

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104490.D
 Acq On : 13 Apr 2018 20:28
 Operator : JU/SJ
 Sample : J2336-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 22:55:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

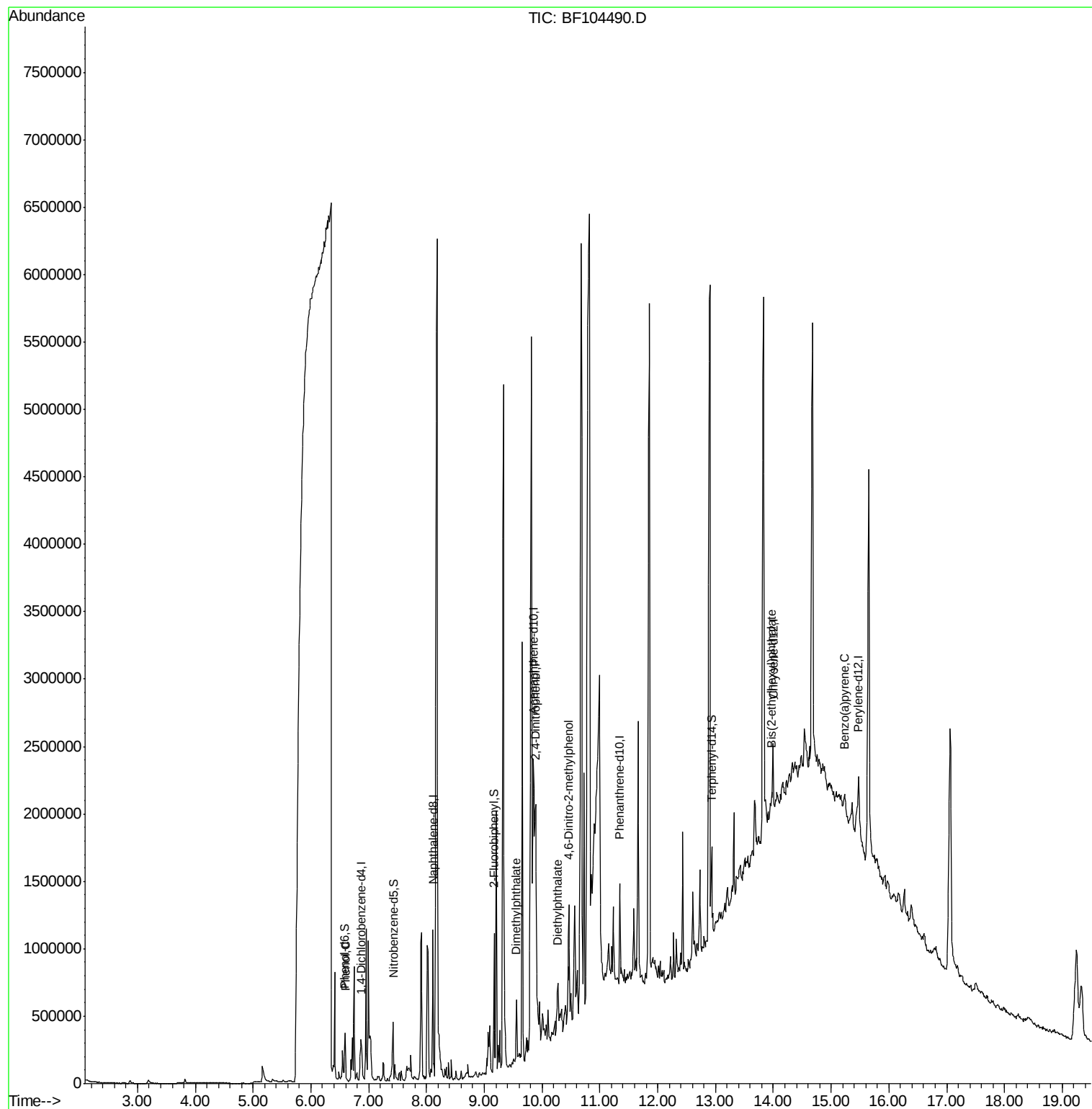
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118543	20.00	ng	0.06
21) Naphthalene-d8	8.11	136	461955	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	164252	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	260895	20.00	ng	0.00
75) Chrysene-d12	14.00	240	197130	20.00	ng	0.00
86) Perylene-d12	15.47	264	148467	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.59	99	86592	9.09	ng	0.14
23) Nitrobenzene-d5	7.42	82	159042	22.48	ng	0.04
41) 2,4,6-Tribromophenol	10.64	330	834	0.49	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	310609	29.87	ng	0.00
78) Terphenyl-d14	12.93	244	213407	24.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	2533	Below Cal		90
10) Phenol	6.60	94	79839	7.899 ng		96
49) Dimethylphthalate	9.56	163	79641	6.149 ng	#	99
53) 2,4-Dinitrophenol	9.88	184	16267	26.383 ng	#	1
59) Diethylphthalate	10.26	149	70014	5.427 ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	155123	110.745 ng	#	26
76) Benzidine	12.73	184	844	Below Cal	#	1
83) Bis(2-ethylhexyl)phthalate	13.97	149	67503	7.624 ng		96
89) Benzo(a)pyrene	15.23	252	69628	8.299 ng	#	48

