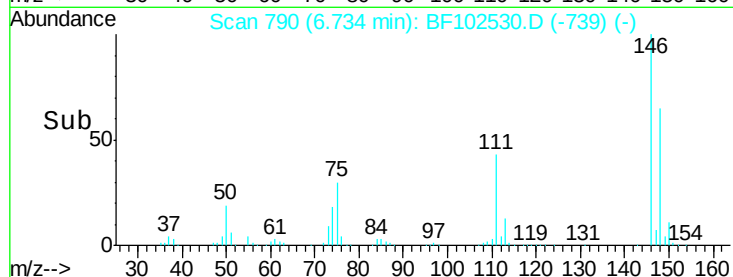
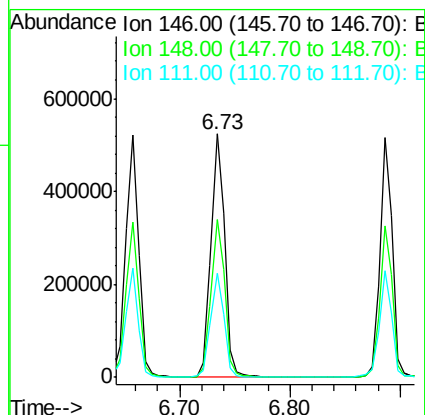
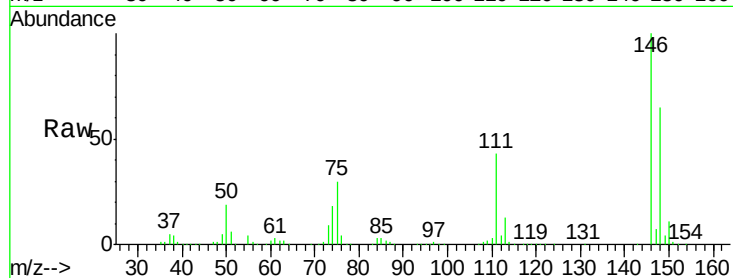




#13
 1,4-Dichlorobenzene
 Concen: 34.068 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

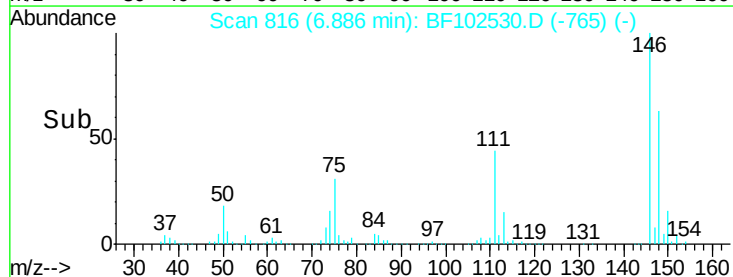
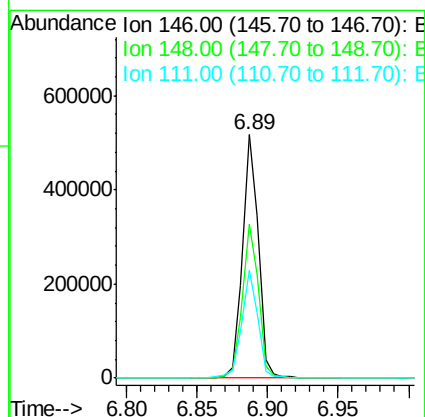
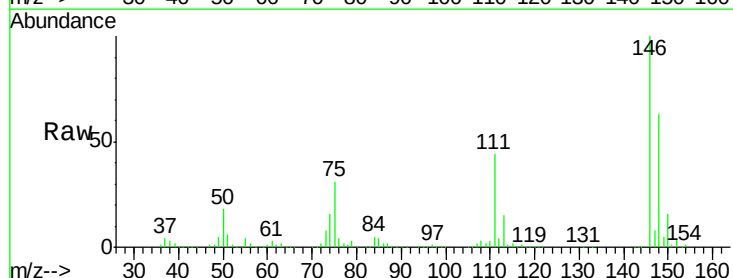
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

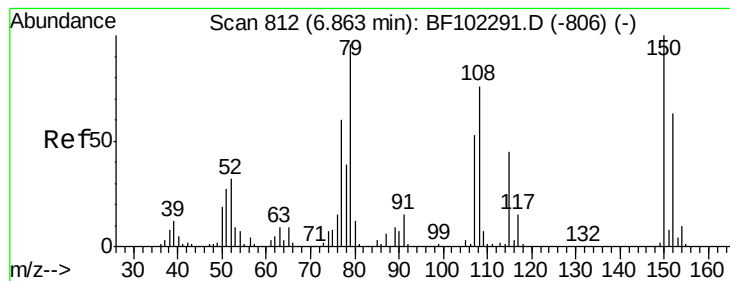
Tgt Ion:146 Resp: 439129
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.426 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:146 Resp: 405890
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.983 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

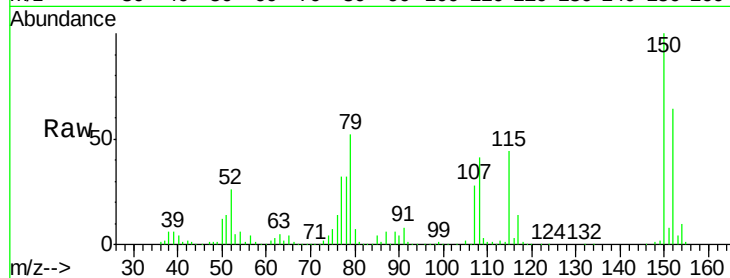
Tgt Ion: 79 Resp: 307139

Ion Ratio Lower Upper

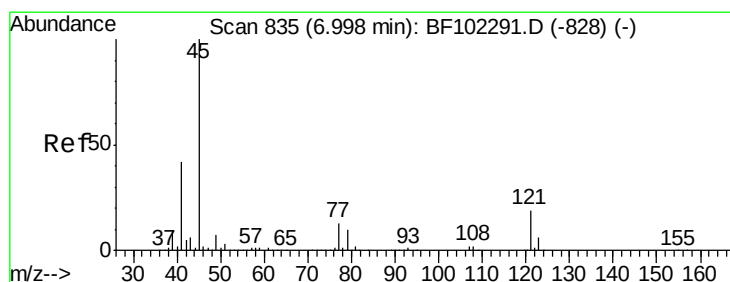
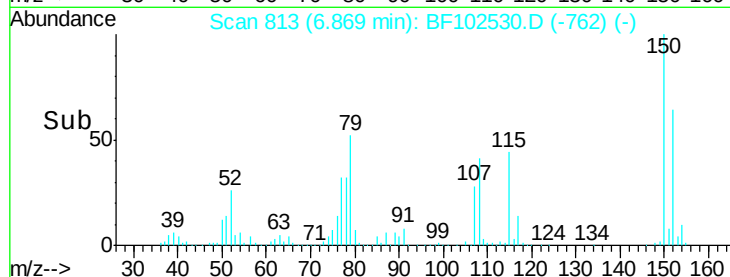
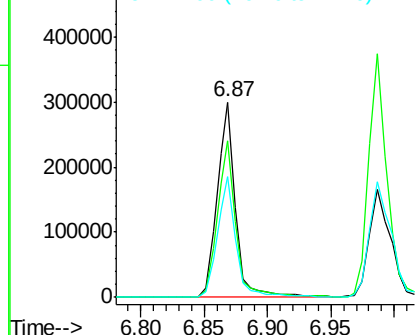
79 100

108 80.3 65.1 97.7

77 62.2 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.267 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

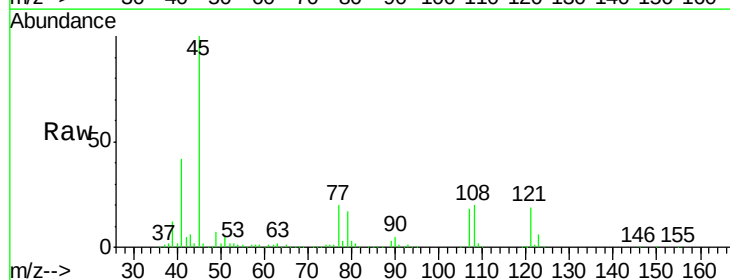
Tgt Ion: 45 Resp: 611134

Ion Ratio Lower Upper

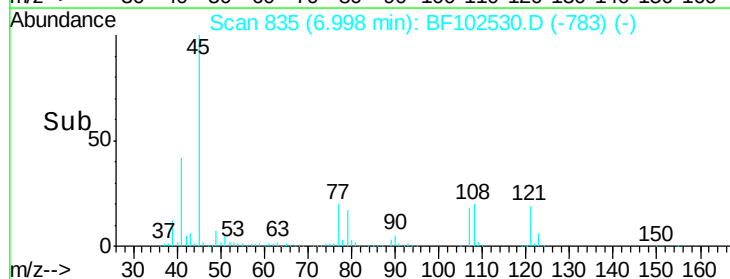
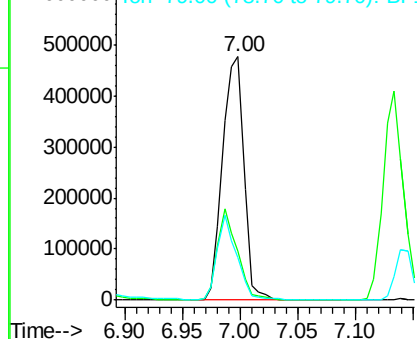
45 100

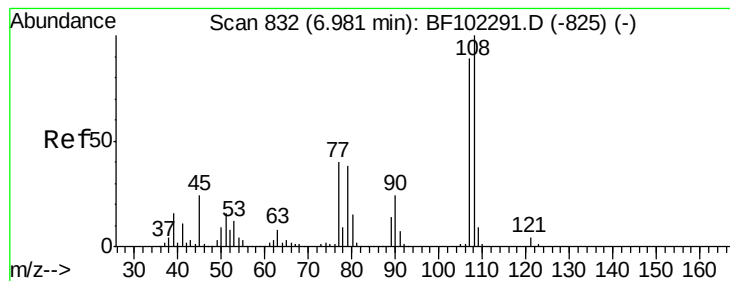
77 20.1 0.0 32.9

79 17.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.519 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

Tgt Ion:107 Resp: 333758

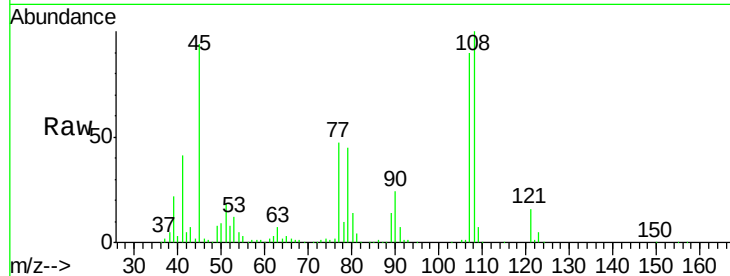
Ion Ratio Lower Upper

107 100

108 111.3 91.7 137.5

77 52.8 33.8 50.8#

79 49.6 33.8 50.8

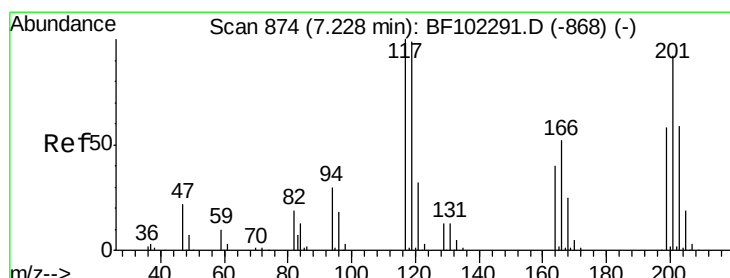
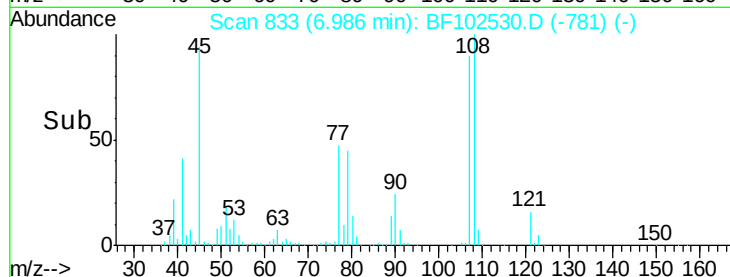
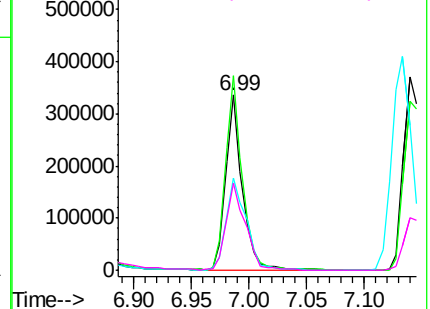


Abundance Ion 107.00 (106.70 to 107.70): E

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: 26.186 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

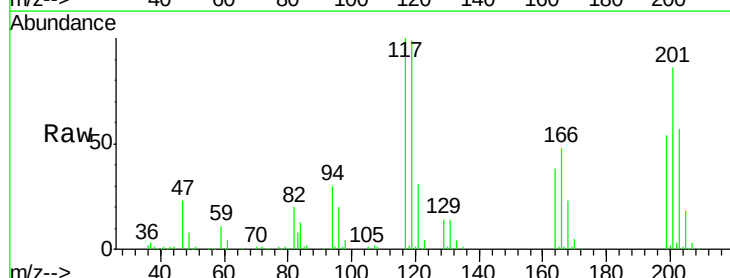
Tgt Ion:117 Resp: 117619

Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.8

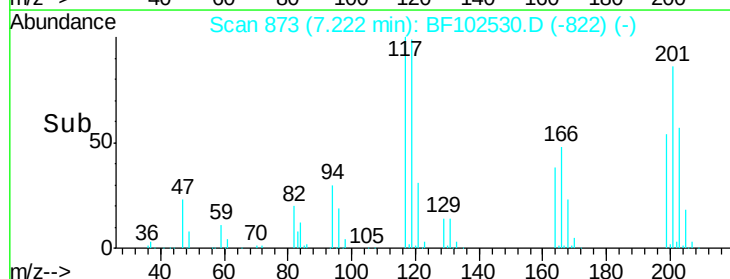
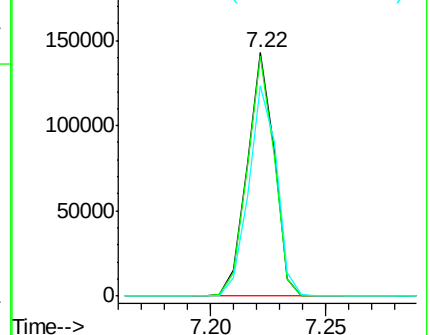
201 86.3 75.7 113.5

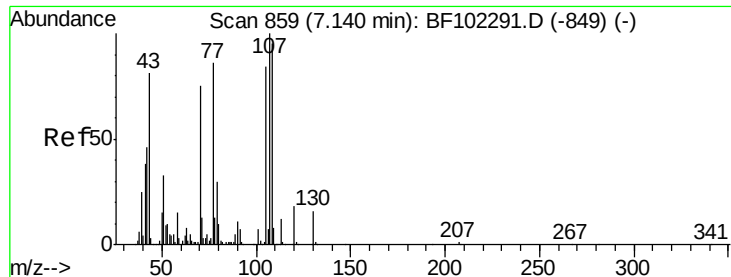


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

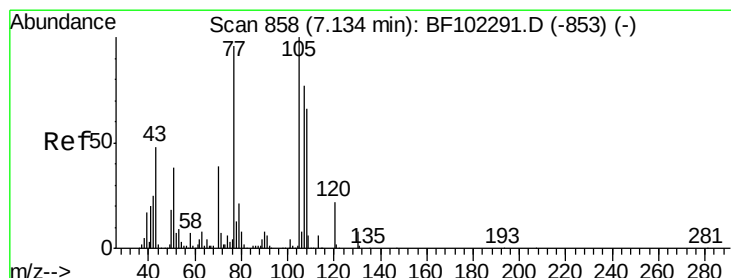
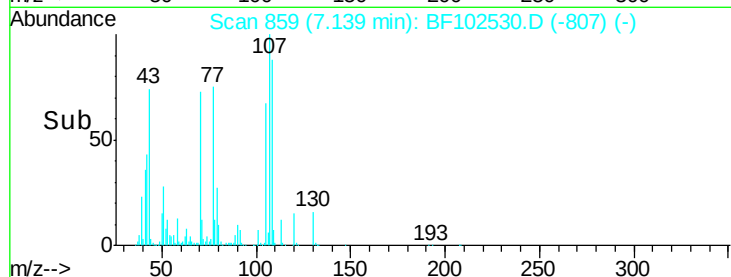
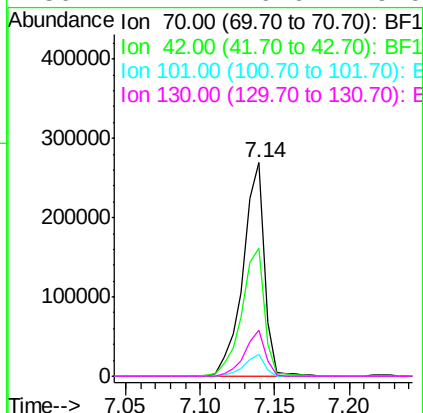
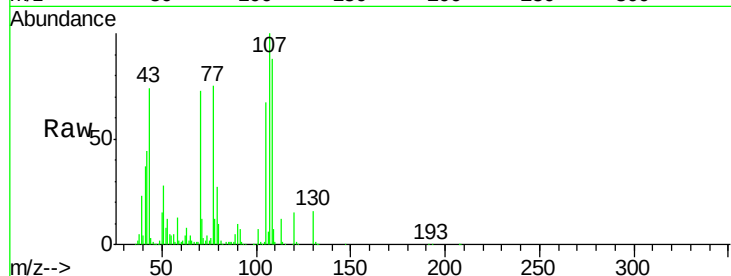




#19
n-Nitroso-di-n-propylamine
Concen: 35.463 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

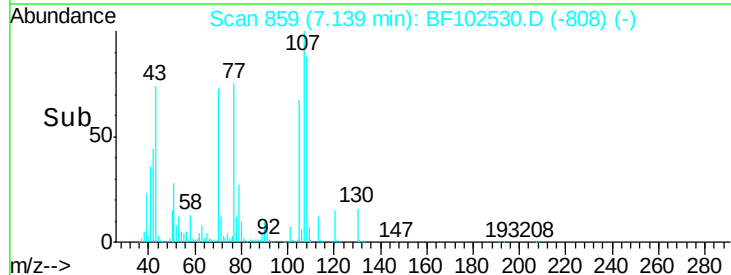
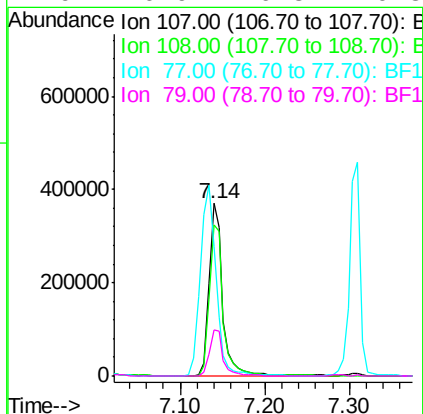
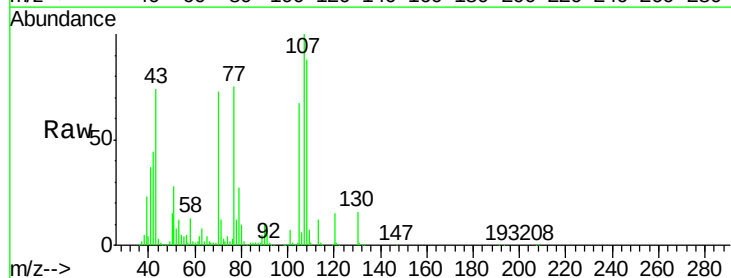
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

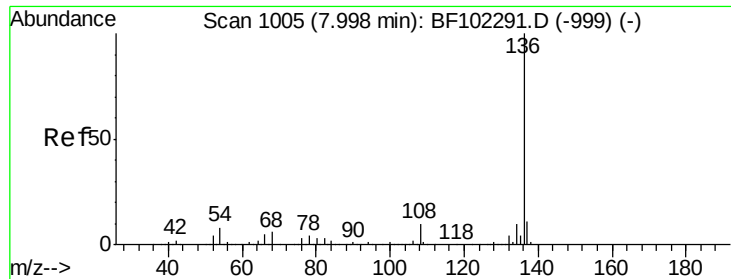
Tgt Ion:	70	Resp:	270052
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.5	71.3
101	9.9	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.611 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:	107	Resp:	415652
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	75.0	26.7	66.7#
79	26.9	6.3	46.3

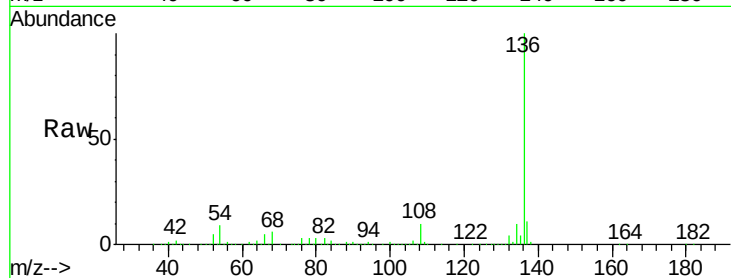




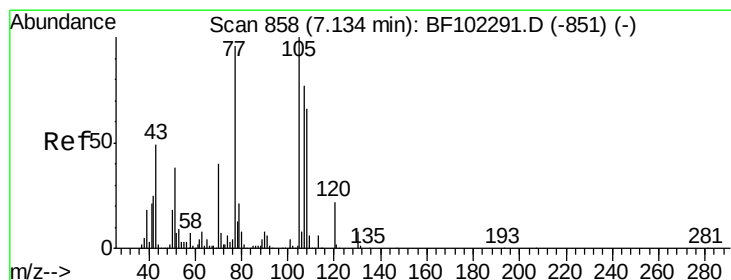
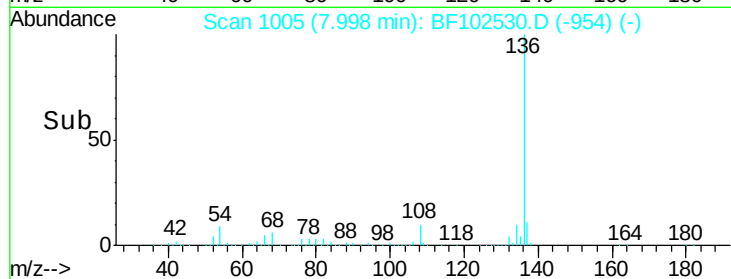
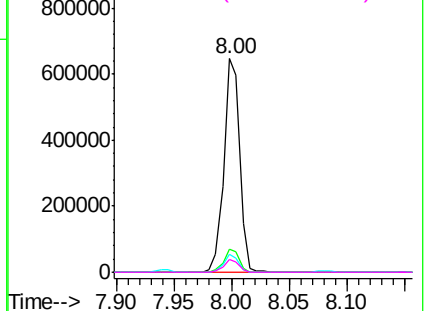
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

Tgt Ion:	136	Resp:	615404
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.1	5.0	7.4

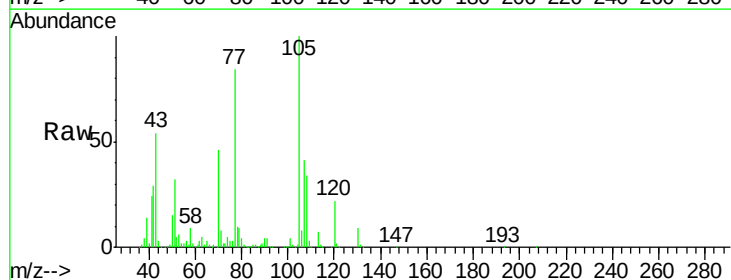


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

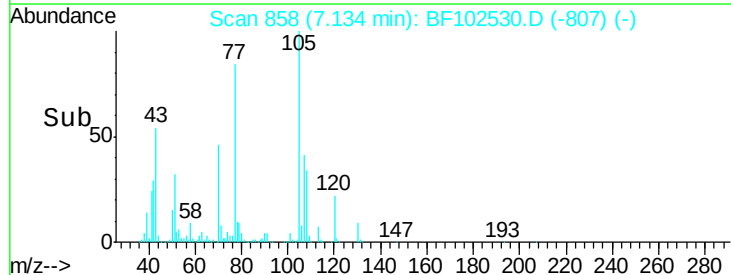
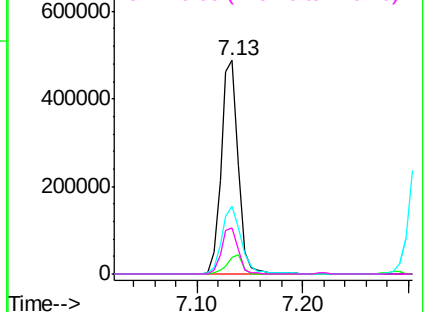


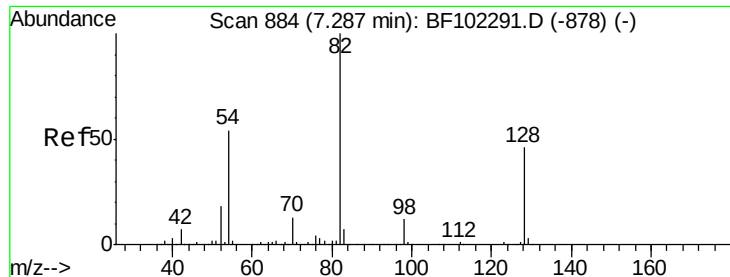
#22
Acetophenone
Concen: 37.647 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:	105	Resp:	552293
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	31.9	22.3	33.5
120	21.6	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

