

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104728.D
 Acq On : 24 Apr 2018 1:41
 Operator : JU/SJ
 Sample : J2492-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:24:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

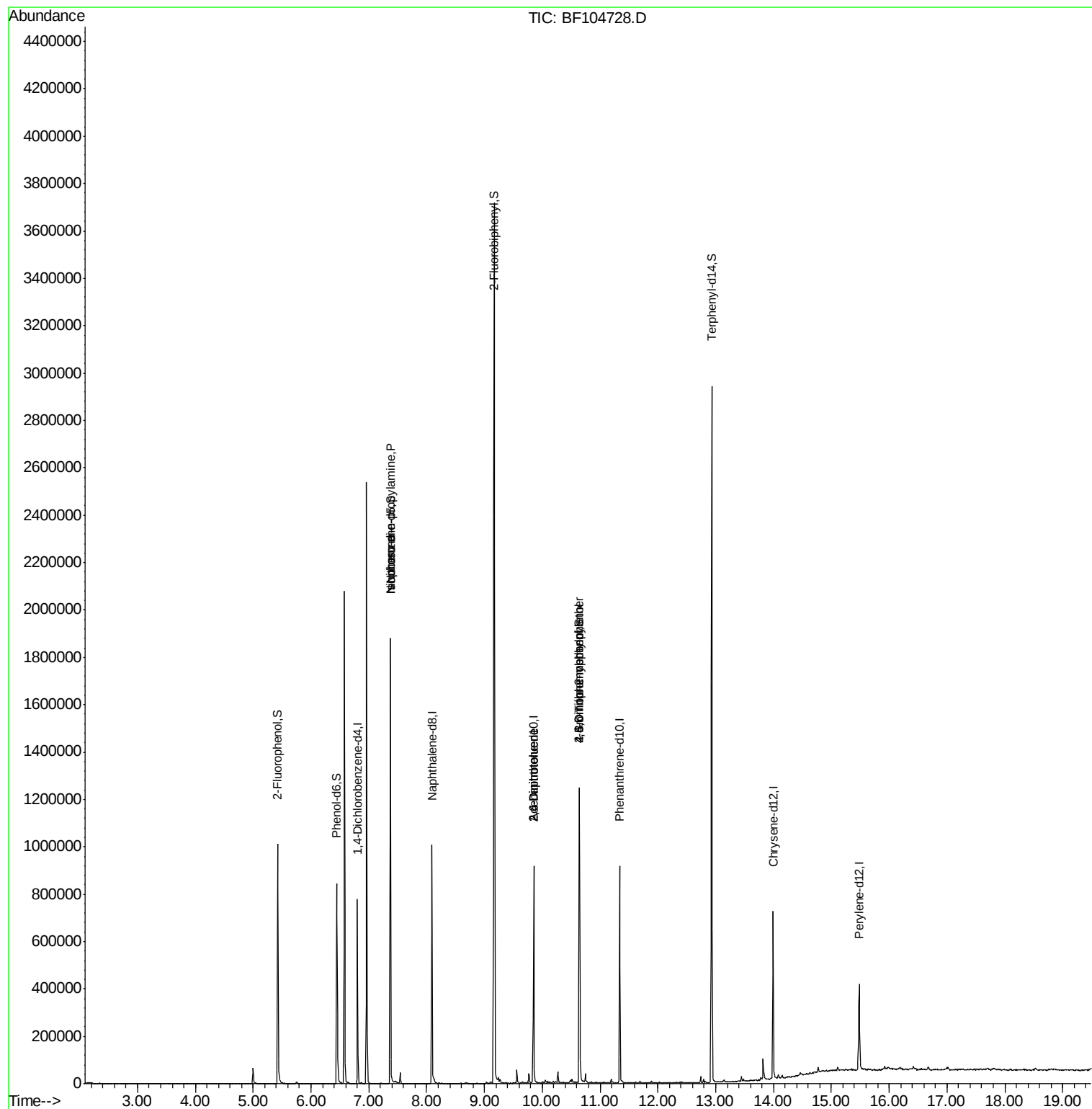
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110135	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	444338	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	188167	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	314664	20.00	ng	0.00
75) Chrysene-d12	13.99	240	229177	20.00	ng	0.00
86) Perylene-d12	15.48	264	170663	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	324407	45.04	ng	0.00
7) Phenol-d6	6.45	99	251832	28.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	662241	97.32	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173861	89.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1189602	99.87	ng	0.00
78) Terphenyl-d14	12.93	244	1119713	111.39	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	85445	14.775	ng	# 73
25) Isophorone	7.37	82	662236	46.022	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	23532	8.571	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	23532	6.534	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.64	198	301	7.513	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	10600	3.167	ng	# 1
76) Benizidine	12.93	184	14901	Below Cal		97

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

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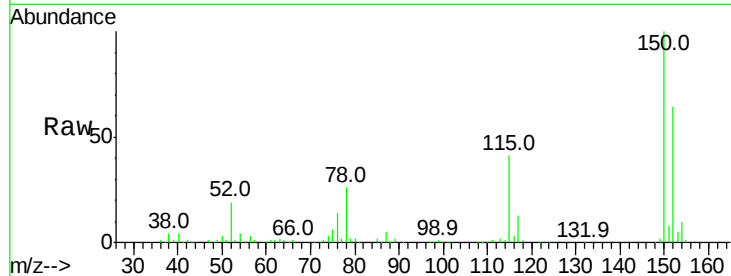


