

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102264.D
 Acq On : 20 Jan 2018 14:31
 Operator : SJ/JU
 Sample : J1115-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:22:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

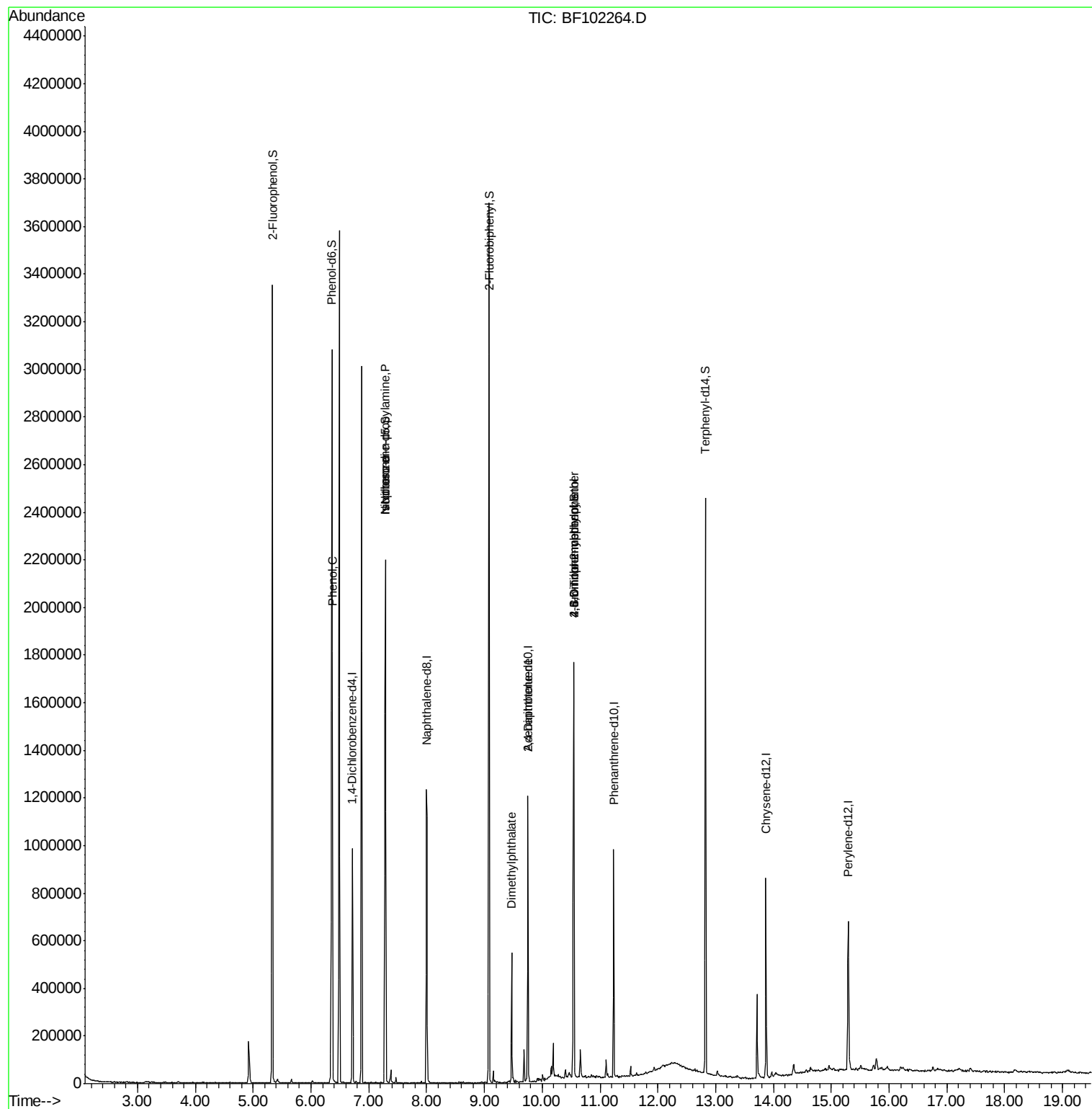
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144569	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	573089	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	234966	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	342267	20.00	ng	0.00
75) Chrysene-d12	13.87	240	278912	20.00	ng	0.00
86) Perylene-d12	15.29	264	249847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1002999	97.97	ng	0.00
7) Phenol-d6	6.36	99	1215100	99.48	ng	0.00
23) Nitrobenzene-d5	7.29	82	742828	76.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	203723	99.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1162892	77.32	ng	0.00
78) Terphenyl-d14	12.82	244	798765	59.46	ng	0.00
Target Compounds						
10) Phenol	6.37	94	55111	3.992	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	97237	12.147	ng	# 80
25) Isophorone	7.29	82	742815	38.548	ng	# 64
49) Dimethylphthalate	9.47	163	215886	11.453	ng	100
56) 2,4-Dinitrotoluene	9.75	165	28719	6.086	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	380	5.842	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13154	3.639	ng	# 1

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

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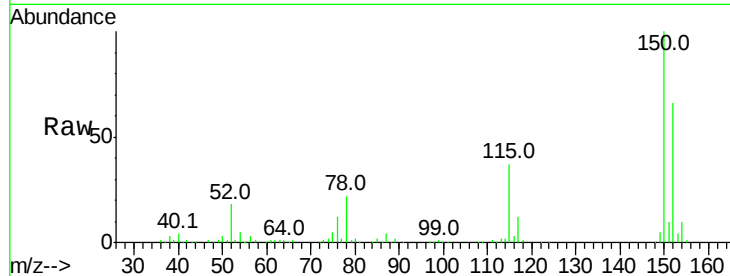