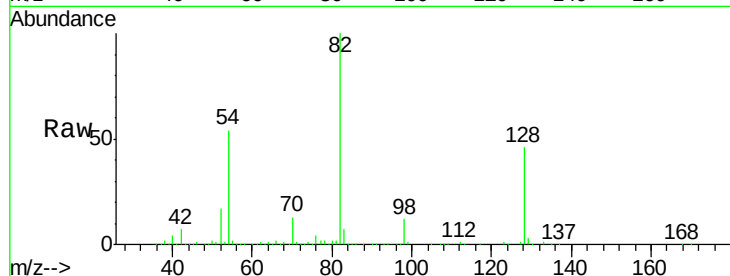




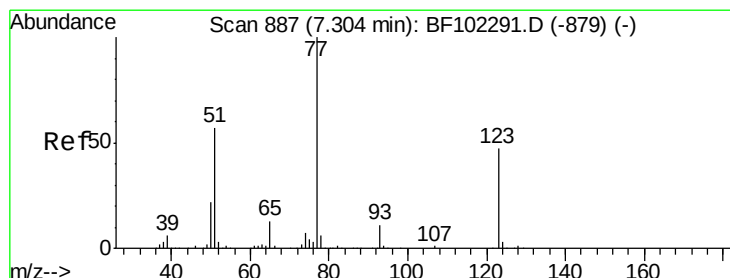
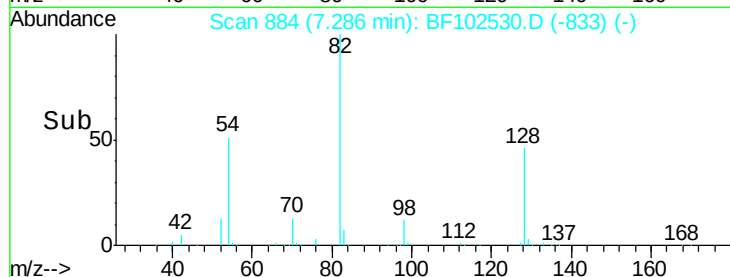
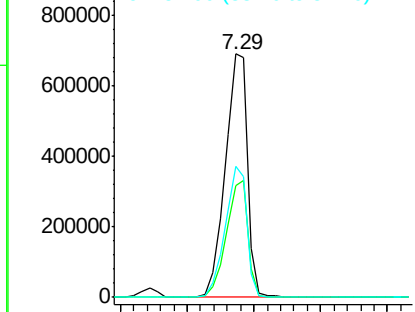
#23
 Nitrobenzene-d5
 Concen: 75.975 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion: 82 Resp: 813601
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 53.8 41.4 62.2

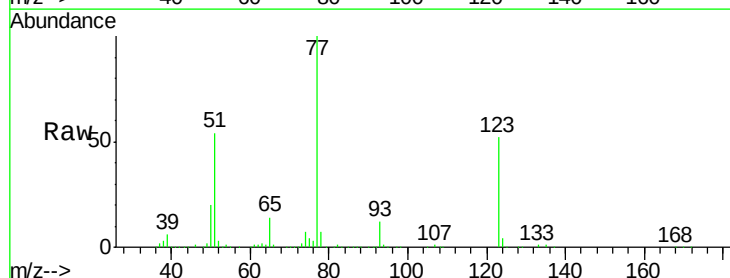


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

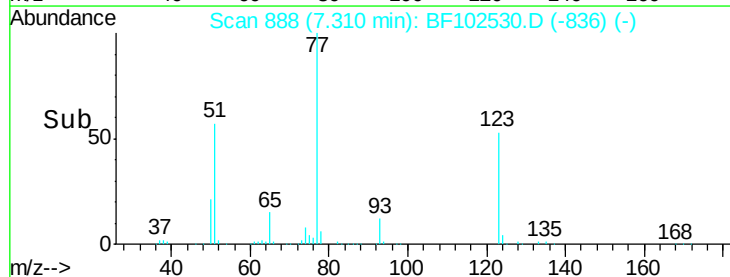
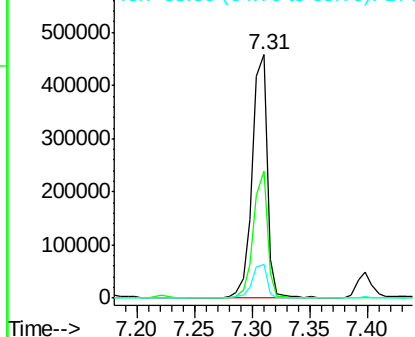


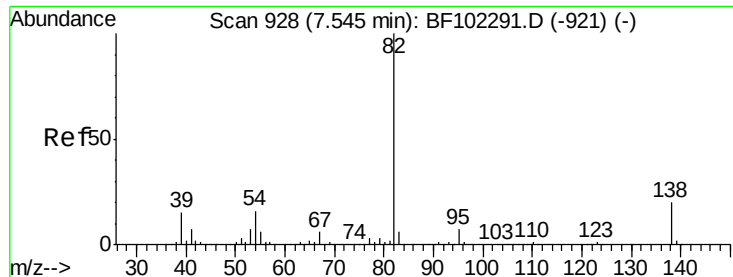
#24
 Nitrobenzene
 Concen: 37.399 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion: 77 Resp: 409865
 Ion Ratio Lower Upper
 77 100
 123 52.3 37.9 56.9
 65 13.8 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.327 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

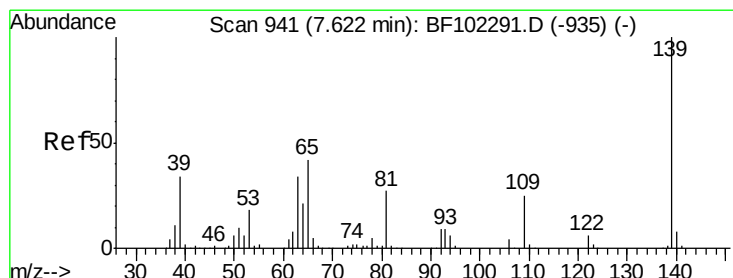
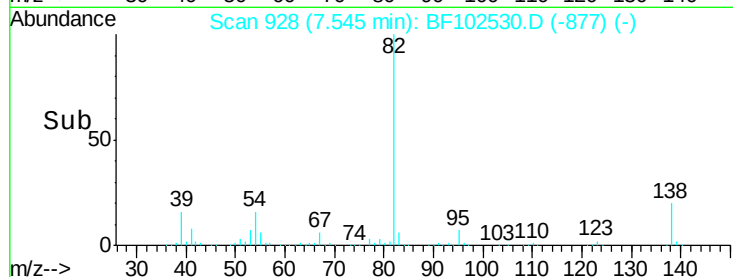
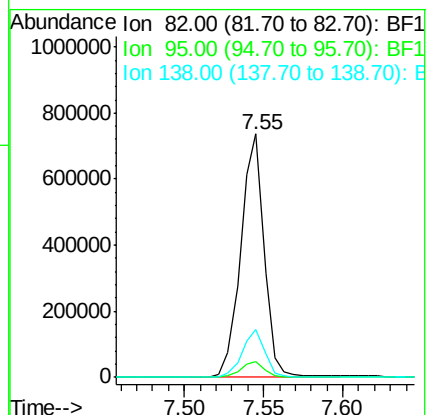
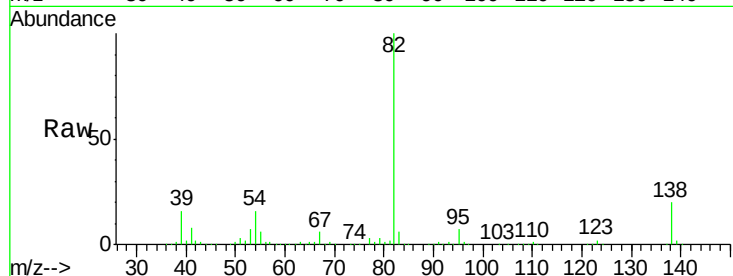
Tgt Ion: 82 Resp: 750794

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 35.572 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

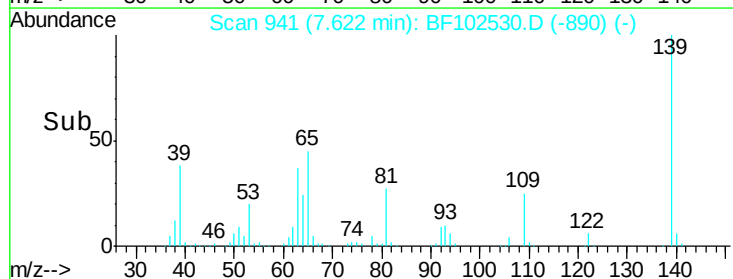
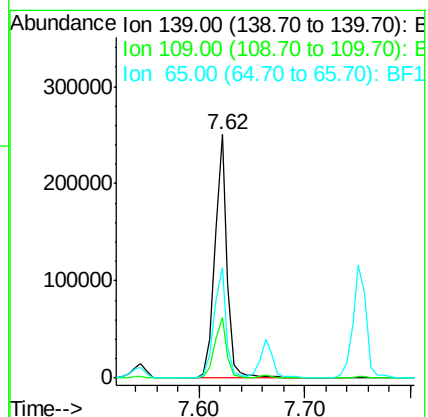
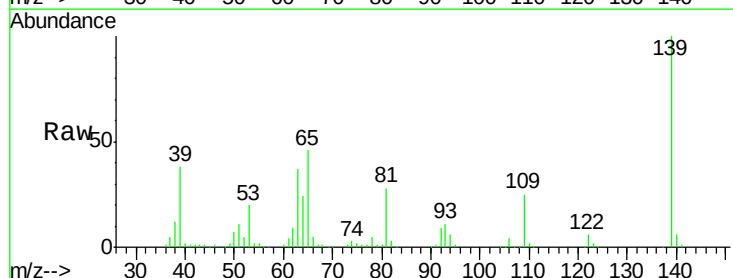
Tgt Ion: 139 Resp: 205173

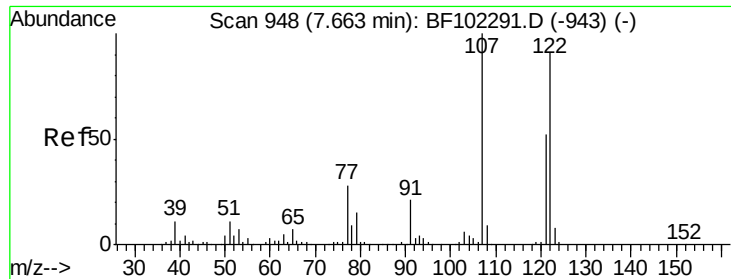
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 45.6 40.5 60.7

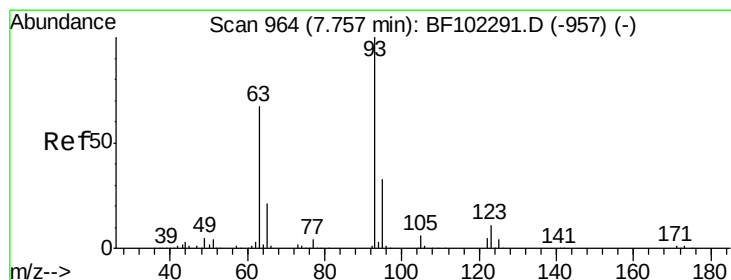
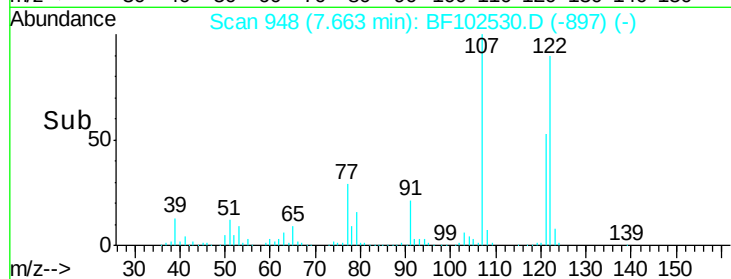
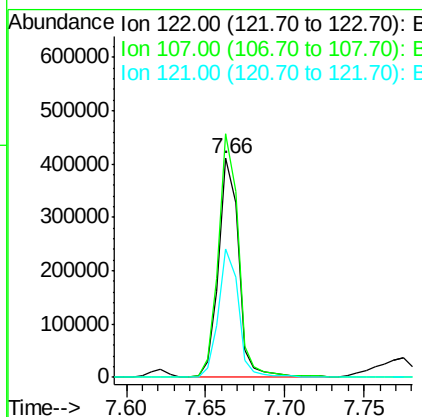
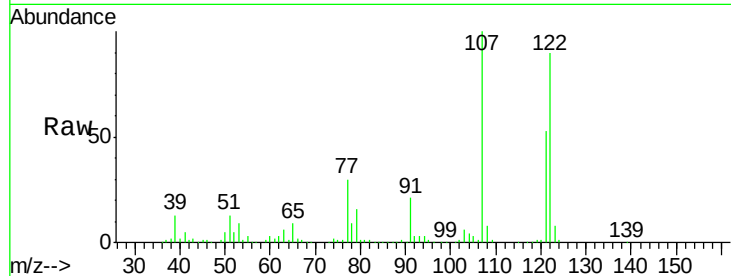




#27
 2,4-Dimethylphenol
 Concen: 43.590 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

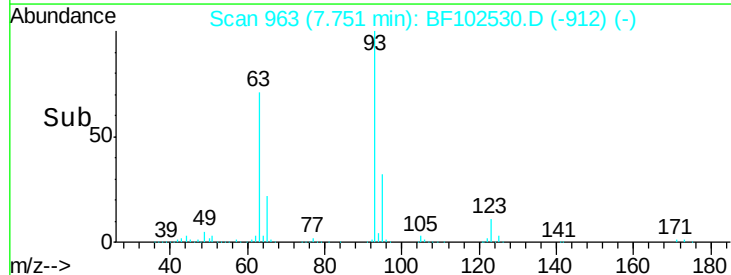
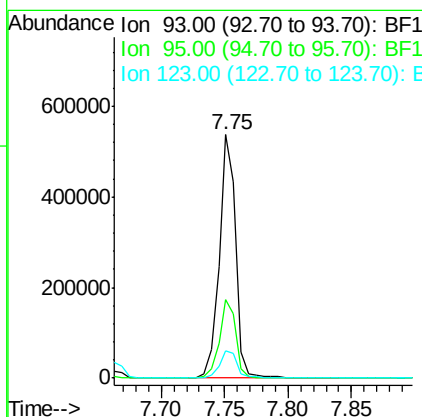
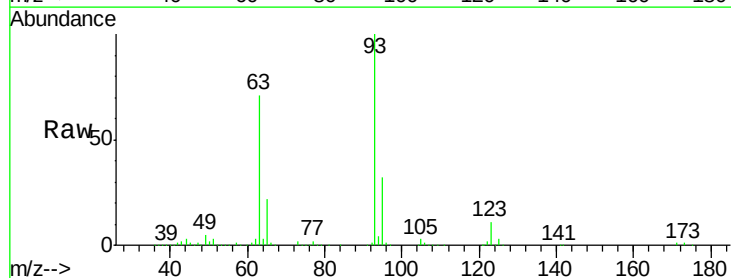
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

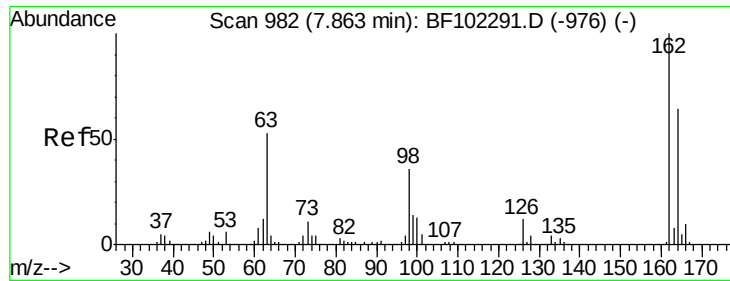
Tgt Ion:122 Resp: 365079
 Ion Ratio Lower Upper
 122 100
 107 111.3 91.2 136.8
 121 58.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.476 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion: 93 Resp: 489140
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.3 9.8 14.6

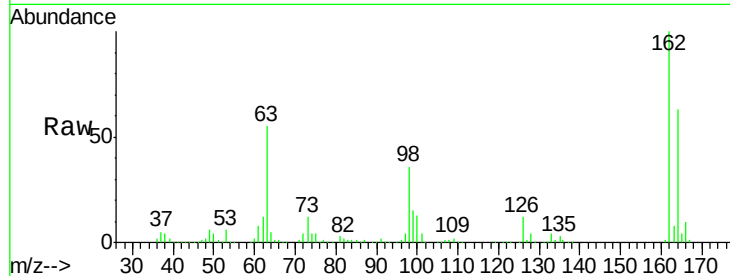




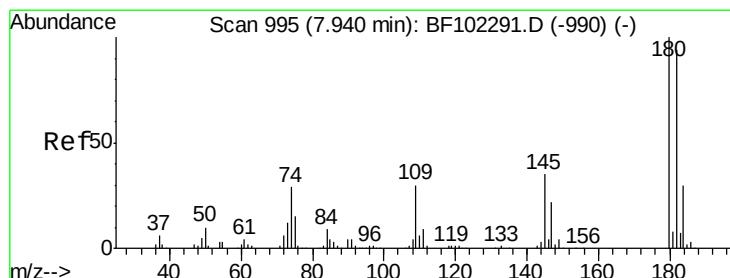
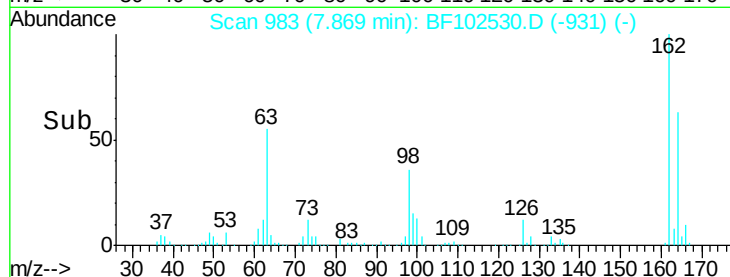
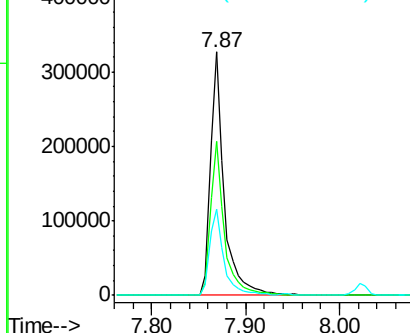
#29
2,4-Dichlorophenol
Concen: 39.562 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

Tgt Ion:162 Resp: 337511
Ion Ratio Lower Upper
162 100
164 63.2 42.7 82.7
98 35.6 18.1 58.1

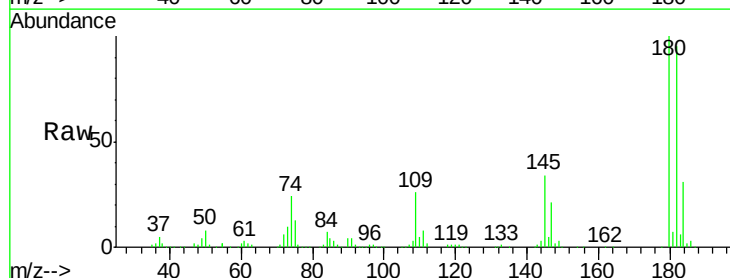


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

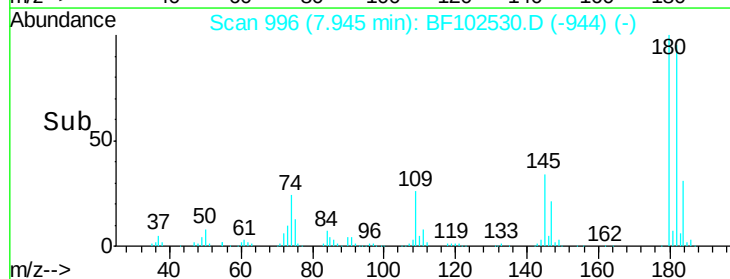
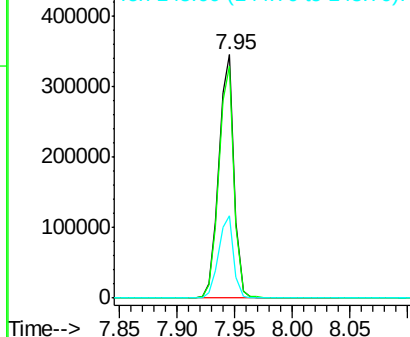


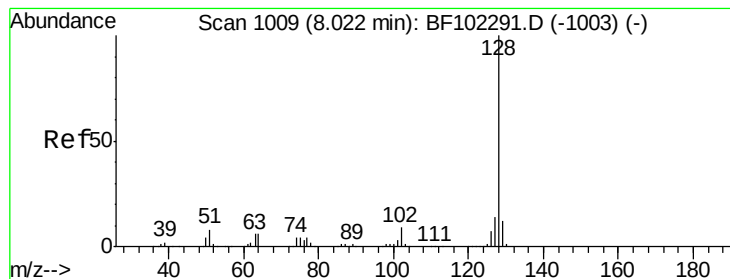
#30
1,2,4-Trichlorobenzene
Concen: 34.679 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:180 Resp: 317147
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 33.9 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: 36.099 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

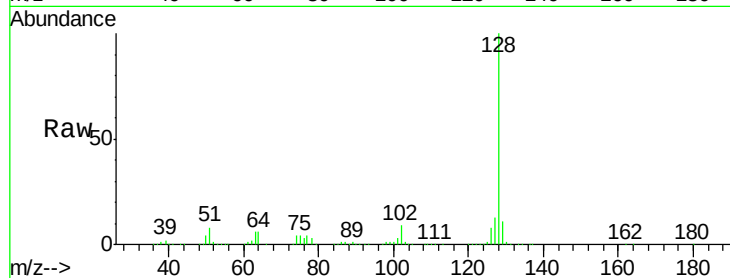
Tgt Ion:128 Resp: 1109178

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

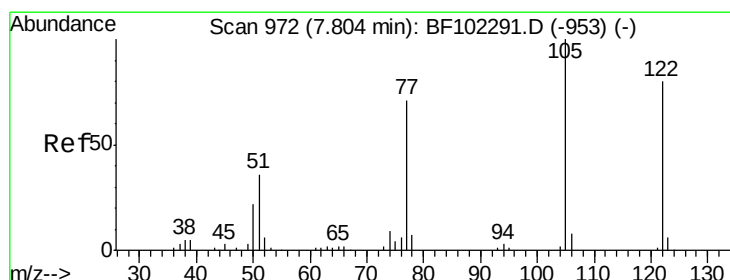
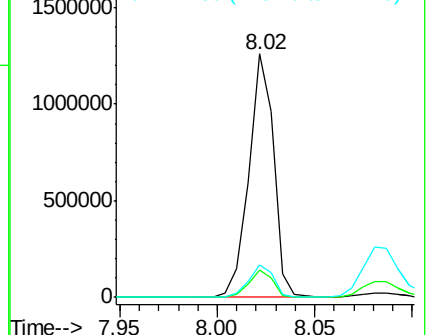
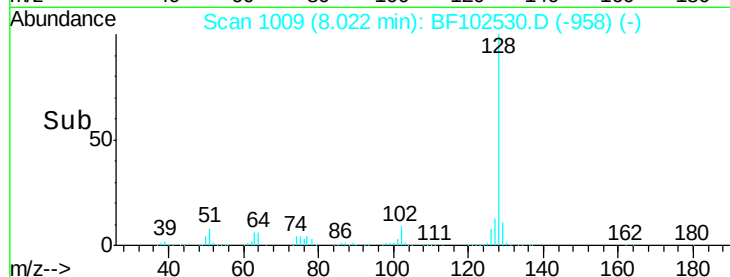
127 13.5 10.9 16.3



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: 9.207 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

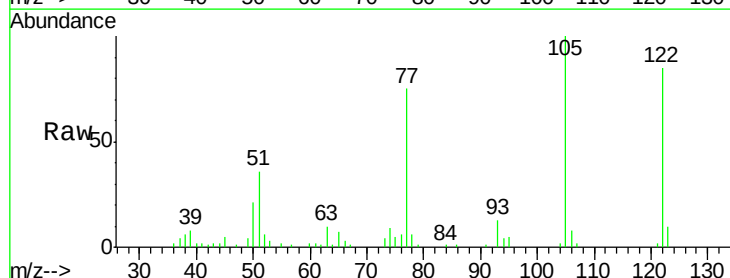
Tgt Ion:122 Resp: 64603

Ion Ratio Lower Upper

122 100

105 118.1 101.1 141.1

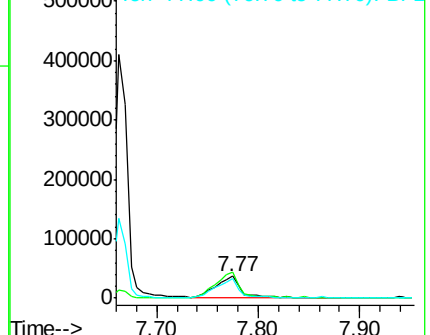
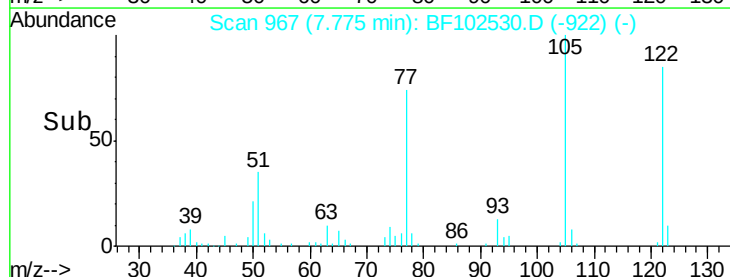
77 89.1 70.7 110.7