#1

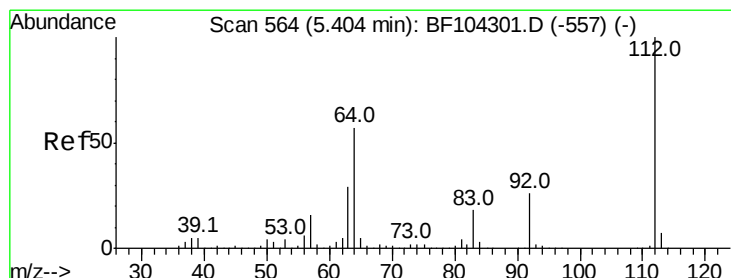
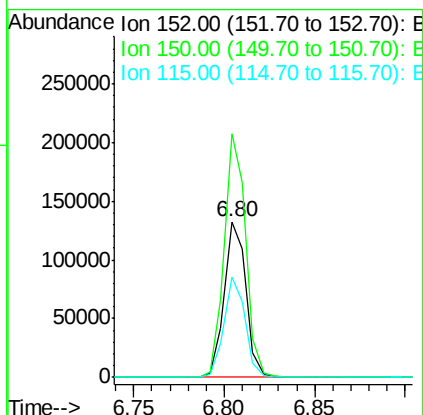
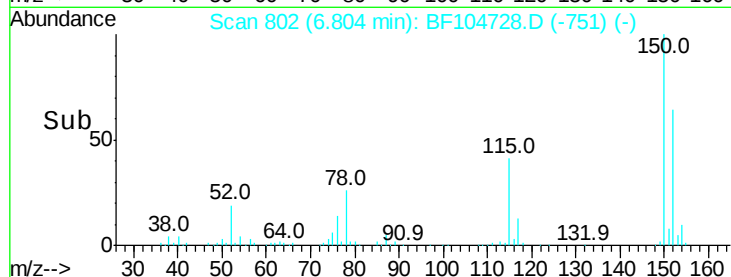
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110135
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.4 50.1 75.1



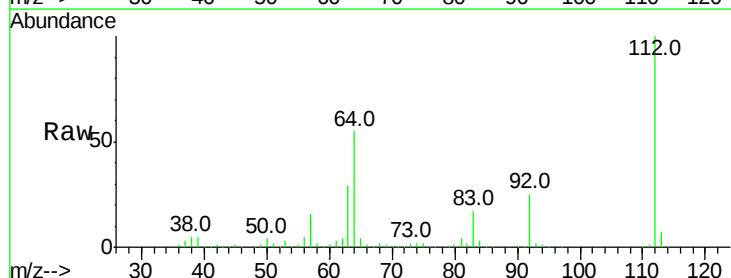
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



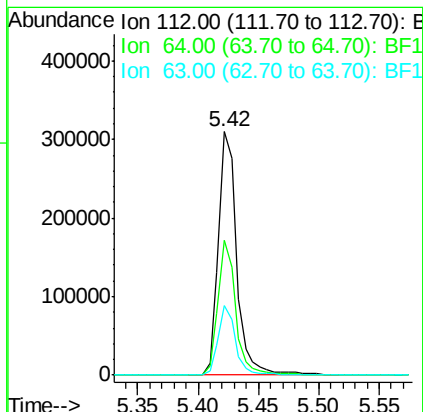
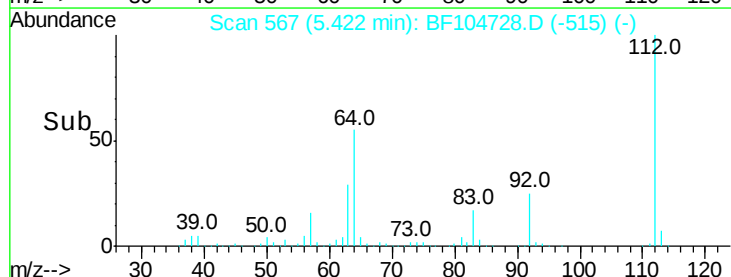
#5

2-Fluorophenol
Concen: 45.039 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Tgt Ion:112 Resp: 324407
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 28.6 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: 28.456 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104728.D

Acq: 24 Apr 2018 1:41

Instrument :

BNA_F

ClientSampleId :

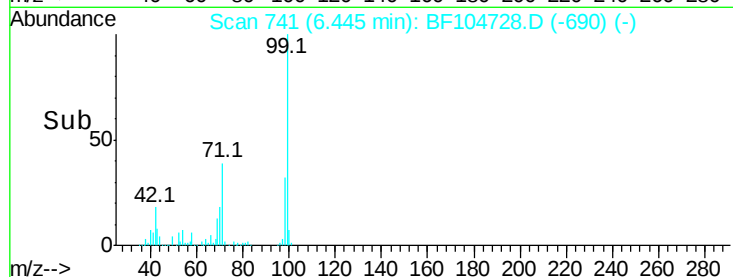
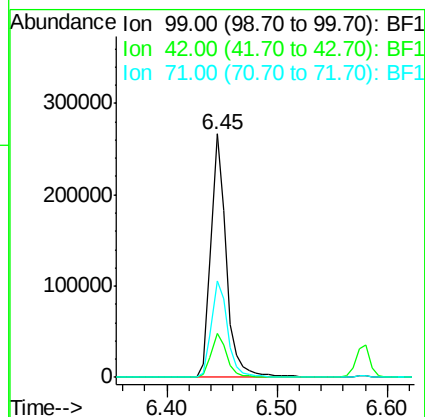
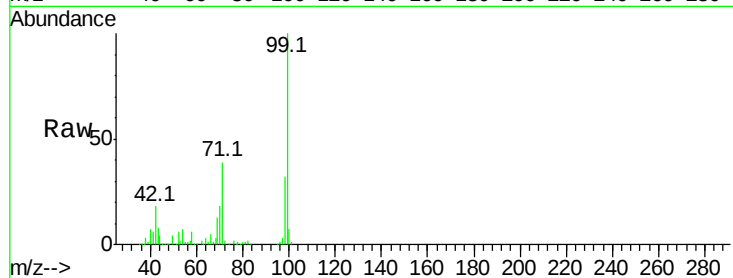
Tot Ion: 99 Resp: 251832

