

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104950.D
 Acq On : 30 Apr 2018 23:01
 Operator : JU/SJ
 Sample : J2609-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:40:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

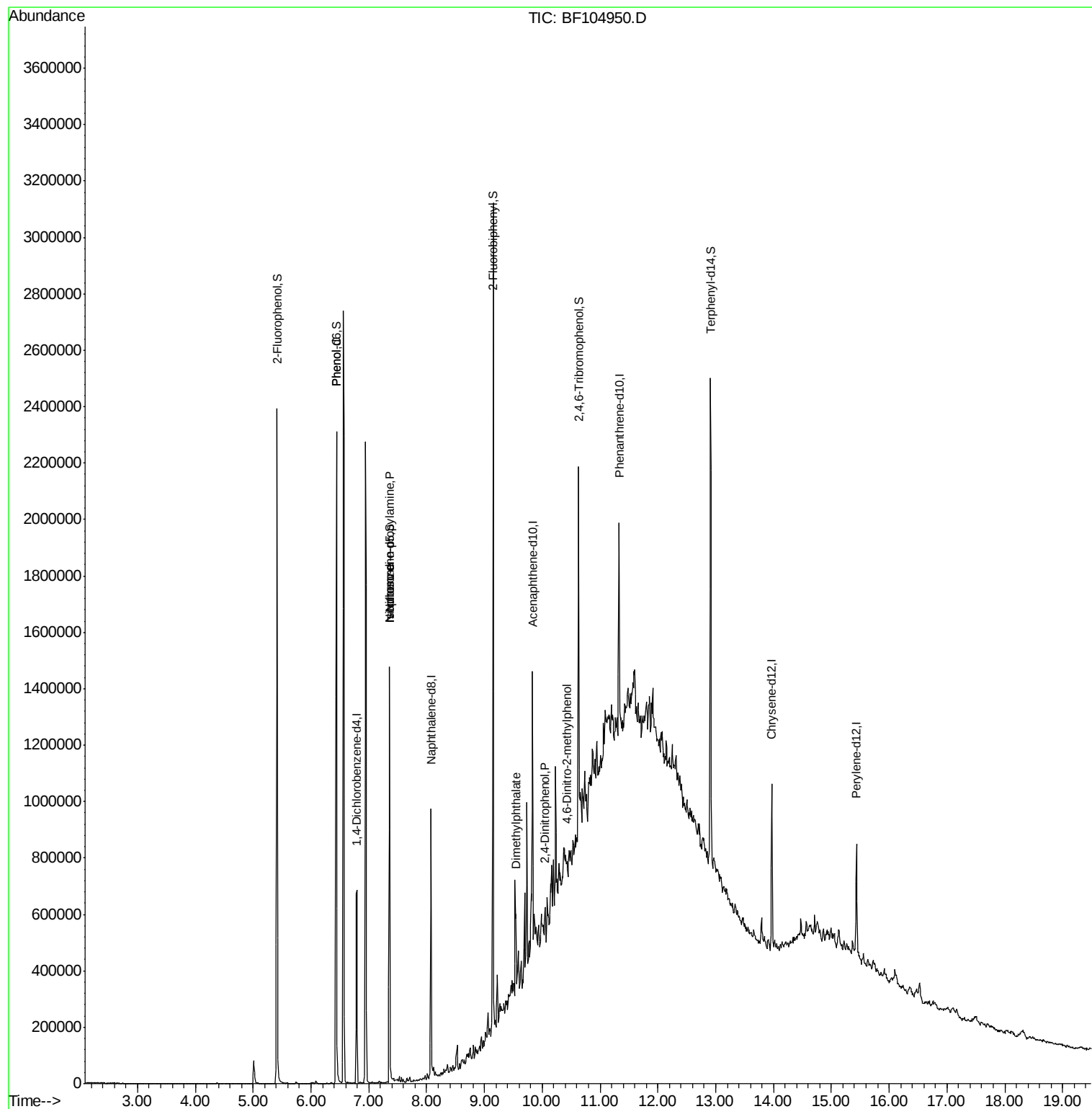
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107731	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	444435	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	179369	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	264039	20.00	ng	0.00
75) Chrysene-d12	13.97	240	204212	20.00	ng	0.00
86) Perylene-d12	15.43	264	176022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	808804	114.80	ng	0.01
7) Phenol-d6	6.44	99	957978	110.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	585651	86.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	187336	100.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	905333	79.74	ng	0.00
78) Terphenyl-d14	12.91	244	637521	71.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	1375	Below Cal		Qvalue 88
10) Phenol	6.45	94	24591	2.68 ng	#	71
19) n-Nitroso-di-n-propylamine	7.36	70	76406	13.51 ng	#	71
25) Isophorone	7.36	82	585643	40.69 ng	#	64
49) Dimethylphthalate	9.55	163	94397	6.67 ng	#	99
53) 2,4-Dinitrophenol	10.05	184	271	5.50 ng	#	72
64) 4,6-Dinitro-2-methylphenol	10.44	198	560	7.72 ng	#	1
76) Benzydine	12.69	184	481	Below Cal	#	1

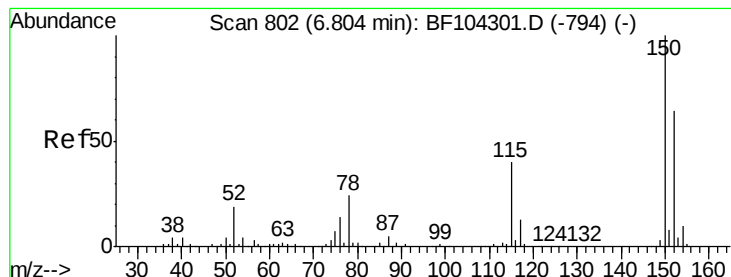
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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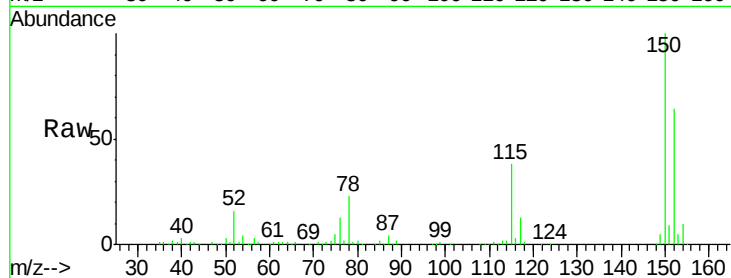




