

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104548.D
 Acq On : 16 Apr 2018 22:14
 Operator : JU/SJ
 Sample : J2354-04 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 00:58:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

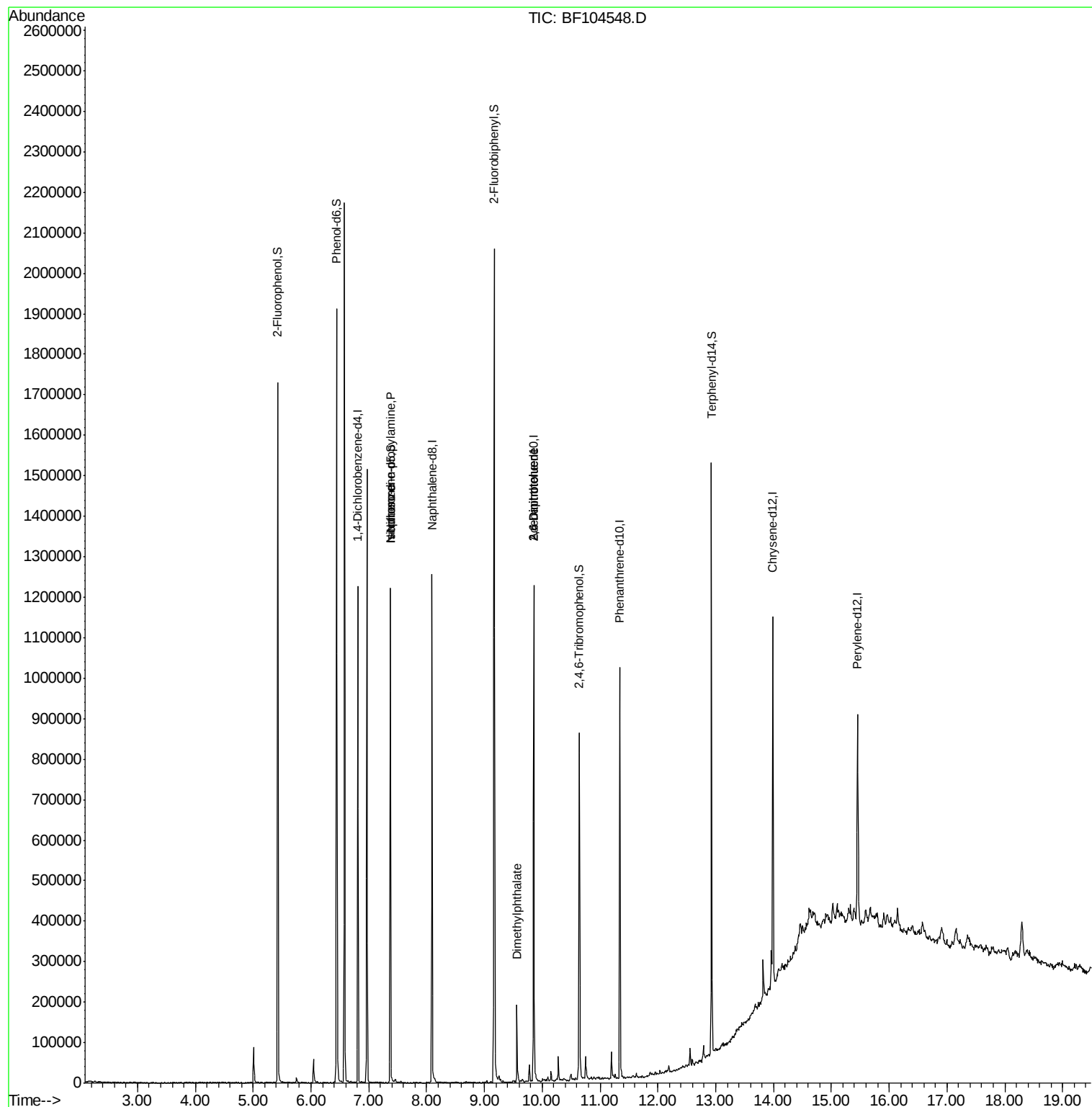
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159489	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	580524	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	242017	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	361901	20.00	ng	0.00
75) Chrysene-d12	13.99	240	301898	20.00	ng	0.00
86) Perylene-d12	15.46	264	232346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	529652	50.78	ng	0.00
7) Phenol-d6	6.45	99	633153	49.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	377595	42.47	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	111880	44.56	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	610657	39.86	ng	0.00
78) Terphenyl-d14	12.93	244	457946	34.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	11717	Below Cal		Qvalue 84
19) n-Nitroso-di-n-propylamine	7.37	70	48327	5.771 ng	#	73
25) Isophorone	7.37	82	377592	20.085 ng	#	64
49) Dimethylphthalate	9.56	163	79555	4.168 ng		100
50) 2,6-Dinitrotoluene	9.85	165	30839	8.733 ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	30839	6.657 ng	#	23
76) Benizidine	12.67	184	369	Below Cal	#	66

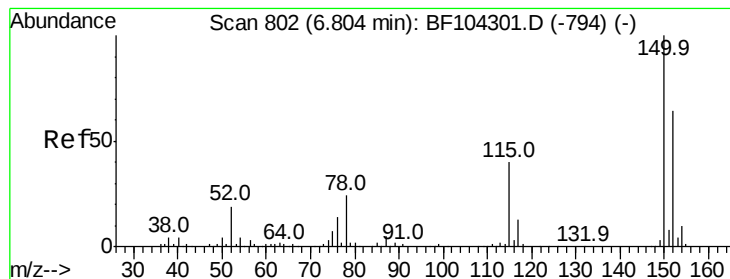
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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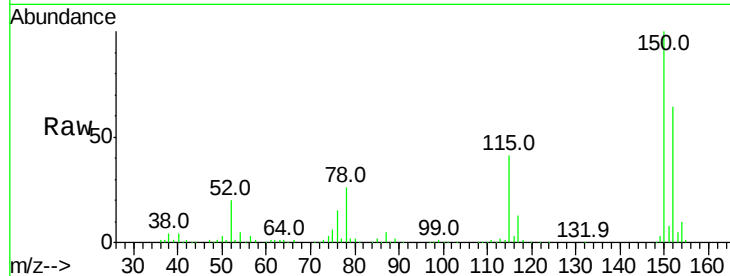