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 39.5 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.775 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104728.D

Acq: 24 Apr 2018 1:41

Tgt Ion: 70 Resp: 85445

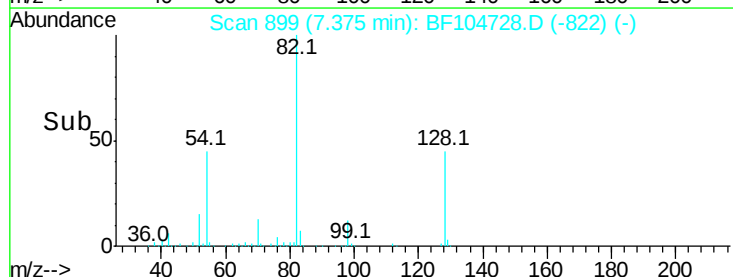
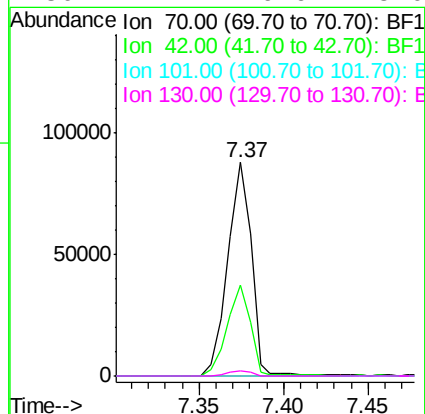
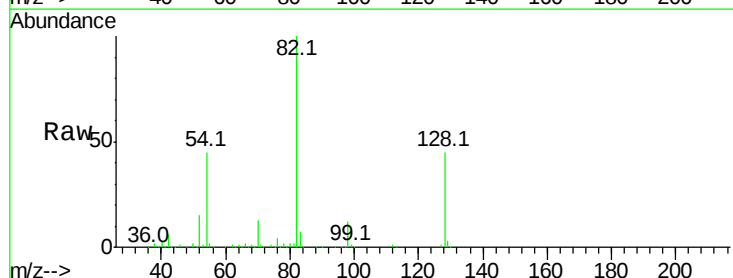
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

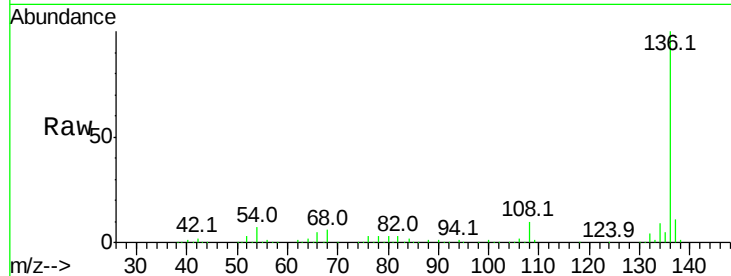




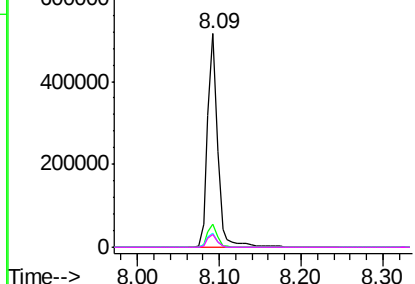
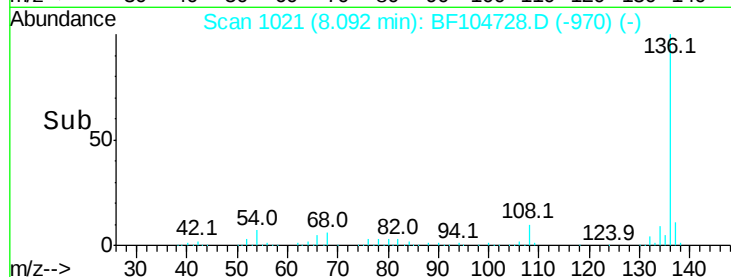
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	444338
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

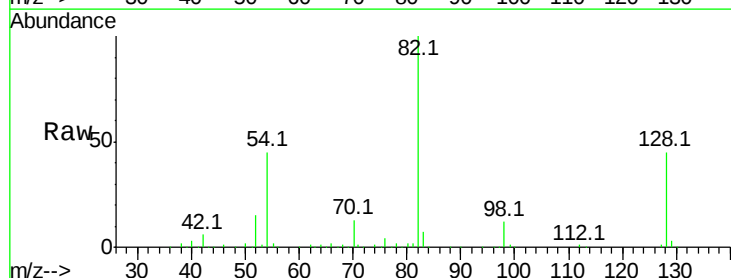


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

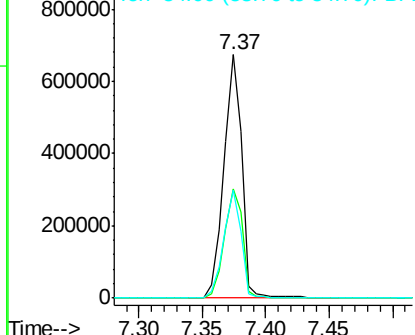
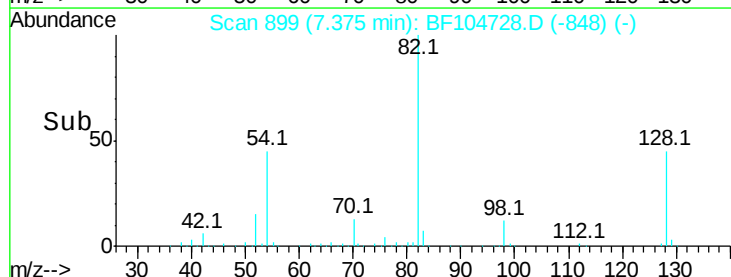


#23
Nitrobenzene-d5
Concen: 97.320 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Tgt Ion:	82	Resp:	662241
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	44.5	41.4	62.2