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

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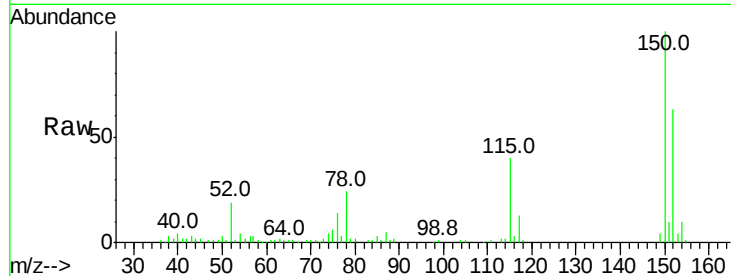


#1

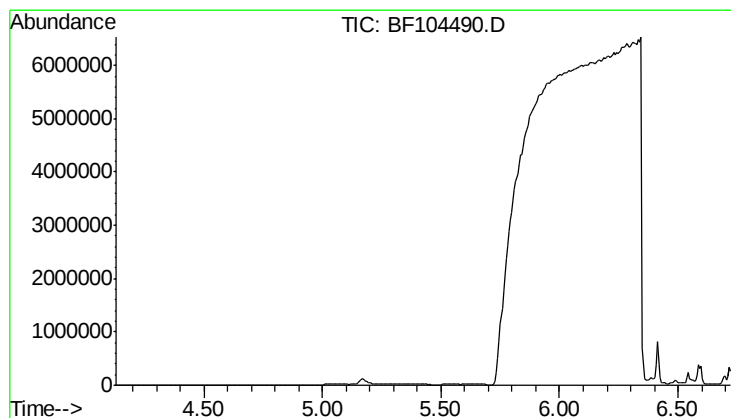
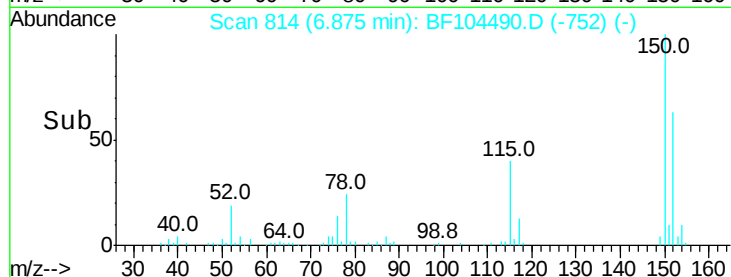
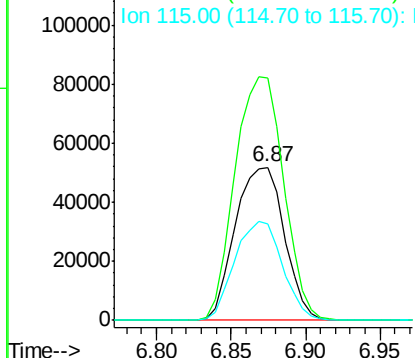
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.06 min
 Lab File: BF104490.D
 Acq: 13 Apr 2018 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 118543
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 62.9 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

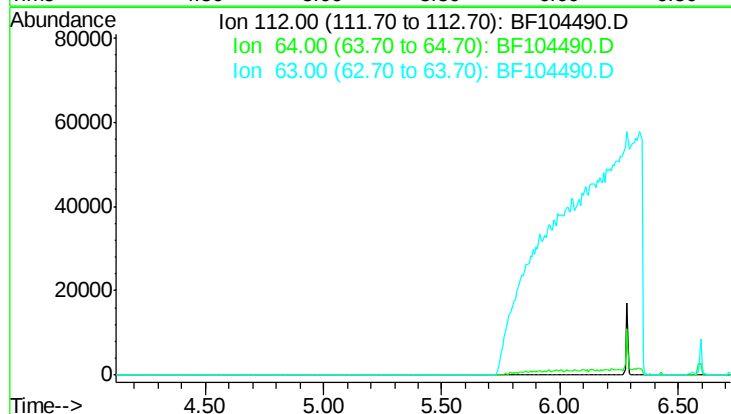


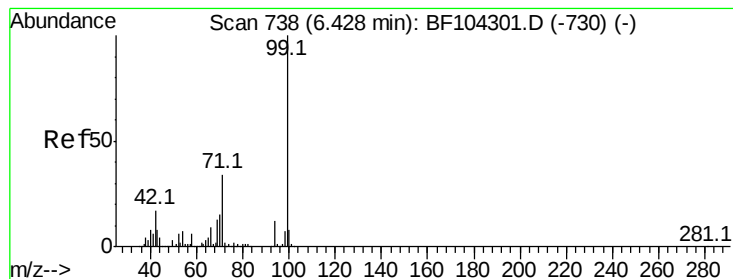
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min

Lab File: BF104490.D
 Acq: 13 Apr 2018 20:28

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 9.091 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.14 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