#1

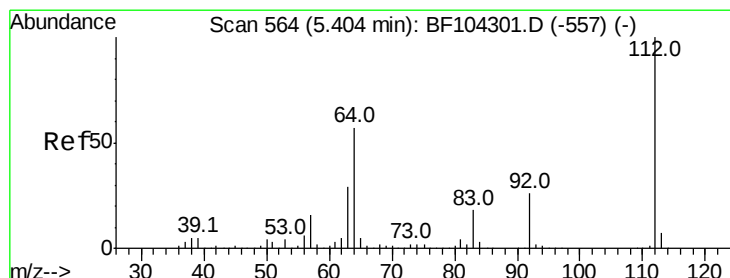
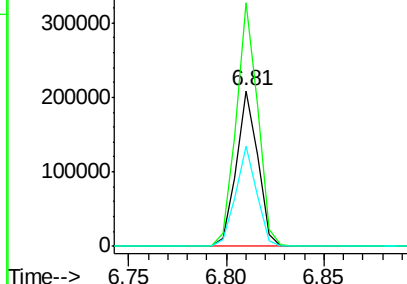
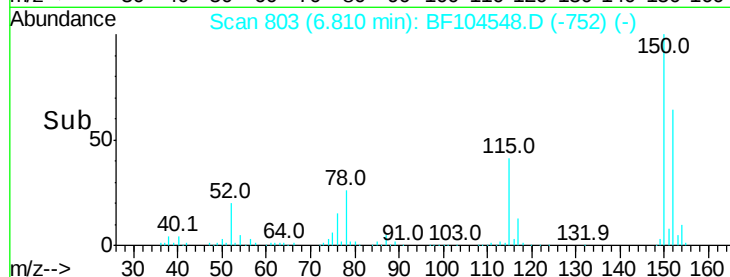
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104548.D
 Acq: 16 Apr 2018 22:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 159489
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 64.1 50.1 75.1



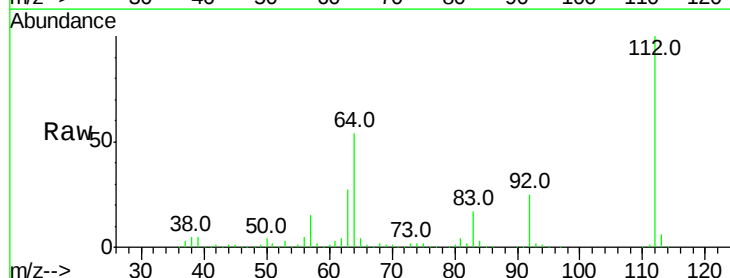
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



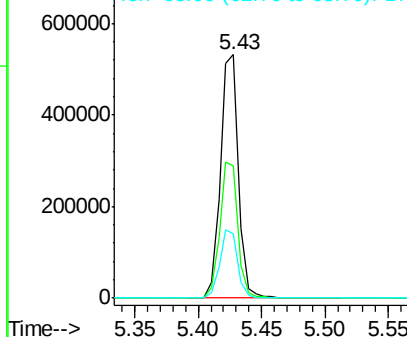
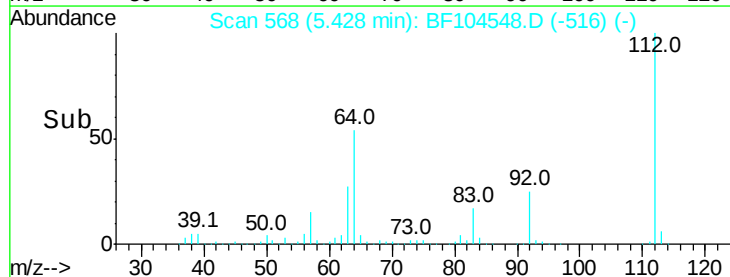
#5

2-Fluorophenol
 Concen: 50.779 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104548.D
 Acq: 16 Apr 2018 22:14

Tgt Ion:112 Resp: 529652
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.9 71.9
 63 26.7 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: 49.404 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104548.D

Acq: 16 Apr 2018 22:14

Instrument :

BNA_F

ClientSampleId :

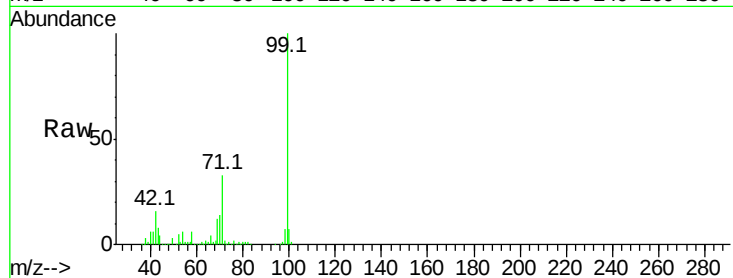
Tot Ion: 99 Resp: 633153

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

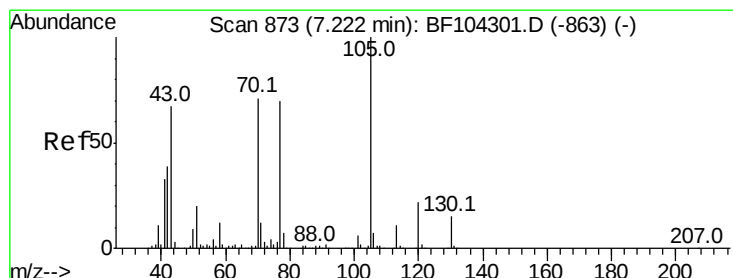
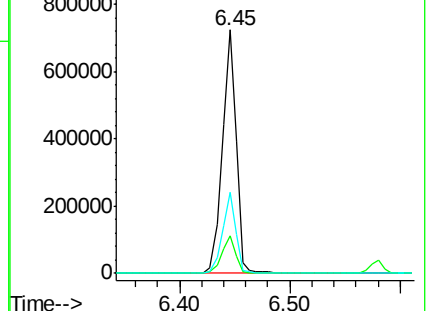
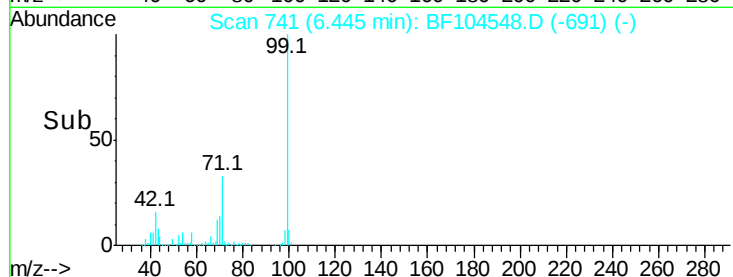
71 33.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.771 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104548.D