#1

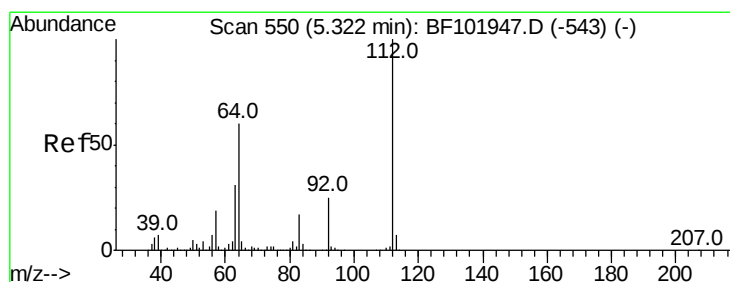
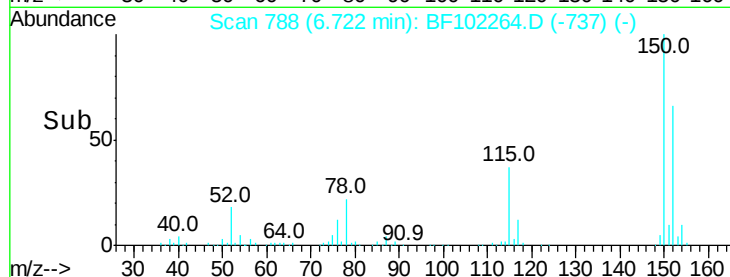
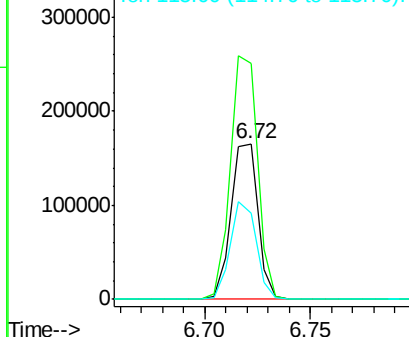
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144569
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 55.8 50.1 75.1



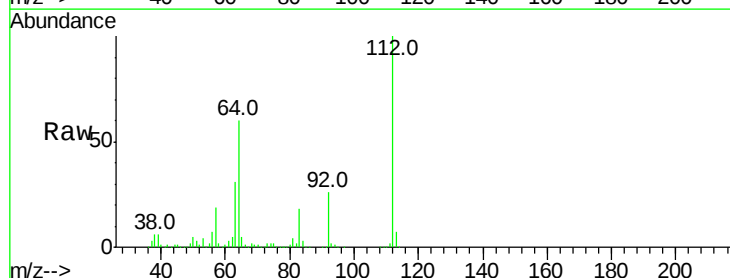
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



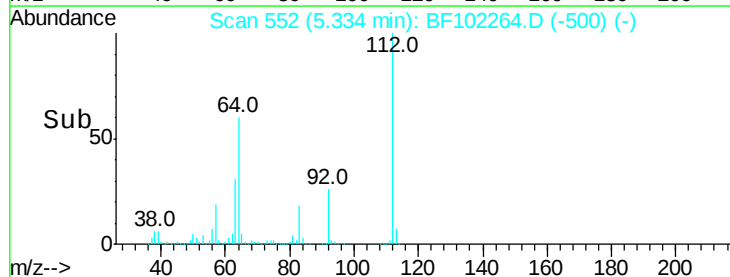
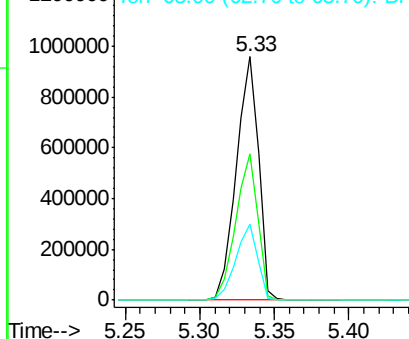
#5

2-Fluorophenol
Concen: 97.968 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion:112 Resp: 1002999
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.9 23.7 35.5



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





#7

Phenol-d6

Concen: 99.476 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

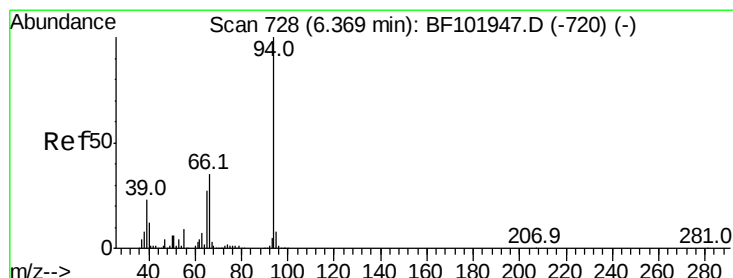
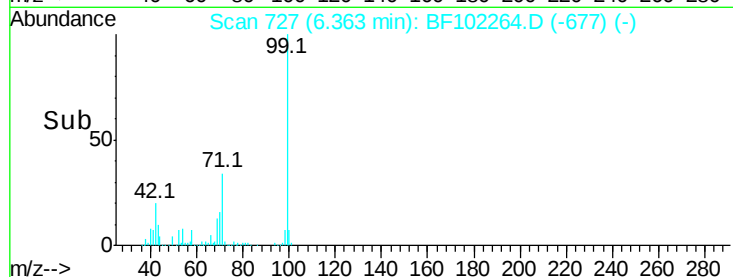
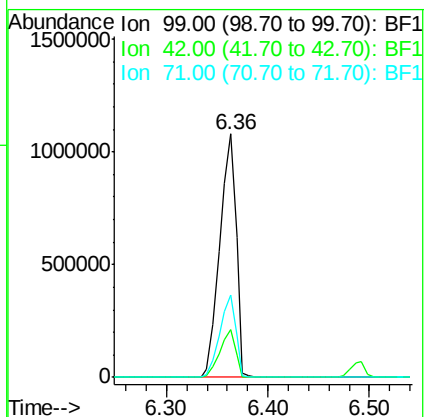
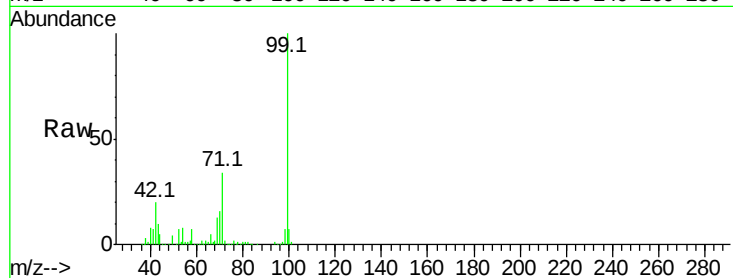
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1215100

