

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102030.D
 Acq On : 11 Jan 2018 20:34
 Operator : SJ/JU
 Sample : J1062-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Quant Time: Jan 11 23:43:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197784	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	779249	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	310599	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	423419	20.00	ng	0.00
75) Chrysene-d12	13.88	240	300023	20.00	ng	0.00
86) Perylene-d12	15.29	264	367284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1392970	99.45	ng	0.01
7) Phenol-d6	6.37	99	1650230	98.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	1045809	78.87	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	262095	96.69	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1574222	79.18	ng	0.00
78) Terphenyl-d14	12.83	244	957640	66.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	203774	29.152	ng	95
3) Pyridine	3.16	79	541545	28.370	ng	94
4) n-Nitrosodimethylamine	3.12	42	281957	35.272	ng	100
6) Aniline	6.39	93	246056	10.448	ng	99
8) 2-Chlorophenol	6.52	128	497919	35.445	ng	96
9) Benzaldehyde	6.27	77	110187	9.496	ng	98
10) Phenol	6.38	94	637709	33.767	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	493091	34.303	ng	96
12) 1,3-Dichlorobenzene	6.67	146	540158	33.356	ng	99
13) 1,4-Dichlorobenzene	6.75	146	543671	33.645	ng	100
14) 1,2-Dichlorobenzene	6.90	146	502554	33.602	ng	99
15) Benzyl Alcohol	6.87	79	415837	34.018	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	882956	33.321	ng	98
17) 2-Methylphenol	6.99	107	419102	33.072	ng	99
18) Hexachloroethane	7.24	117	189973	33.386	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	343645	31.379	ng	93
20) 3+4-Methylphenols	7.14	107	475603	31.258	ng	# 65
22) Acetophenone	7.14	105	681513	36.298	ng	# 88
24) Nitrobenzene	7.32	77	518772	36.407	ng	94
25) Isophorone	7.55	82	941805	35.944	ng	100
26) 2-Nitrophenol	7.63	139	269716	45.224	ng	97
27) 2,4-Dimethylphenol	7.67	122	428121	38.437	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	607974	38.429	ng	98
29) 2,4-Dichlorophenol	7.87	162	393200	37.178	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	386999	34.983	ng	96
31) Naphthalene	8.03	128	1370441	35.196	ng	100
33) 4-Chloroaniline	8.08	127	85686	5.156	ng	99
34) Hexachlorobutadiene	8.15	225	207268	35.396	ng	97
35) Caprolactam	8.45	113	119898	33.023	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	412407	35.623	ng	98
37) 2-Methylnaphthalene	8.72	142	893665	34.863	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	344149	39.165	ng	99
40) Hexachlorocyclopentadiene	8.87	237	226529	47.139	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	241200	39.833	ng	99

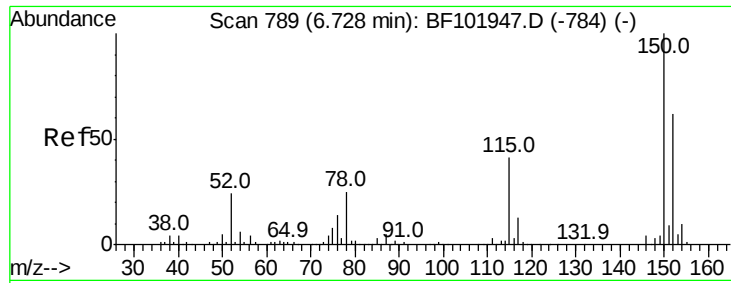
Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	248107	36.252	ng	97
45) 1,1'-Biphenyl	9.19	154	1024576	37.320	ng	99
46) 2-Chloronaphthalene	9.21	162	765524	35.958	ng	99
47) 2-Nitroaniline	9.31	65	244681	38.369	ng	98
48) Acenaphthylene	9.63	152	1124514	33.284	ng	99
49) Dimethylphthalate	9.49	163	1052231	42.230	ng	99
50) 2,6-Dinitrotoluene	9.55	165	190393	38.254	ng	96
51) Acenaphthene	9.80	154	670140	32.679	ng	99
52) 3-Nitroaniline	9.72	138	119889	19.086	ng	95
53) 2,4-Dinitrophenol	9.82	184	87850	49.847	ng	# 21
54) Dibenzofuran	9.97	168	983270	34.937	ng	99
55) 4-Nitrophenol	9.88	139	290668	62.094	ng	95
56) 2,4-Dinitrotoluene	9.95	165	233809	37.480	ng	97
57) Fluorene	10.31	166	687396	35.332	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	174951	35.907	ng	99
59) Diethylphthalate	10.19	149	840334	33.905	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	301956	36.448	ng	96
61) 4-Nitroaniline	10.33	138	154602	25.934	ng	90
62) Azobenzene	10.46	77	913169	37.031	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	67424	31.523	ng	85
65) n-Nitrosodiphenylamine	10.42	169	636669	40.155	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	187502	41.933	ng	96
67) Hexachlorobenzene	10.85	284	181049	37.089	ng	97
68) Atrazine	10.95	200	189378	41.330	ng	98
69) Pentachlorophenol	11.05	266	191493	64.331	ng	98
70) Phenanthrene	11.27	178	884358	35.756	ng	98
71) Anthracene	11.32	178	891459	35.539	ng	99
72) Carbazole	11.47	167	798851	32.401	ng	100
73) Di-n-butylphthalate	11.81	149	1104162	36.503	ng	100
74) Fluoranthene	12.45	202	773075	31.769	ng	98
76) Benzidine	12.58	184	214586	14.812	ng	97
77) Pyrene	12.68	202	779514	29.393	ng	100
79) Butylbenzylphthalate	13.30	149	381777	31.368	ng	99
80) Benzo(a)anthracene	13.87	228	662844	34.627	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	220507	31.111	ng	97
82) Chrysene	13.90	228	676933	33.914	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	460193	32.961	ng	# 98
84) Di-n-octyl phthalate	14.48	149	947819	40.910	ng	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	816852	56.227	ng	96
87) Benzo(b)fluoranthene	14.89	252	784165	32.744	ng	98
88) Benzo(k)fluoranthene	14.92	252	737612	31.928	ng	98
89) Benzo(a)pyrene	15.24	252	771969	35.822	ng	97
90) Dibenzo(a,h)anthracene	16.70	278	695144	40.421	ng	98
91) Benzo(g,h,i)perylene	17.09	276	657588	37.959	ng	96

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

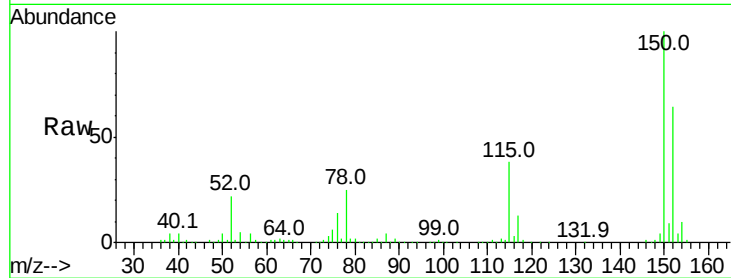


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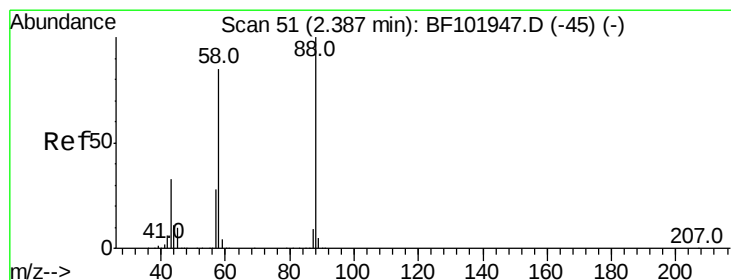
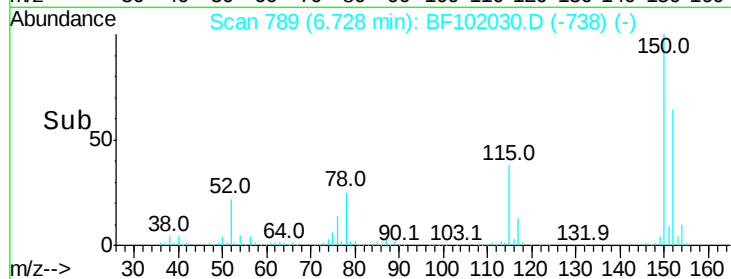
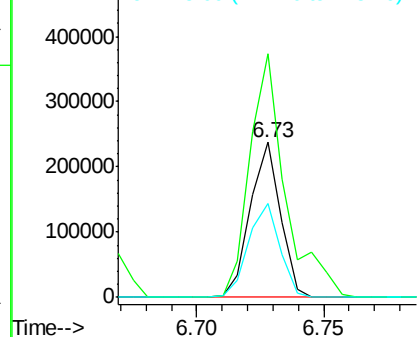
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion:152 Resp: 197784
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.3 50.1 75.1



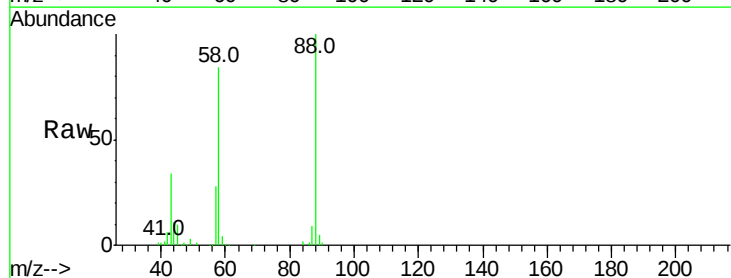
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



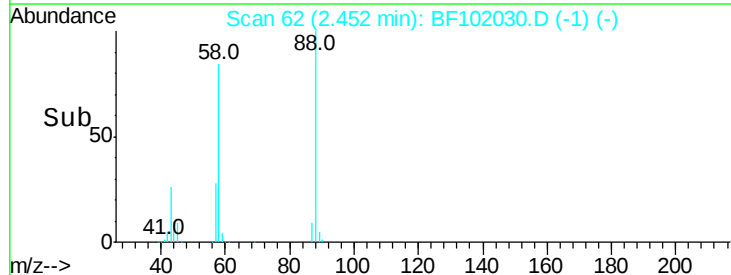
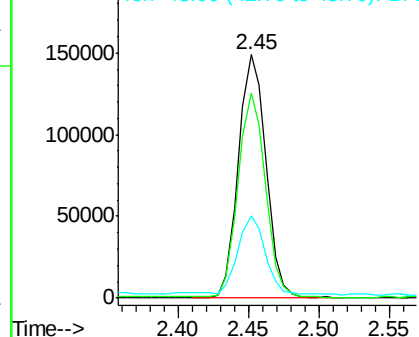
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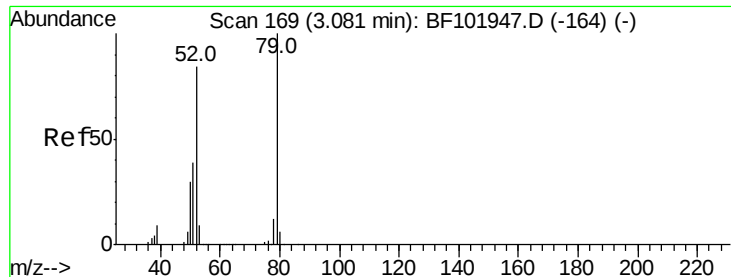
1,4-Dioxane
Concen: 29.152 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.06 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion: 88 Resp: 203774
Ion Ratio Lower Upper
88 100
58 82.7 62.6 93.8
43 32.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.370 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.06 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

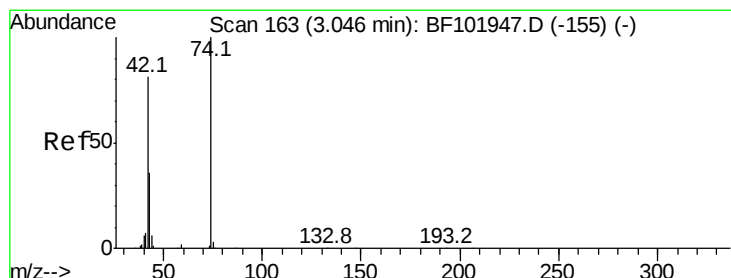
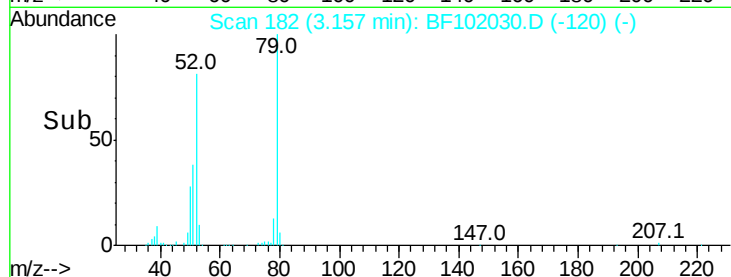
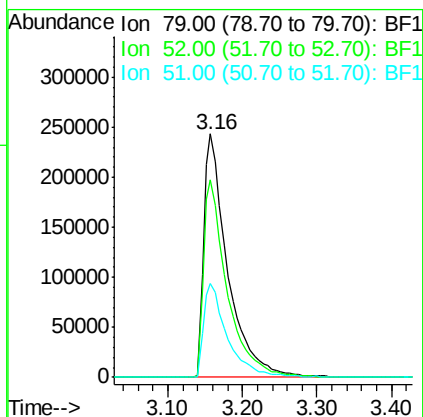
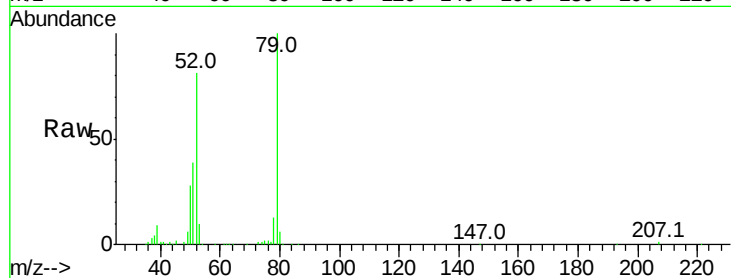
Tot Ion: 79 Resp: 541545

Ion Ratio Lower Upper

79 100

52 81.1 59.8 89.6

51 38.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.272 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.06 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

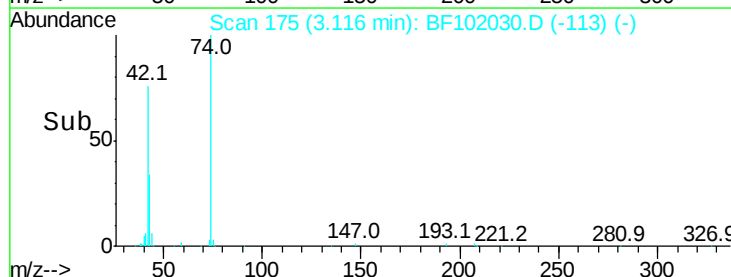
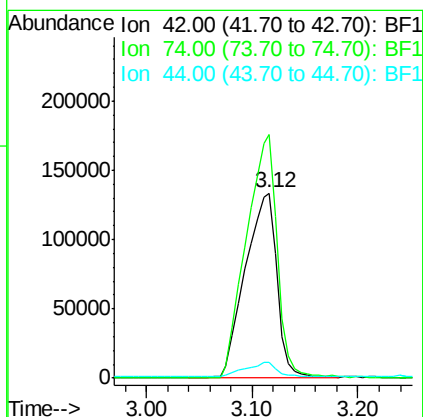
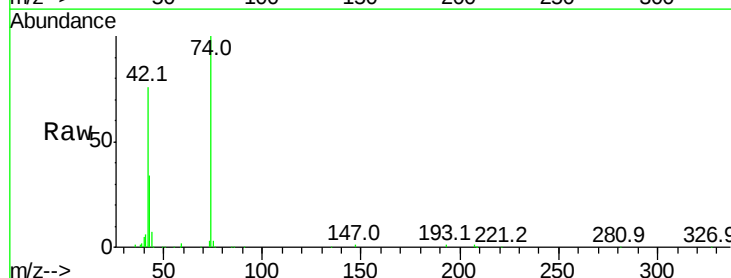
Tgt Ion: 42 Resp: 281957

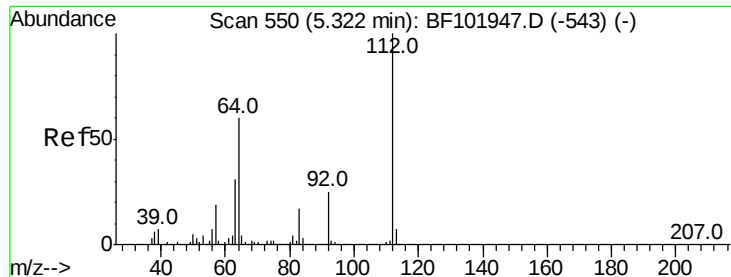
Ion Ratio Lower Upper

42 100

74 131.5 104.9 157.3

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 99.451 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

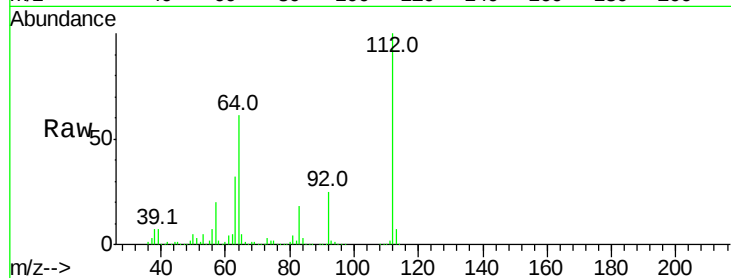
Tot Ion:112 Resp: 1392970

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

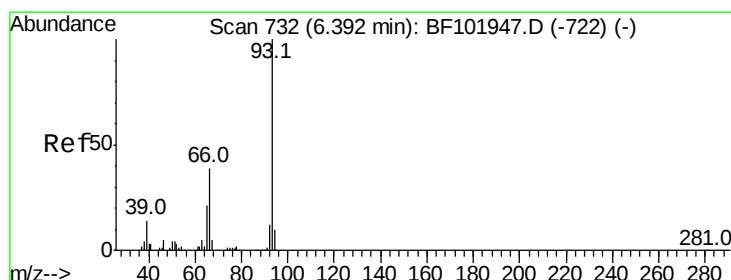
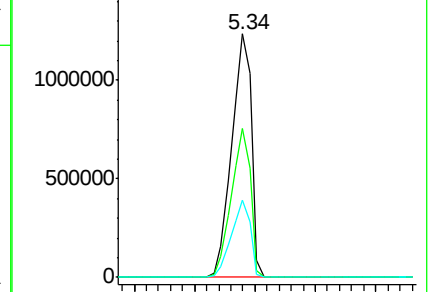
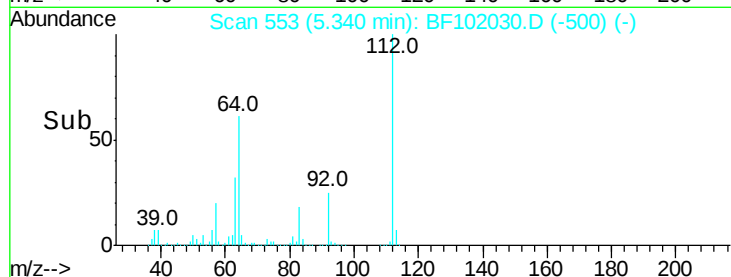
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.448 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

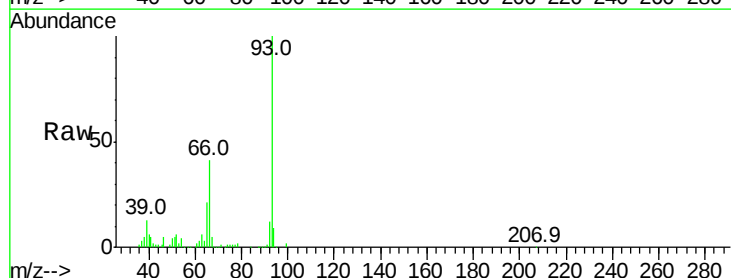
Tgt Ion: 93 Resp: 246056

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

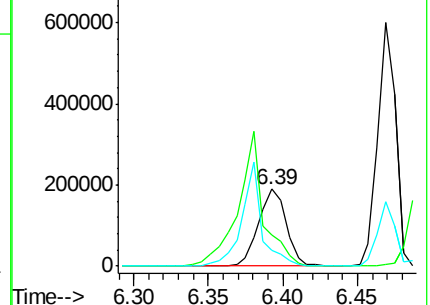
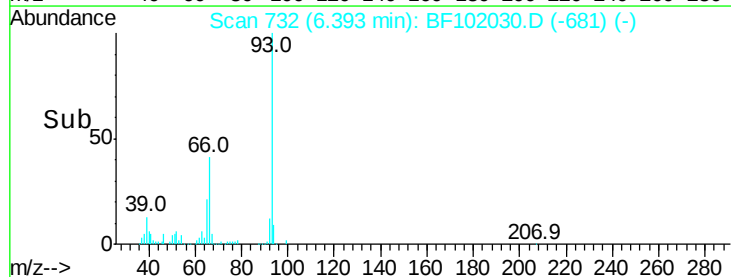
65 21.1 16.4 24.6

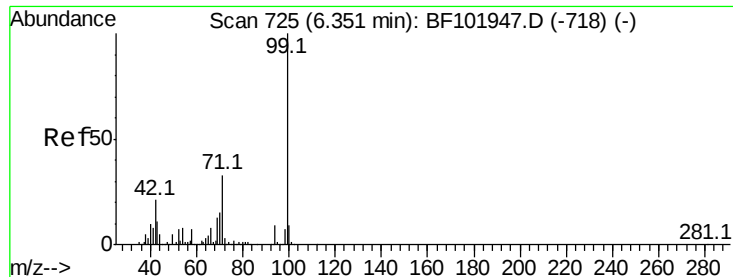


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.750 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

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ClientSampleId :

SB-27-COMPMSD

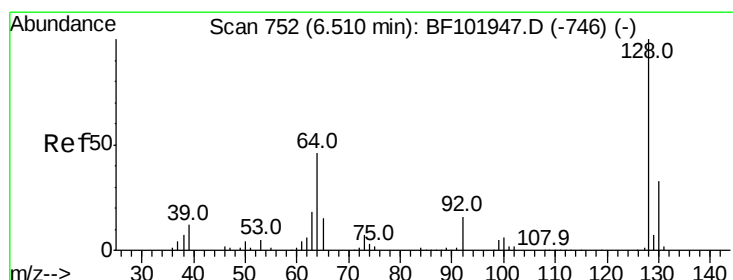
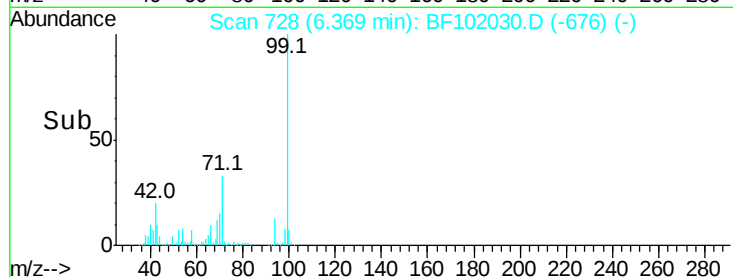
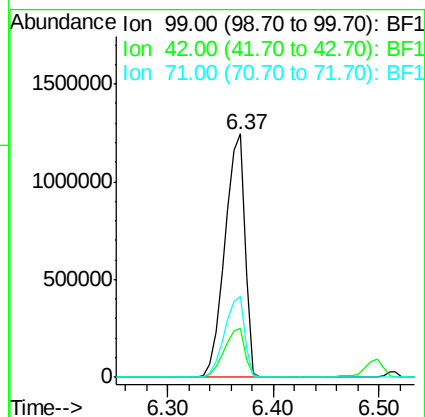
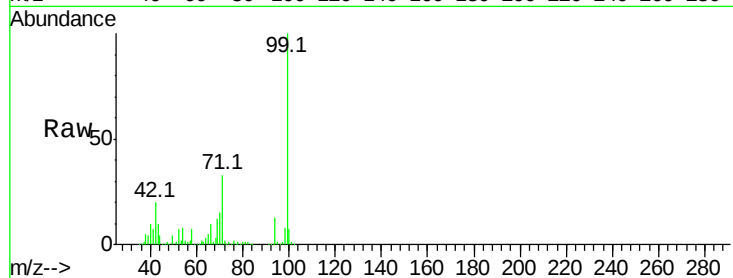
Tot Ion: 99 Resp: 1650230

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 35.445 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

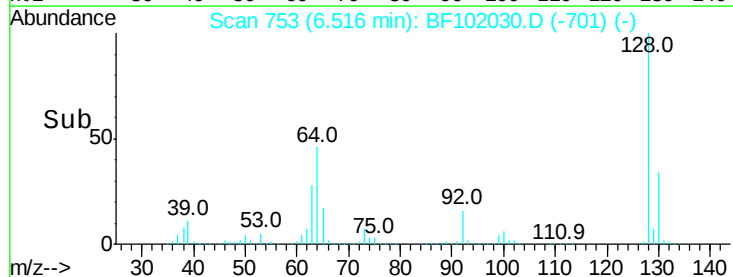
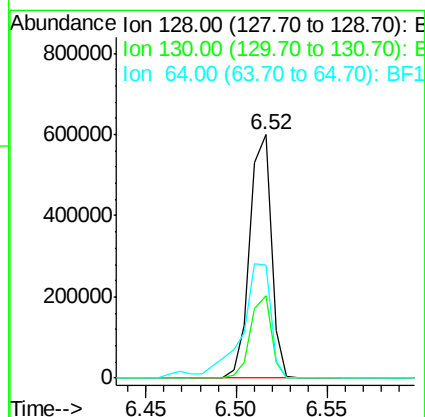
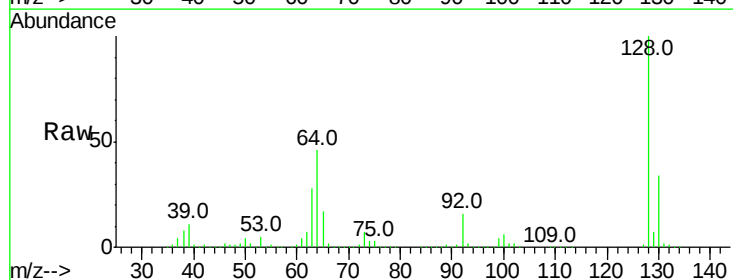
Tgt Ion: 128 Resp: 497919

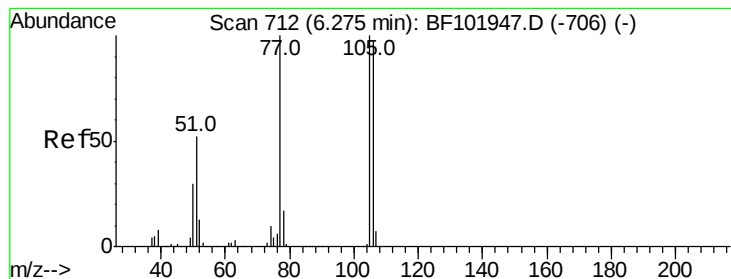
Ion Ratio Lower Upper

128 100

130 34.0 13.0 53.0

64 46.2 29.4 69.4





#9

Benzaldehyde

Concen: 9.496 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

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ClientSampleId :

SB-27-COMPMSD

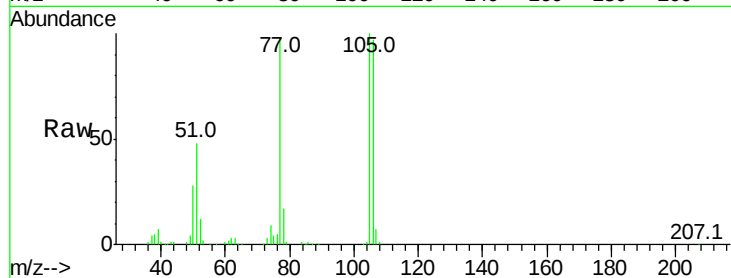
Tot Ion: 77 Resp: 110187

Ion Ratio Lower Upper

77 100

105 101.5 81.1 121.1

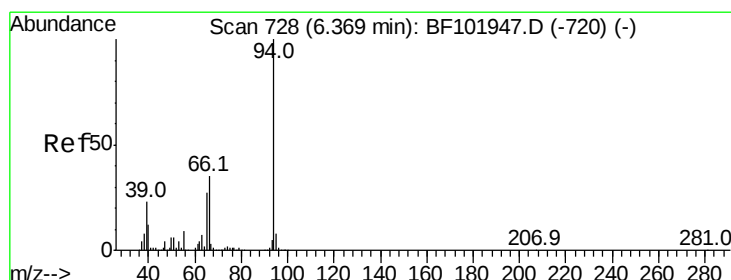
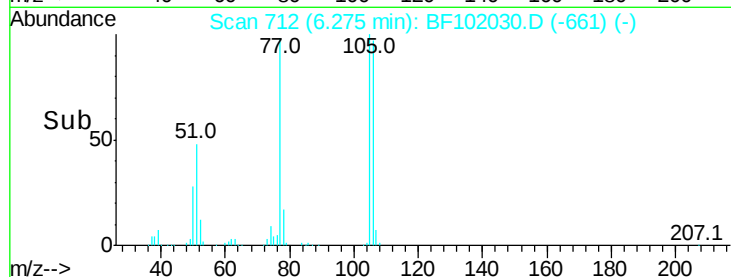
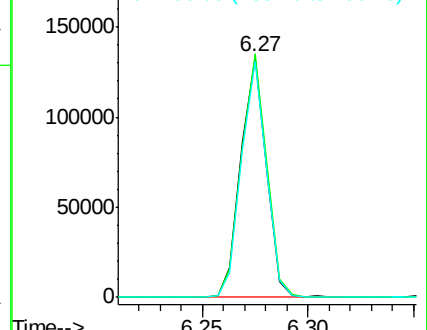
106 98.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.767 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