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





#25

Isophorone

Concen: 46.022 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104728.D

Acq: 24 Apr 2018 1:41

Instrument :

BNA_F

ClientSampleId :

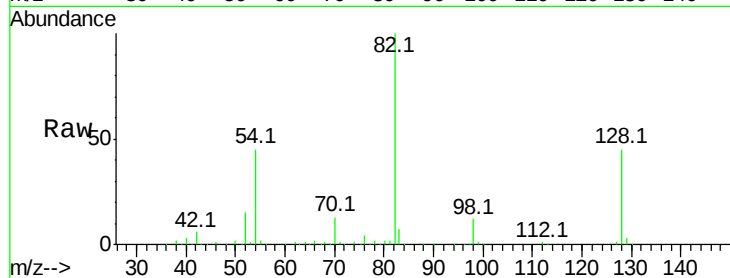
Tot Ion: 82 Resp: 662236

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

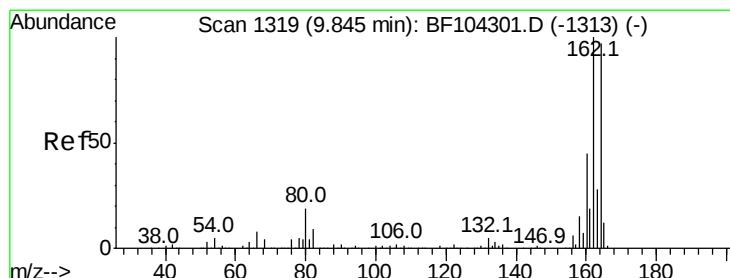
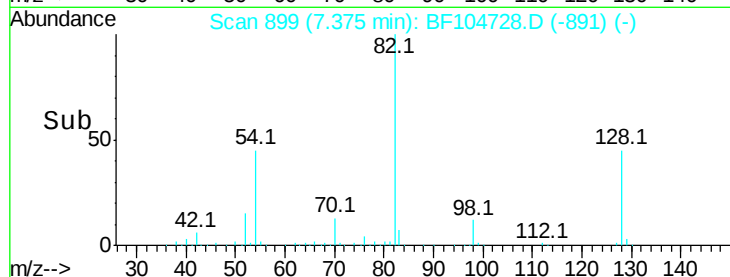
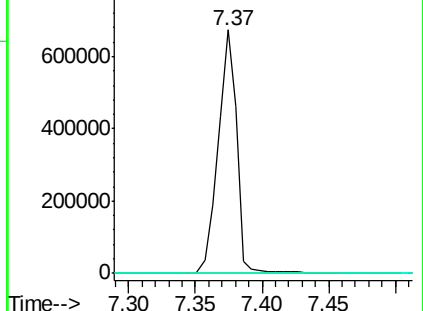
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104728.D

Acq: 24 Apr 2018 1:41

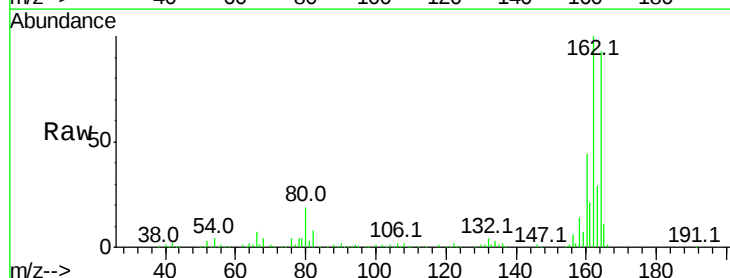
Tgt Ion:164 Resp: 188167

Ion Ratio Lower Upper

164 100

162 107.5 86.1 129.1

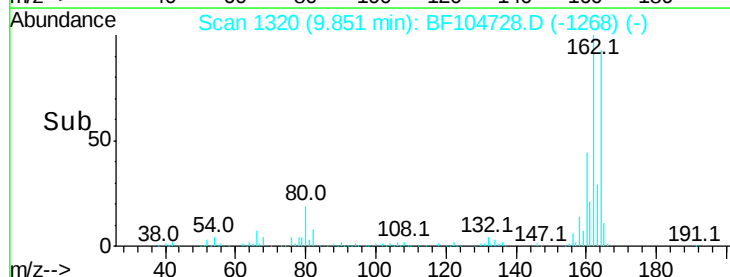
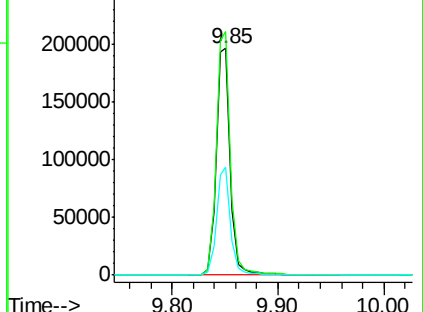
160 47.7 38.3 57.5



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

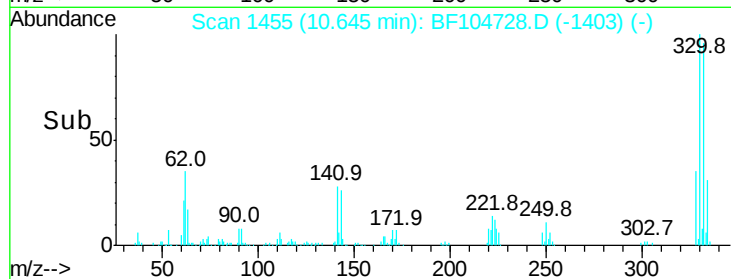
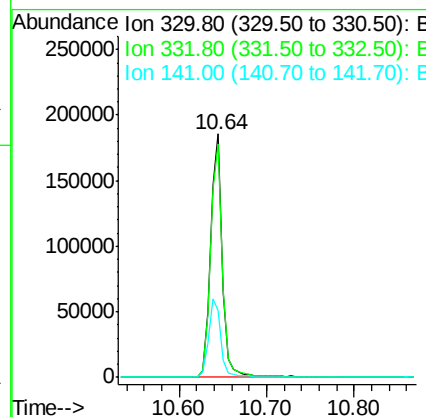
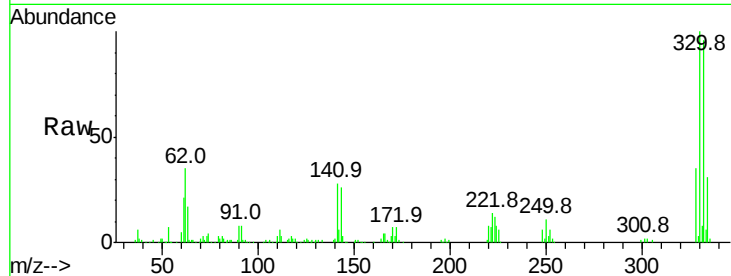