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.0	25.4	38.0



#10

Phenol

Concen: 3.992 ng

RT: 6.37 min Scan# 729

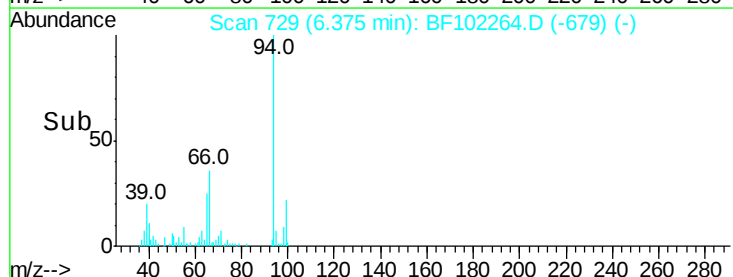
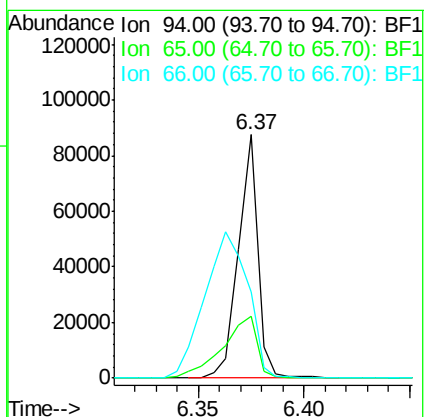
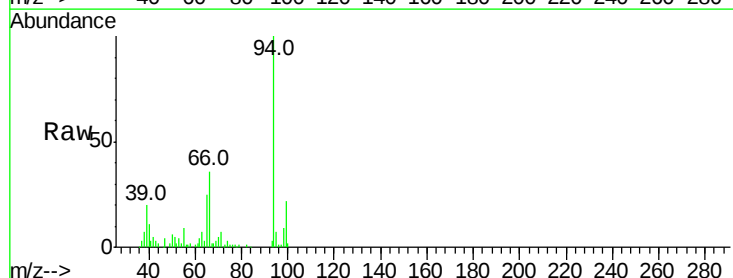
Delta R.T. -0.01 min

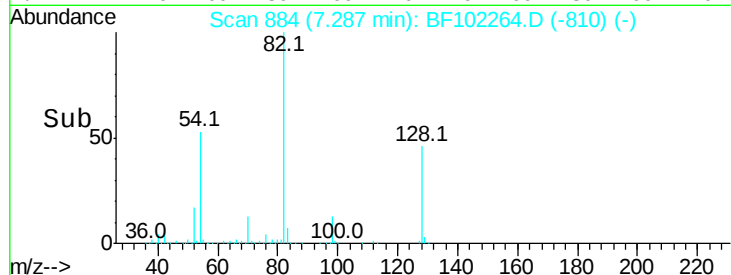
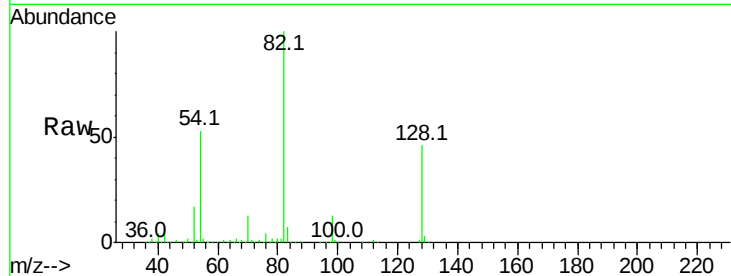
Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

Tgt Ion: 94 Resp: 55111

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	35.5	16.2	56.2

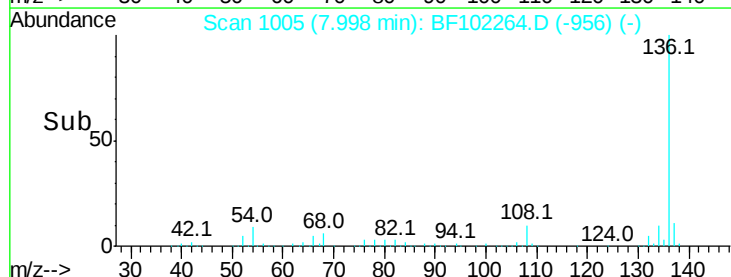
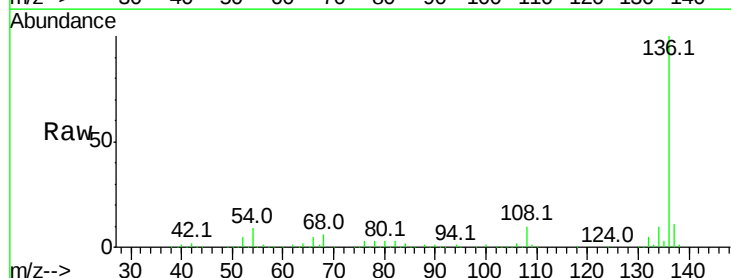
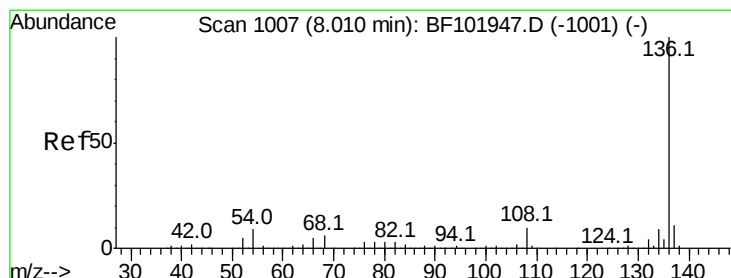
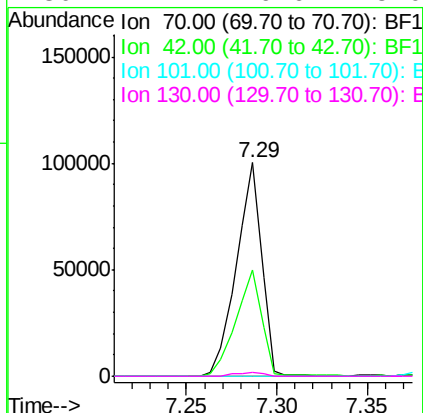




#19
n-Nitroso-di-n-propylamine
Concen: 12.147 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

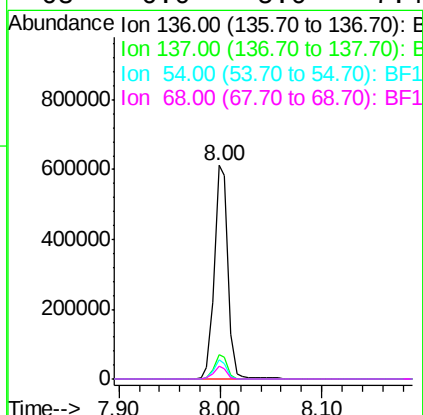
Instrument :
BNA_F
ClientSampleId :