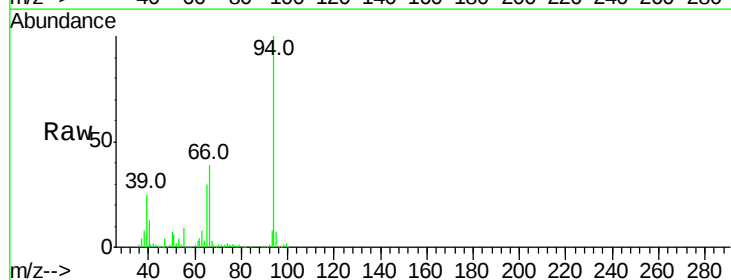
Tgt Ion: 94 Resp: 637709

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

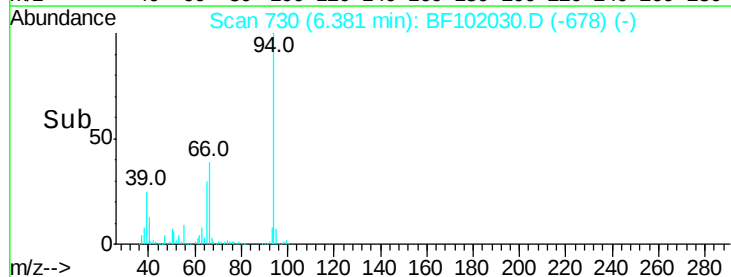
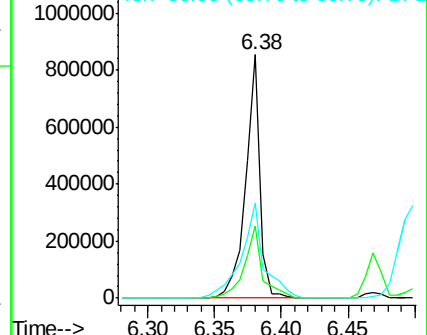
66 39.0 16.2 56.2

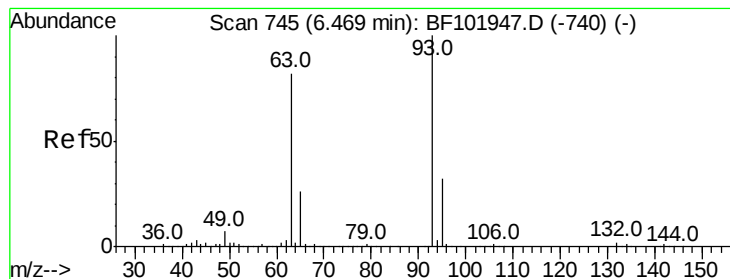


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.303 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

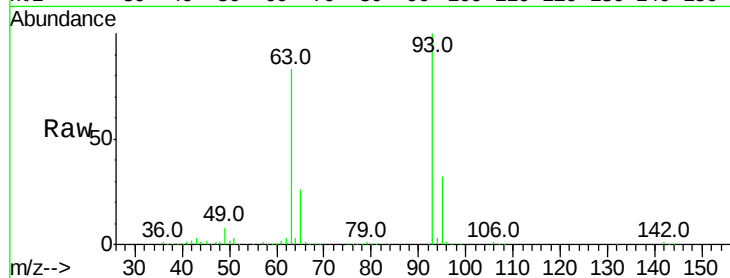
Tot Ion: 93 Resp: 493091

Ion Ratio Lower Upper

93 100

63 82.6 58.6 98.6

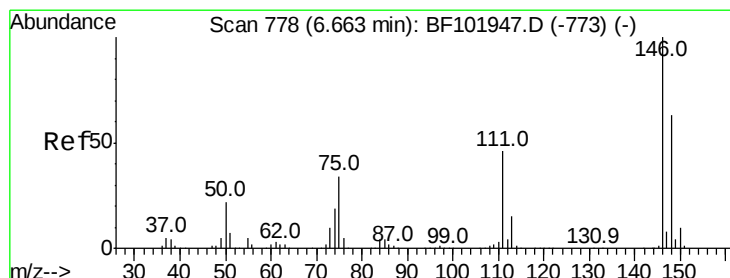
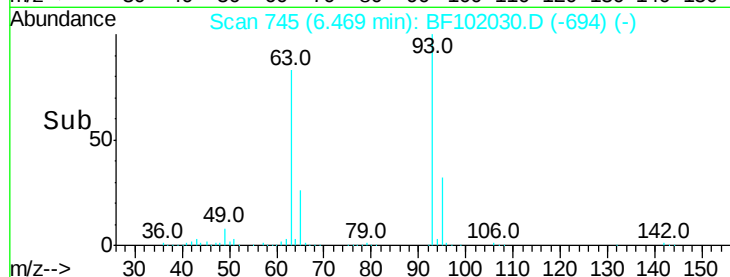
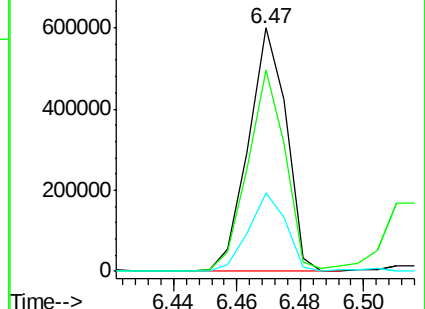
95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.356 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

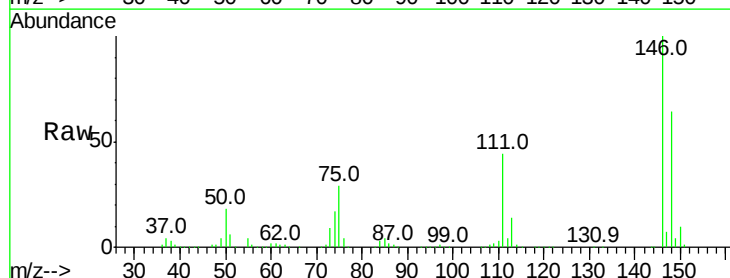
Tgt Ion: 146 Resp: 540158

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

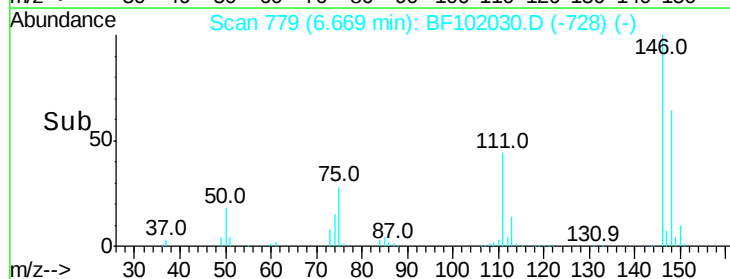
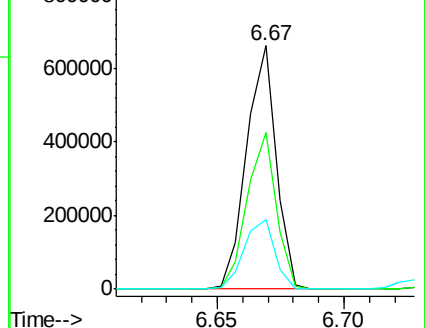
75 28.8 24.2 36.4

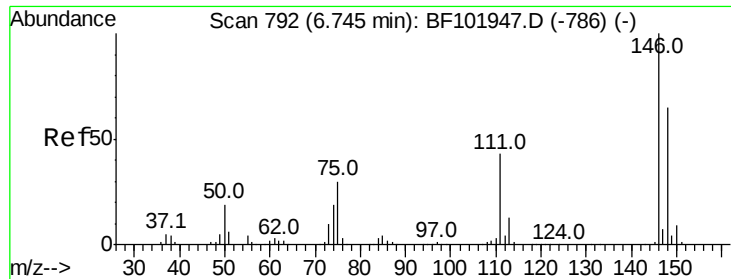


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

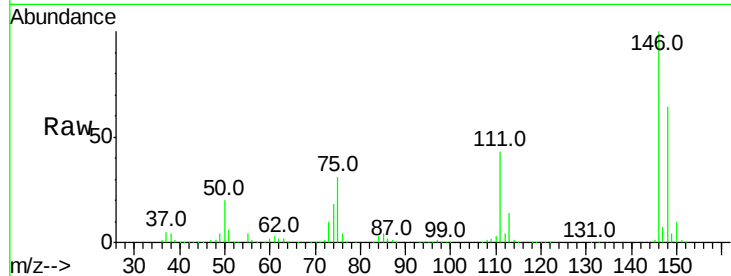




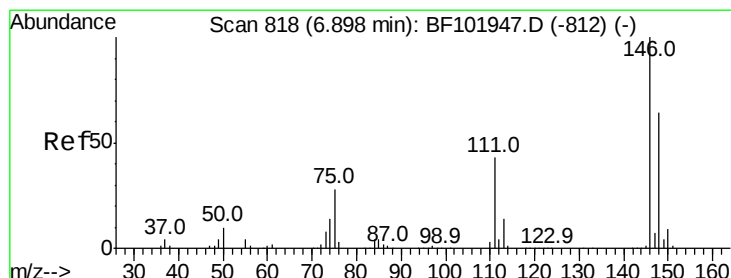
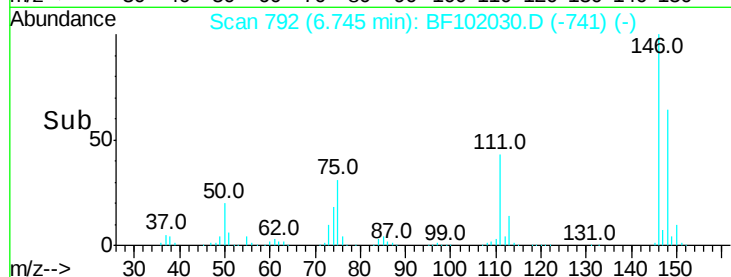
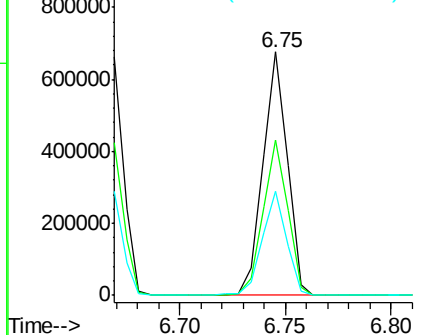
#13
 1,4-Dichlorobenzene
 Concen: 33.645 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion:146 Resp: 543671
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.9 34.2 51.2

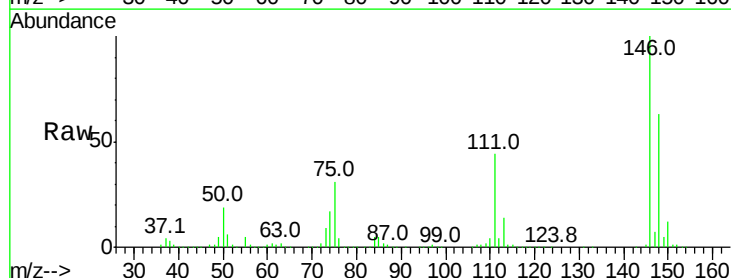


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

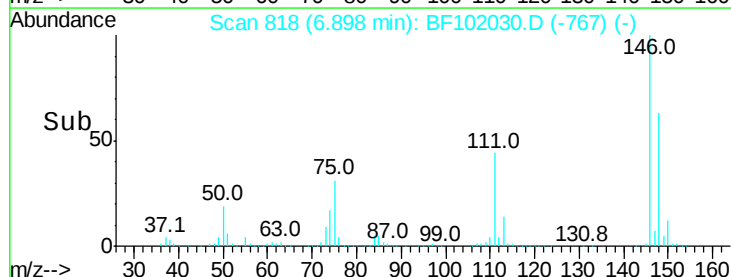
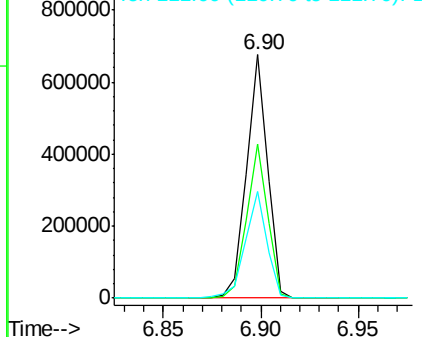


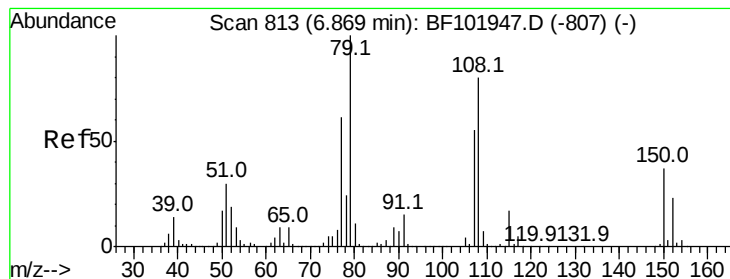
#14
 1,2-Dichlorobenzene
 Concen: 33.602 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion:146 Resp: 502554
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.7 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 34.018 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

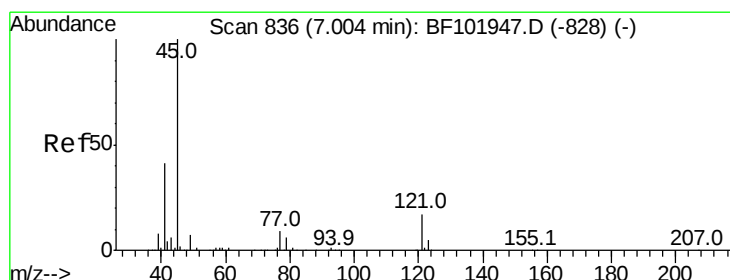
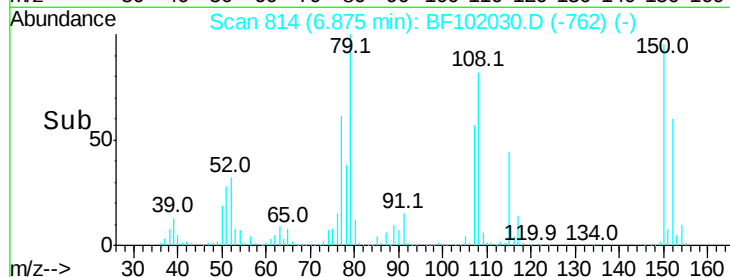
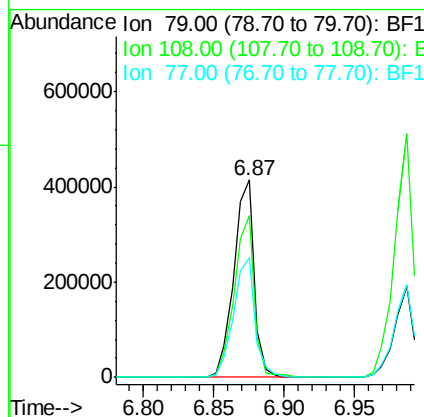
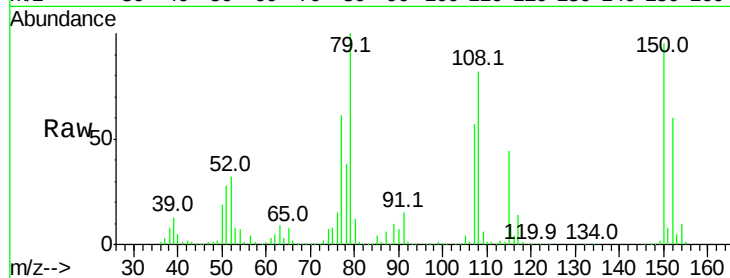
Tot Ion: 79 Resp: 415837

Ion Ratio Lower Upper

79 100

108 82.2 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.321 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

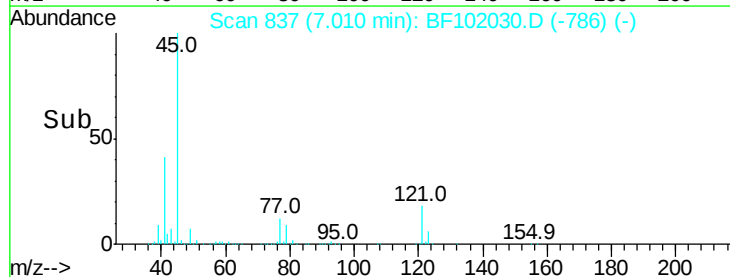
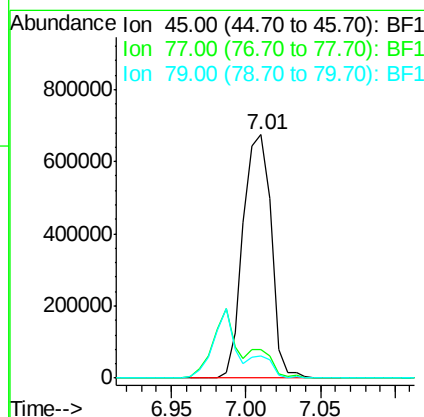
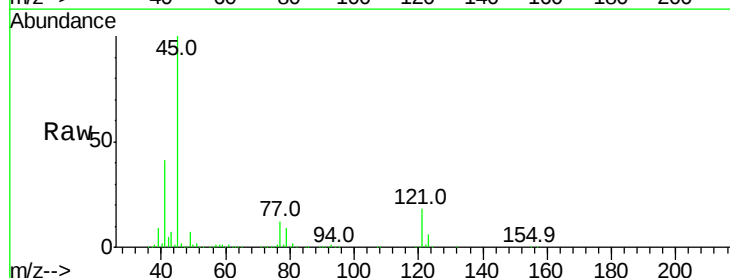
Tgt Ion: 45 Resp: 882956

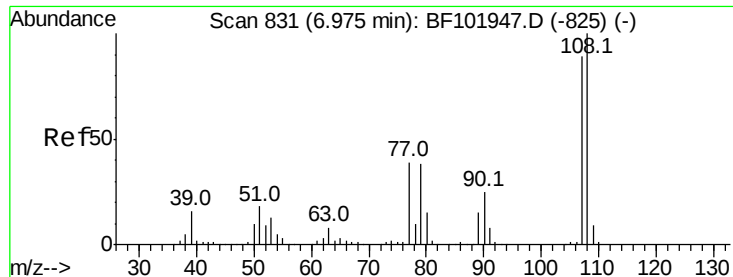
Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.9

79 9.2 0.0 29.6

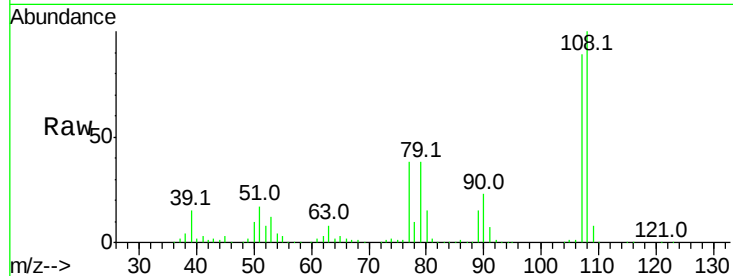




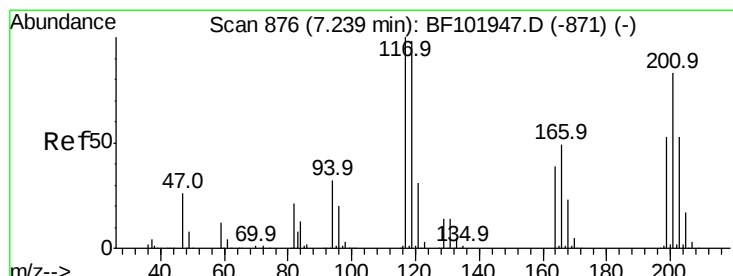
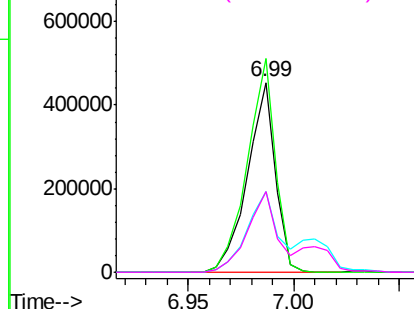
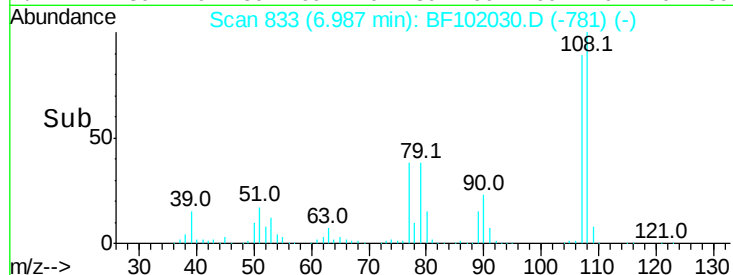
#17
2-Methylphenol
Concen: 33.072 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion:107 Resp: 419102
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 42.5 33.8 50.8
79 42.4 33.8 50.8

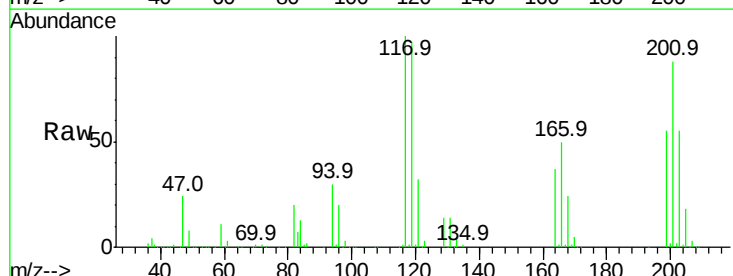


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

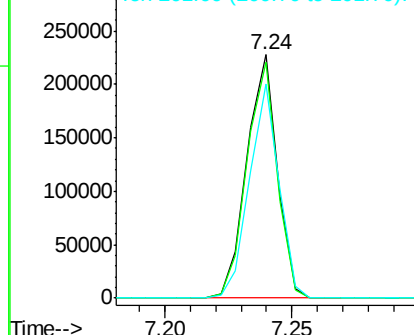
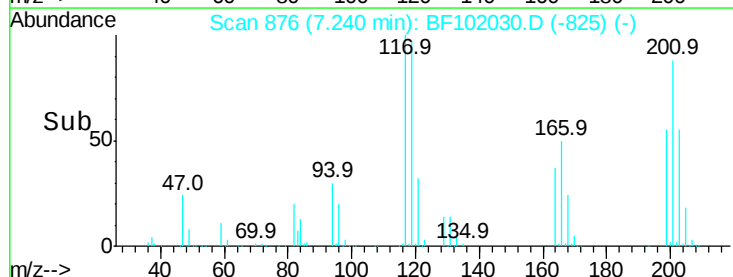


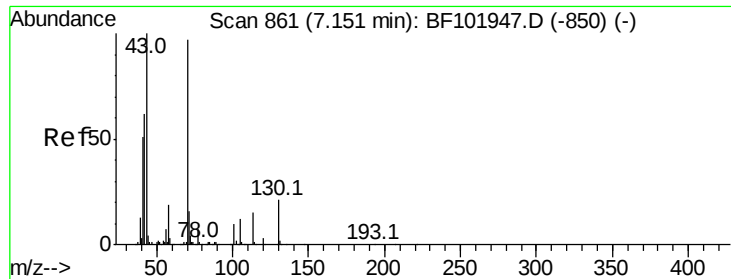
#18
Hexachloroethane
Concen: 33.386 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:117 Resp: 189973
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 87.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

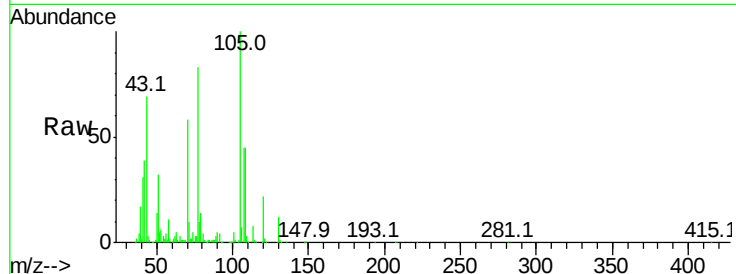




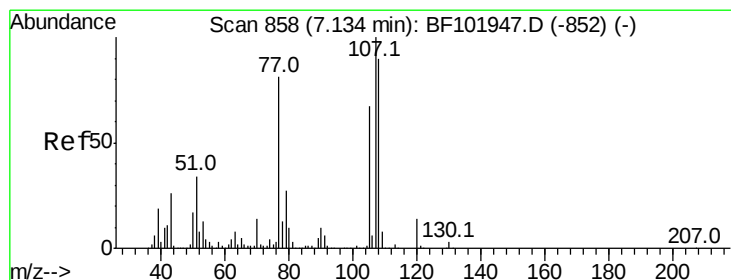
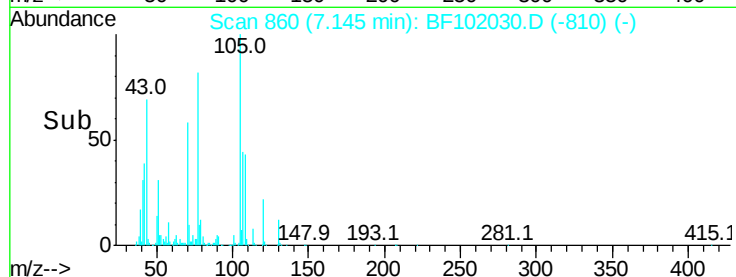
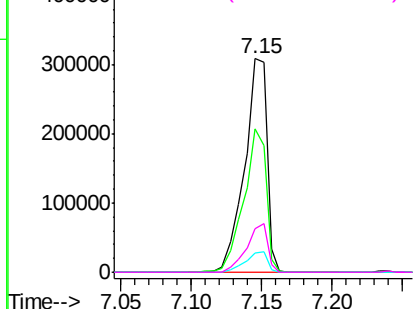
#19
n-Nitroso-di-n-propylamine
Concen: 31.379 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion: 70 Resp: 343645
Ion Ratio Lower Upper
70 100
42 66.9 47.5 71.3
101 9.0 7.4 11.2
130 20.4 16.6 25.0



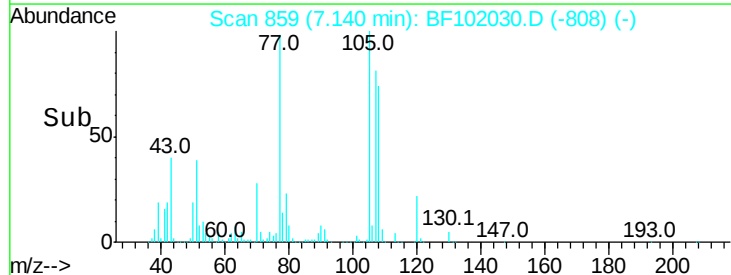
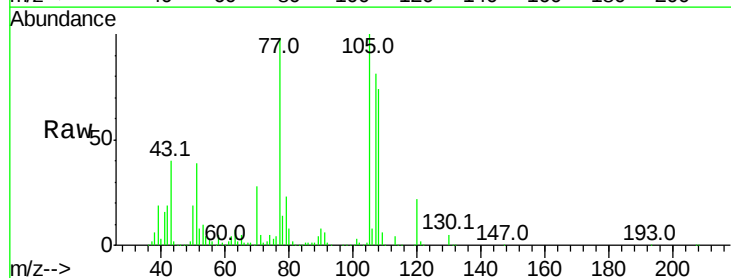
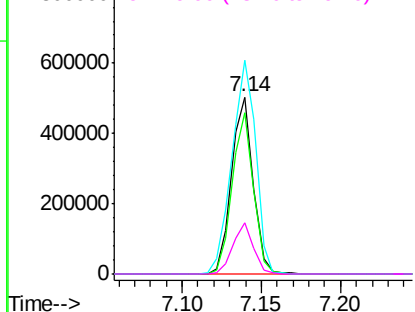
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

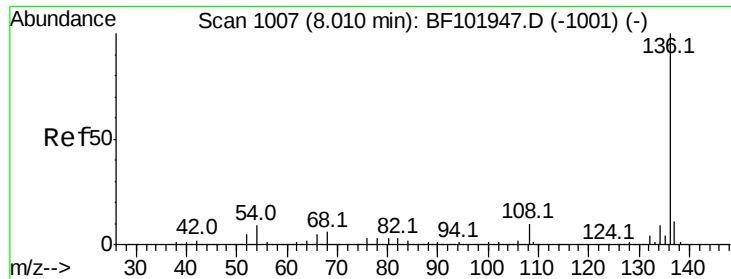


#20
3+4-Methylphenols
Concen: 31.258 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:107 Resp: 475603
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 120.8 26.7 66.7#
79 28.7 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:136 Resp: 779249

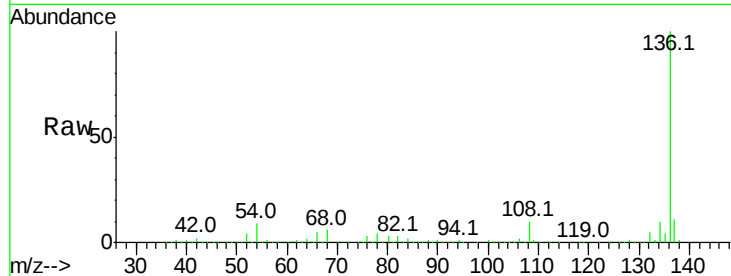
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4