#41
 2,4,6-Tribromophenol
 Concen: 89.072 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

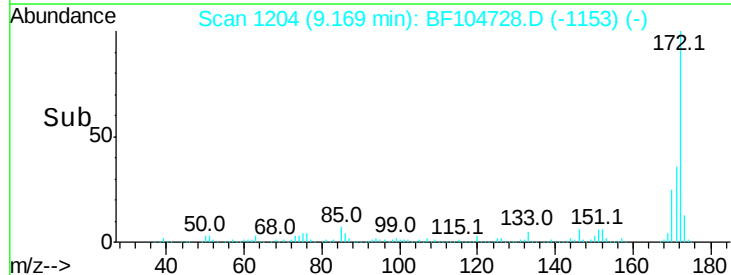
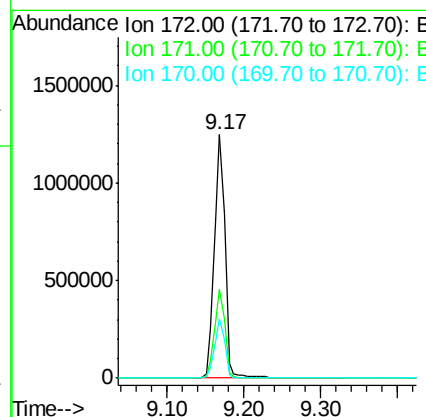
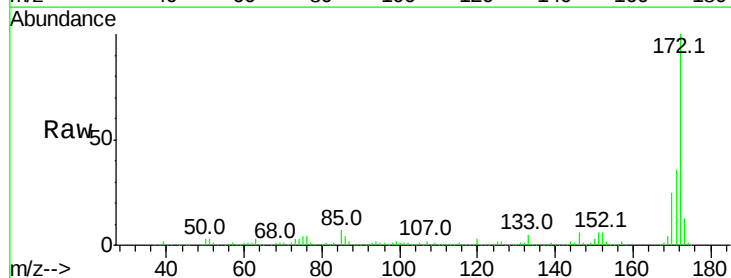
Instrument :
 BNA_F
 ClientSampled :

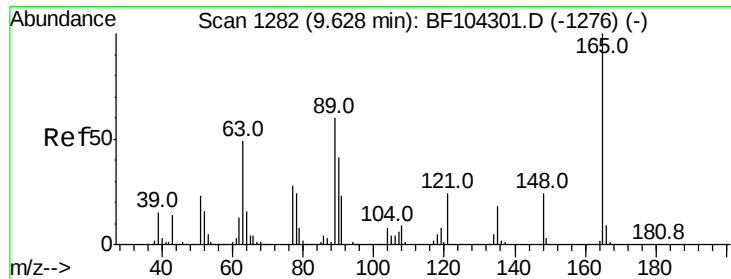
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.873 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

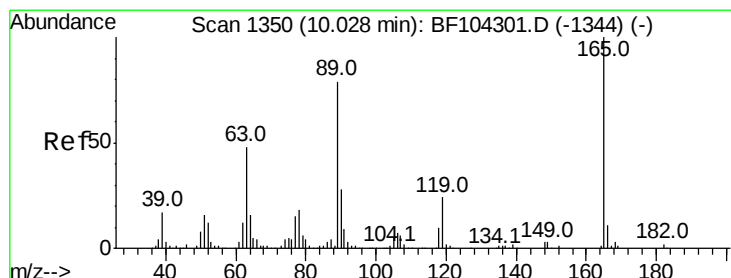
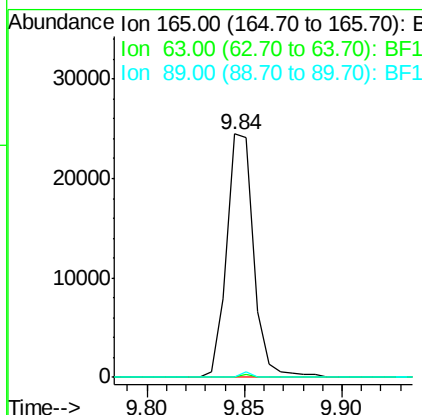
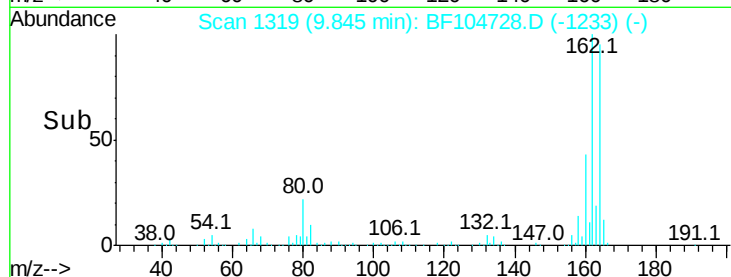
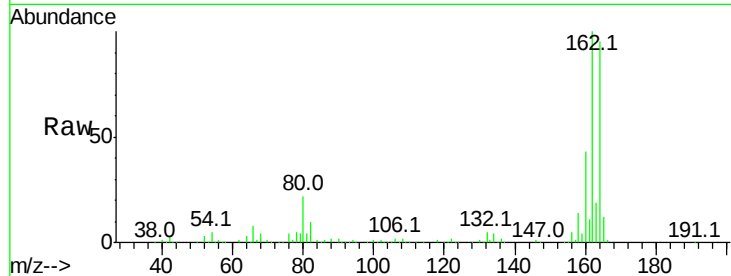




