

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102454.D
 Acq On : 26 Jan 2018 5:05
 Operator : SJ/JU
 Sample : J1251-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 05:58:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

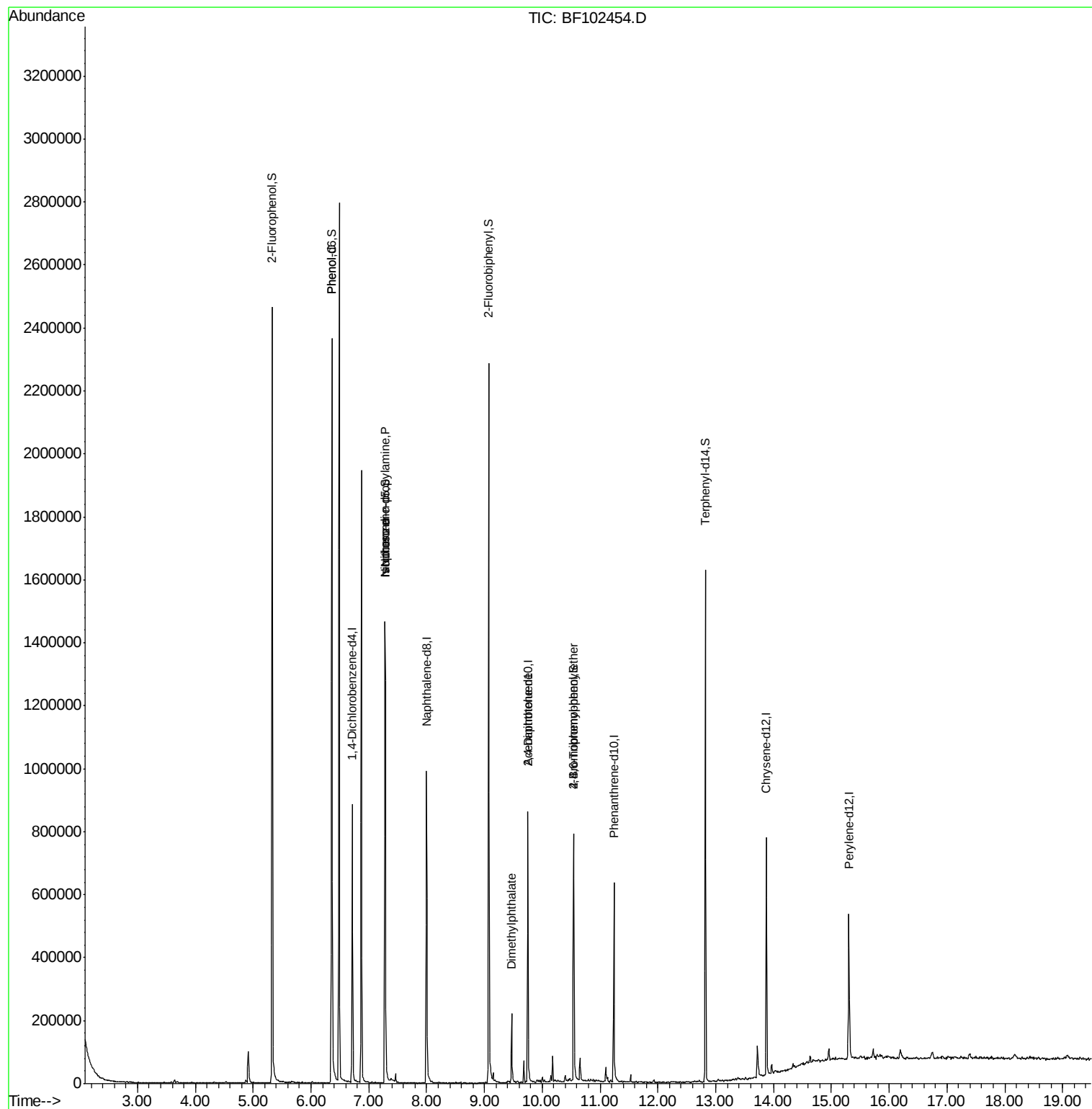
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124040	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470009	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	169965	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	261295	20.00	ng	0.00
75) Chrysene-d12	13.87	240	259892	20.00	ng	0.00
86) Perylene-d12	15.30	264	201353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	764727	93.48	ng	0.00
7) Phenol-d6	6.36	99	896079	90.86	ng	0.00
23) Nitrobenzene-d5	7.28	82	518226	63.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	96283	57.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	726719	62.87	ng	0.00
78) Terphenyl-d14	12.82	244	515368	44.70	ng	0.00
Target Compounds						
10) Phenol	6.37	94	41762	3.879	ng	88
19) n-Nitroso-di-n-propylamine	7.28	70	67261	11.144	ng	# 81
25) Isophorone	7.28	82	518219	35.541	ng	# 64
49) Dimethylphthalate	9.47	163	92069	6.554	ng	98
56) 2,4-Dinitrotoluene	9.75	165	21699	5.826	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	6087	2.164	ng	# 1

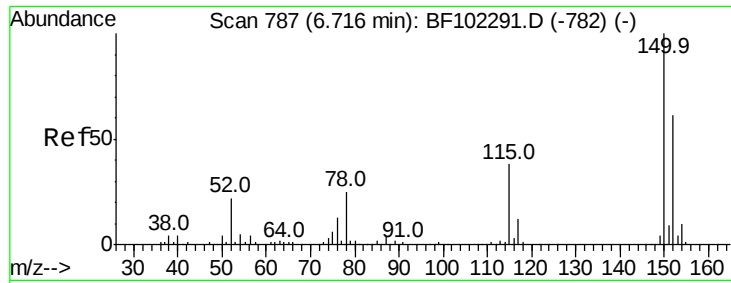
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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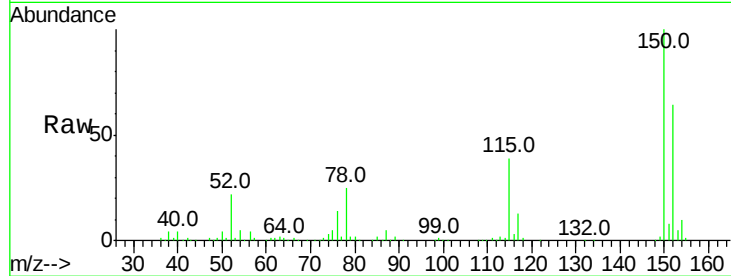


