

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104328.D
 Acq On : 7 Apr 2018 1:28
 Operator : JU/SJ
 Sample : J2248-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11944

Quant Time: Apr 07 02:30:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

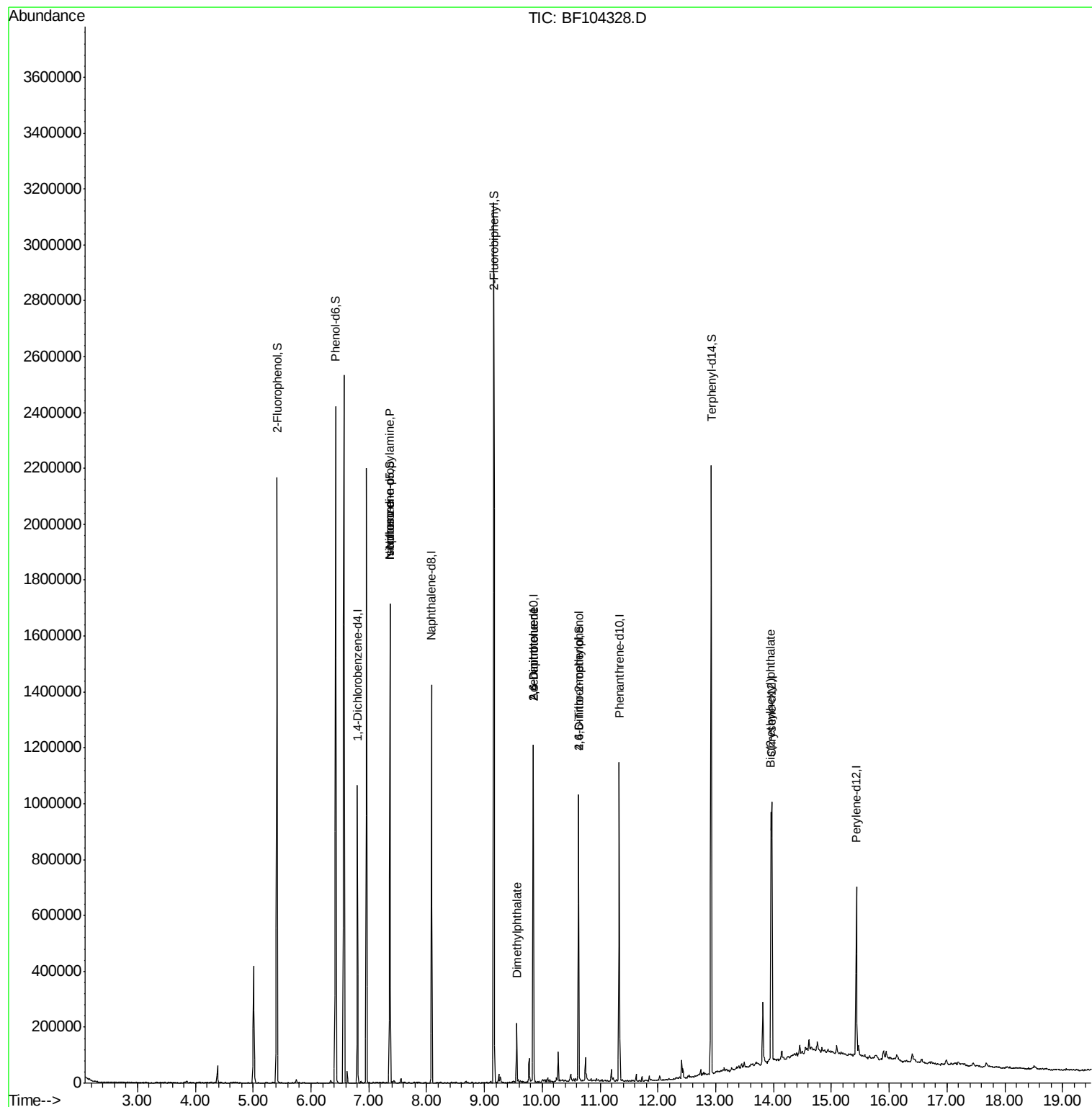
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141216	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558703	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247624	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	385386	20.00	ng	0.00
75) Chrysene-d12	13.97	240	284649	20.00	ng	0.00
86) Perylene-d12	15.43	264	260247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	607532	65.78	ng	0.00
7) Phenol-d6	6.43	99	913353	80.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	553359	64.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	109808	42.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	937577	59.81	ng	0.00
78) Terphenyl-d14	12.92	244	674265	54.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1412	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	71977	9.707 ng	#	74
25) Isophorone	7.37	82	553157	30.573 ng	#	64
49) Dimethylphthalate	9.56	163	68881	3.527 ng		100
50) 2,6-Dinitrotoluene	9.84	165	31521	8.724 ng	#	25
56) 2,4-Dinitrotoluene	9.84	165	31521	6.651 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	140	7.410 ng	#	1
76) Benzidine	12.92	184	8806	Below Cal		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	218228	17.068 ng		99

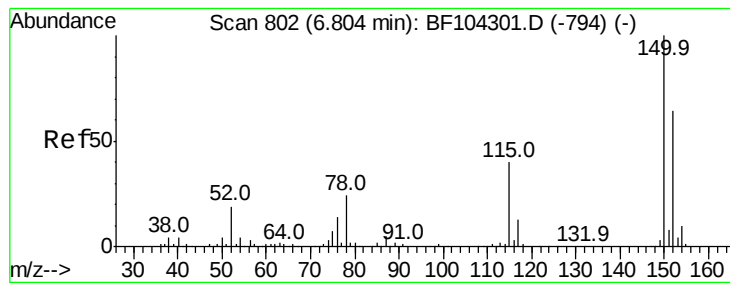
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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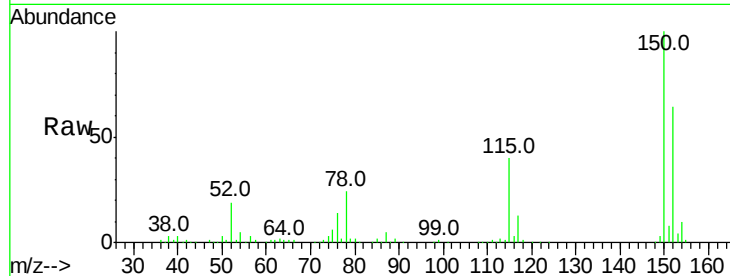