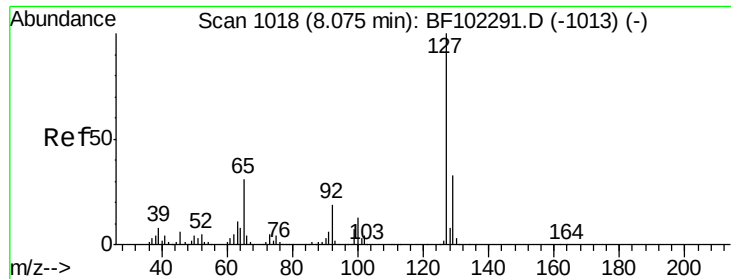


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

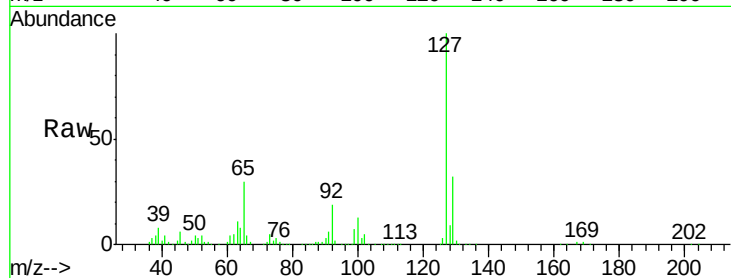




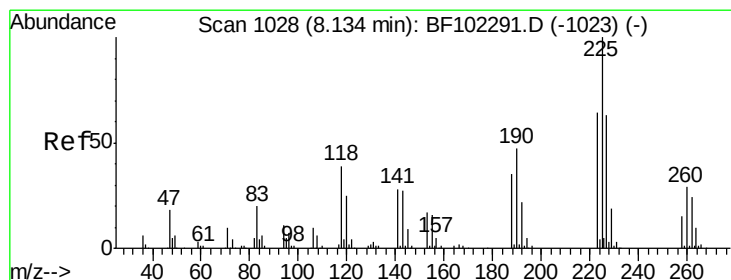
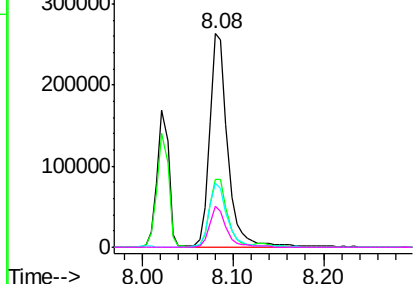
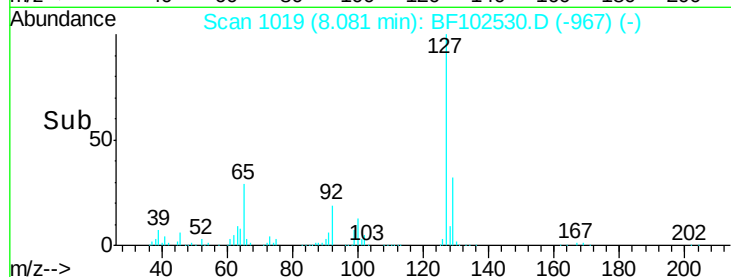
#33
4-Chloroaniline
Concen: 28.331 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

Tgt Ion:	127	Resp:	366057
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	30.1	25.0	37.4
92	19.4	15.2	22.8

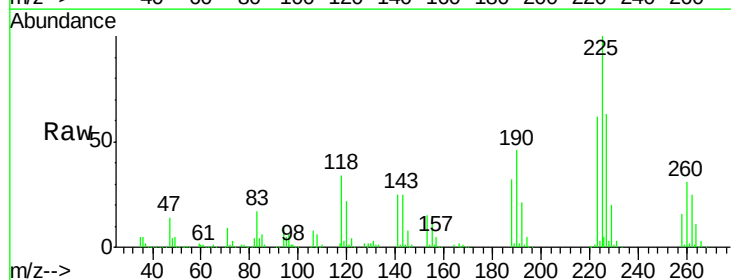


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

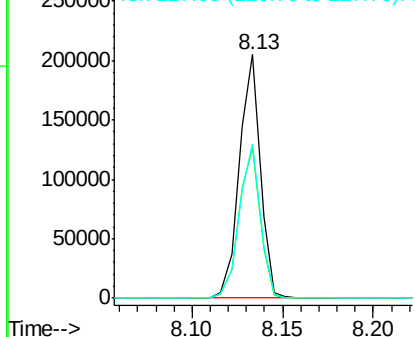
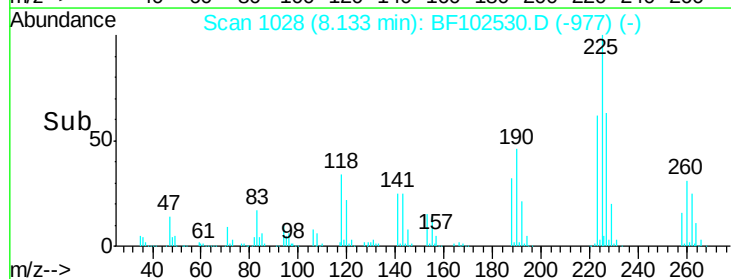


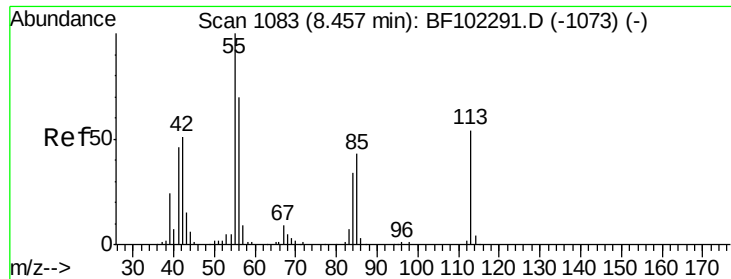
#34
Hexachlorobutadiene
Concen: 33.788 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:	225	Resp:	165034
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	63.2	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

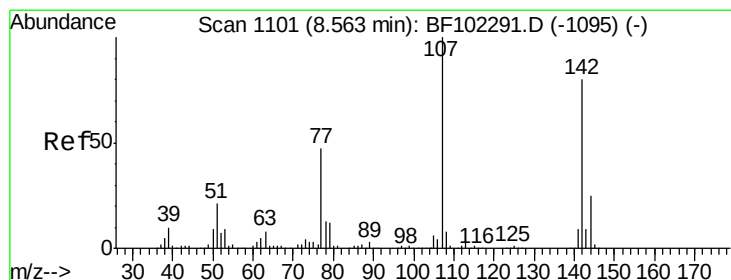
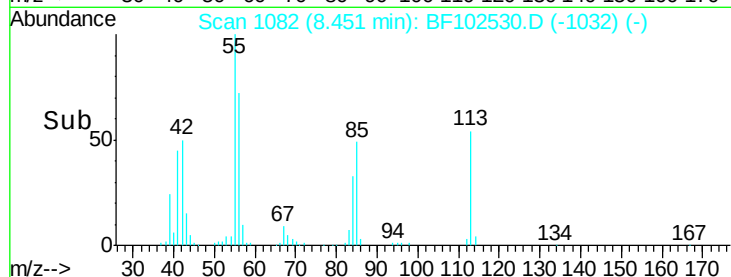
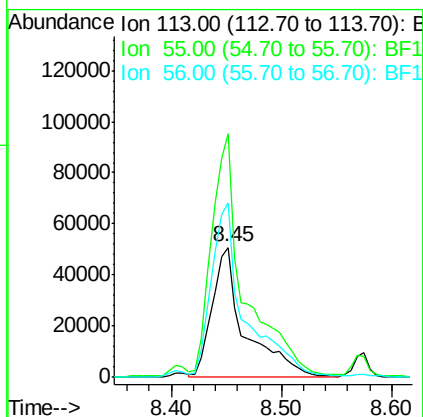
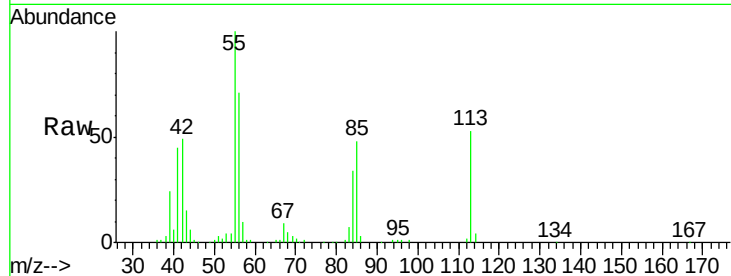




#35
 Caprolactam
 Concen: 37.404 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

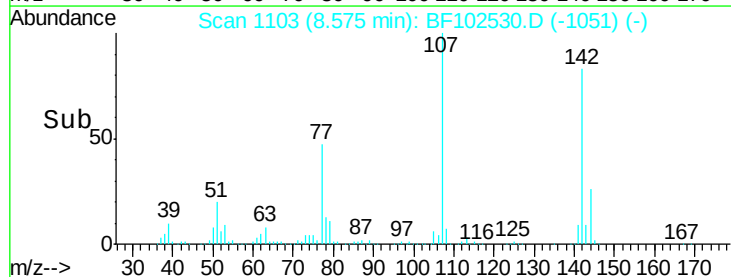
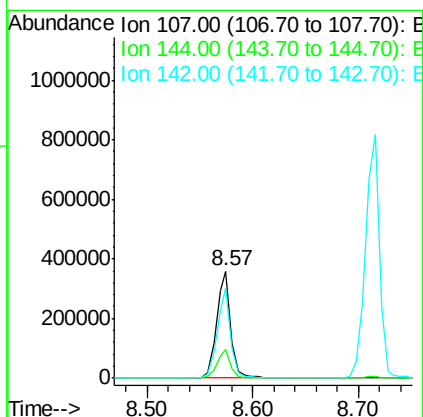
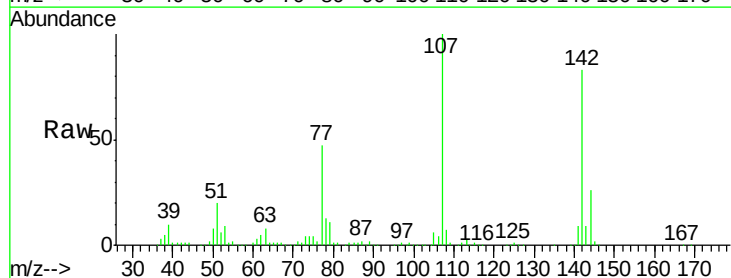
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

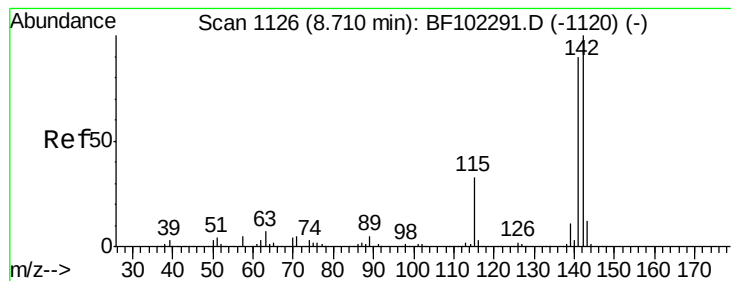
Tgt Ion:113 Resp: 105388
 Ion Ratio Lower Upper
 113 100
 55 187.0 163.3 203.3
 56 133.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.971 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:107 Resp: 341455
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 83.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.894 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

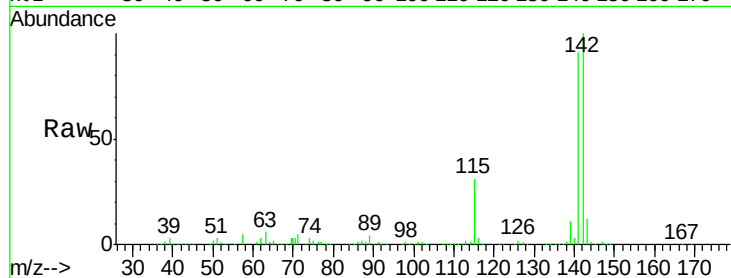
Tgt Ion:142 Resp: 734486

Ion Ratio Lower Upper

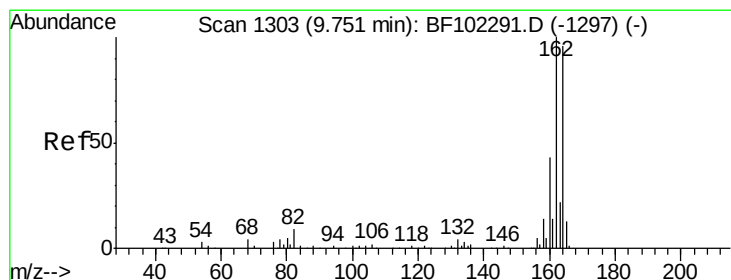
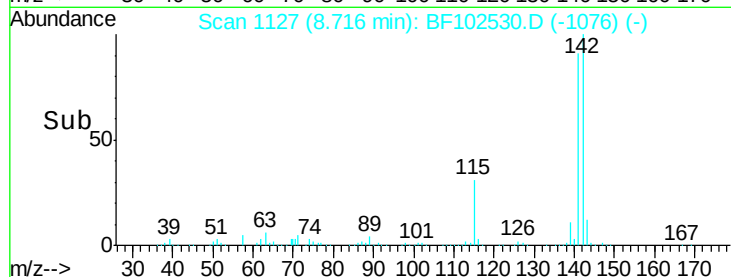
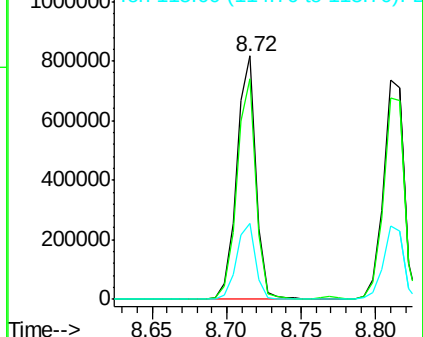
142 100

141 90.8 70.8 106.2

115 31.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

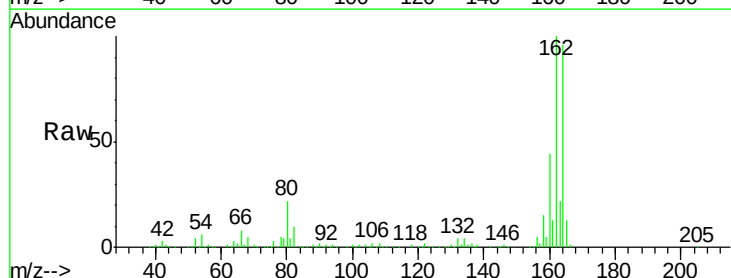
Tgt Ion:164 Resp: 242568

Ion Ratio Lower Upper

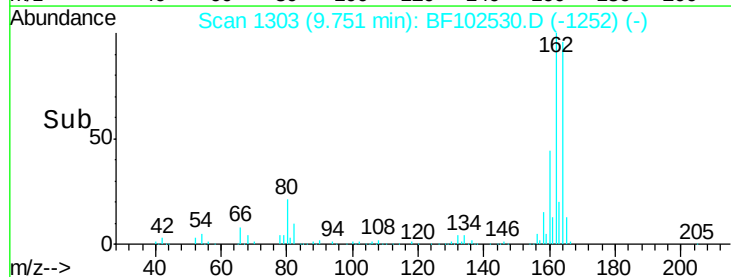
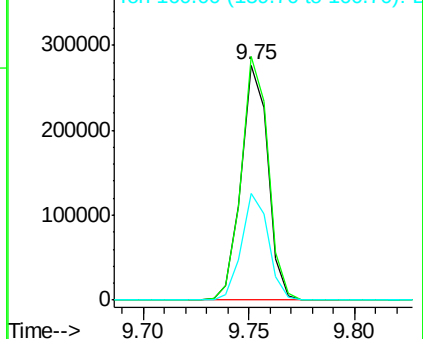
164 100

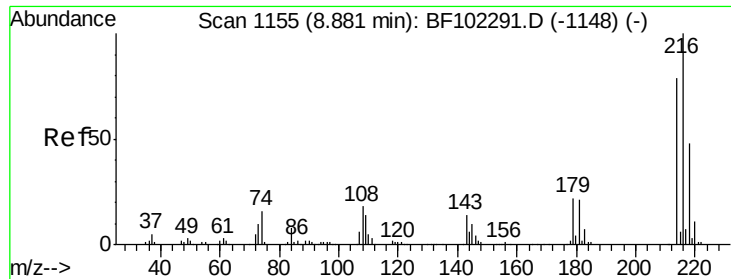
162 103.7 86.1 129.1

160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.804 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

Tgt Ion:216 Resp: 283185

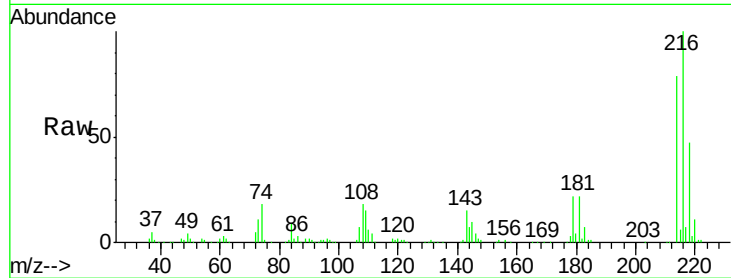
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.4 18.1 27.1

108 19.9 17.2 25.8

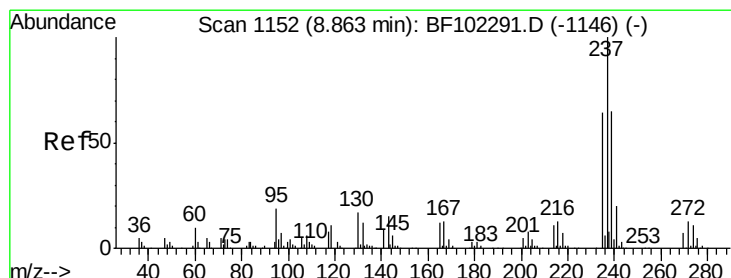
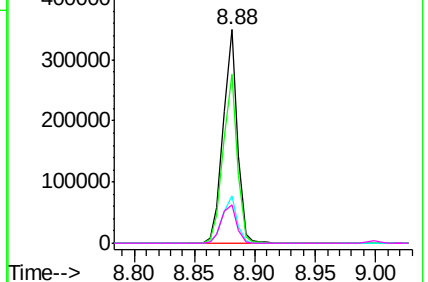
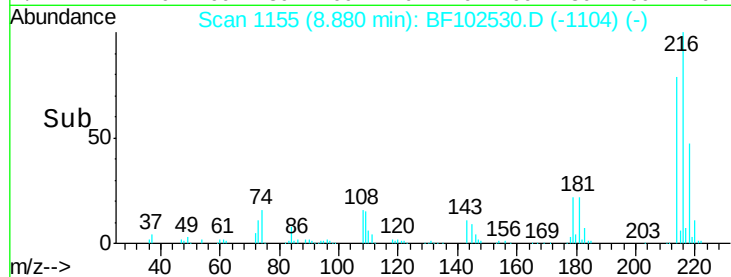


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.795 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

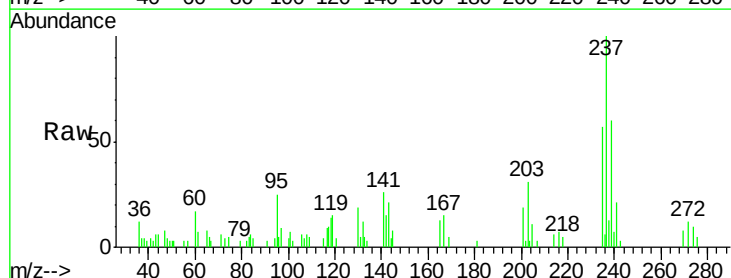
Tgt Ion:237 Resp: 9128

Ion Ratio Lower Upper

237 100

235 56.8 44.8 84.8

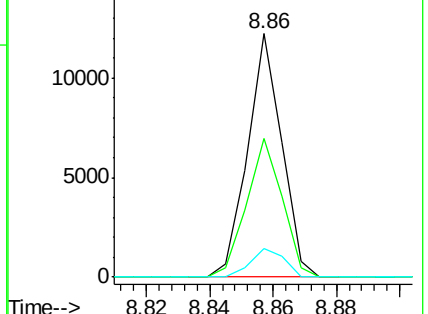
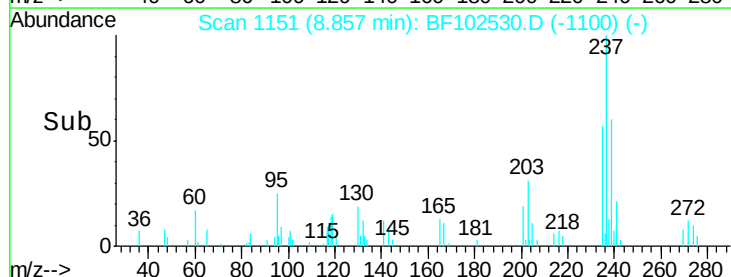
272 11.7 0.0 33.3

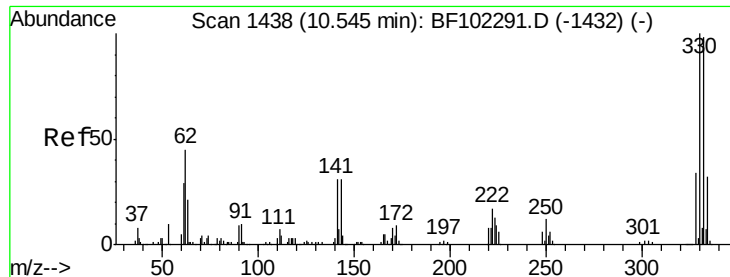


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

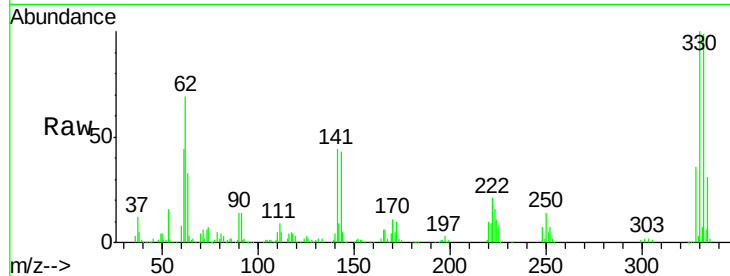




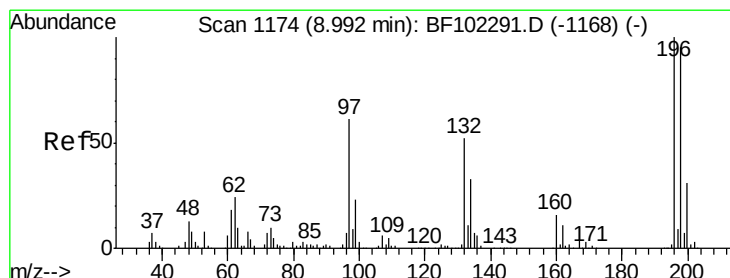
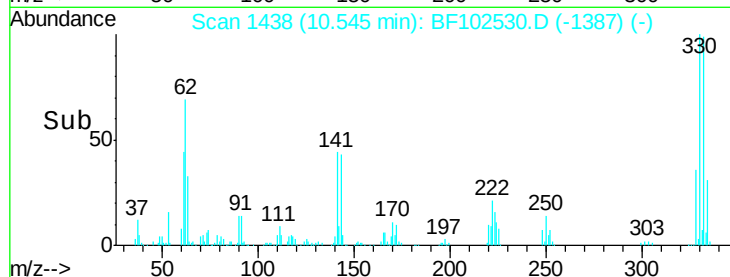
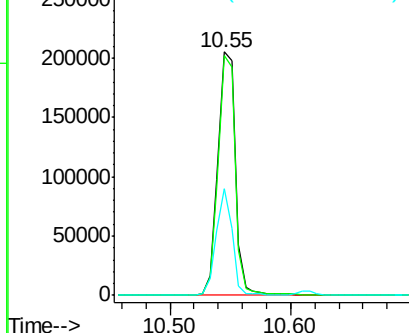
#41
 2,4,6-Tribromophenol
 Concen: 85.450 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion:330 Resp: 205380
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.0 29.9 44.9

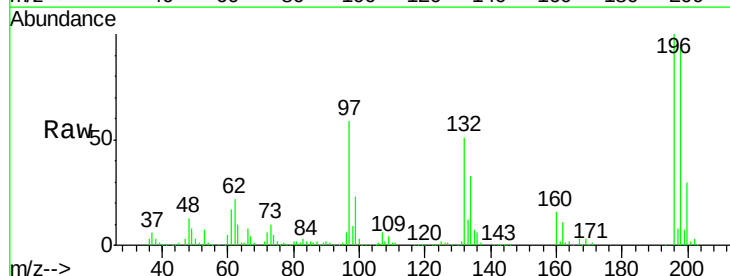


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

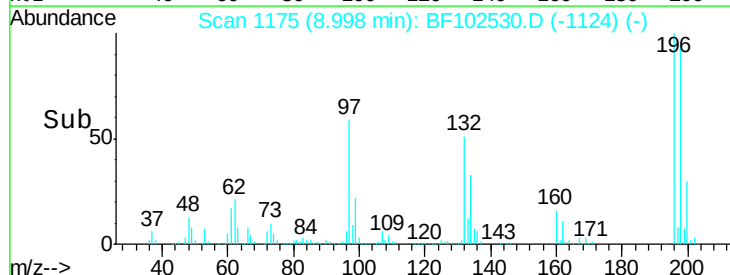
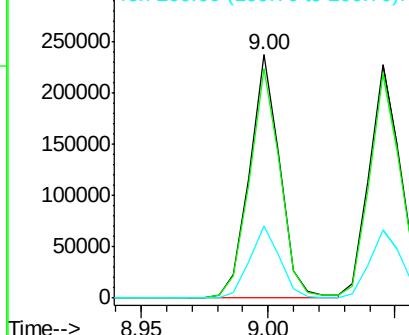