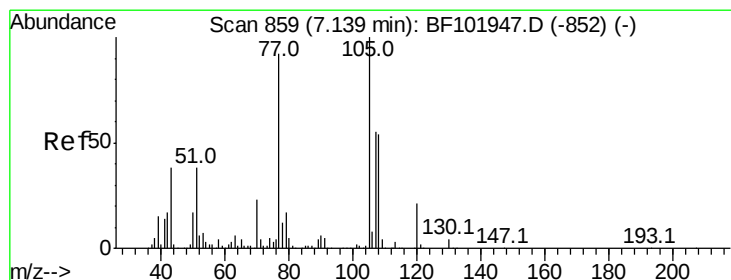
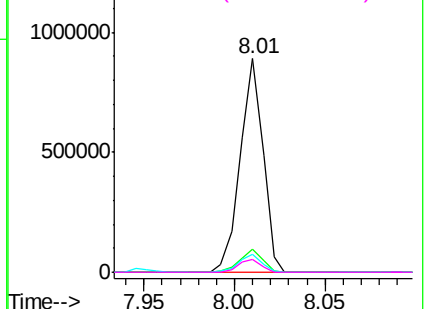
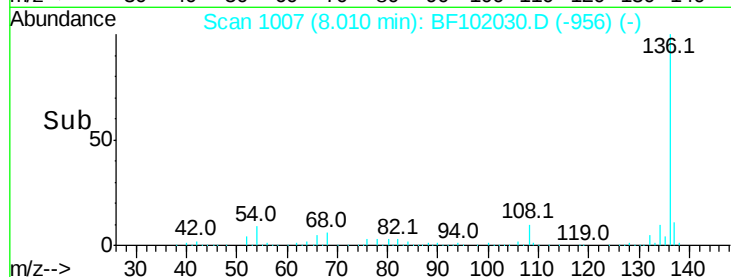


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.298 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:105 Resp: 681513

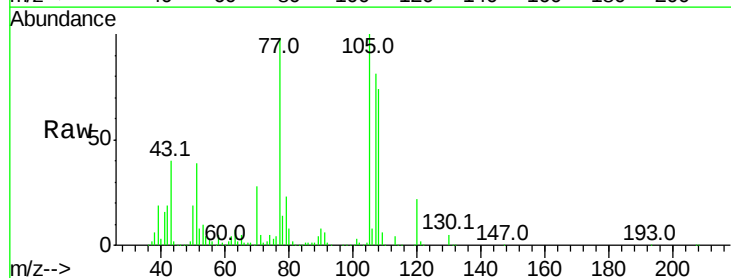
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 39.3 22.3 33.5#

120 21.7 16.9 25.3

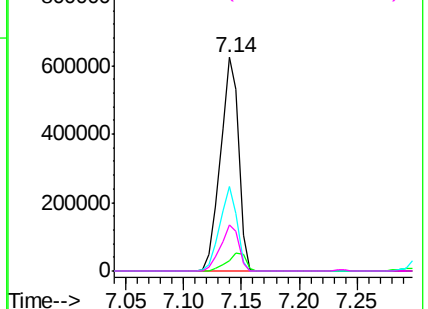
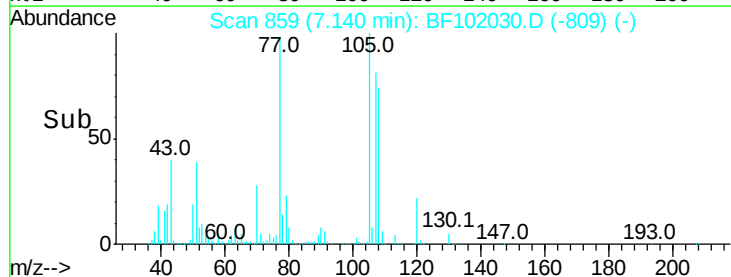


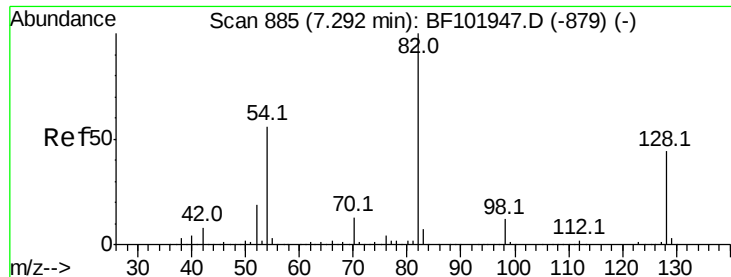
Abundance Ion 105.00 (104.70 to 105.70): E

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

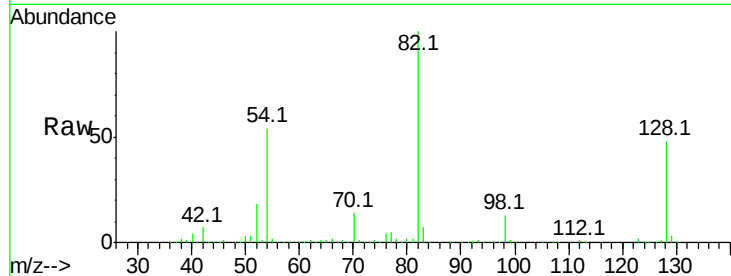




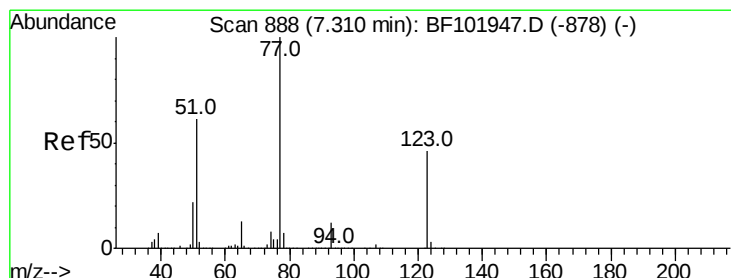
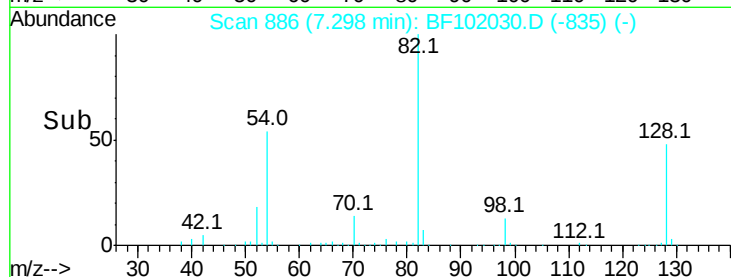
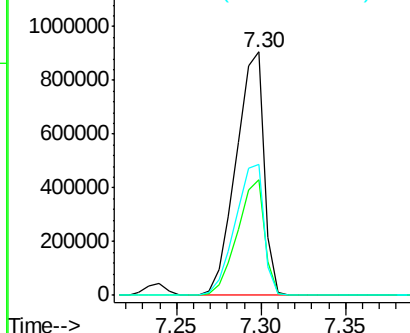
#23
 Nitrobenzene-d5
 Concen: 78.866 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion: 82 Resp: 1045809
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 53.7 41.4 62.2

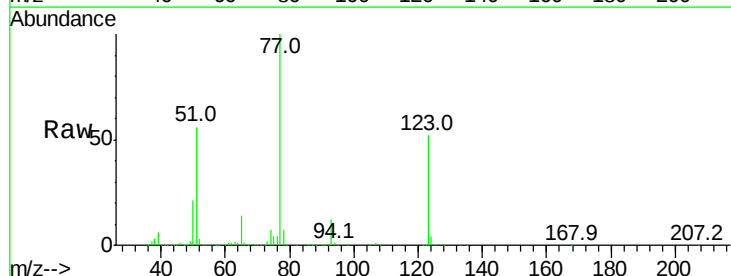


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

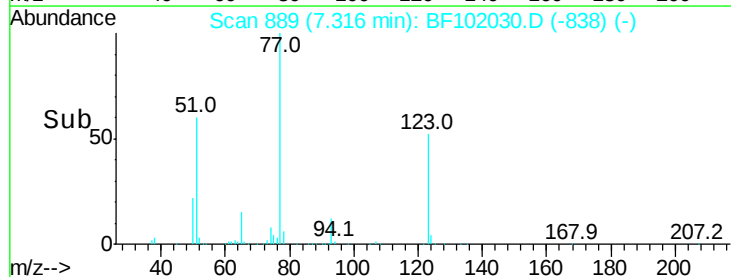
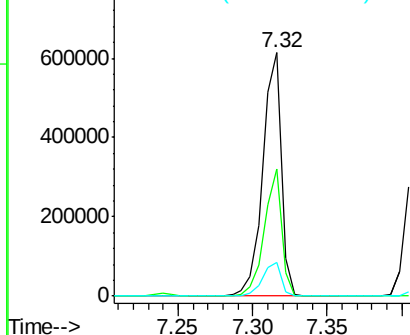


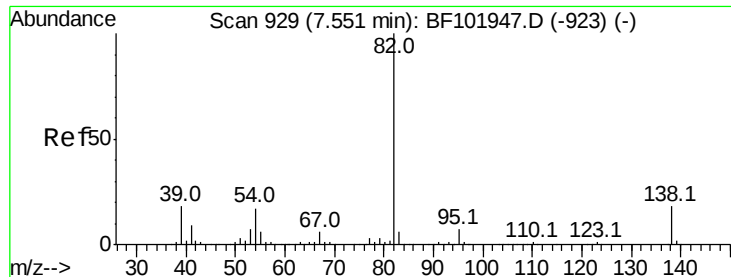
#24
 Nitrobenzene
 Concen: 36.407 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion: 77 Resp: 518772
 Ion Ratio Lower Upper
 77 100
 123 52.3 37.9 56.9
 65 13.7 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

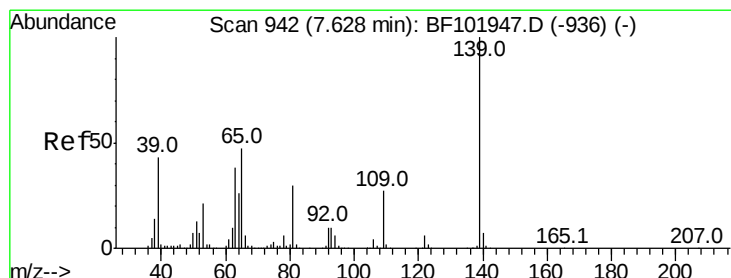
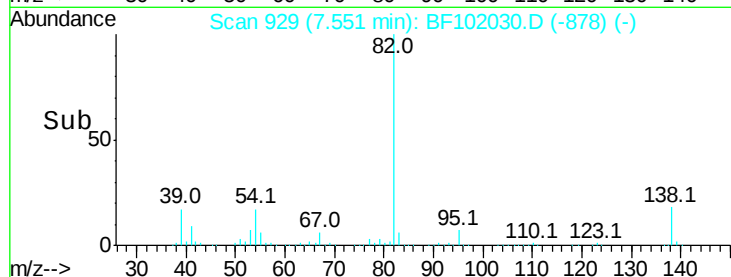
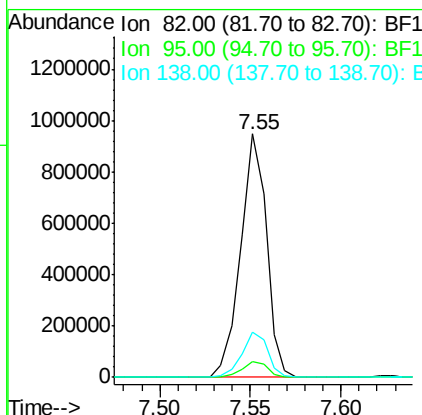
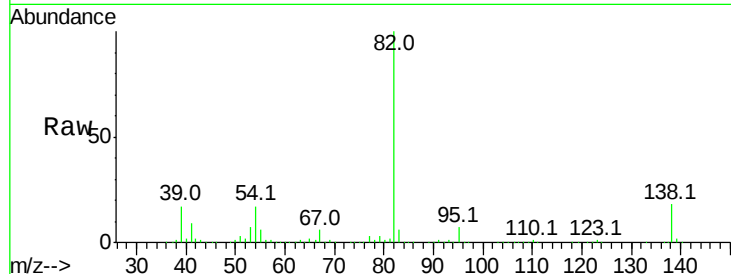




#25
Isophorone
Concen: 35.944 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

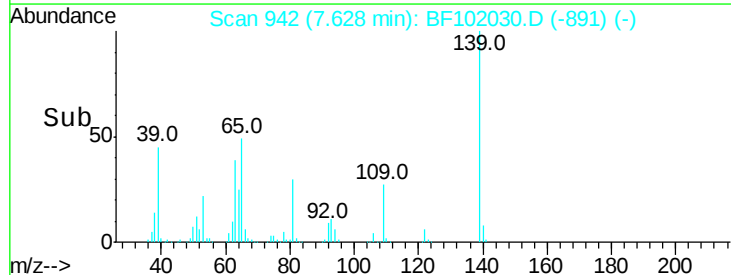
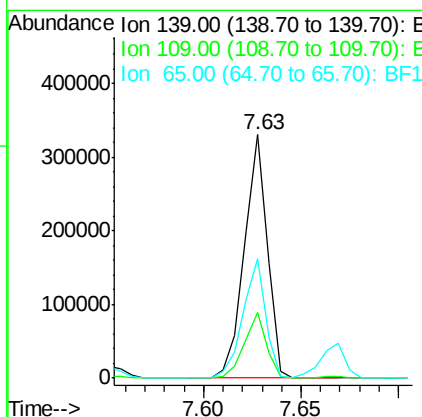
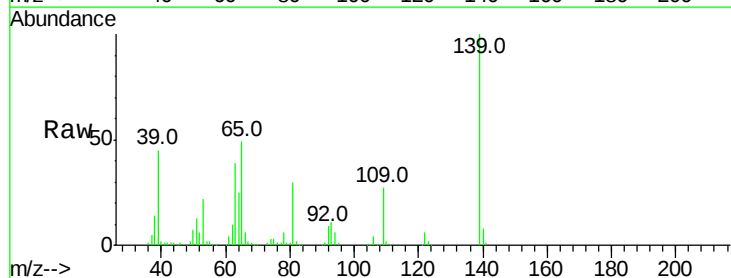
Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

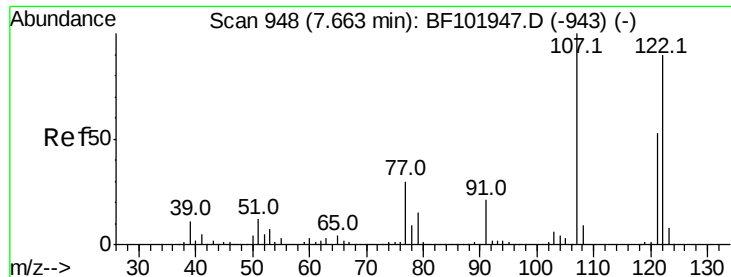
Tot Ion	82	Resp	941805
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.4	14.9	22.3



#26
2-Nitrophenol
Concen: 45.224 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	139	Resp	269716
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	48.9	40.5	60.7

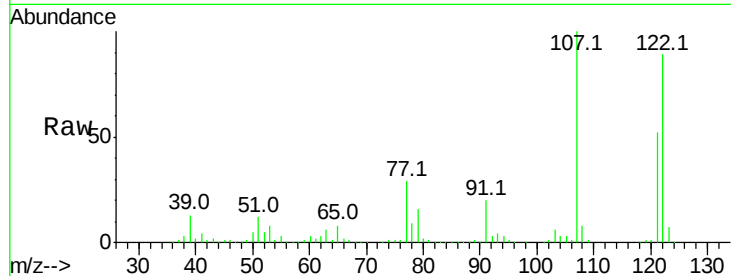




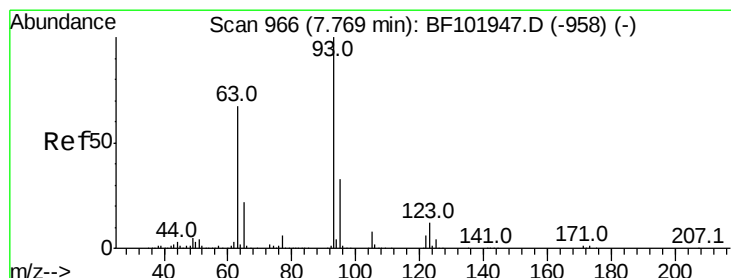
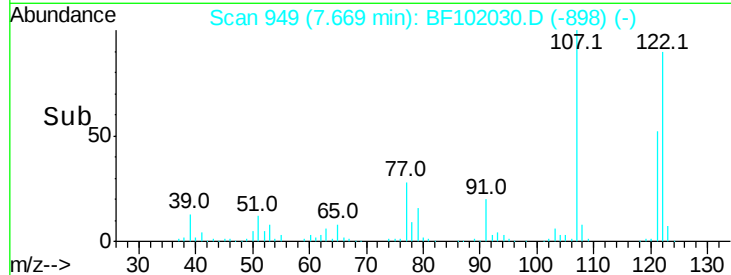
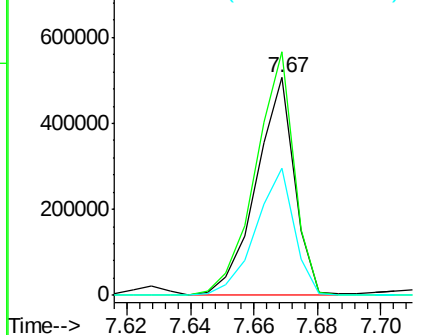
#27
2,4-Dimethylphenol
Concen: 38.437 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion:122 Resp: 428121
Ion Ratio Lower Upper
122 100
107 111.8 91.2 136.8
121 58.4 47.2 70.8

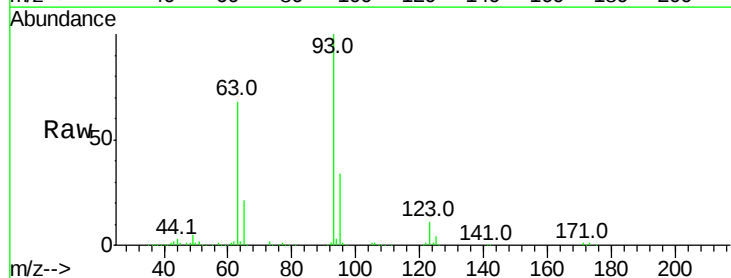


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

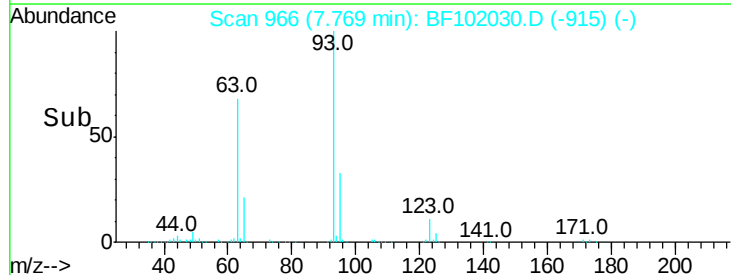
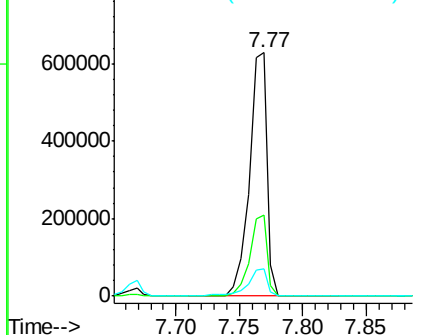


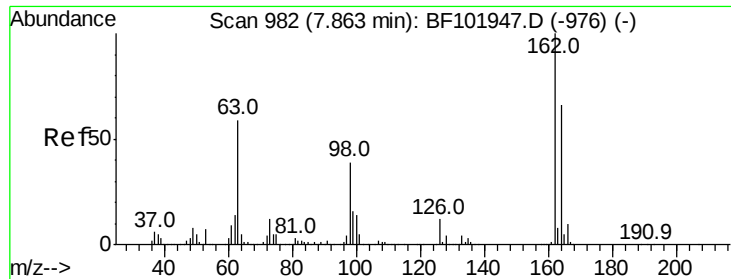
#28
bis(2-Chloroethoxy)methane
Concen: 38.429 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion: 93 Resp: 607974
Ion Ratio Lower Upper
93 100
95 33.6 26.3 39.5
123 11.2 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.178 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

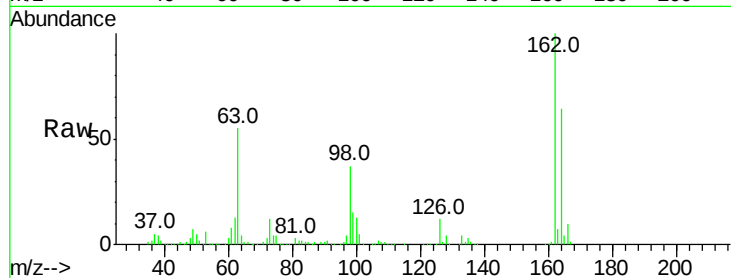
Tot Ion:162 Resp: 393200

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

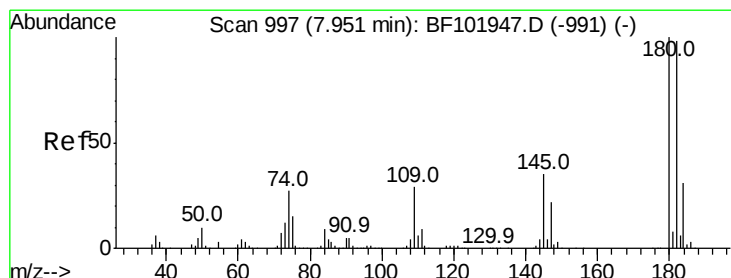
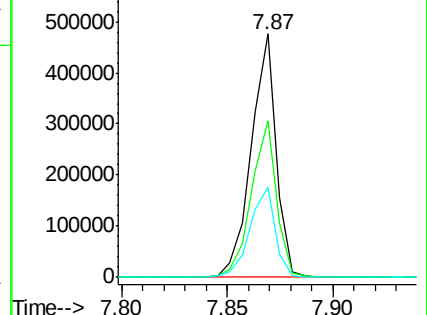
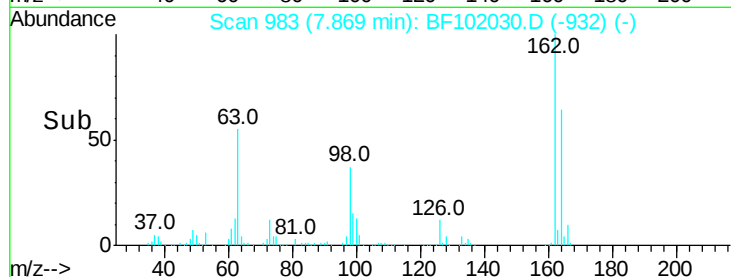
98 36.8 18.1 58.1



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: 34.983 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

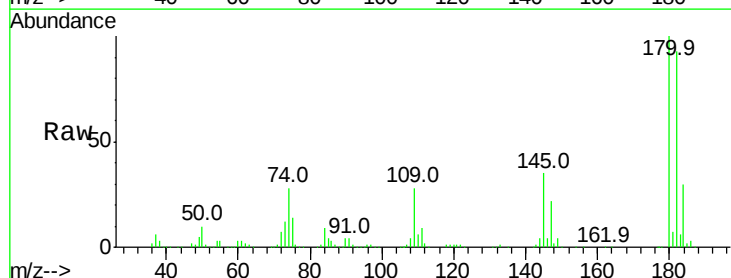
Tgt Ion:180 Resp: 386999

Ion Ratio Lower Upper

180 100

182 92.5 76.8 115.2

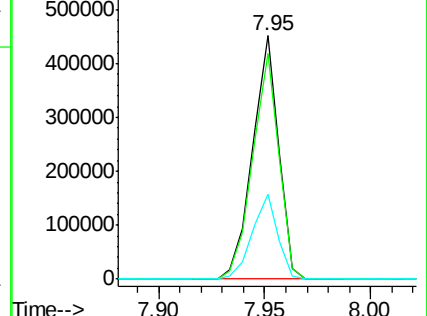
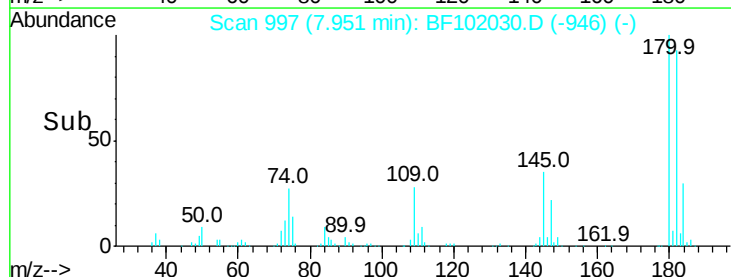
145 35.1 26.5 39.7

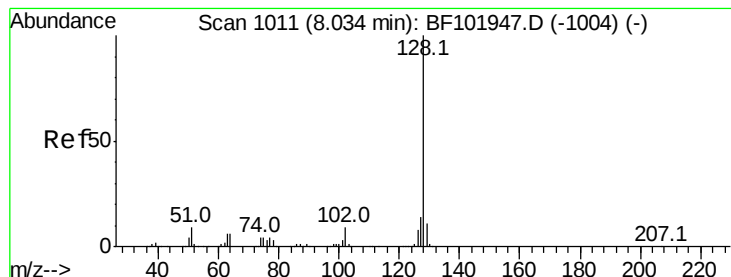


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.196 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

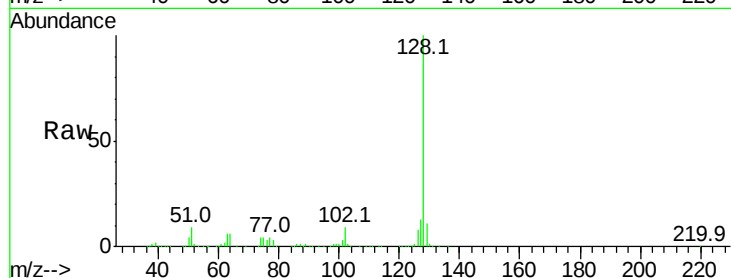
Tot Ion:128 Resp: 1370441

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

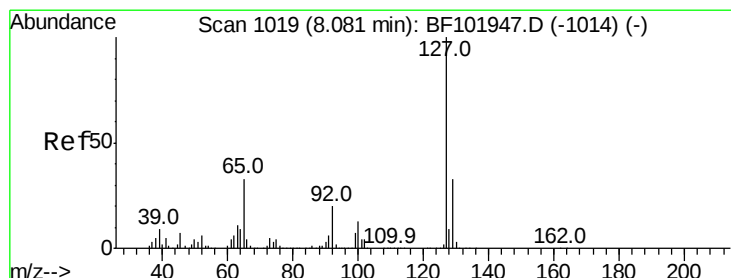
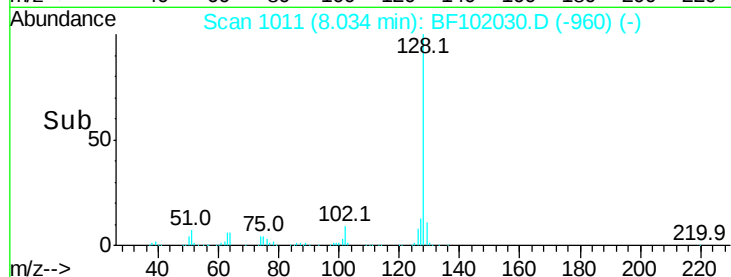
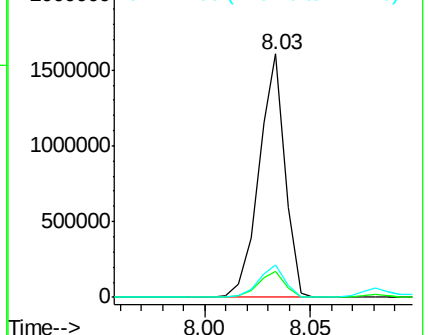
127 13.5 10.9 16.3



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



#33

4-Chloroaniline

Concen: 5.156 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:127 Resp: 85686

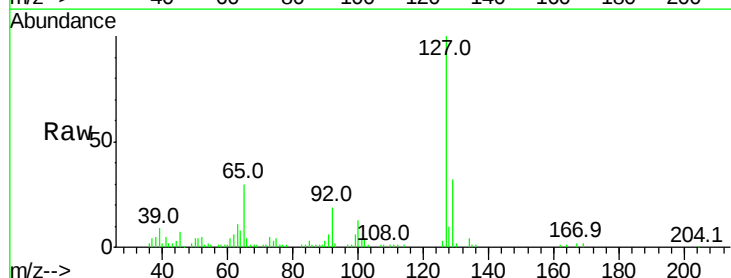
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 29.9 25.0 37.4

92 18.7 15.2 22.8

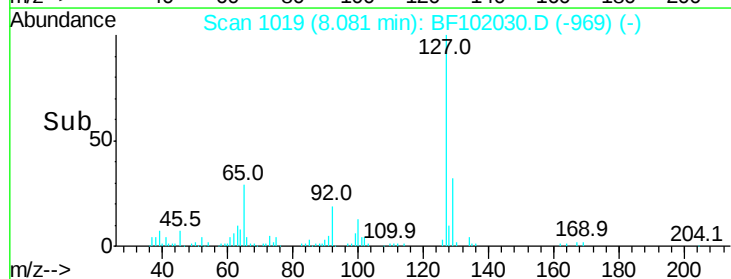
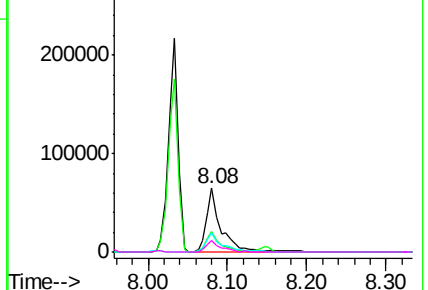