#1

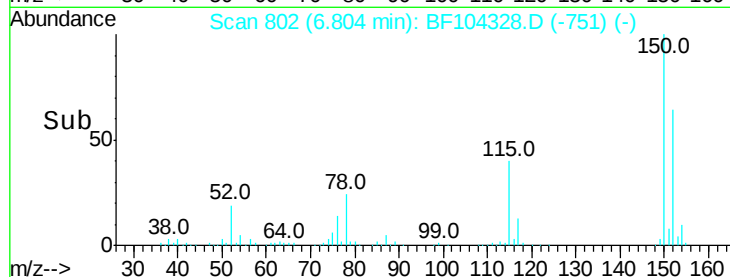
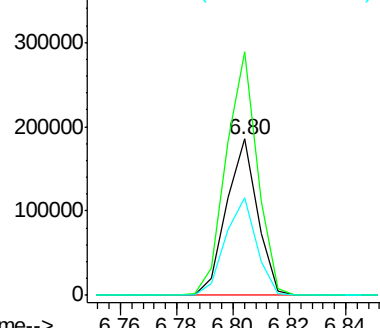
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :
11944

Tot Ion:152 Resp: 141216
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.2 50.1 75.1



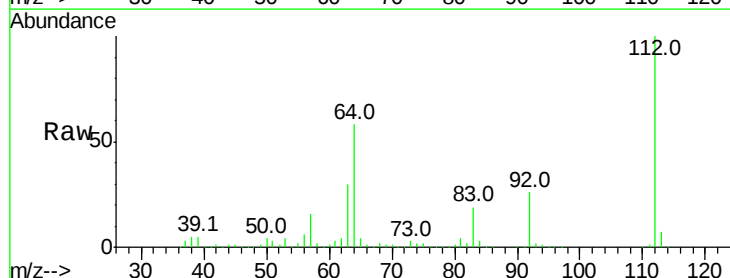
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



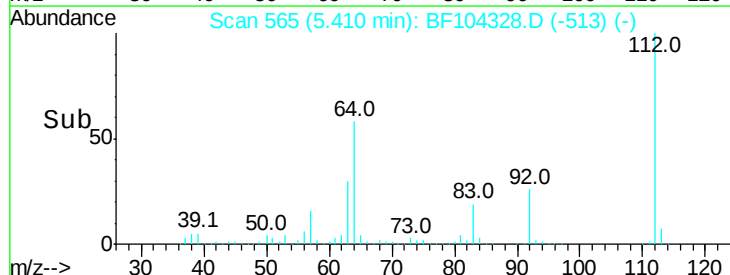
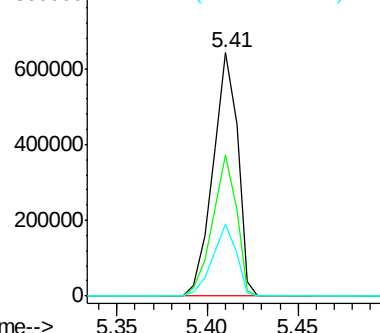
#5

2-Fluorophenol
Concen: 65.782 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:112 Resp: 607532
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.5 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: 80.490 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

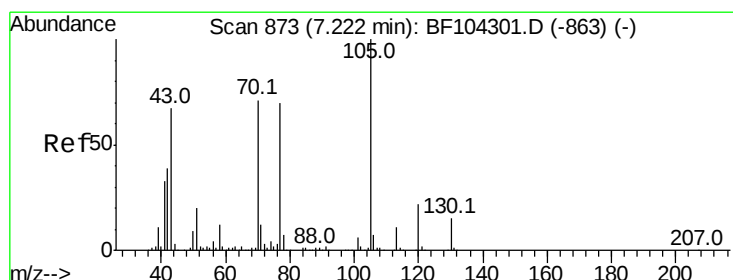
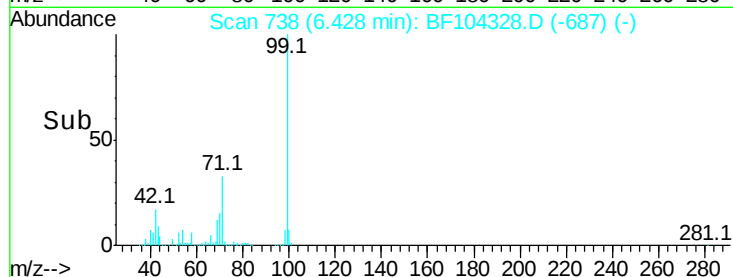
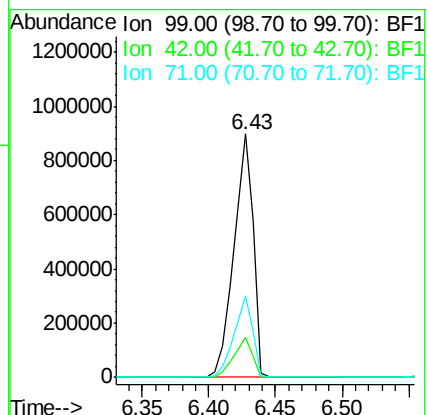
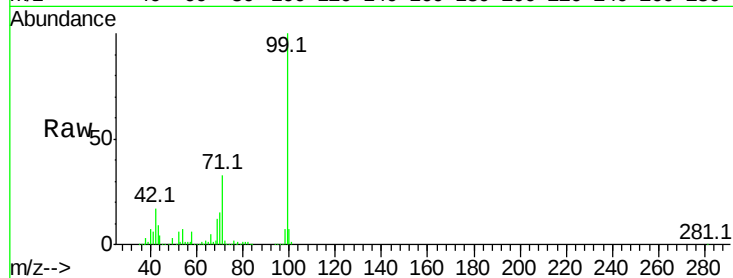
Tot Ion: 99 Resp: 91353

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.707 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Tgt Ion: 70 Resp: 71977

