

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102130.D
 Acq On : 17 Jan 2018 00:36
 Operator : SJ/JU
 Sample : J1122-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 02:30:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145275	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	585167	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	252338	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	392513	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	267630	20.00	ng	-0.02
86) Perylene-d12	15.28	264	253717	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1260648	122.54	ng	0.01
7) Phenol-d6	6.36	99	1541631	125.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	985890	99.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	313034	142.15	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1688274	104.52	ng	-0.01
78) Terphenyl-d14	12.82	244	1237478	96.00	ng	-0.01

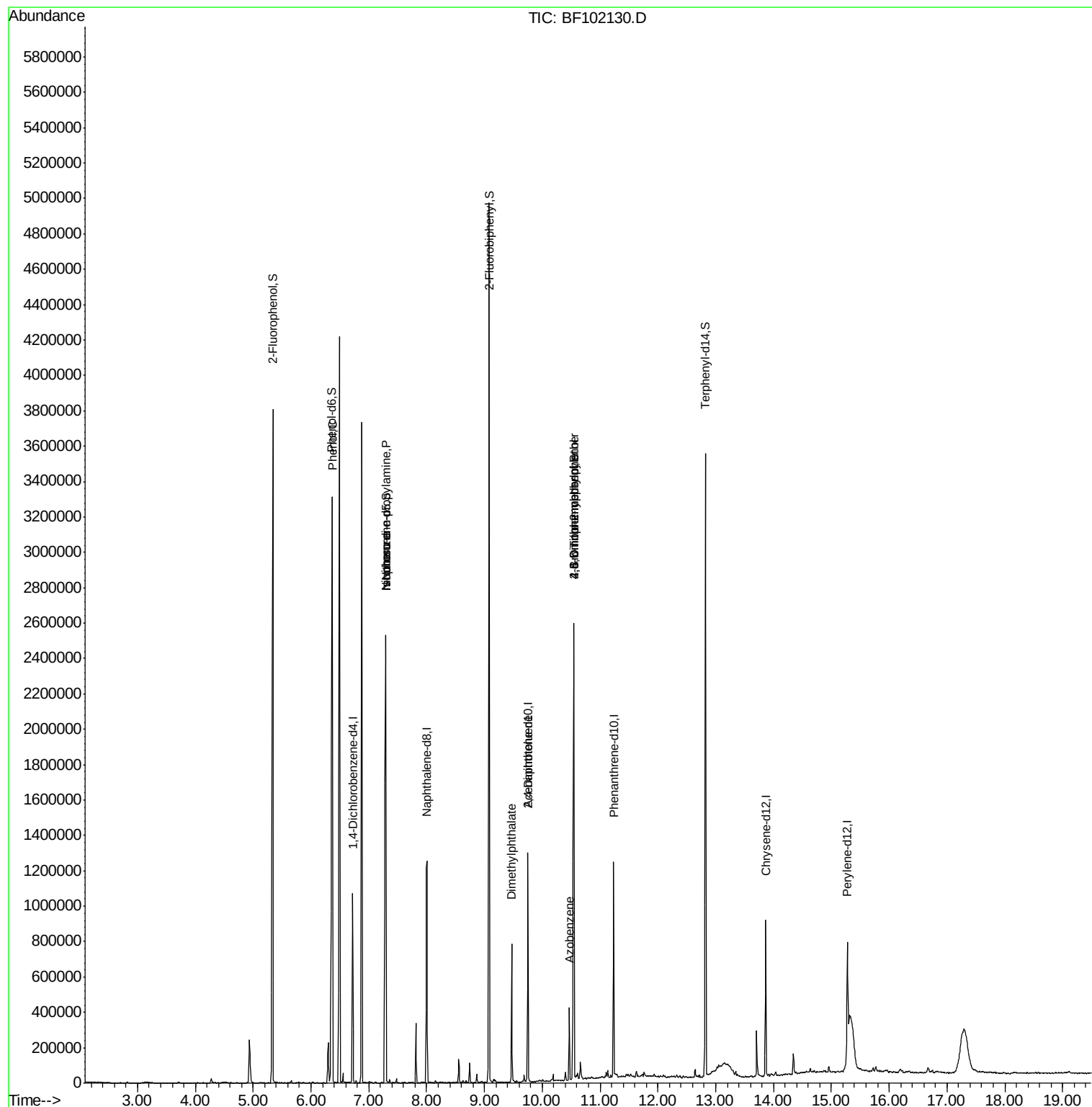
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	39420	2.842	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	133375	16.581	ng	# 79
25) Isophorone	7.29	82	983717	49.996	ng	# 64
49) Dimethylphthalate	9.47	163	301156	14.877	ng	99
56) 2,4-Dinitrotoluene	9.75	165	31998	6.314	ng	# 22
62) Azobenzene	10.47	77	67554	3.372	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	742	5.969	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	20503	4.946	ng	# 1

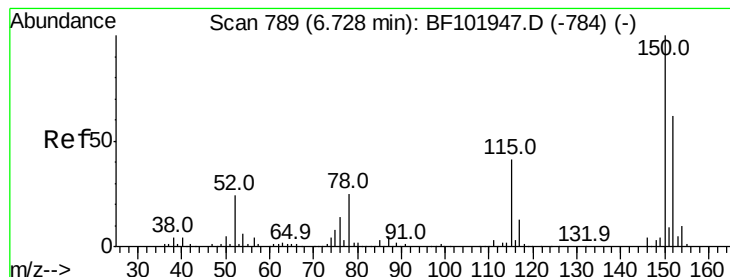
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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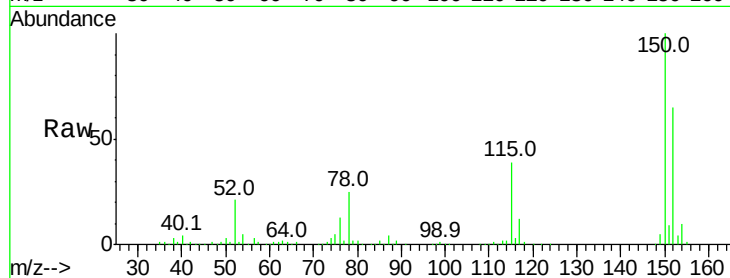


#1

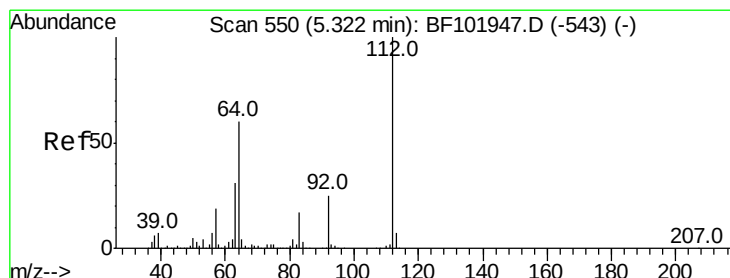
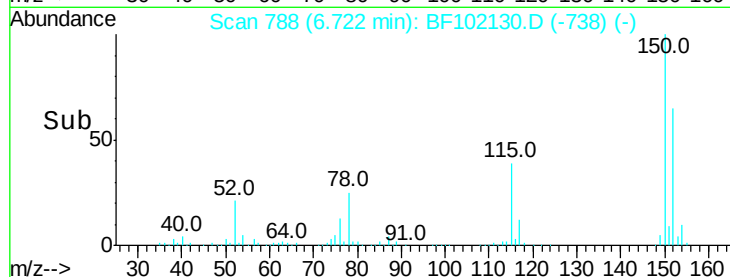
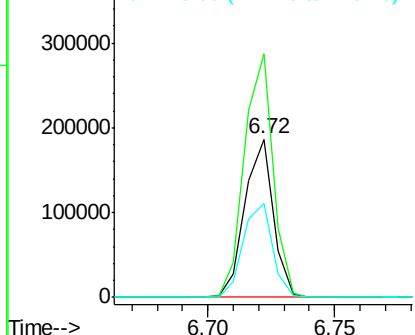
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145275
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 59.5 50.1 75.1