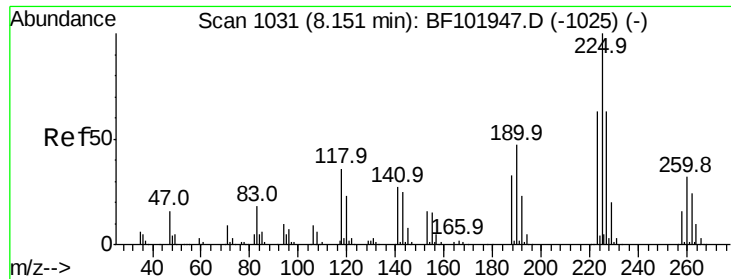
Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.396 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

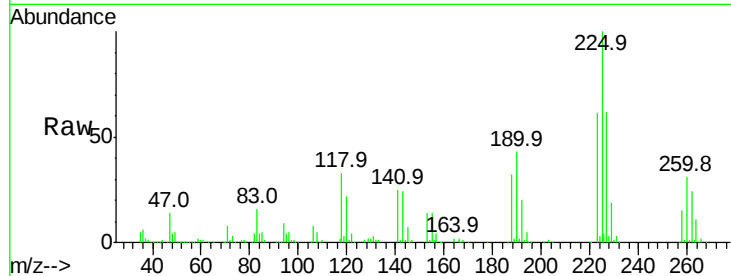
Tot Ion:225 Resp: 207268

Ion Ratio Lower Upper

225 100

223 61.1 50.6 76.0

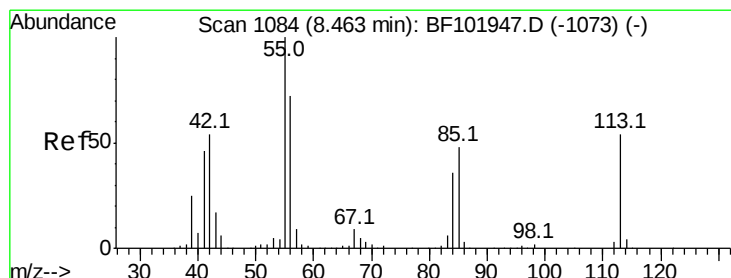
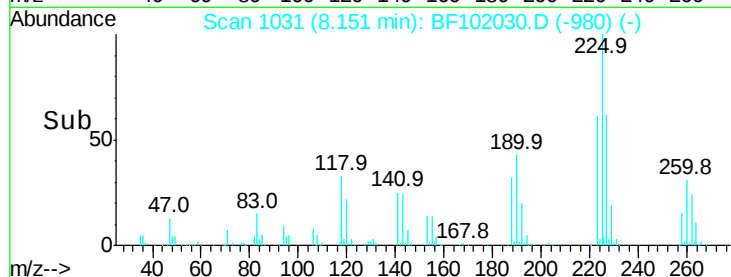
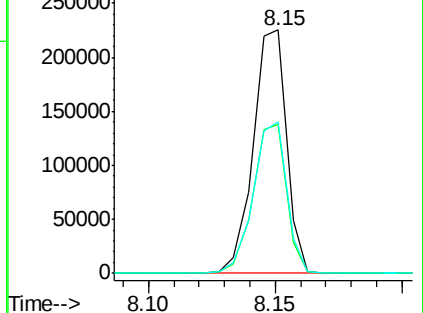
227 62.4 51.9 77.9



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: 33.023 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

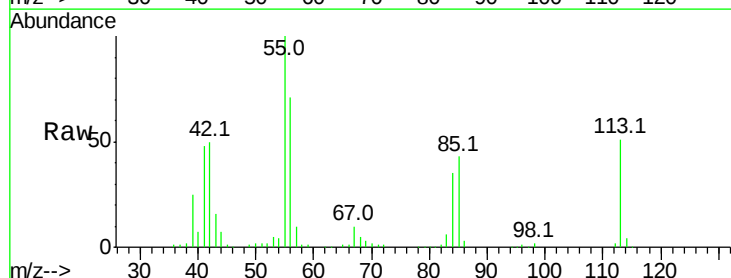
Tgt Ion:113 Resp: 119898

Ion Ratio Lower Upper

113 100

55 197.8 163.3 203.3

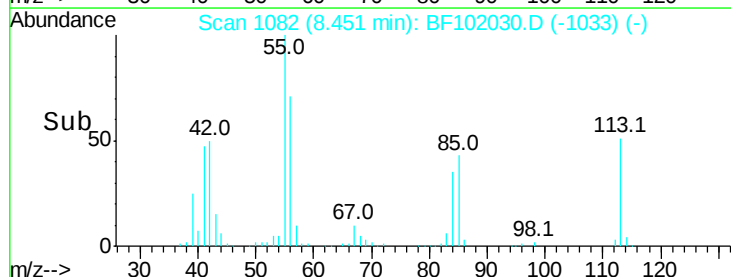
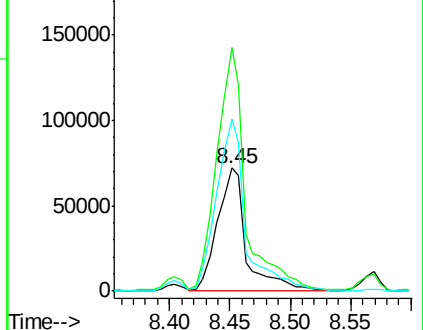
56 139.8 115.7 155.7

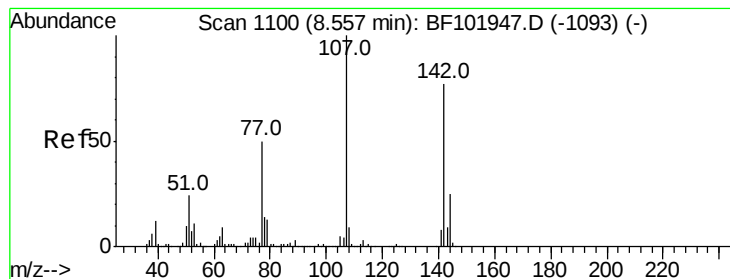


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#36

4-Chloro-3-methylphenol

Concen: 35.623 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

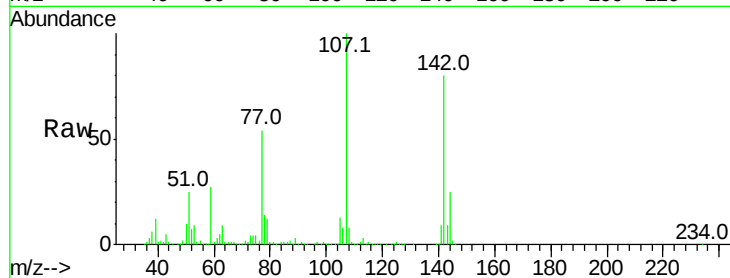
Tot Ion:107 Resp: 412407

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

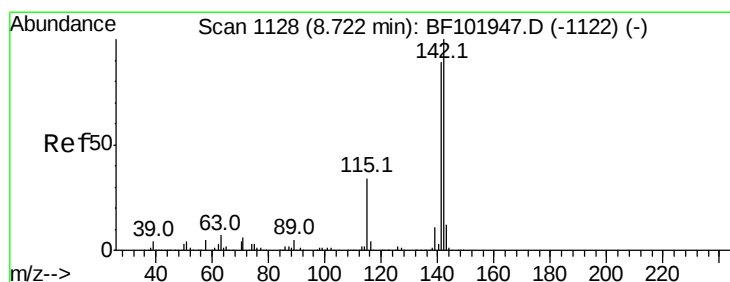
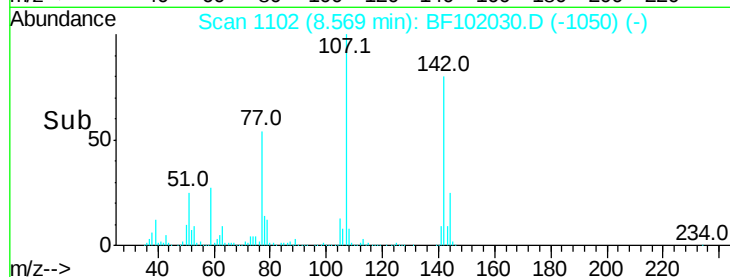
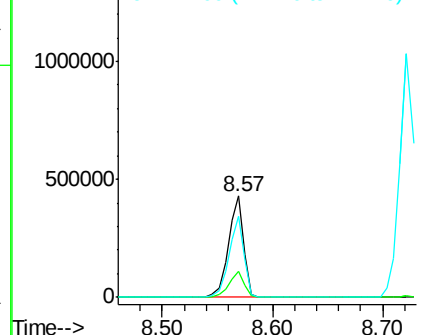
142 79.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 34.863 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

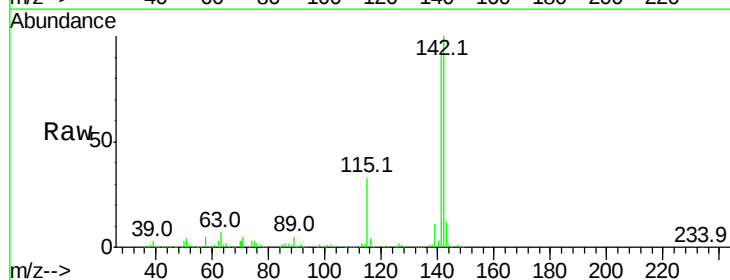
Tgt Ion:142 Resp: 893665

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

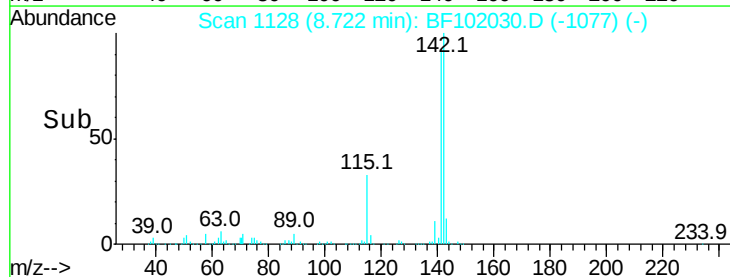
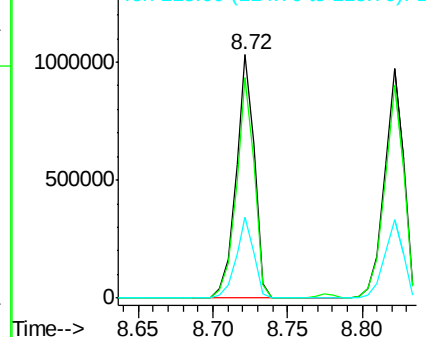
115 33.0 26.1 39.1

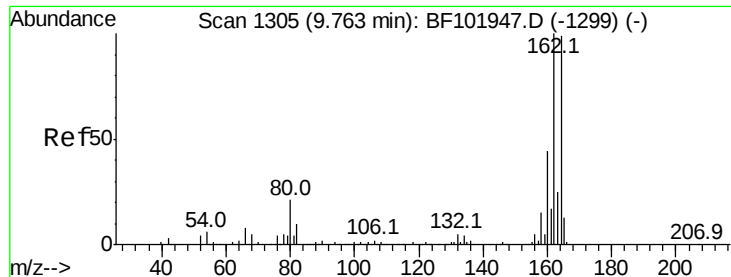


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

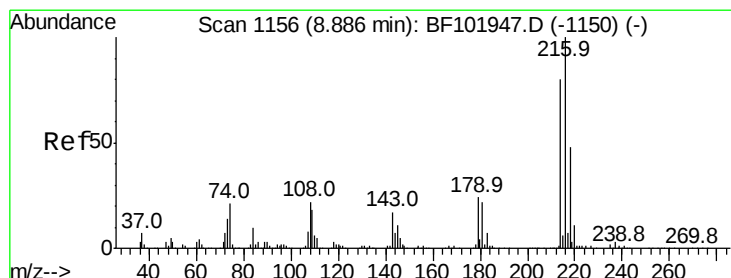
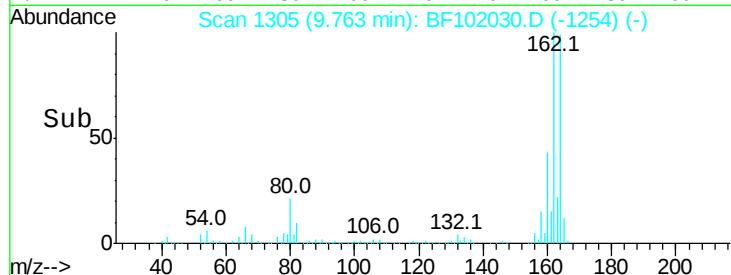
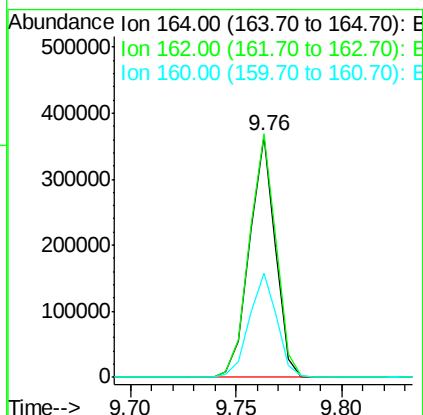
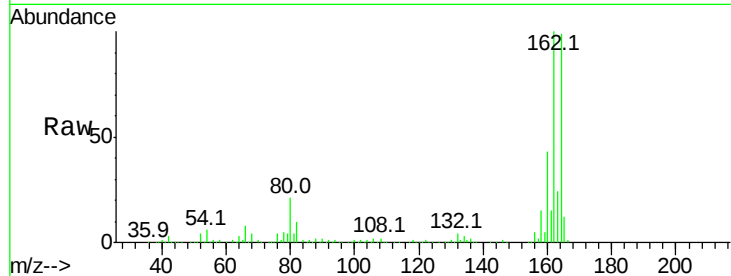




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

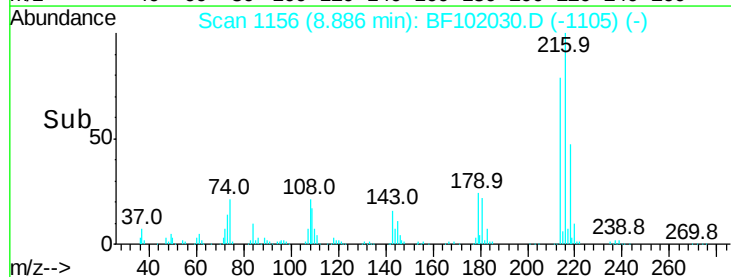
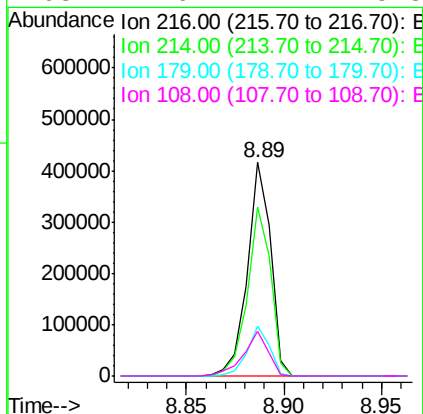
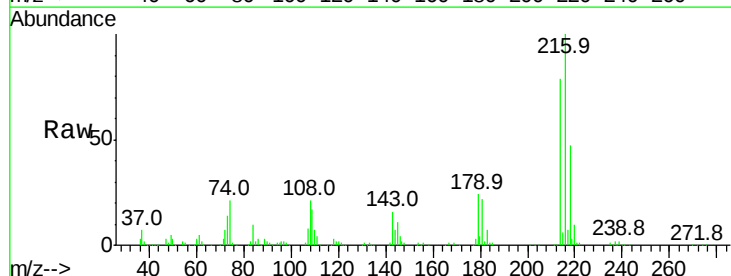
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

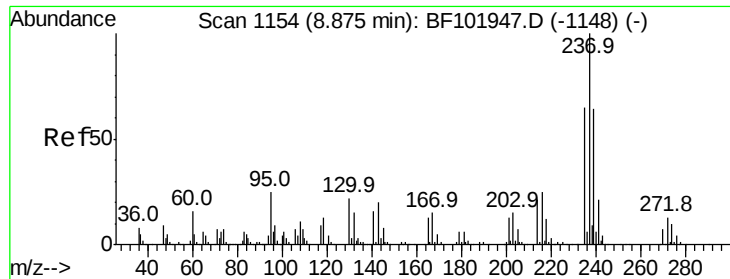
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	43.4	38.3	57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.165 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.6	18.1	27.1
108	22.6	17.2	25.8

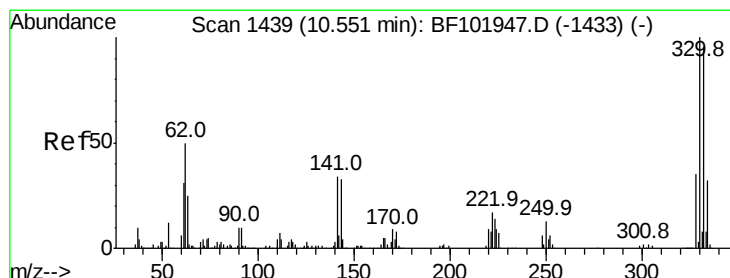
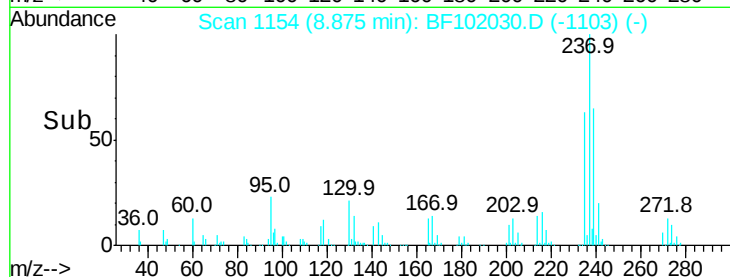
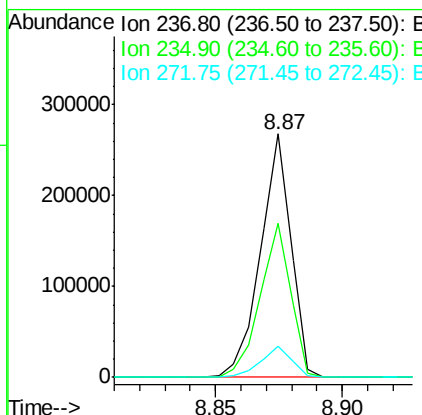
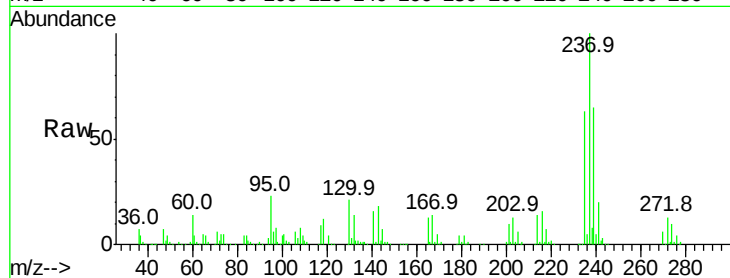




#40
Hexachlorocyclopentadiene
Concen: 47.139 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

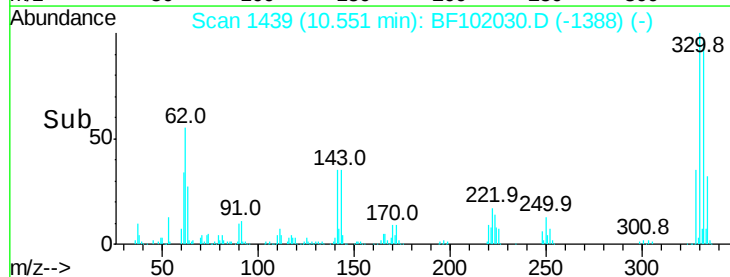
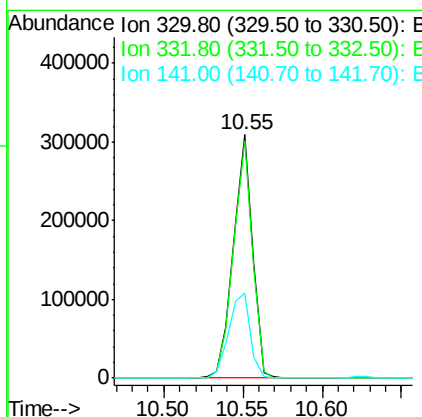
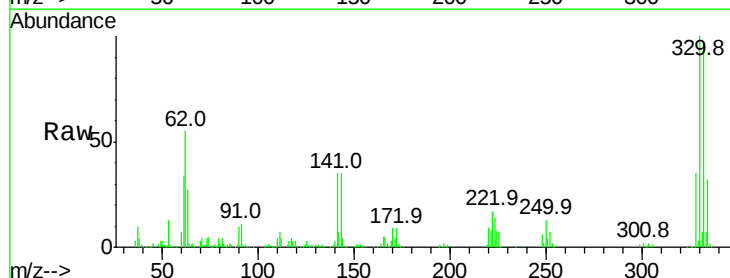
Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

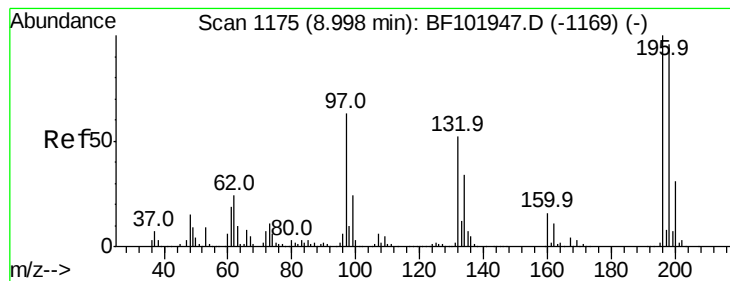
Tot Ion:237 Resp: 226529
Ion Ratio Lower Upper
237 100
235 63.3 44.8 84.8
272 12.7 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 96.694 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:330 Resp: 262095
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 39.0 29.9 44.9





#42

2,4,6-Trichlorophenol

Concen: 39.833 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

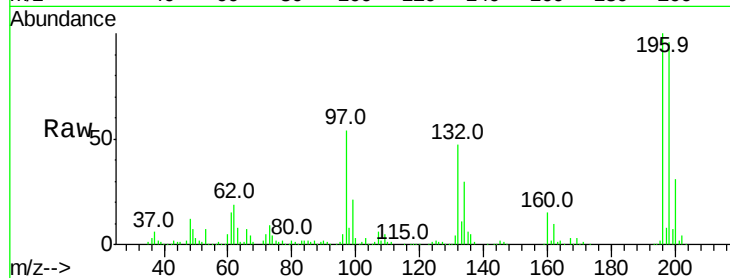
Tot Ion:196 Resp: 241200

Ion Ratio Lower Upper

196 100

198 96.0 75.7 113.5

200 30.6 24.5 36.7

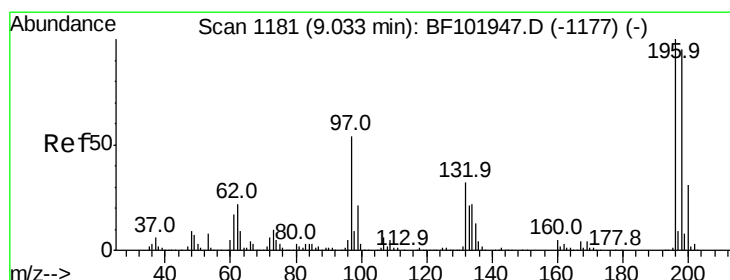
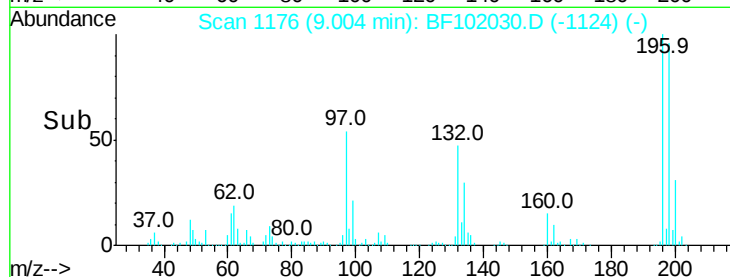
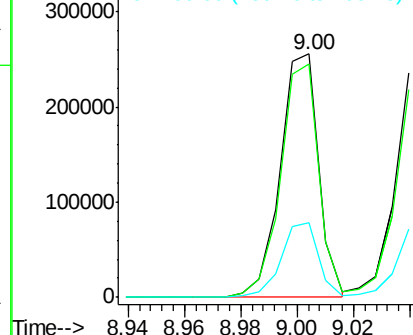


Abundance

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: 36.252 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:196 Resp: 248107

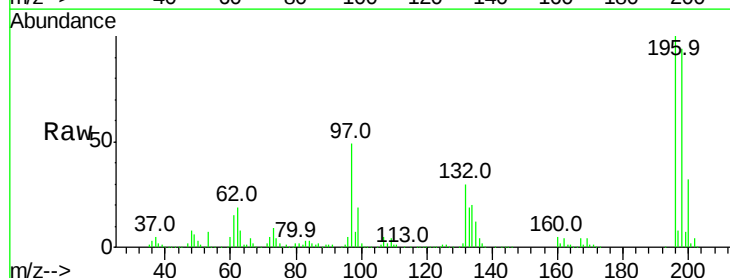
Ion Ratio Lower Upper

196 100

198 94.0 74.6 112.0

97 49.1 42.9 64.3

132 30.2 26.3 39.5



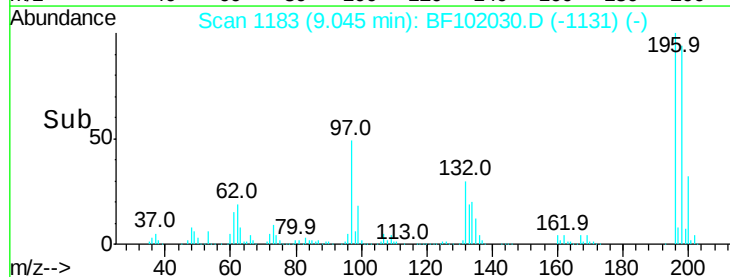
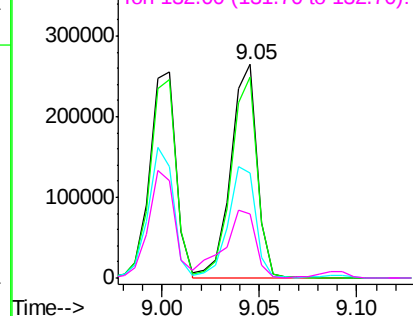
Abundance

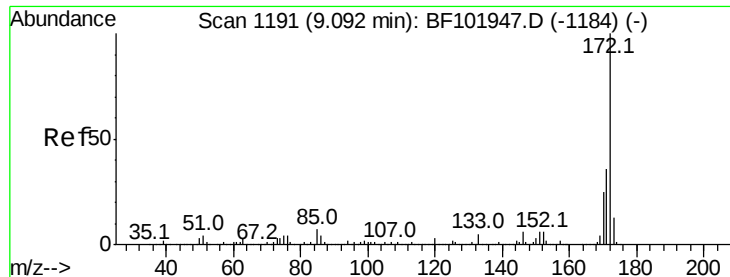
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 79.181 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

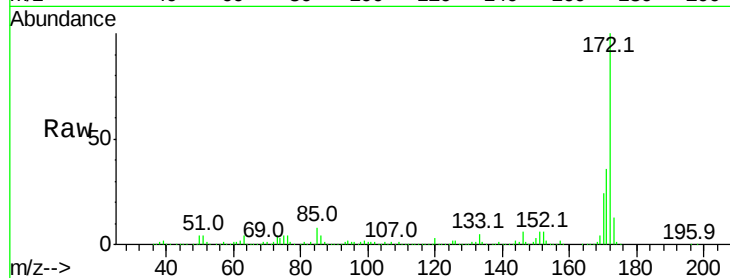
Tot Ion:172 Resp: 1574222

Ion Ratio Lower Upper

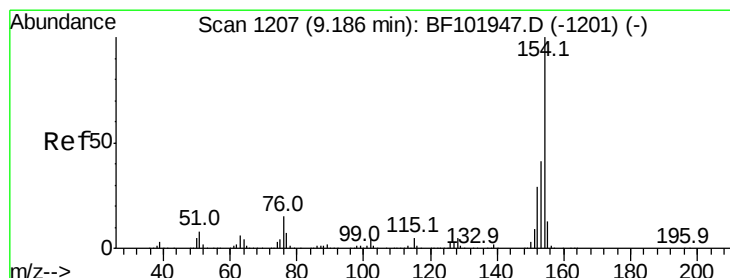
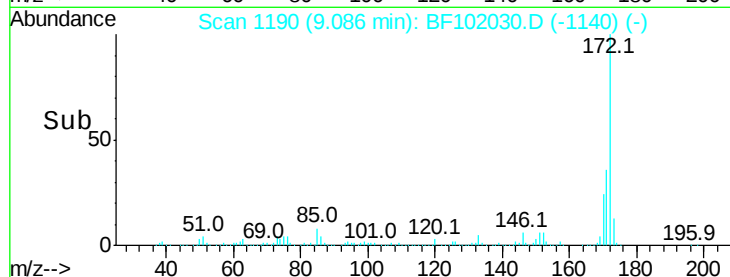
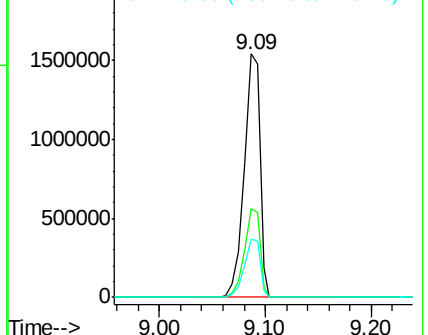
172 100

171 36.2 29.7 44.5

170 24.0 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 37.320 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