#1

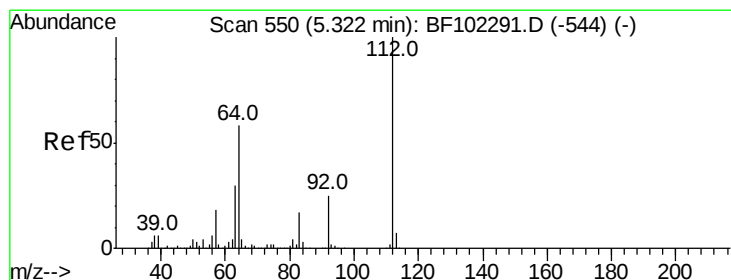
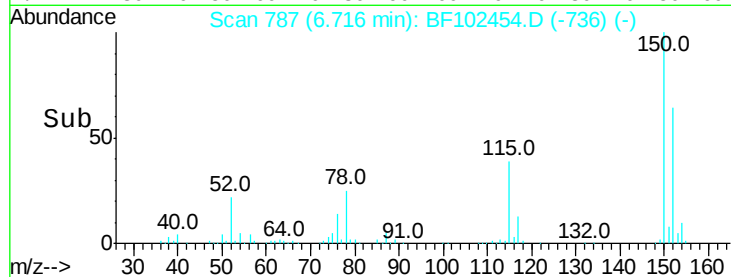
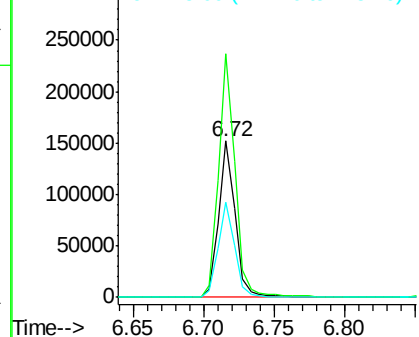
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124040
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.6 50.1 75.1



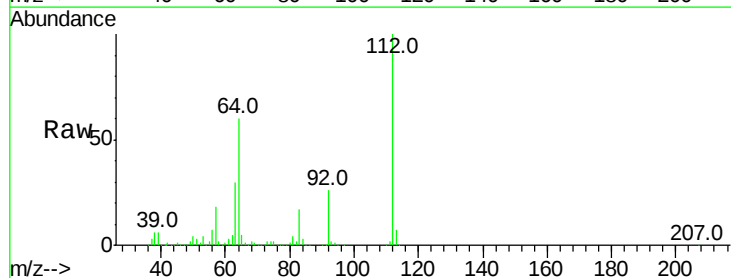
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



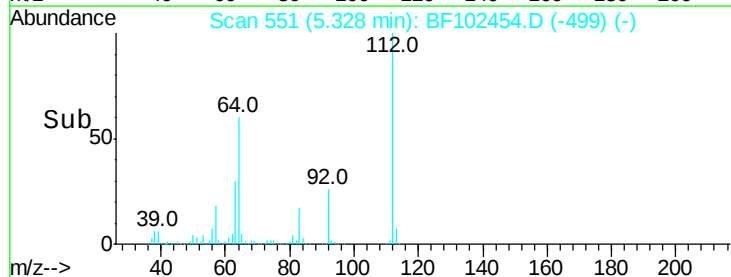
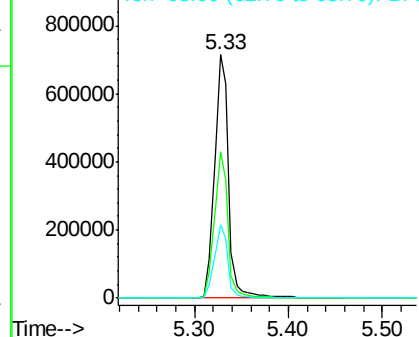
#5

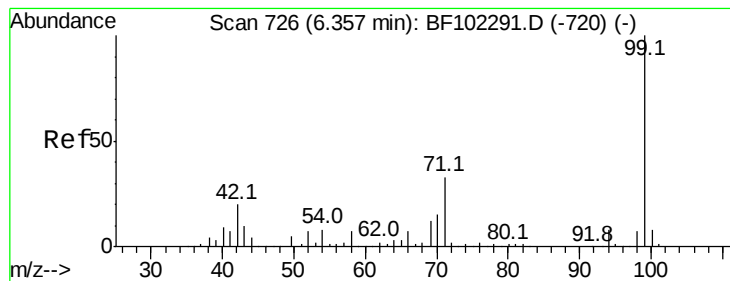
2-Fluorophenol
Concen: 93.480 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

Tgt Ion:112 Resp: 764727
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 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: 90.857 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

BNA_F

ClientSampleId :

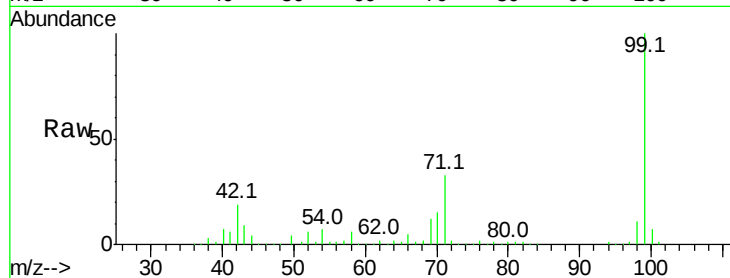
Tot Ion: 99 Resp: 896079

Ion Ratio Lower Upper

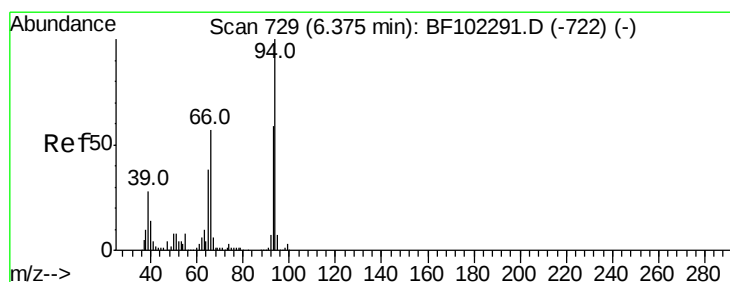
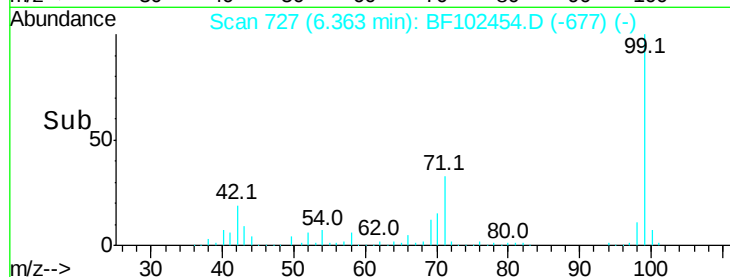
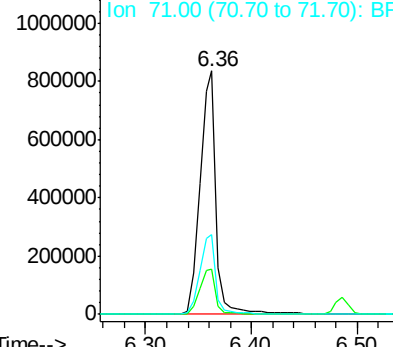
99 100