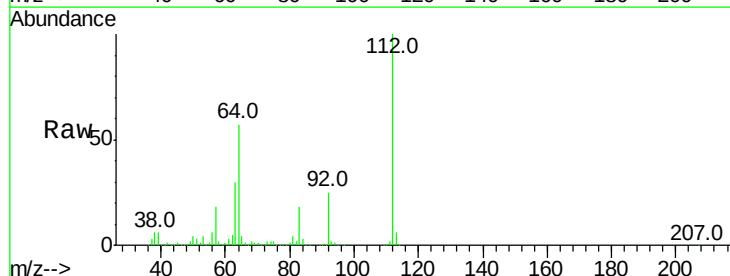
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



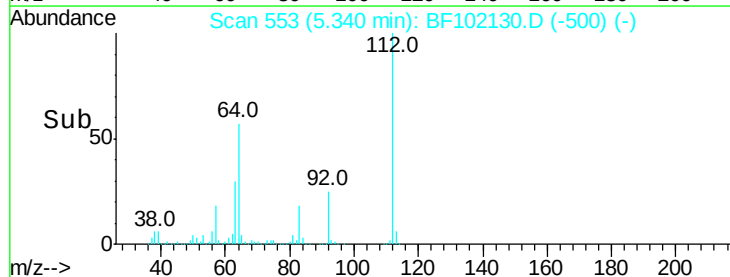
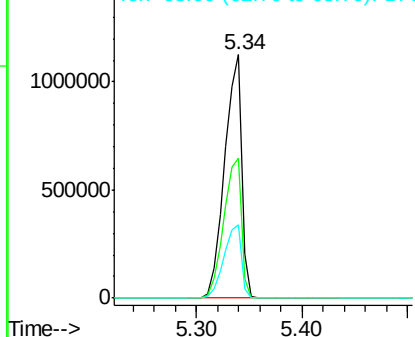
#5

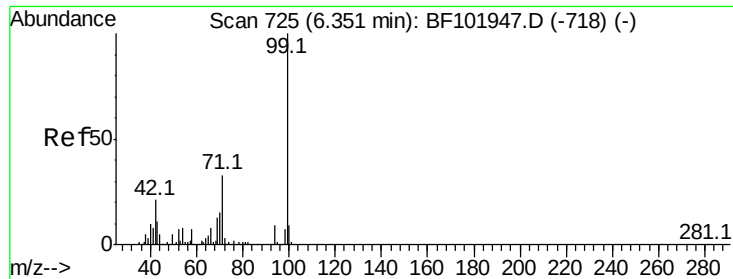
2-Fluorophenol
Concen: 122.536 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:112 Resp: 1260648
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 30.1 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: 125.595 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

Instrument :

BNA_F

ClientSampleId :

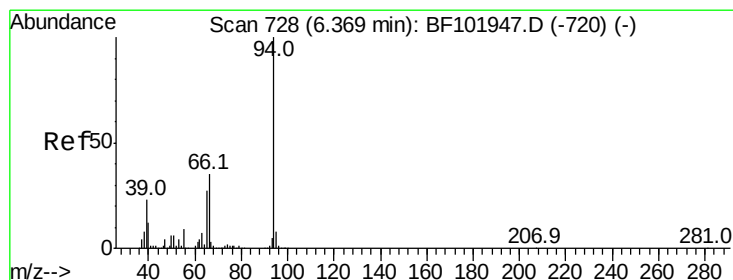
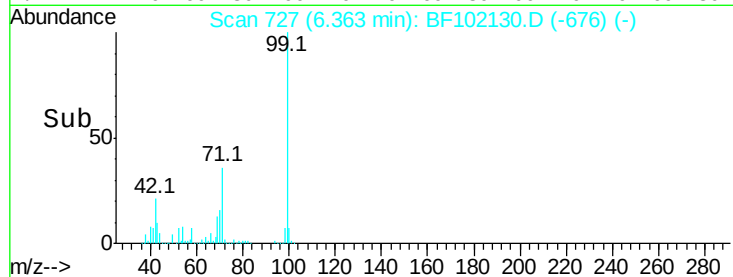
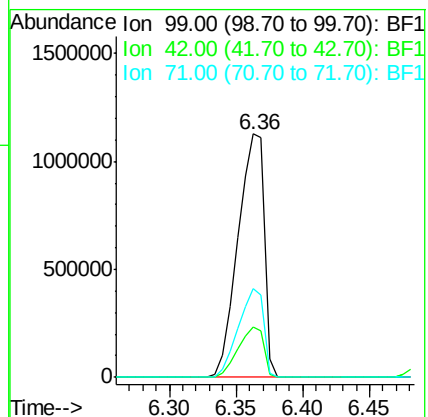
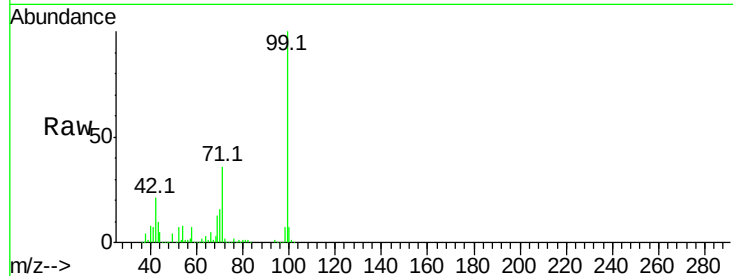
Tot Ion: 99 Resp: 1541631