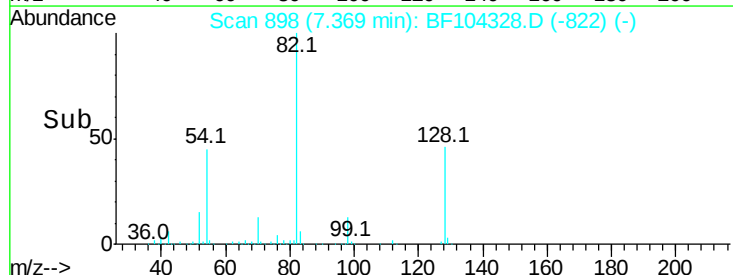
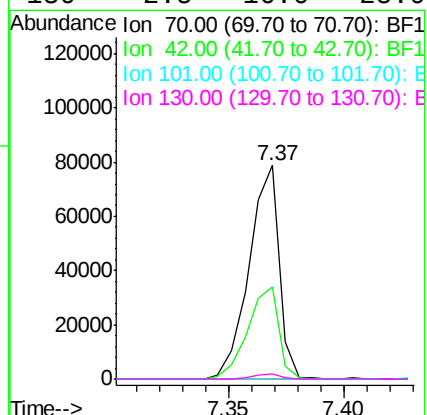
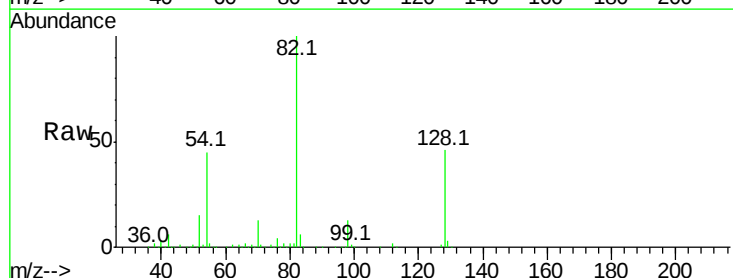
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

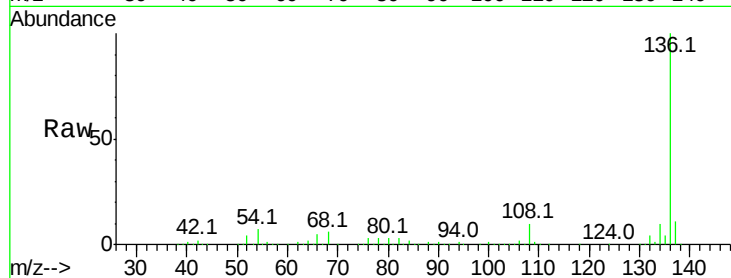




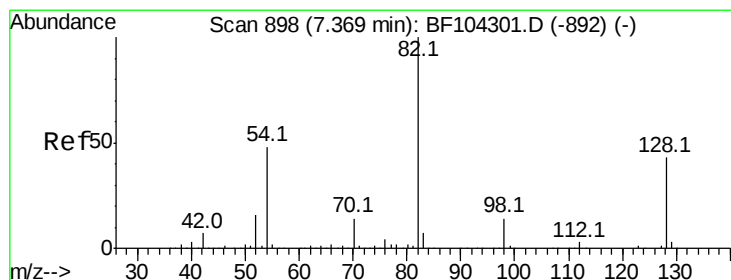
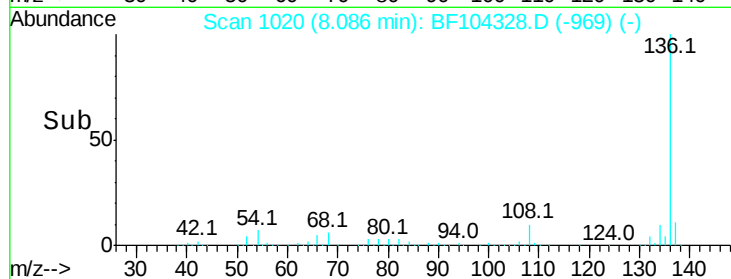
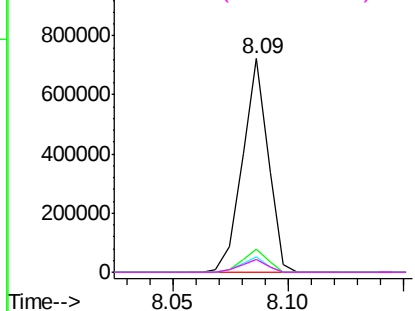
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Instrument :
BNA_F
ClientSampleId :
11944

Tot Ion:	136	Resp:	558703
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

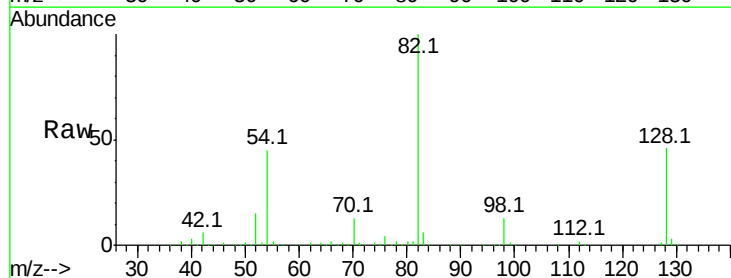


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

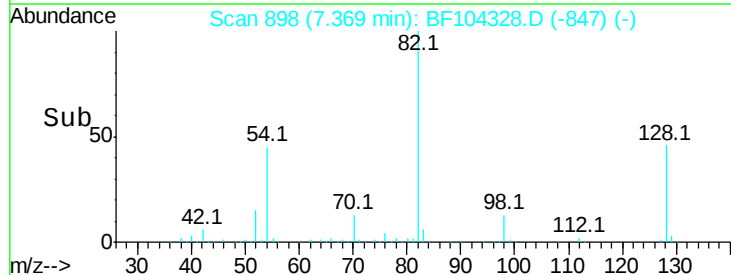
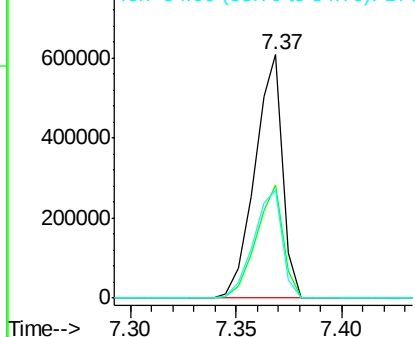


#23
Nitrobenzene-d5
Concen: 64.673 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:	82	Resp:	553359
Ion	Ratio	Lower	Upper
82	100		
128	46.3	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: 30.573 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