42 18.6 14.5 21.7

71 32.7 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: 3.879 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

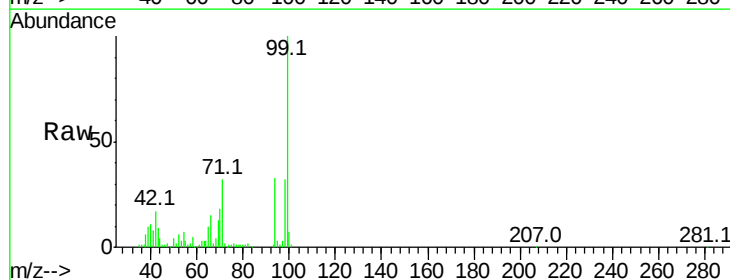
Tgt Ion: 94 Resp: 41762

Ion Ratio Lower Upper

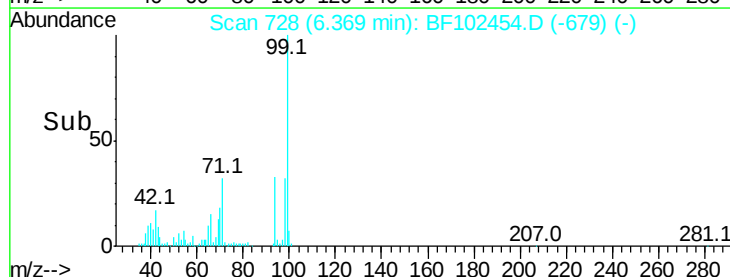
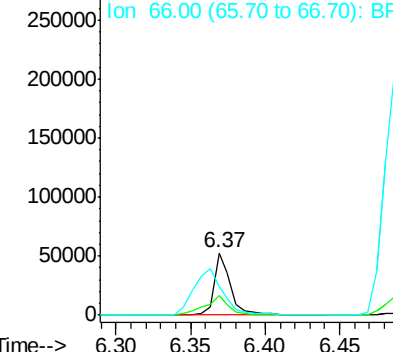
94 100

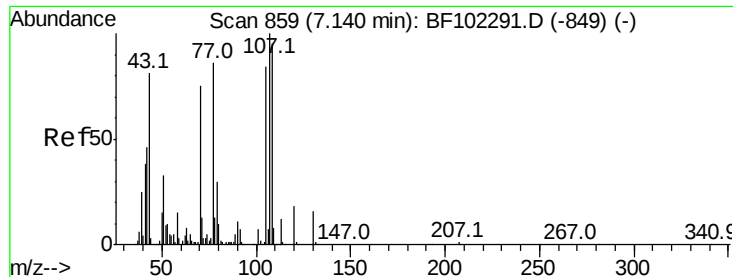
65 30.8 7.9 47.9

66 45.7 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

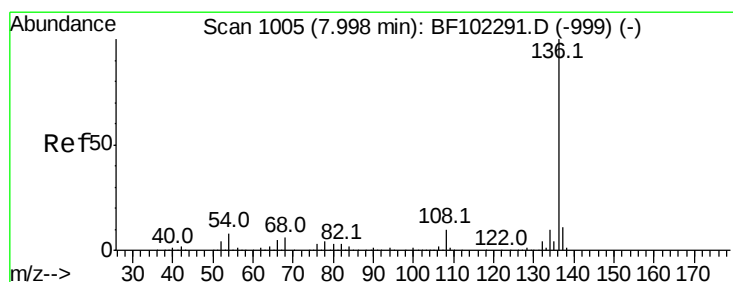
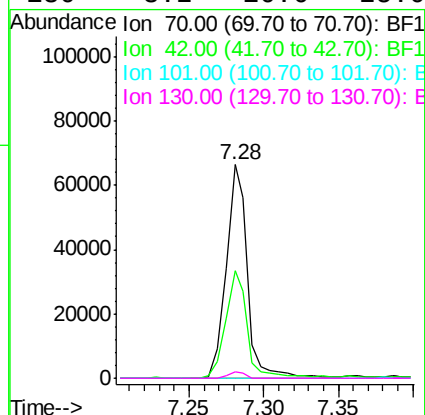
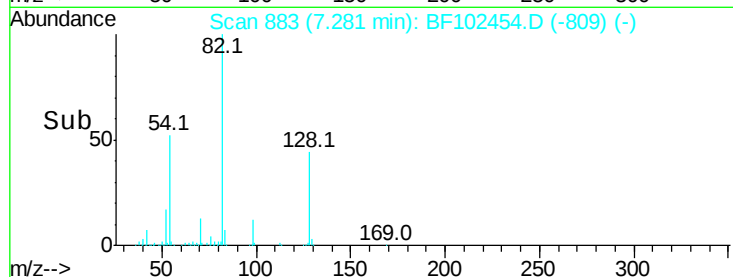
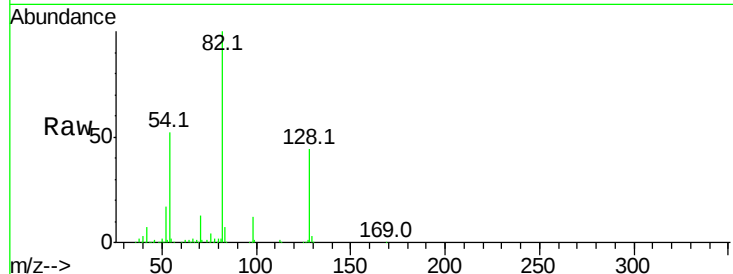




#19
n-Nitroso-di-n-propylamine
Concen: 11.144 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