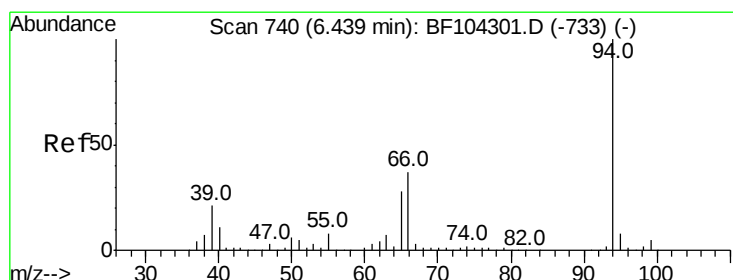
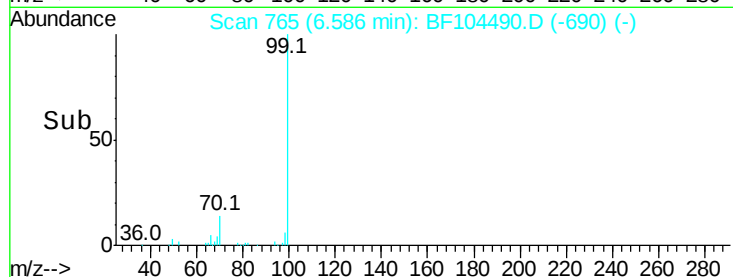
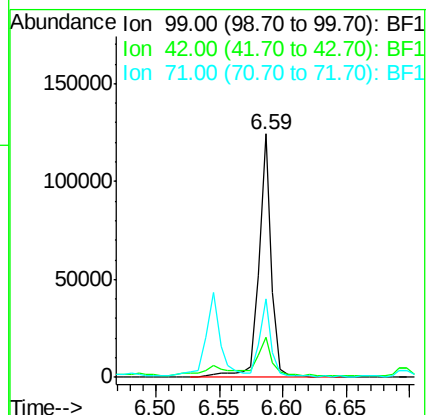
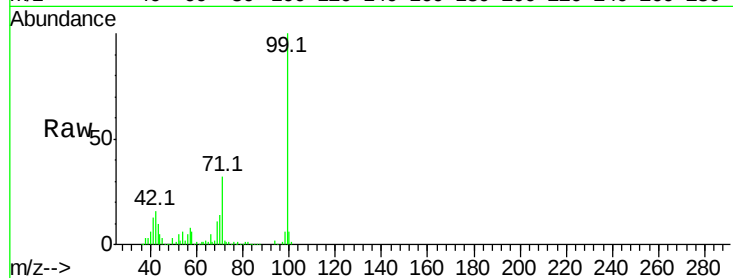
Tot Ion: 99 Resp: 86592

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 7.899 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.14 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

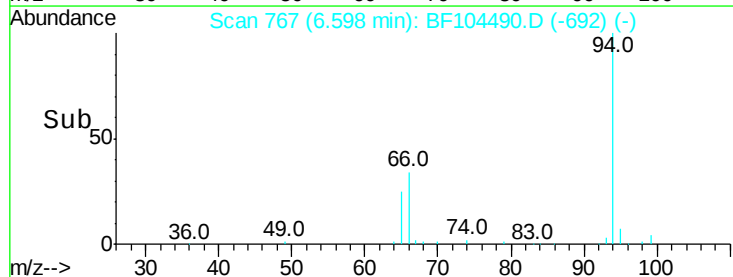
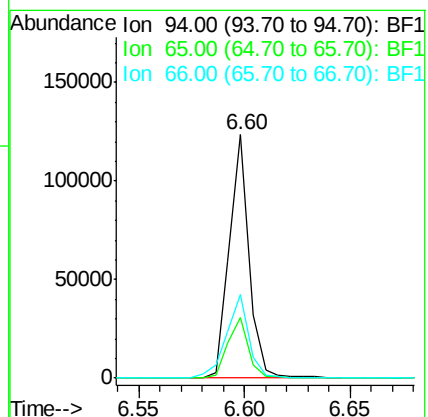
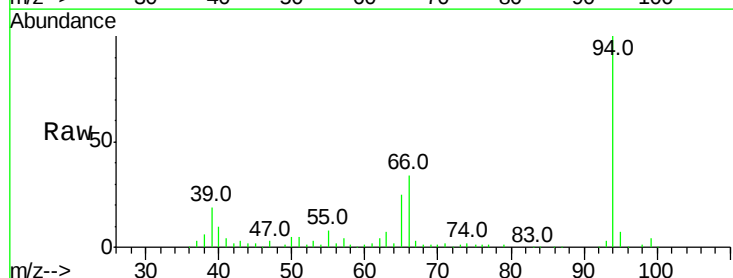
Tgt Ion: 94 Resp: 79839

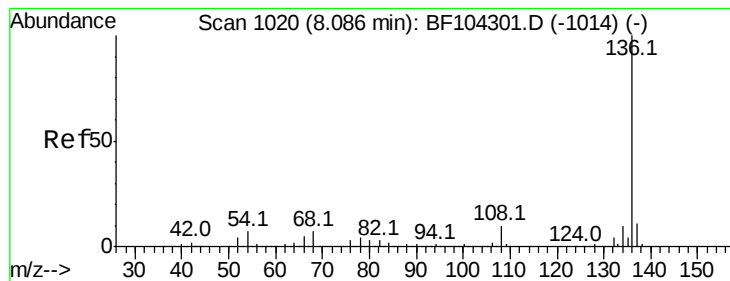
Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 34.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461955