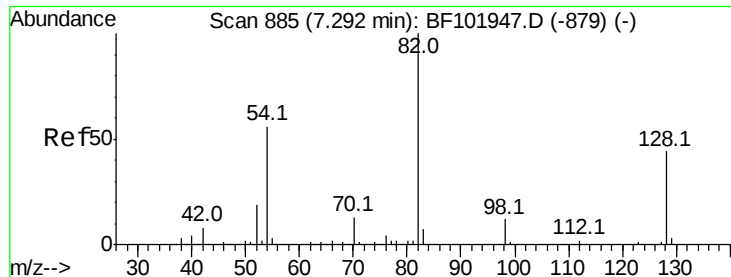
Tot Ion: 70 Resp: 97237
Ion Ratio Lower Upper
70 100
42 50.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion:136 Resp: 573089
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.0 6.6 9.8
68 6.0 5.0 7.4

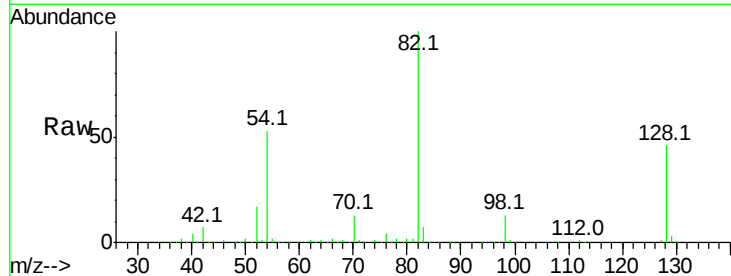




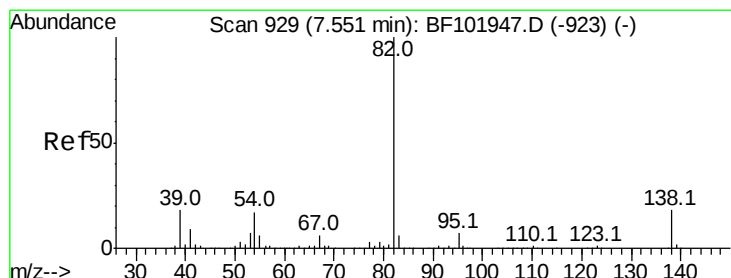
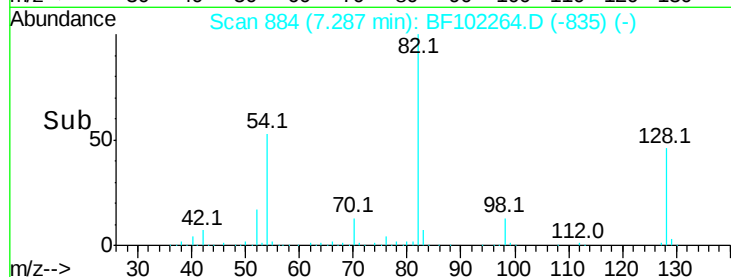
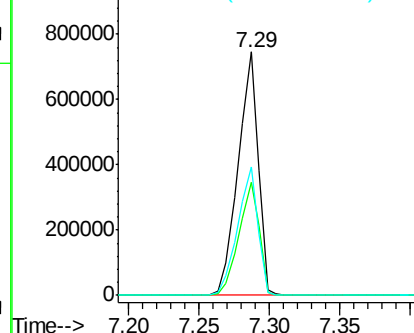
#23
Nitrobenzene-d5
Concen: 76.169 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 742828
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 52.9 41.4 62.2

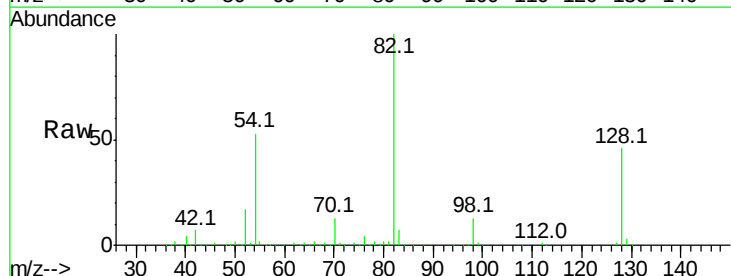


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

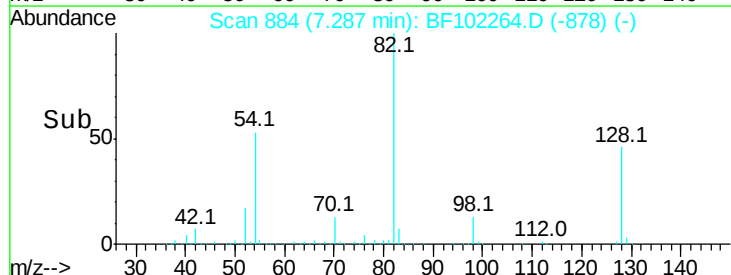
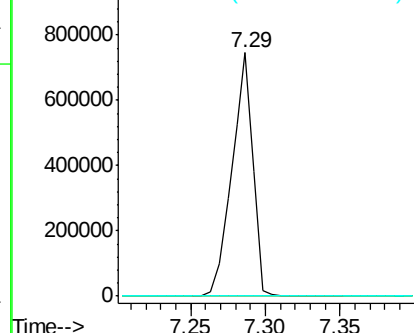


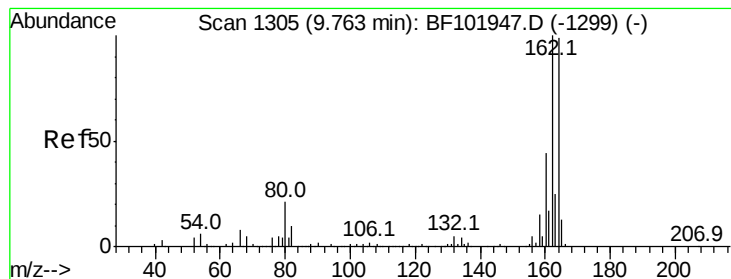
#25
Isophorone
Concen: 38.548 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion: 82 Resp: 742815
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

Instrument :

BNA_F

ClientSampleId :