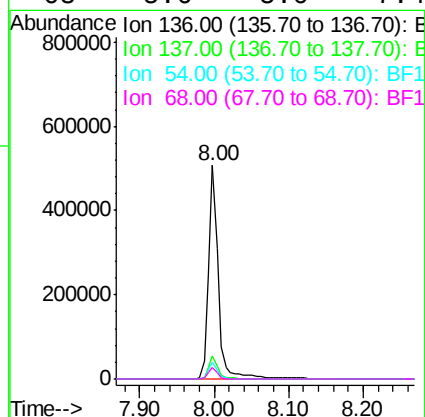
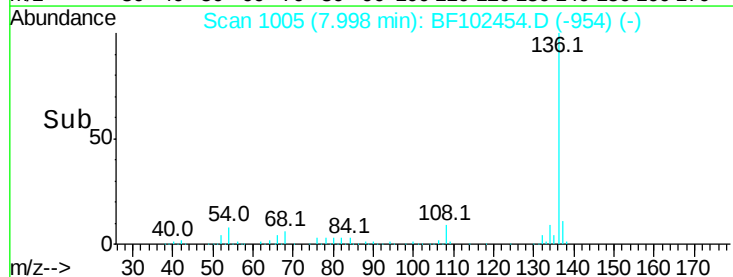
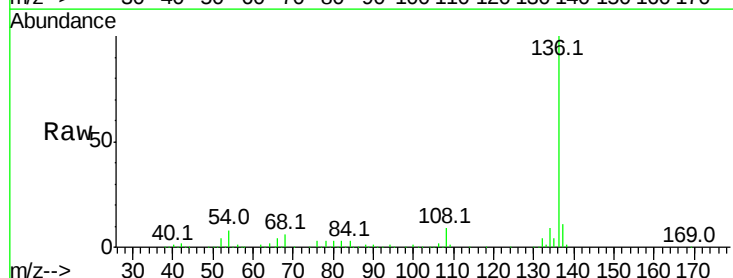
Instrument :
BNA_F
ClientSampleId :

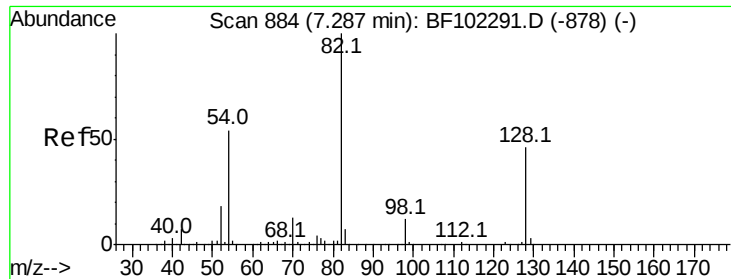
Tot Ion: 70 Resp: 67261
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 3.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102454.D
Acq: 26 Jan 2018 5:05

Tgt Ion:136 Resp: 470009
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.0 6.6 9.8
68 5.6 5.0 7.4

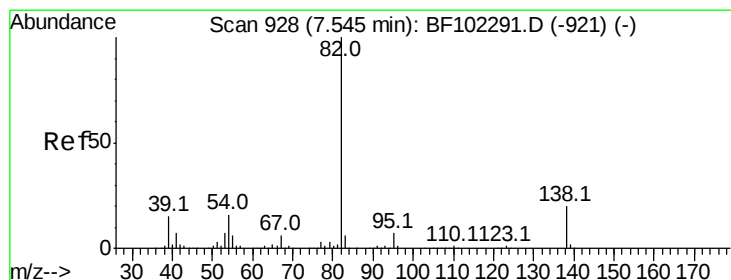
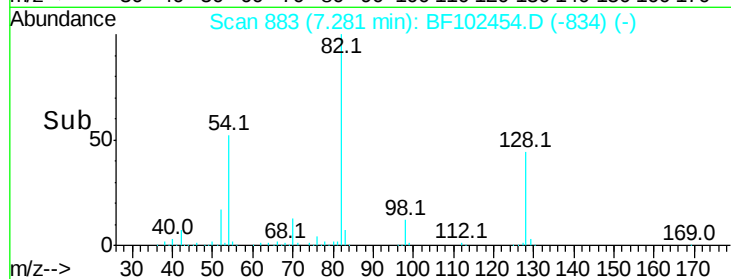
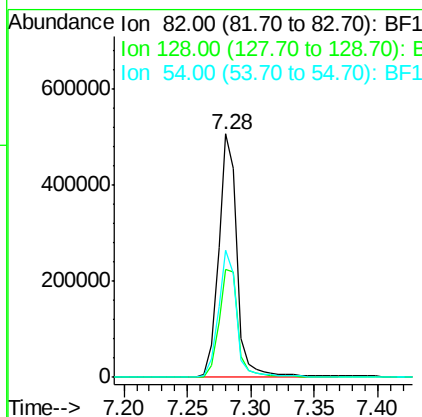
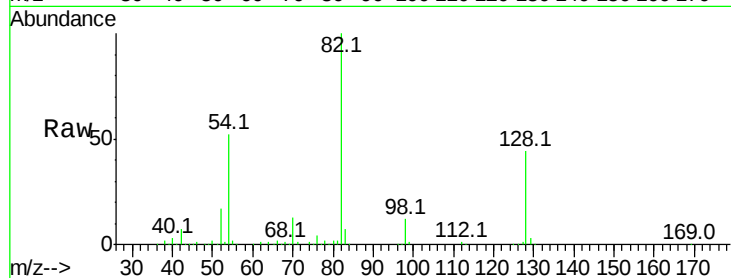




#23
 Nitrobenzene-d5
 Concen: 63.362 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

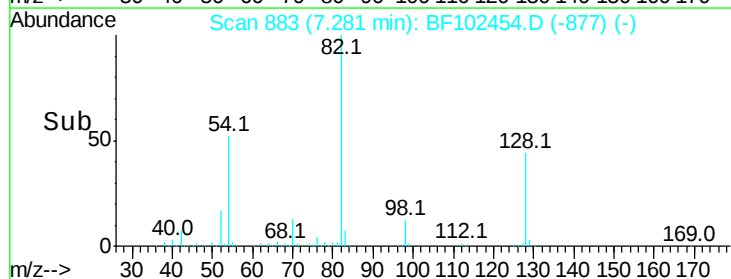
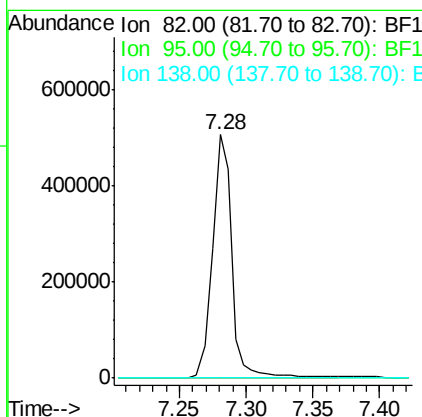
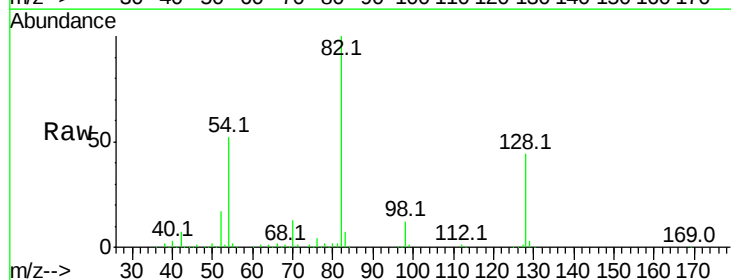
Instrument :
 BNA_F
 ClientSampleId :