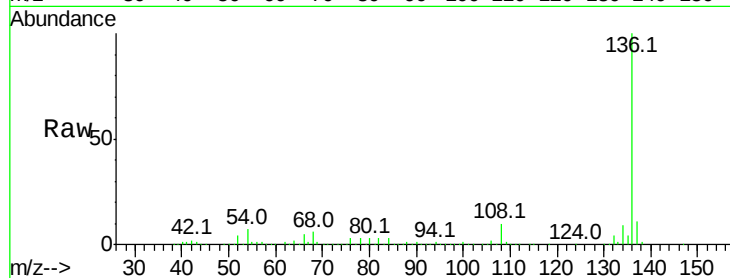
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

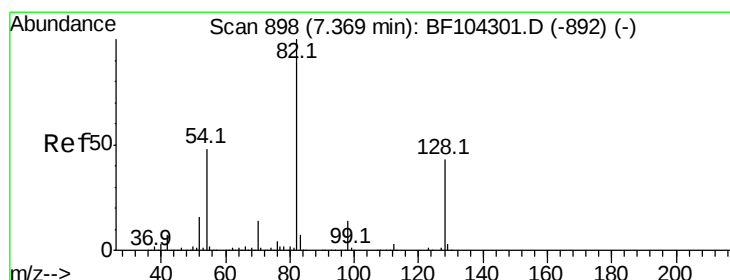
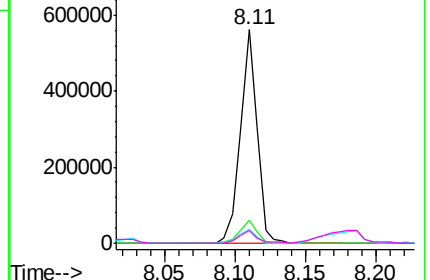
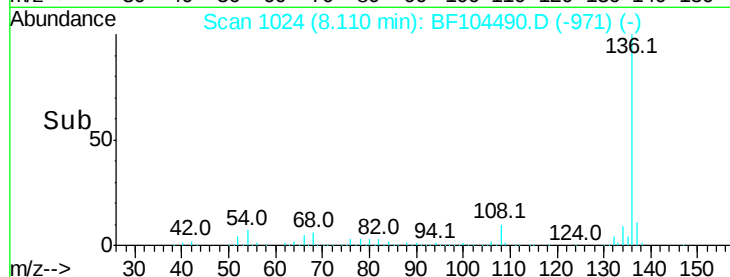


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.481 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.04 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

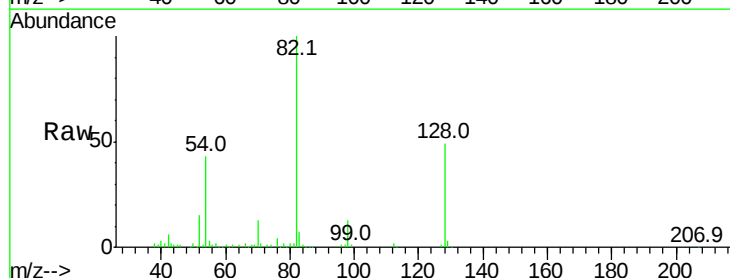
Tgt Ion: 82 Resp: 159042

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

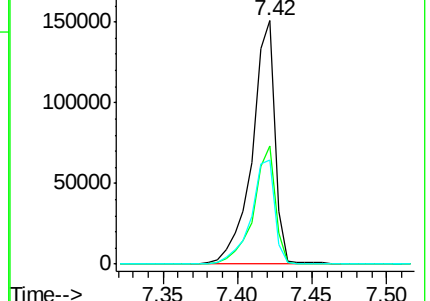
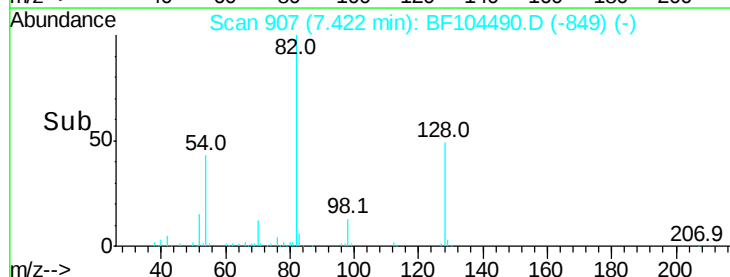
54 43.0 41.4 62.2