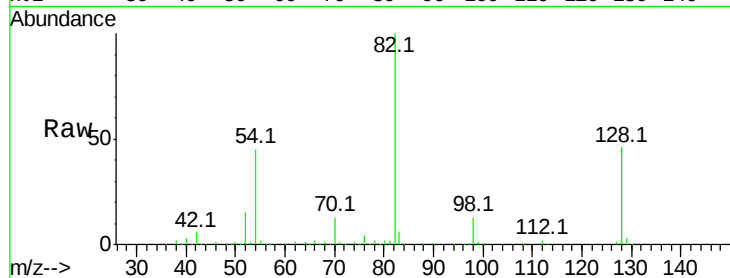
Tot Ion: 82 Resp: 553157

Ion Ratio Lower Upper

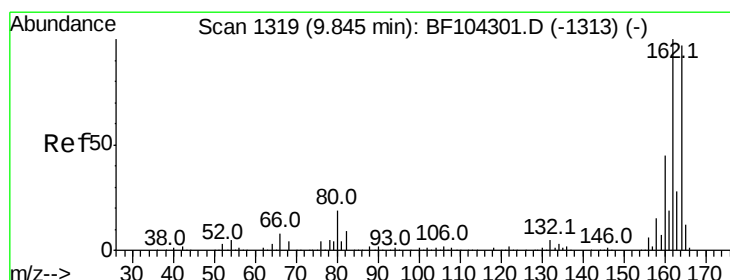
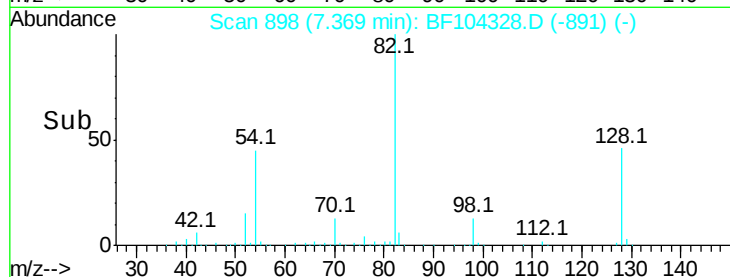
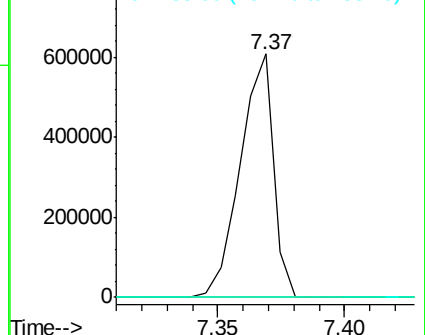
82 100

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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

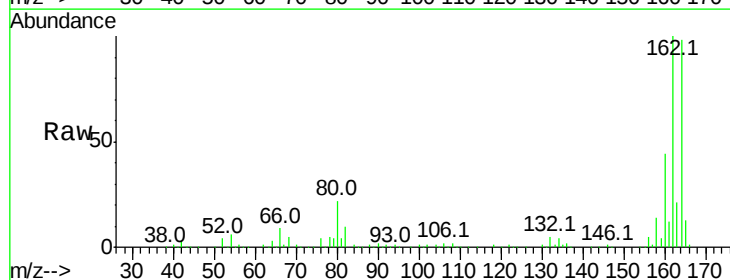
Tgt Ion:164 Resp: 247624

Ion Ratio Lower Upper

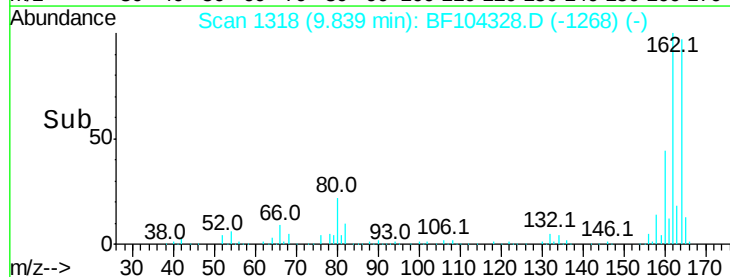
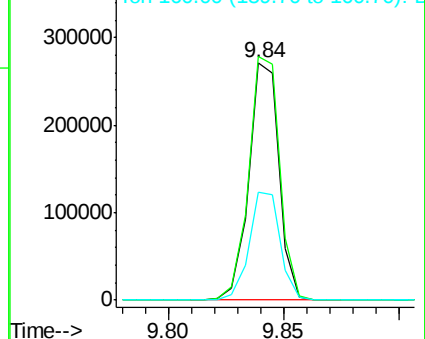
164 100

162 102.4 86.1 129.1

160 45.3 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

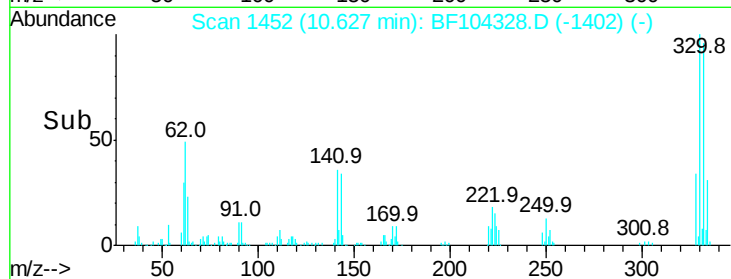
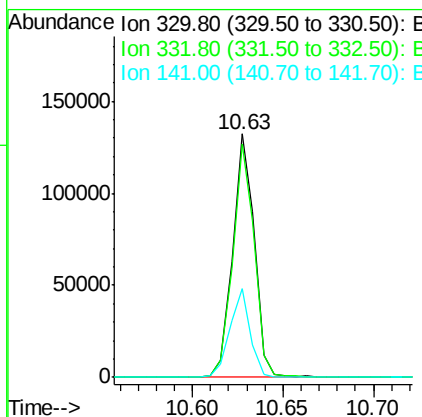
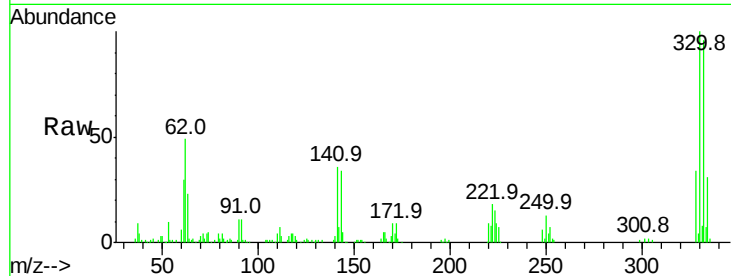