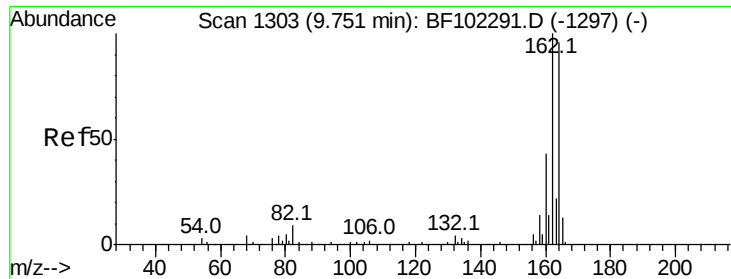
Tot Ion:	82	Resp:	518226
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	52.2	41.4	62.2



#25
 Isophorone
 Concen: 35.541 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Tgt Ion:	82	Resp:	518219
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

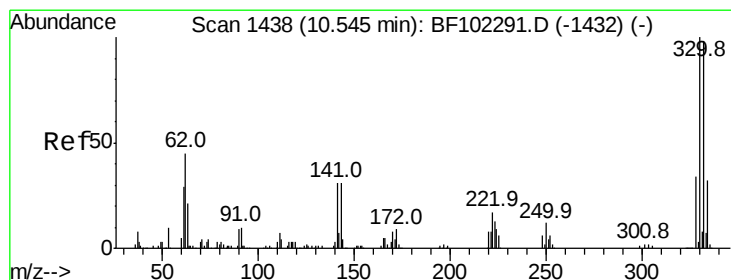
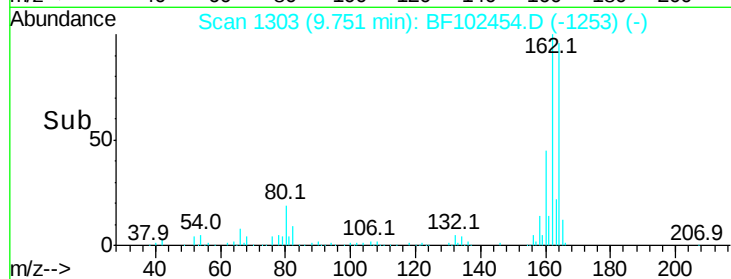
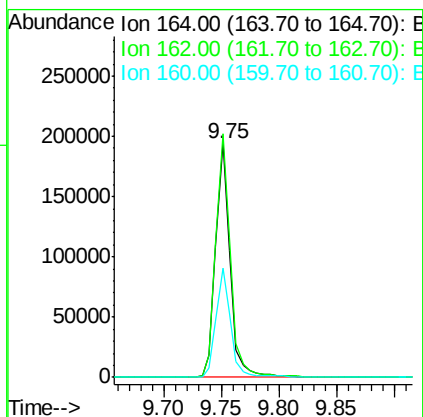
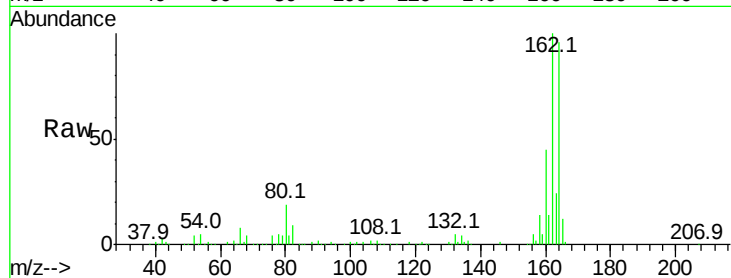




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

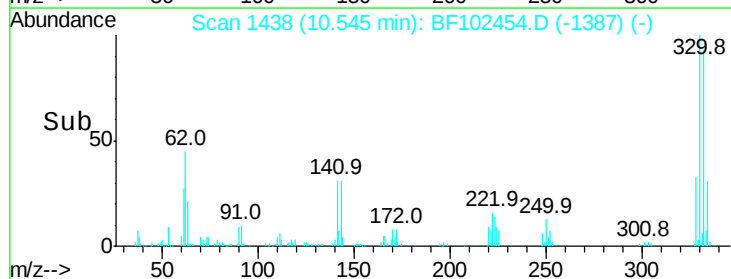
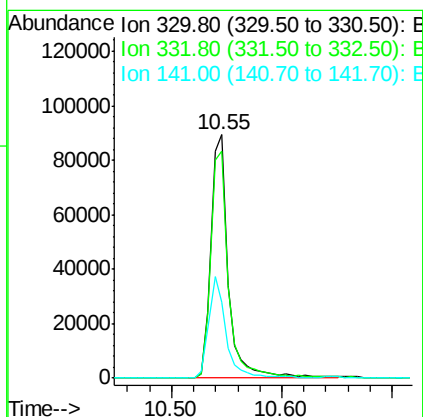
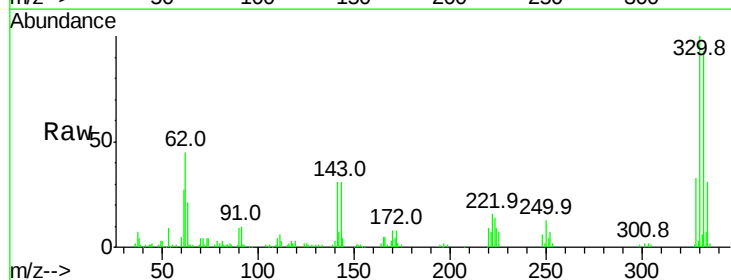
Instrument :
 BNA_F
 ClientSampled :