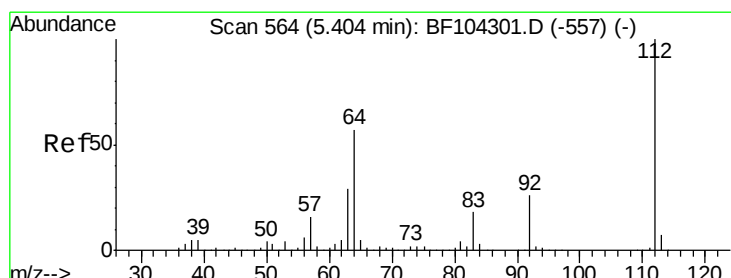
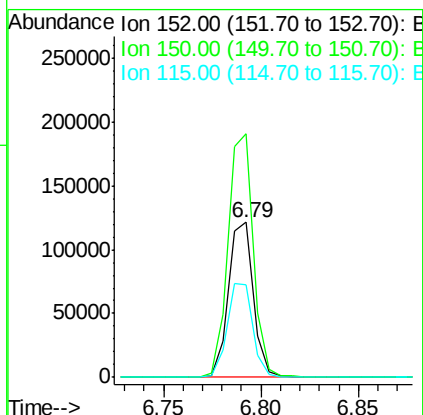
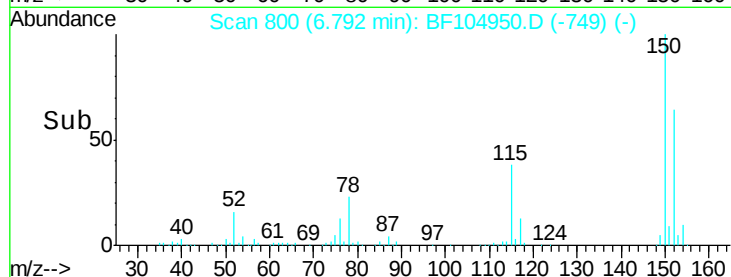
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 107731
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 60.1 50.1 75.1

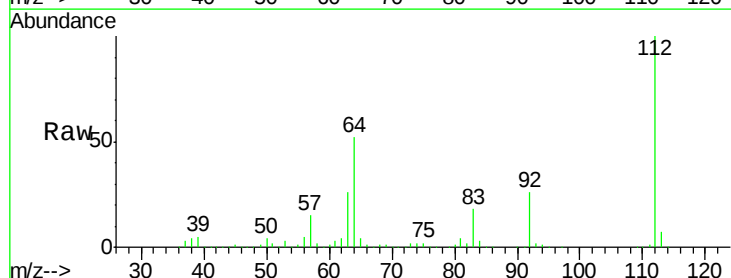


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

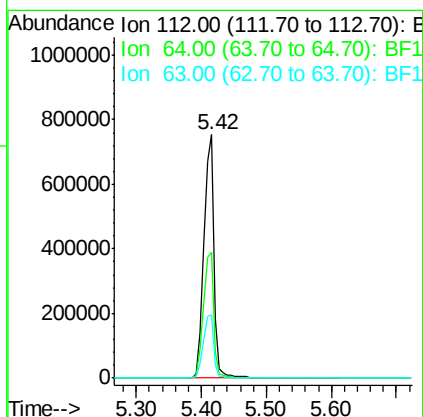
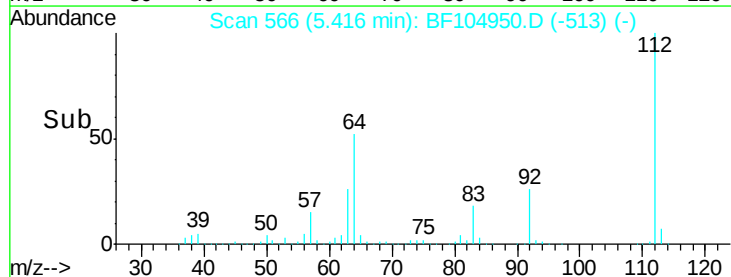


#5
 2-Fluorophenol
 Concen: 114.80 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Tgt Ion:112 Resp: 808804
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 26.2 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: 110.66 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampled :

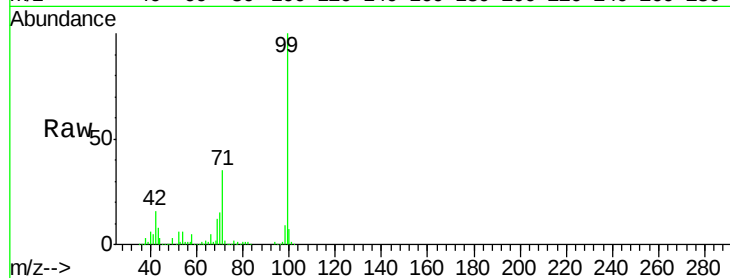
Tot Ion: 99 Resp: 957978

Ion Ratio Lower Upper

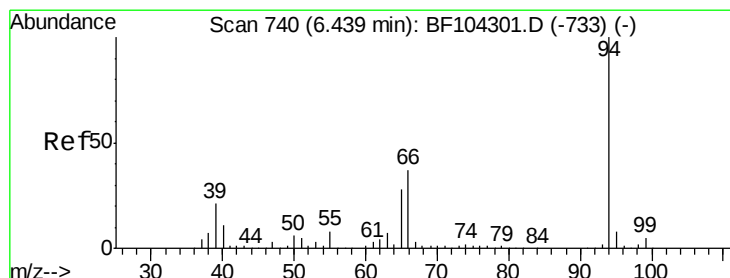
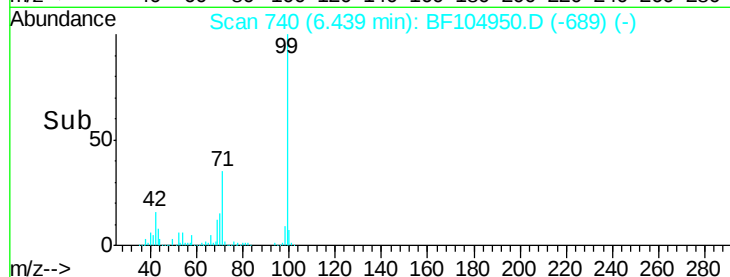
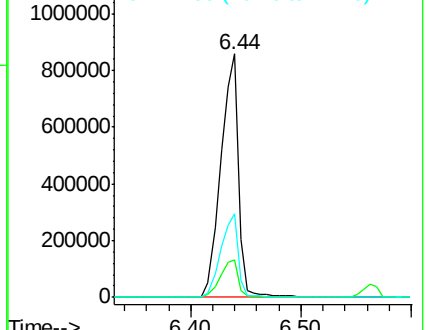
99 100