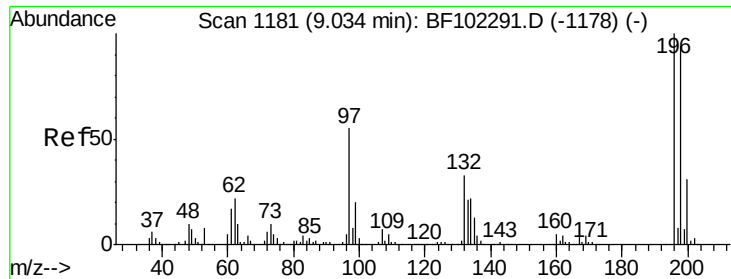
#42
 2,4,6-Trichlorophenol
 Concen: 40.540 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:196 Resp: 198053
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.6 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

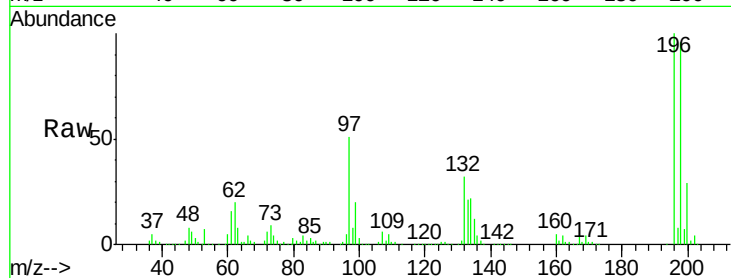




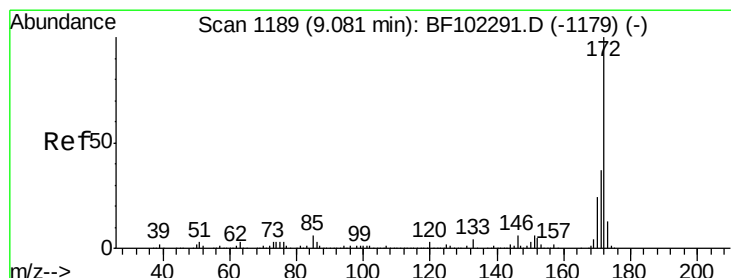
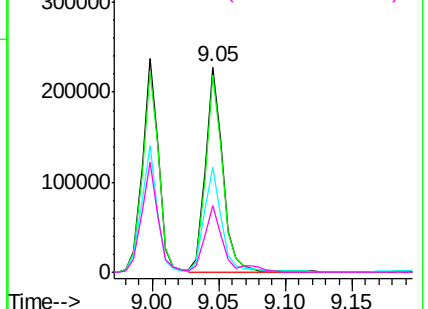
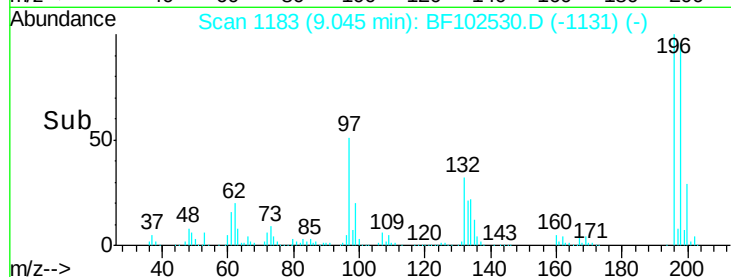
#43
 2,4,5-Trichlorophenol
 Concen: 37.331 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion:196 Resp: 205346
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.6 112.0
 97 51.1 42.9 64.3
 132 32.4 26.3 39.5

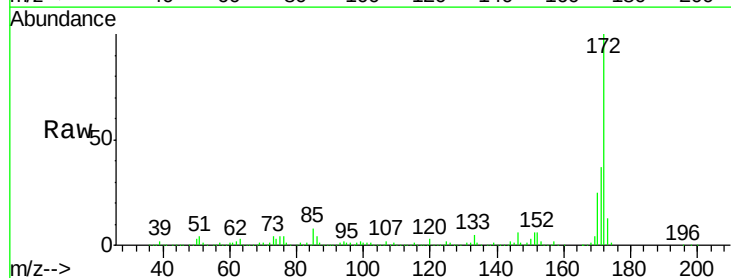


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

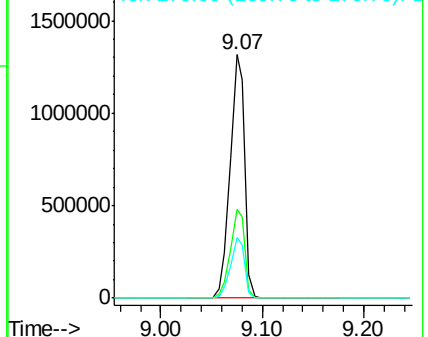
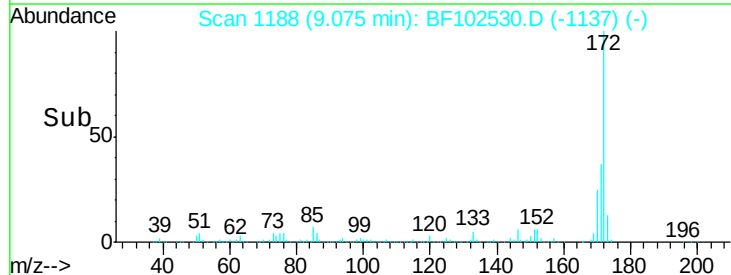


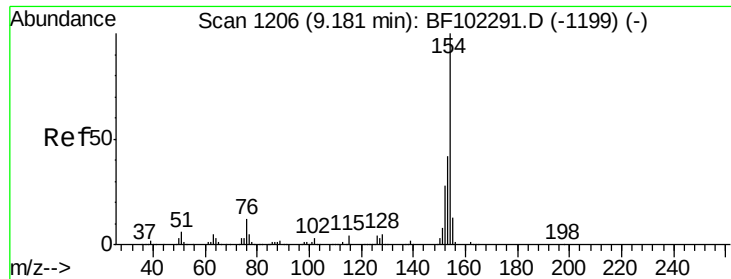
#44
 2-Fluorobiphenyl
 Concen: 79.391 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:172 Resp: 1309731
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.8 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

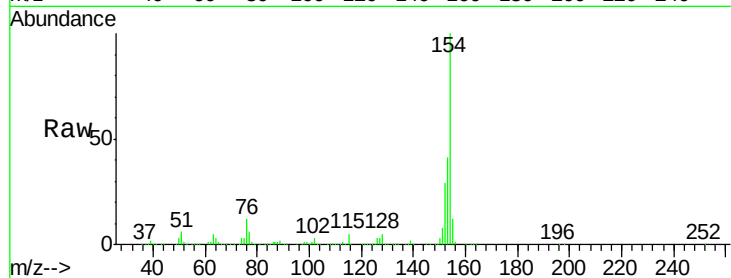




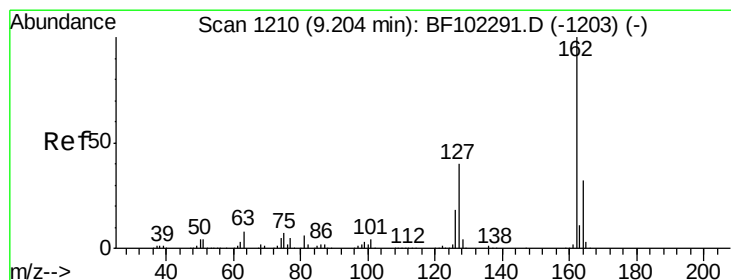
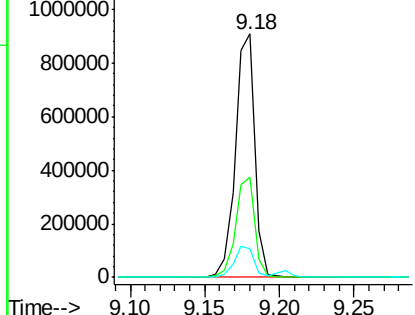
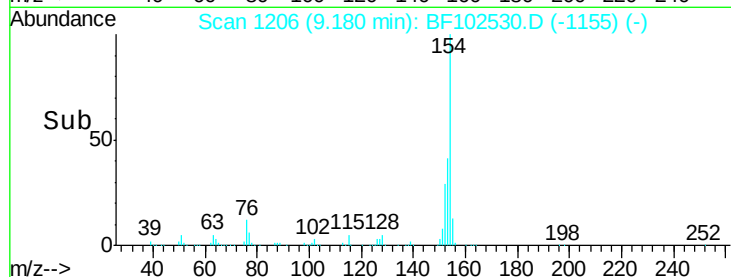
#45
 1,1'-Biphenyl
 Concen: 38.361 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion:154 Resp: 832021
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 11.7 0.0 34.0

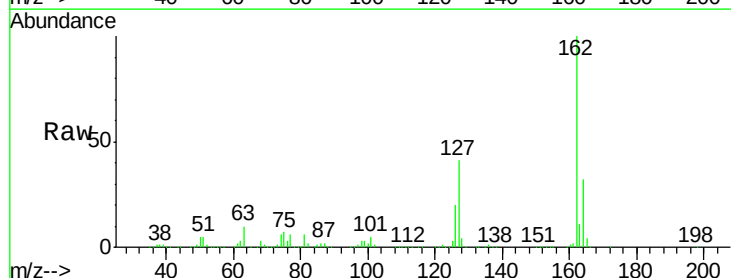


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

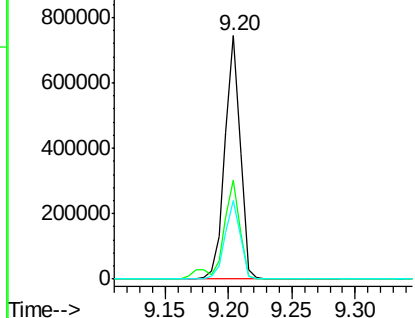
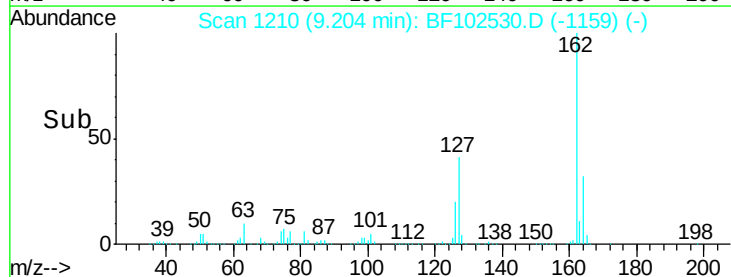


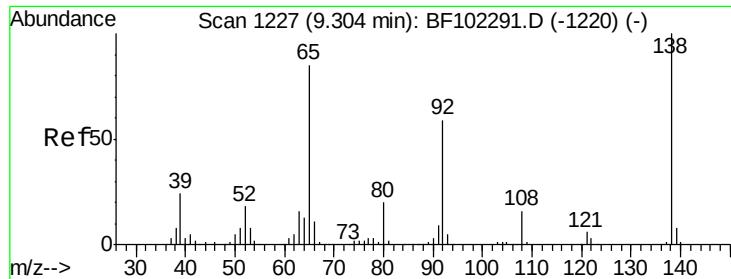
#46
 2-Chloronaphthalene
 Concen: 37.278 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:162 Resp: 628477
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 32.4 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

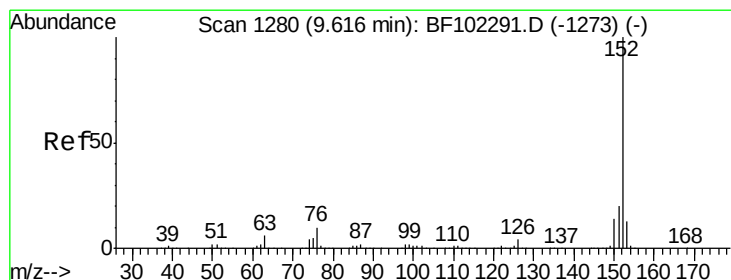
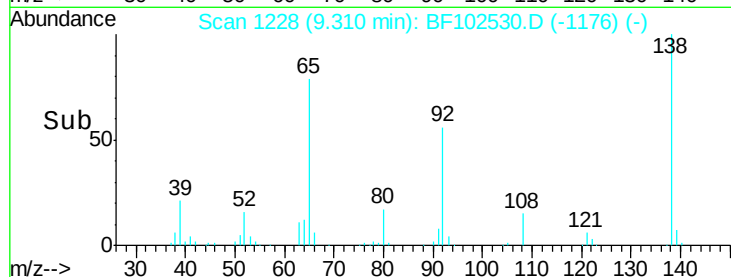
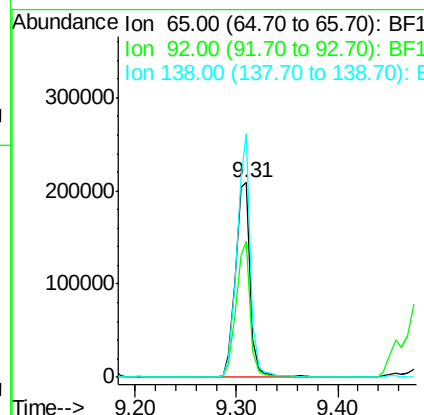
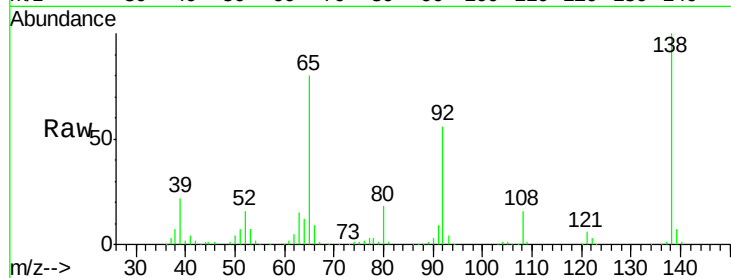




#47
 2-Nitroaniline
 Concen: 41.022 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

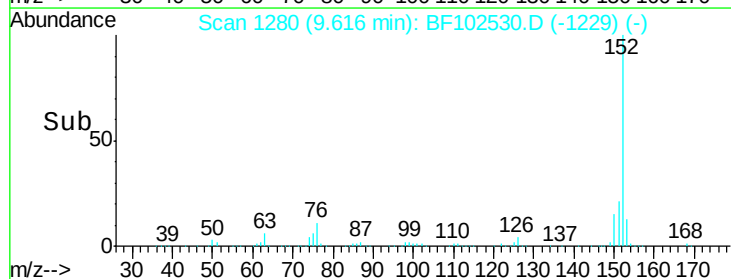
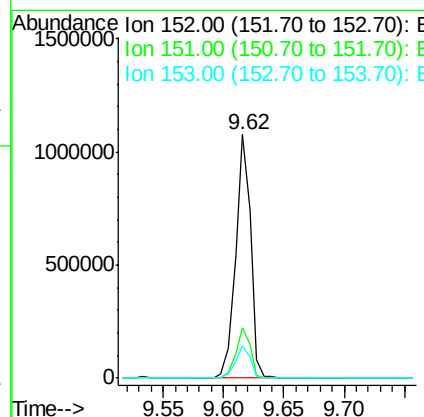
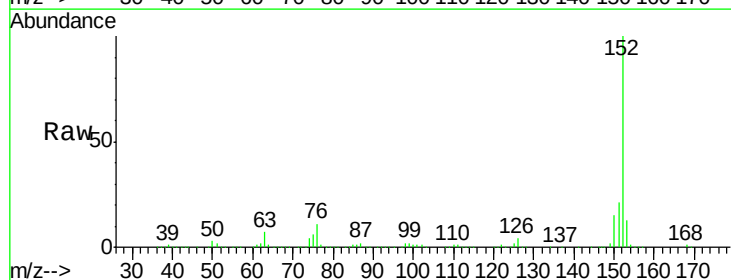
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

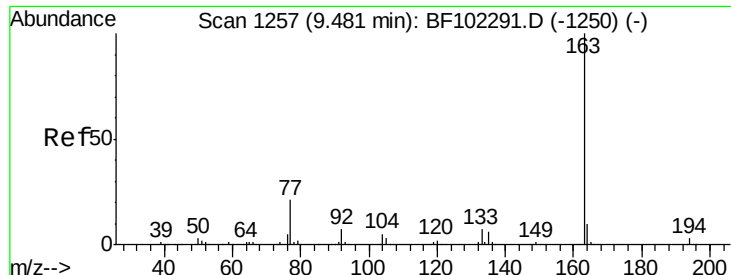
Tgt Ion: 65 Resp: 215613
 Ion Ratio Lower Upper
 65 100
 92 70.1 55.8 83.6
 138 125.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.294 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion: 152 Resp: 927004
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.5 10.7 16.1

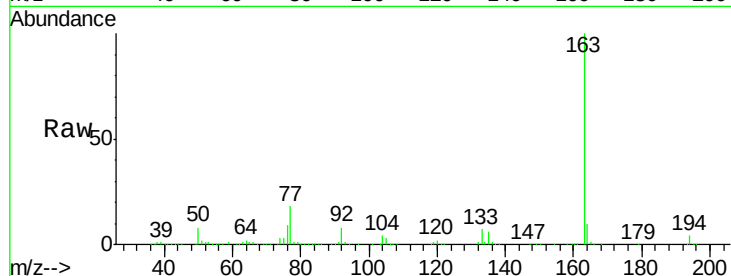




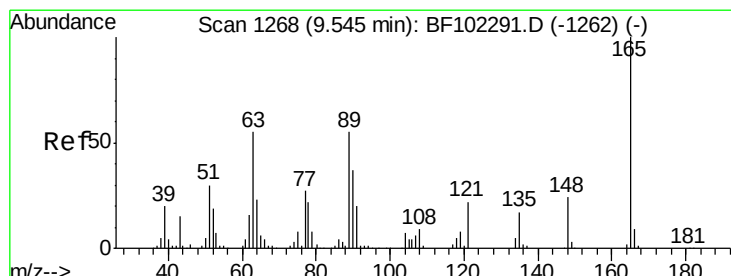
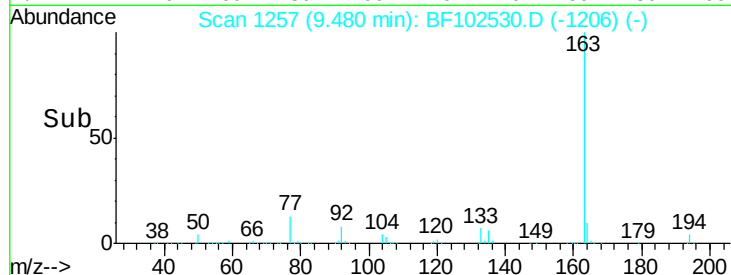
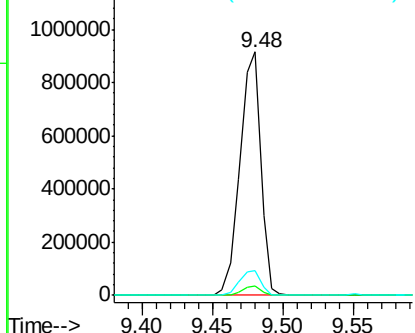
#49
Dimethylphthalate
Concen: 47.141 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

Tgt Ion:163 Resp: 945170
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

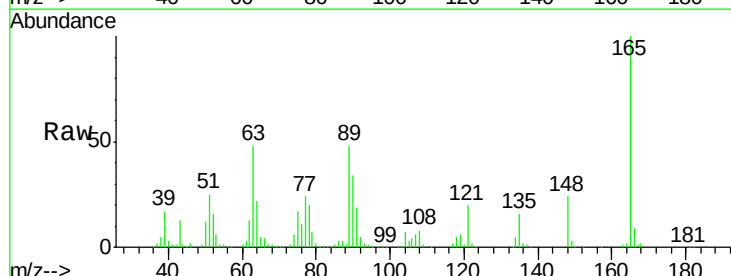


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

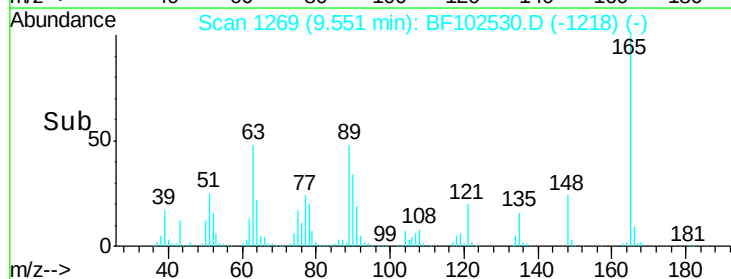
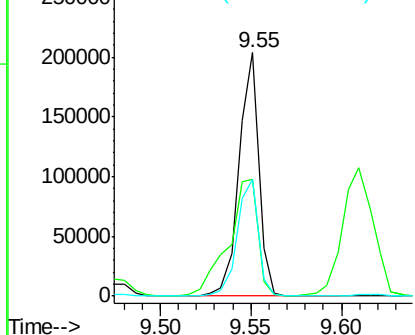


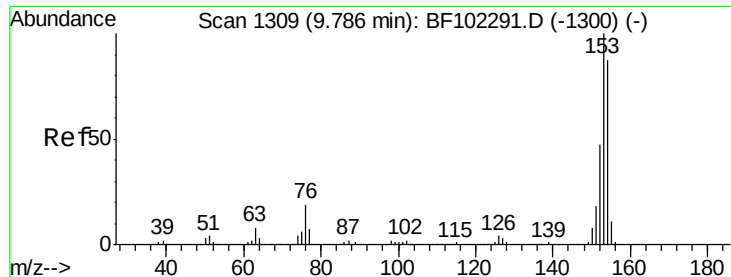
#50
2,6-Dinitrotoluene
Concen: 35.917 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:165 Resp: 155260
Ion Ratio Lower Upper
165 100
63 48.0 44.7 67.1
89 47.9 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: 35.025 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

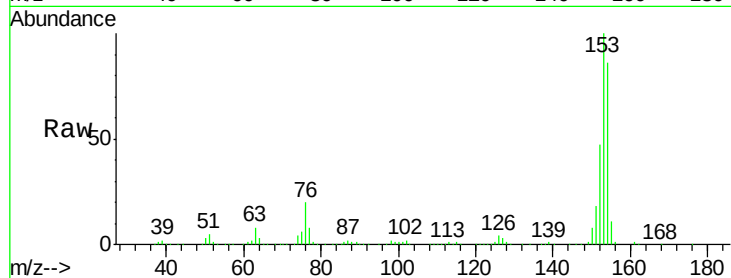
Tgt Ion:154 Resp: 537271

Ion Ratio Lower Upper

154 100

153 115.9 91.2 136.8

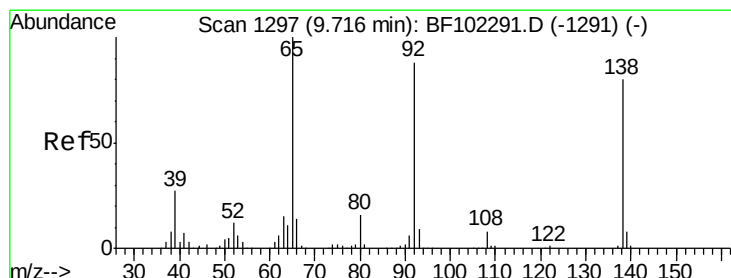
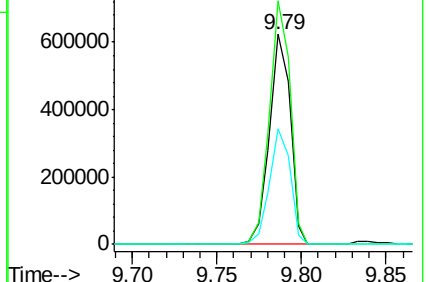
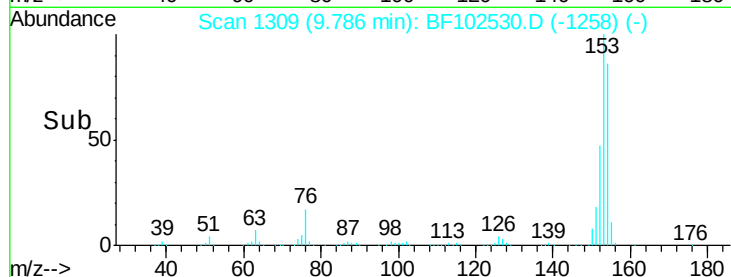
152 55.0 43.8 65.8



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



#52

3-Nitroaniline

Concen: 32.153 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

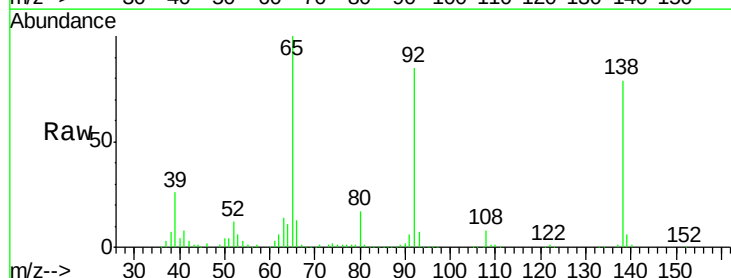
Tgt Ion:138 Resp: 164422

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

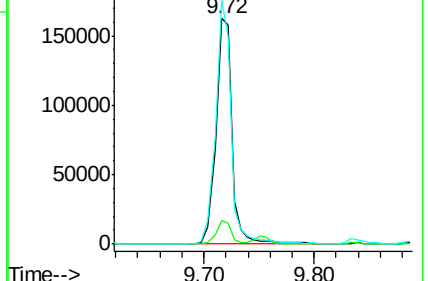
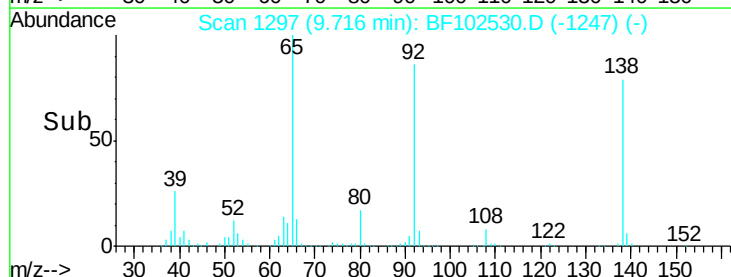
92 108.1 89.4 134.2