#41
 2,4,6-Tribromophenol
 Concen: 42.749 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

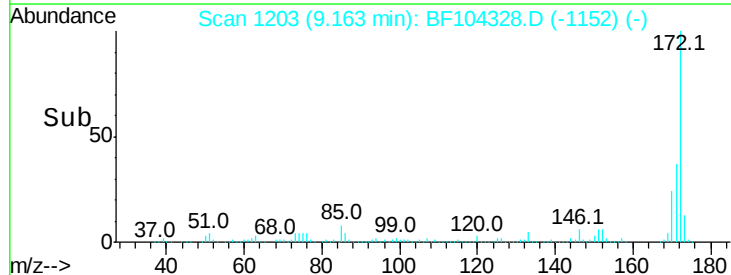
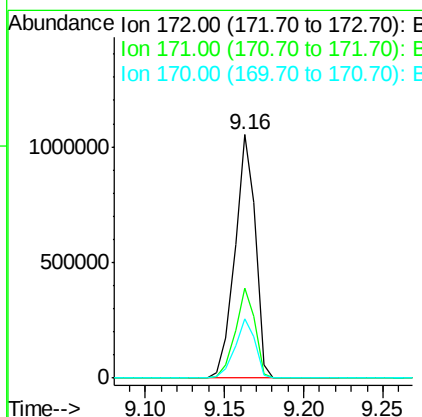
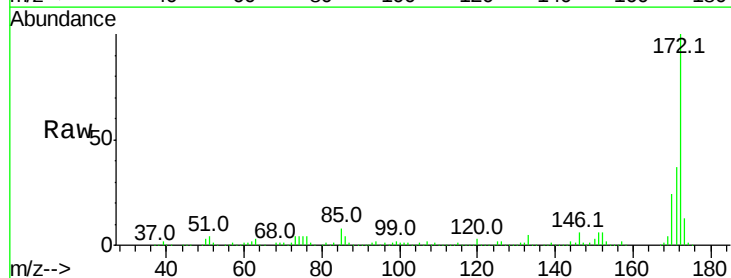
Instrument :
 BNA_F
 ClientSampleId :
 11944

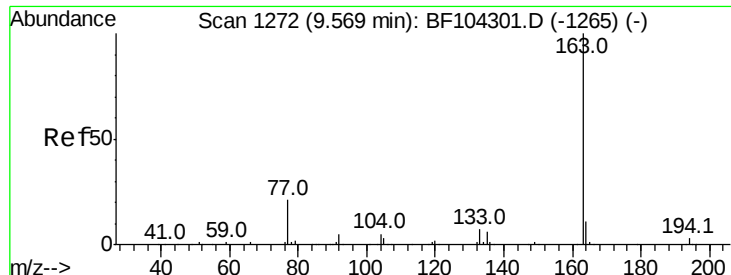
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 59.814 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

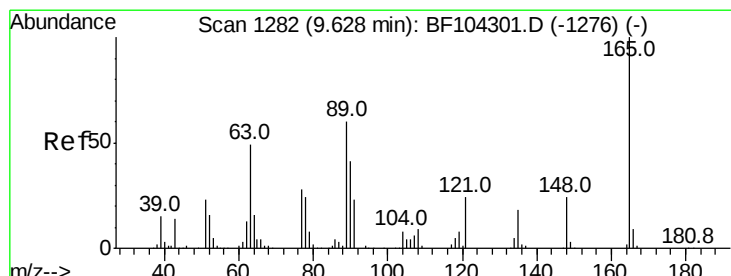
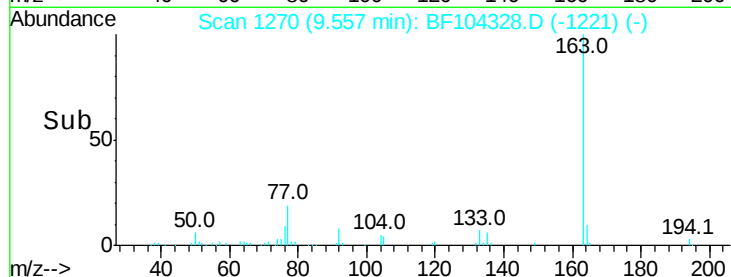
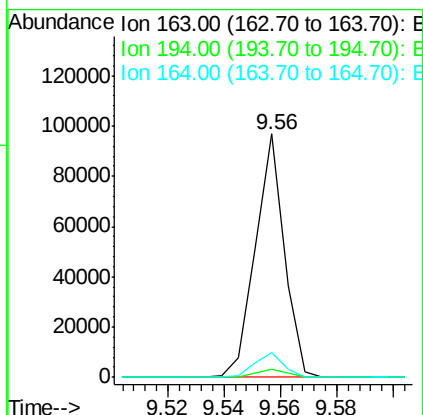
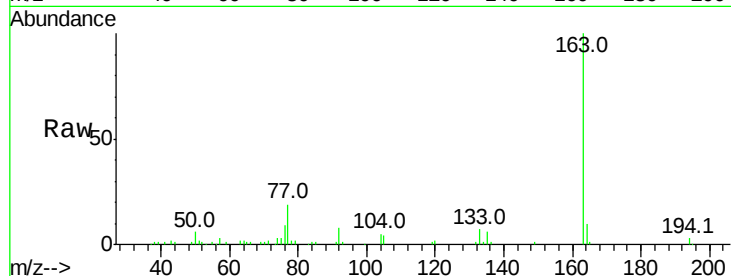




#49
Dimethylphthalate
Concen: 3.527 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