42 15.5 14.5 21.7

71 34.6 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: 2.68 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

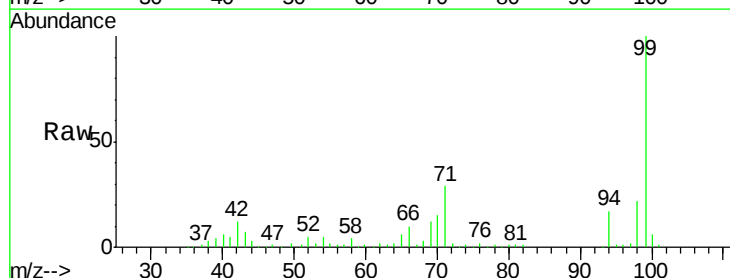
Tgt Ion: 94 Resp: 24591

Ion Ratio Lower Upper

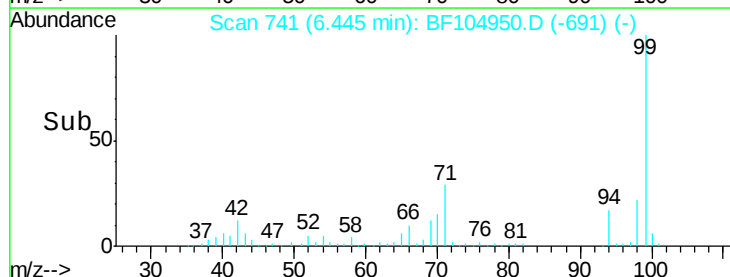
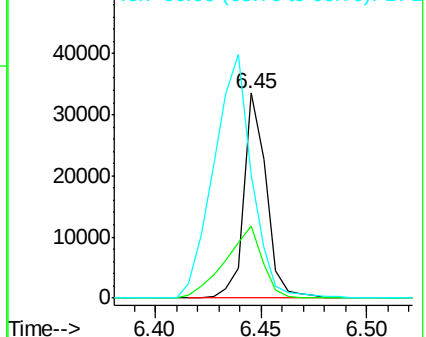
94 100

65 35.4 7.9 47.9

66 60.4 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

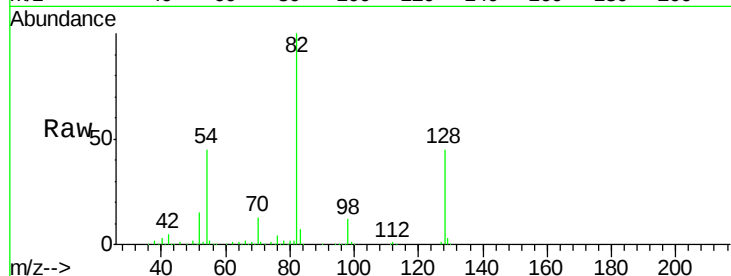




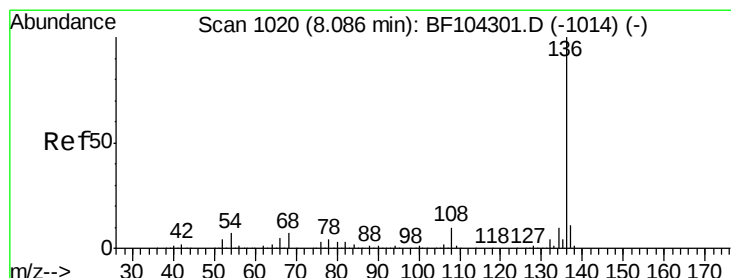
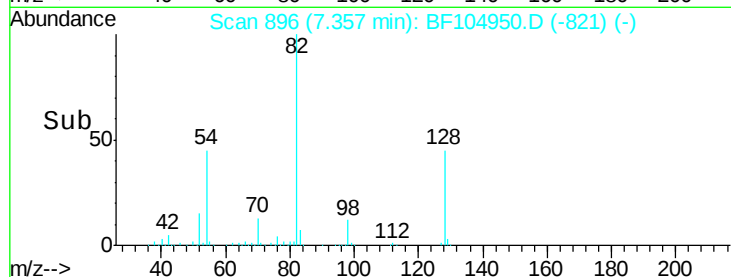
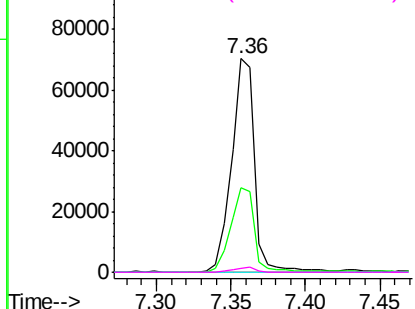
#19
n-Nitroso-di-n-propylamine
Concen: 13.51 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104950.D
Acq: 30 Apr 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 76406
Ion Ratio Lower Upper
70 100
42 39.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

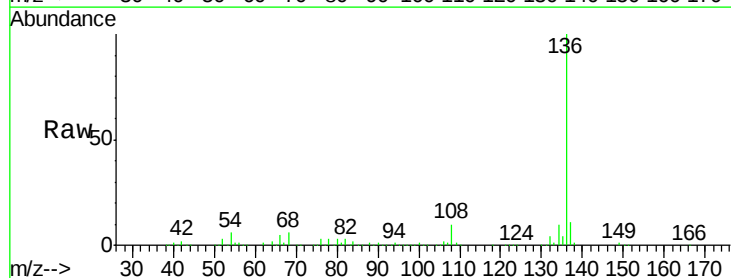


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

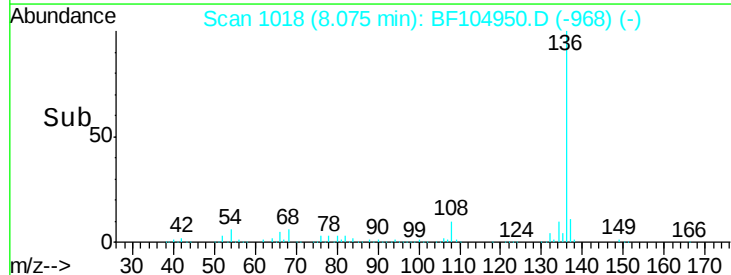
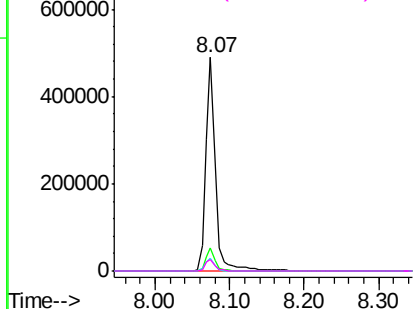