Acq: 16 Apr 2018 22:14

Tgt Ion: 70 Resp: 48327

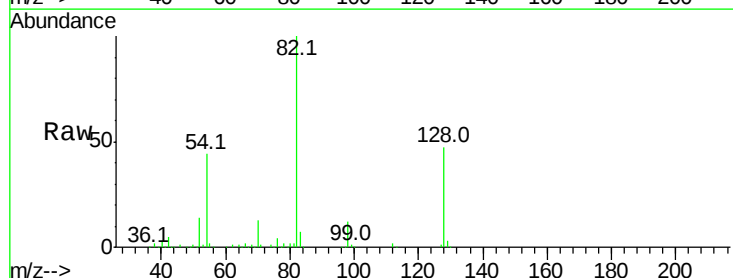
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

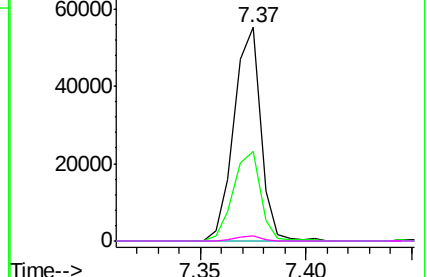
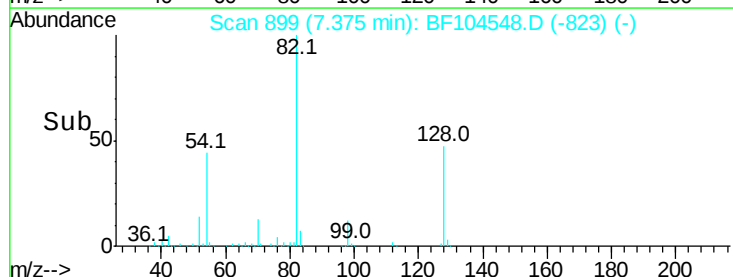


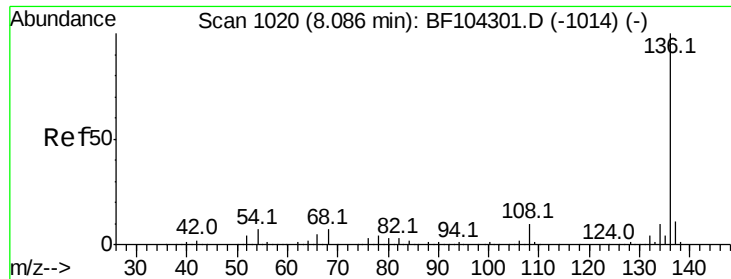
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

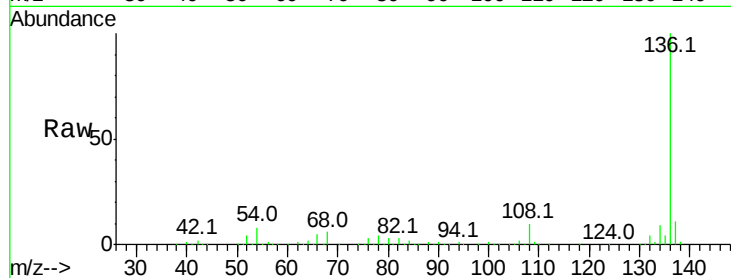




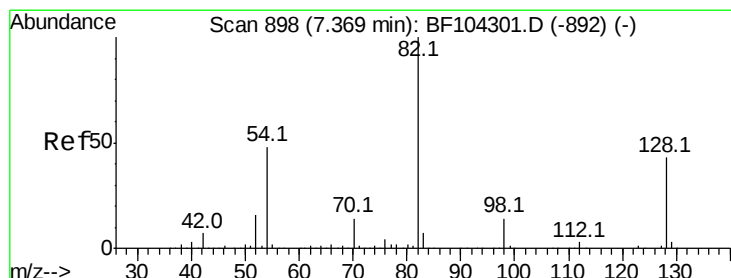
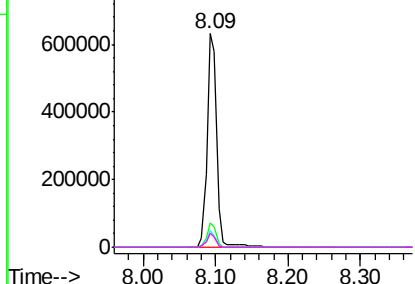
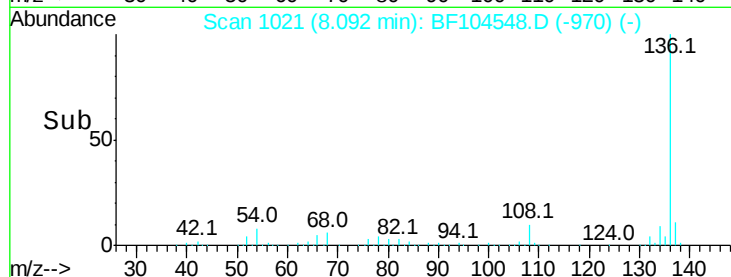
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104548.D
Acq: 16 Apr 2018 22:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	580524
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.6	6.6	9.8
68	6.5	5.0	7.4