#50
 2,6-Dinitrotoluene
 Concen: 8.571 ng
 RT: 9.84 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

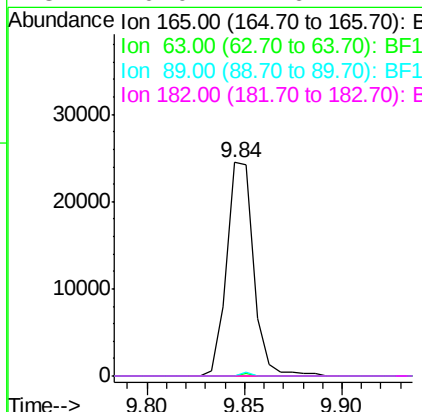
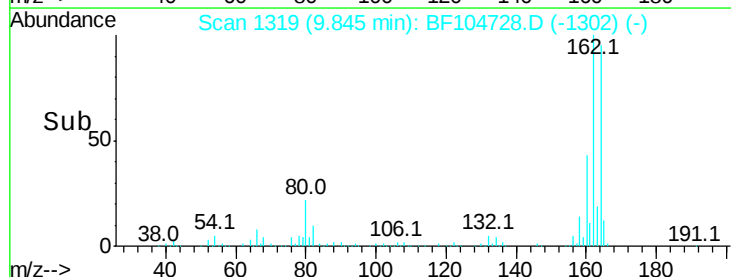
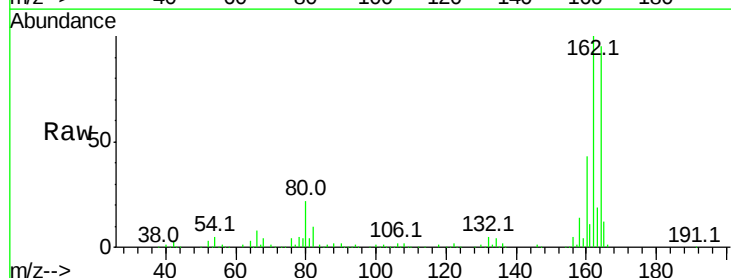
Instrument :
 BNA_F
 ClientSampleId :

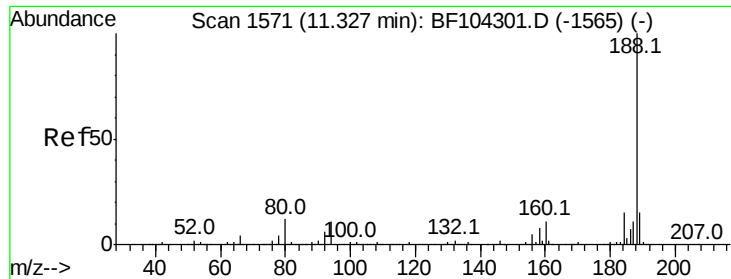
Tot Ion:	165	Resp:	23532
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.534 ng
 RT: 9.84 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Tgt Ion:	165	Resp:	23532
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#

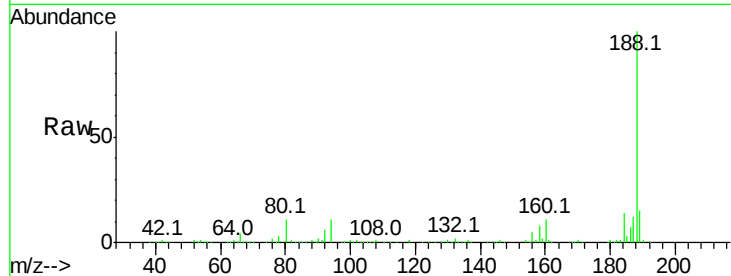




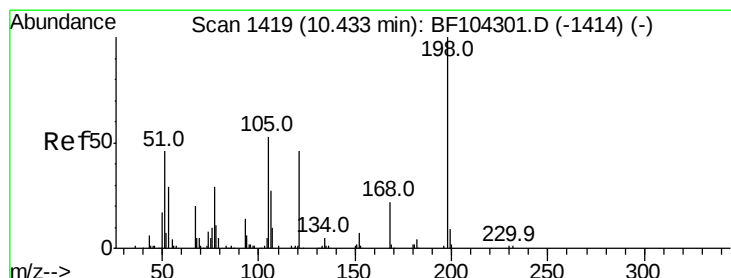
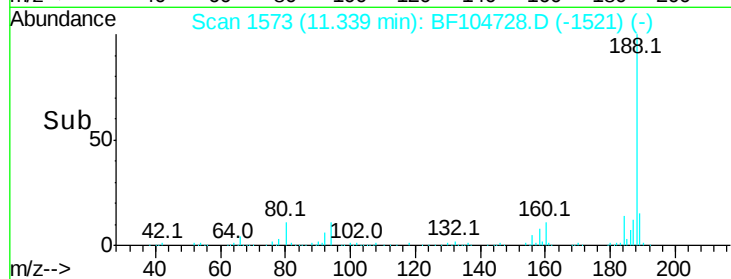
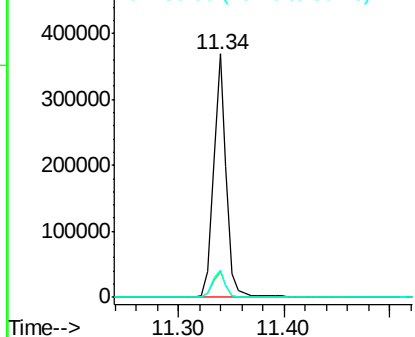
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 314664
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