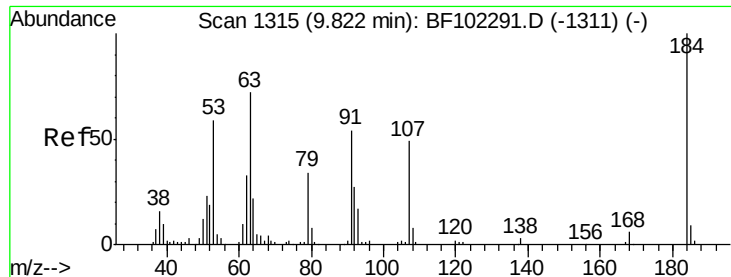


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

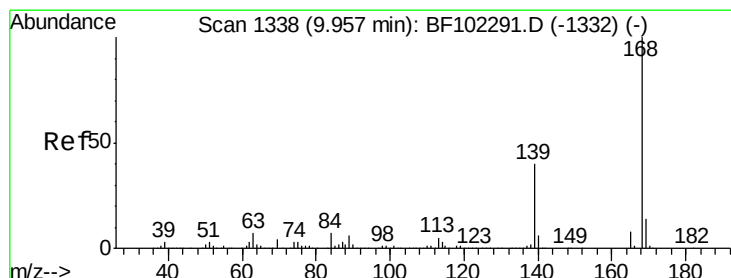
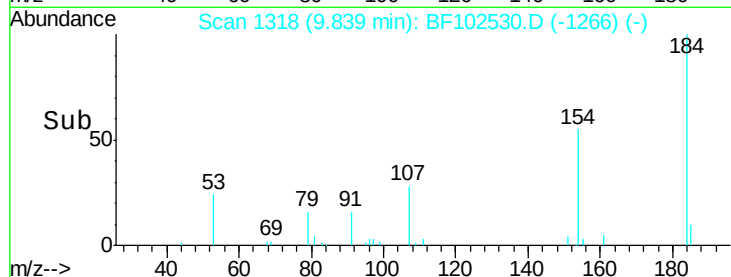
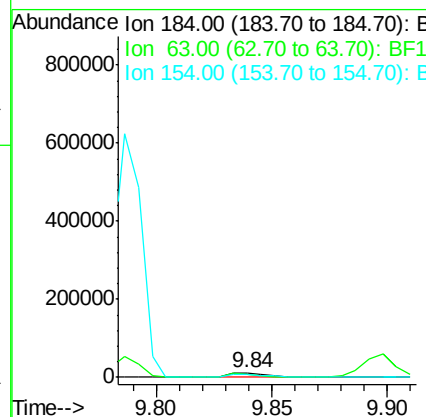
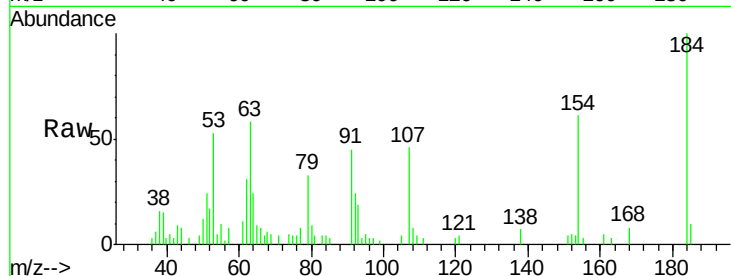




#53
 2,4-Dinitrophenol
 Concen: 11.760 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

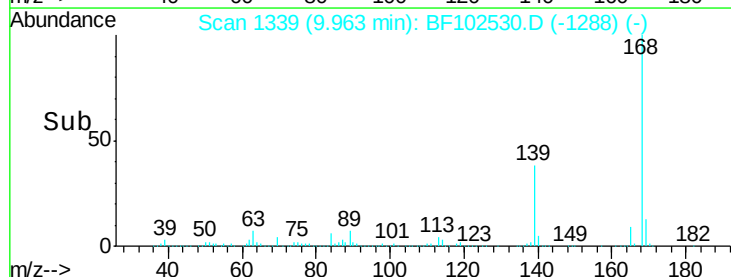
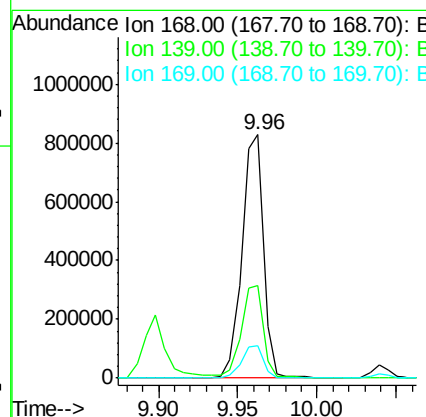
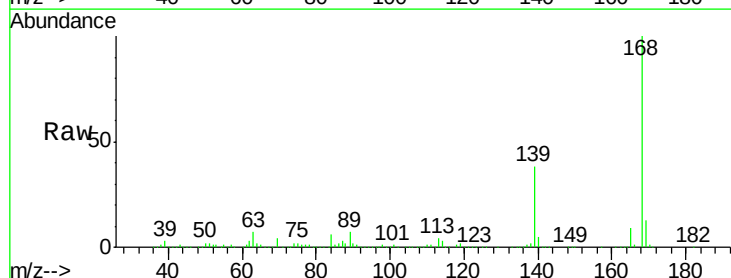
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

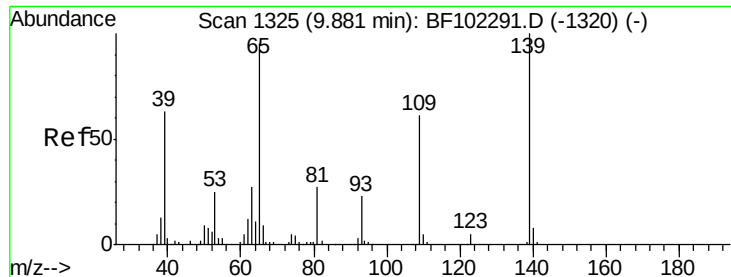
Tgt Ion:184 Resp: 16399
 Ion Ratio Lower Upper
 184 100
 63 58.0 54.2 81.2
 154 60.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.469 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:168 Resp: 777877
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 13.2 10.9 16.3

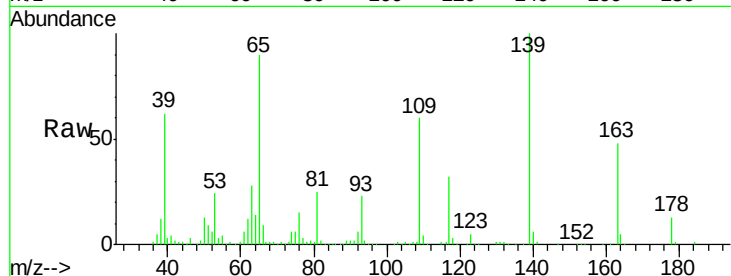




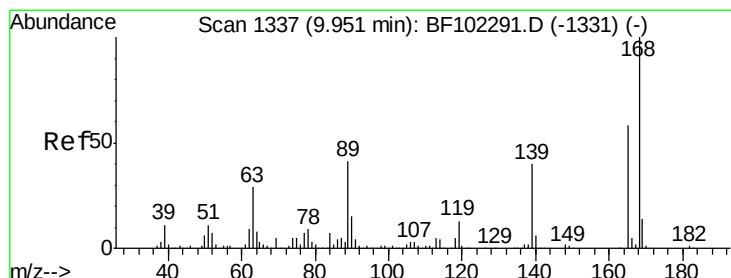
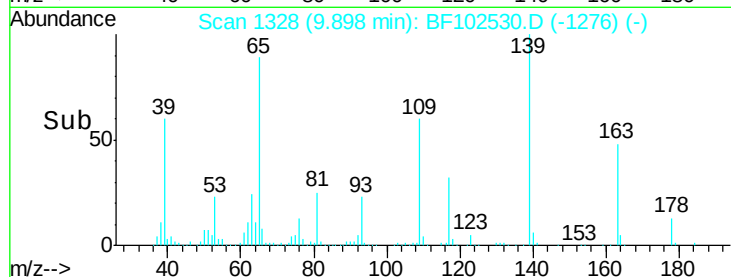
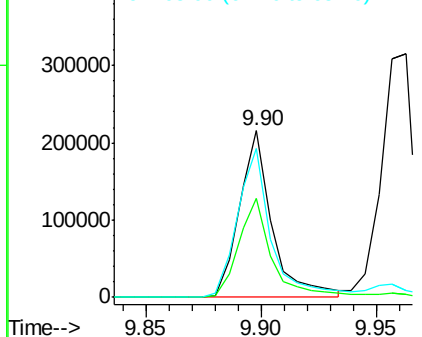
#55
4-Nitrophenol
Concen: 62.756 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

Tgt Ion:139 Resp: 211837
Ion Ratio Lower Upper
139 100
109 59.7 48.4 88.4
65 89.6 72.6 112.6

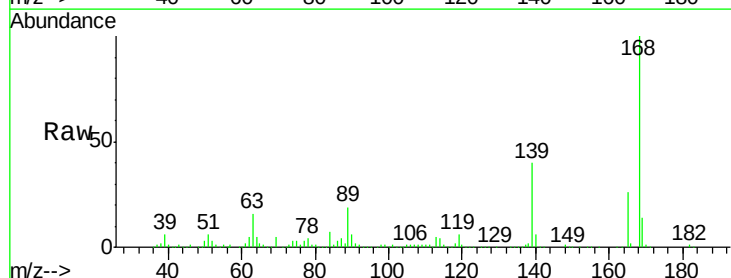


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

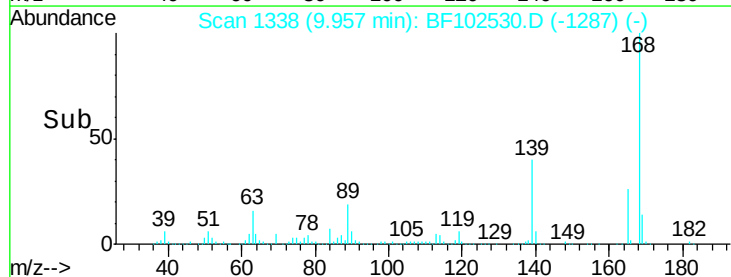
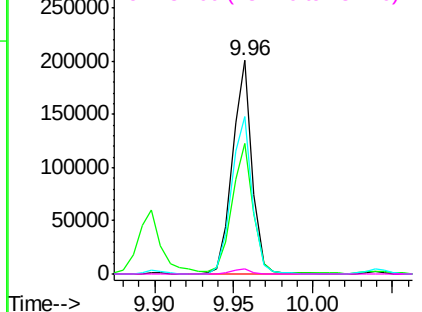


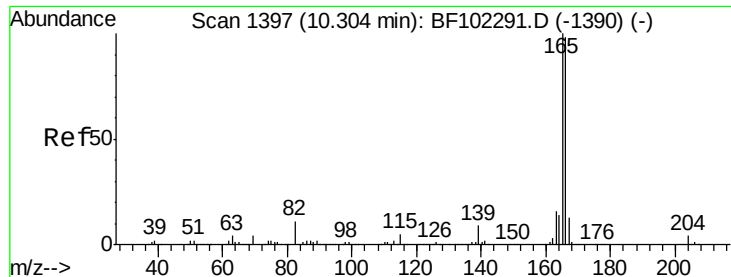
#56
2,4-Dinitrotoluene
Concen: 32.269 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:165 Resp: 171535
Ion Ratio Lower Upper
165 100
63 61.2 36.4 54.6#
89 73.9 57.8 86.6
182 2.6 1.6 2.4#



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

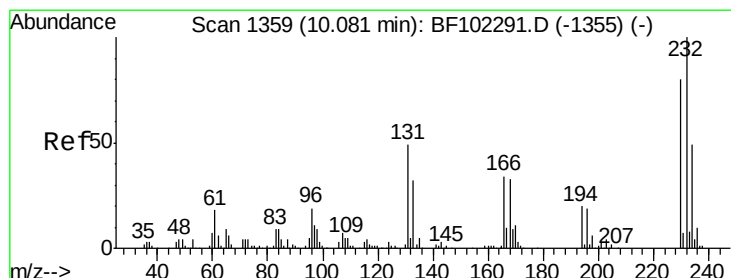
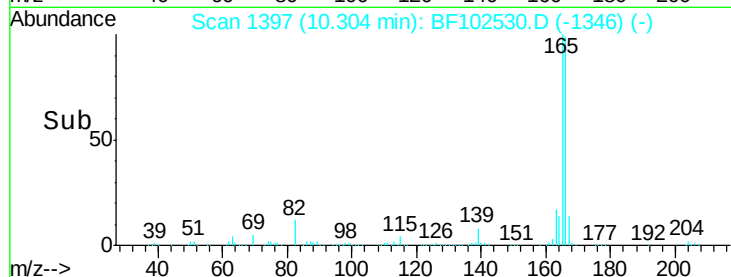
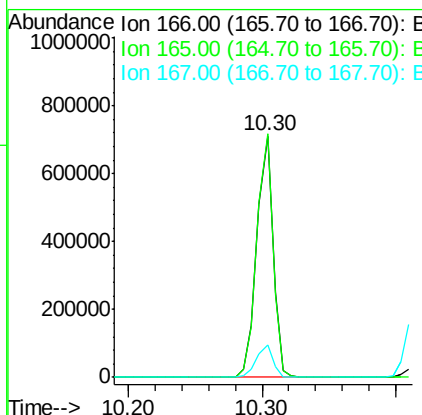
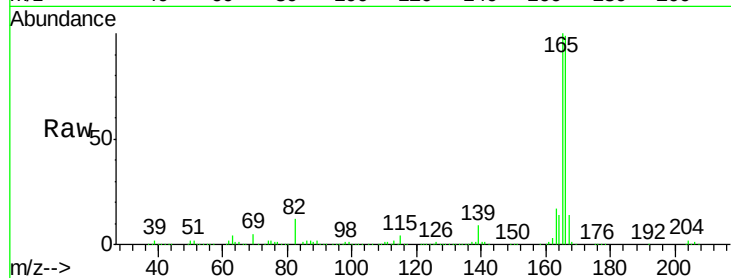




#57
 Fluorene
 Concen: 36.188 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

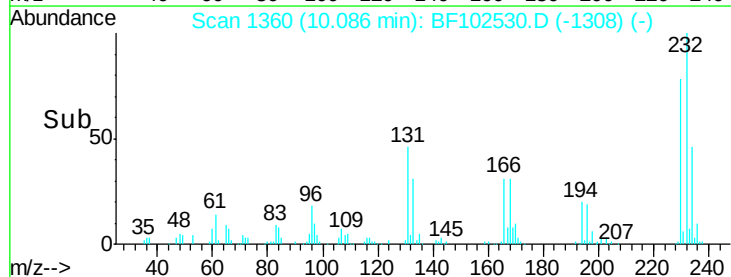
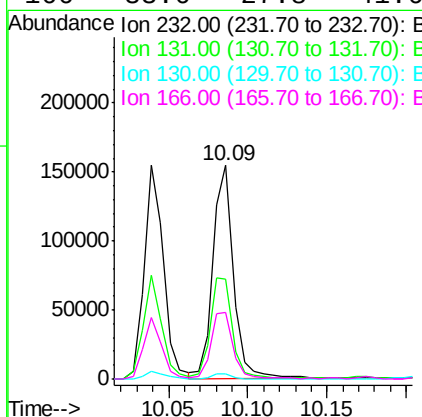
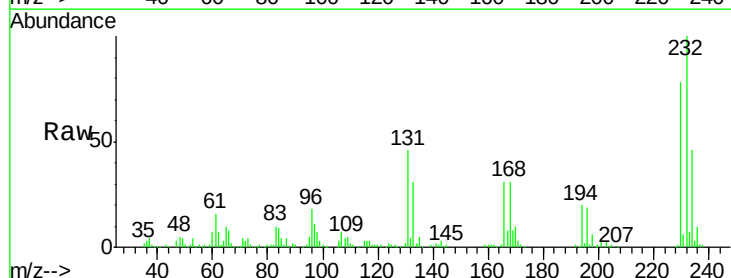
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

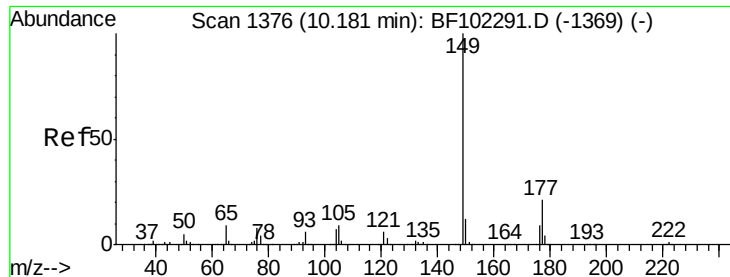
Tgt Ion:166 Resp: 595314
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.448 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:232 Resp: 139221
 Ion Ratio Lower Upper
 232 100
 131 51.3 43.8 65.8
 130 2.7 2.1 3.1
 166 33.6 27.8 41.6

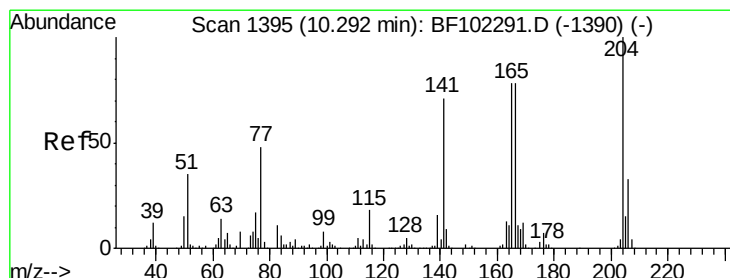
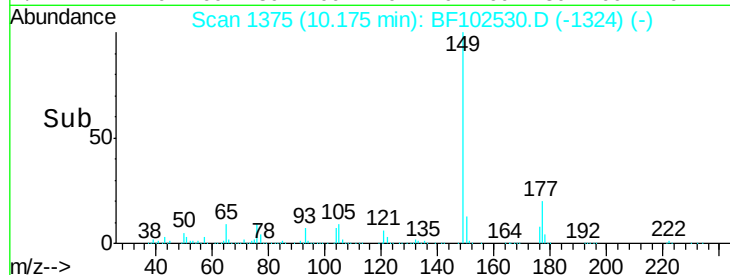
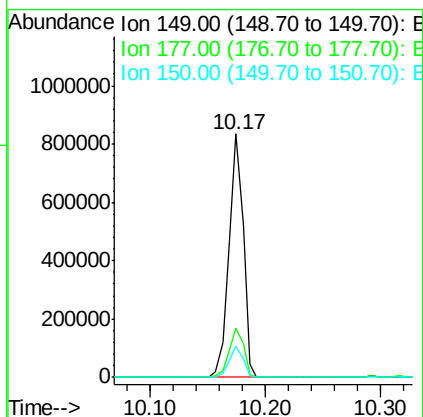
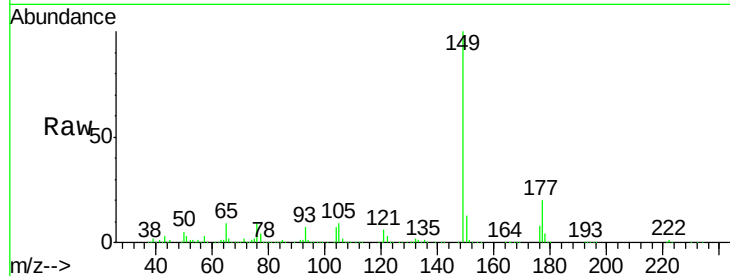




#59
Diethylphthalate
Concen: 36.584 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

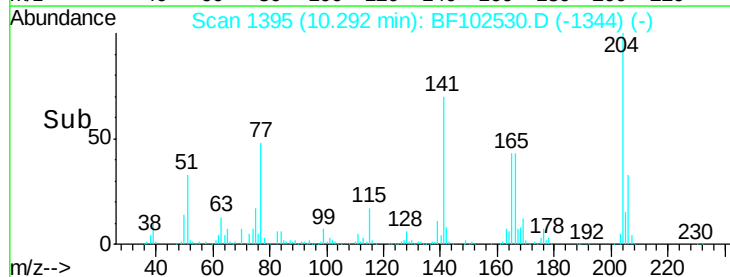
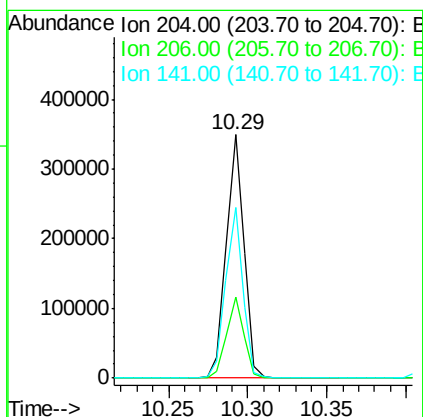
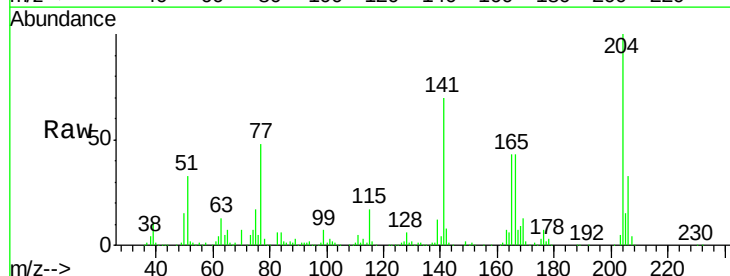
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

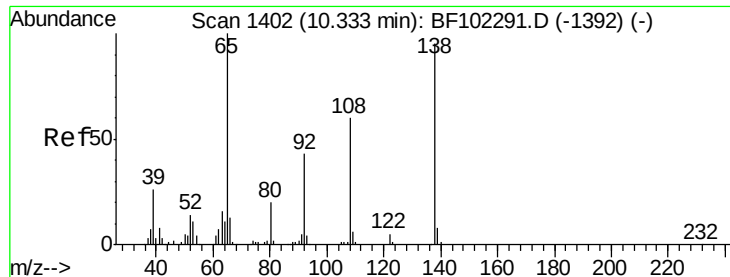
Tgt Ion:149 Resp: 712785
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.887 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:204 Resp: 270222
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 69.8 54.6 81.8

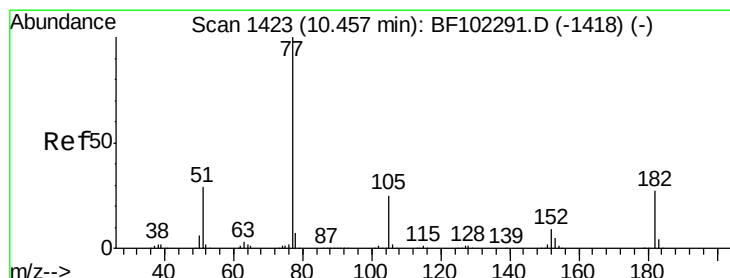
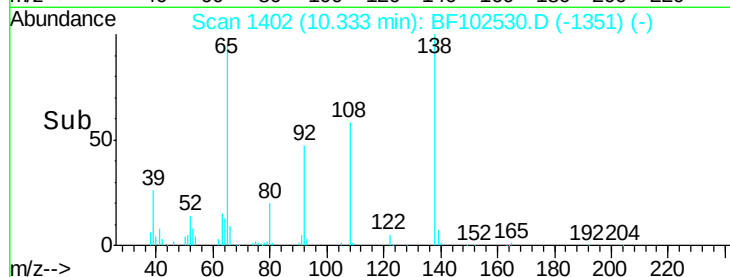
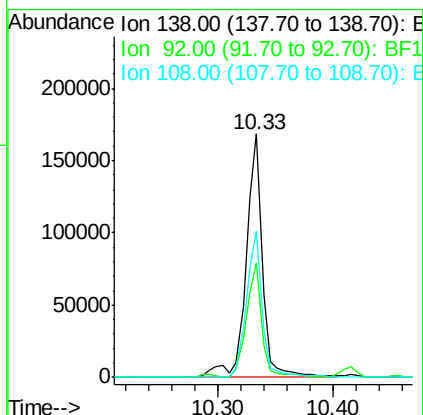
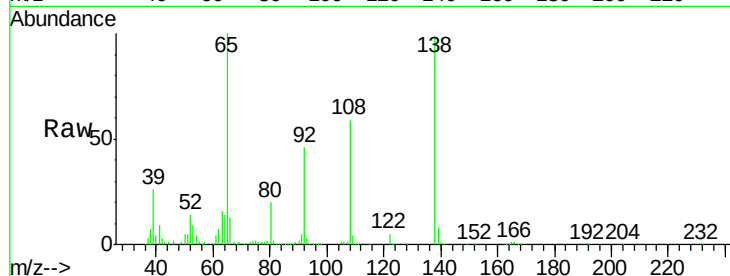




#61
4-Nitroaniline
Concen: 32.549 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

