

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102370.D
 Acq On : 24 Jan 2018 4:03
 Operator : SJ/JU
 Sample : J1249-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 06:13:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

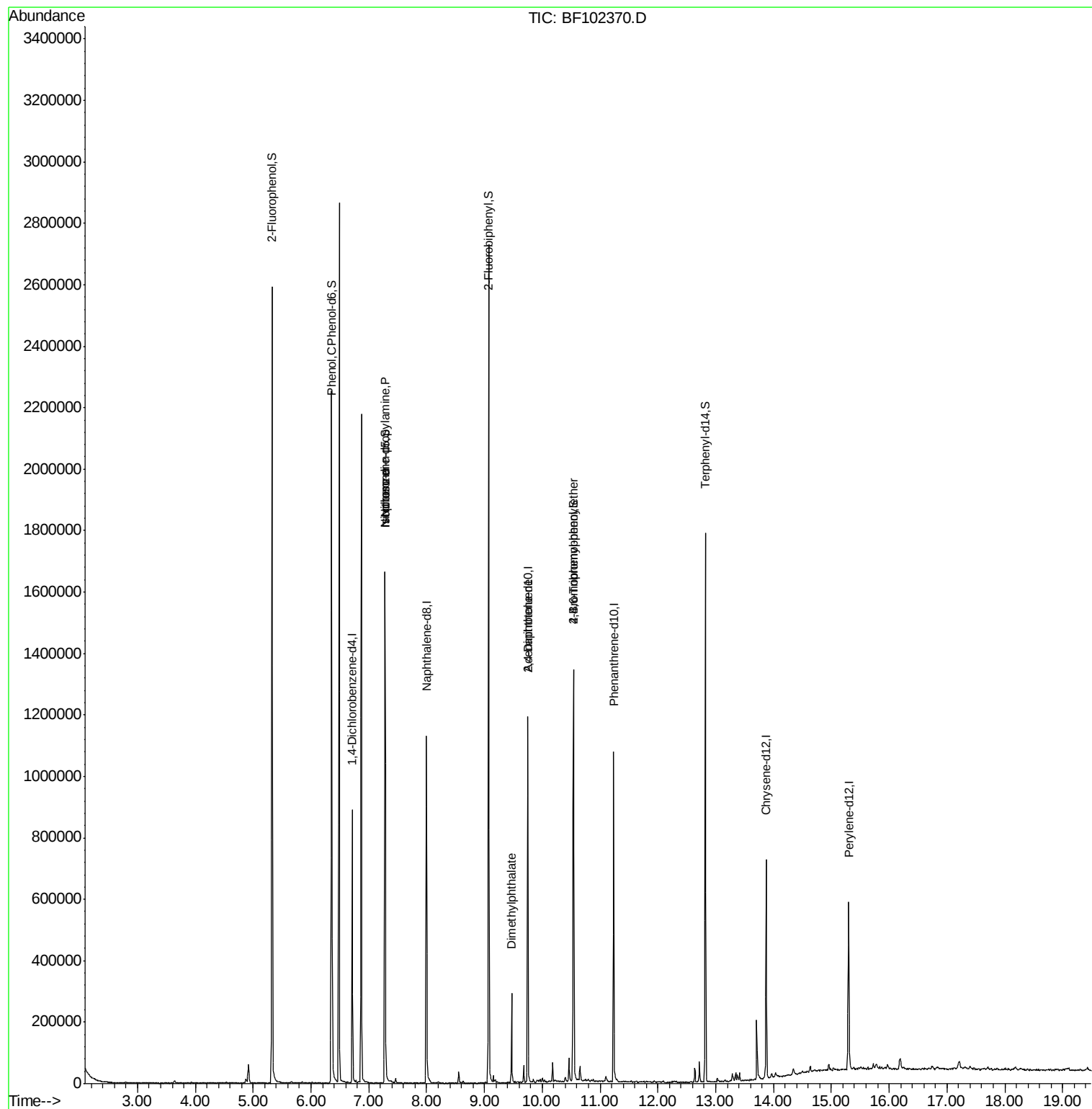
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128645	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	536309	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233378	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	368826	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255395	20.00	ng	0.00
86) Perylene-d12	15.30	264	225736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	753291	88.79	ng	0.00
7) Phenol-d6	6.36	99	911800	89.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	544579	58.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	145424	62.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	859414	54.15	ng	0.00
78) Terphenyl-d14	12.82	244	566232	49.98	ng	0.00
Target Compounds						
10) Phenol	6.37	94	46628	4.176	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	71732	11.459	ng	# 79
25) Isophorone	7.28	82	534395	32.120	ng	# 64
49) Dimethylphthalate	9.47	163	110520	5.729	ng	99
56) 2,4-Dinitrotoluene	9.75	165	29045	5.679	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9526	2.399	ng	# 1

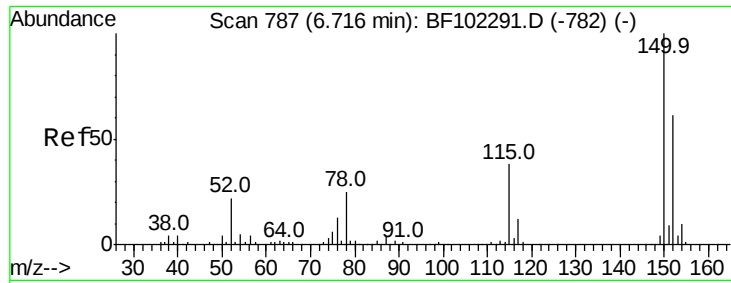
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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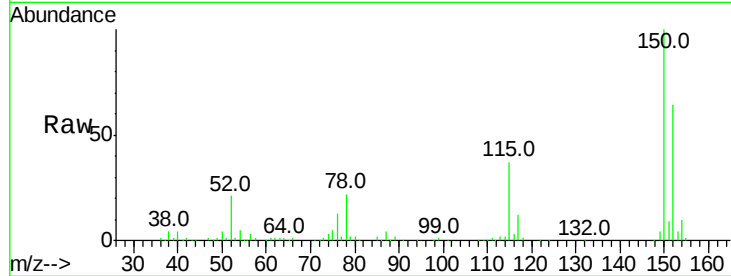