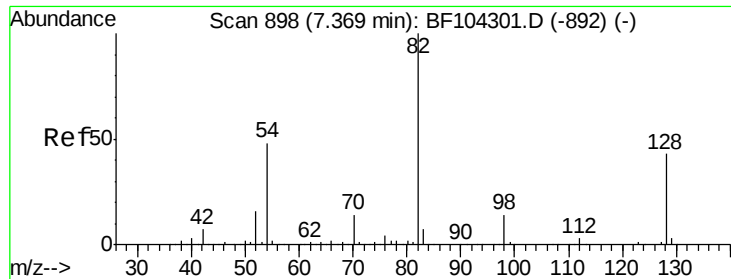
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104950.D
Acq: 30 Apr 2018 23:01

Tgt Ion: 136 Resp: 444435
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.0 6.6 9.8#
68 5.5 5.0 7.4



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

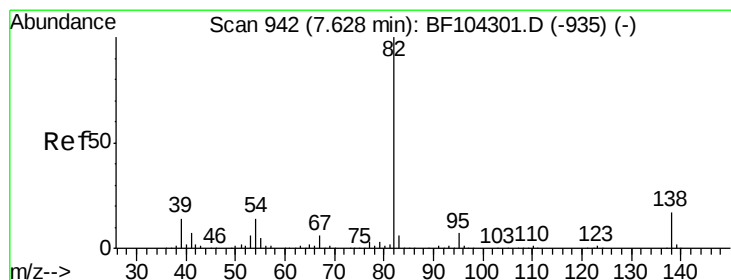
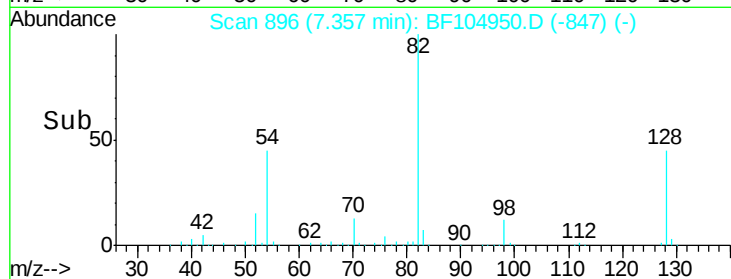
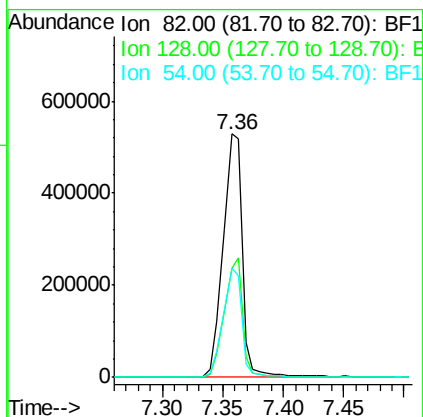
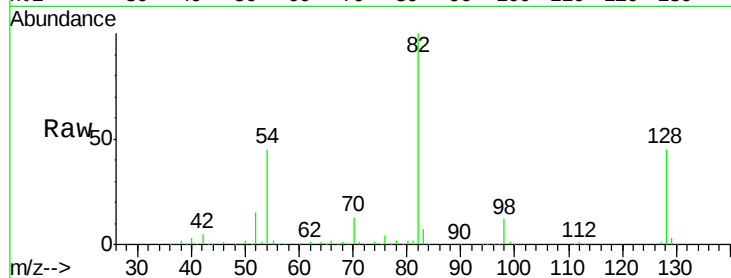




#23
 Nitrobenzene-d5
 Concen: 86.05 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

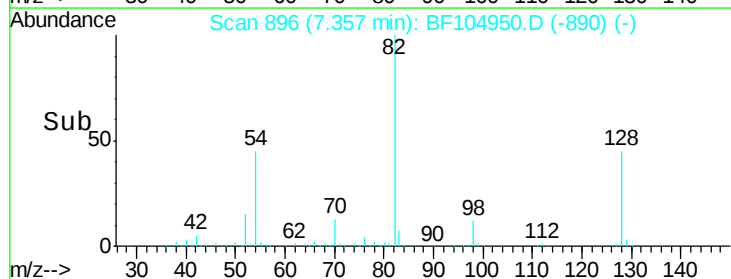
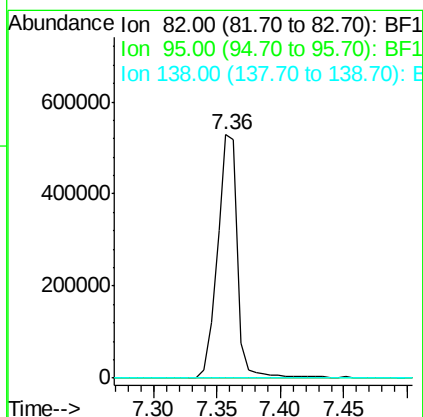
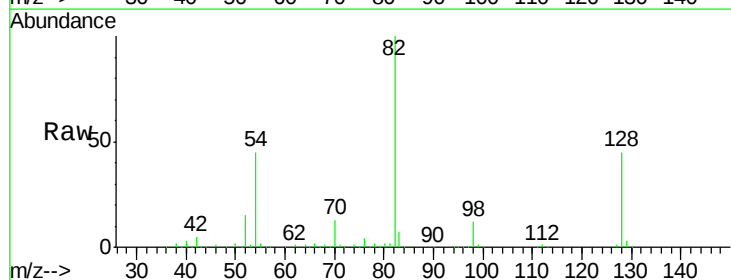
Instrument :
 BNA_F
 ClientSampleId :