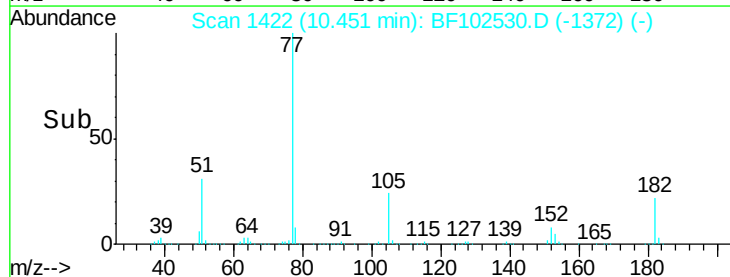
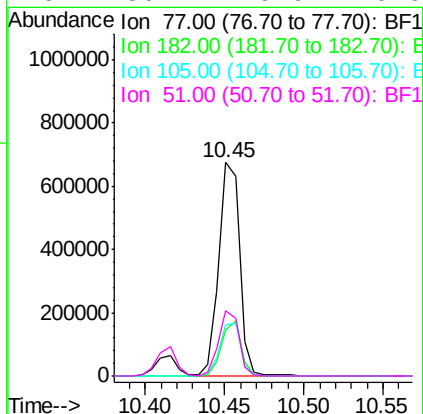
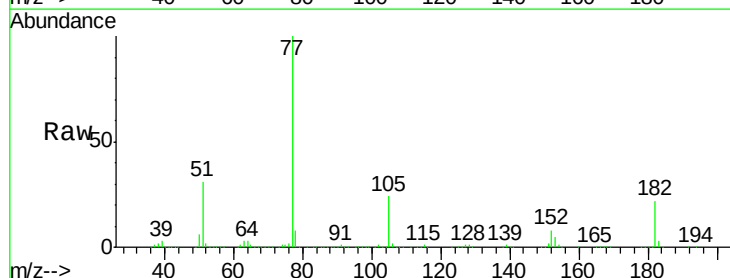
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

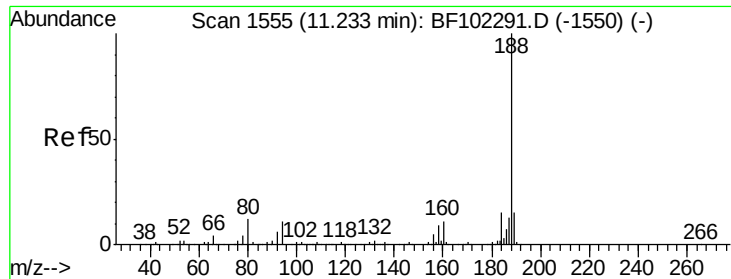
Tgt Ion:138 Resp: 166090
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 60.0 52.5 92.5



#62
Azobenzene
Concen: 34.401 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion: 77 Resp: 613655
Ion Ratio Lower Upper
77 100
182 21.7 1.7 41.7
105 23.8 3.0 43.0
51 30.7 9.9 49.9

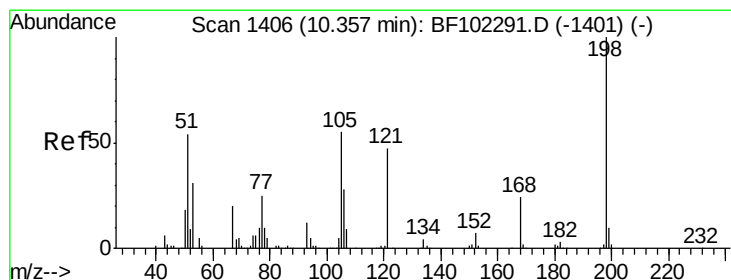
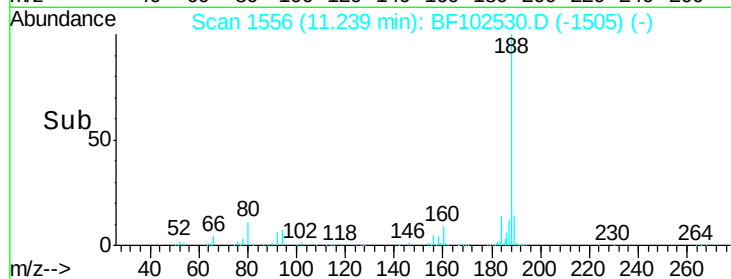
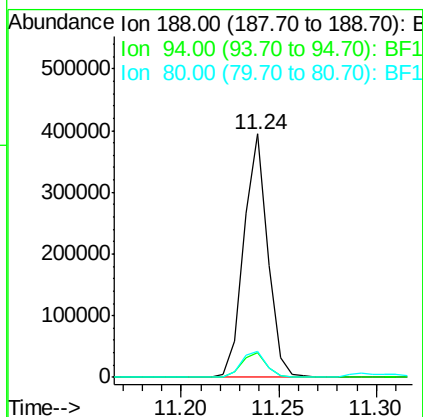
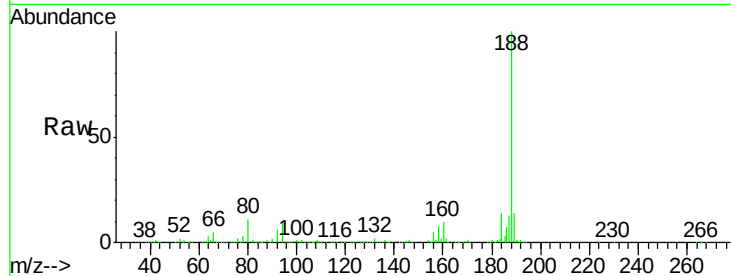




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

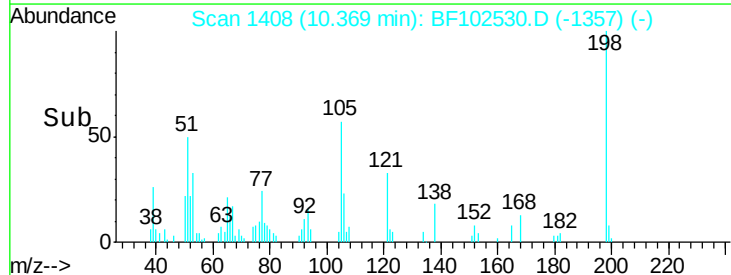
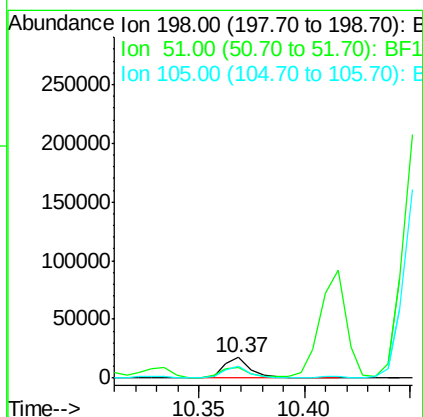
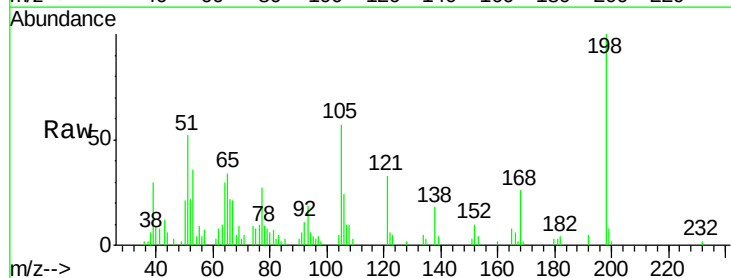
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

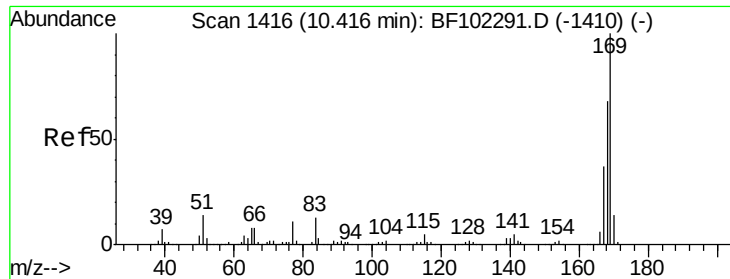
Tgt Ion:188 Resp: 335177
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.948 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:198 Resp: 15537
Ion Ratio Lower Upper
198 100
51 51.6 37.7 77.7
105 57.4 36.3 76.3

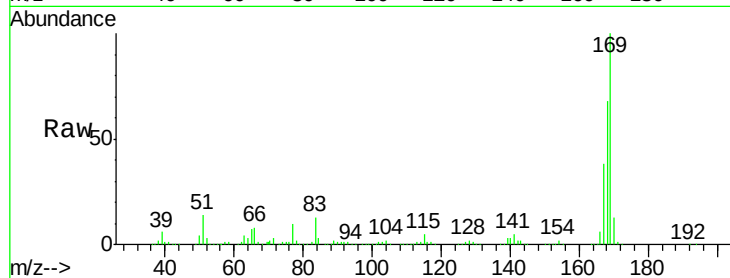




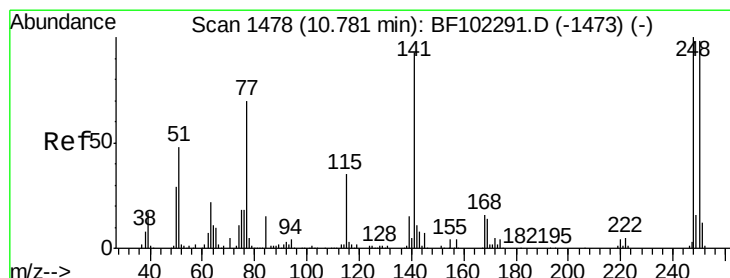
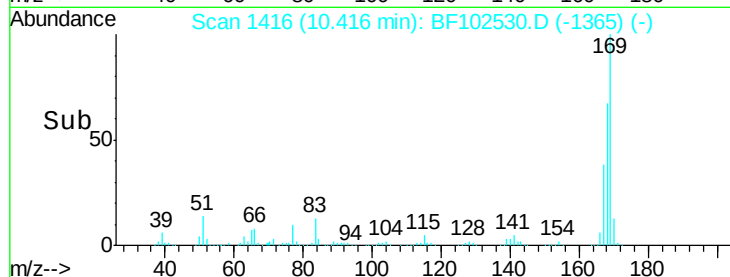
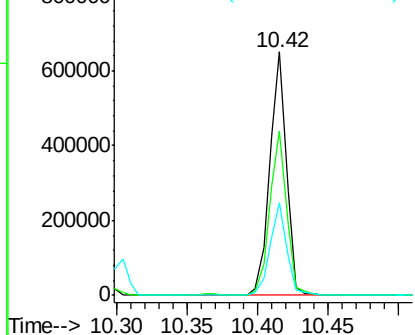
#65
n-Nitrosodiphenylamine
Concen: 44.068 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

Tgt Ion:169 Resp: 542142
Ion Ratio Lower Upper
169 100
168 67.6 54.4 81.6
167 37.9 29.8 44.6

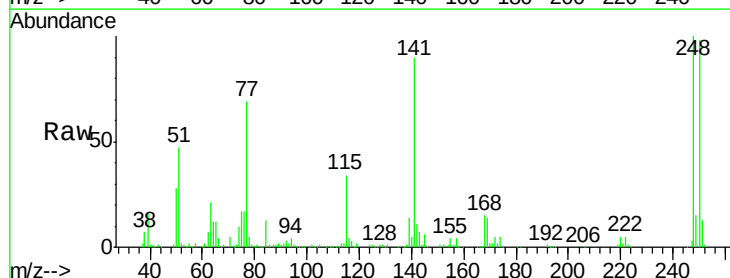


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

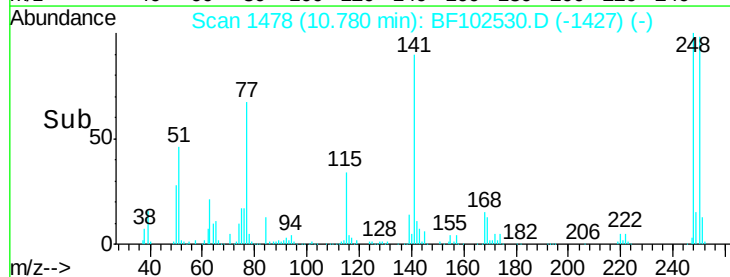
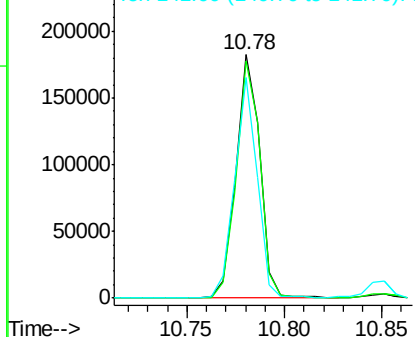


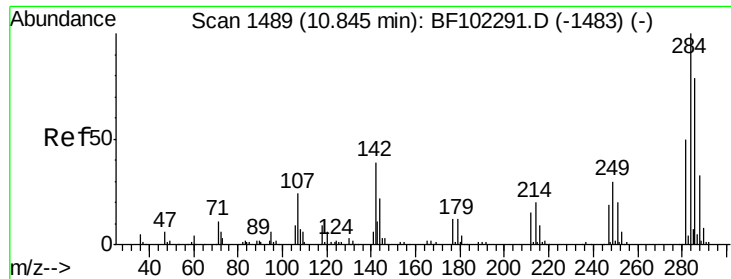
#66
4-Bromophenyl-phenylether
Concen: 42.622 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:248 Resp: 153789
Ion Ratio Lower Upper
248 100
250 97.5 76.9 115.3
141 90.4 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: 35.348 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

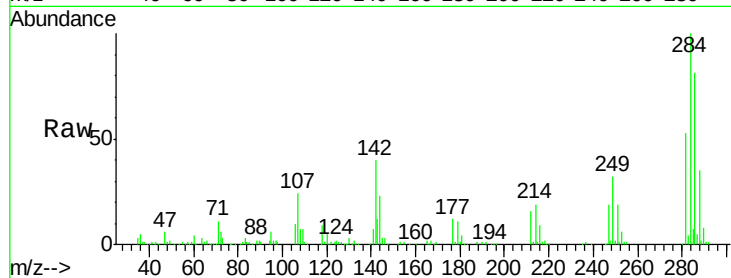
Tgt Ion: 284 Resp: 142641

Ion Ratio Lower Upper

284 100

142 39.9 34.6 52.0

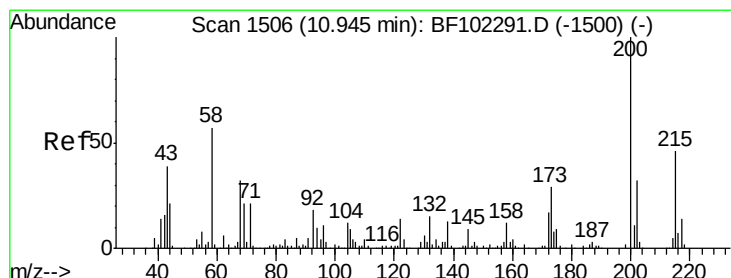
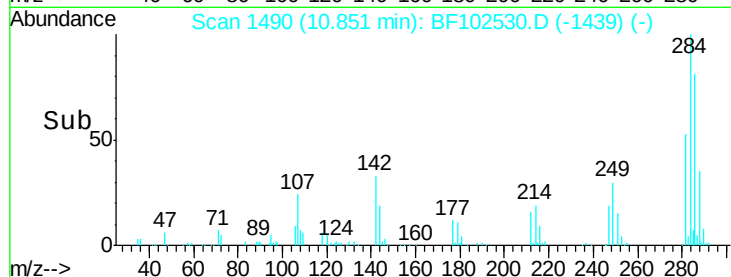
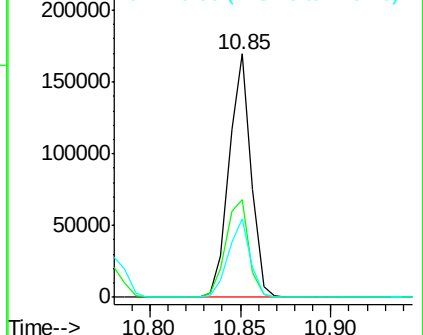
249 32.3 24.8 37.2



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: 38.827 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

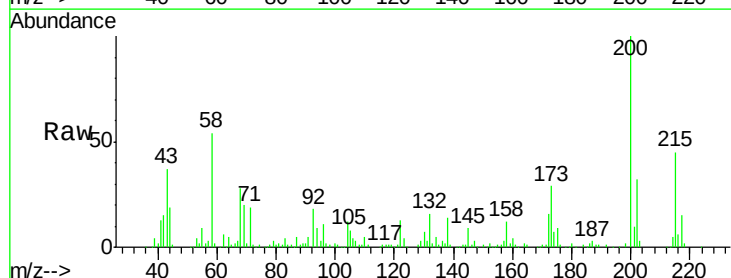
Tgt Ion: 200 Resp: 141077

Ion Ratio Lower Upper

200 100

173 29.3 8.6 48.6

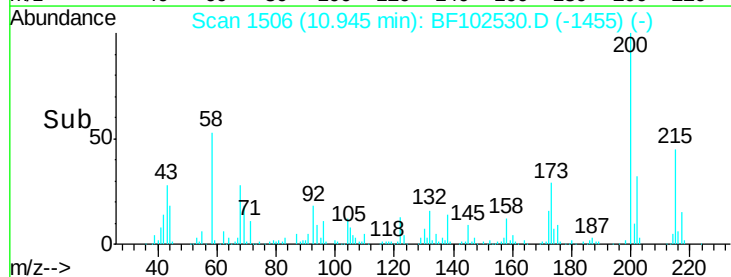
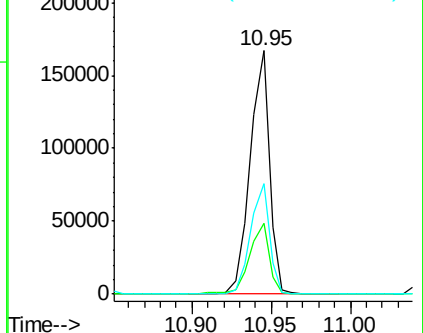
215 45.4 25.1 65.1

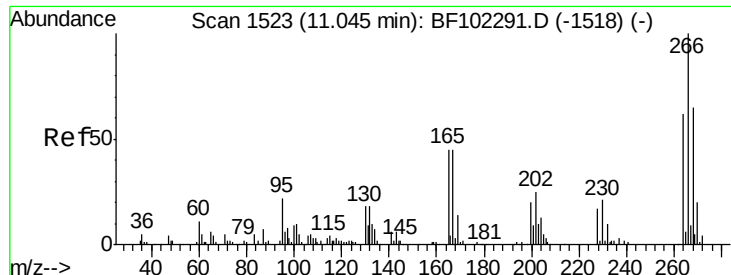


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

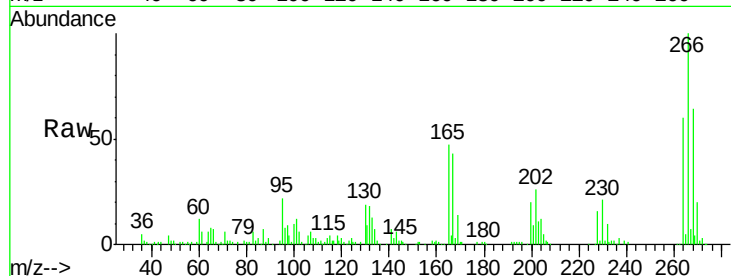




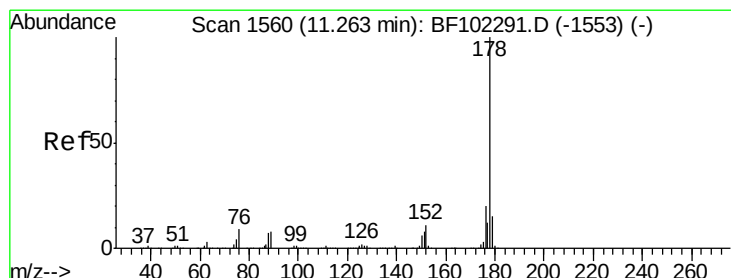
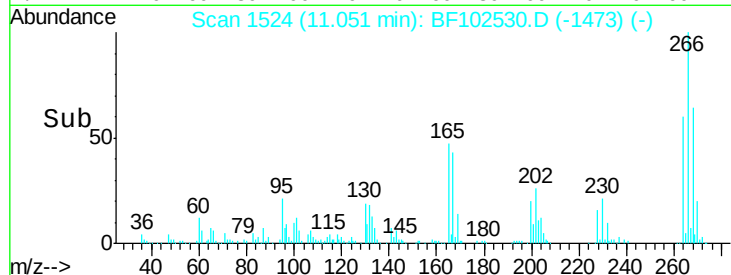
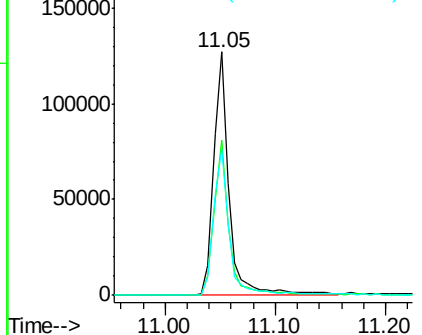
#69
 Pentachlorophenol
 Concen: 57.854 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion:266 Resp: 122641
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 59.8 49.5 74.3

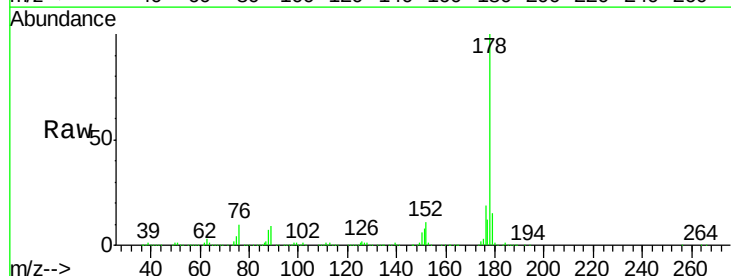


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

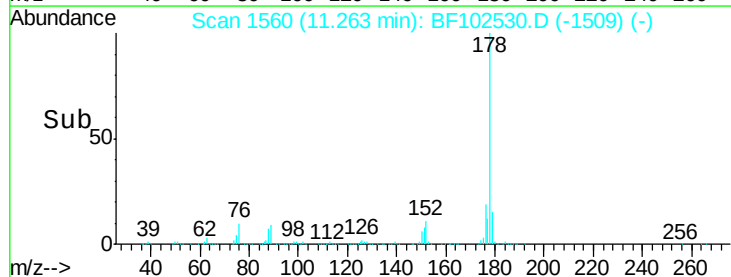
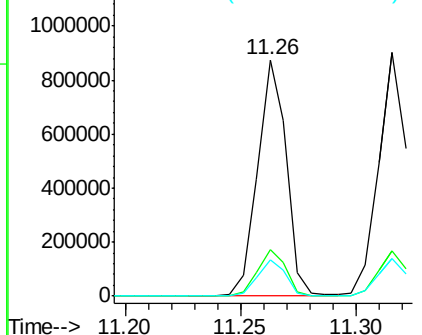


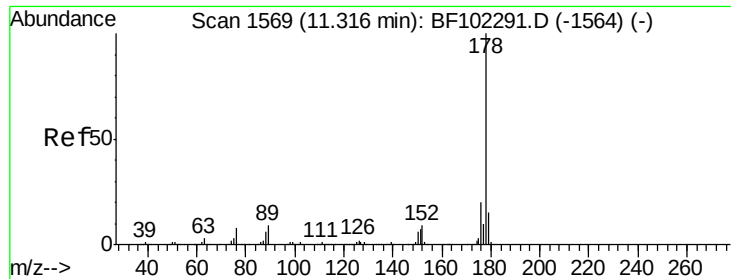
#70
 Phenanthrene
 Concen: 38.881 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:178 Resp: 759410
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 13.0 19.6



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

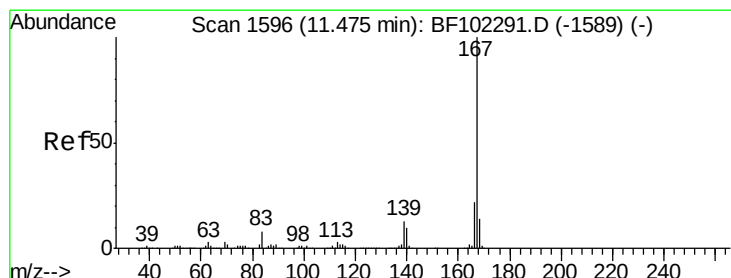
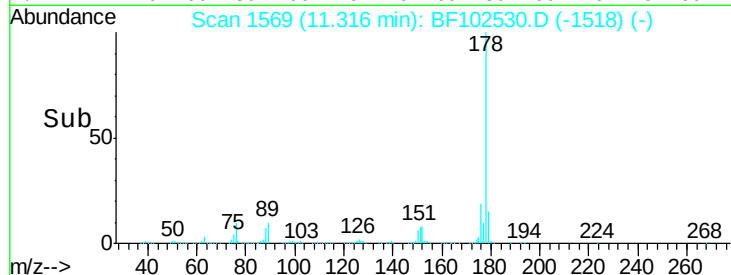
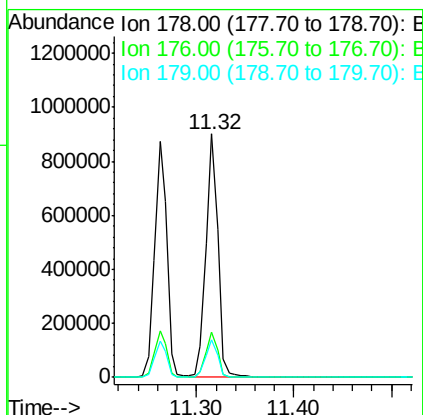
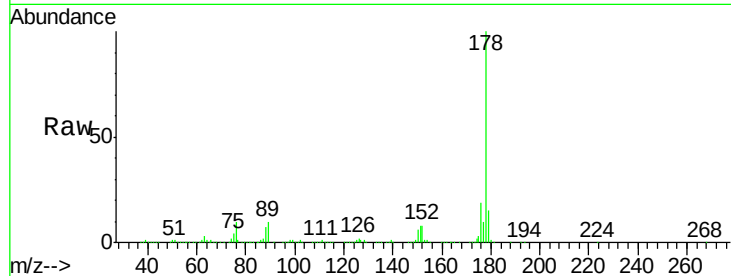