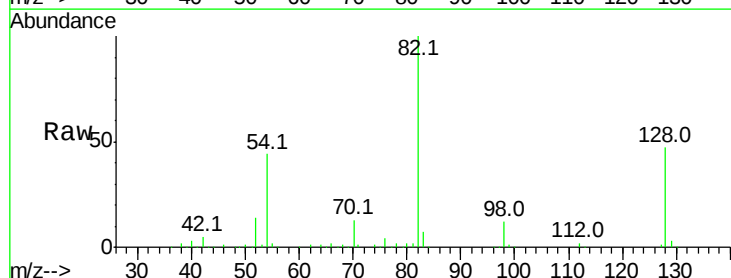


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

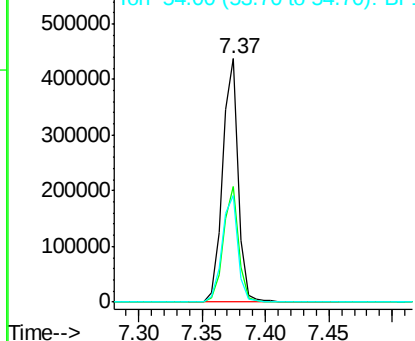
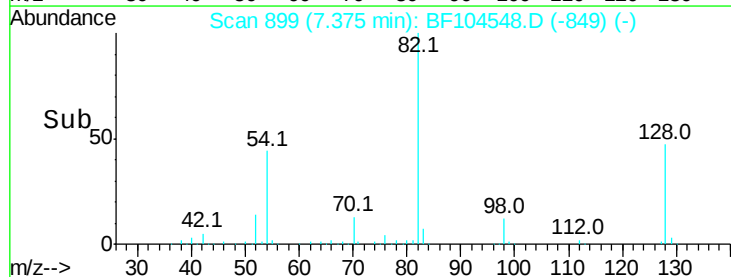


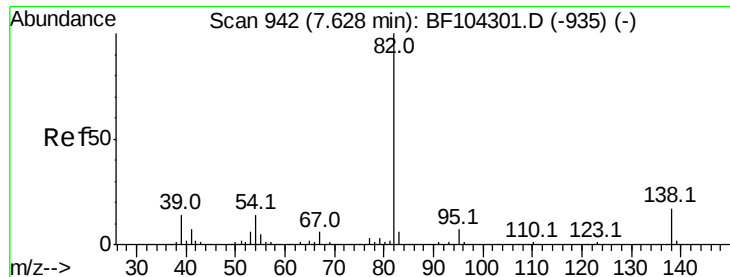
#23
Nitrobenzene-d5
Concen: 42.472 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104548.D
Acq: 16 Apr 2018 22:14

Tgt Ion:	82	Resp:	377595
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	44.1	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: 20.085 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104548.D

Acq: 16 Apr 2018 22:14

Instrument :

BNA_F

ClientSampled :

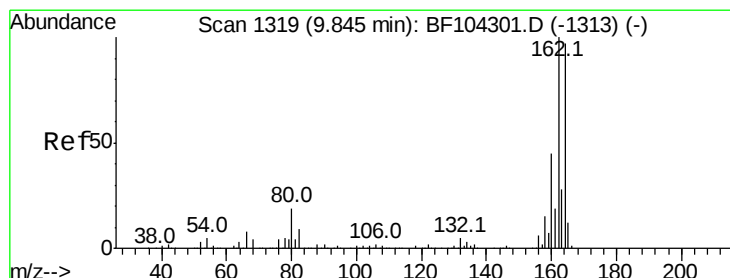
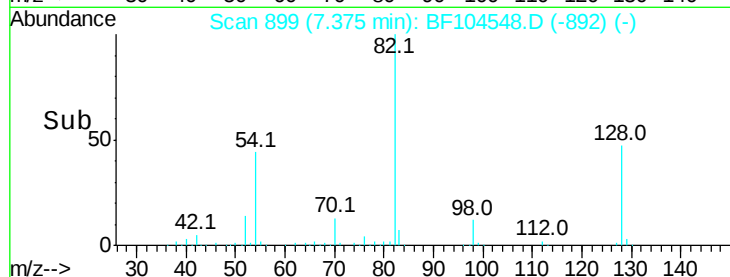
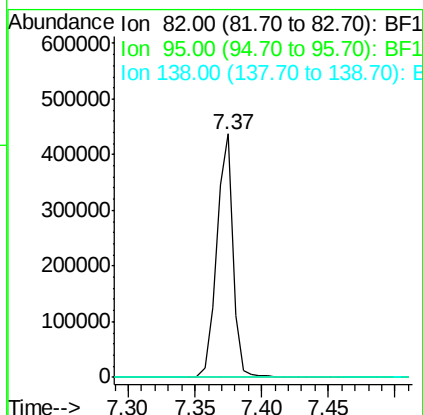
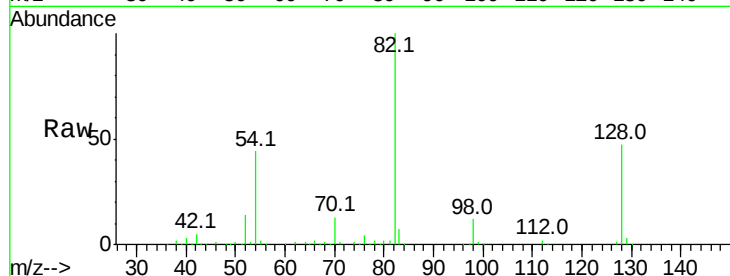
Tot Ion: 82 Resp: 377592

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: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104548.D