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 36.4 25.4 38.0



#10

Phenol

Concen: 2.842 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

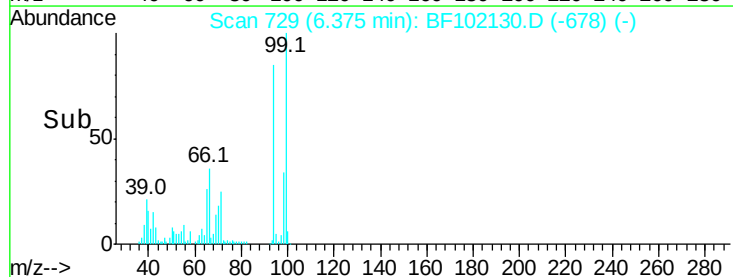
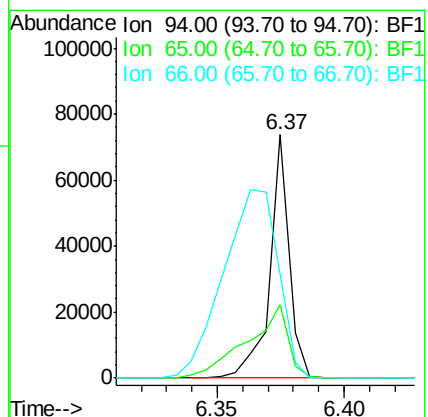
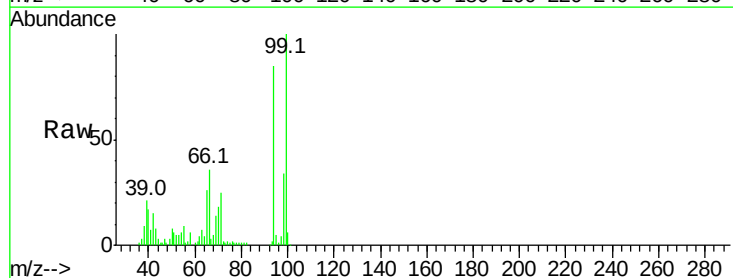
Tgt Ion: 94 Resp: 39420

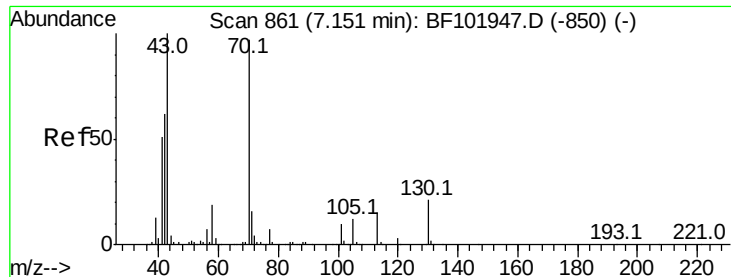
Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

66 42.5 16.2 56.2

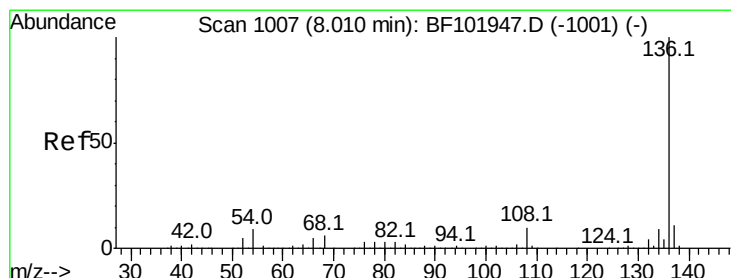
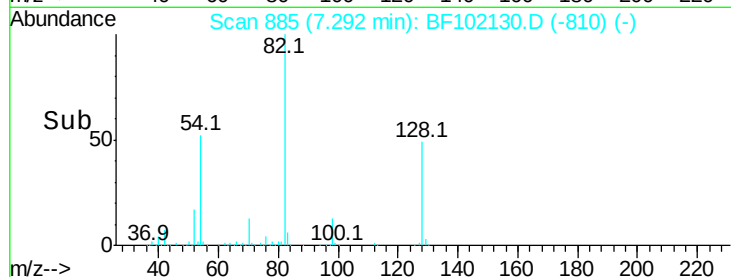
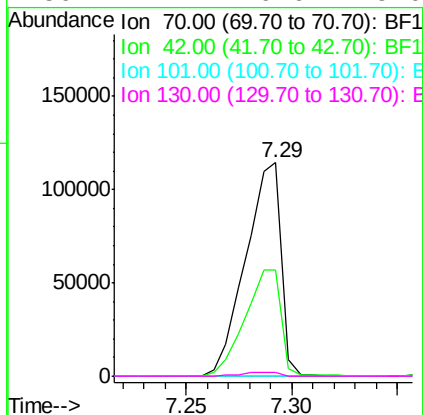
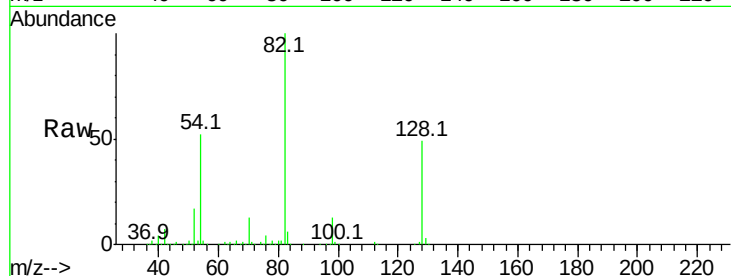




#19
n-Nitroso-di-n-propylamine
Concen: 16.581 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

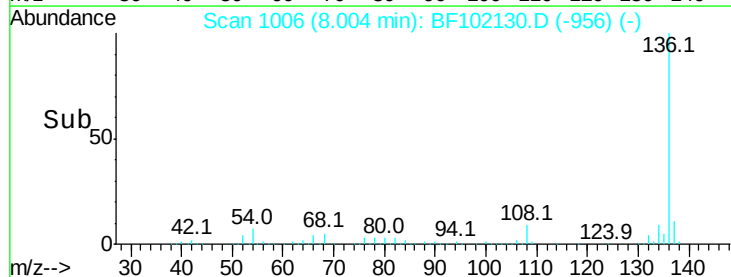
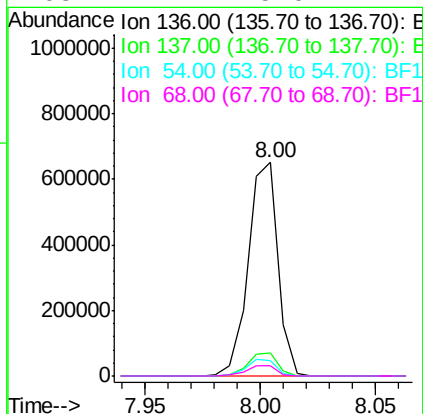
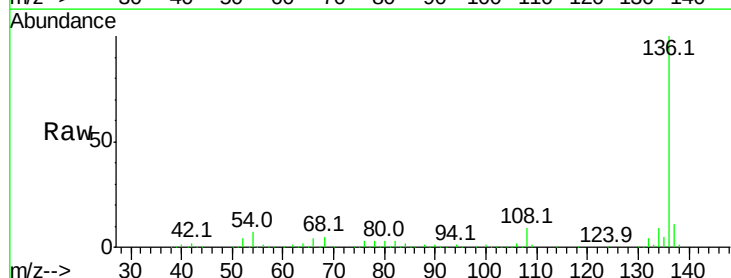
Instrument :
BNA_F
ClientSampleId :

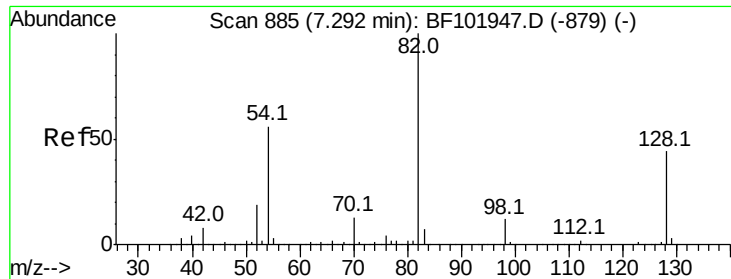
Tot Ion: 70 Resp: 133375
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion: 136 Resp: 585167
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.2 6.6 9.8
68 4.7 5.0 7.4#