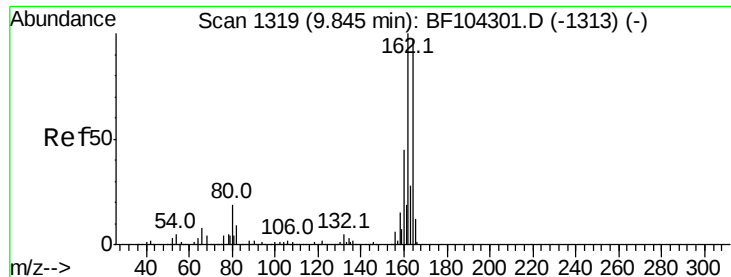


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

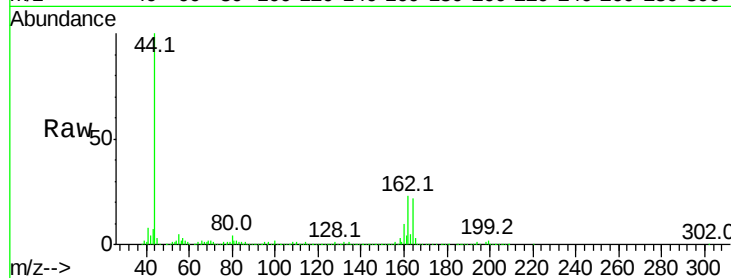
Tot Ion:164 Resp: 164252

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

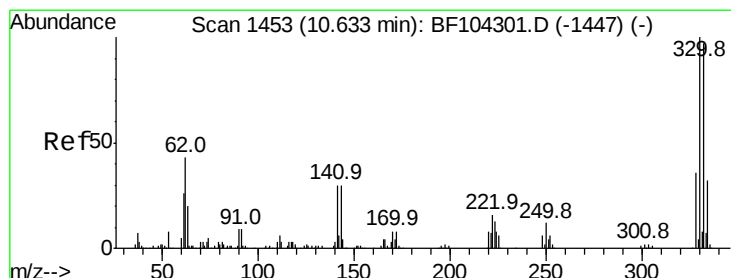
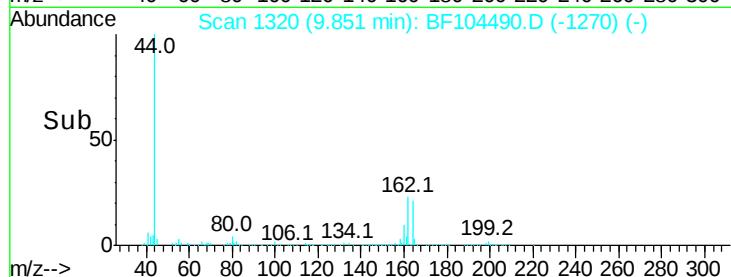
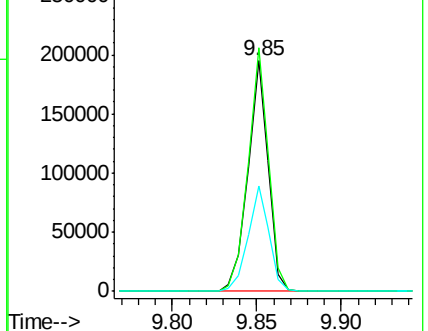
160 45.5 38.3 57.5



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: 0.489 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

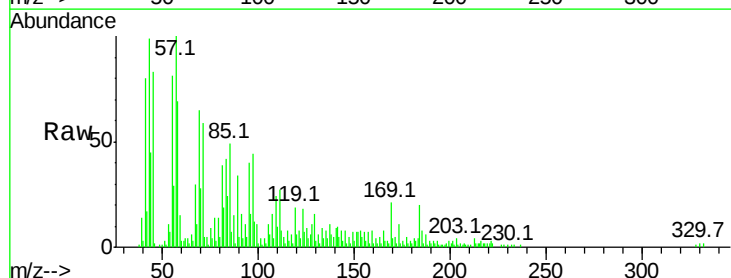
Tgt Ion:330 Resp: 834

Ion Ratio Lower Upper

330 100

332 91.7 77.0 115.6

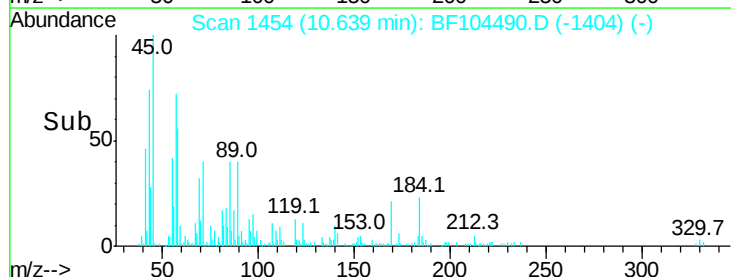
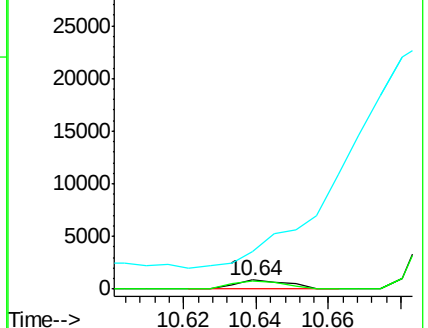
141 0.0 29.9 44.9#