#1

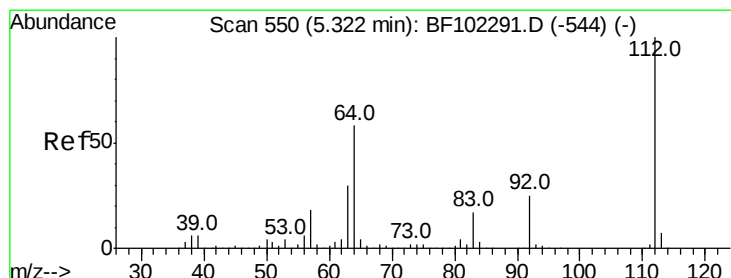
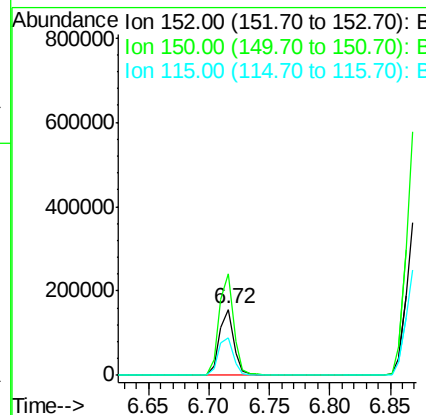
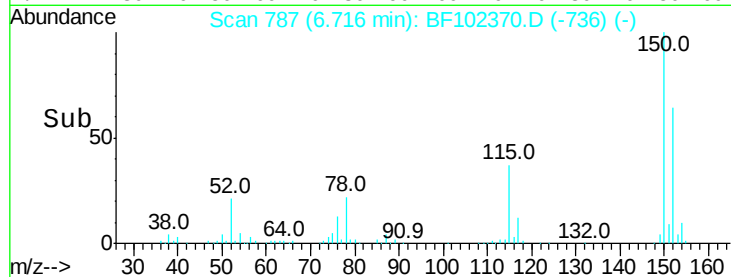
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	57.9	50.1	75.1



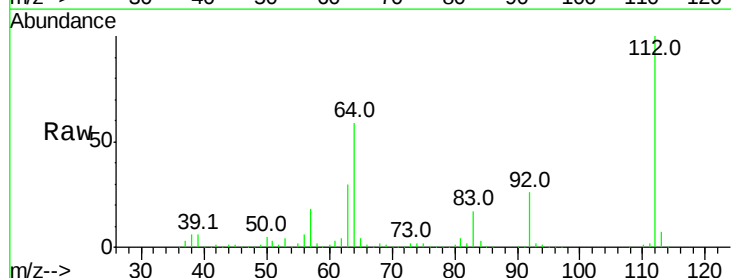
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



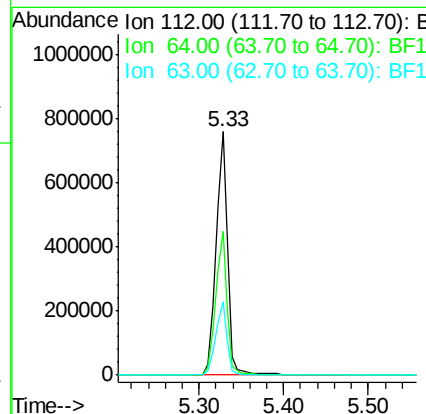
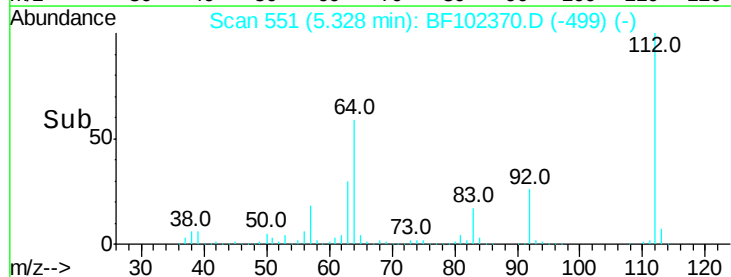
#5

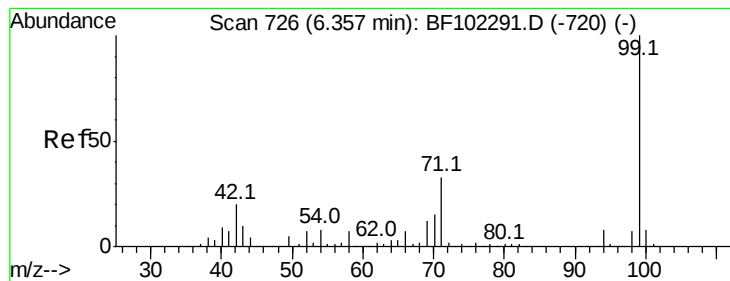
2-Fluorophenol
 Concen: 88.786 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	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: 89.142 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

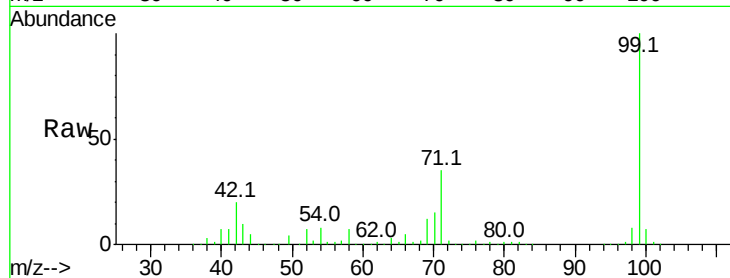
Tot Ion: 99 Resp: 911800

Ion Ratio Lower Upper

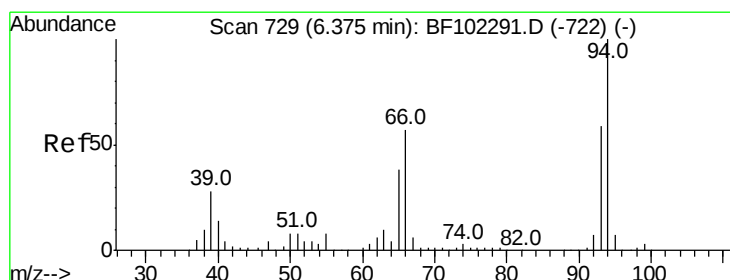
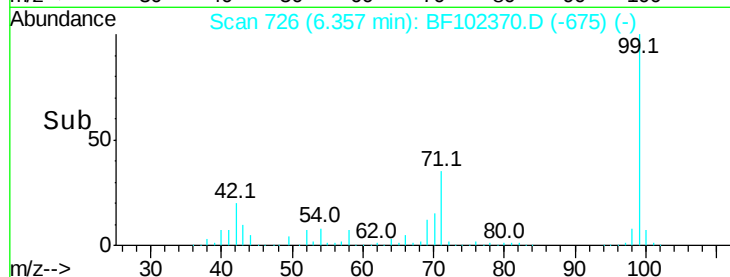
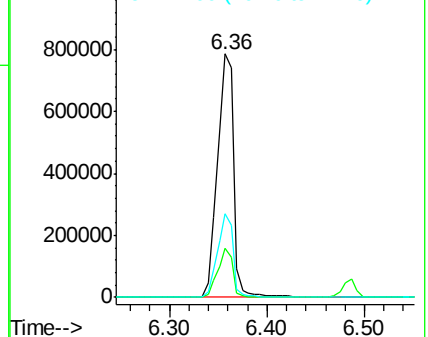
99 100