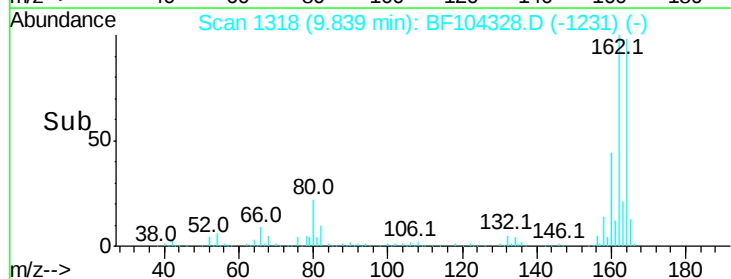
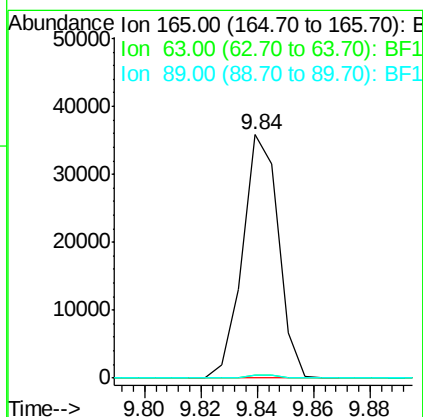
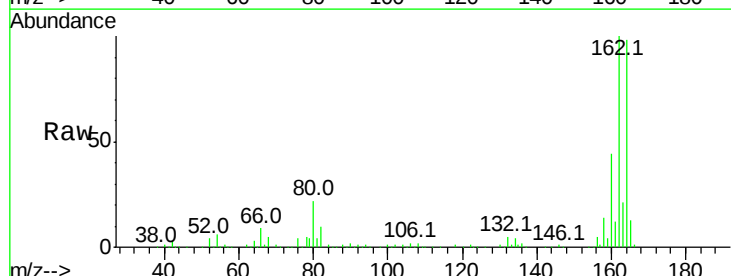
Instrument :
BNA_F
ClientSampleId :
11944

Tot Ion:163 Resp: 68881
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104328.D
Acq: 7 Apr 2018 1:28

Tgt Ion:165 Resp: 31521
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.3 44.0 66.0#

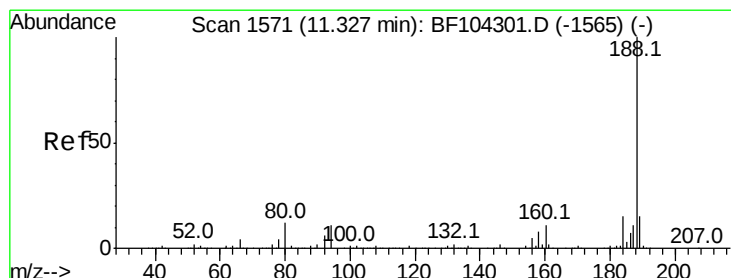
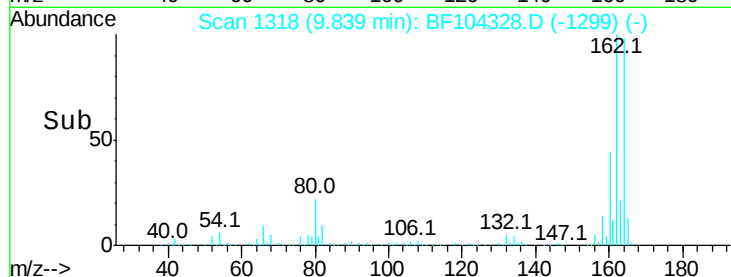
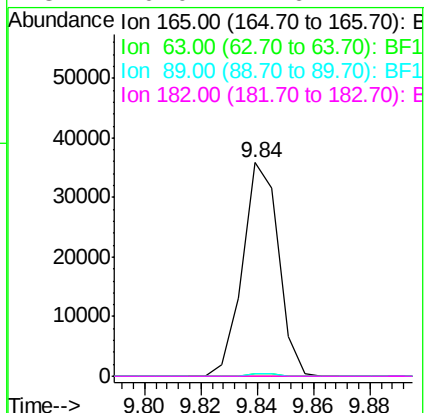
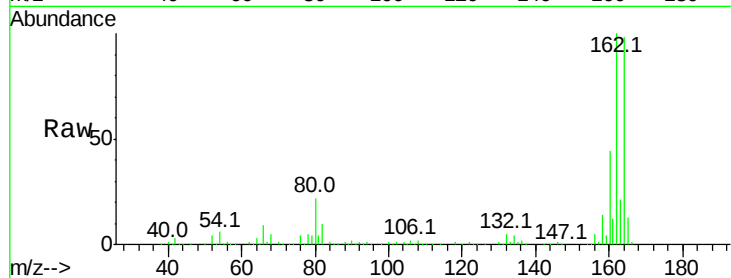




#56
 2,4-Dinitrotoluene
 Concen: 6.651 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

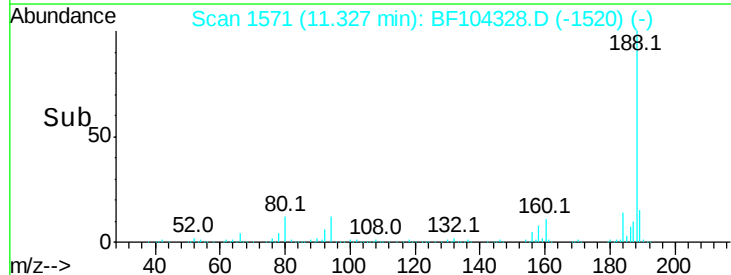
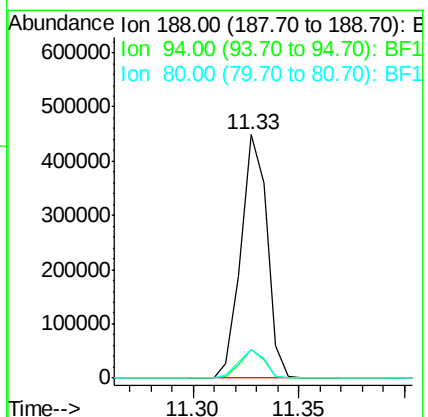
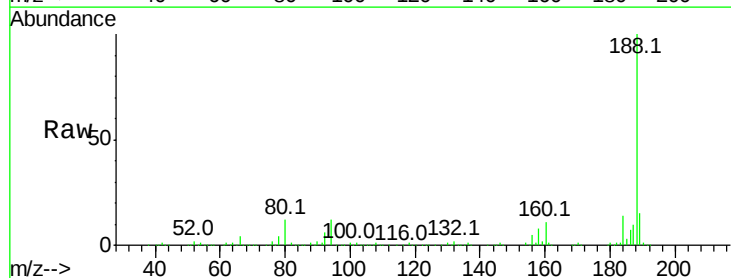
Instrument :
 BNA_F
 ClientSampled :
 11944