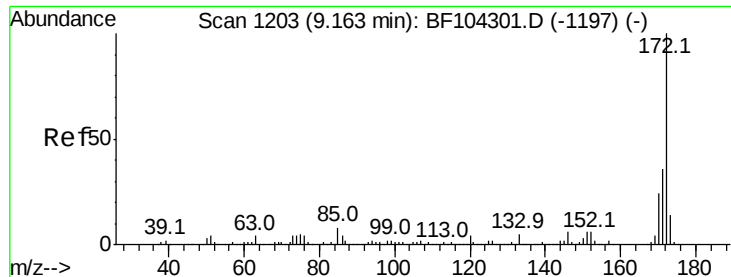


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

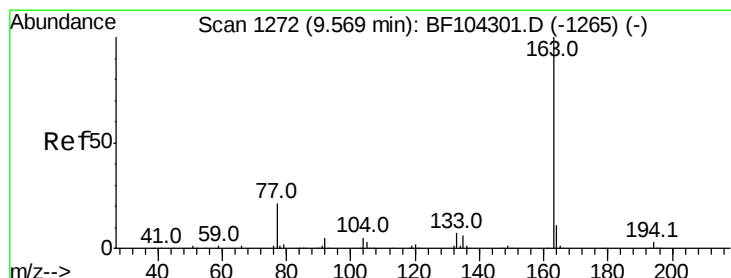
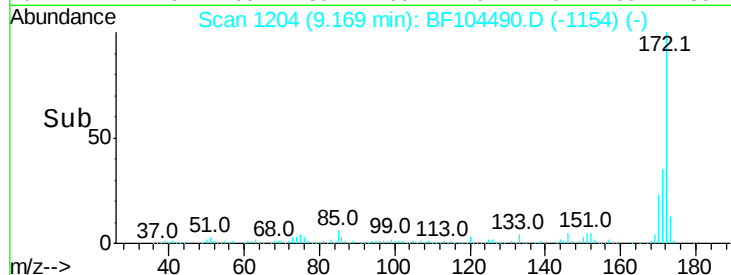
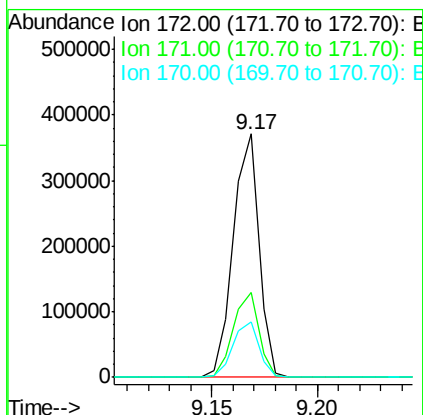
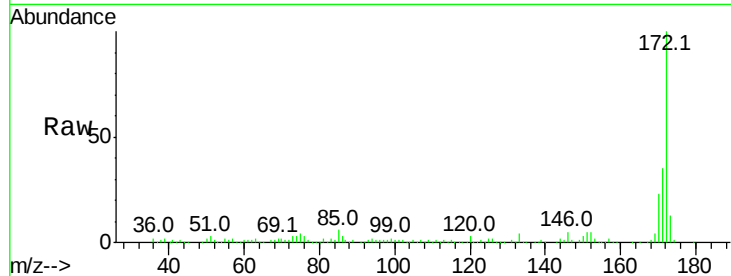




#44
2-Fluorobiphenyl
Concen: 29.874 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

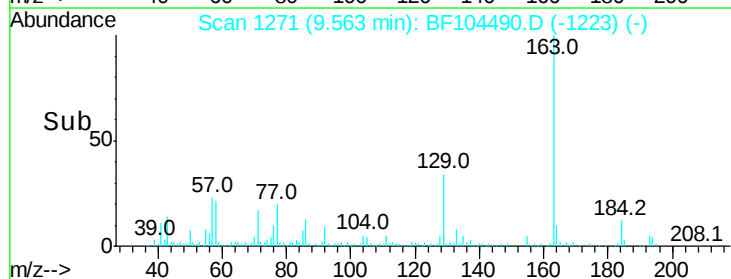
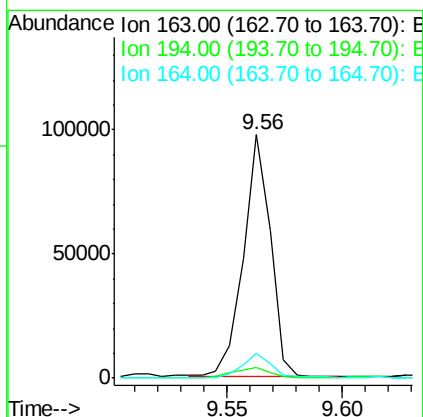
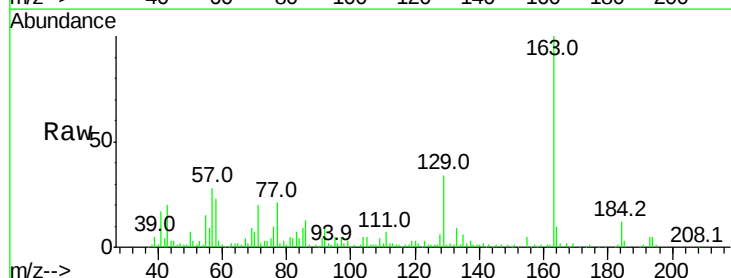
Instrument :
BNA_F
ClientSampleId :