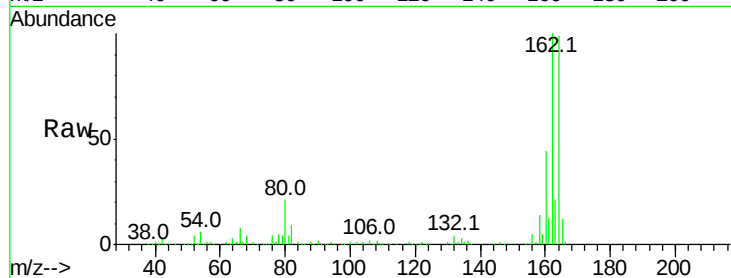
Tot Ion:164 Resp: 234966

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

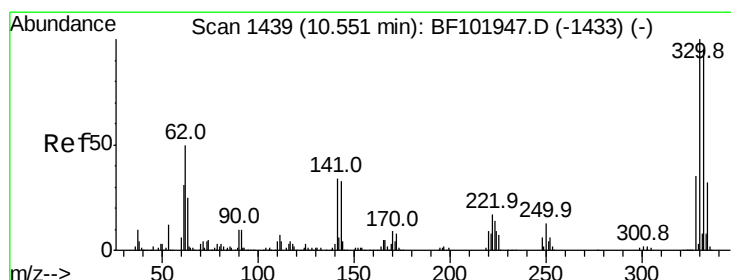
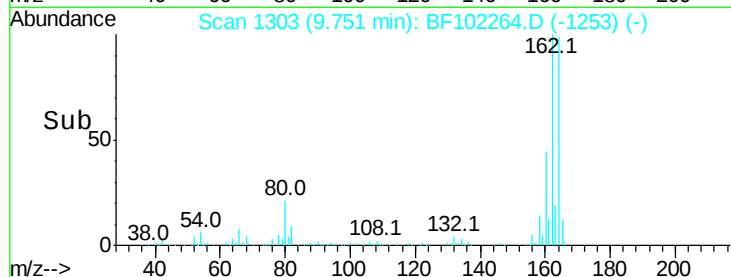
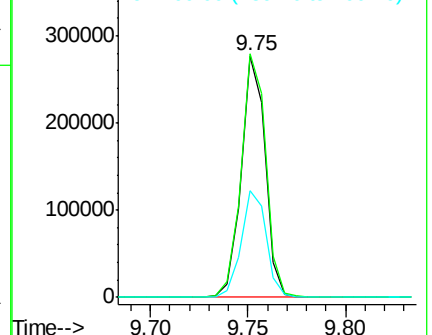
160 43.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 99.352 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

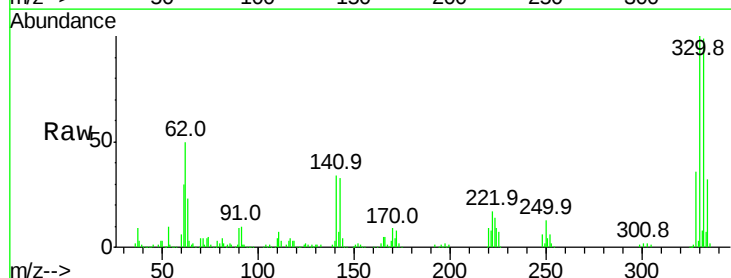
Tgt Ion:330 Resp: 203723

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

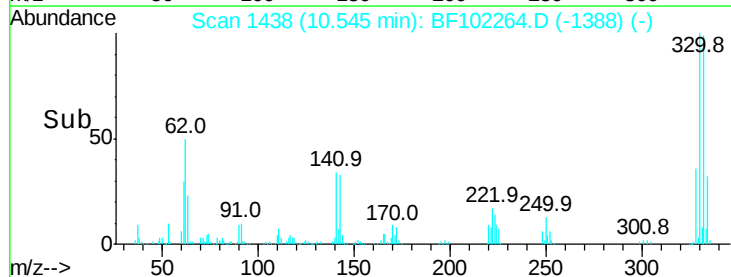
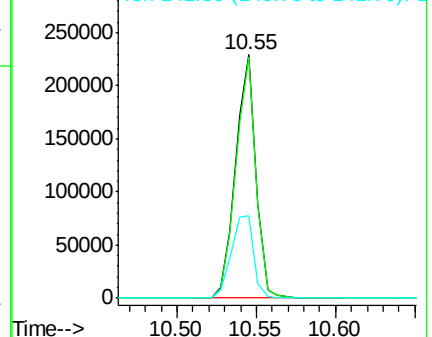
141 37.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



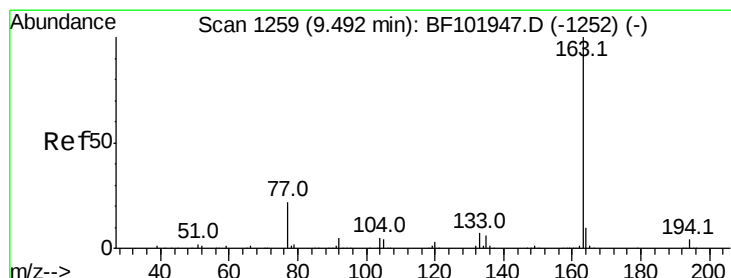
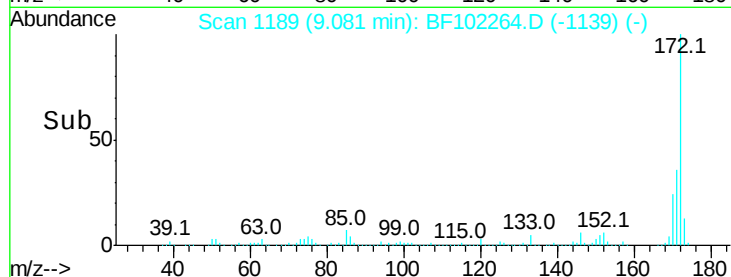
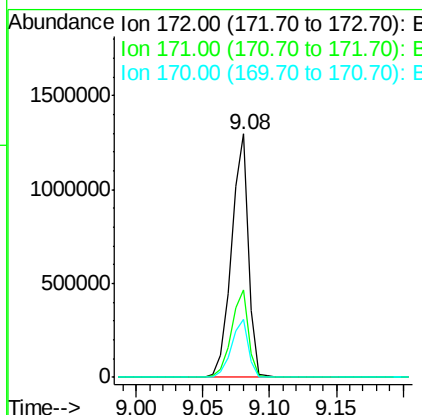
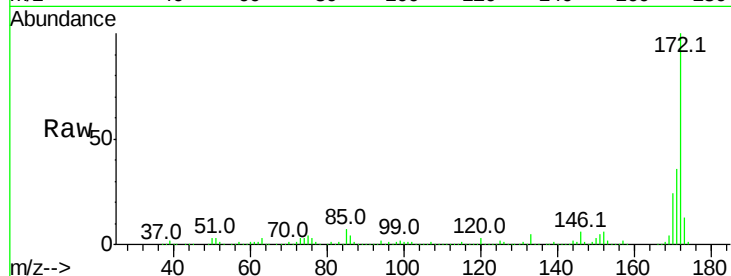