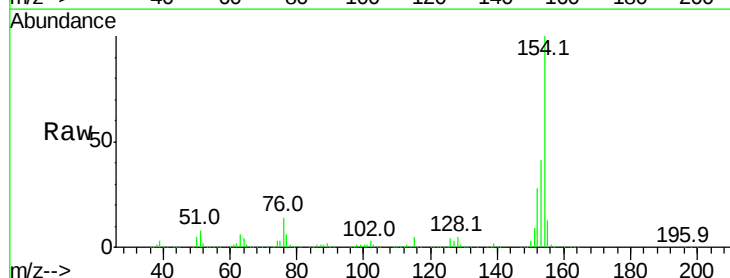
Tgt Ion:154 Resp: 1024576

Ion Ratio Lower Upper

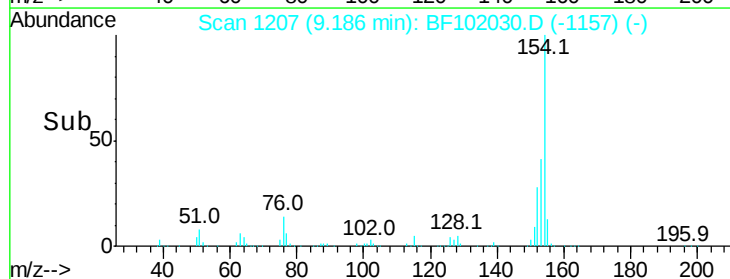
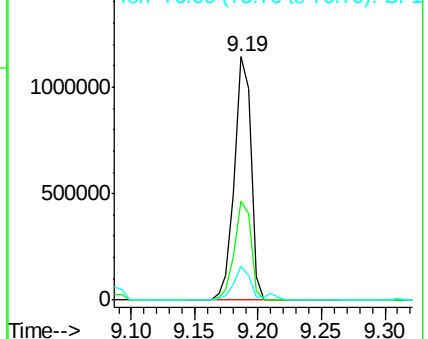
154 100

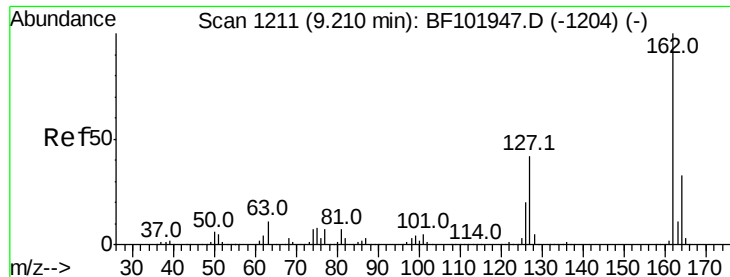
153 40.5 21.3 61.3

76 14.1 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

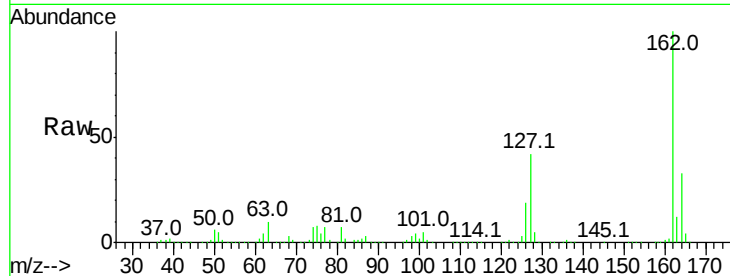




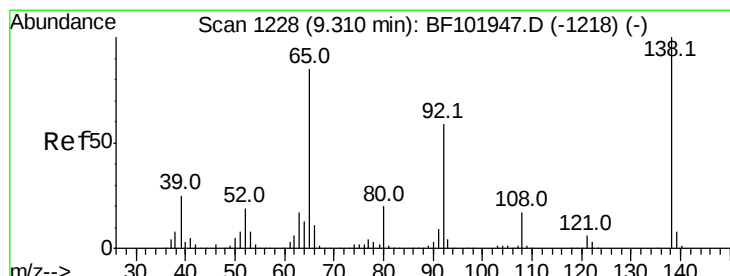
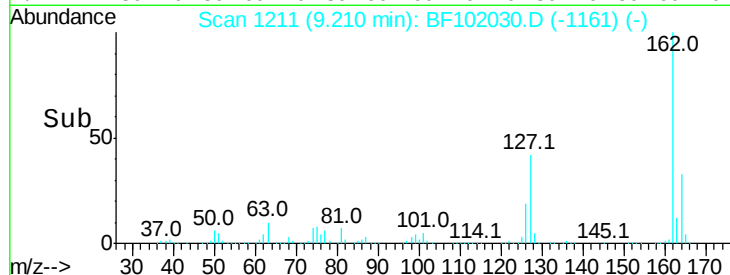
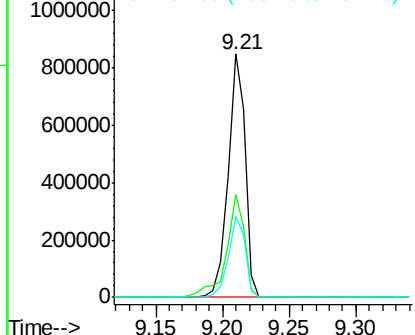
#46
 2-Chloronaphthalene
 Concen: 35.958 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion:162 Resp: 765524
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 33.5 26.5 39.7

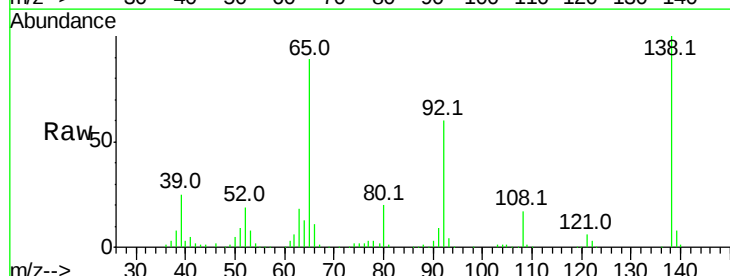


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

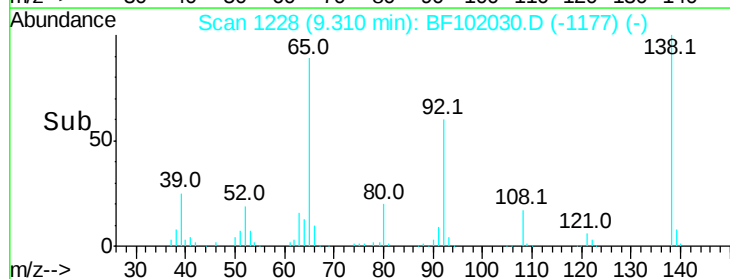
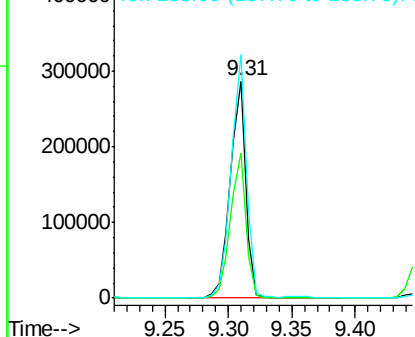


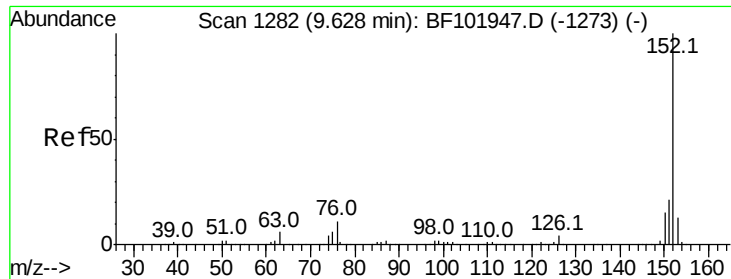
#47
 2-Nitroaniline
 Concen: 38.369 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion: 65 Resp: 244681
 Ion Ratio Lower Upper
 65 100
 92 67.0 55.8 83.6
 138 112.3 91.2 136.8



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





#48

Acenaphthylene

Concen: 33.284 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

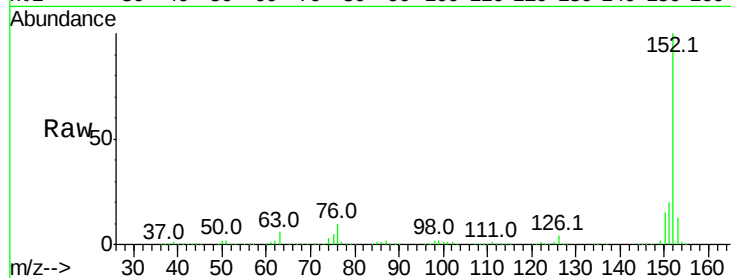
Tot Ion:152 Resp: 1124514

Ion Ratio Lower Upper

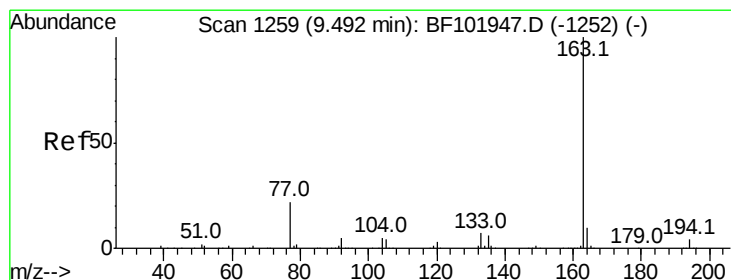
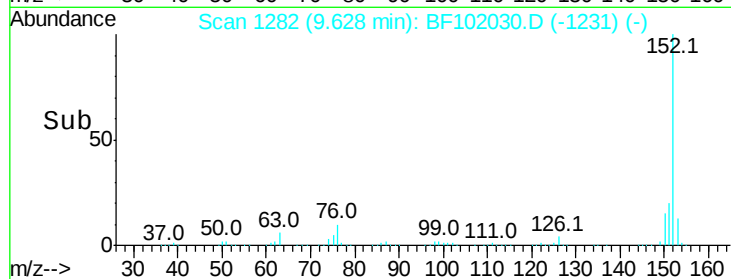
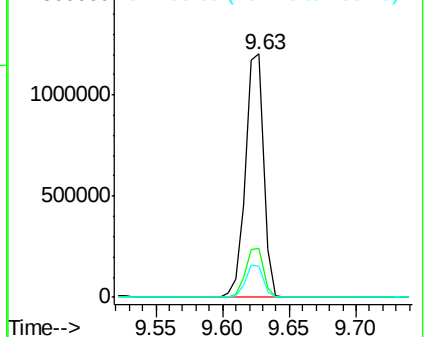
152 100

151 20.0 16.3 24.5

153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.230 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

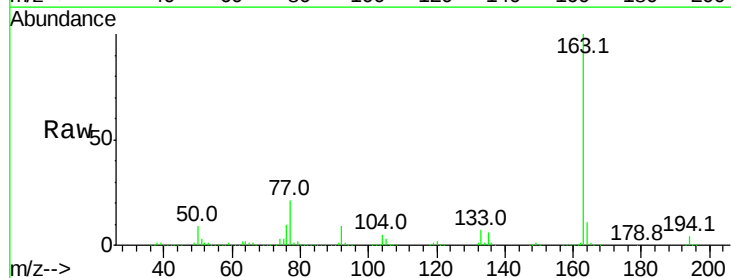
Tgt Ion:163 Resp: 1052231

Ion Ratio Lower Upper

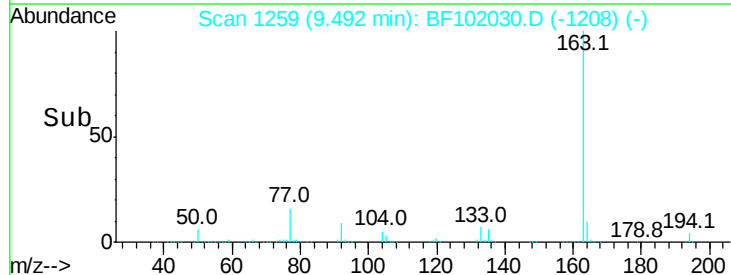
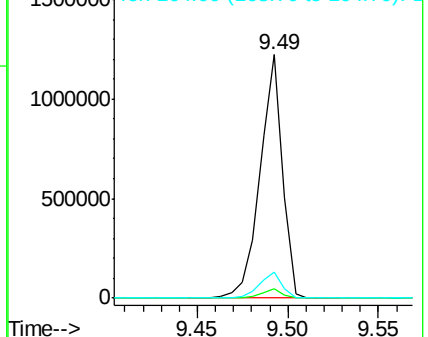
163 100

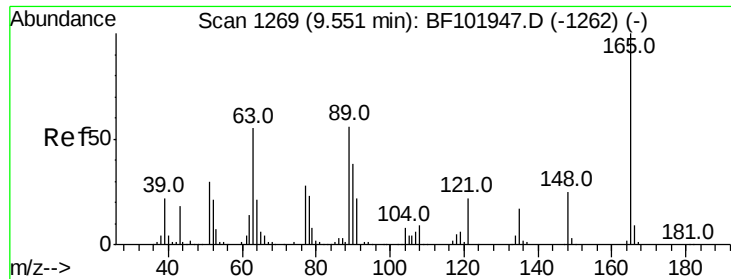
194 3.6 2.7 4.1

164 10.5 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

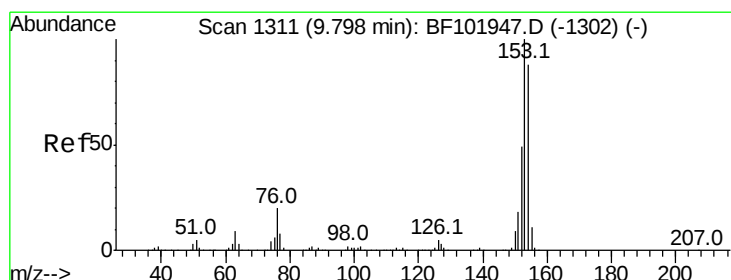
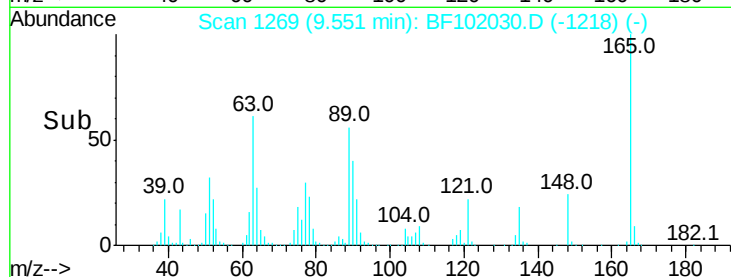
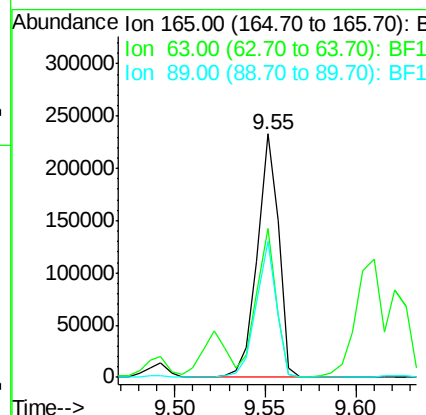
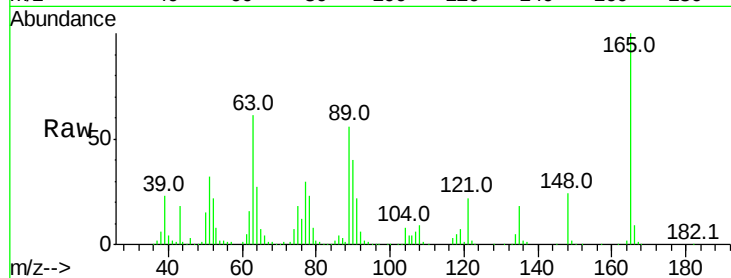




#50
2,6-Dinitrotoluene
Concen: 38.254 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

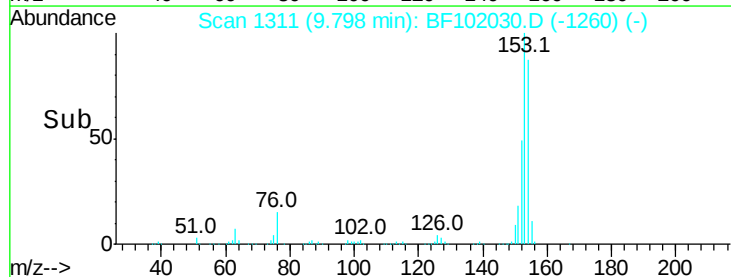
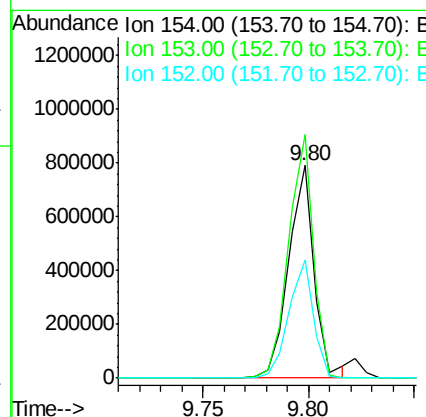
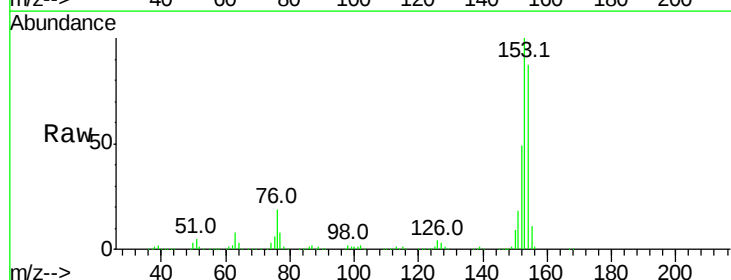
Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

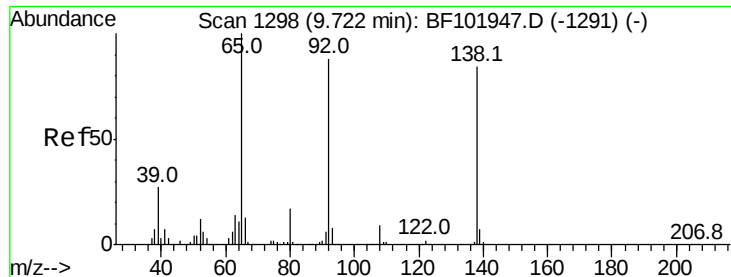
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.2	44.7	67.1
89	55.9	44.0	66.0



#51
Acenaphthene
Concen: 32.679 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.7	43.8	65.8





#52

3-Nitroaniline

Concen: 19.086 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

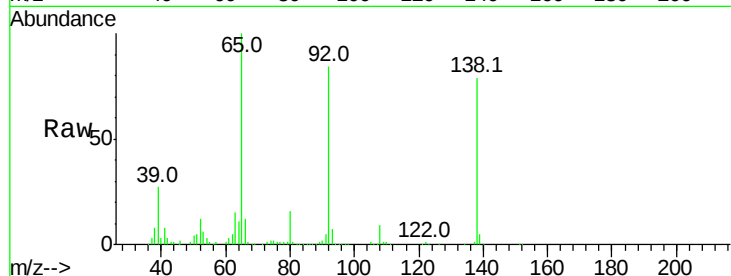
Tot Ion:138 Resp: 119889

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.0

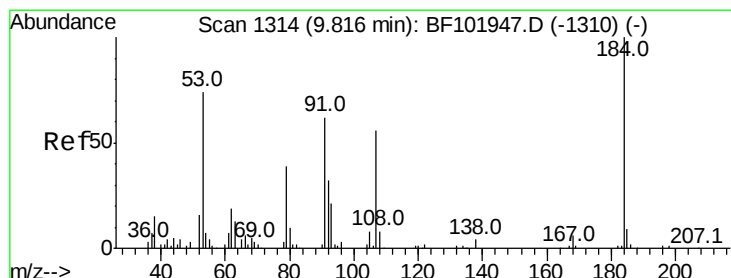
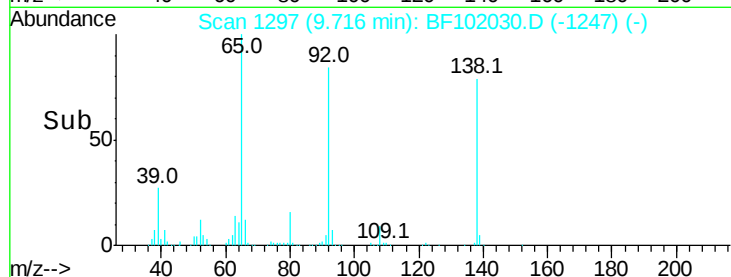
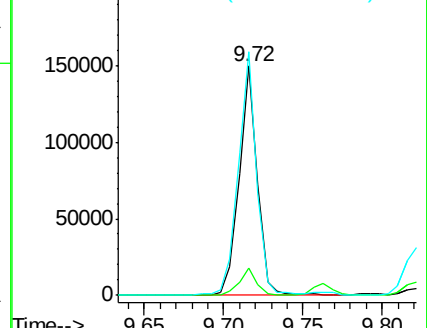
92 106.2 89.4 134.2



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: 49.847 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

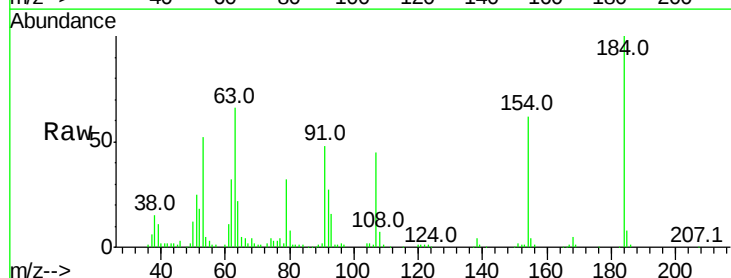
Tgt Ion:184 Resp: 87850

Ion Ratio Lower Upper

184 100

63 65.9 54.2 81.2

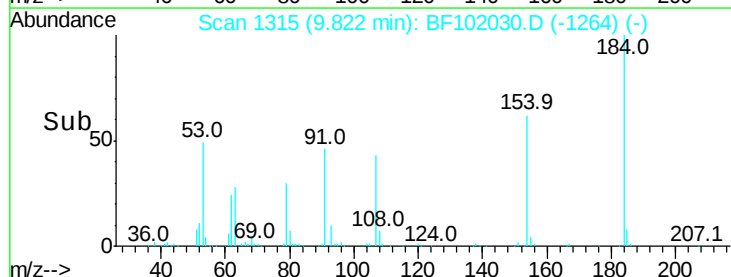
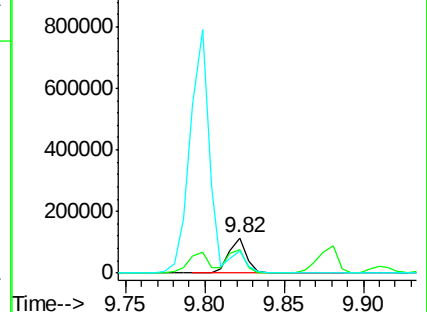
154 62.2 184.0 276.0#

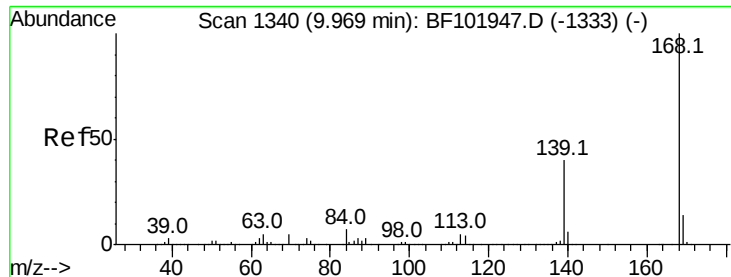


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 34.937 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

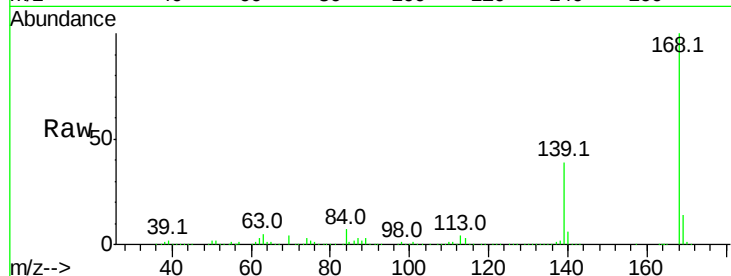
Tot Ion:168 Resp: 983270

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

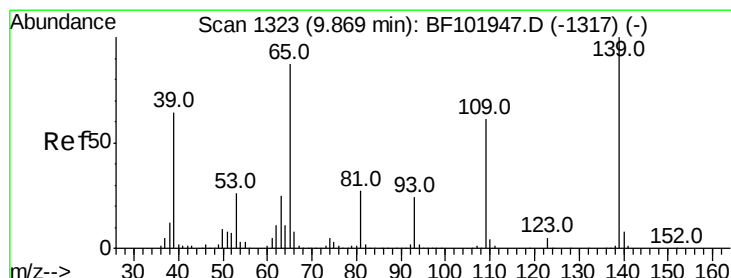
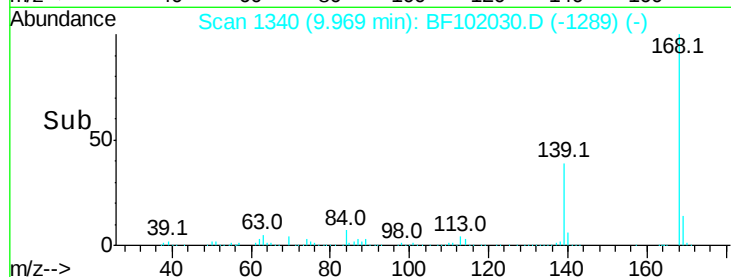
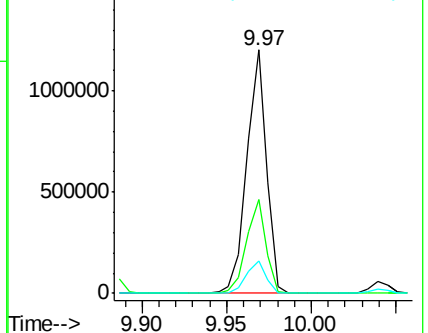
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 62.094 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

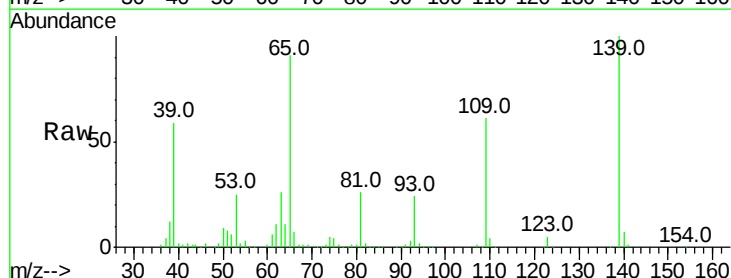
Tgt Ion:139 Resp: 290668

Ion Ratio Lower Upper

139 100

109 61.2 48.4 88.4

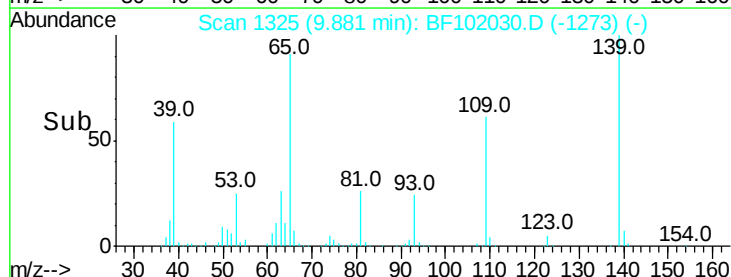
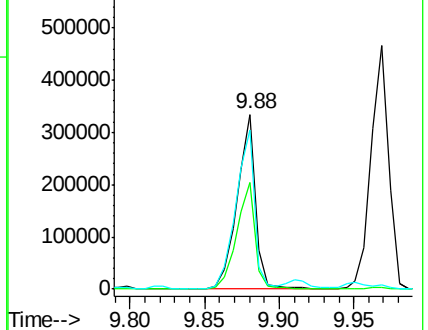
65 91.2 72.6 112.6