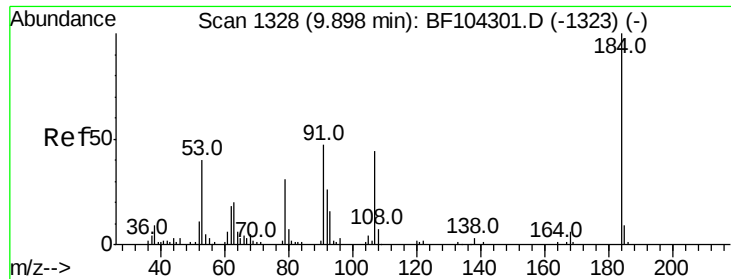
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.0	19.6	29.4



#49
Dimethylphthalate
Concen: 6.149 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.0	8.2	12.2

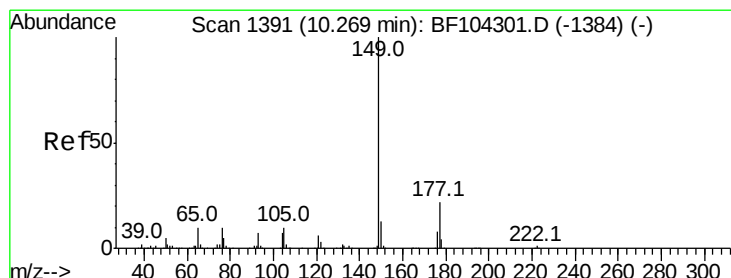
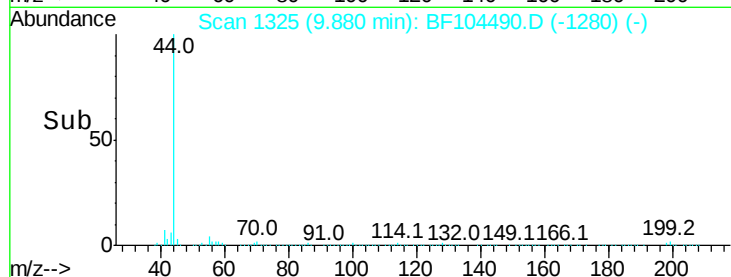
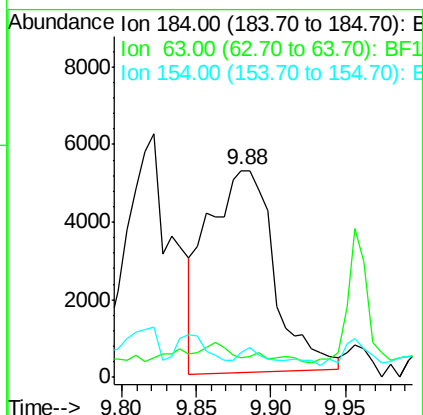
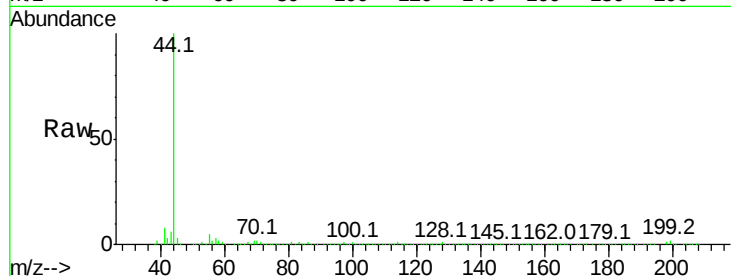




#53
2,4-Dinitrophenol
Concen: 26.383 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.04 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

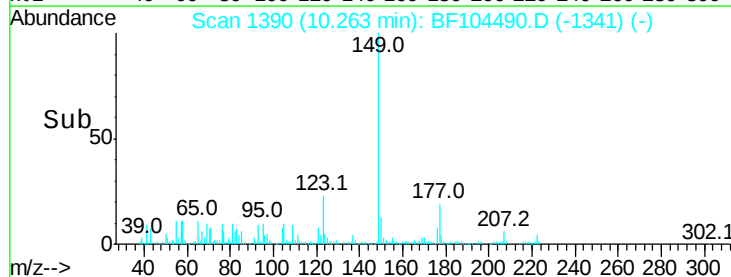
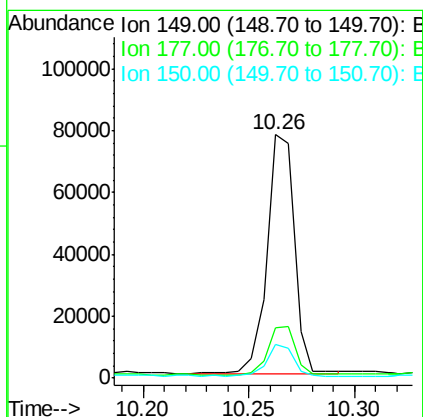
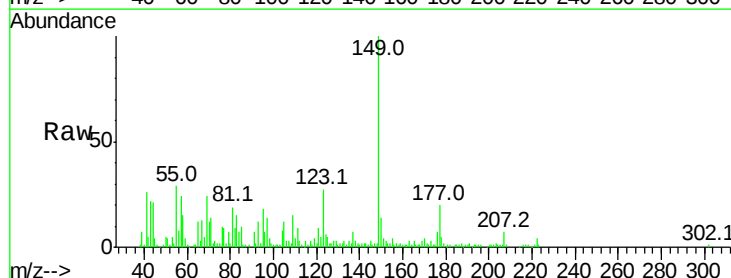
Instrument :
BNA_F
ClientSampleId :