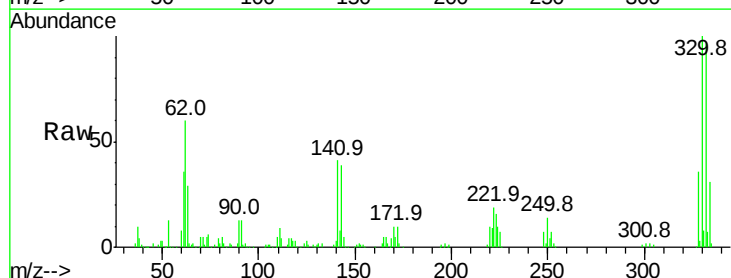


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

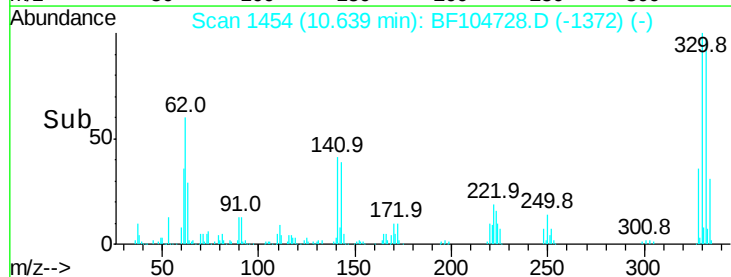
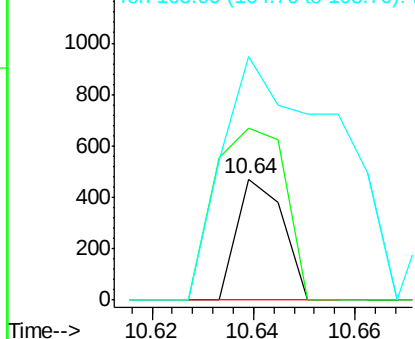


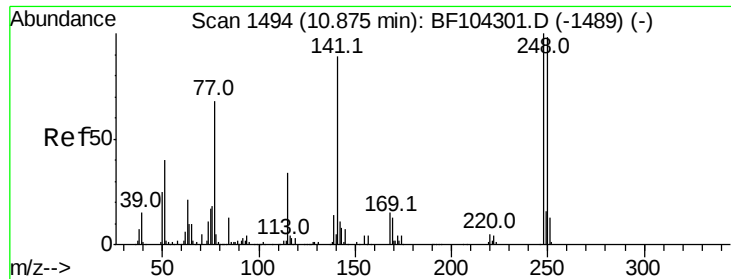
#64
4,6-Dinitro-2-methylphenol
Concen: 7.513 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Tgt Ion:198 Resp: 301
Ion Ratio Lower Upper
198 100
51 142.8 37.7 77.7#
105 201.5 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

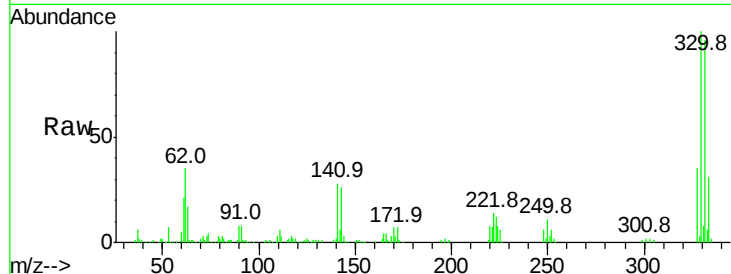




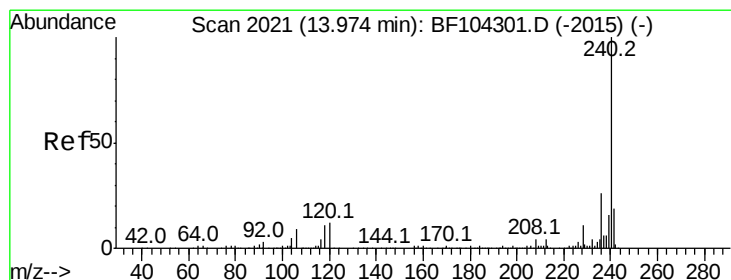
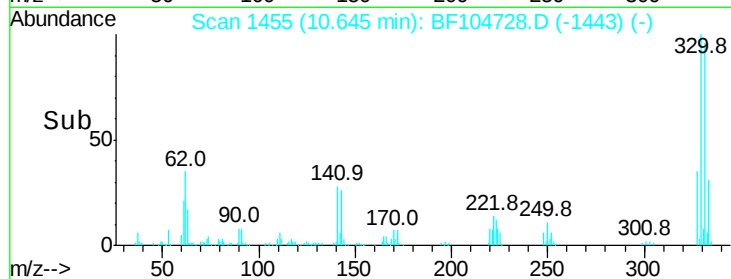
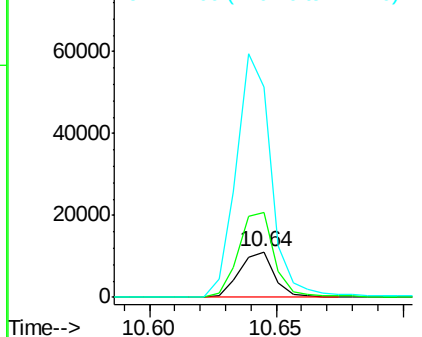
#66
4-Bromophenyl-phenylether
Concen: 3.167 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10600
Ion Ratio Lower Upper
248 100
250 188.0 76.9 115.3#
141 461.9 74.4 111.6#