#44
 2-Fluorobiphenyl
 Concen: 77.320 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1162892

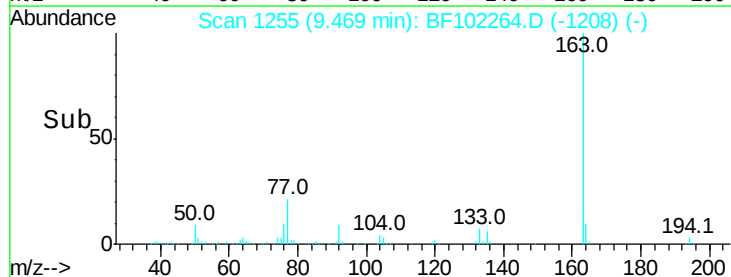
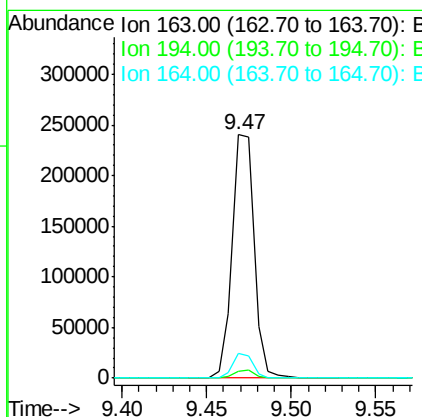
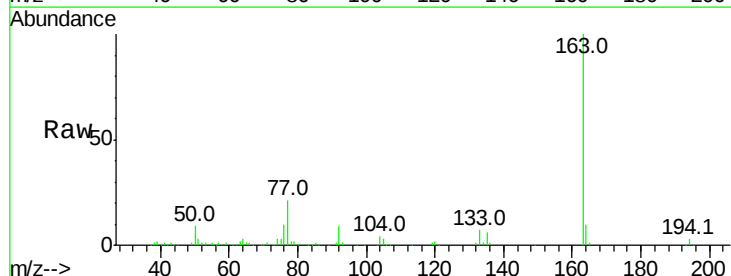
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

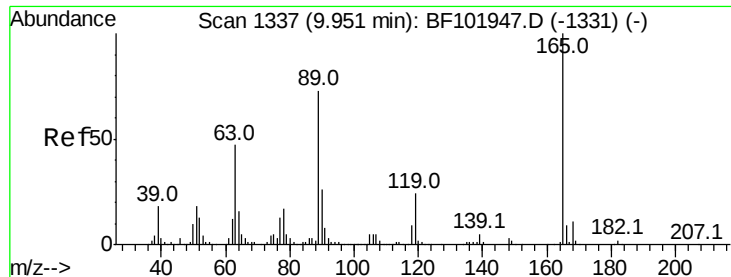


#49
 Dimethylphthalate
 Concen: 11.453 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Tgt Ion:163 Resp: 215886

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.3	8.2	12.2

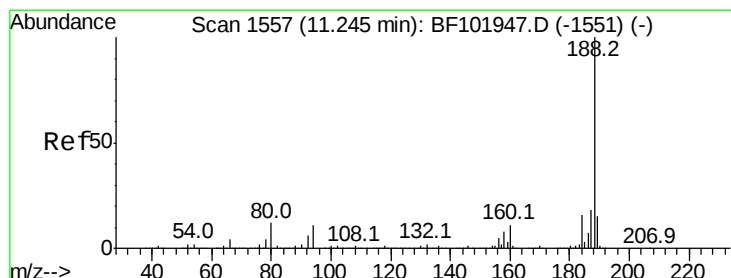
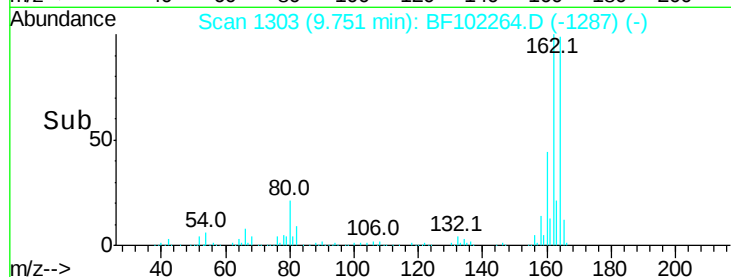
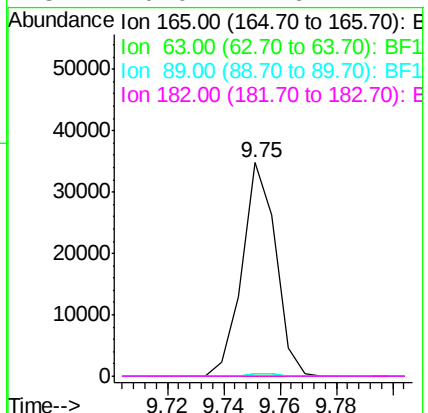
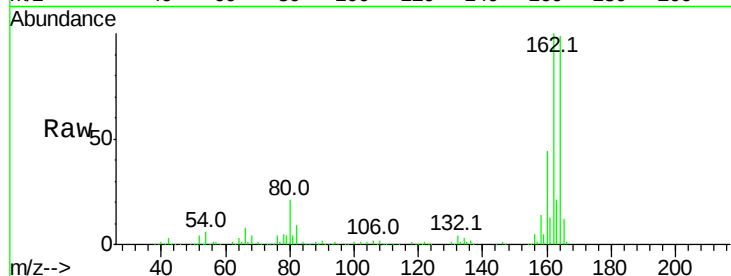




#56
2,4-Dinitrotoluene
Concen: 6.086 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