#71
 Anthracene
 Concen: 38.695 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

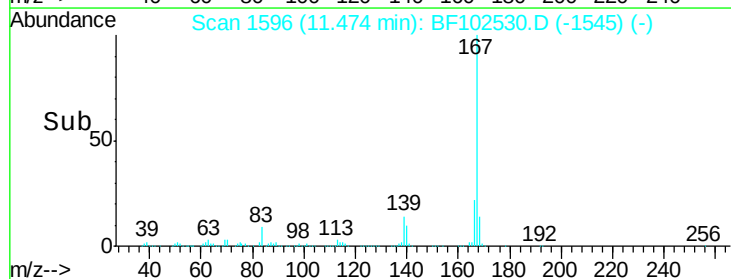
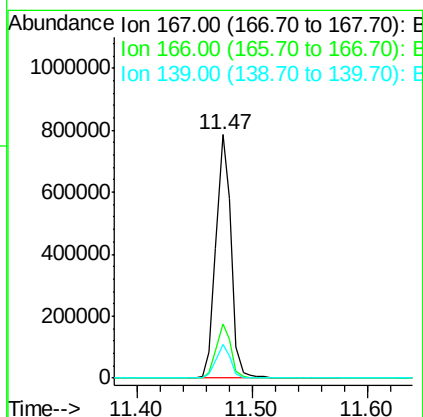
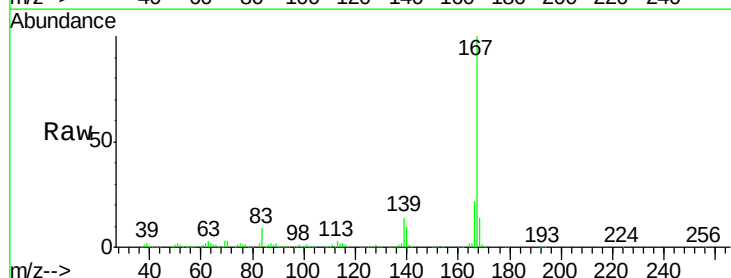
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

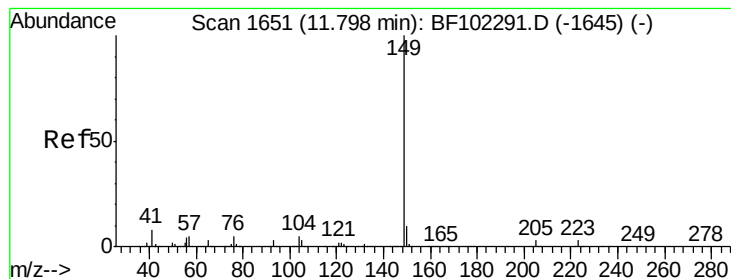
Tgt Ion:178 Resp: 771405
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 36.907 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:167 Resp: 717798
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.440 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

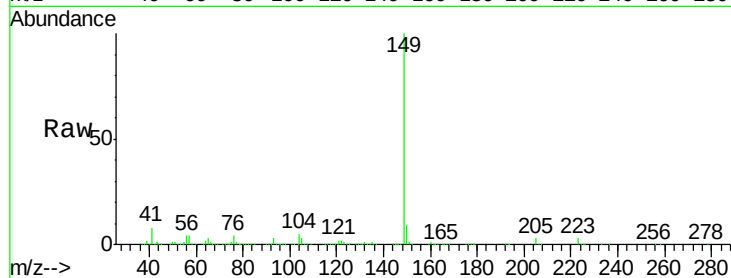
Tgt Ion:149 Resp: 958796

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

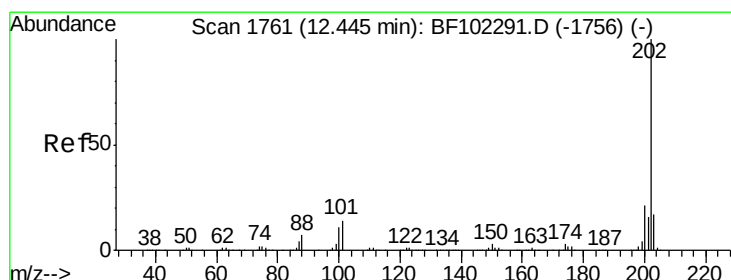
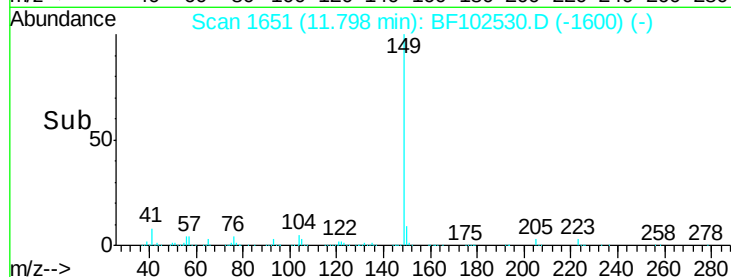
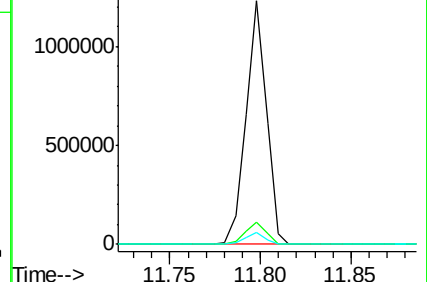
104 4.7 3.8 5.8



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: 37.801 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

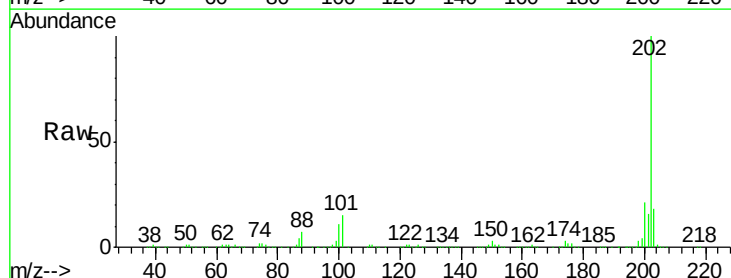
Tgt Ion:202 Resp: 752898

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

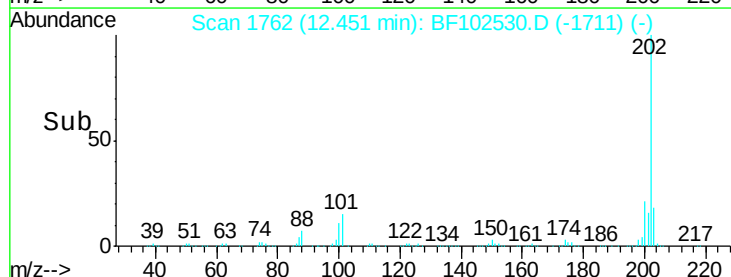
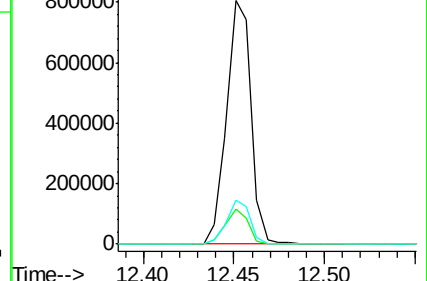
203 17.9 0.0 38.1

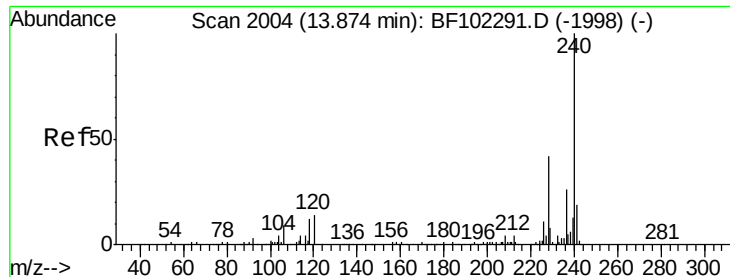


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

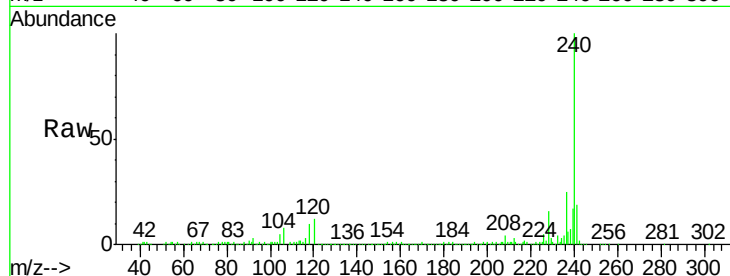
Tgt Ion:240 Resp: 265692

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

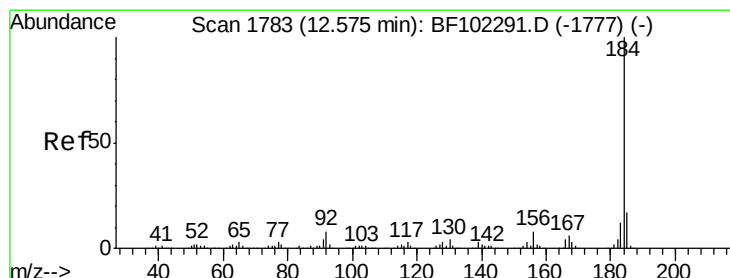
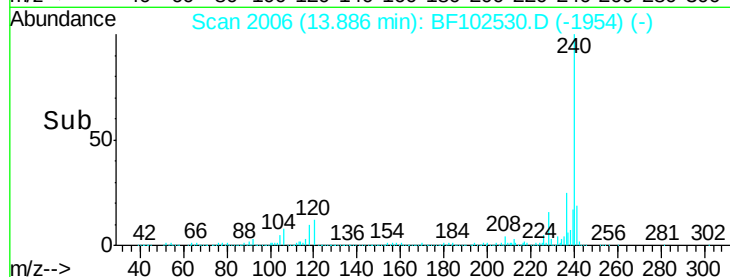
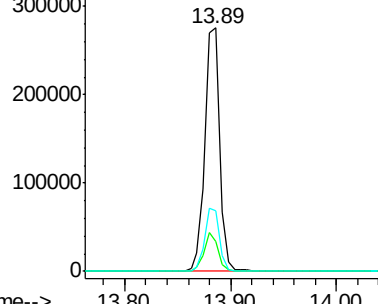
236 25.1 20.7 31.1



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



#76

Benzidine

Concen: 63.386 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

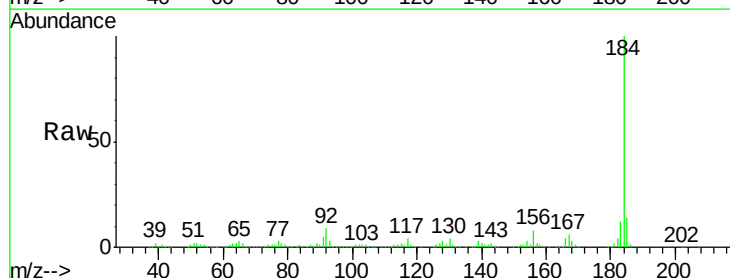
Tgt Ion:184 Resp: 565758

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

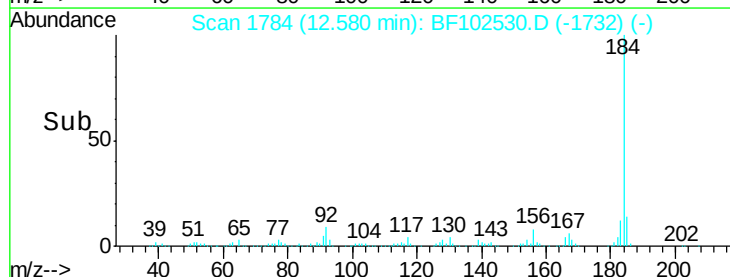
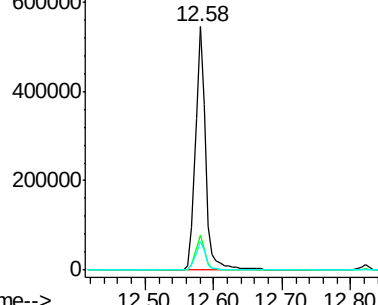
183 11.9 9.3 13.9

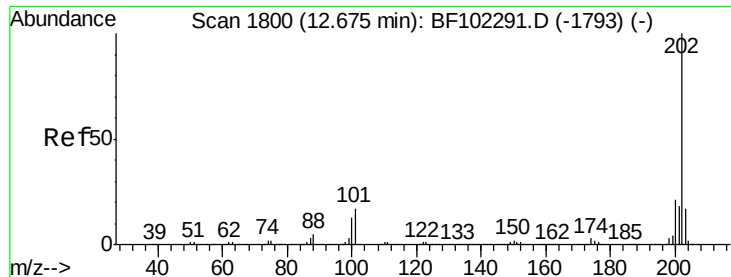


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

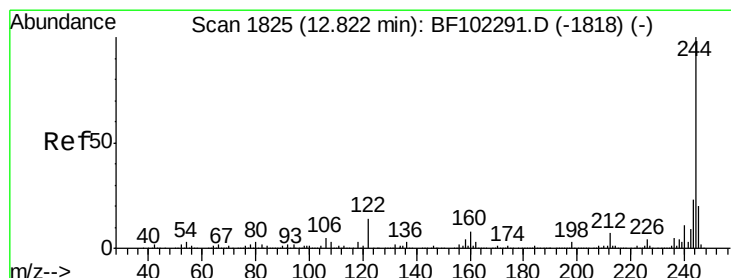
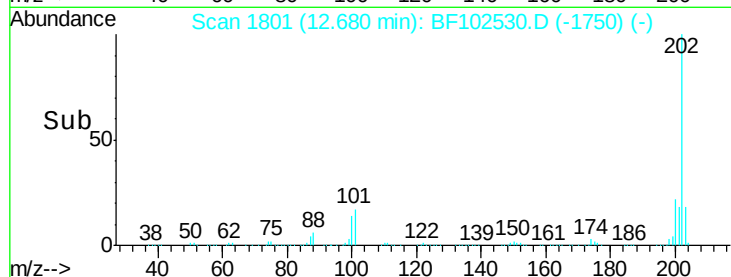
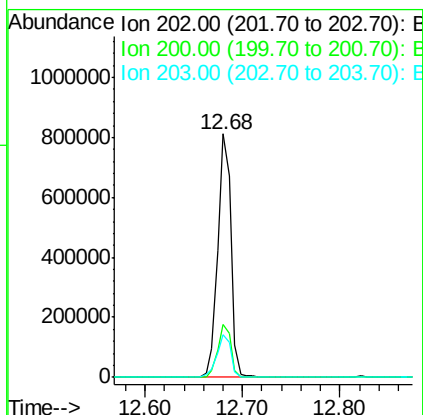
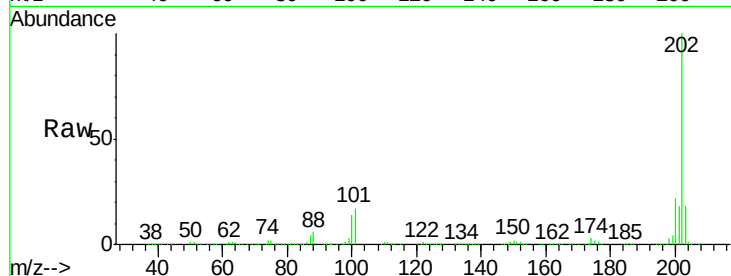




#77
 Pyrene
 Concen: 37.127 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

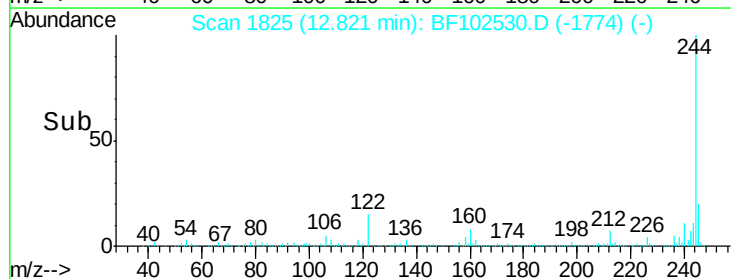
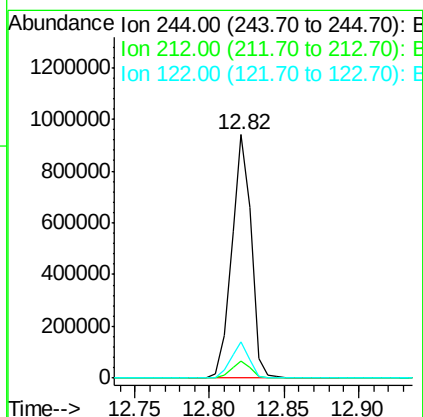
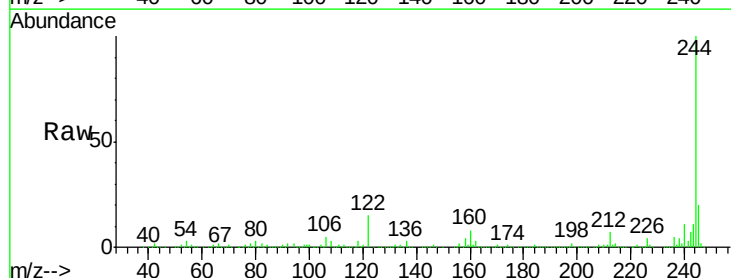
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

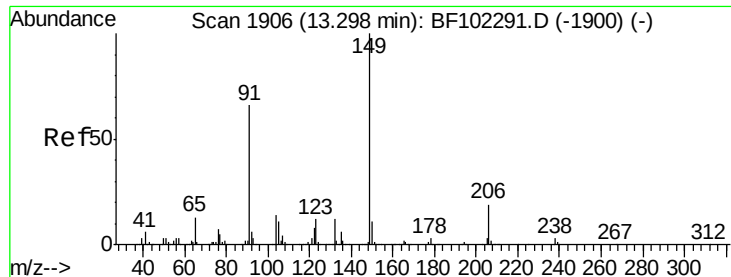
Tgt Ion: 202 Resp: 762670
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 73.369 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion: 244 Resp: 864707
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.8 11.0 16.4





#79

Butylbenzylphthalate

Concen: 35.212 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

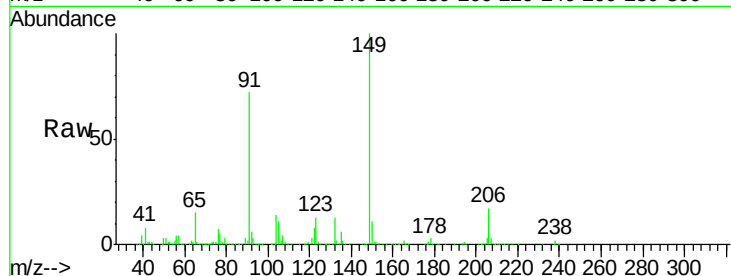
Tgt Ion:149 Resp: 359974

Ion Ratio Lower Upper

149 100

91 72.4 56.8 85.2

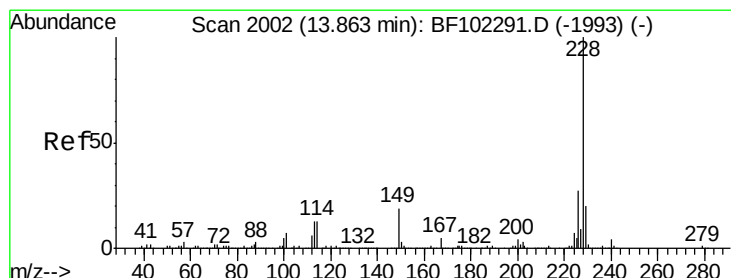
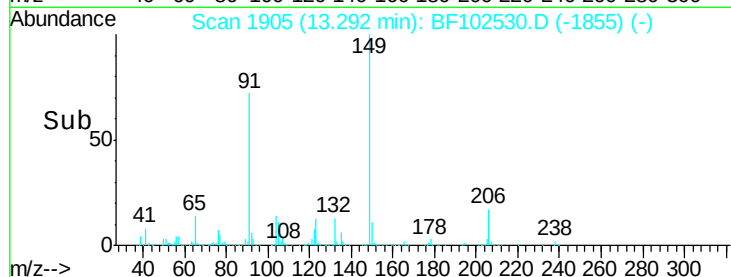
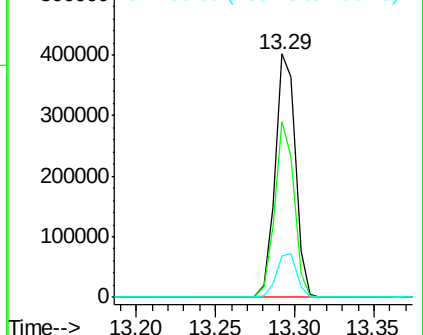
206 17.2 14.1 21.1



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: 42.496 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

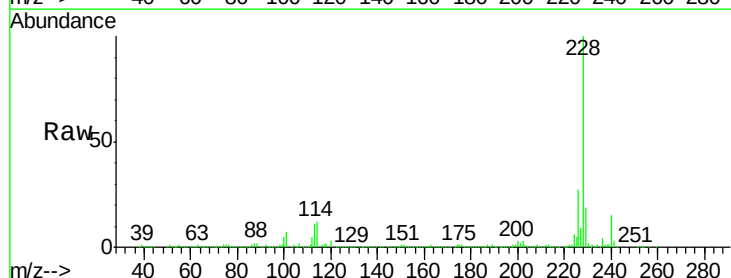
Tgt Ion:228 Resp: 695136

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

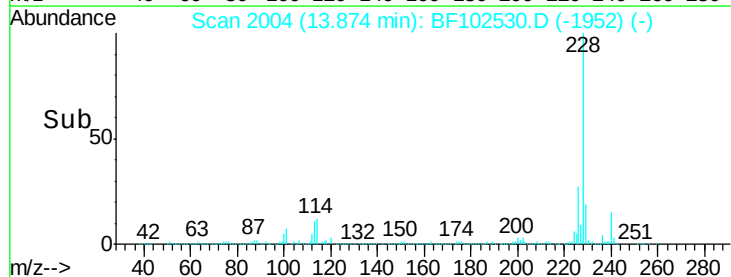
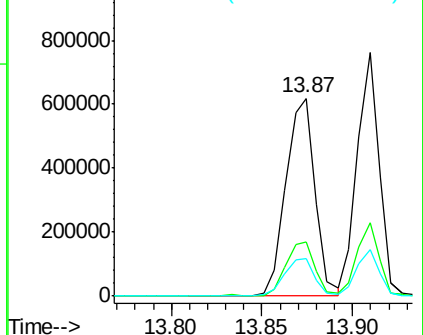
229 19.3 15.8 23.6

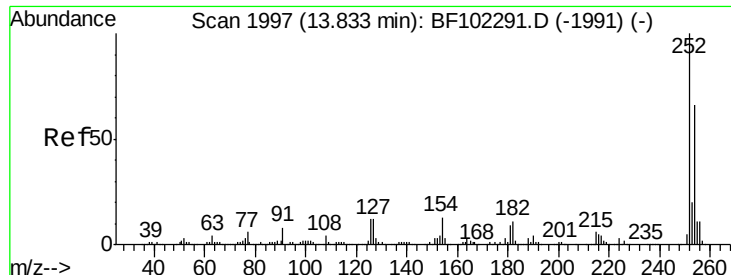


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

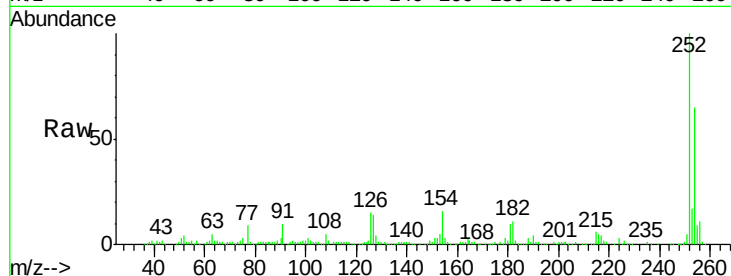




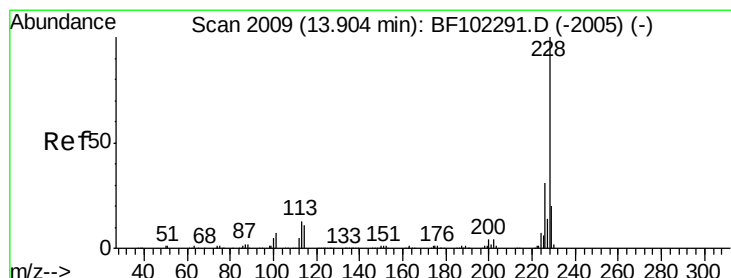
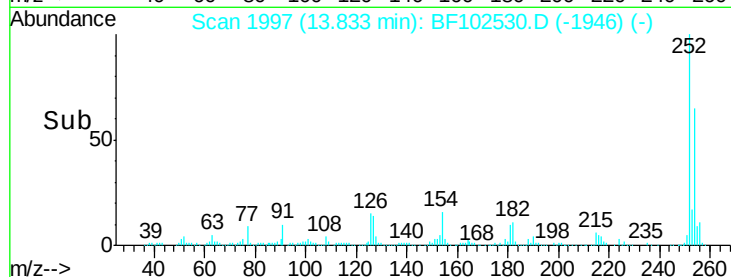
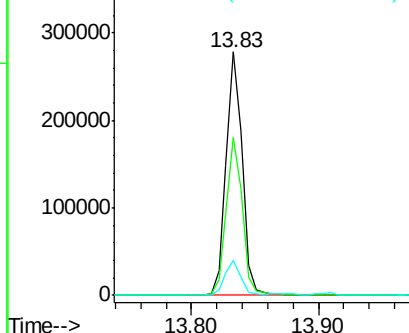
#81
 3,3'-Dichlorobenzidine
 Concen: 41.268 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	14.5	11.3	16.9