42 20.1 14.5 21.7

71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.176 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

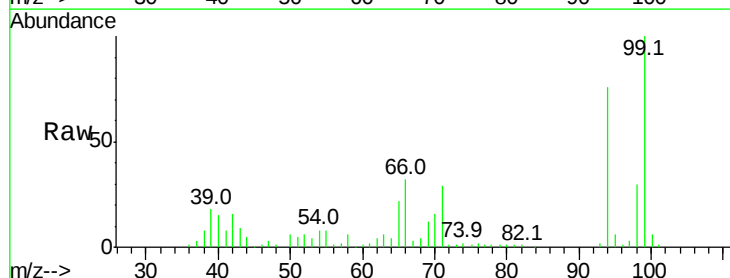
Tgt Ion: 94 Resp: 46628

Ion Ratio Lower Upper

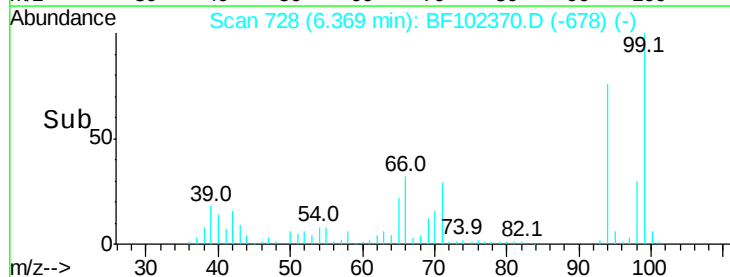
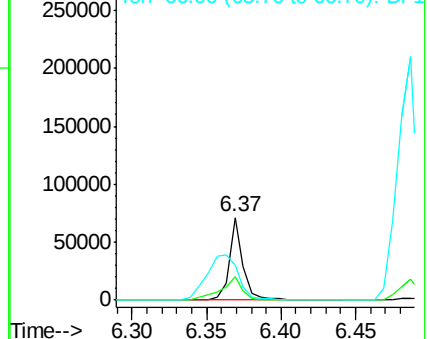
94 100

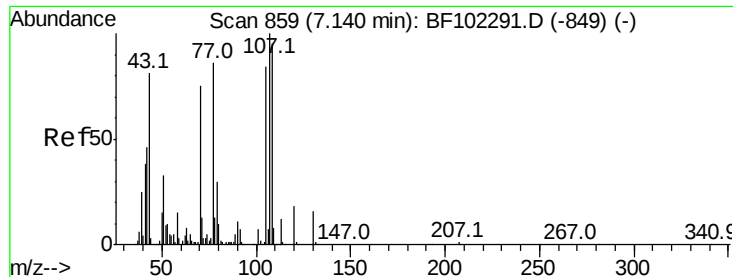
65 28.5 7.9 47.9

66 42.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

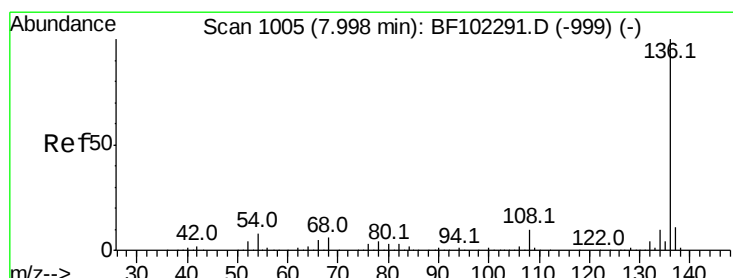
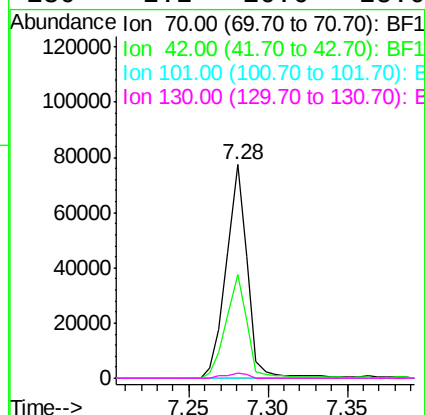
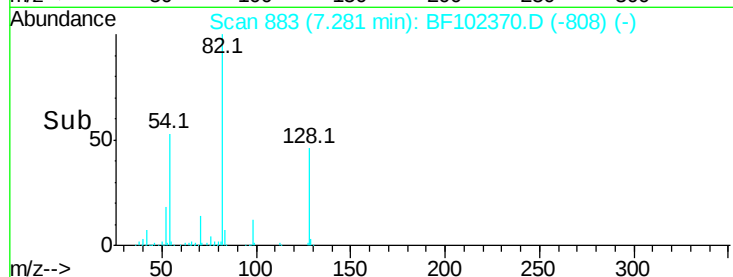
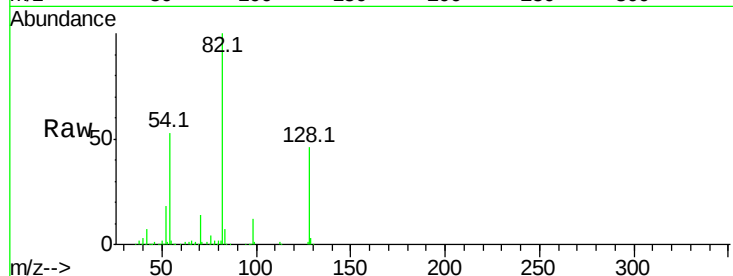




#19
n-Nitroso-di-n-propylamine
Concen: 11.459 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102370.D
Acq: 24 Jan 2018 4:03