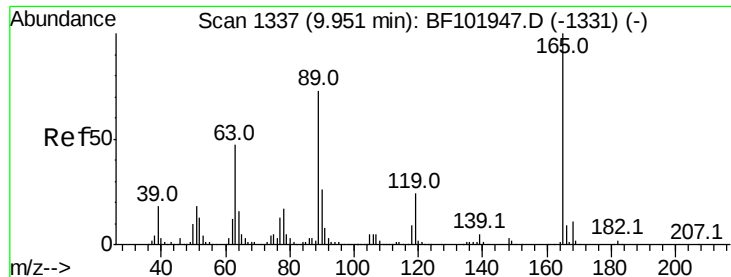


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

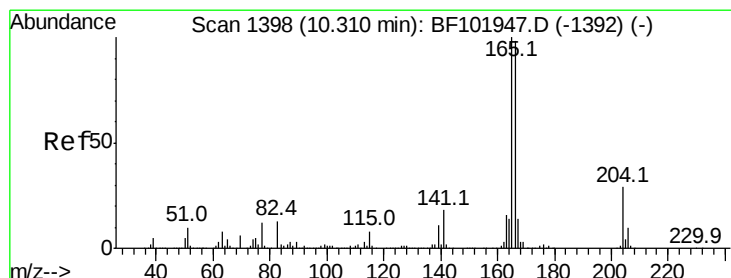
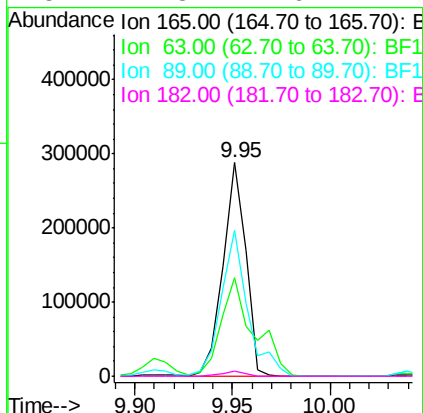
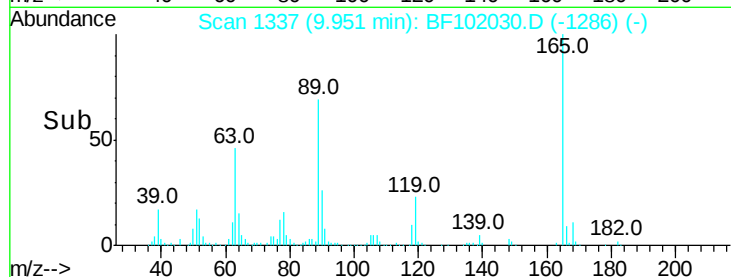
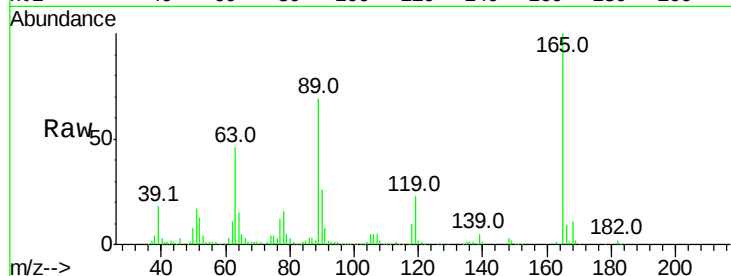




#56
2,4-Dinitrotoluene
Concen: 37.480 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

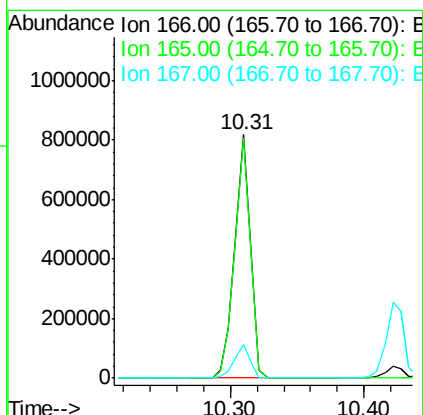
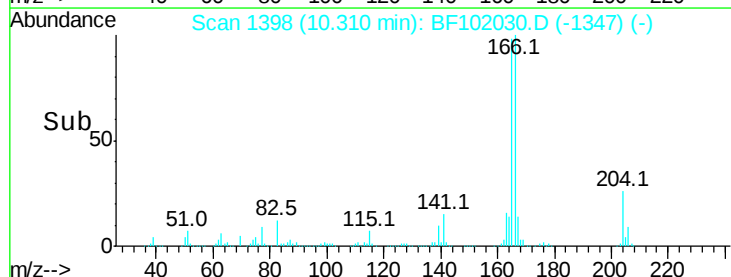
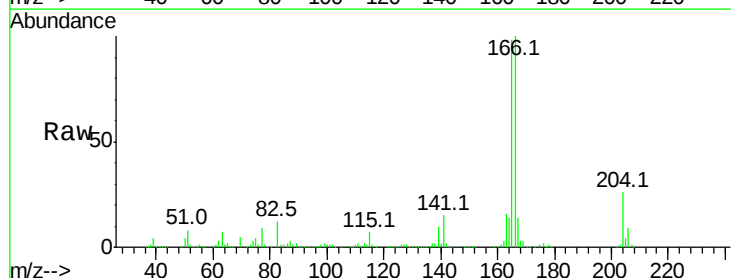
Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

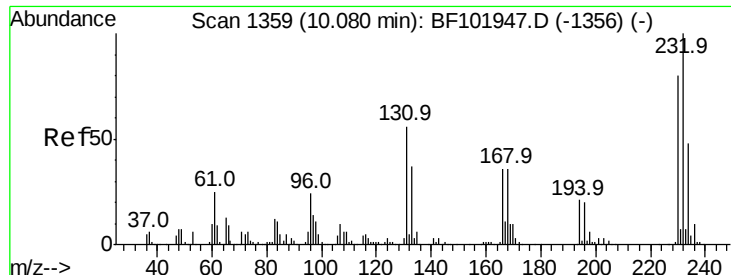
Tot Ion:165 Resp: 233809
Ion Ratio Lower Upper
165 100
63 45.9 36.4 54.6
89 68.5 57.8 86.6
182 2.3 1.6 2.4



#57
Fluorene
Concen: 35.332 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:166 Resp: 687396
Ion Ratio Lower Upper
166 100
165 98.5 79.8 119.8
167 13.8 10.6 16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 35.907 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:232 Resp: 174951

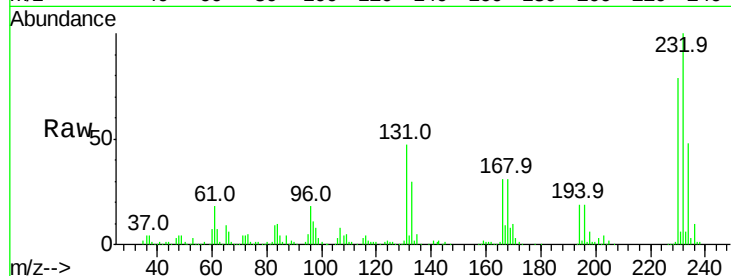
Ion Ratio Lower Upper

232 100

131 53.5 43.8 65.8

130 2.5 2.1 3.1

166 34.6 27.8 41.6

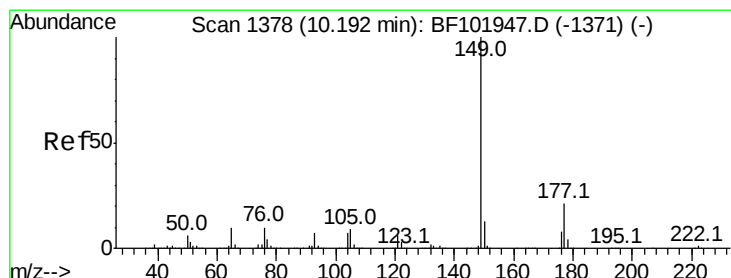
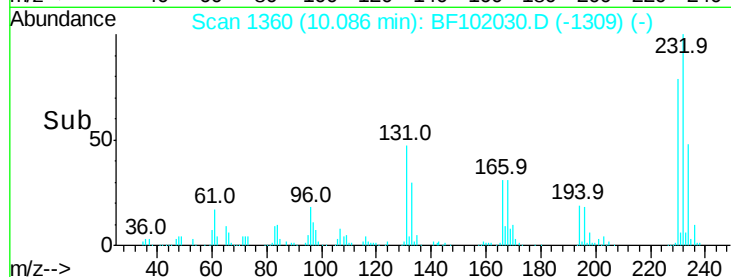
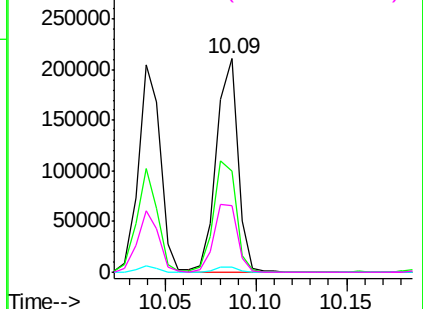


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 33.905 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

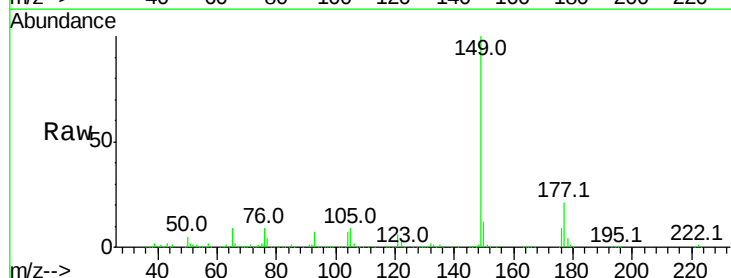
Tgt Ion:149 Resp: 840334

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

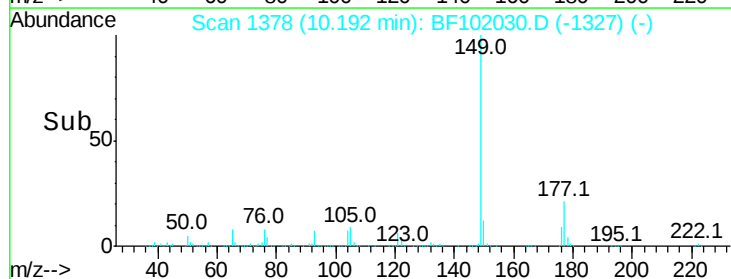
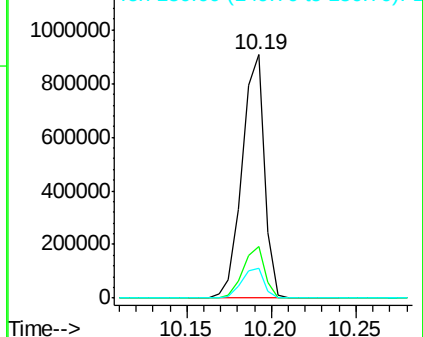
150 12.1 10.1 15.1

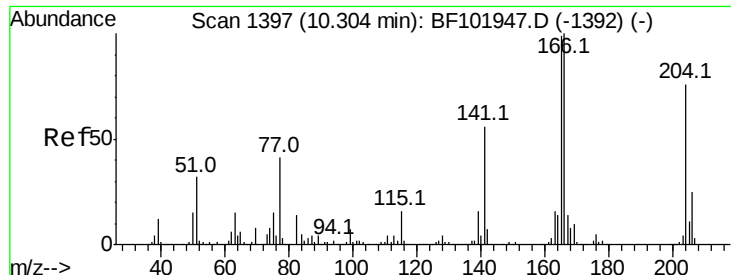


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

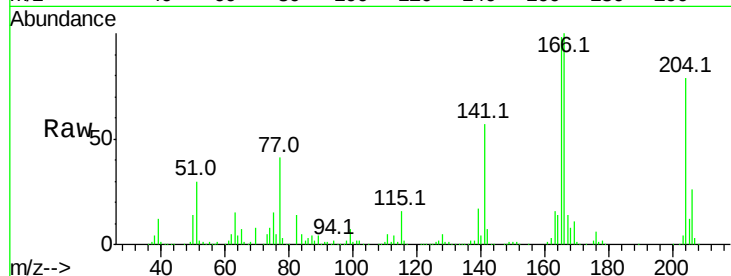




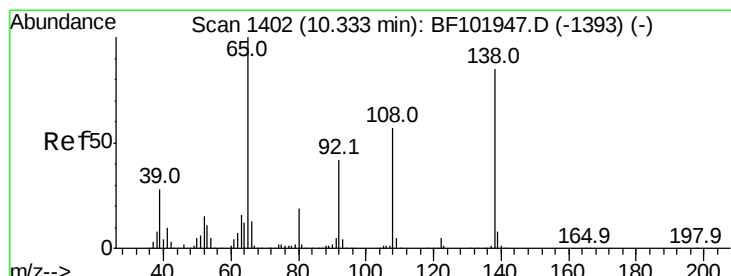
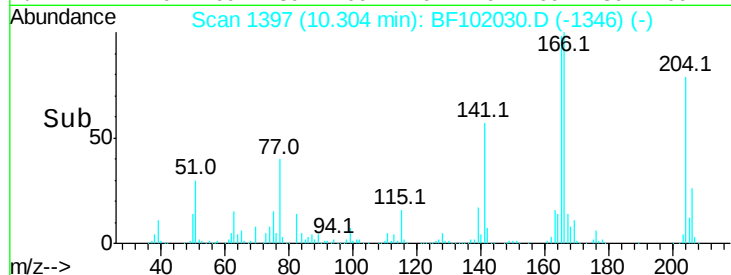
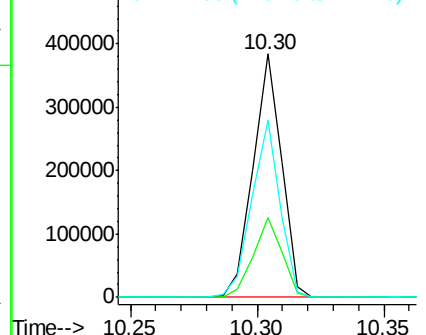
#60
 4-Chlorophenyl-phenylether
 Concen: 36.448 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion:204 Resp: 301956
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 72.5 54.6 81.8

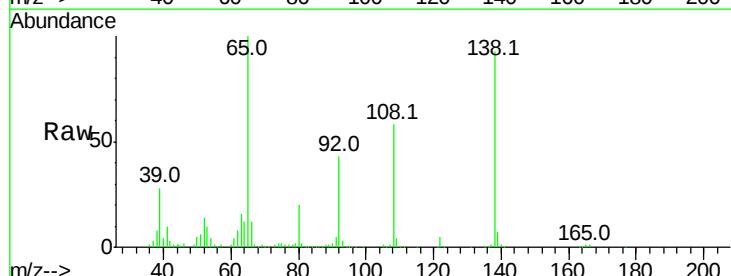


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

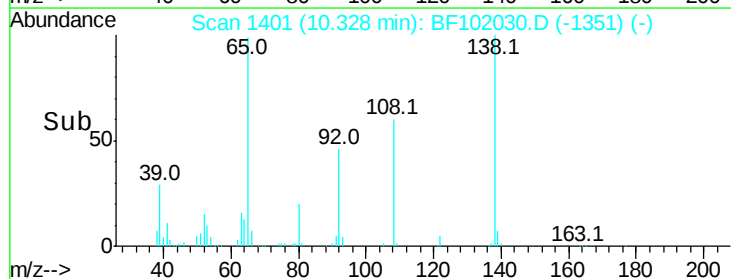
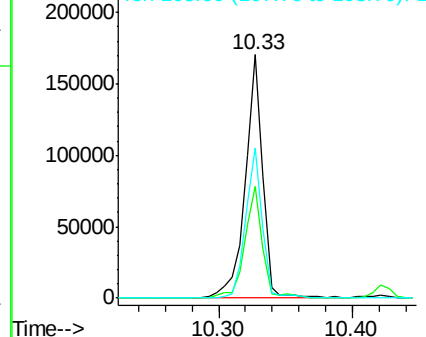


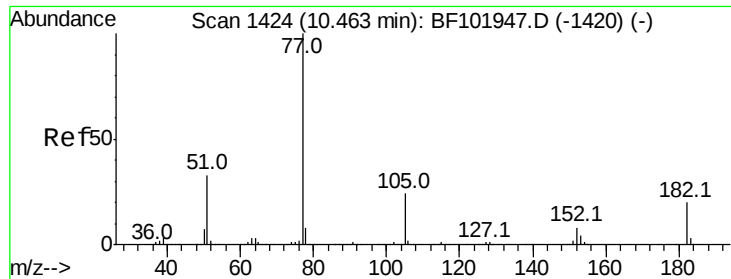
#61
 4-Nitroaniline
 Concen: 25.934 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion:138 Resp: 154602
 Ion Ratio Lower Upper
 138 100
 92 46.1 30.2 70.2
 108 61.9 52.5 92.5



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





#62

Azobenzene

Concen: 37.031 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion: 77 Resp: 913169

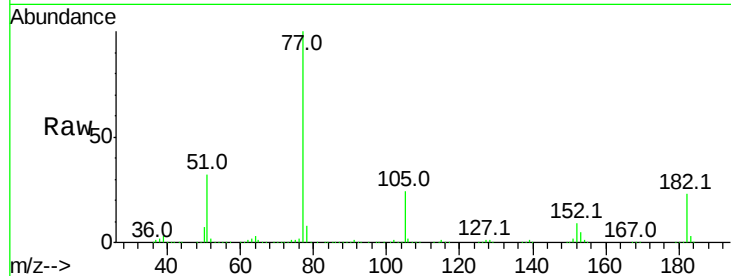
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 24.4 3.0 43.0

51 32.0 9.9 49.9

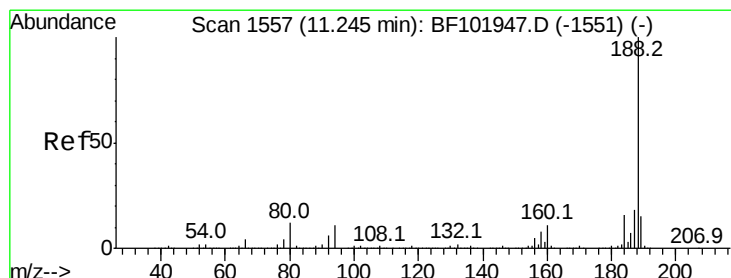
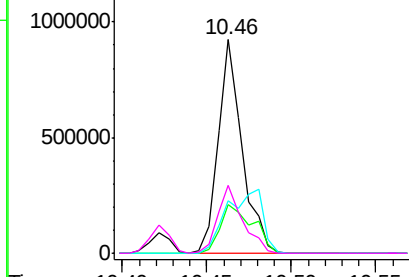
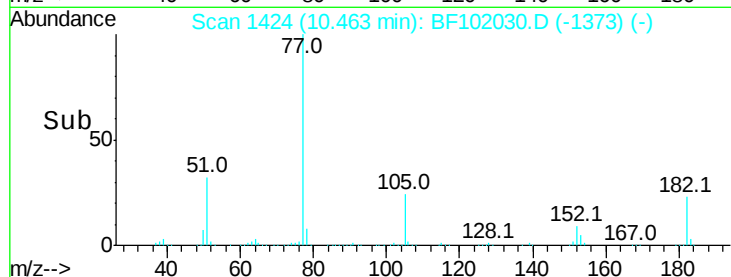


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

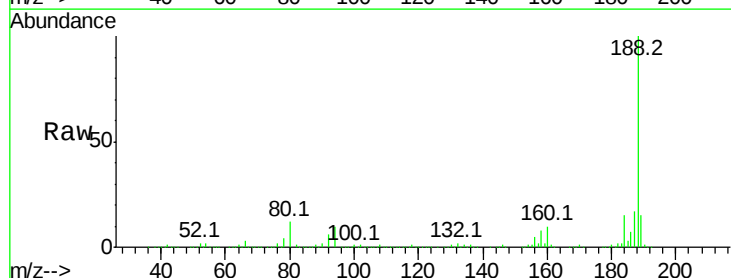
Tgt Ion: 188 Resp: 423419

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

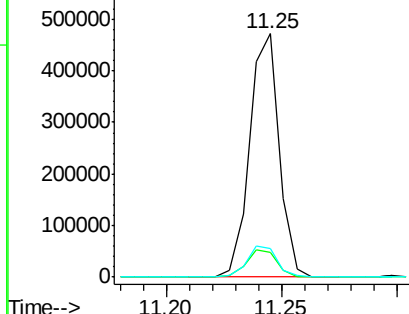
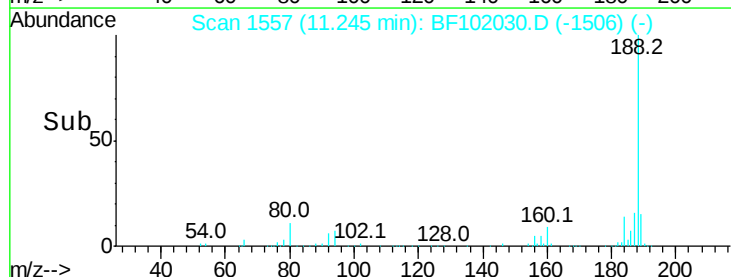
80 11.6 9.2 13.8

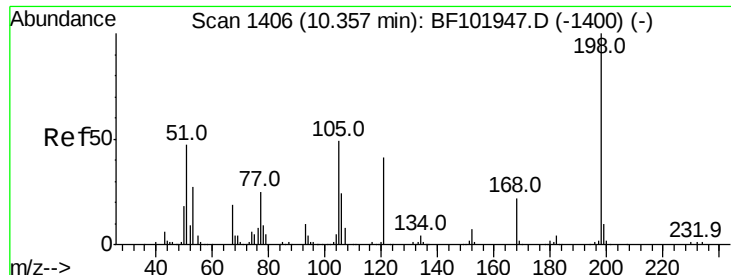


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 31.523 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

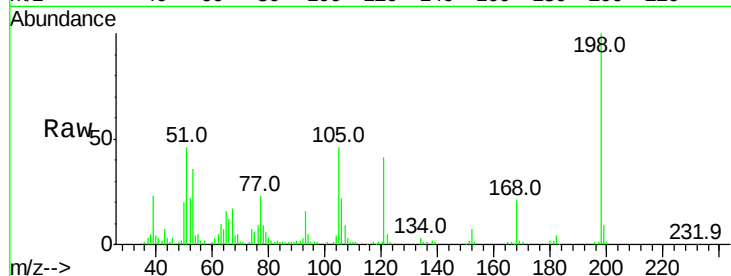
Tot Ion:198 Resp: 67424

Ion Ratio Lower Upper

198 100

51 46.2 37.7 77.7

105 46.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

200000

150000

100000

50000

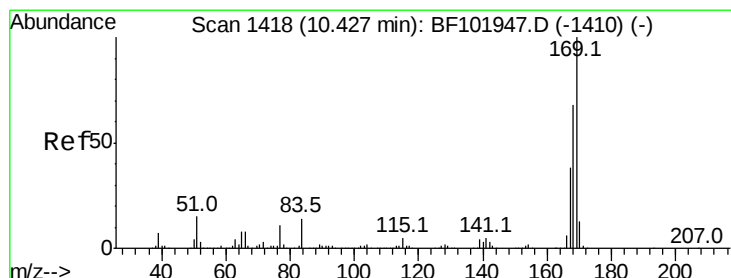
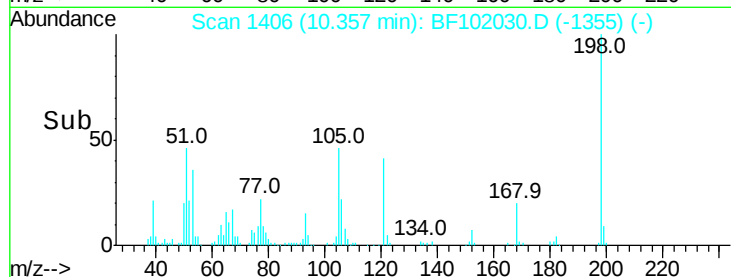
0

10.30

10.35

10.36

Time-->



#65

n-Nitrosodiphenylamine

Concen: 40.155 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

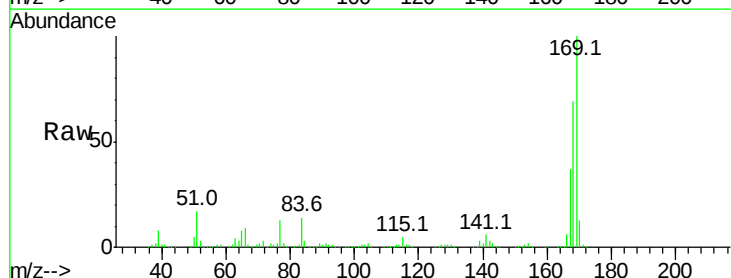
Tgt Ion:169 Resp: 636669

Ion Ratio Lower Upper

169 100

168 69.3 54.4 81.6

167 36.8 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

800000

600000

400000

200000

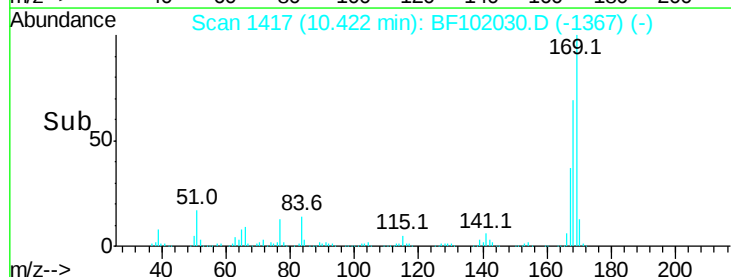
0

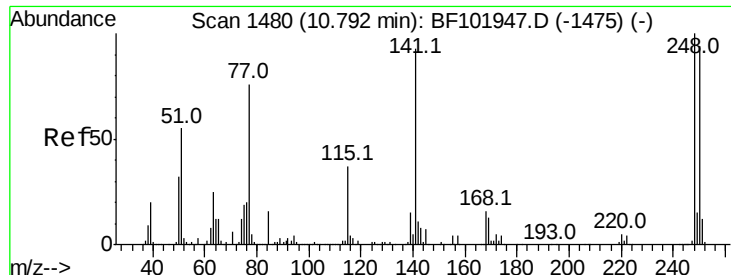
10.40

10.42

10.50

Time-->

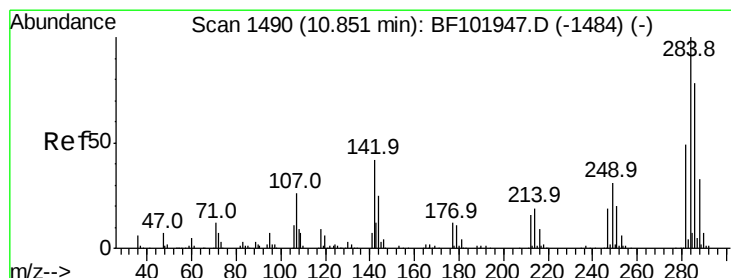
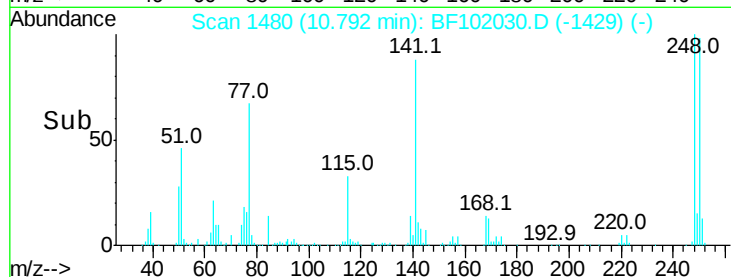
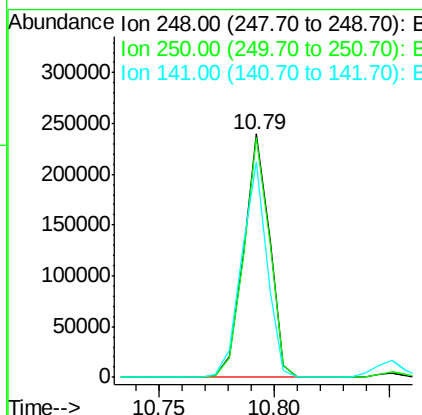
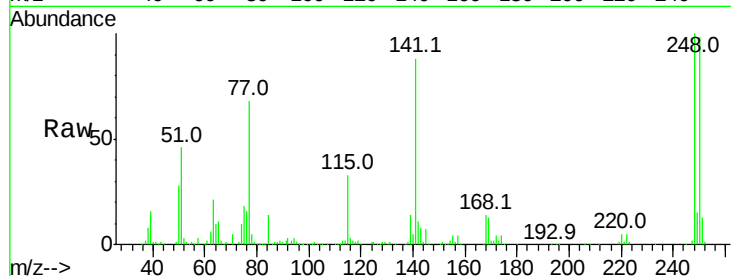




#66
 4-Bromophenyl-phenylether
 Concen: 41.933 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

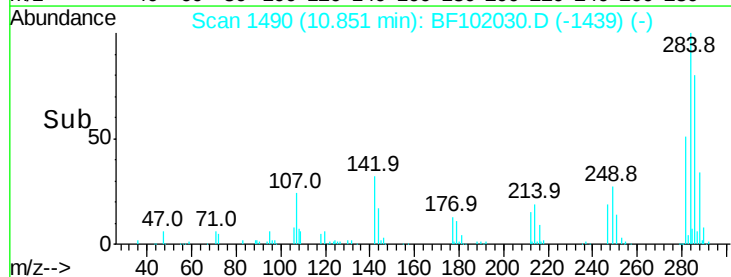
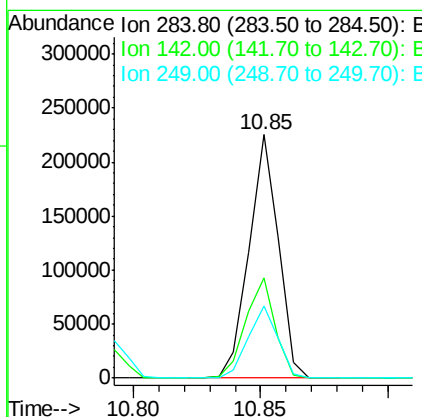
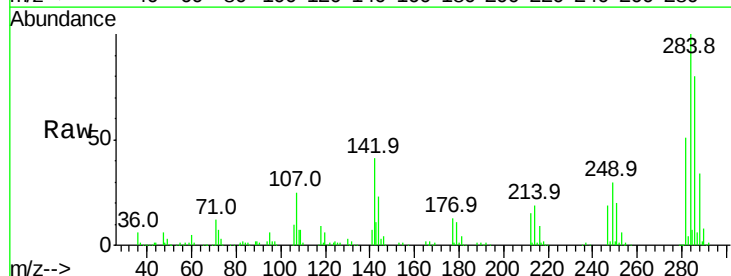
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

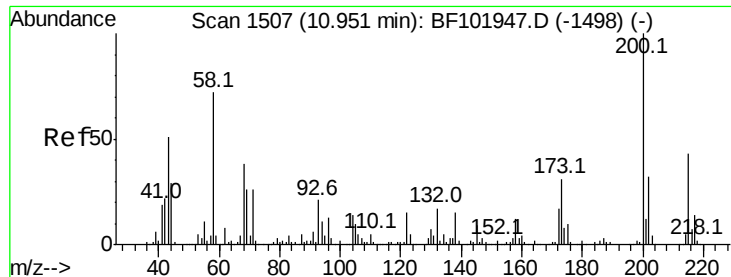
Tot Ion:248 Resp: 187502
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 88.4 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 37.089 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion:284 Resp: 181049
 Ion Ratio Lower Upper
 284 100
 142 41.0 34.6 52.0
 249 29.8 24.8 37.2