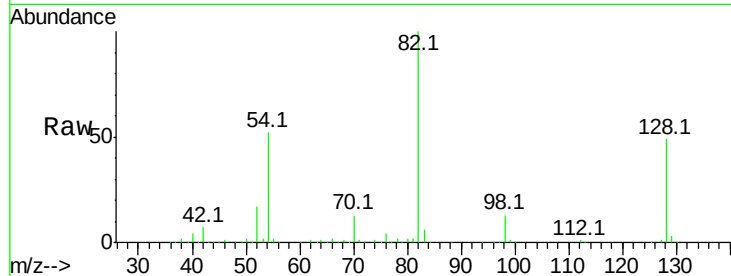




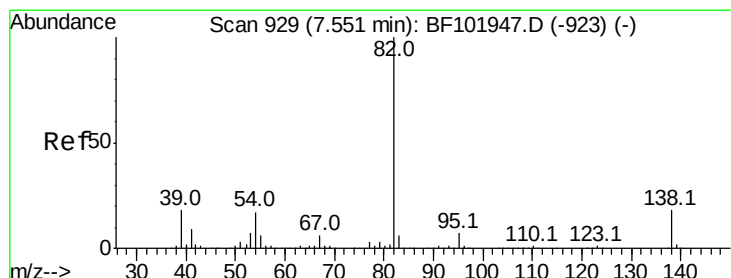
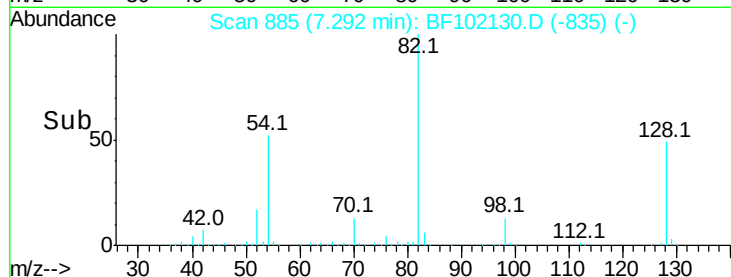
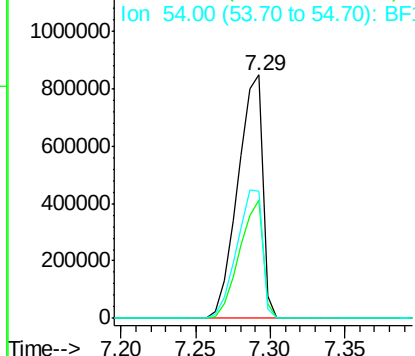
#23
Nitrobenzene-d5
Concen: 99.006 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 985890
Ion Ratio Lower Upper
82 100
128 48.7 36.1 54.1
54 52.3 41.4 62.2

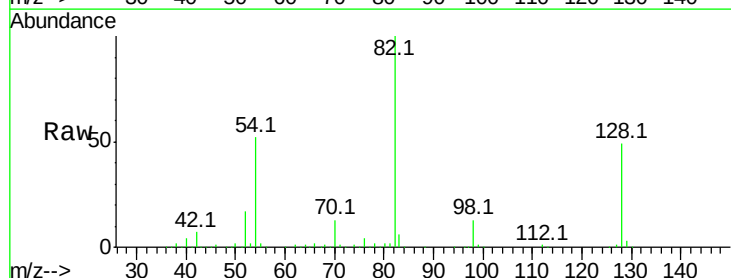


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

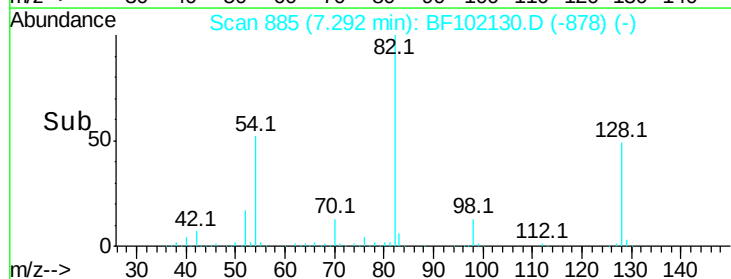
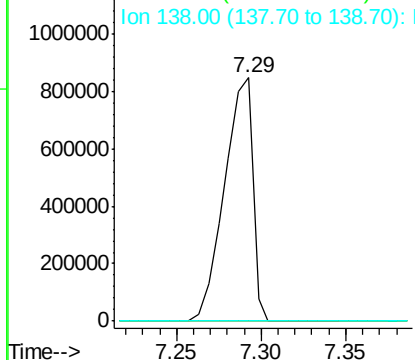


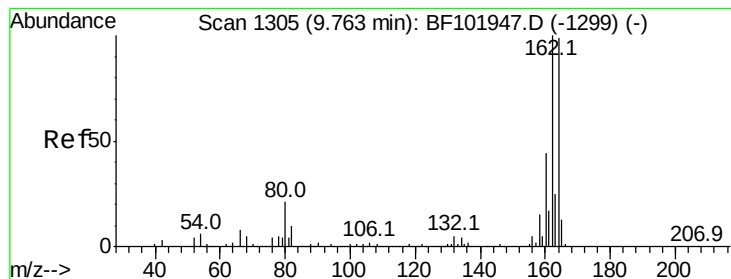
#25
Isophorone
Concen: 49.996 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion: 82 Resp: 983717
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: BF102130.D

Acq: 17 Jan 2018 00:36

Instrument :

BNA_F

ClientSampleId :

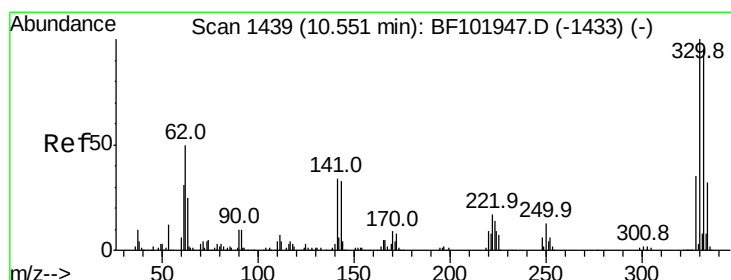
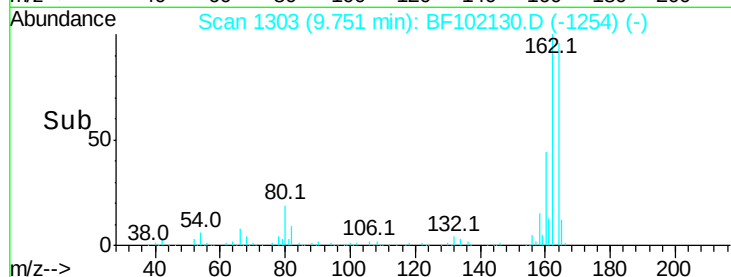
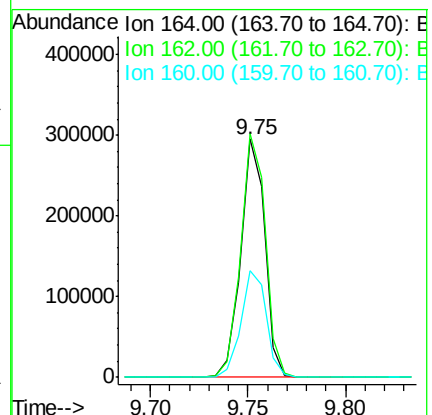
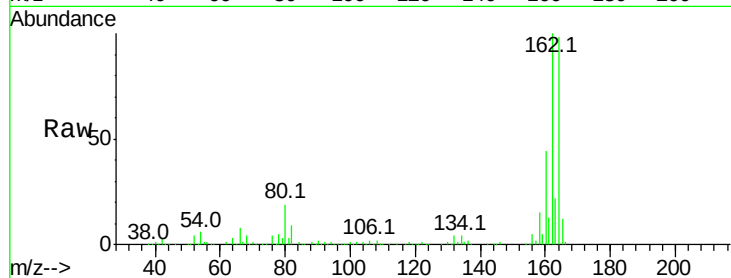
Tot Ion:164 Resp: 252338