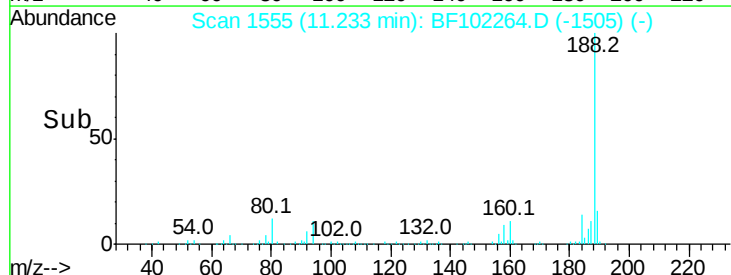
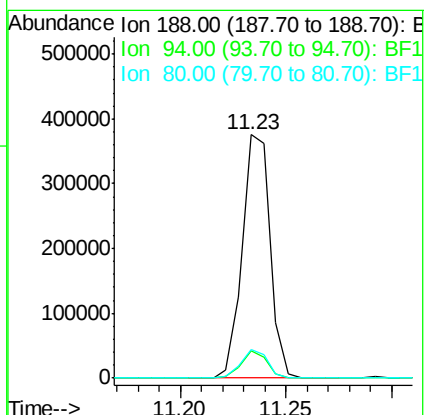
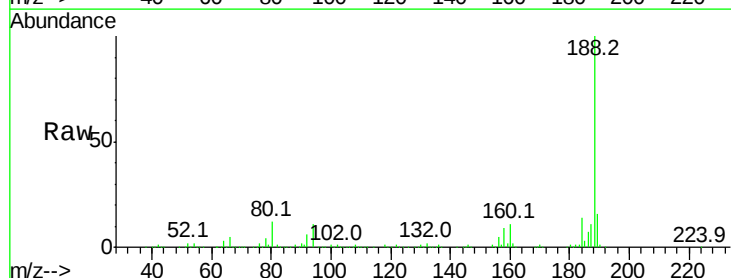
Instrument :
BNA_F
ClientSampleId :

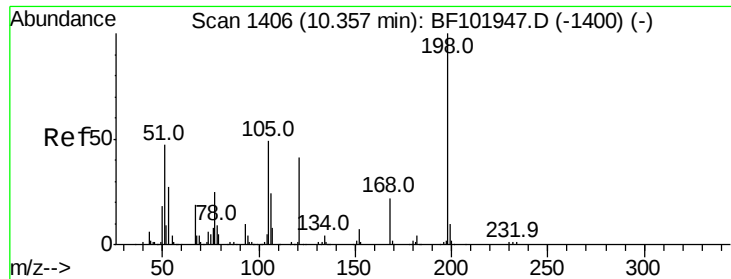
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.0	9.2	13.8

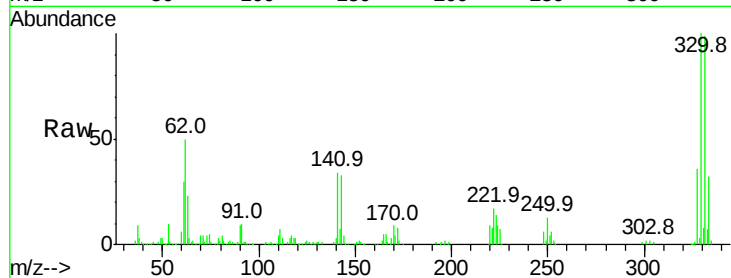




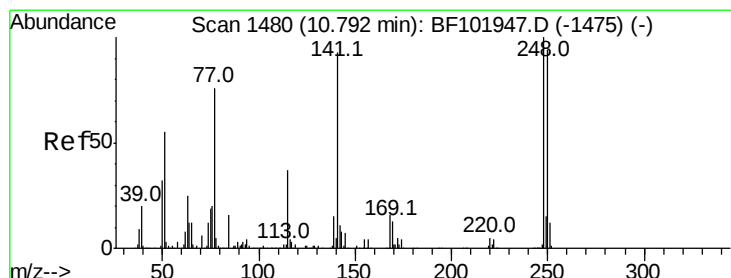
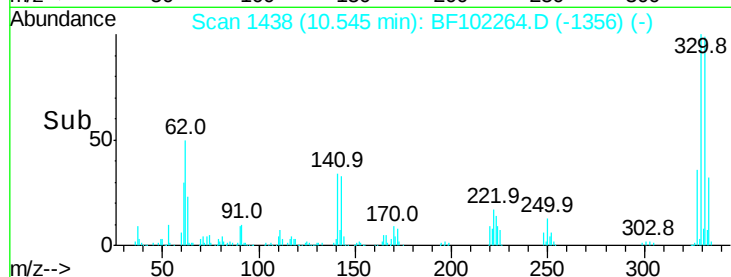
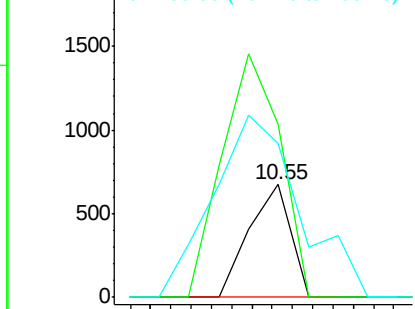
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.842 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 380
 Ion Ratio Lower Upper
 198 100
 51 154.0 37.7 77.7#
 105 136.9 36.3 76.3#

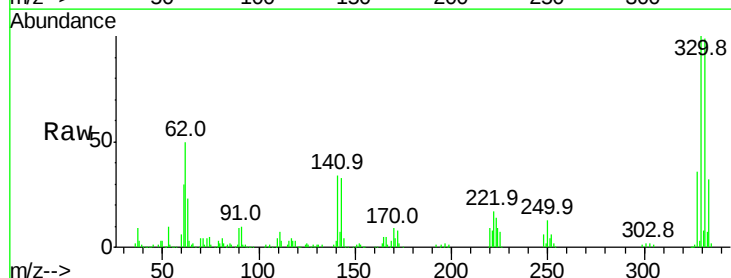


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

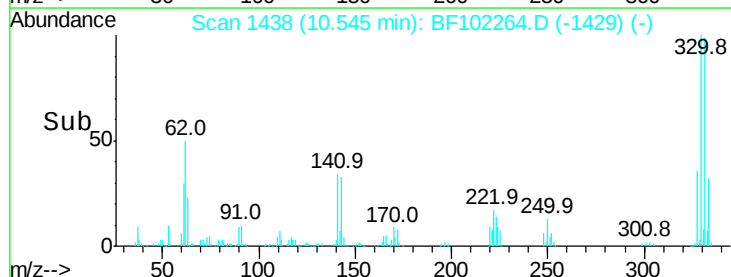
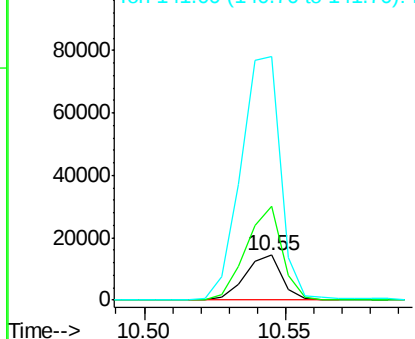