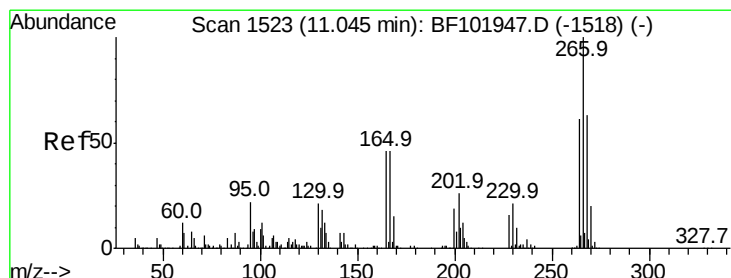
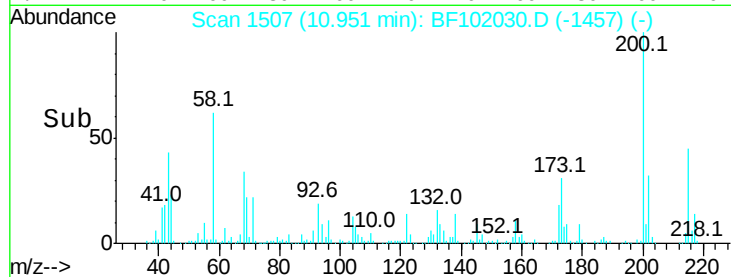
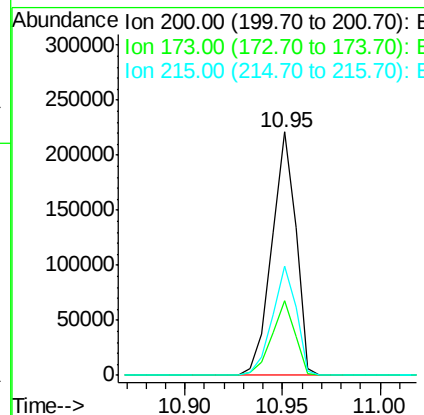
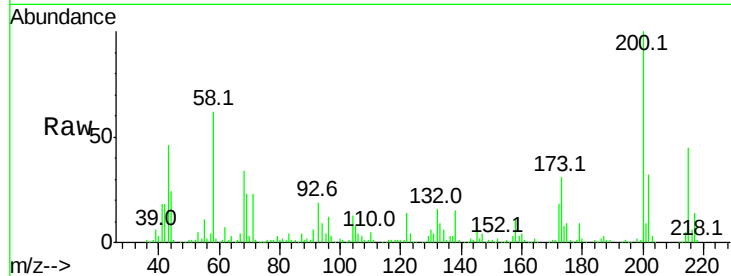




#68
Atrazine
Concen: 41.330 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

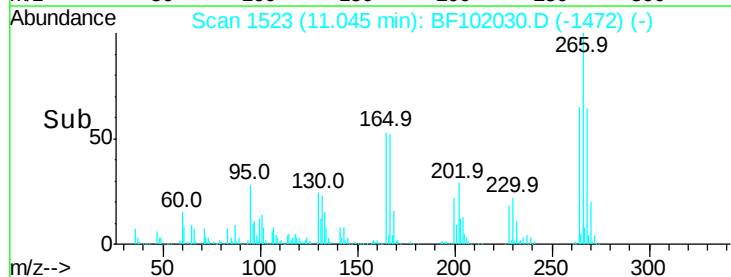
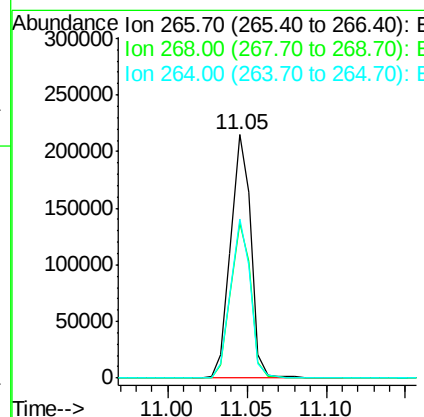
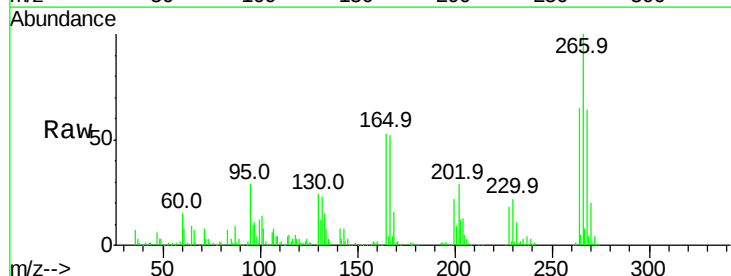
Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

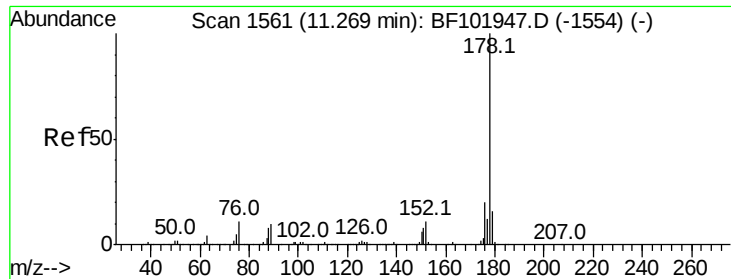
Tot Ion:200 Resp: 189378
Ion Ratio Lower Upper
200 100
173 30.8 8.6 48.6
215 44.7 25.1 65.1



#69
Pentachlorophenol
Concen: 64.331 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:266 Resp: 191493
Ion Ratio Lower Upper
266 100
268 63.9 51.1 76.7
264 65.2 49.5 74.3

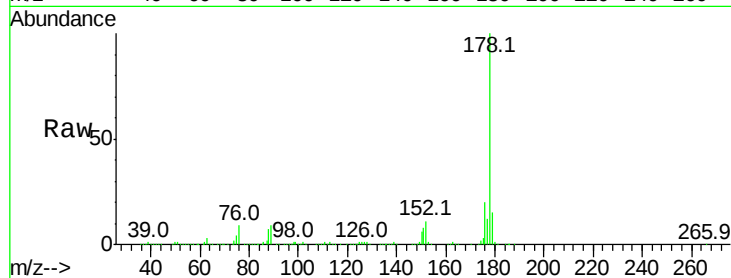




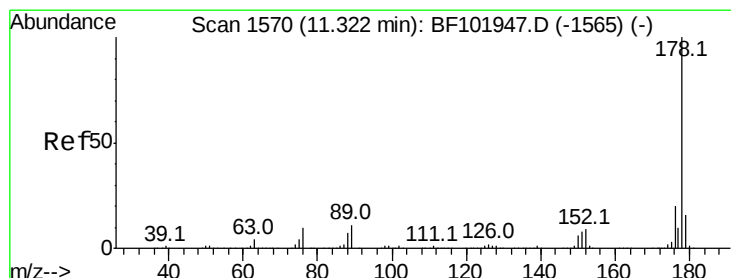
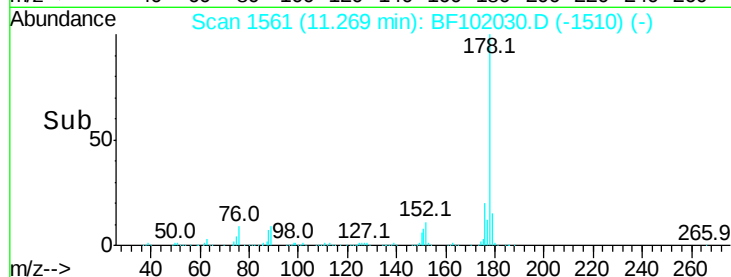
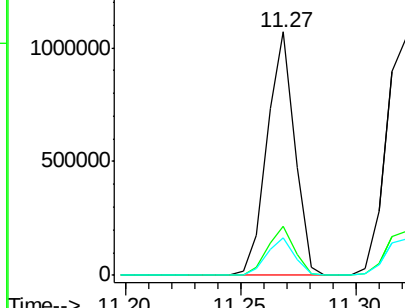
#70
Phenanthrene
Concen: 35.756 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion:178 Resp: 884358
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.3 13.0 19.6

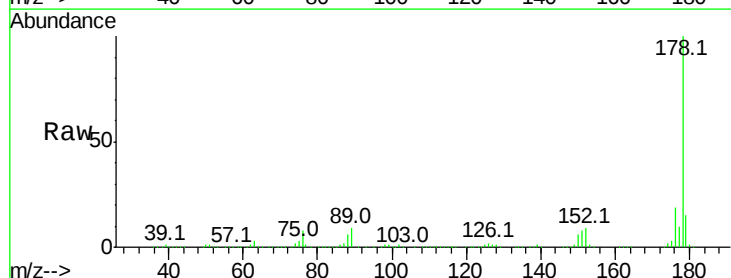


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

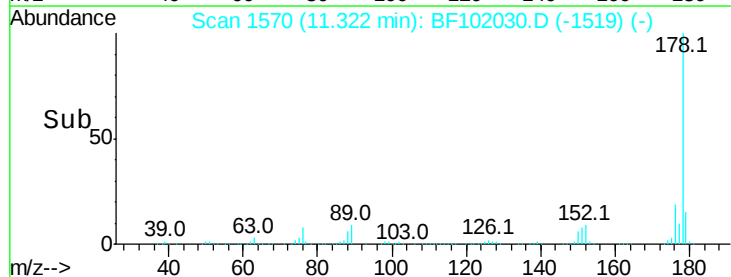
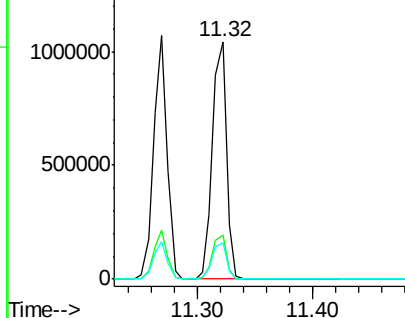


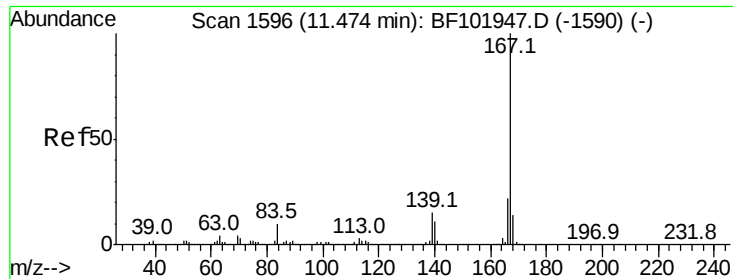
#71
Anthracene
Concen: 35.539 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:178 Resp: 891459
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.3 12.6 19.0



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





#72

Carbazole

Concen: 32.401 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

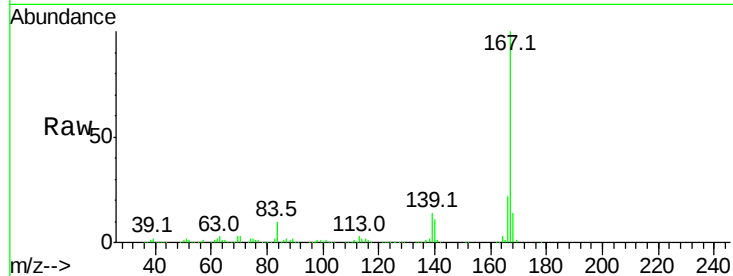
Tot Ion:167 Resp: 798851

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

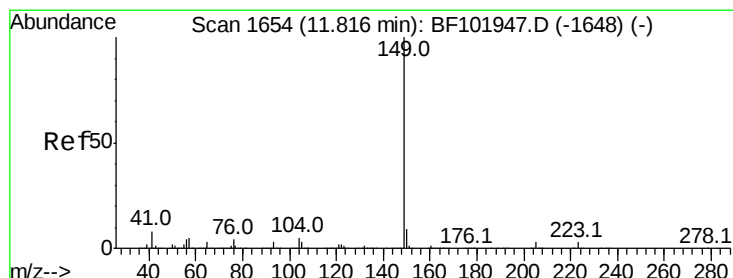
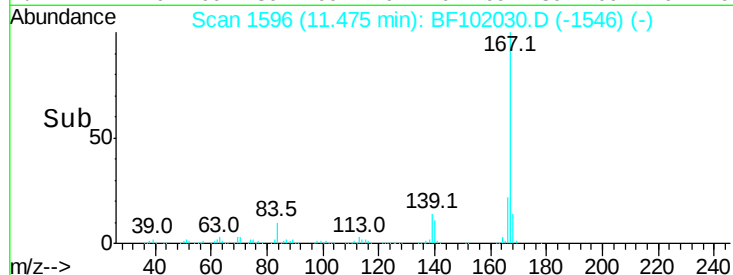
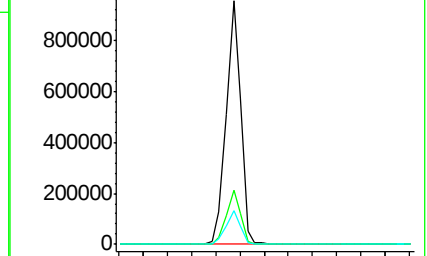
139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.503 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

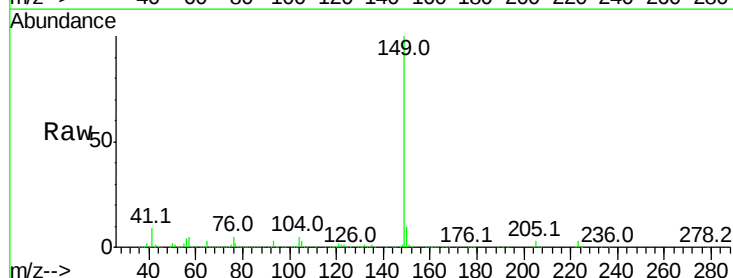
Tgt Ion:149 Resp: 1104162

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

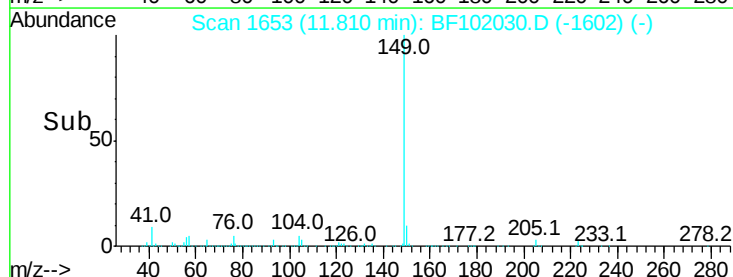
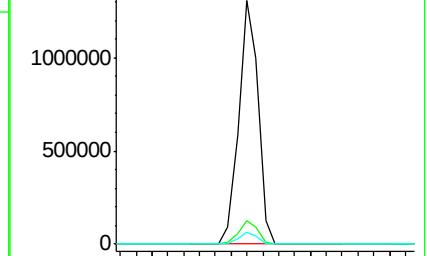
104 4.8 3.8 5.8

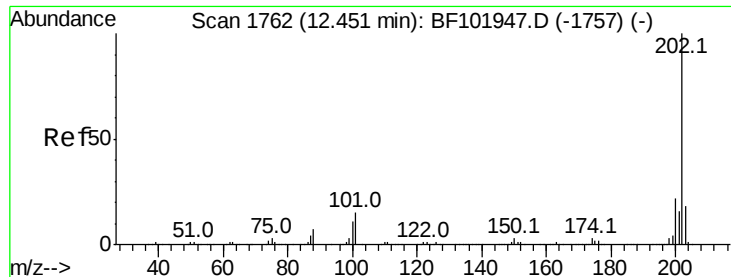


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

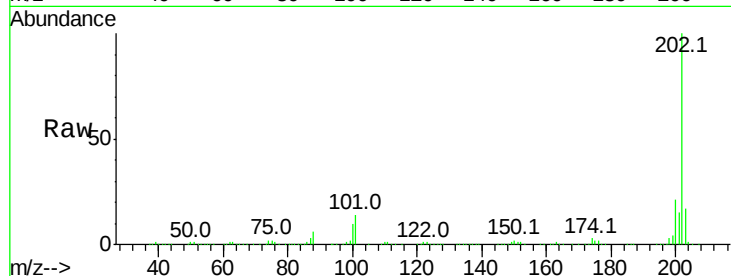




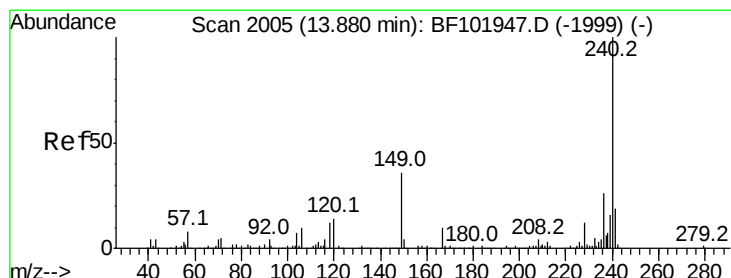
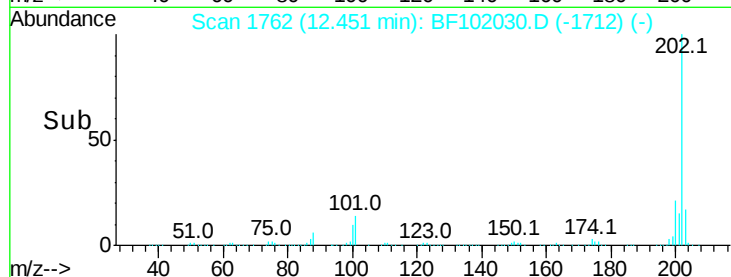
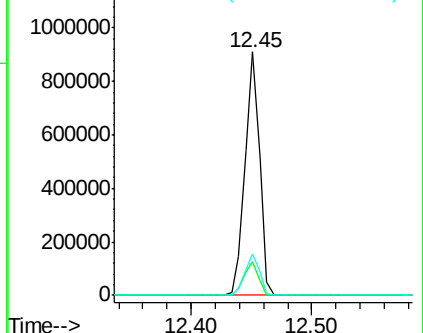
#74
Fluoranthene
Concen: 31.769 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.1	0.0	38.1

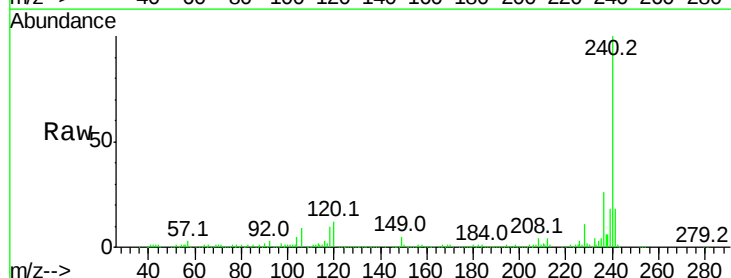


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

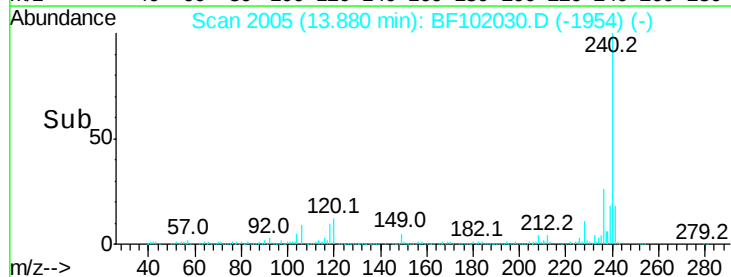
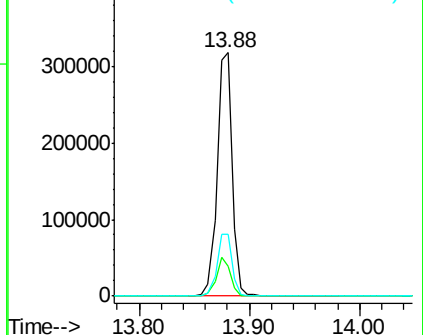


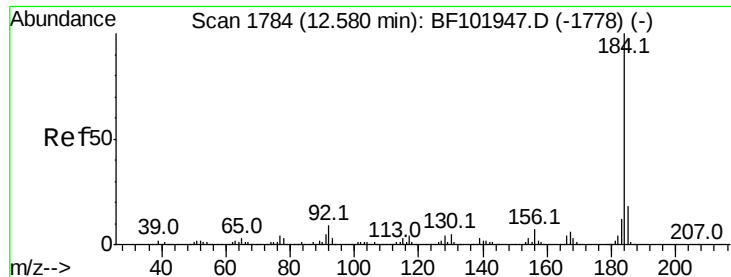
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	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: 14.812 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

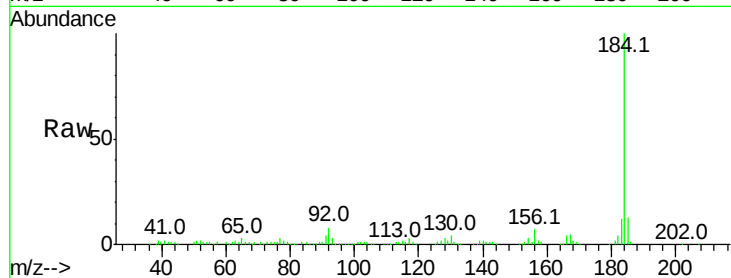
Tot Ion:184 Resp: 214586

Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	11.7	9.3	13.9

184 100

185 13.4 12.6 18.8

183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.58

200000

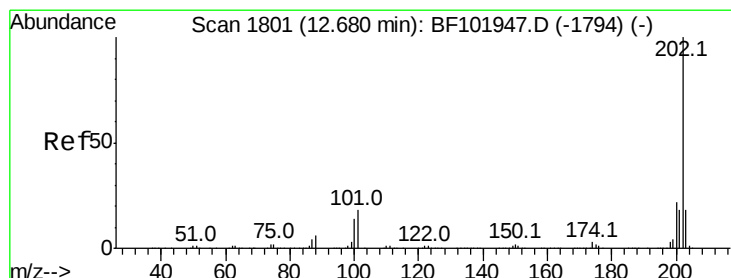
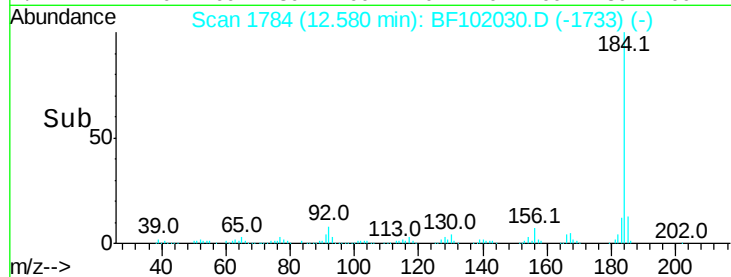
150000

100000

50000

0

Time--> 12.50 12.55 12.60 12.65



#77

Pyrene

Concen: 29.393 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

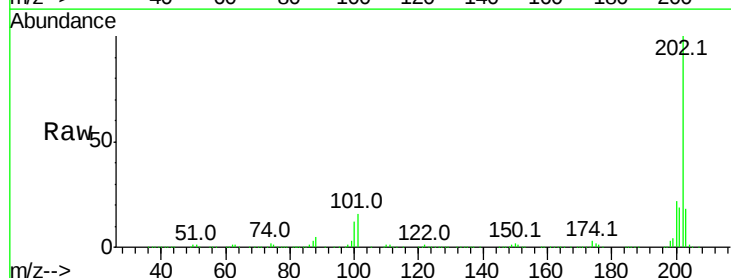
Tgt Ion:202 Resp: 779514

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

202 100

200 21.7 17.4 26.2

203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.68

1000000

800000

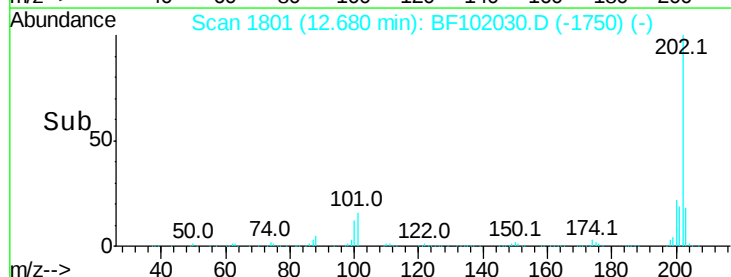
600000

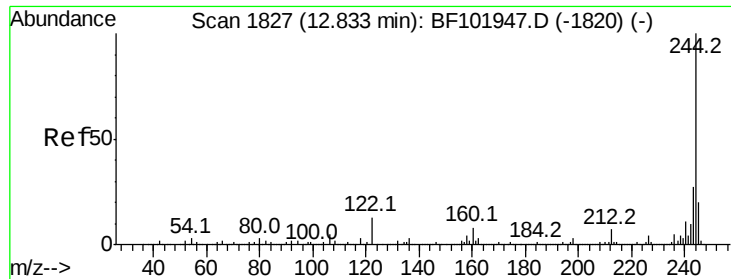
400000

200000

0

Time--> 12.60 12.70 12.80

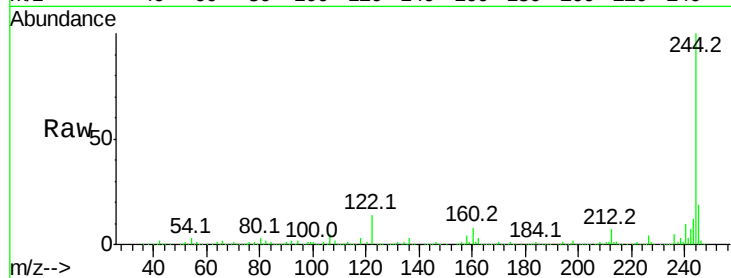




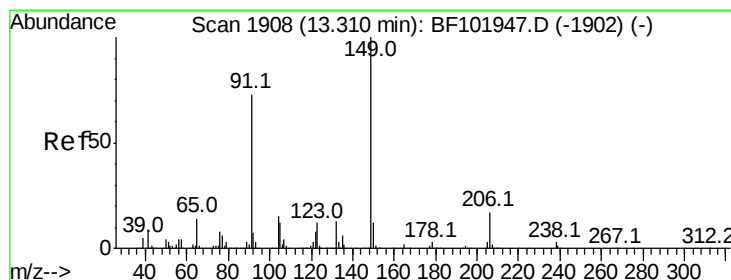
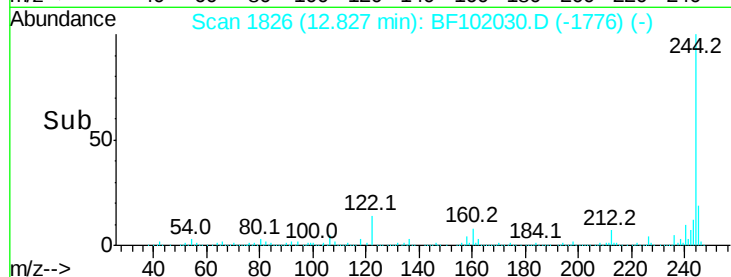
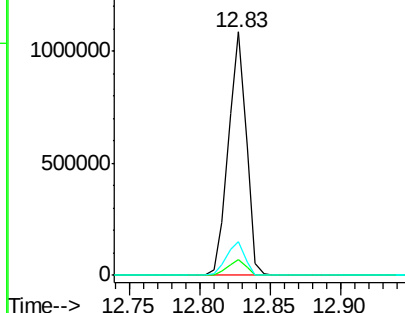
#78
 Terphenyl-d14
 Concen: 66.272 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion:244 Resp: 957640
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.9 11.0 16.4

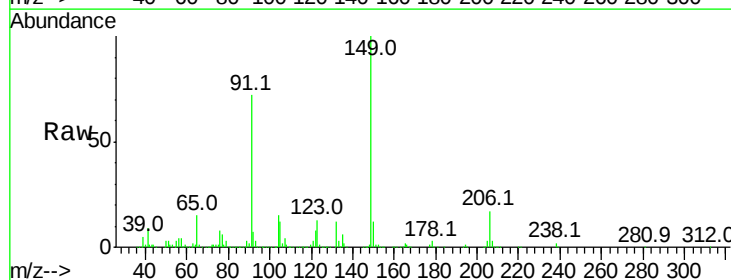


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

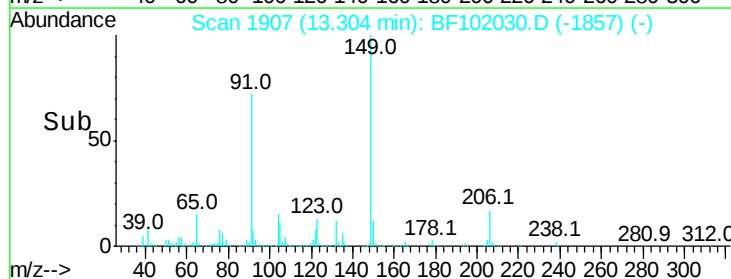
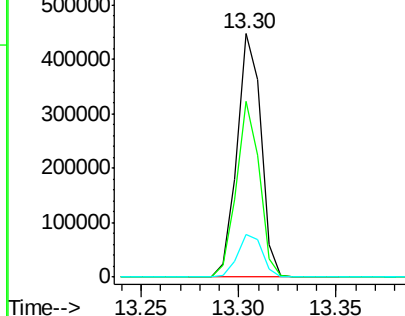