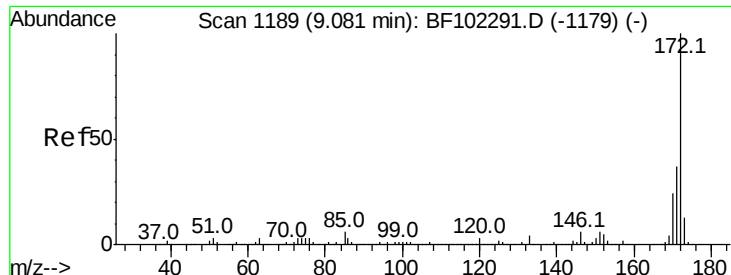
Tot Ion:164 Resp: 169965
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 57.171 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Tgt Ion:330 Resp: 96283
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 40.9 29.9 44.9

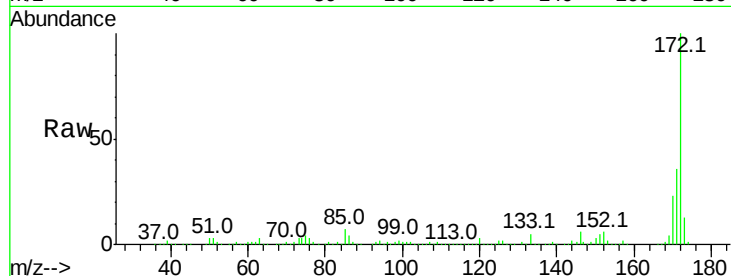




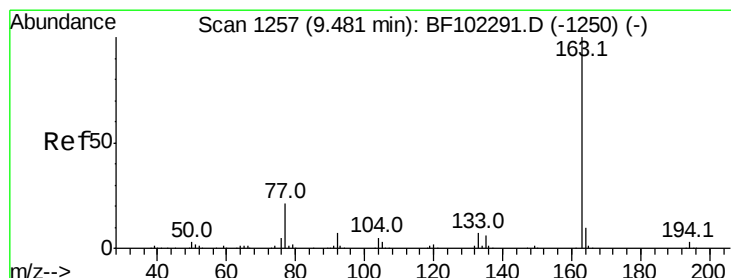
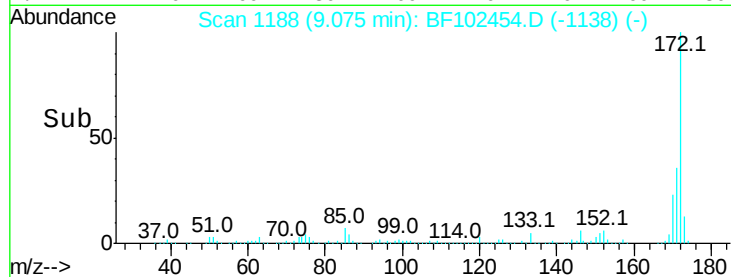
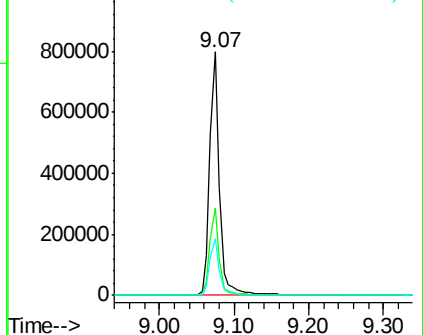
#44
 2-Fluorobiphenyl
 Concen: 62.868 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

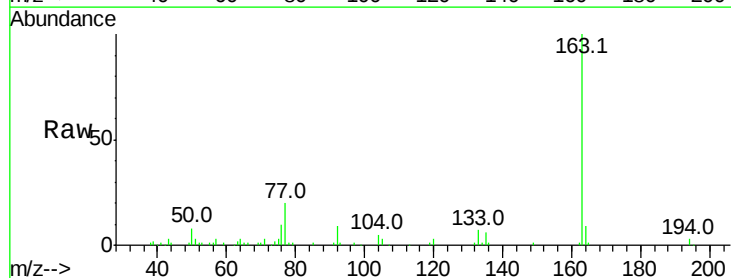


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

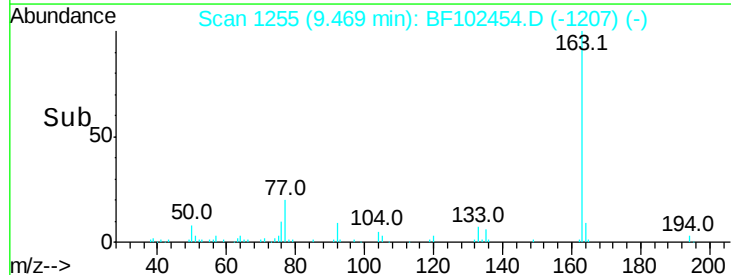
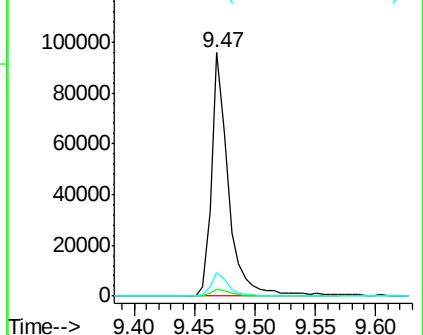


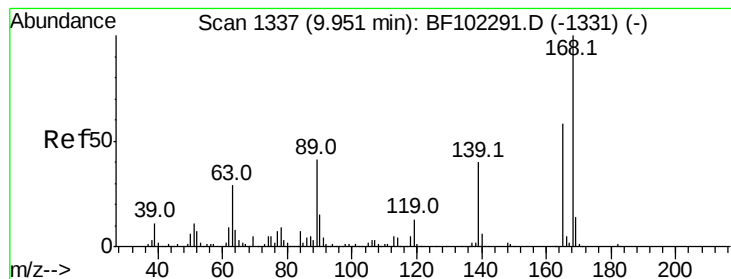
#49
 Dimethylphthalate
 Concen: 6.554 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	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