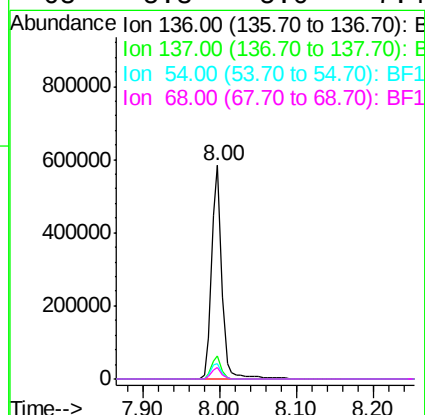
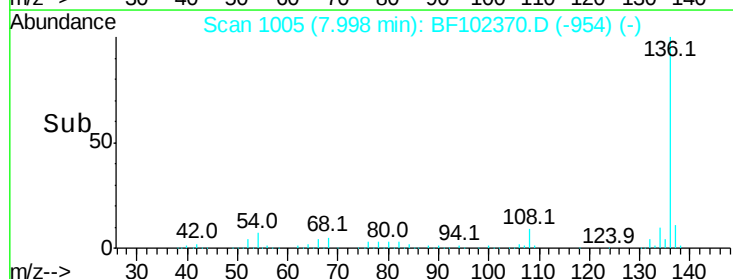
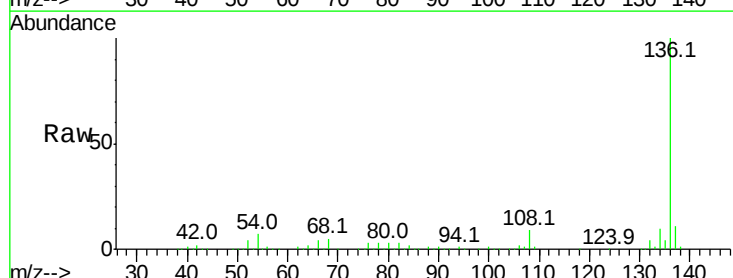
Instrument :
BNA_F
ClientSampleId :

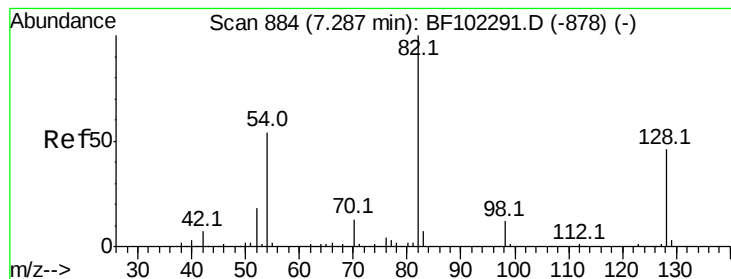
Tot Ion: 70 Resp: 71732
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102370.D
Acq: 24 Jan 2018 4:03

Tgt Ion:136 Resp: 536309
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 58.353 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampled :

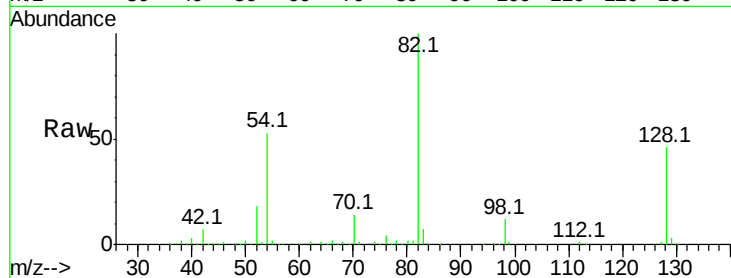
Tot Ion: 82 Resp: 544579

Ion Ratio Lower Upper

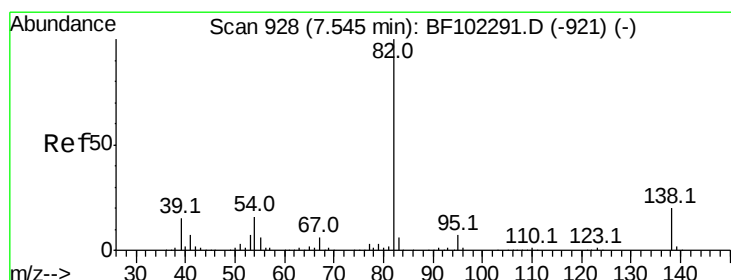
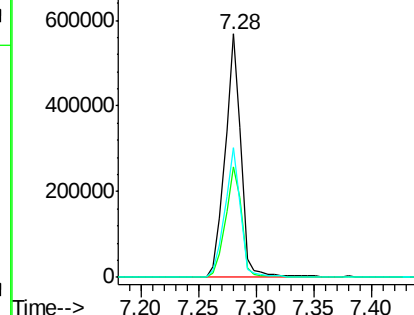
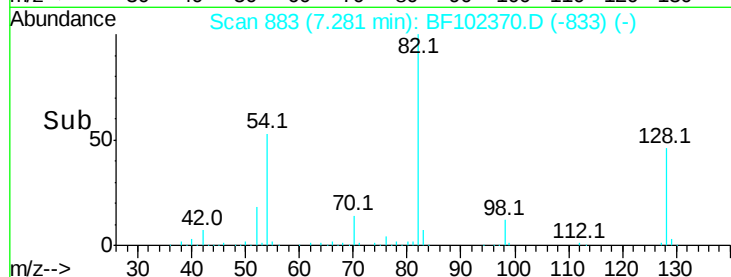
82 100

128 45.5 36.1 54.1

54 53.4 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: 32.120 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

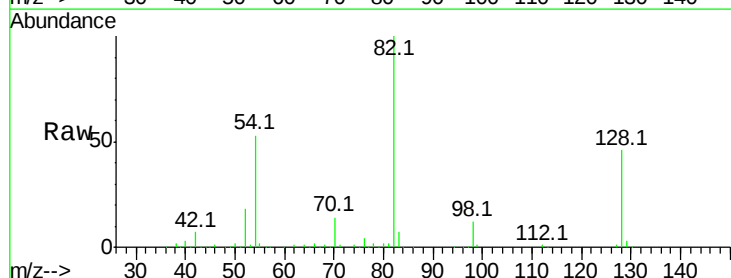
Tgt Ion: 82 Resp: 534395

Ion Ratio Lower Upper

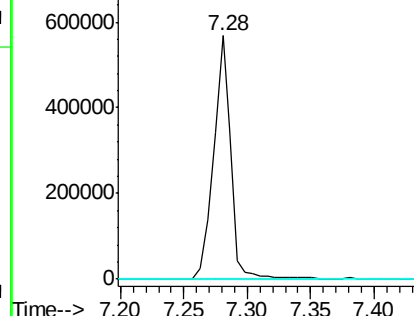
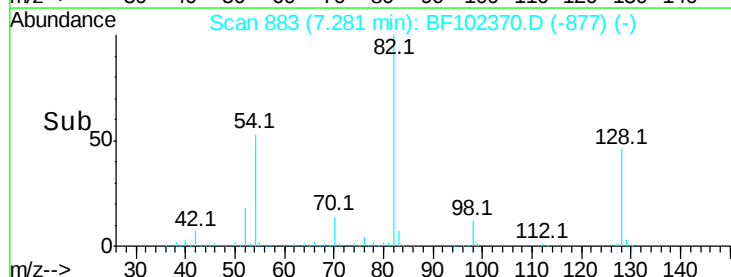
82 100