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

160 44.7 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 142.151 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

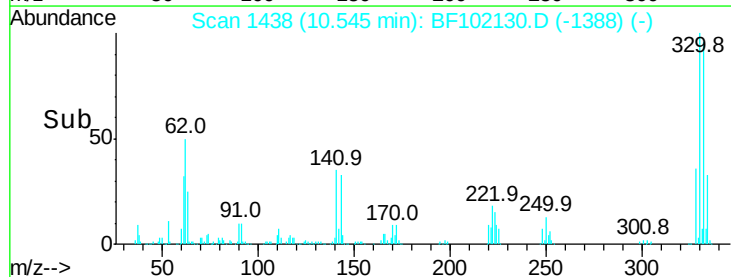
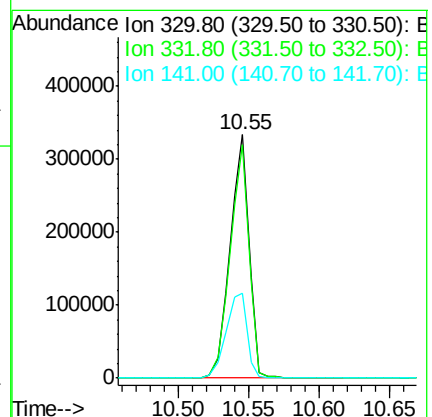
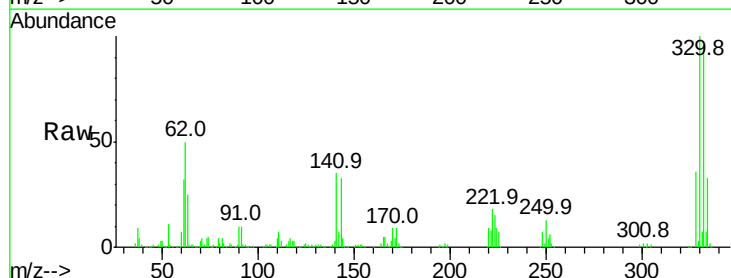
Tgt Ion:330 Resp: 313034

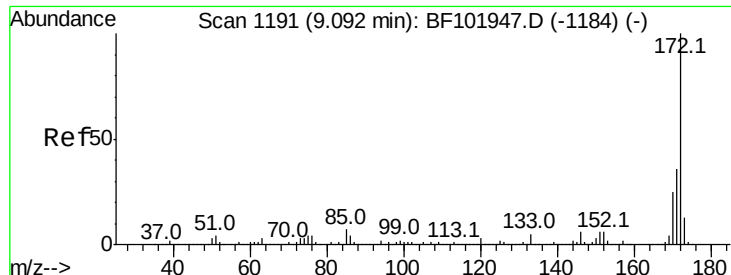
Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 38.5 29.9 44.9

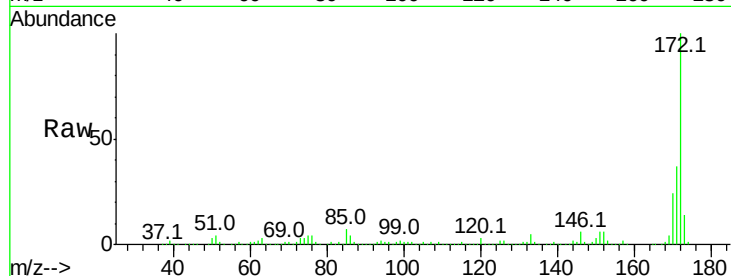




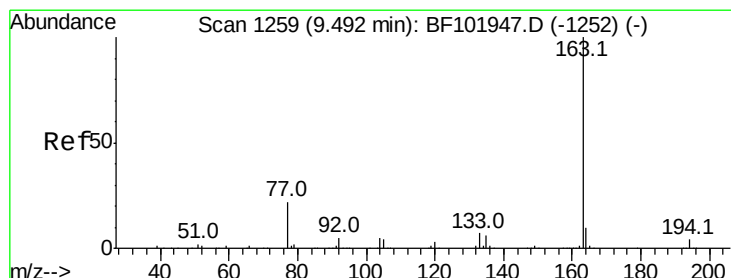
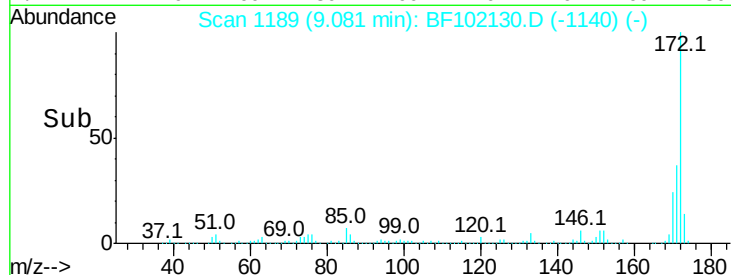
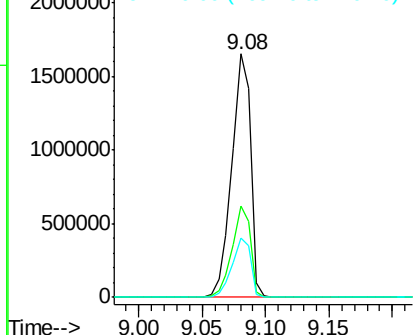
#44
2-Fluorobiphenyl
Concen: 104.524 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1688274
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.2 19.6 29.4