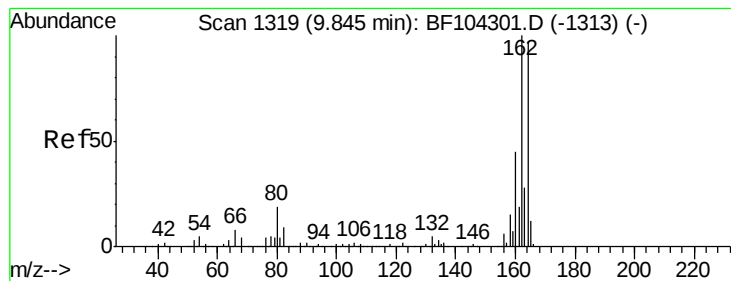
Tot Ion: 82 Resp: 585651
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 45.0 41.4 62.2



#25
 Isophorone
 Concen: 40.69 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Tgt Ion: 82 Resp: 585643
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

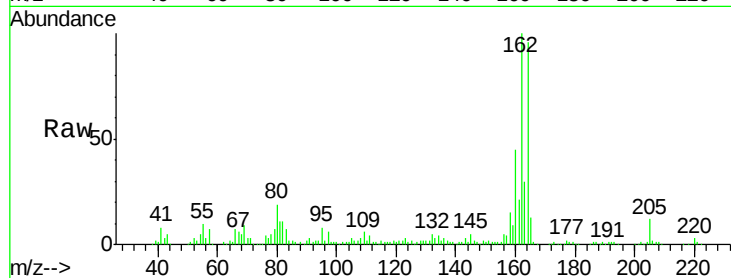
Tot Ion:164 Resp: 179369

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

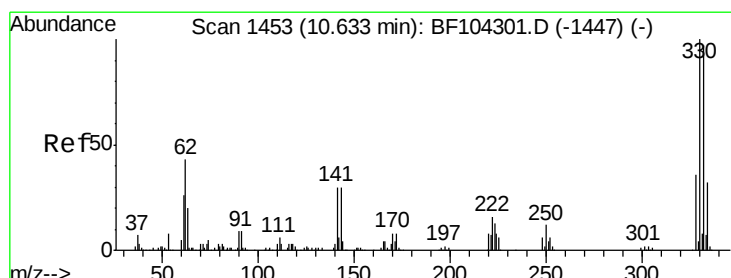
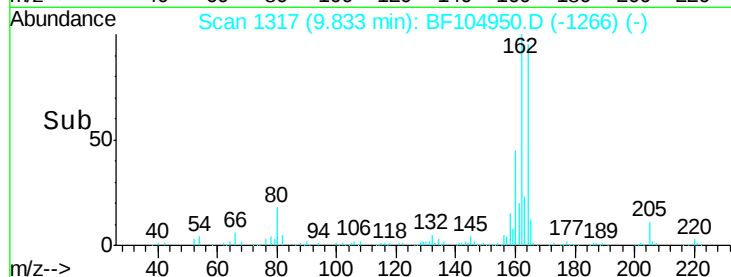
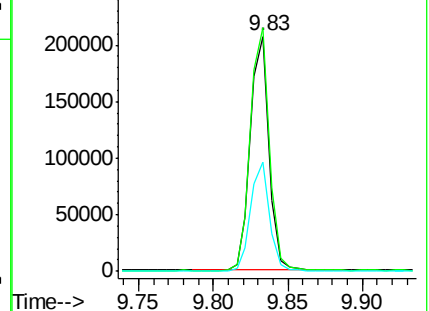
160 46.7 38.3 57.5



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: 100.68 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

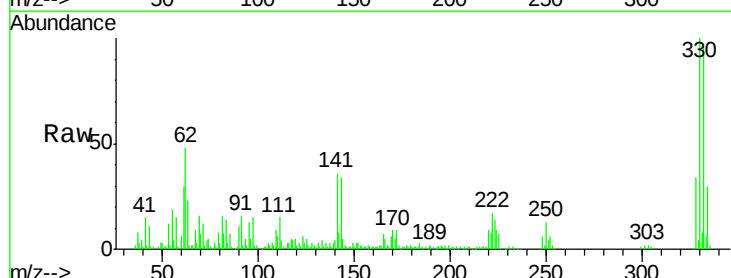
Tgt Ion:330 Resp: 187336

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

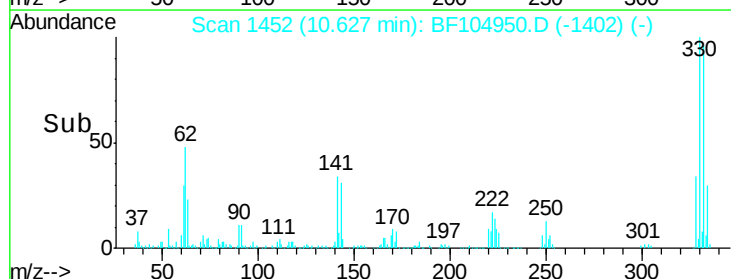
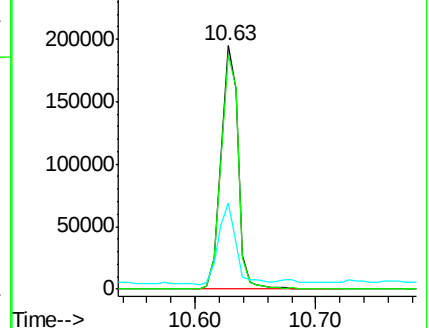
141 34.0 29.9 44.9