Acq: 16 Apr 2018 22:14

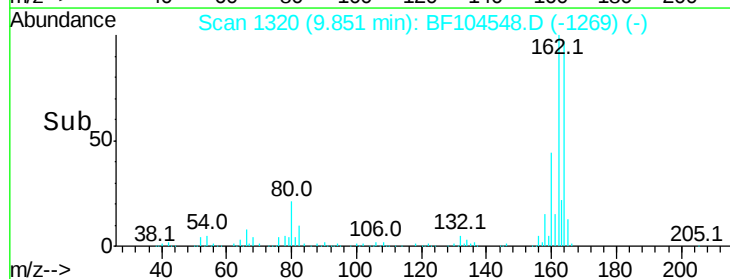
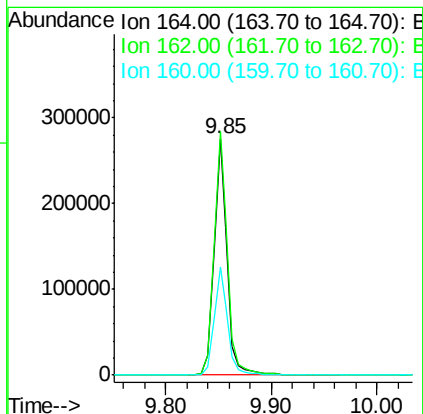
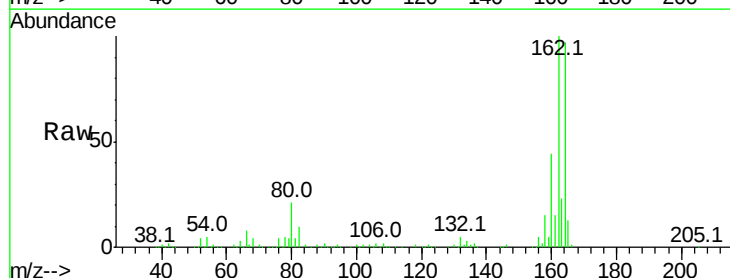
Tgt Ion:164 Resp: 242017

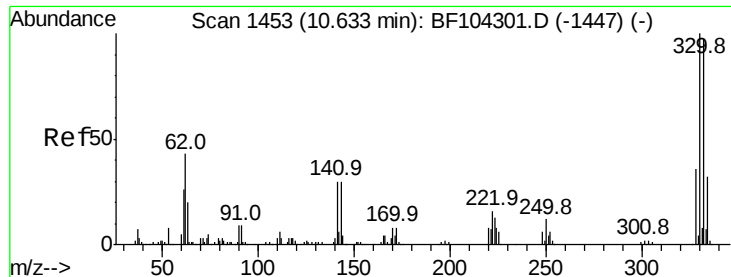
Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 45.6 38.3 57.5

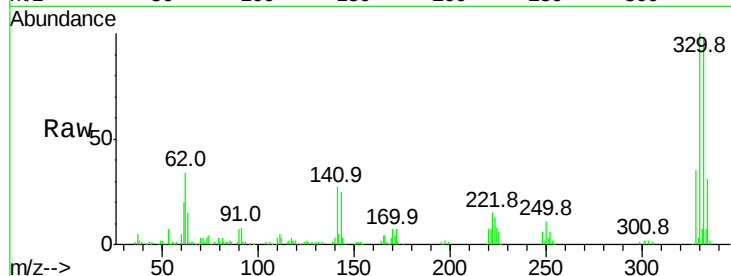




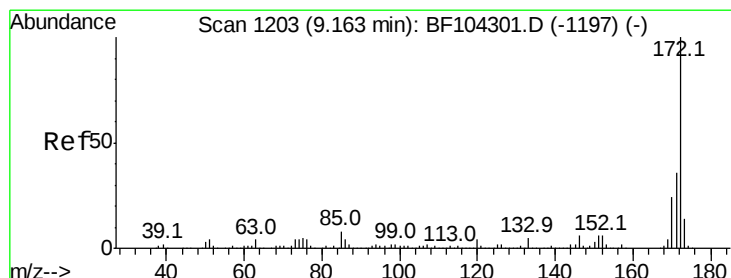
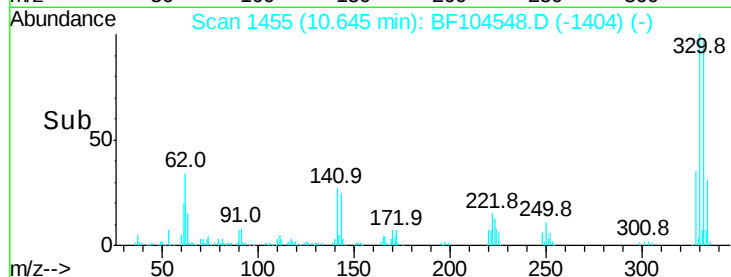
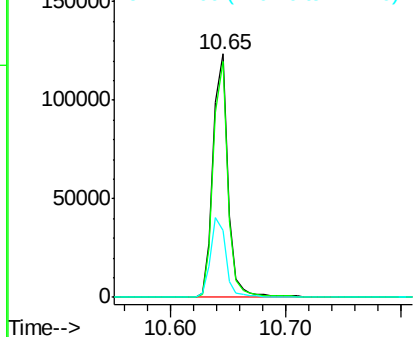
#41
 2,4,6-Tribromophenol
 Concen: 44.565 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104548.D
 Acq: 16 Apr 2018 22:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	33.4	29.9	44.9

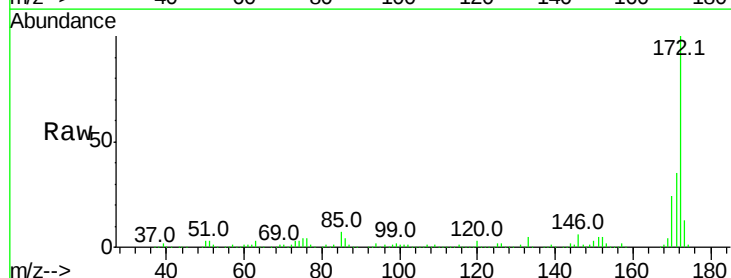


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

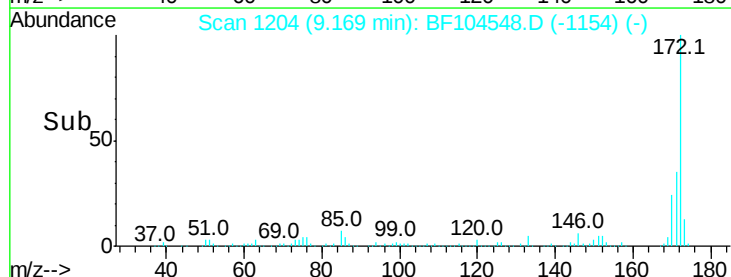
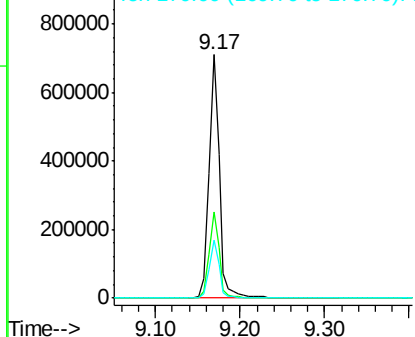