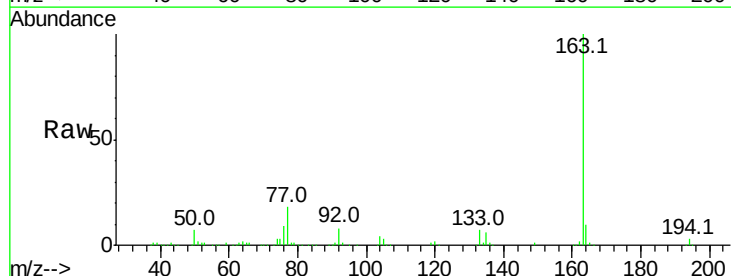


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

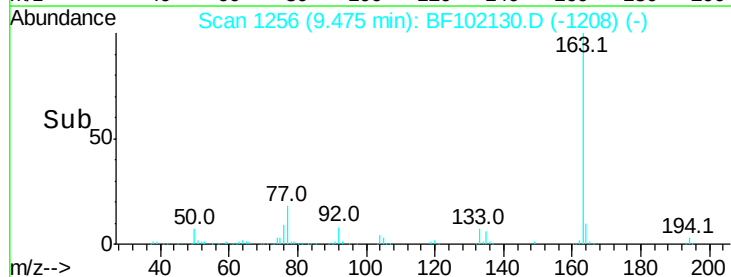
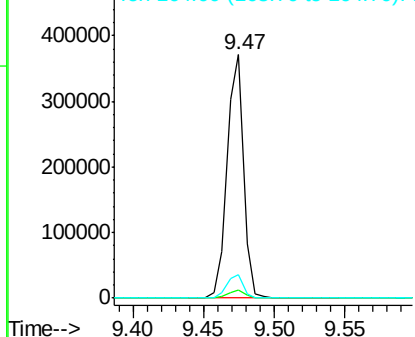


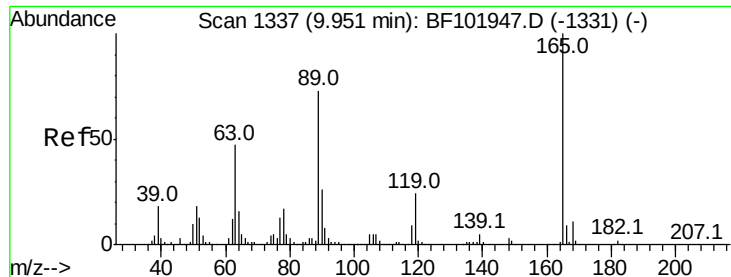
#49
Dimethylphthalate
Concen: 14.877 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:163 Resp: 301156
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 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

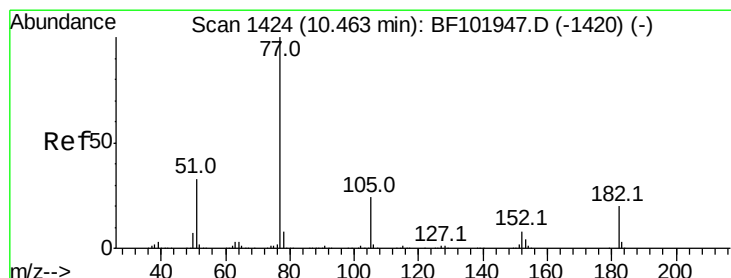
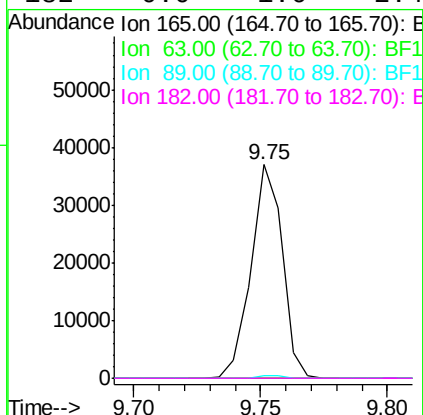
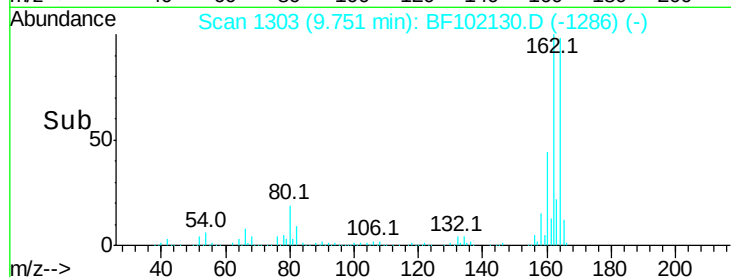
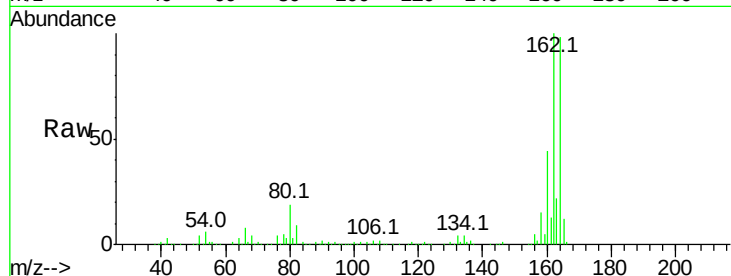




#56
2,4-Dinitrotoluene
Concen: 6.314 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

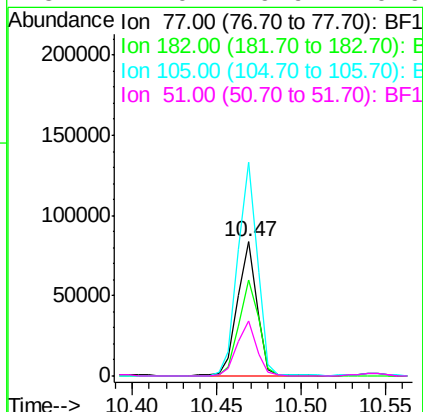
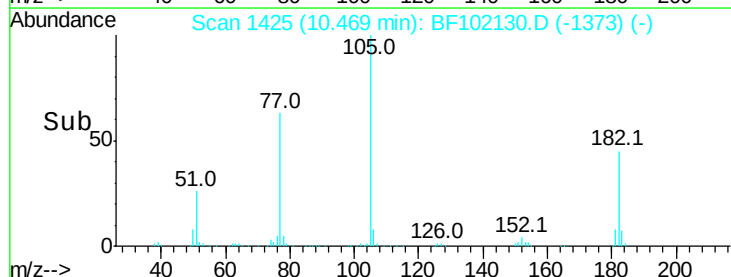
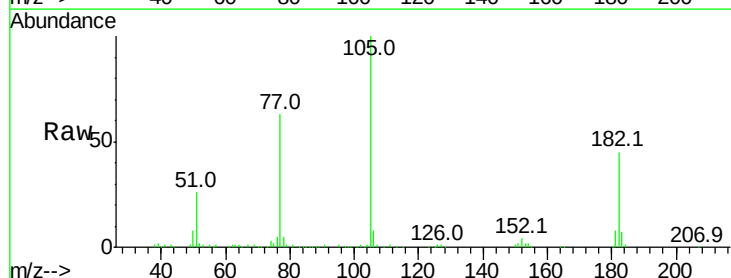
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BNA_F
ClientSampleId :

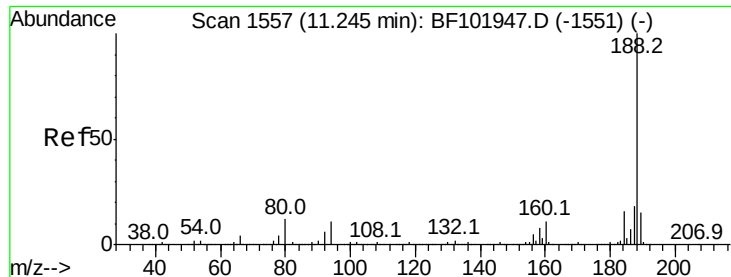
Tot Ion:165 Resp: 31998
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#