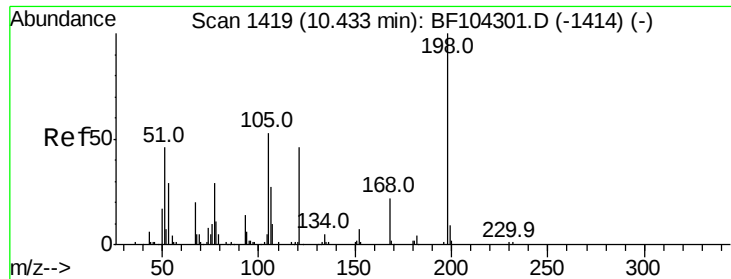
Tot Ion:165 Resp: 31521
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Tgt Ion:188 Resp: 385386
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 11.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.410 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

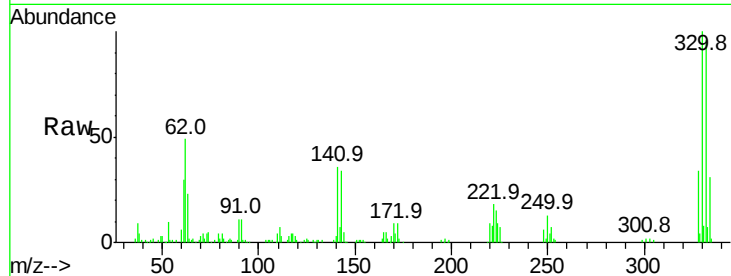
Tot Ion:198 Resp: 140

Ion Ratio Lower Upper

198 100

51 135.5 37.7 77.7#

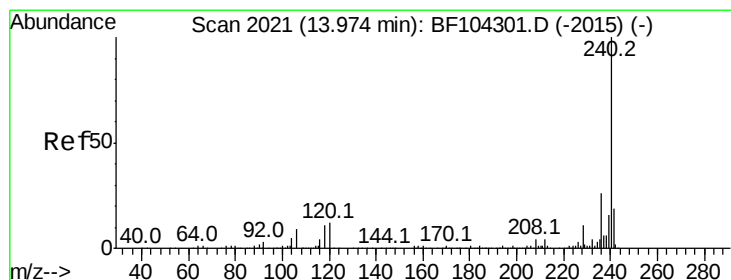
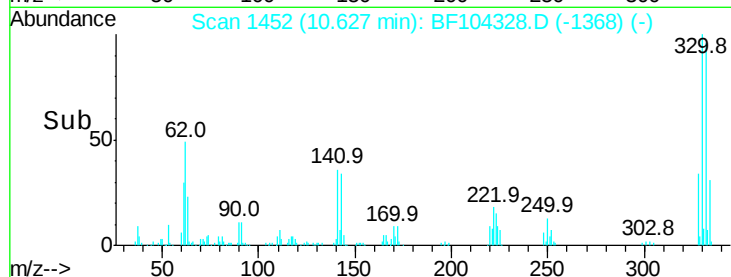
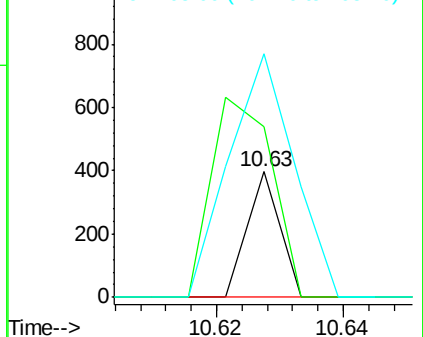
105 193.7 36.3 76.3#



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: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

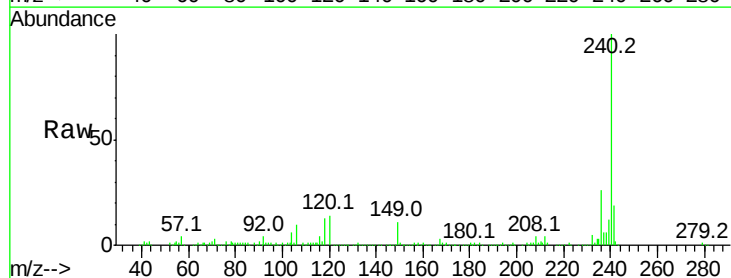
Tgt Ion:240 Resp: 284649

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

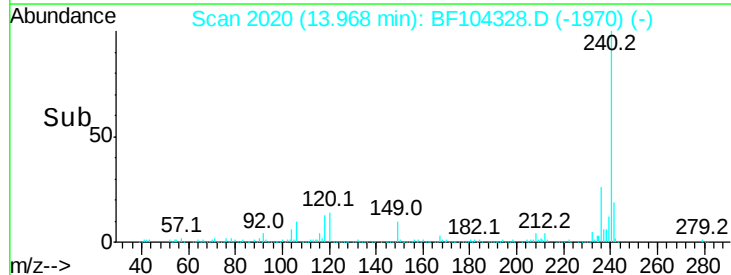
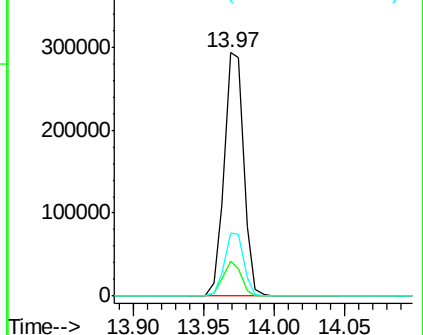
236 26.2 20.7 31.1