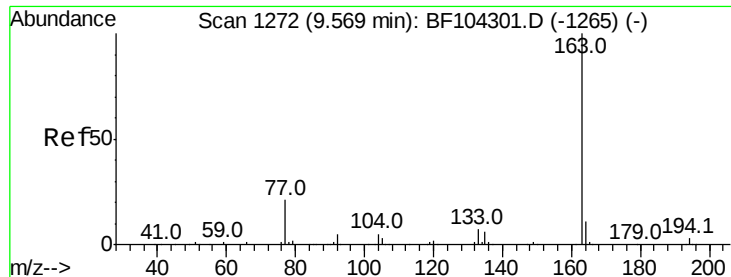
#44
 2-Fluorobiphenyl
 Concen: 39.860 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104548.D
 Acq: 16 Apr 2018 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.9	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

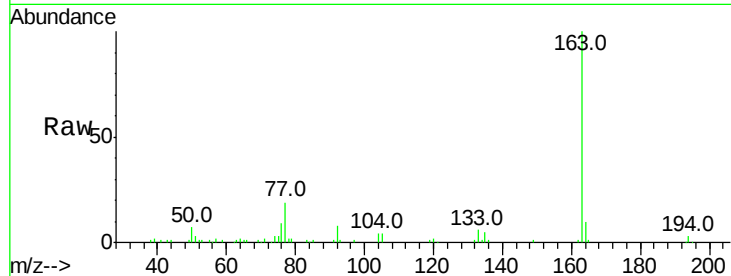




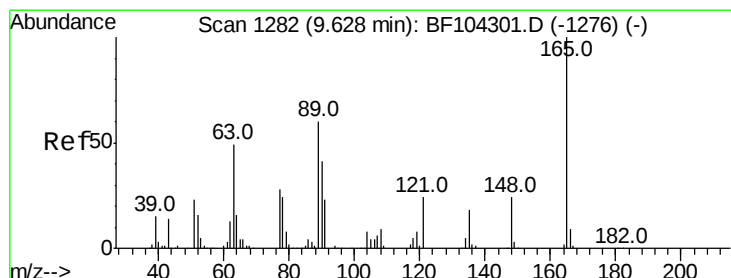
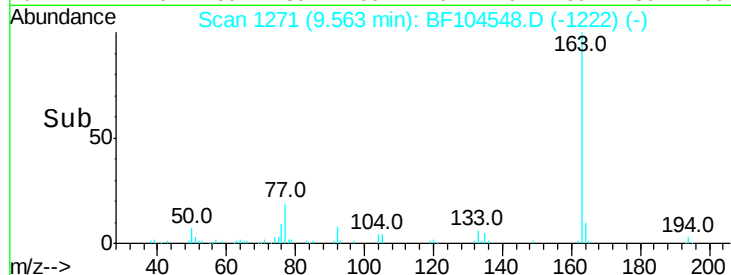
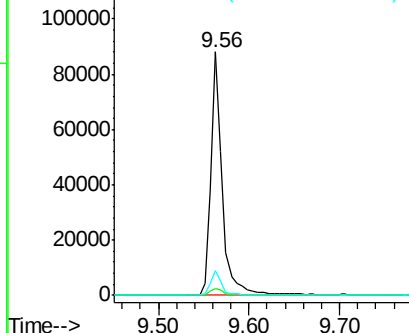
#49
Dimethylphthalate
Concen: 4.168 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104548.D
Acq: 16 Apr 2018 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 79555
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.2 8.2 12.2

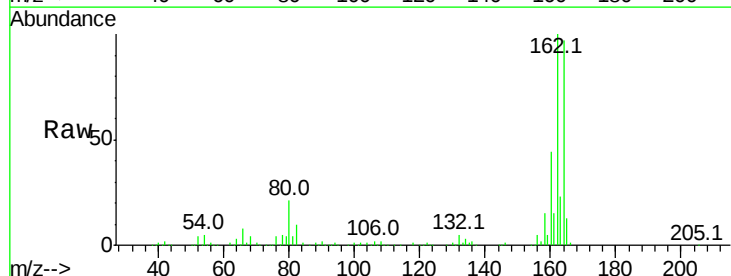


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

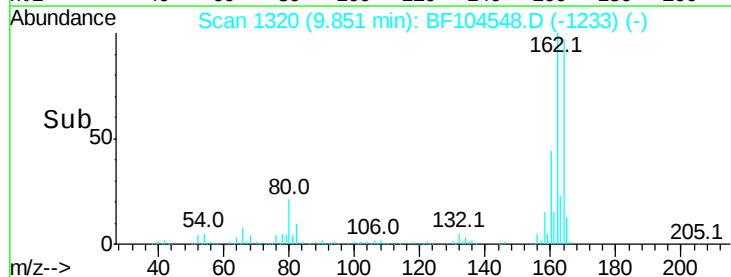
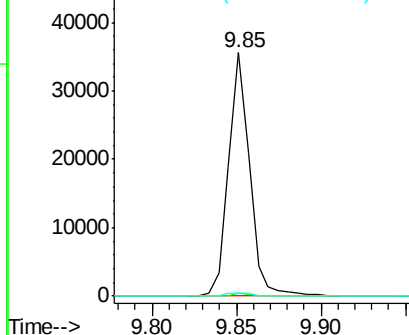


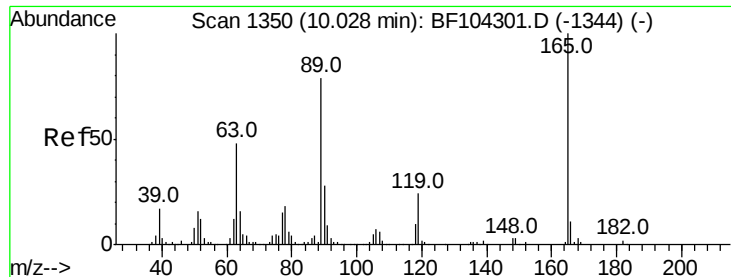
#50
2,6-Dinitrotoluene
Concen: 8.733 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104548.D
Acq: 16 Apr 2018 22:14