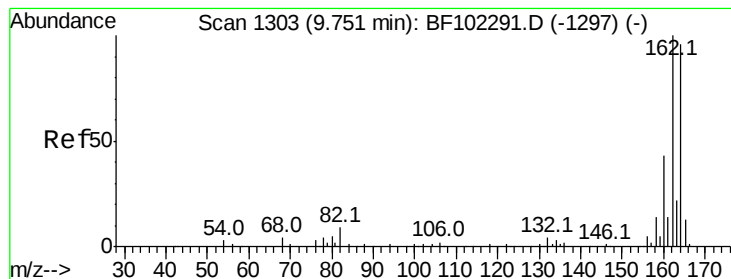
95 0.0 5.2 7.8#

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. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

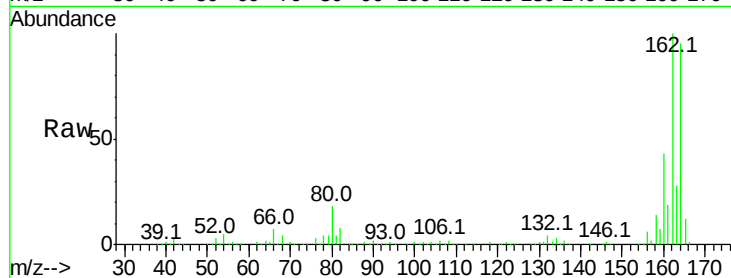
Tot Ion:164 Resp: 233378

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

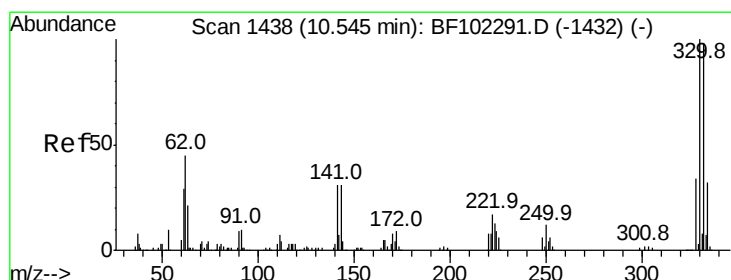
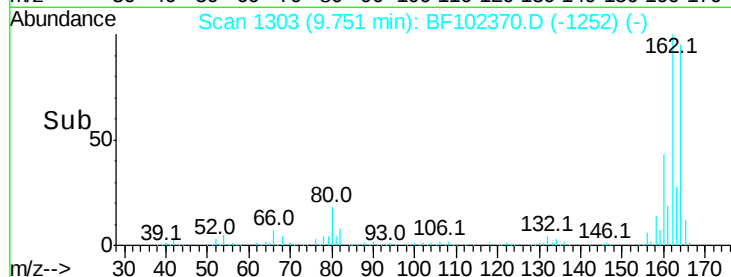
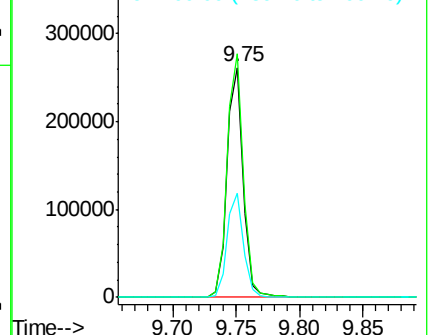
160 45.0 38.3 57.5



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: 62.888 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

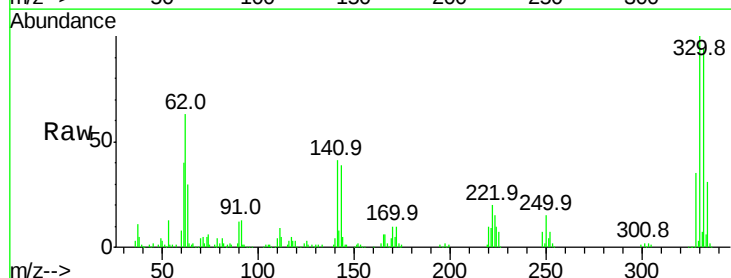
Tgt Ion:330 Resp: 145424

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

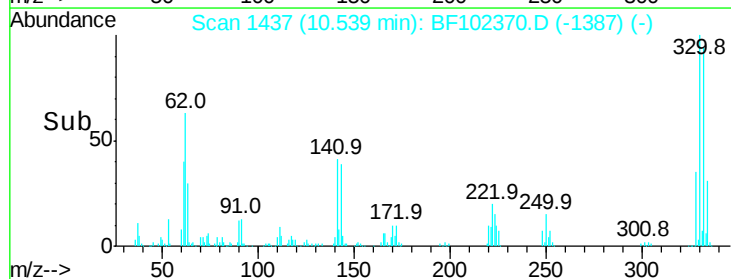
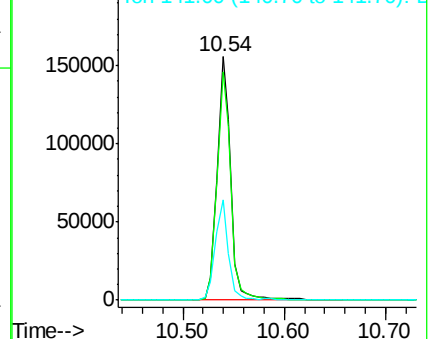
141 40.1 29.9 44.9