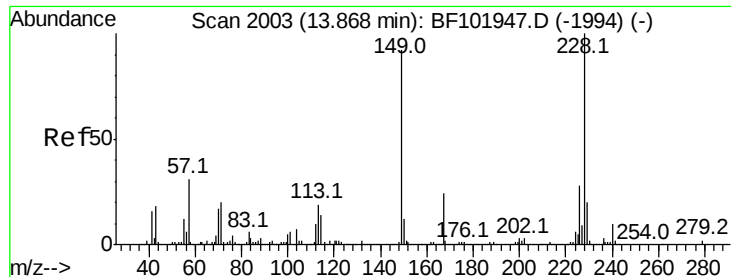
#79
 Butylbenzylphthalate
 Concen: 31.368 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion:149 Resp: 381777
 Ion Ratio Lower Upper
 149 100
 91 72.1 56.8 85.2
 206 17.3 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 34.627 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

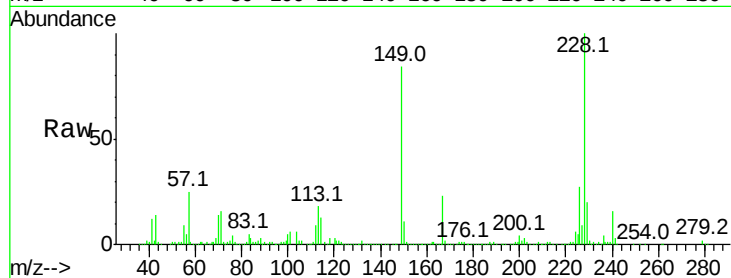
Tot Ion:228 Resp: 662844

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

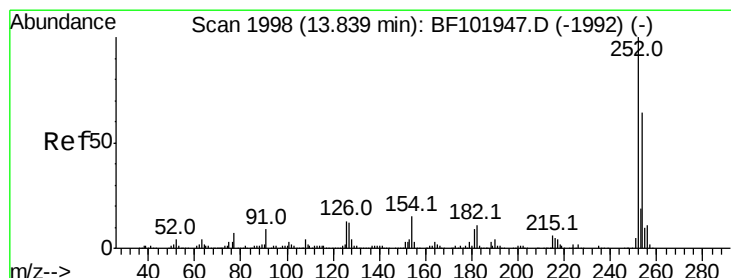
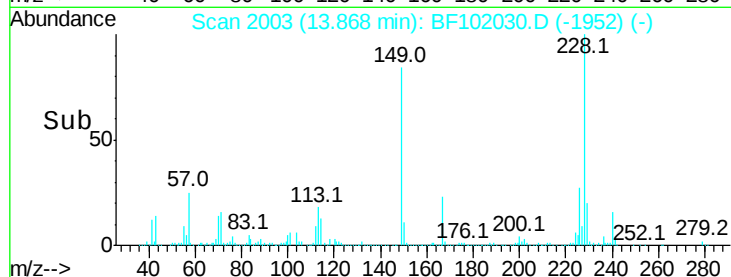
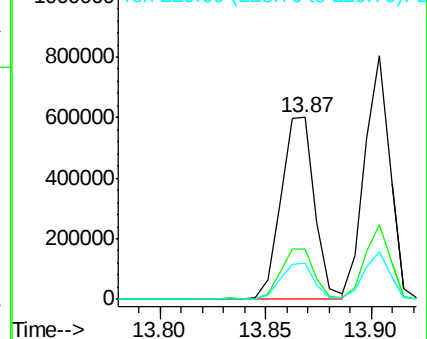
229 19.7 15.8 23.6



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: 31.111 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

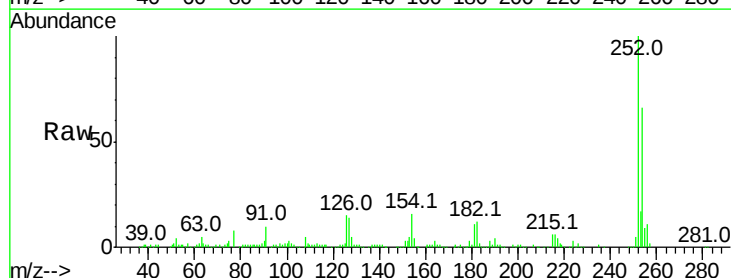
Tgt Ion:252 Resp: 220507

Ion Ratio Lower Upper

252 100

254 65.9 50.4 75.6

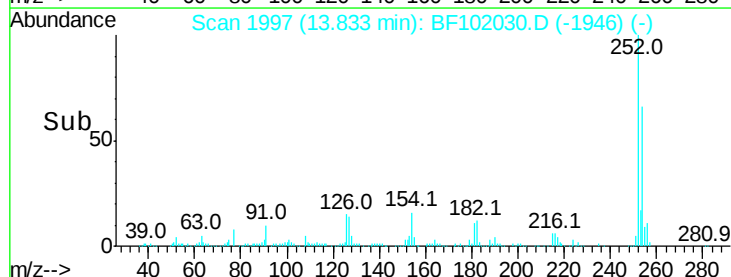
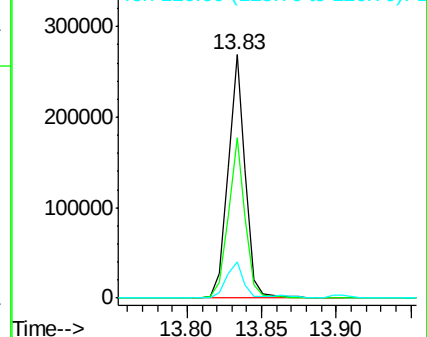
126 14.9 11.3 16.9

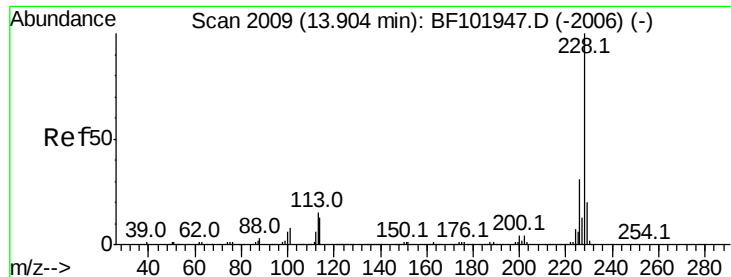


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.914 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

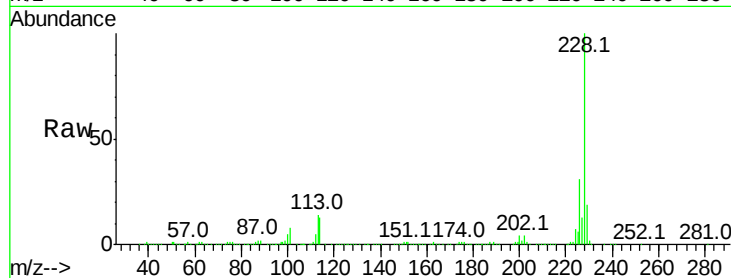
Tot Ion:228 Resp: 676933

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

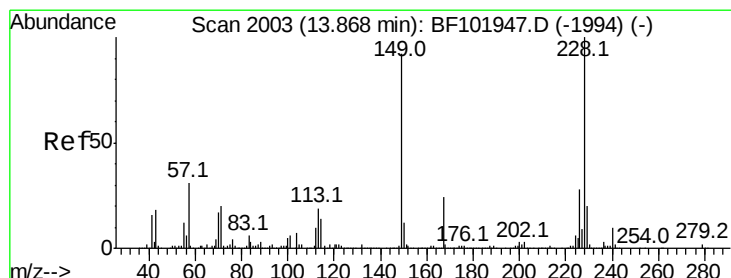
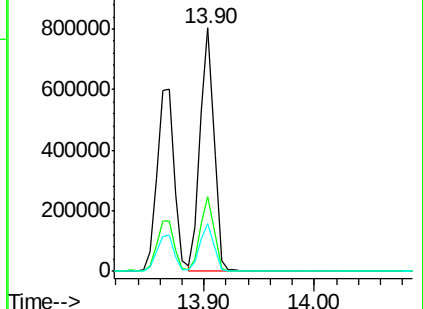
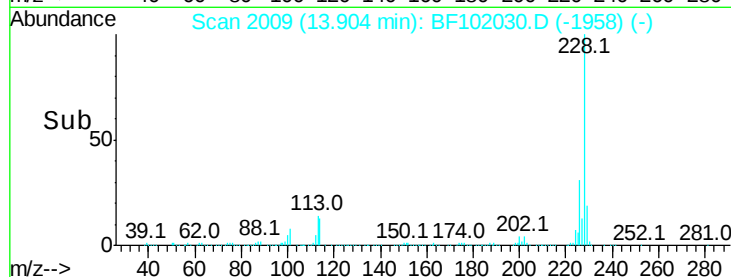
229 19.5 16.2 24.4



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: 32.961 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

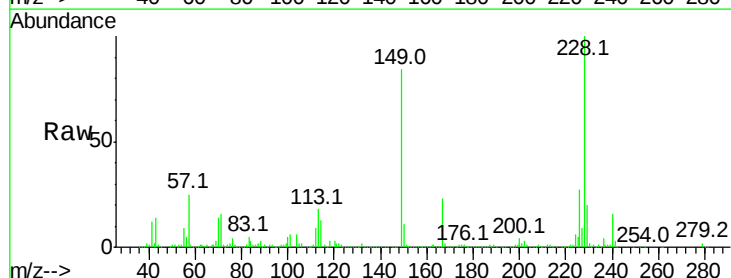
Tgt Ion:149 Resp: 460193

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

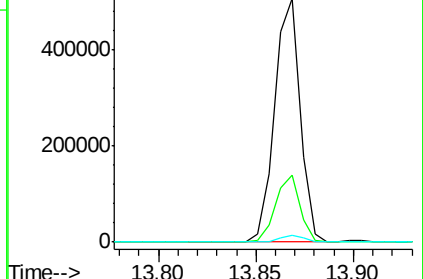
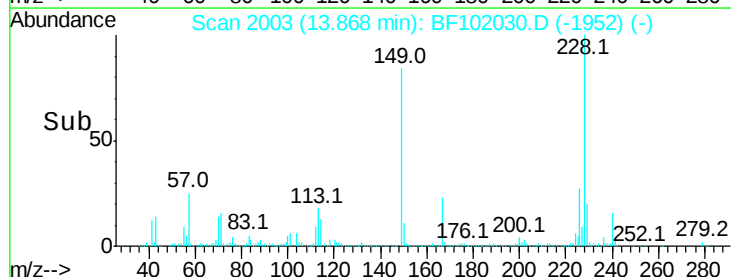
279 2.9 3.0 4.4#

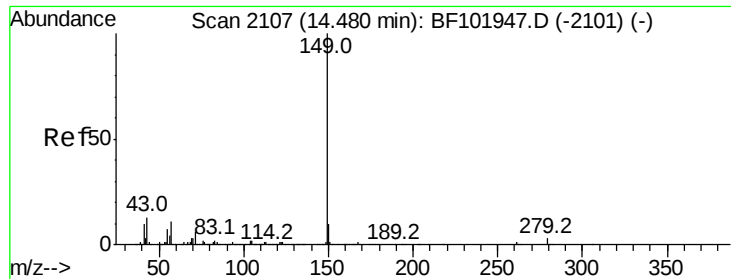


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

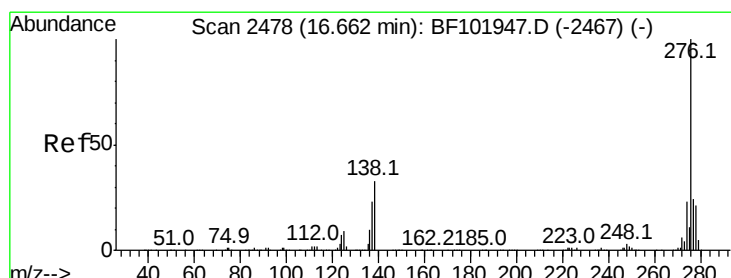
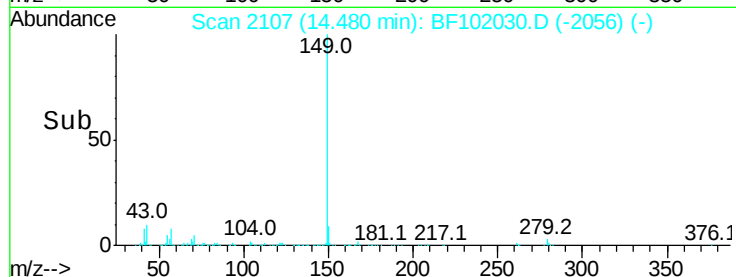
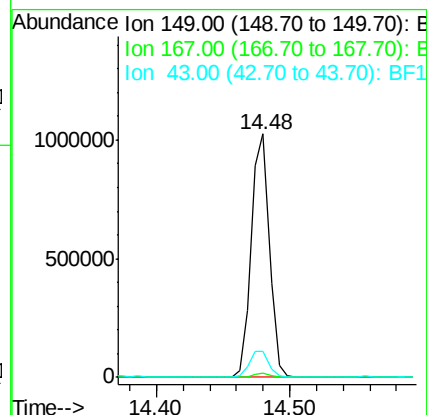
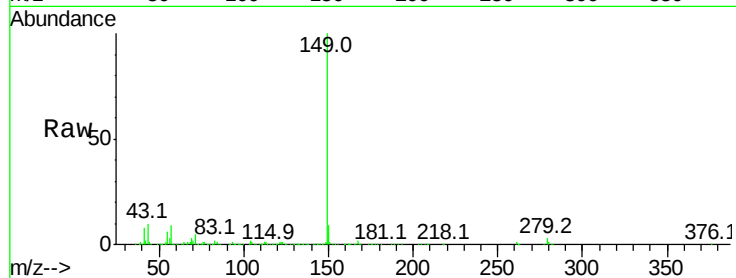




#84
Di-n-octyl phthalate
Concen: 40.910 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

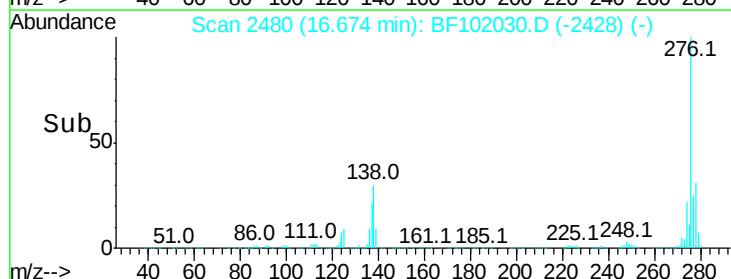
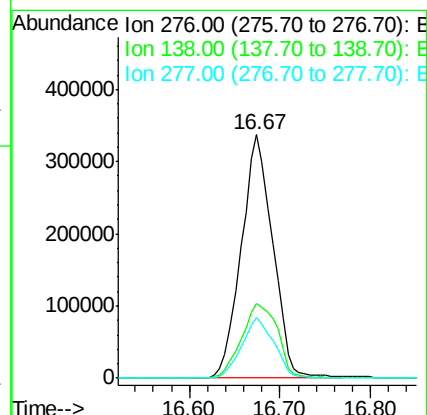
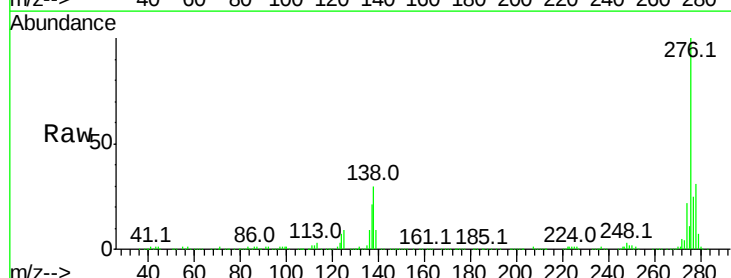
Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

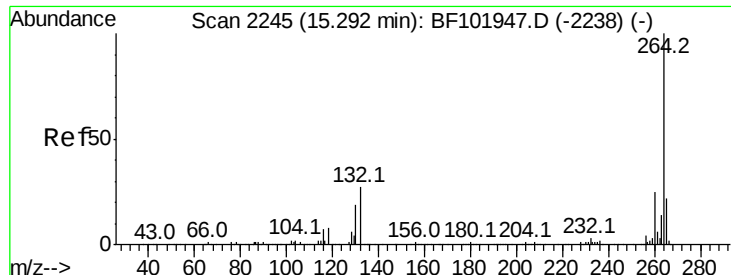
Tot Ion:149 Resp: 947819
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 56.227 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:276 Resp: 816852
Ion Ratio Lower Upper
276 100
138 35.1 25.0 37.6
277 25.3 20.1 30.1

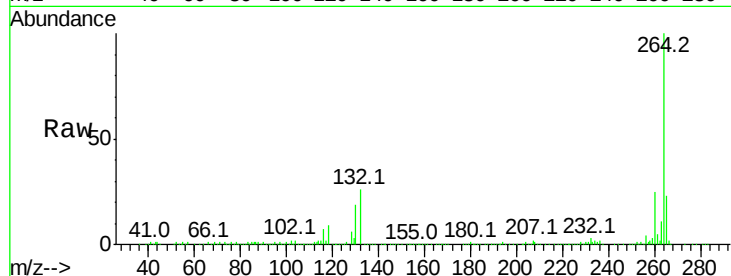




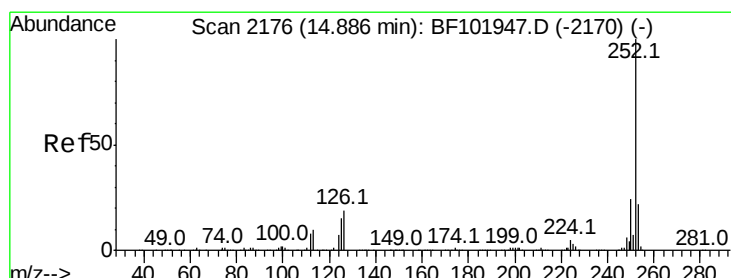
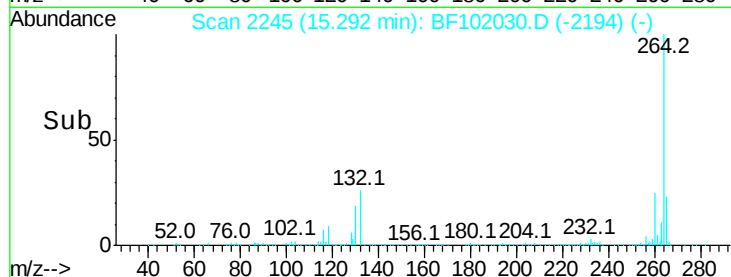
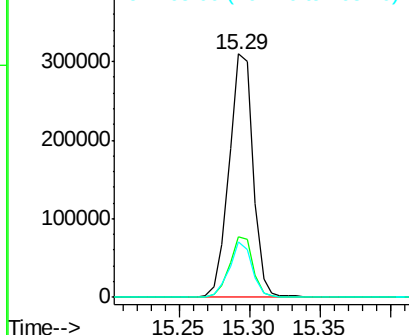
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion:264 Resp: 367284
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 22.8 17.5 26.3

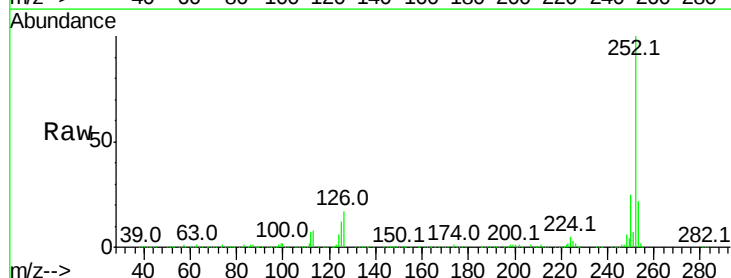


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

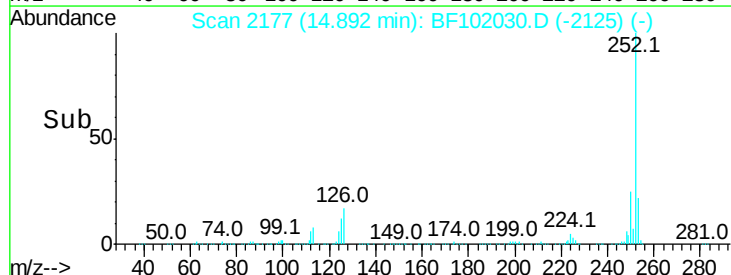
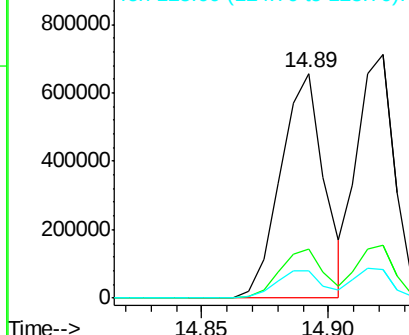


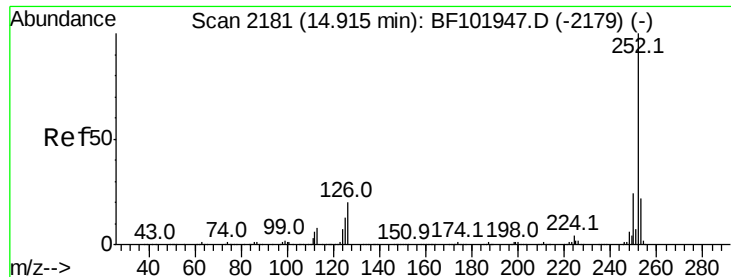
#87
Benzo(b)fluoranthene
Concen: 32.744 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion:252 Resp: 784165
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.1 9.0 13.6



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





#88

Benzo(k)fluoranthene

Concen: 31.928 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

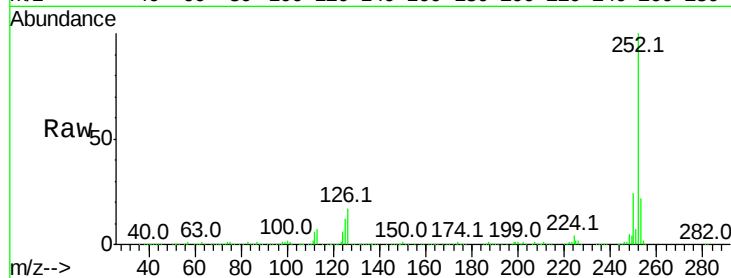
Tot Ion:252 Resp: 737612

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

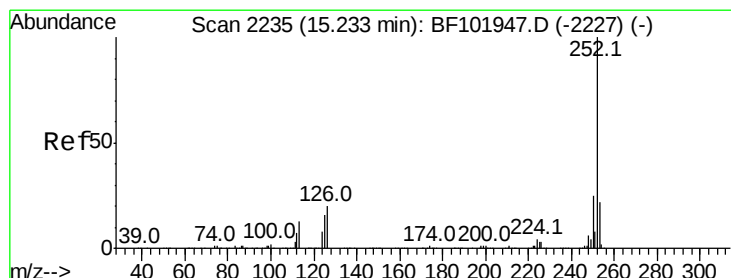
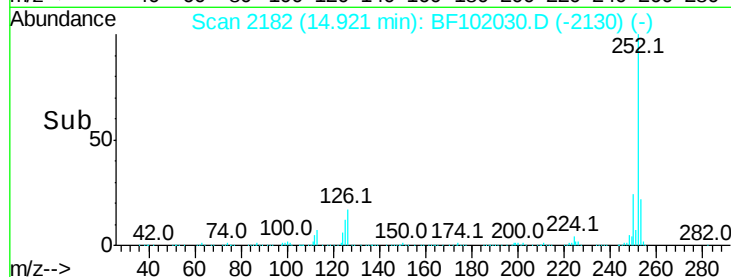
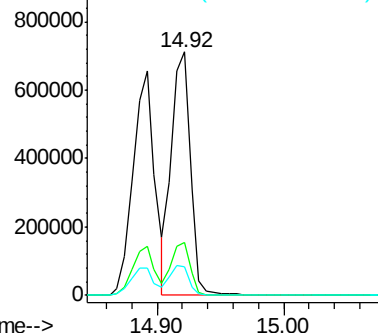
125 11.9 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 35.822 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

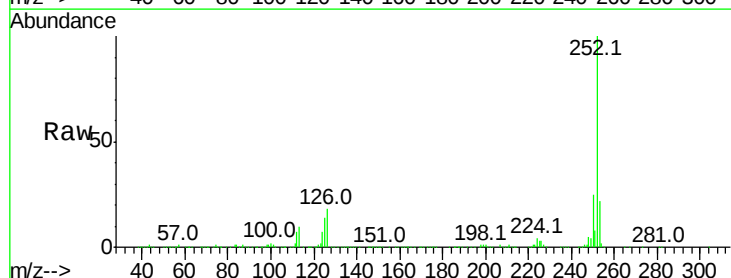
Tgt Ion:252 Resp: 771969

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

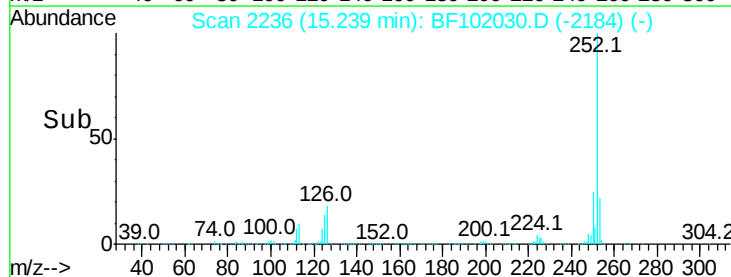
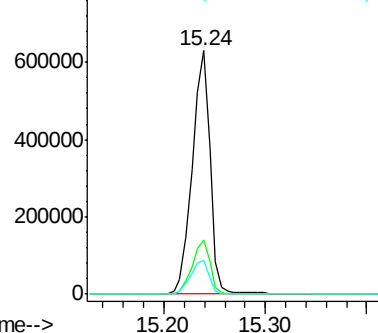
125 14.1 9.8 14.6

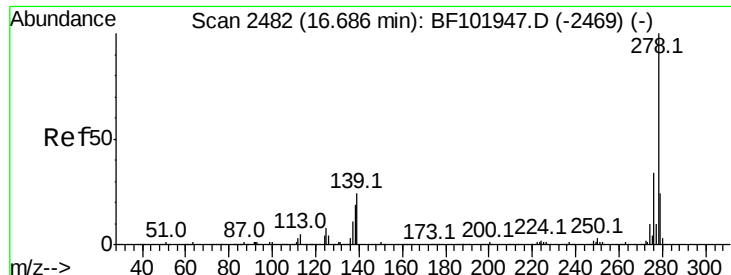


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 40.421 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

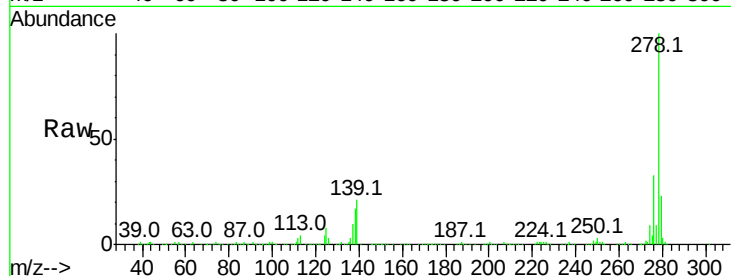
Tot Ion:278 Resp: 695144

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

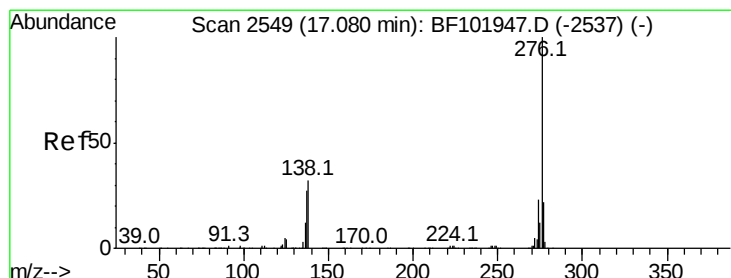
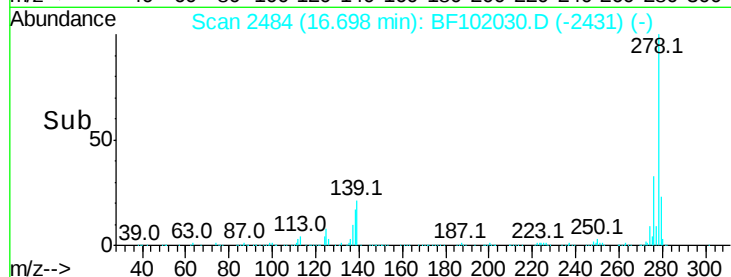
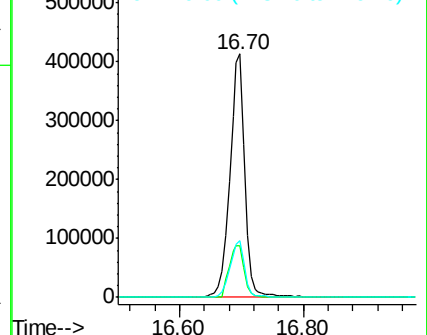
279 23.3 19.0 28.4



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: 37.959 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

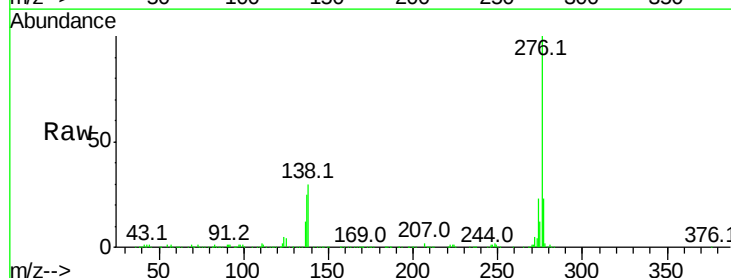
Tgt Ion:276 Resp: 657588

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 30.1 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