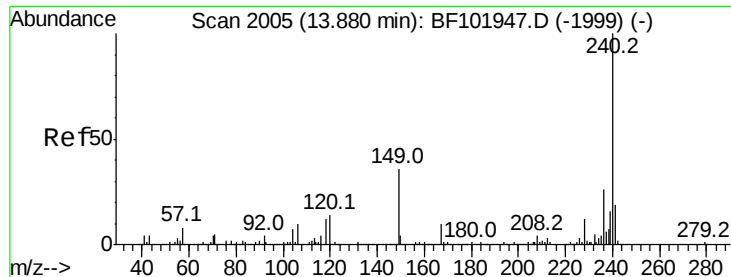
#66
 4-Bromophenyl-phenylether
 Concen: 3.639 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Tgt Ion:248 Resp: 13154
 Ion Ratio Lower Upper
 248 100
 250 207.7 76.9 115.3#
 141 539.2 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

Instrument :

BNA_F

ClientSampleId :

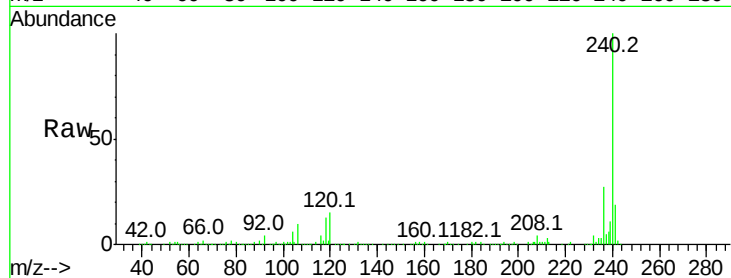
Tot Ion:240 Resp: 278912

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

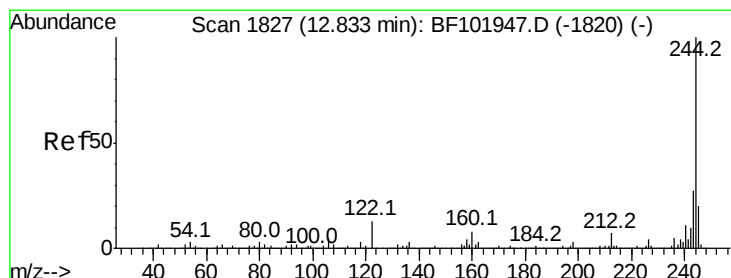
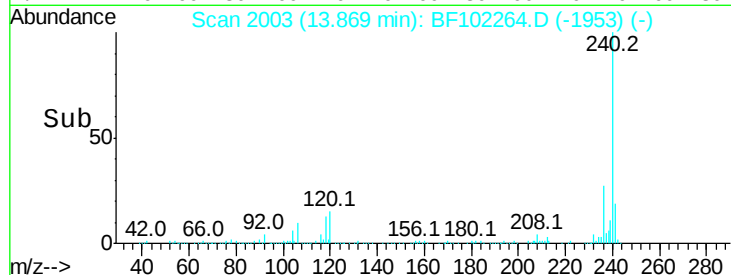
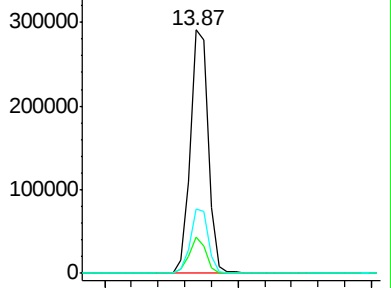
236 26.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 59.461 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

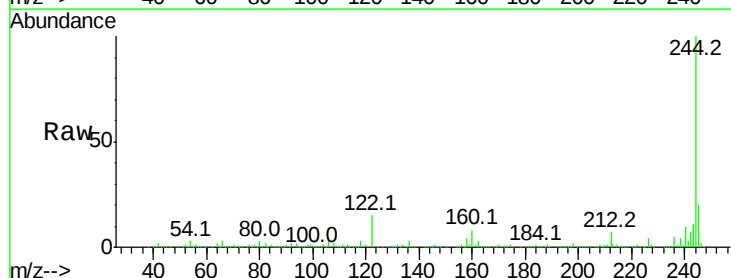
Tgt Ion:244 Resp: 798765

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

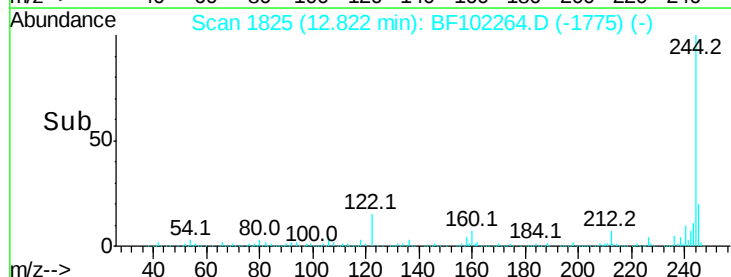
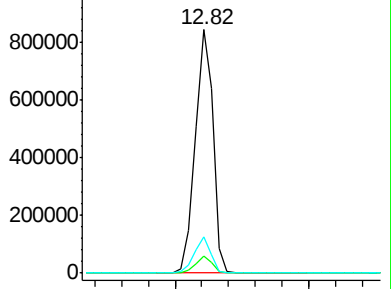
122 14.7 11.0 16.4

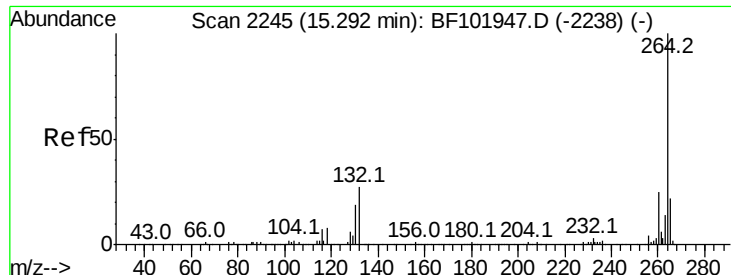


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

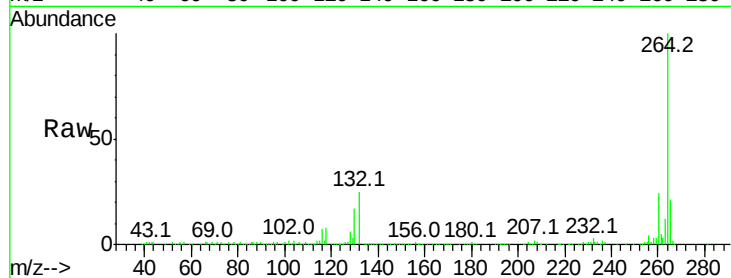




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	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