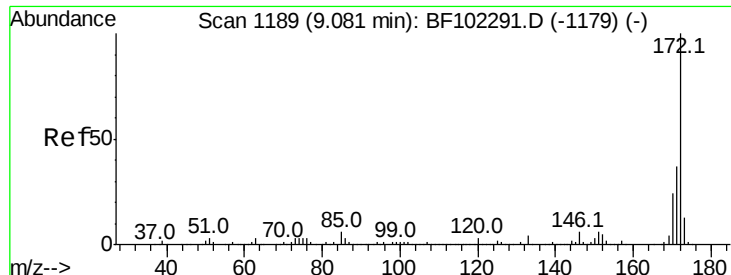


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

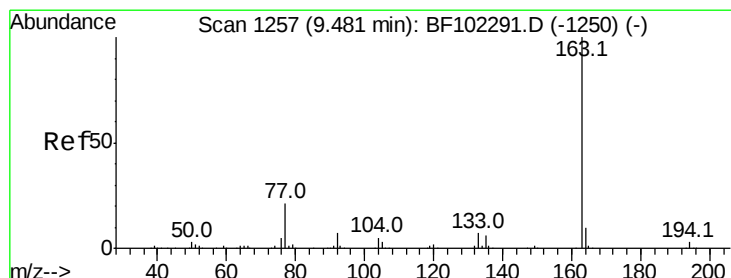
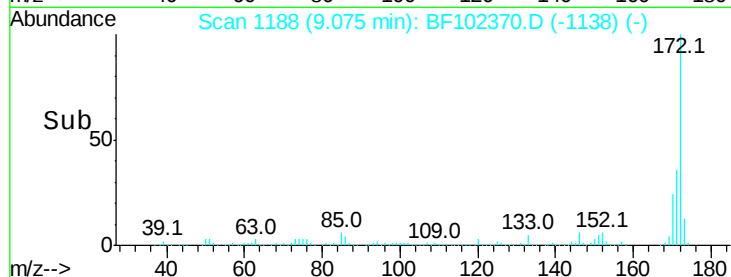
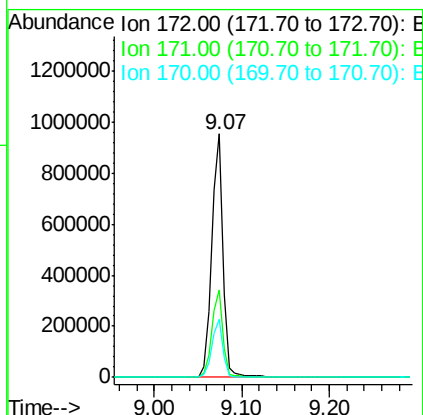
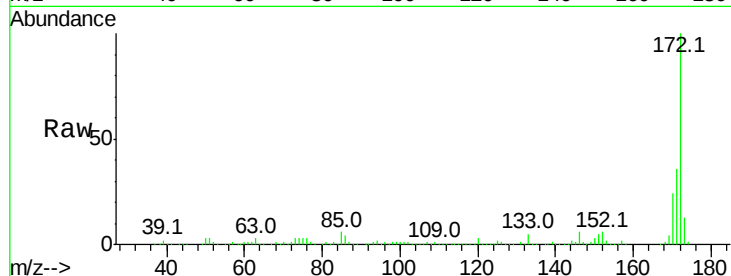




#44
 2-Fluorobiphenyl
 Concen: 54.146 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

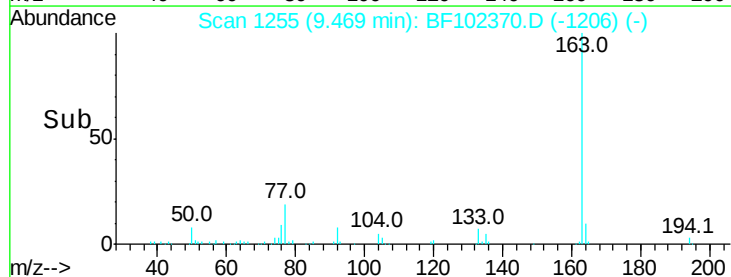
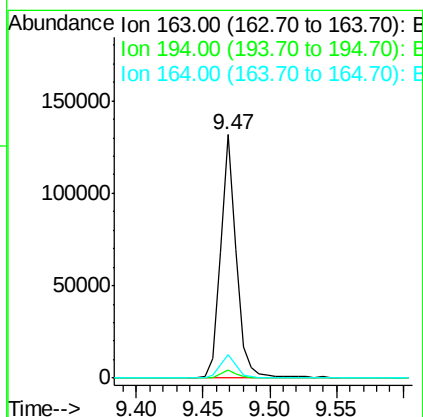
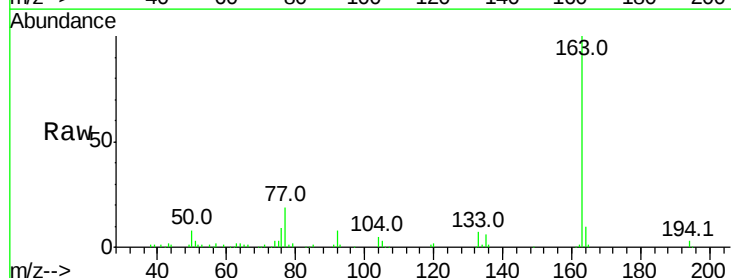
Instrument :
 BNA_F
 ClientSampleId :

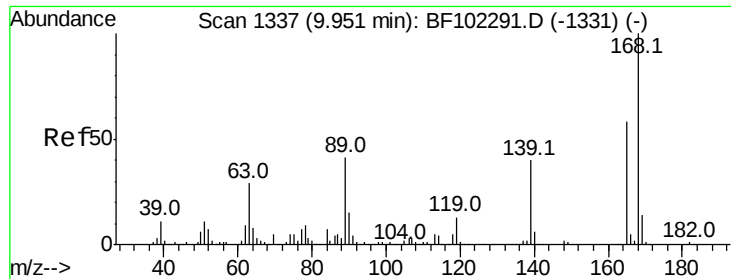
Tot Ion:172 Resp: 859414
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4



#49
 Dimethylphthalate
 Concen: 5.729 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Tgt Ion:163 Resp: 110520
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.6 8.2 12.2

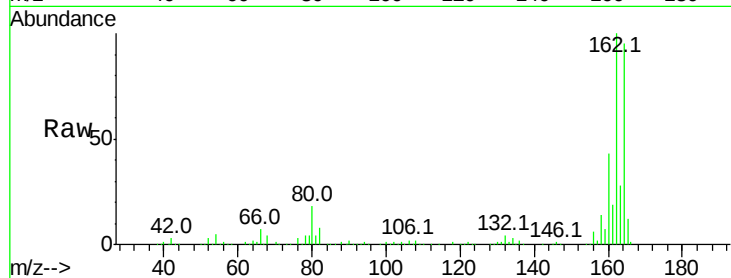




#56
2,4-Dinitrotoluene
Concen: 5.679 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102370.D
Acq: 24 Jan 2018 4:03

Instrument :
BNA_F
ClientSampleId :