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



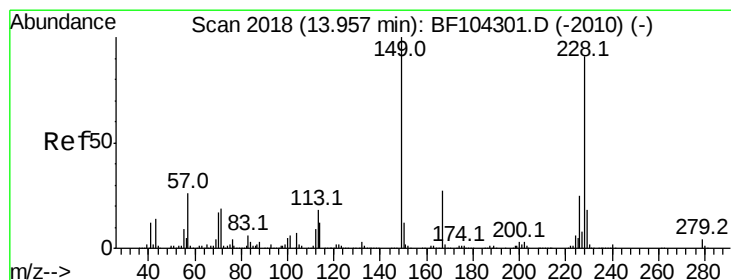
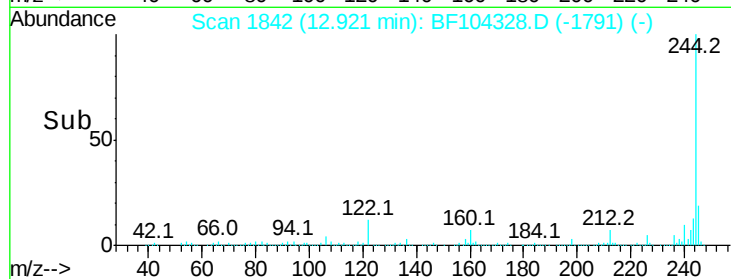
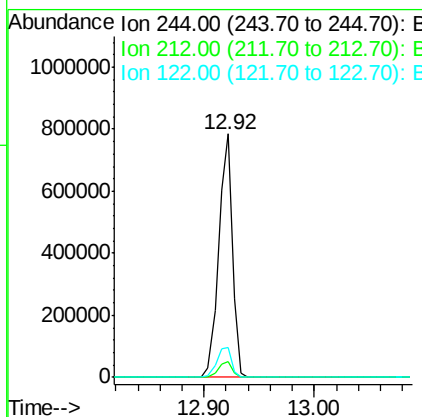
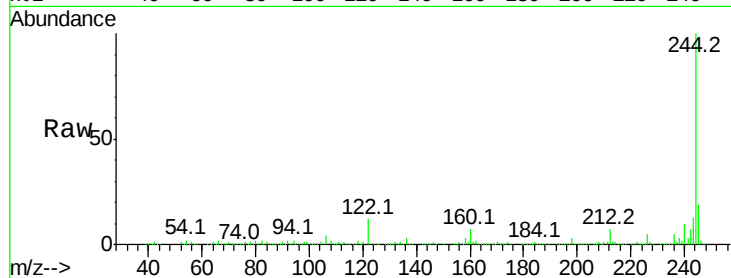


#78
 Terphenyl-d14
 Concen: 54.004 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Instrument :
 BNA_F
 ClientSampleId :
 11944

Tot Ion:244 Resp: 674265

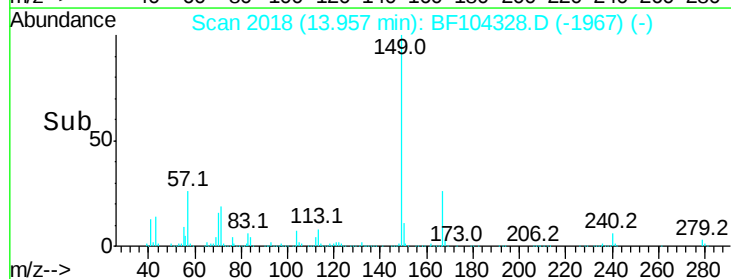
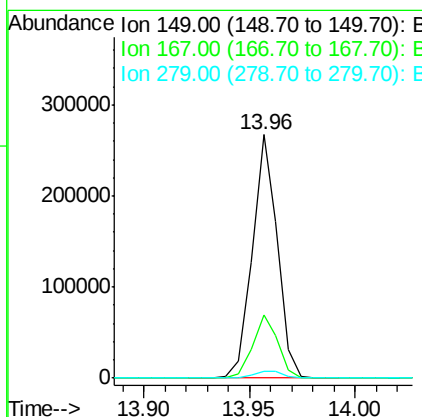
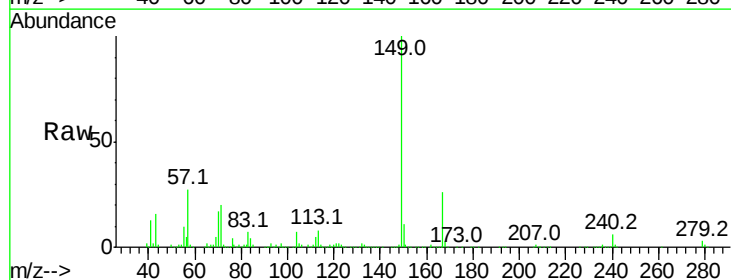
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4

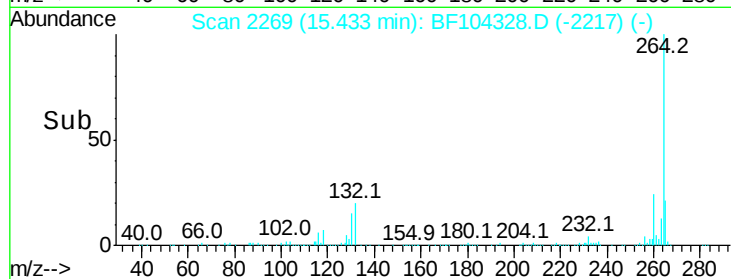
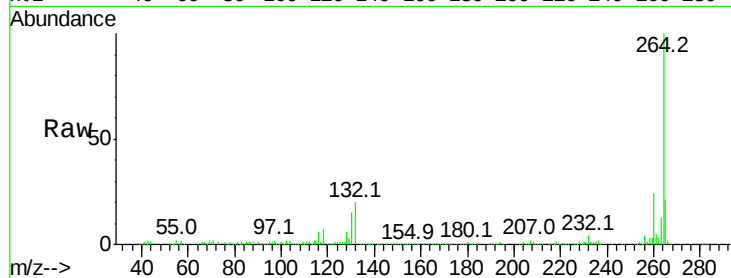
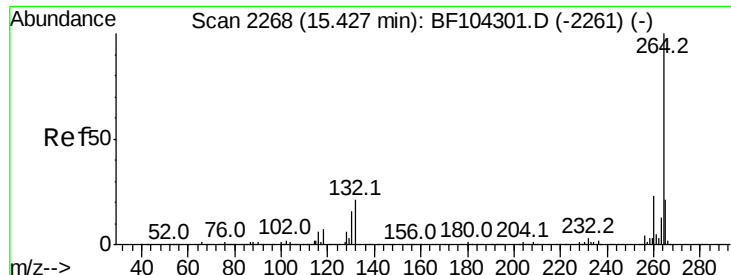


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 17.068 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF104328.D
 Acq: 7 Apr 2018 1:28

Tgt Ion:149 Resp: 218228

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.0	3.0	4.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF104328.D

Acq: 7 Apr 2018 1:28

Instrument :

BNA_F

ClientSampleId :

11944

Tot Ion:264 Resp: 260247

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.9 17.5 26.3