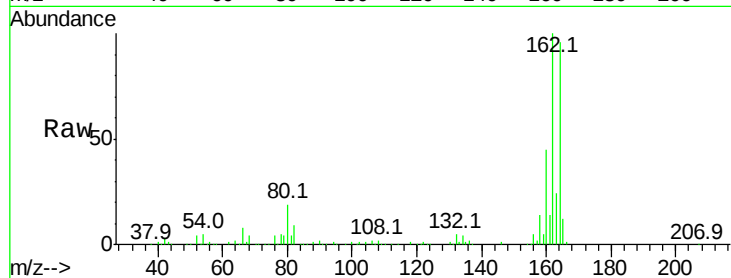




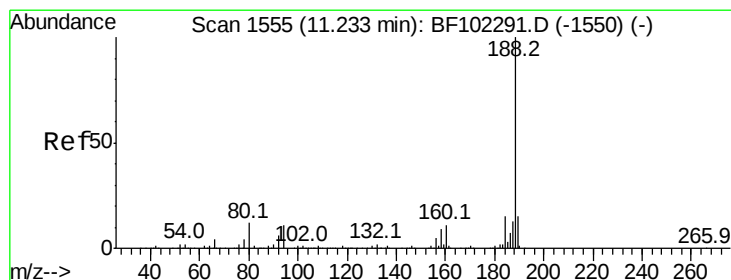
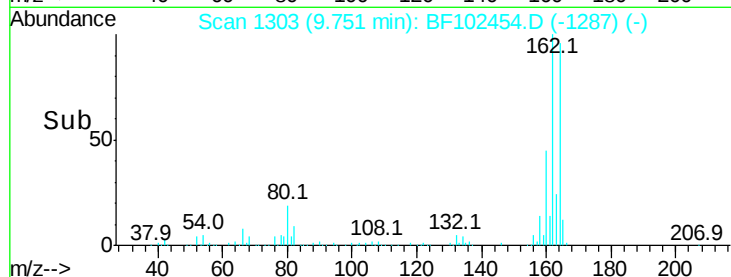
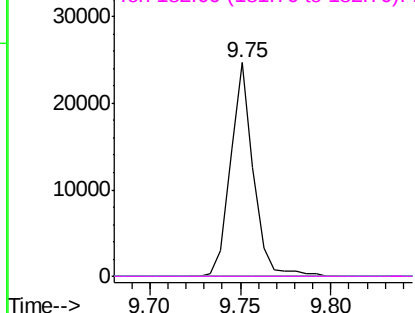
#56
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21699
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

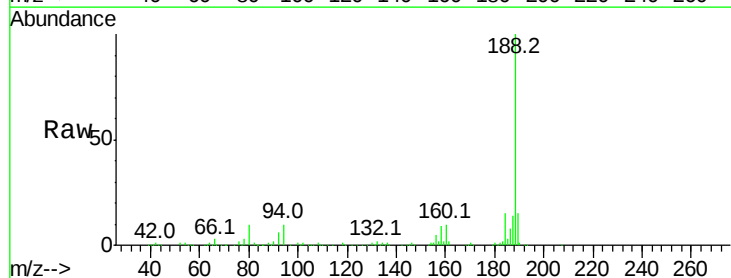


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

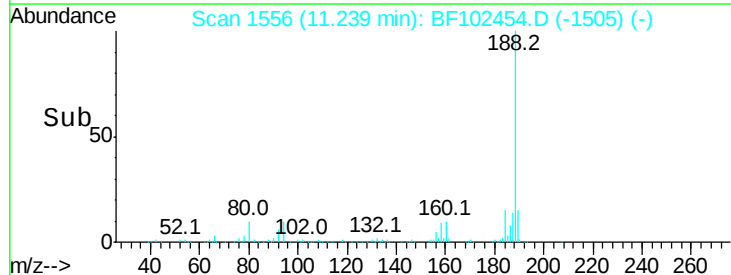
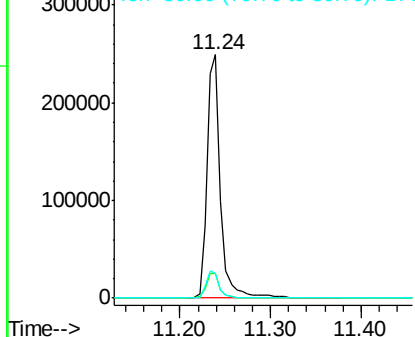


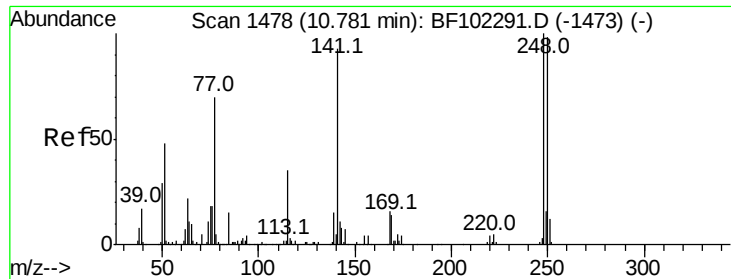
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Tgt Ion:188 Resp: 261295
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.4 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

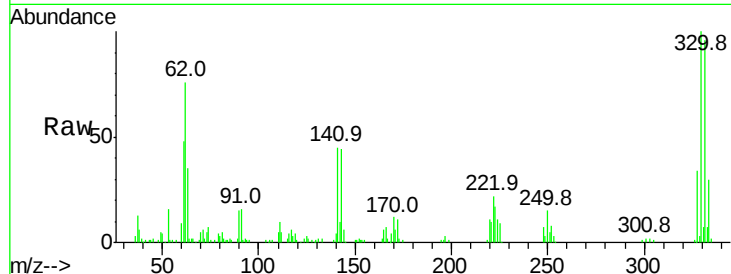




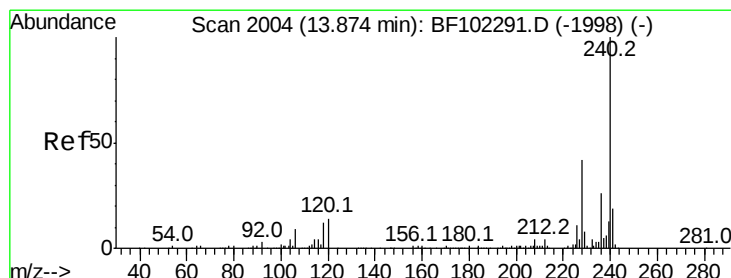
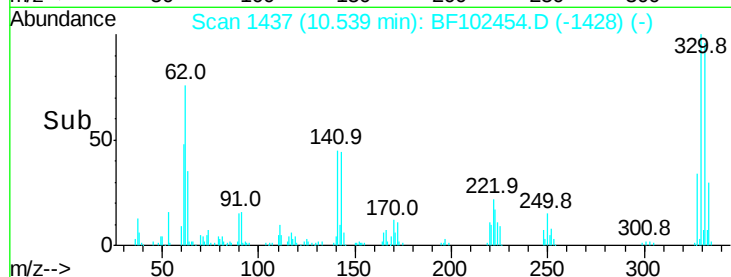
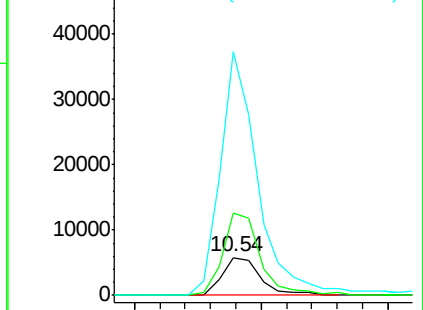
#66
 4-Bromophenyl-phenylether
 Concen: 2.164 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6087
 Ion Ratio Lower Upper
 248 100
 250 215.7 76.9 115.3#
 141 640.7 74.4 111.6#