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

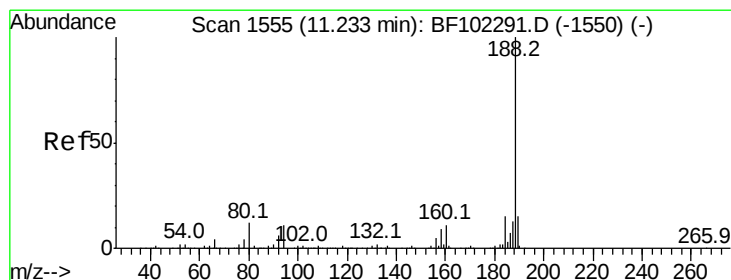
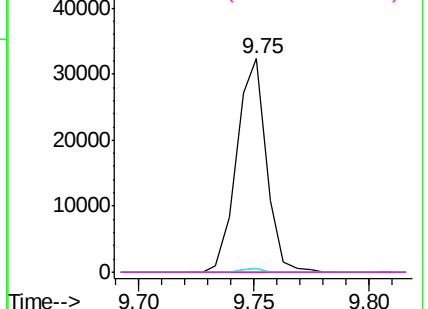
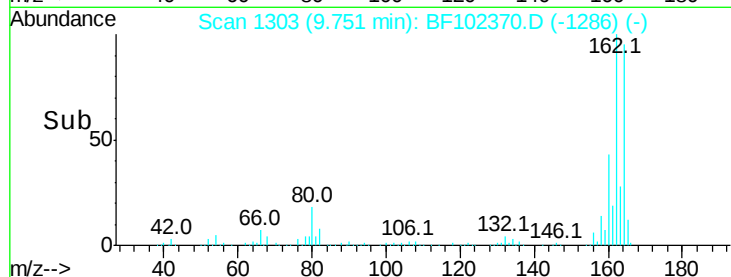


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

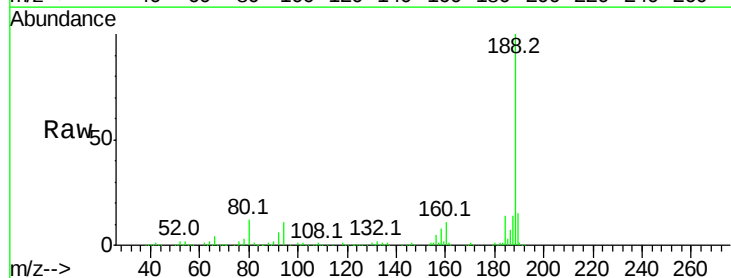
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102370.D
Acq: 24 Jan 2018 4:03

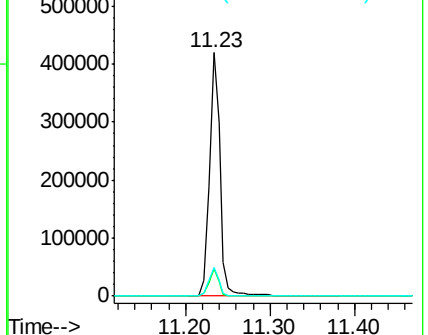
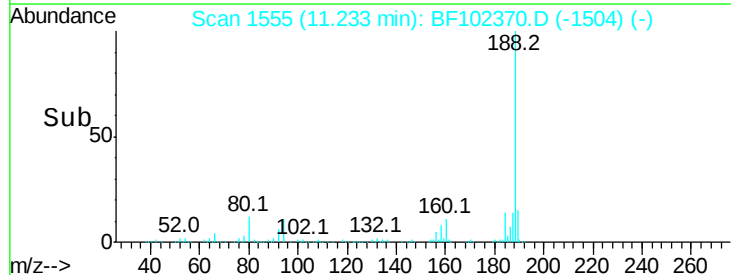
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.9	9.2	13.8

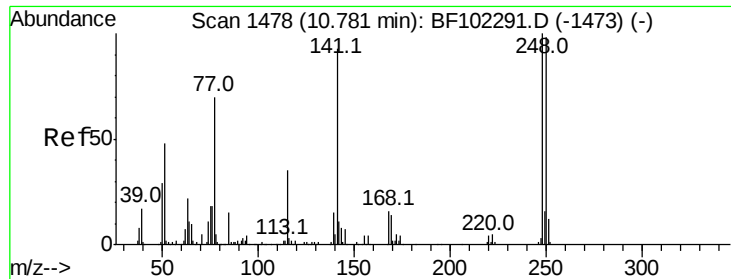


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

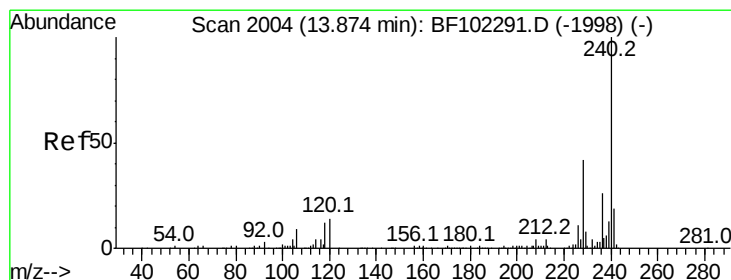
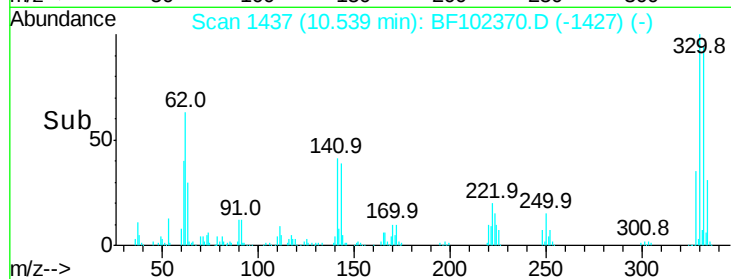
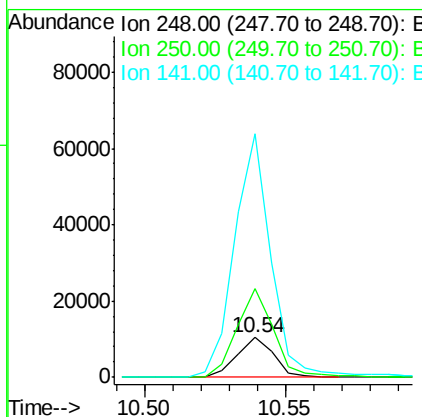
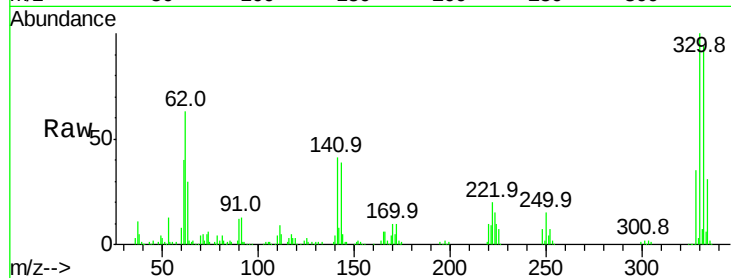