#62
Azobenzene
Concen: 3.372 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion: 77 Resp: 67554
Ion Ratio Lower Upper
77 100
182 71.7 1.7 41.7#
105 159.2 3.0 43.0#
51 41.0 9.9 49.9

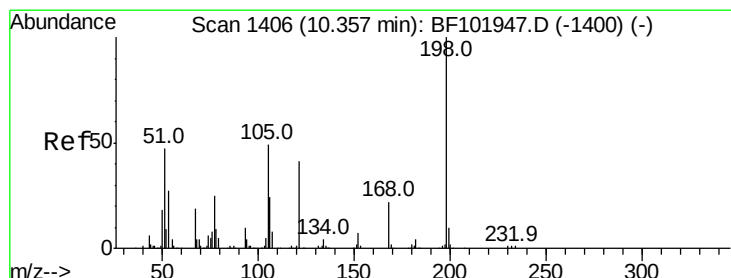
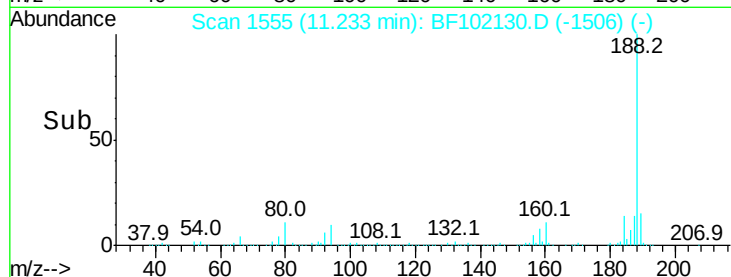
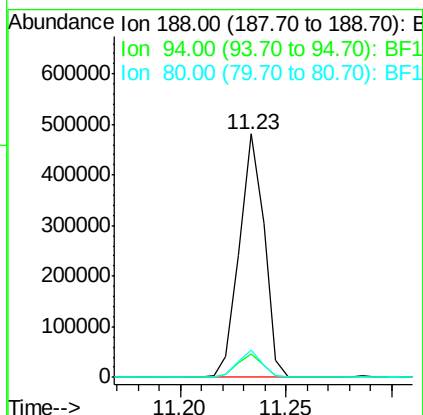
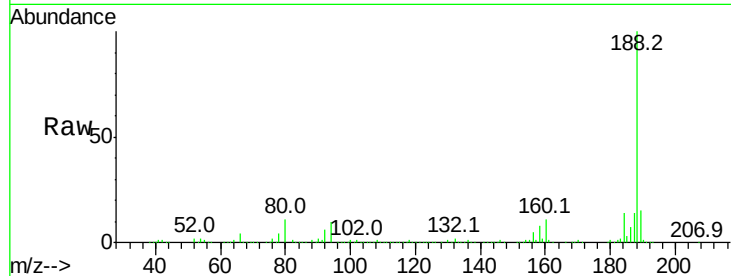




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

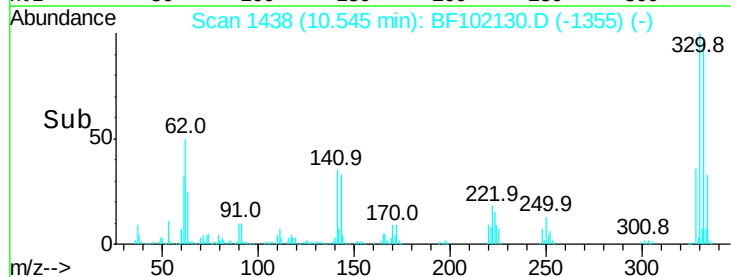
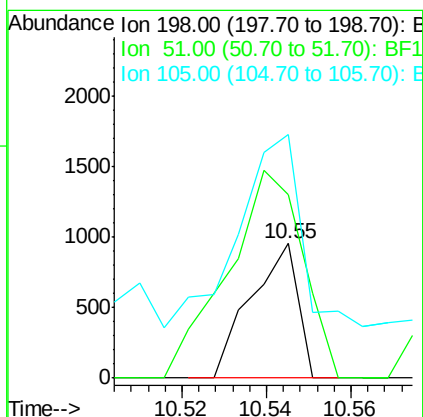
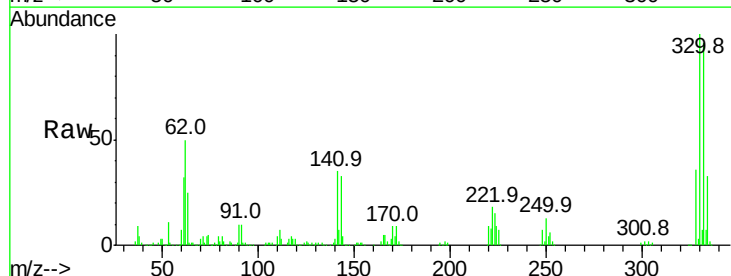
Instrument :
BNA_F
ClientSampleId :

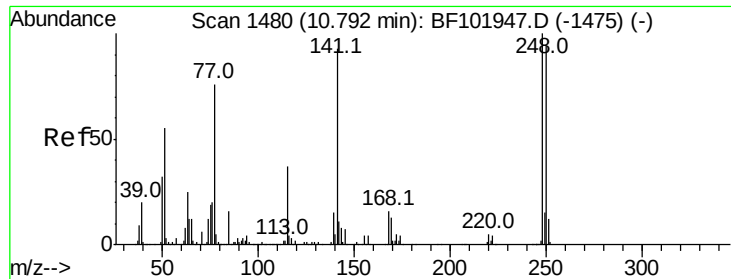
Tot Ion:188 Resp: 392513
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.969 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:198 Resp: 742
Ion Ratio Lower Upper
198 100
51 136.2 37.7 77.7#
105 180.7 36.3 76.3#