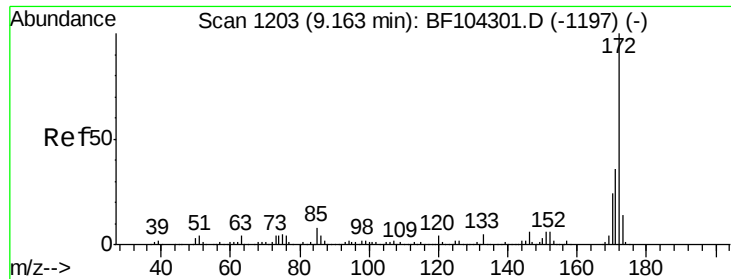


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

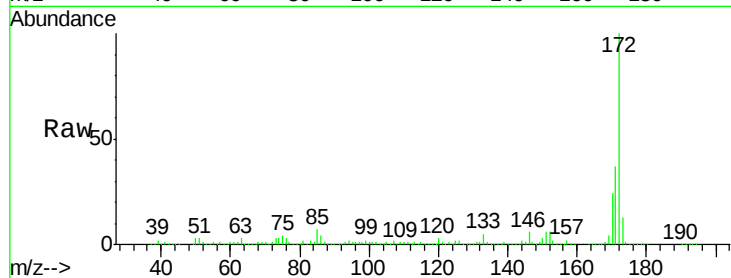




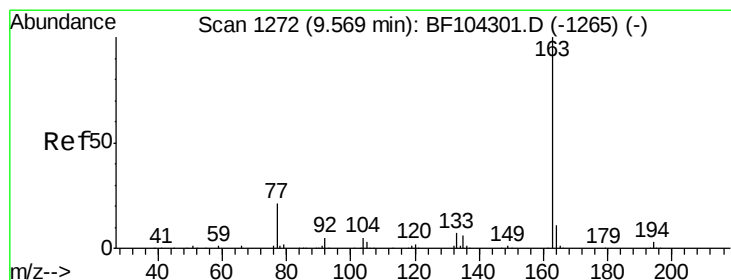
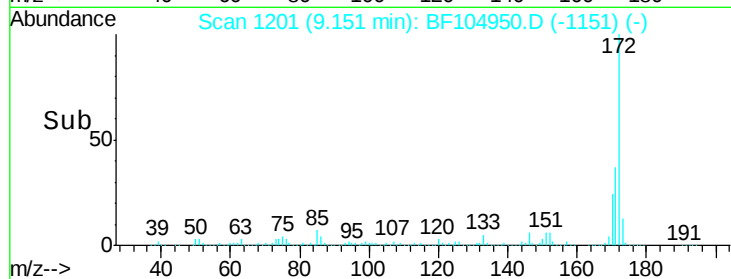
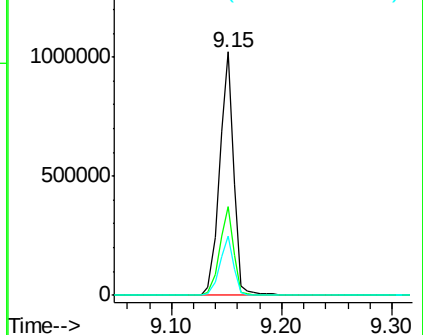
#44
2-Fluorobiphenyl
Concen: 79.74 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104950.D
Acq: 30 Apr 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 905333
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.4 19.6 29.4

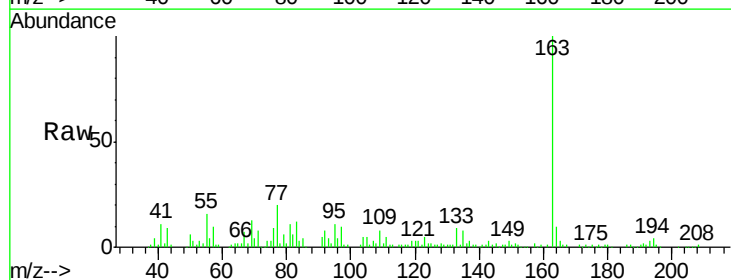


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

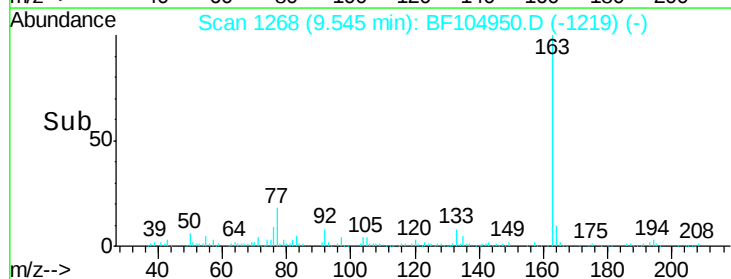
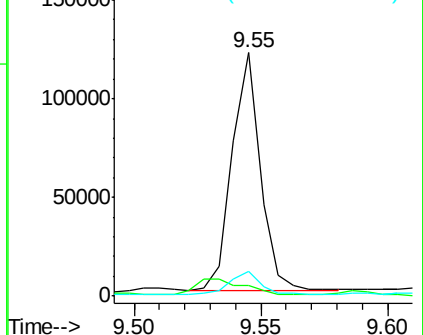


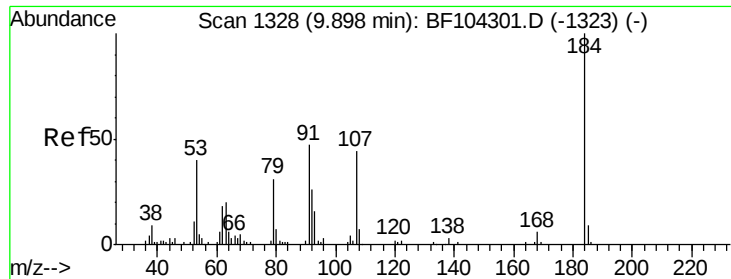
#49
Dimethylphthalate
Concen: 6.67 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104950.D
Acq: 30 Apr 2018 23:01

Tgt Ion:163 Resp: 94397
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.3 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

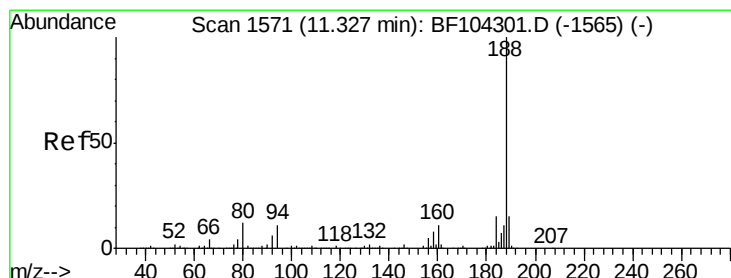
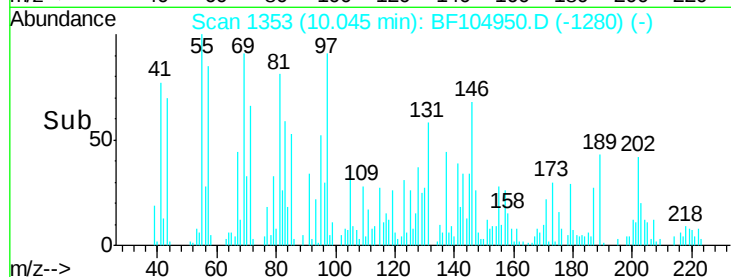
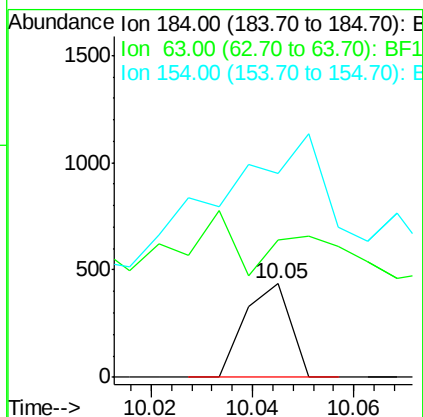
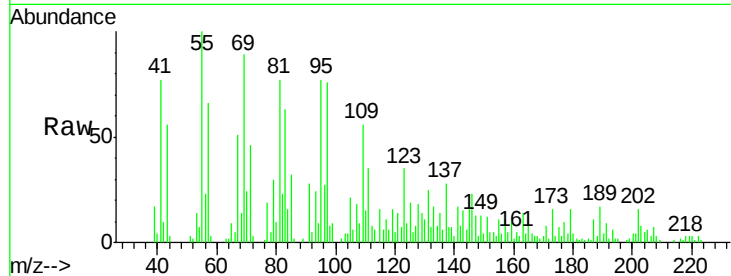