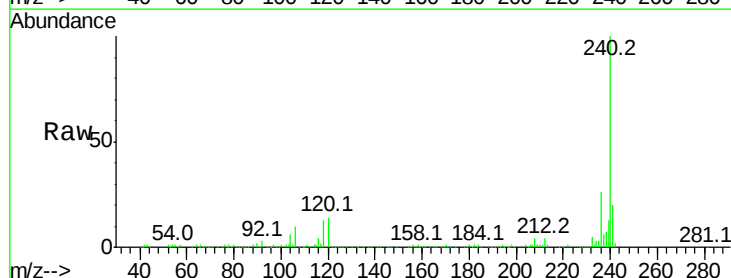


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

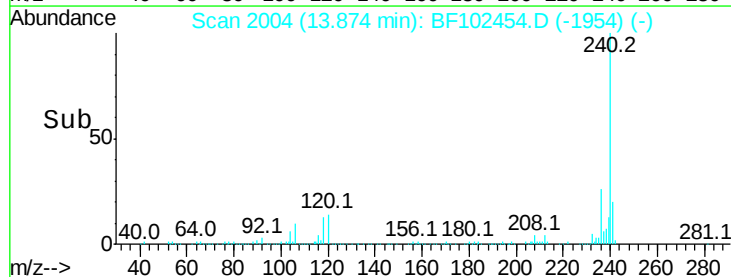
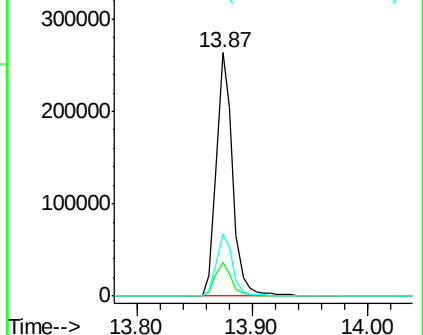


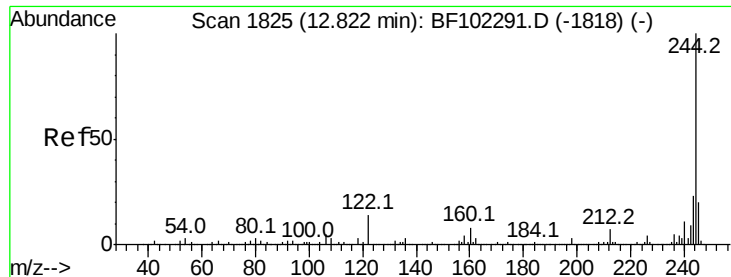
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102454.D
 Acq: 26 Jan 2018 5:05

Tgt Ion:240 Resp: 259892
 Ion Ratio Lower Upper
 240 100
 120 14.1 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





#78

Terphenyl-d14

Concen: 44.704 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

Instrument :

BNA_F

ClientSampleId :

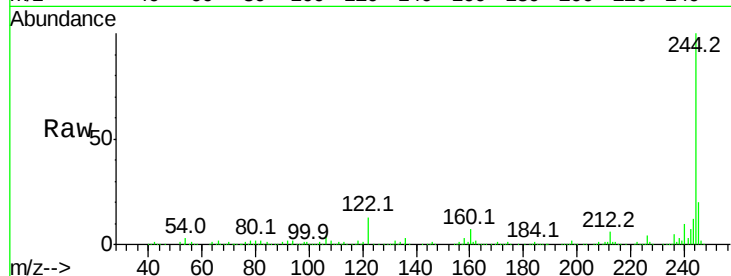
Tot Ion:244 Resp: 515368

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

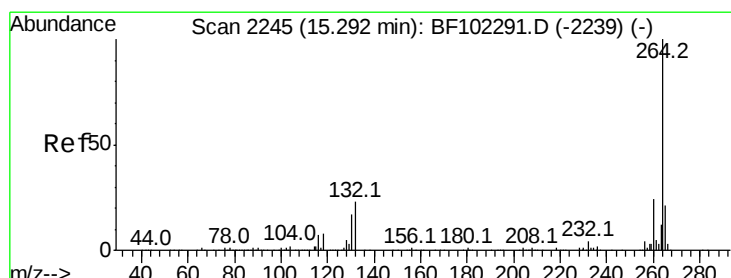
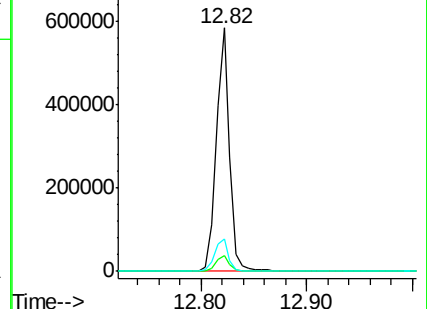
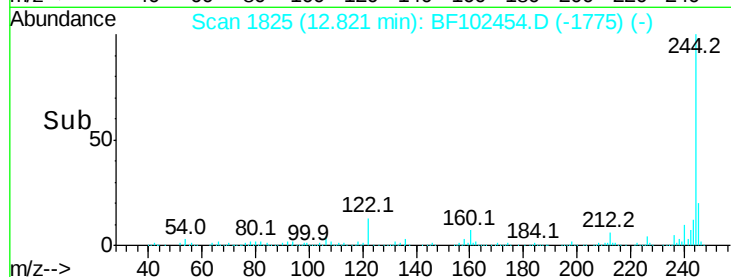
122 13.4 11.0 16.4



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# 2247

Delta R.T. 0.01 min

Lab File: BF102454.D

Acq: 26 Jan 2018 5:05

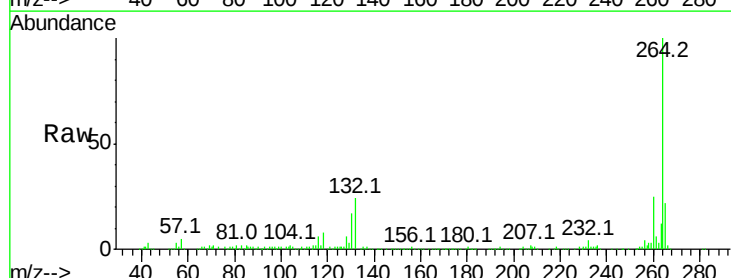
Tgt Ion:264 Resp: 201353

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