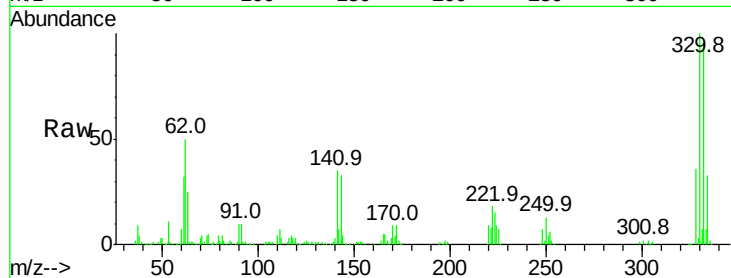




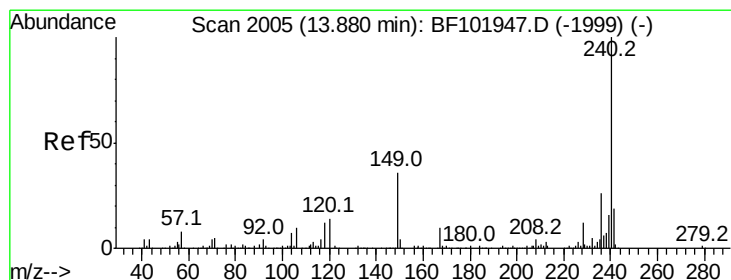
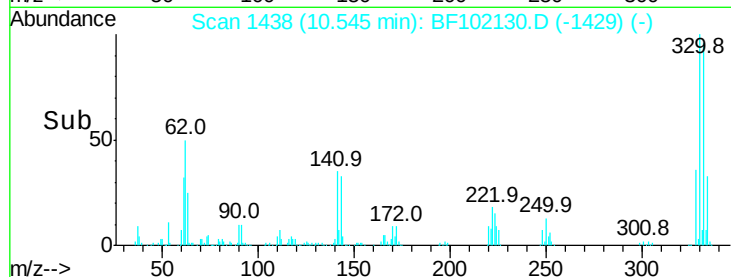
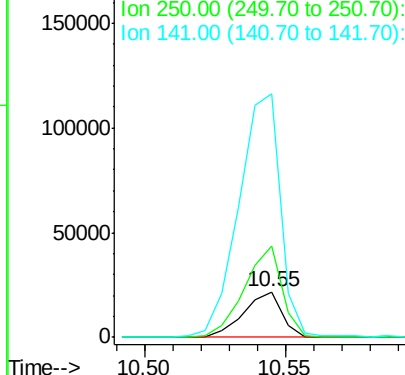
#66
4-Bromophenyl-phenylether
Concen: 4.946 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20503
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 535.0 74.4 111.6#

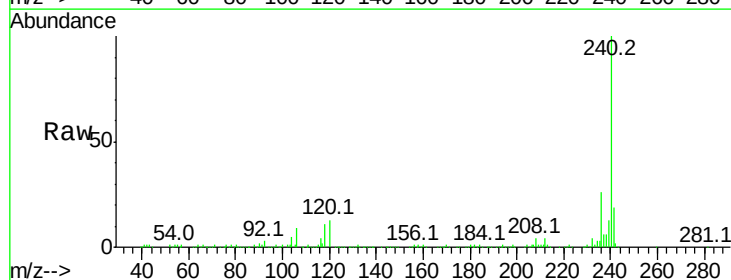


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

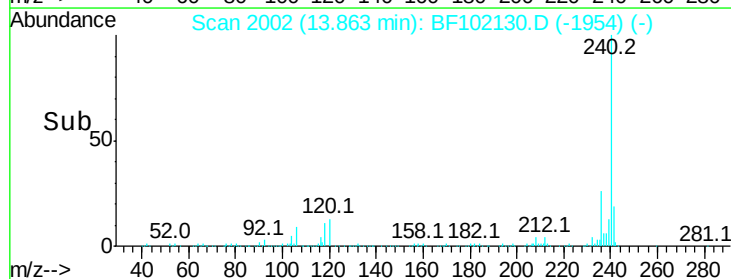
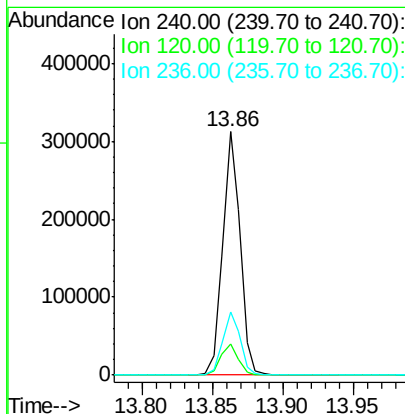


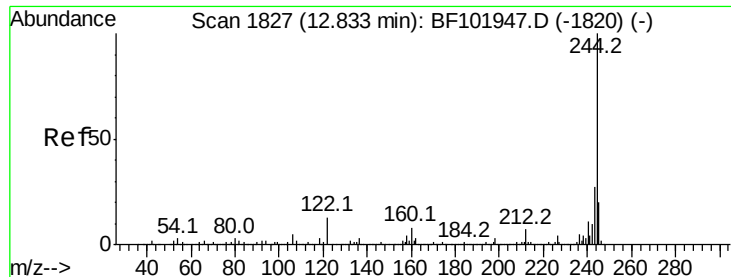
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:240 Resp: 267630
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.2 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: 96.003 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

Instrument :

BNA_F

ClientSampleId :

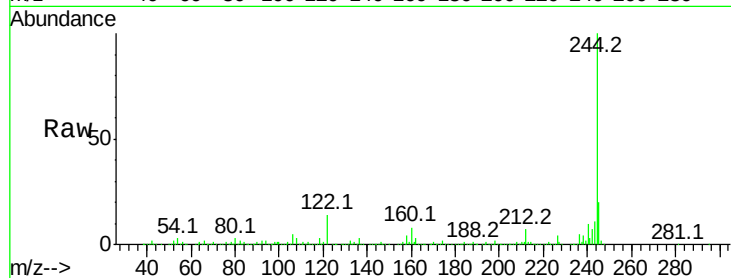
Tot Ion:244 Resp: 1237478

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

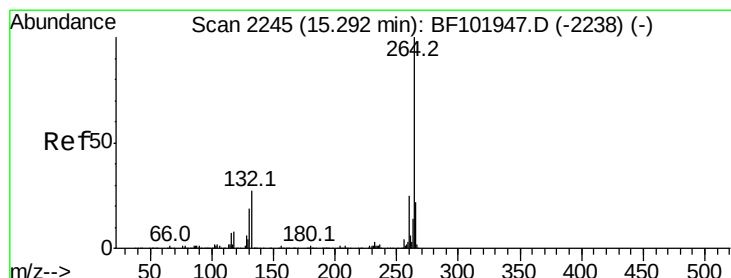
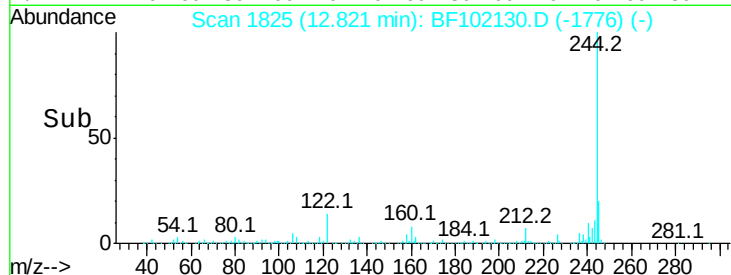
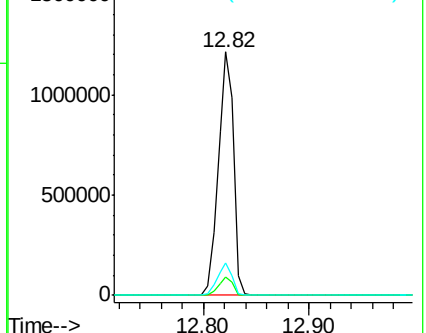
122 13.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

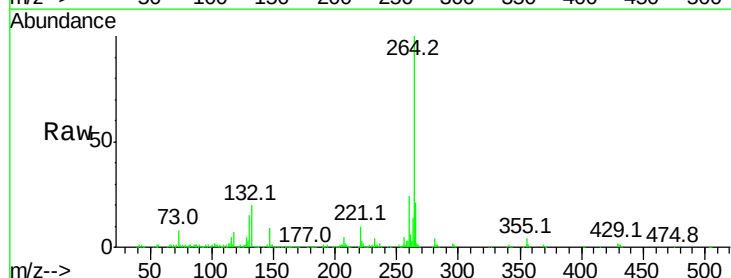
Tgt Ion:264 Resp: 253717

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