Tgt Ion:165 Resp: 30839
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.3 44.0 66.0#



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

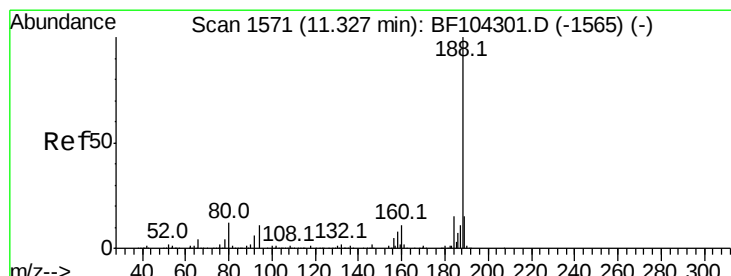
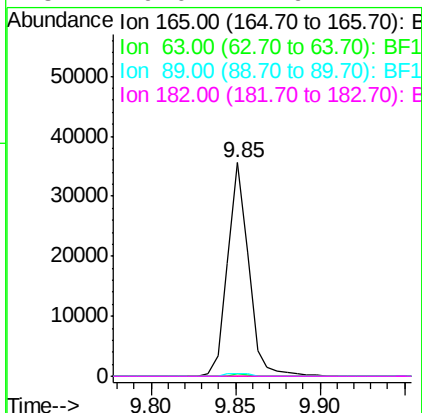
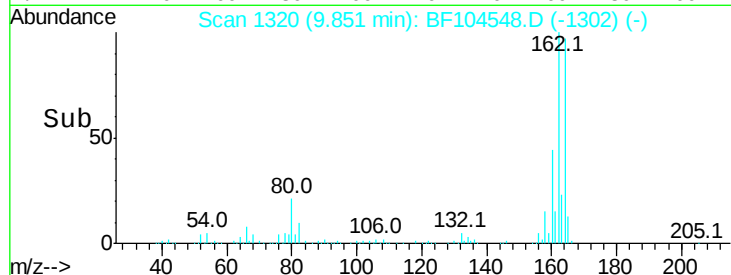
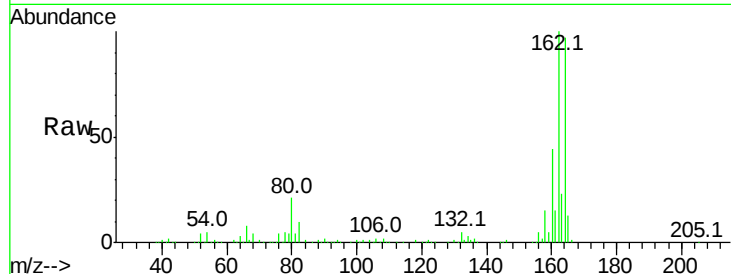




#56
 2,4-Dinitrotoluene
 Concen: 6.657 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104548.D
 Acq: 16 Apr 2018 22:14

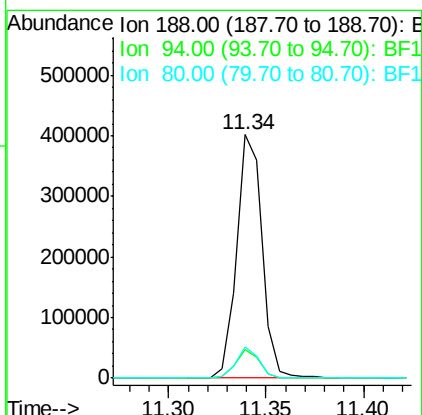
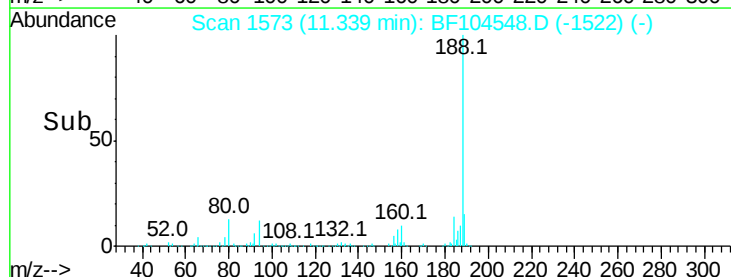
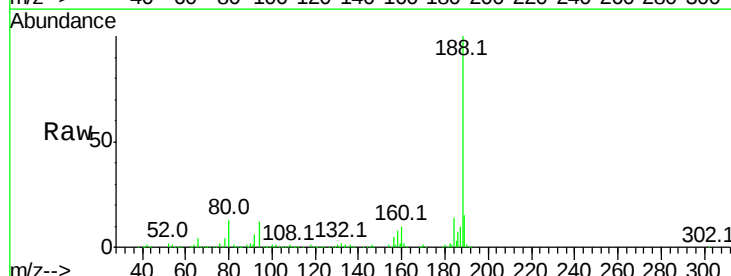
Instrument :
 BNA_F
 ClientSampleId :

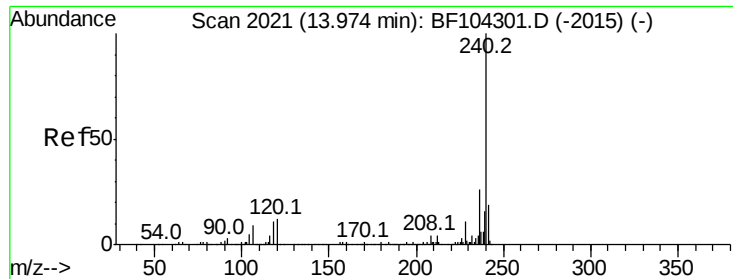
Tot Ion:165	Resp:	30839	
Ion Ratio	Lower	Upper	
165 100			
63 1.3	36.4	54.6#	
89 1.3	57.8	86.6#	
182 0.0	1.6	2.4#	



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF104548.D
 Acq: 16 Apr 2018 22:14

Tgt	Ion:188	Resp:	361901
Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.6	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104548.D