#53
 2,4-Dinitrophenol
 Concen: 5.50 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.13 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

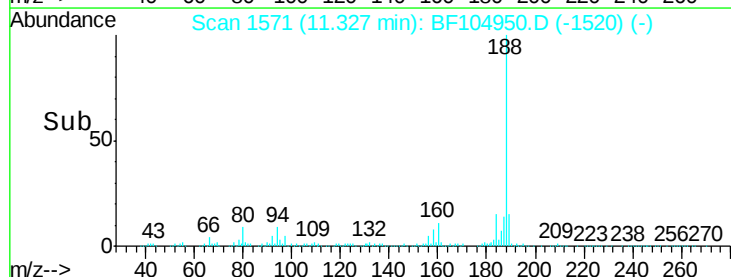
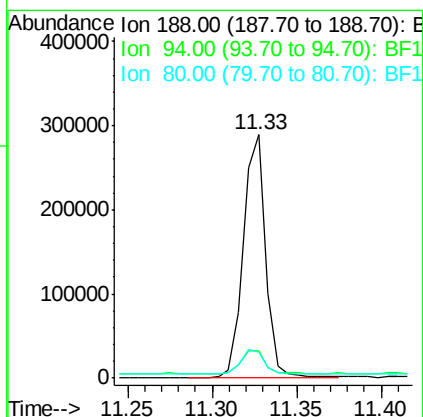
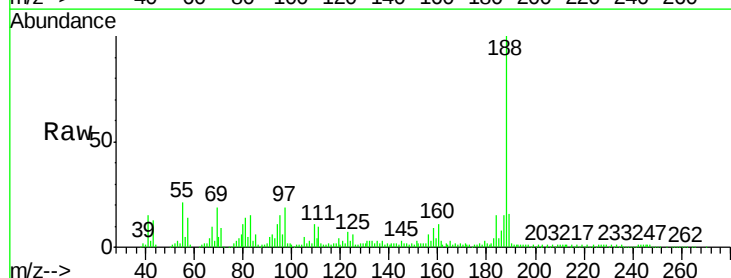
Instrument :
 BNA_F
 ClientSampled :

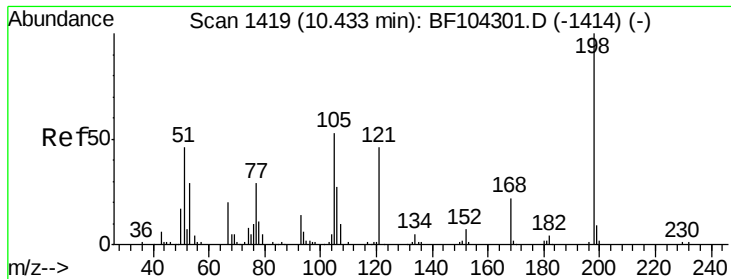
Tot Ion:184 Resp: 271
 Ion Ratio Lower Upper
 184 100
 63 147.2 54.2 81.2#
 154 218.6 184.0 276.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104950.D
 Acq: 30 Apr 2018 23:01

Tgt Ion:188 Resp: 264039
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 10.7 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.72 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

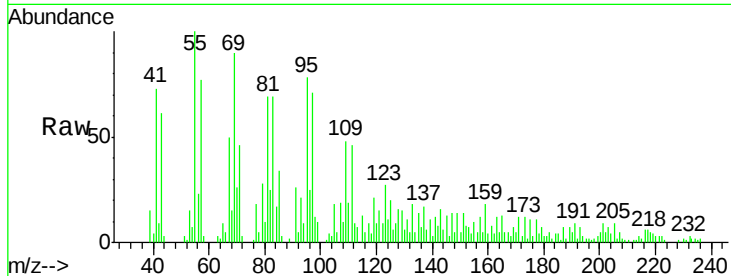
Tot Ion:198 Resp: 560

Ion Ratio Lower Upper

198 100

51 172.2 37.7 77.7#

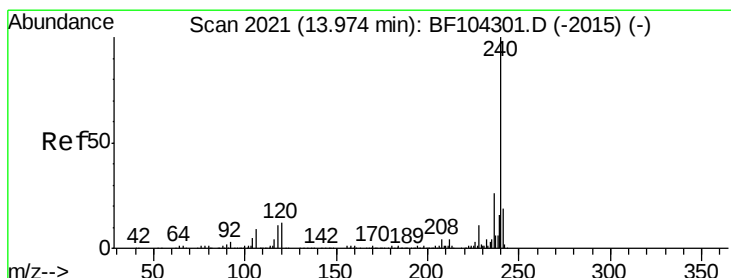
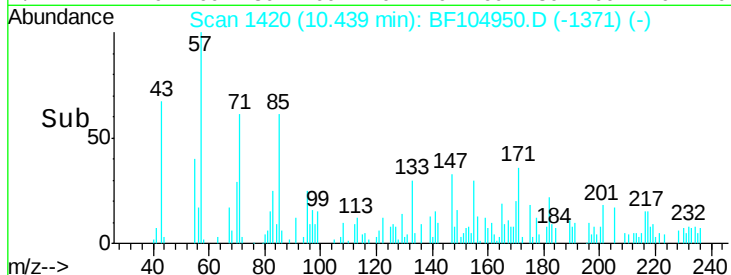
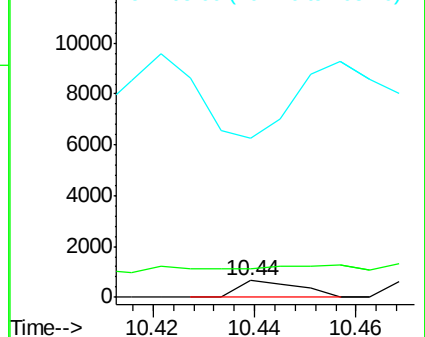
105 947.5 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