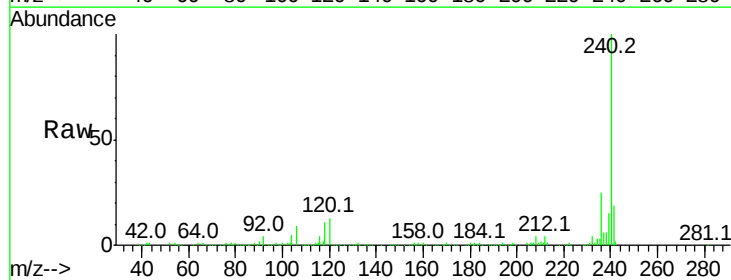


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

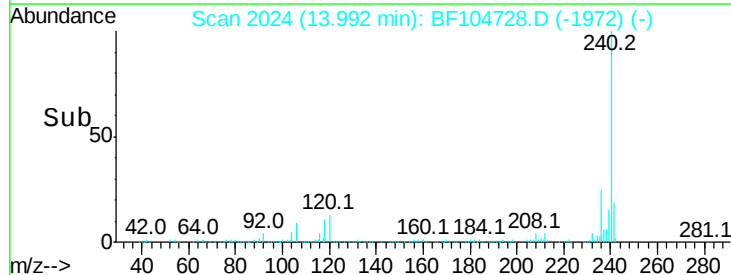
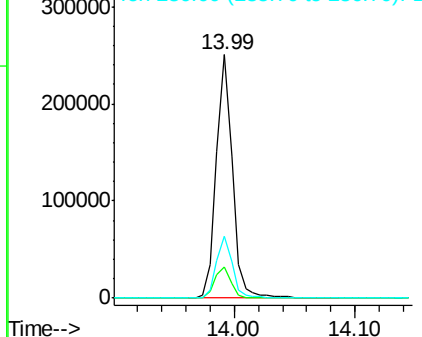


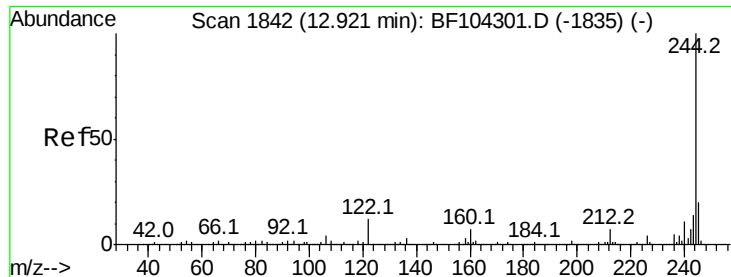
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Tgt Ion:240 Resp: 229177
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.3 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



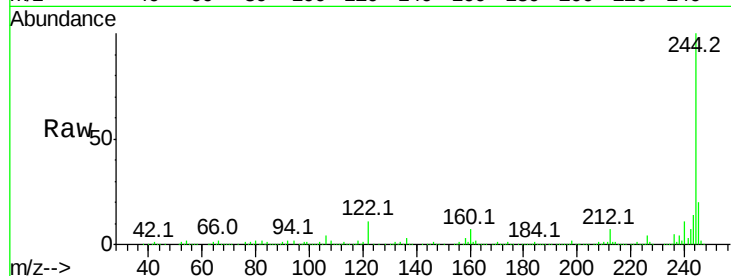


#78
 Terphenyl-d14
 Concen: 111.388 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

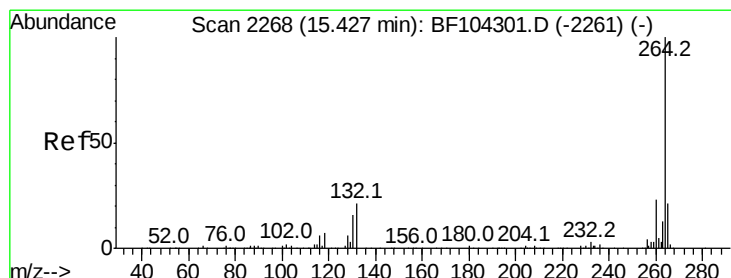
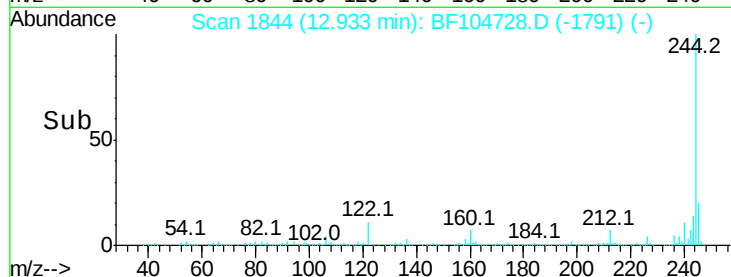
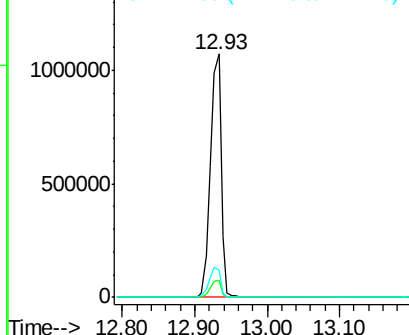
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1119713

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4



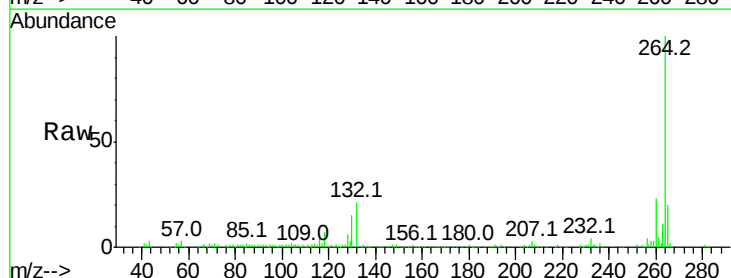
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.03 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Tgt Ion:264 Resp: 170663

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.0	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