Acq: 16 Apr 2018 22:14

Instrument :

BNA_F

ClientSampleId :

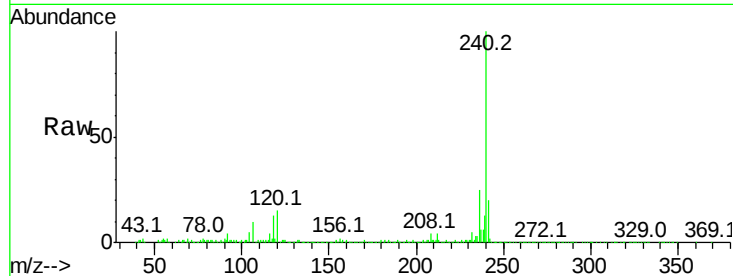
Tot Ion:240 Resp: 301898

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

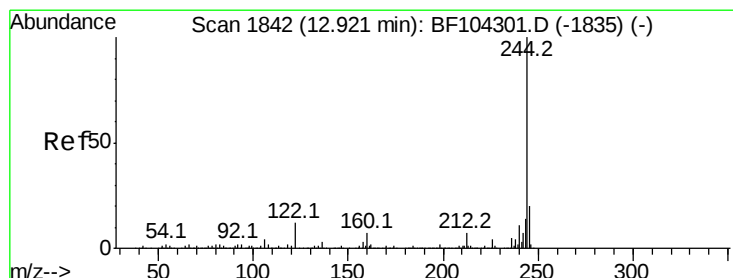
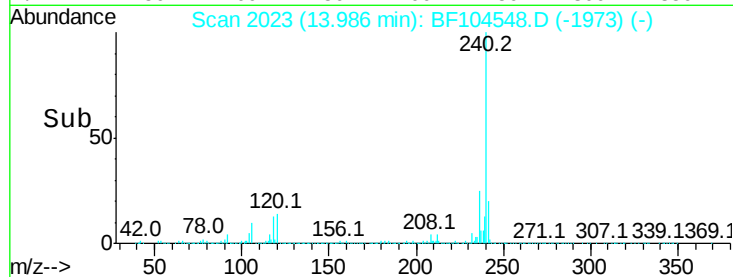
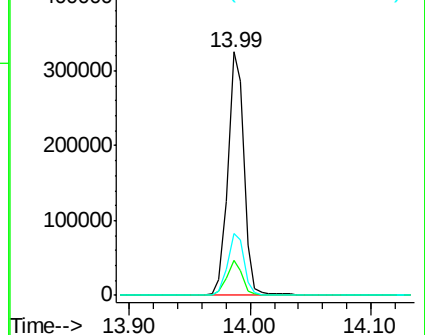
236 25.4 20.7 31.1



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: 34.582 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104548.D

Acq: 16 Apr 2018 22:14

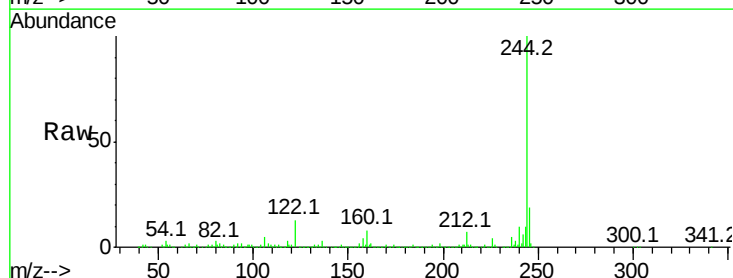
Tgt Ion:244 Resp: 457946

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

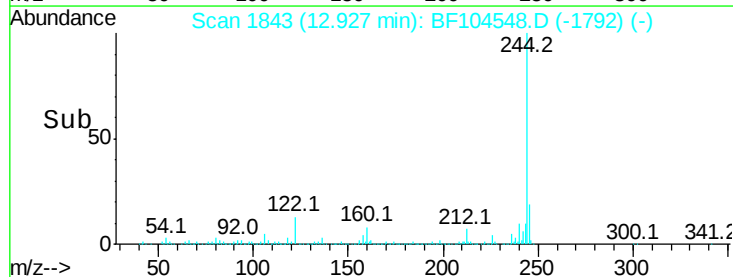
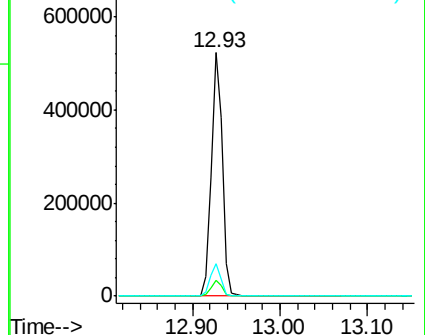
122 13.1 11.0 16.4

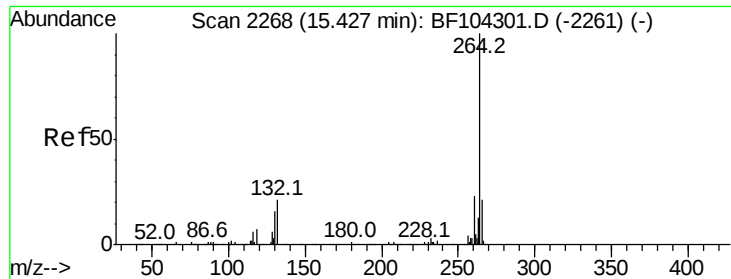


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

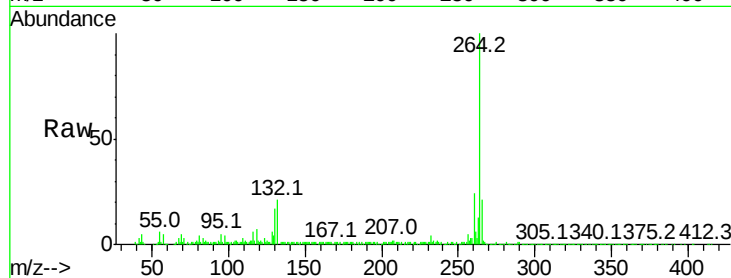




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104548.D
Acq: 16 Apr 2018 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	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