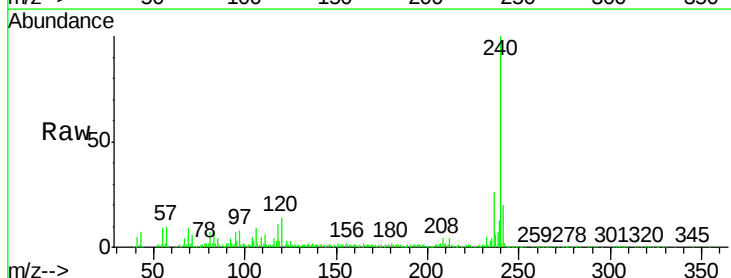
Tgt Ion:240 Resp: 204212

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

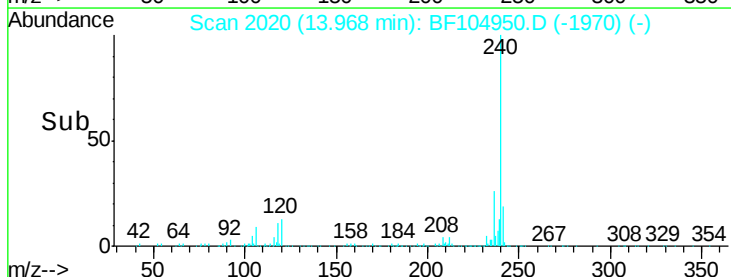
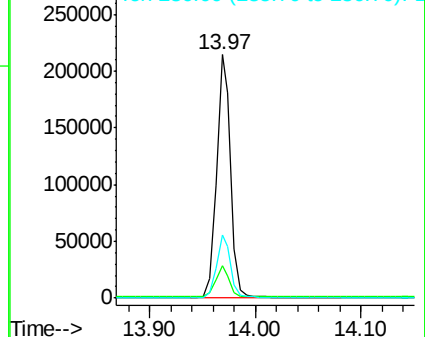
236 26.0 20.7 31.1

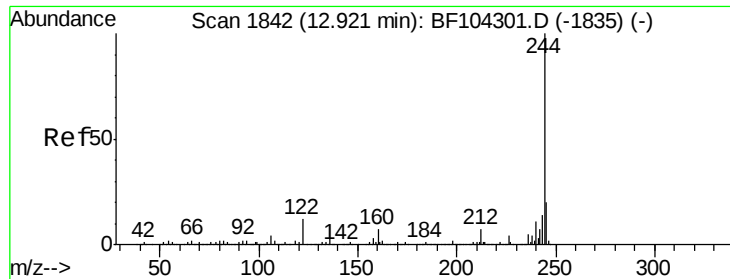


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.17 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

Instrument :

BNA_F

ClientSampleId :

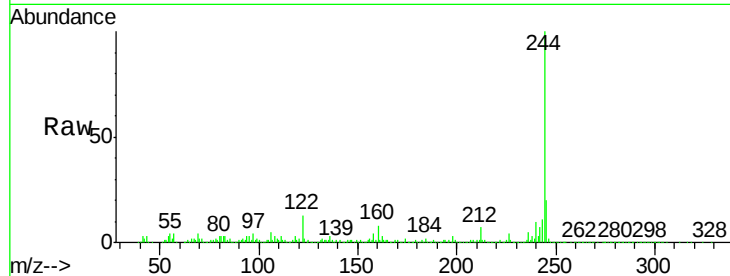
Tot Ion:244 Resp: 637521

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

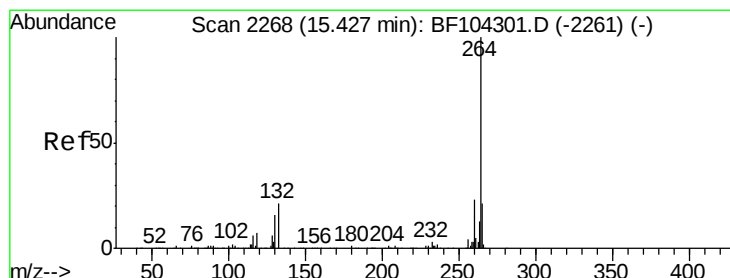
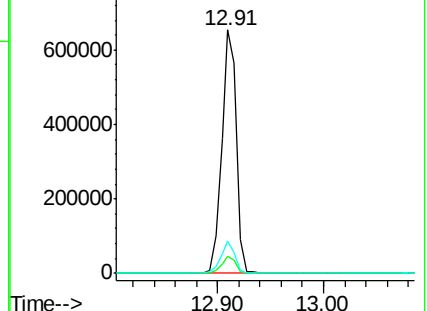
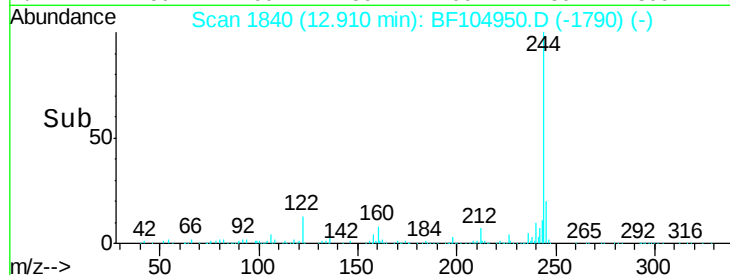
122 13.4 11.0 16.4



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: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104950.D

Acq: 30 Apr 2018 23:01

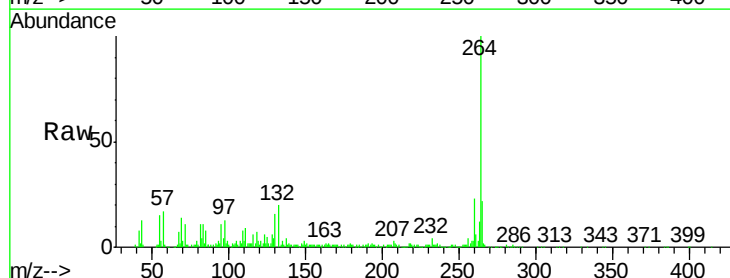
Tgt Ion:264 Resp: 176022

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.4 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