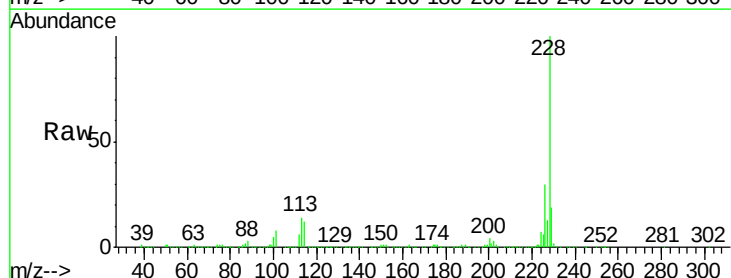


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

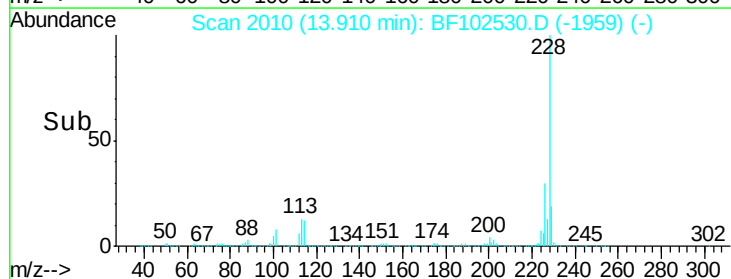
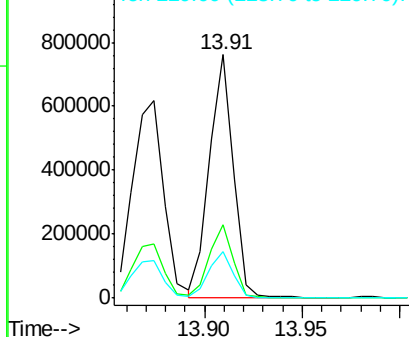


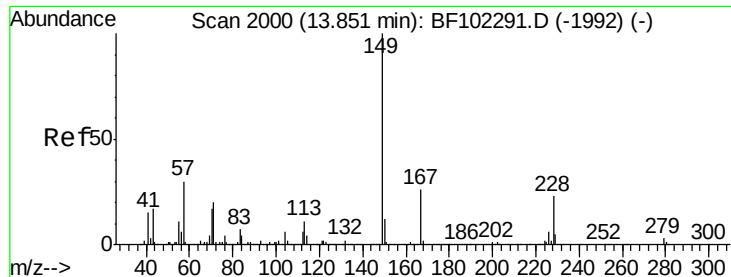
#82
 Chrysene
 Concen: 38.834 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.1	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

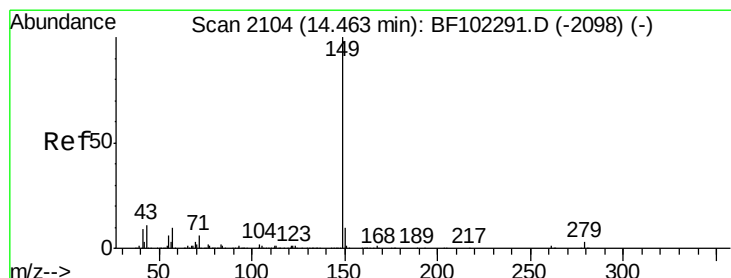
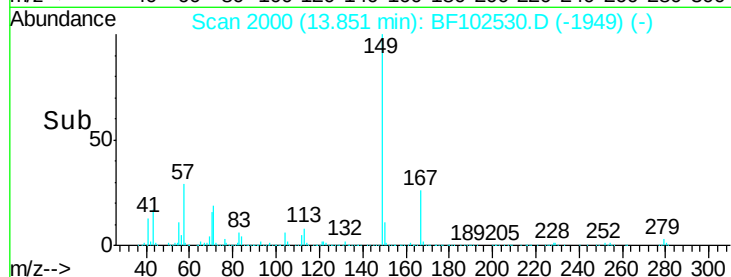
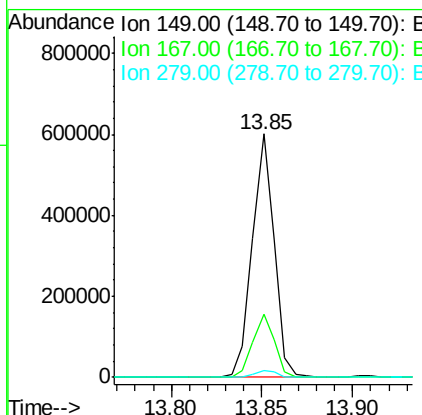
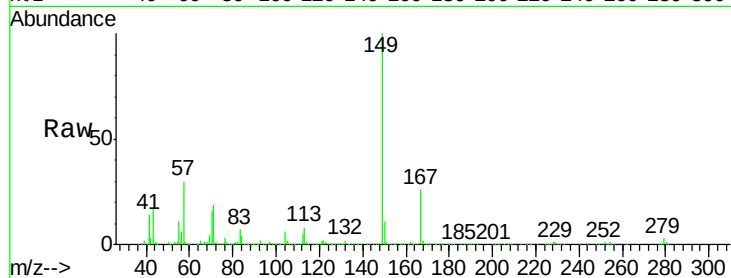




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.569 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

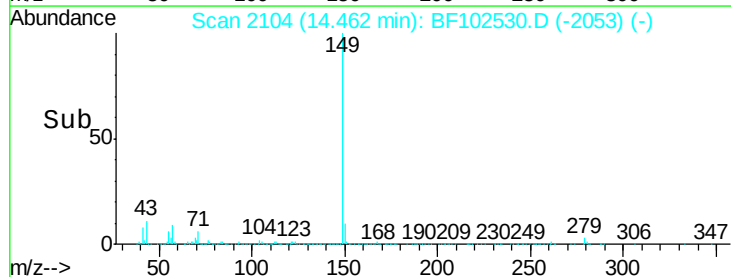
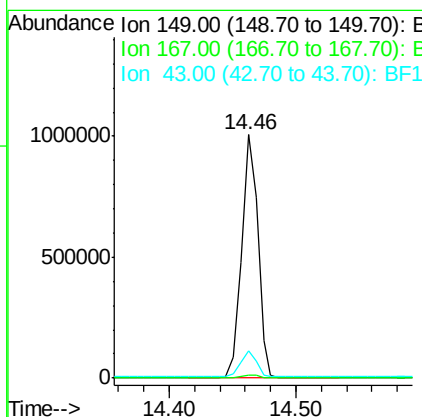
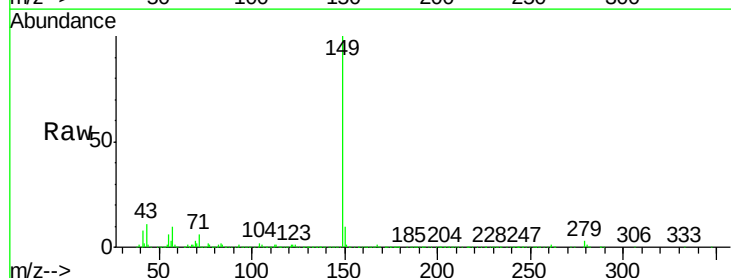
Instrument :
 BNA_F
 ClientSampleId :
 SB-51-10.5-11.0MSD

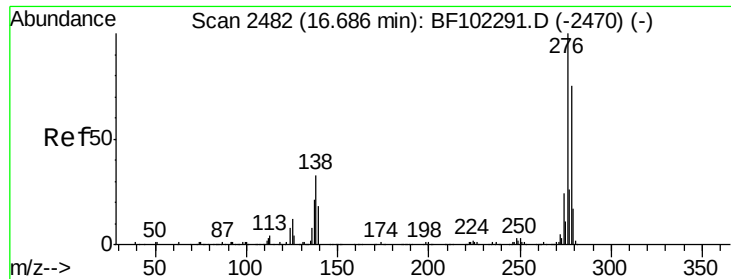
Tgt Ion:149 Resp: 502411
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 39.446 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102530.D
 Acq: 28 Jan 2018 00:18

Tgt Ion:149 Resp: 881309
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.4 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.692 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

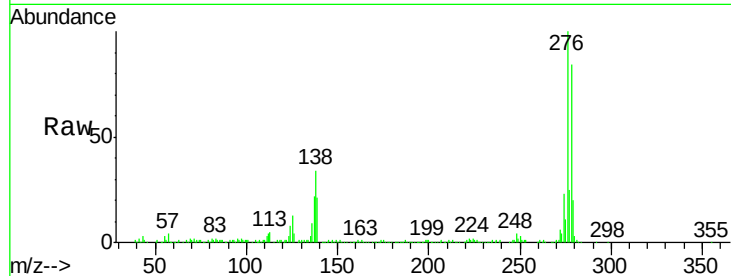
Tgt Ion:276 Resp: 448494

Ion Ratio Lower Upper

276 100

138 33.1 25.0 37.6

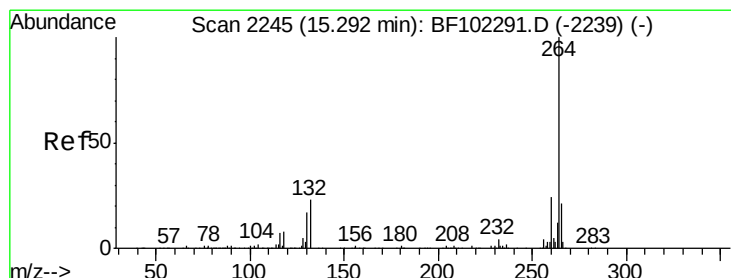
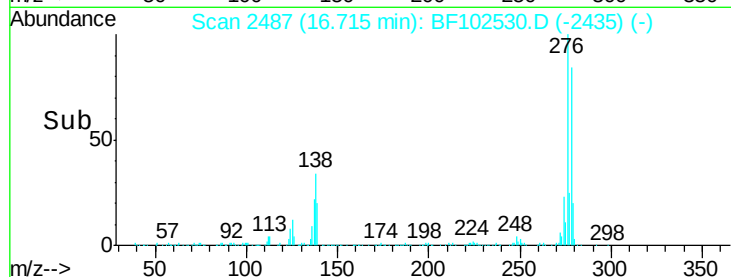
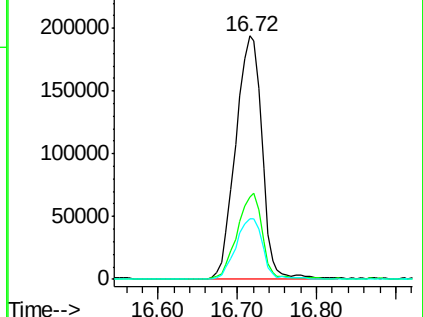
277 24.2 20.1 30.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

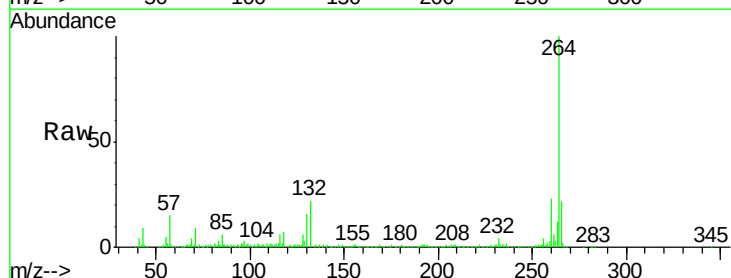
Tgt Ion:264 Resp: 222748

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

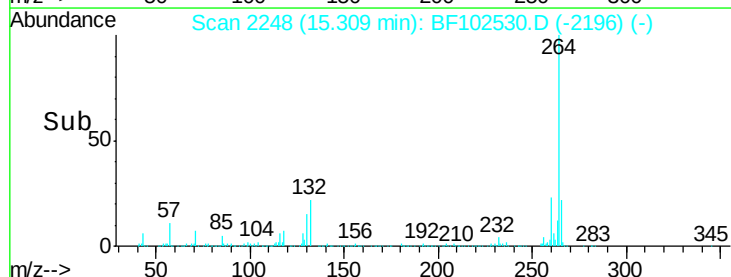
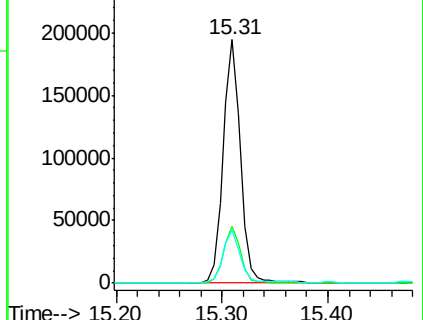
265 22.0 17.5 26.3

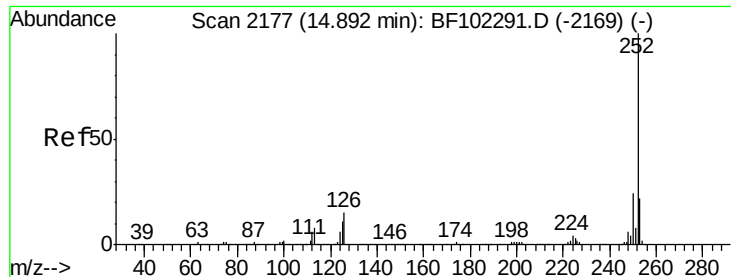


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

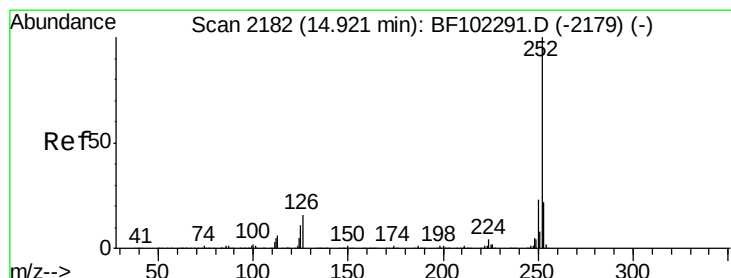
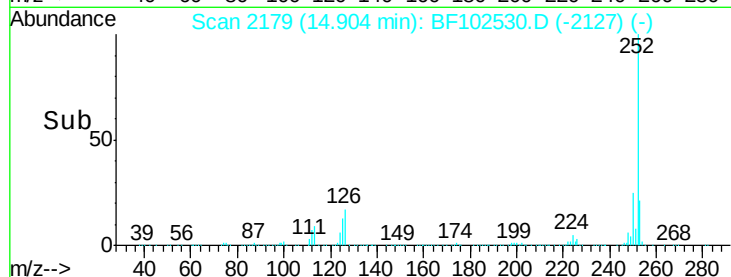
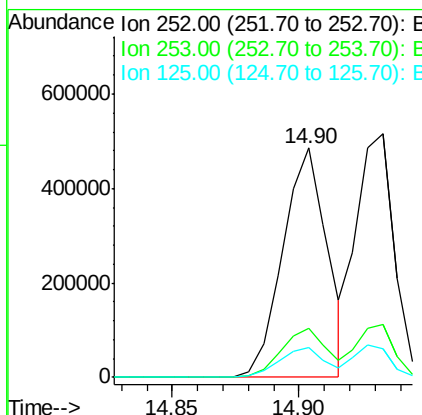
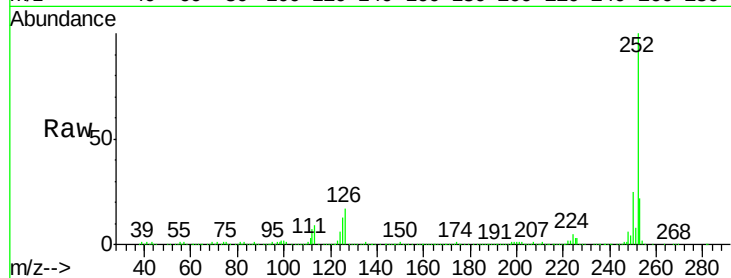




#87
Benzo(b)fluoranthene
Concen: 40.880 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

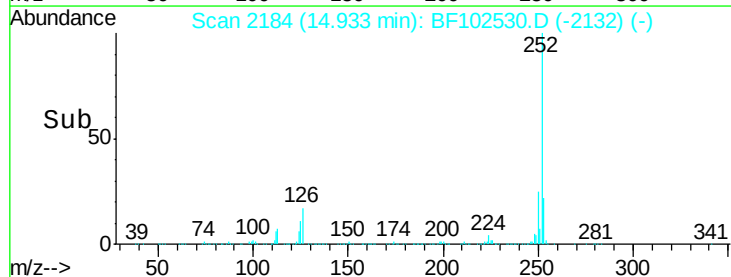
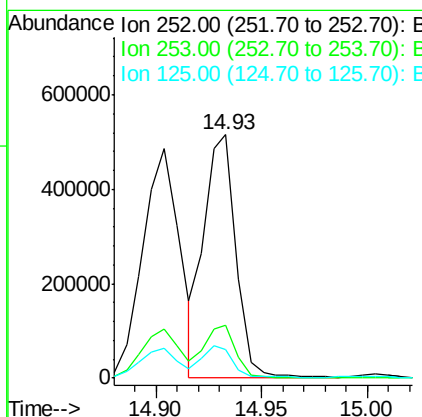
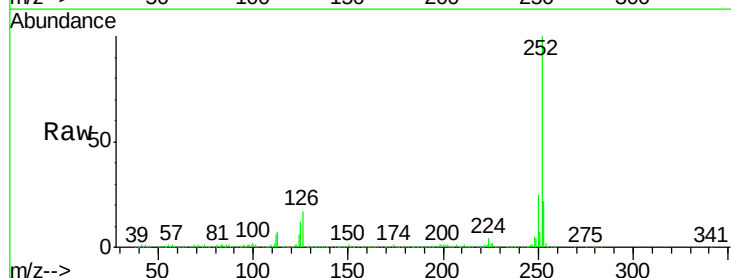
Instrument :
BNA_F
ClientSampleId :
SB-51-10.5-11.0MSD

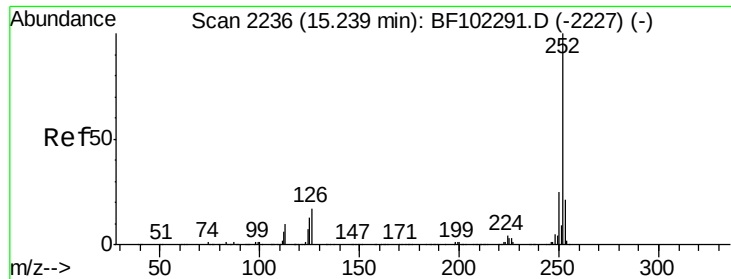
Tgt Ion:252 Resp: 590204
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.507 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF102530.D
Acq: 28 Jan 2018 00:18

Tgt Ion:252 Resp: 538878
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.509 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD

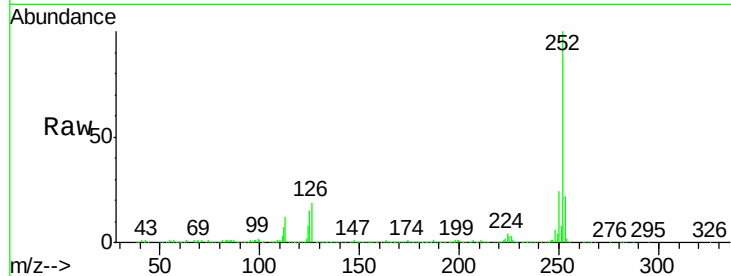
Tgt Ion:252 Resp: 514450

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

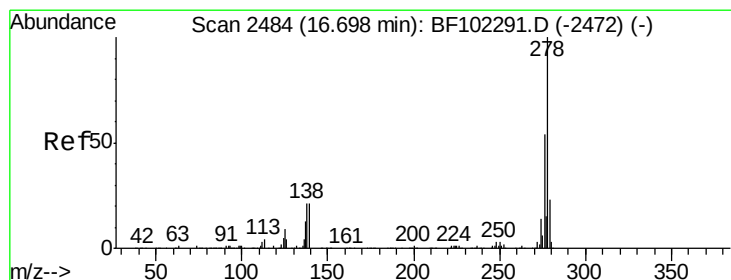
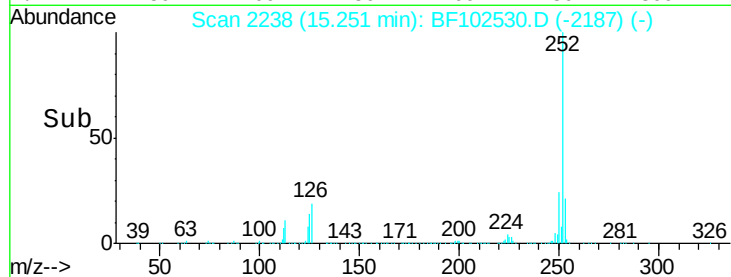
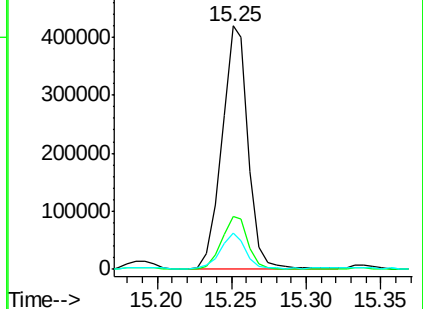
125 14.8 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 35.007 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF102530.D

Acq: 28 Jan 2018 00:18

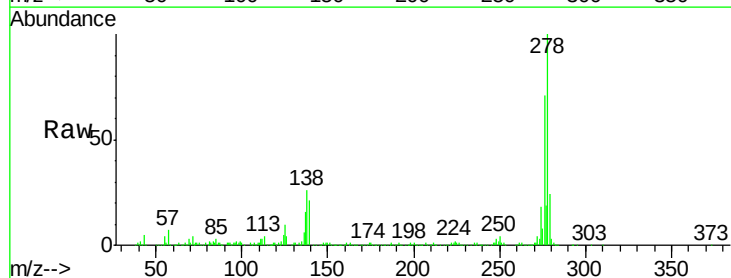
Tgt Ion:278 Resp: 369238

Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

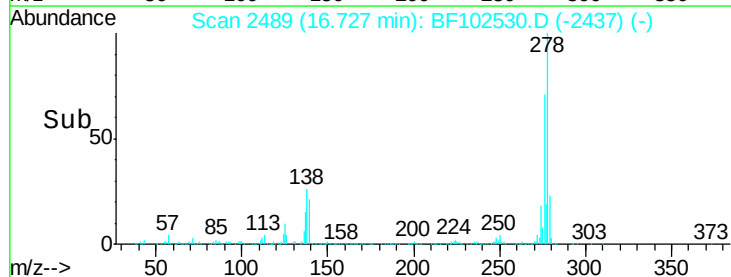
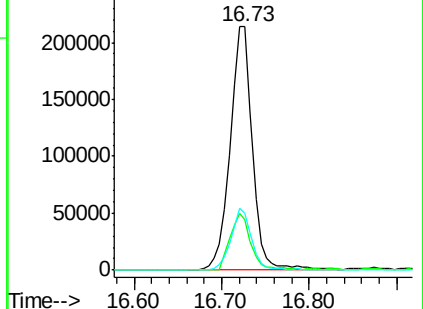
279 23.5 19.0 28.4

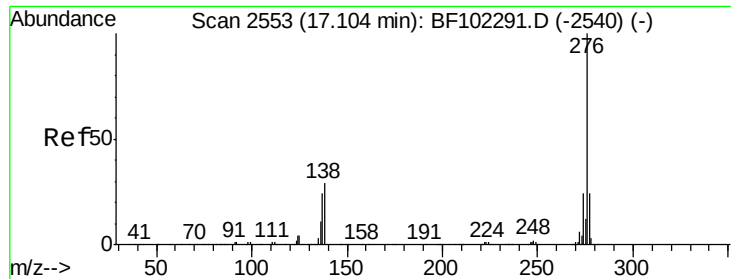


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.949 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102530.D

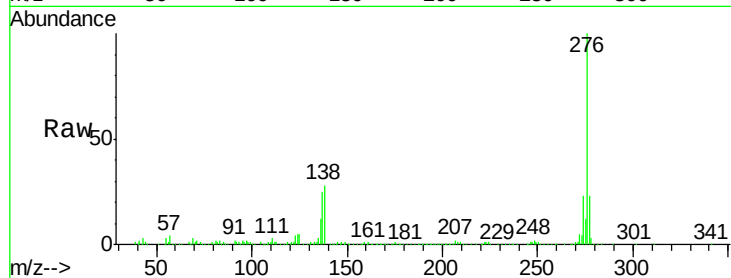
Acq: 28 Jan 2018 00:18

Instrument :

BNA_F

ClientSampleId :

SB-51-10.5-11.0MSD



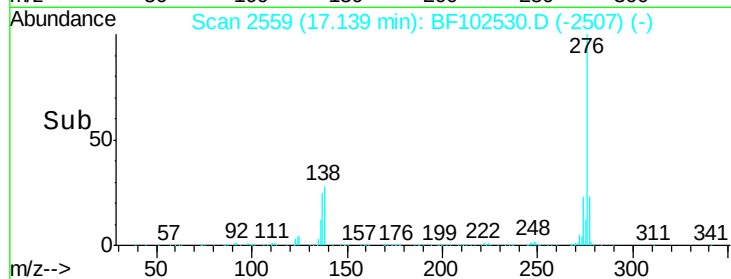
Tgt Ion: 276 Resp: 363982

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 28.5 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