#66
 4-Bromophenyl-phenylether
 Concen: 2.399 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

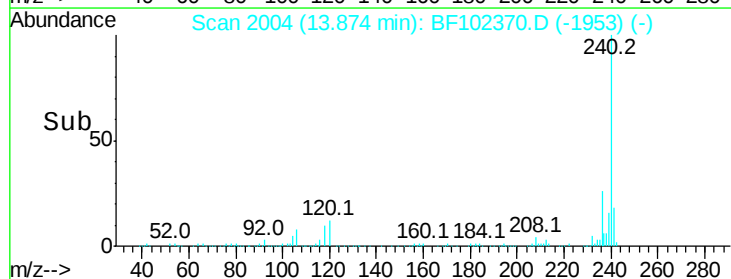
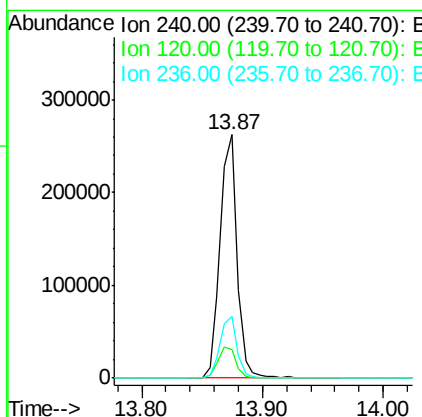
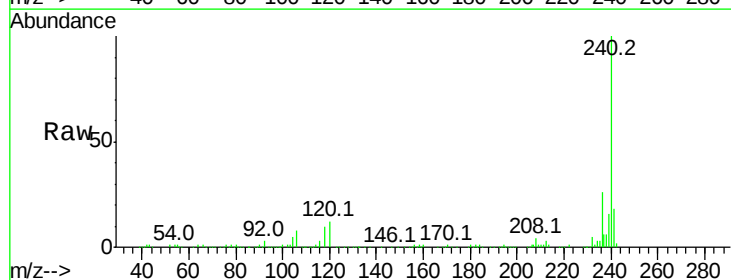
Instrument :
 BNA_F
 ClientSampleId :

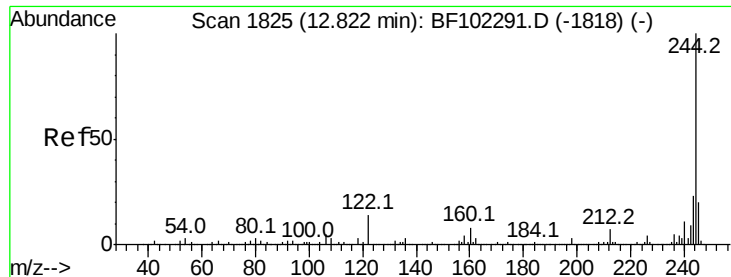
Tot Ion:248 Resp: 9526
 Ion Ratio Lower Upper
 248 100
 250 222.9 76.9 115.3#
 141 608.6 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Tgt Ion:240 Resp: 255395
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 49.981 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

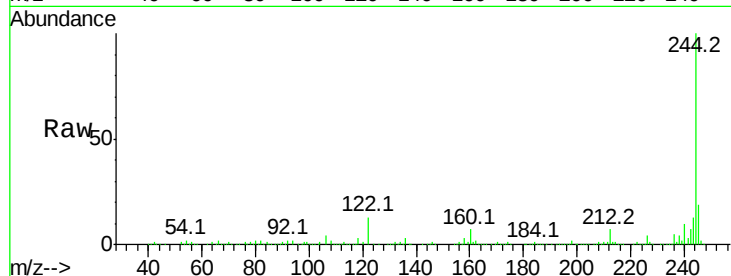
Tot Ion:244 Resp: 566232

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

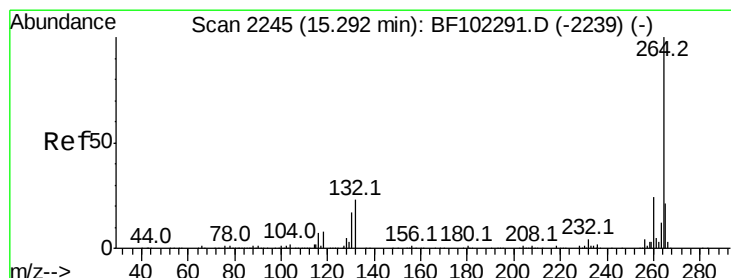
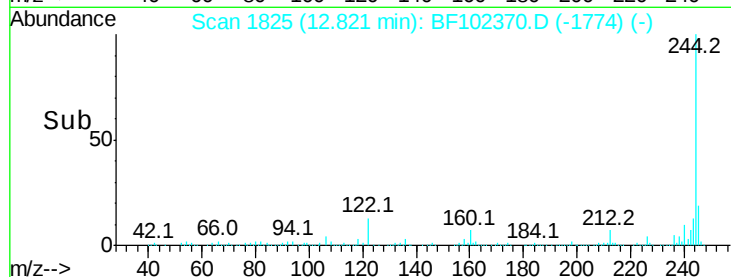
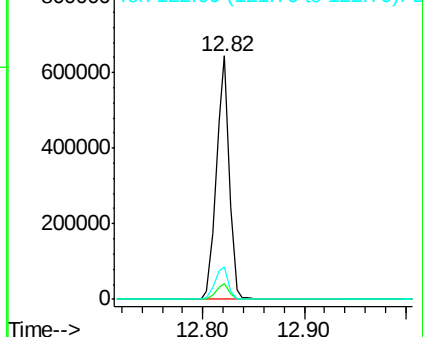
122 13.3 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

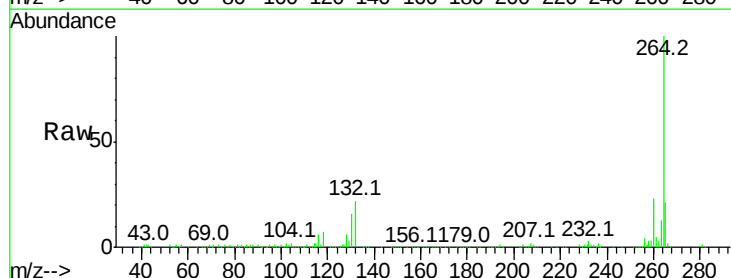
Tgt Ion:264 Resp: 225736

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 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