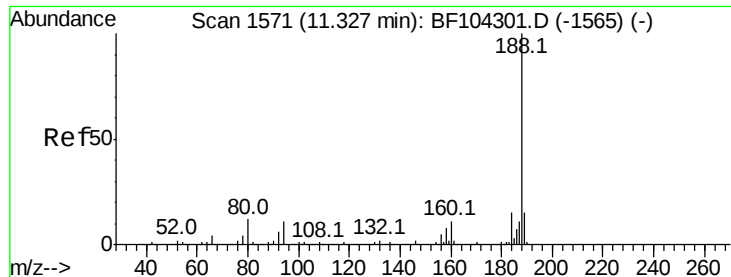
Tot Ion:184 Resp: 16267
Ion Ratio Lower Upper
184 100
63 9.3 54.2 81.2#
154 12.0 184.0 276.0#



#59
Diethylphthalate
Concen: 5.427 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104490.D
Acq: 13 Apr 2018 20:28

Tgt Ion:149 Resp: 70014
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 13.7 10.1 15.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

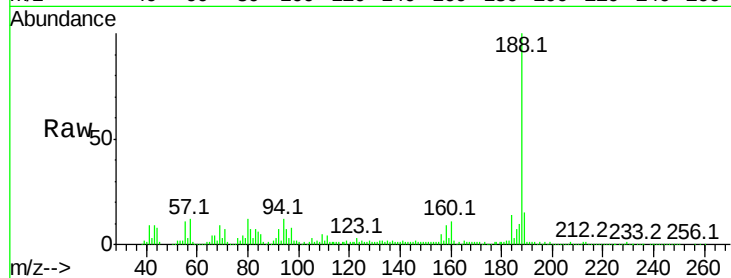
Tot Ion:188 Resp: 260895

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

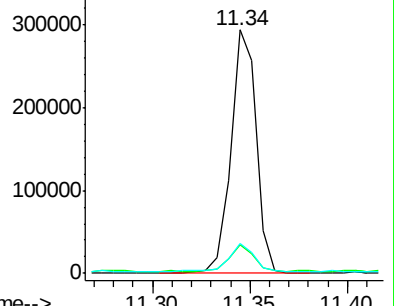
80 12.1 9.2 13.8



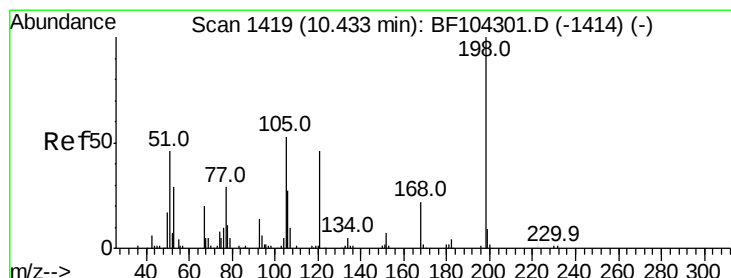
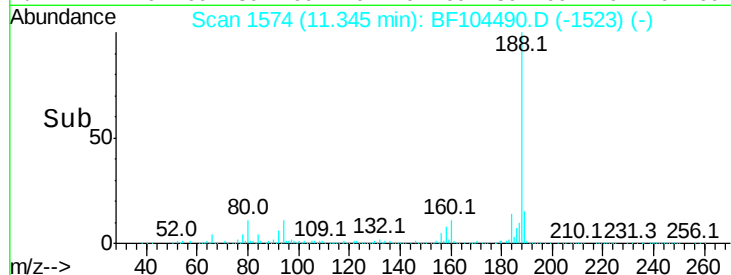
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 110.745 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

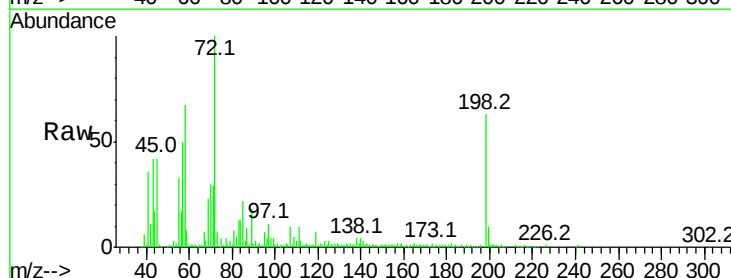
Tgt Ion:198 Resp: 155123

Ion Ratio Lower Upper

198 100

51 1.2 37.7 77.7#

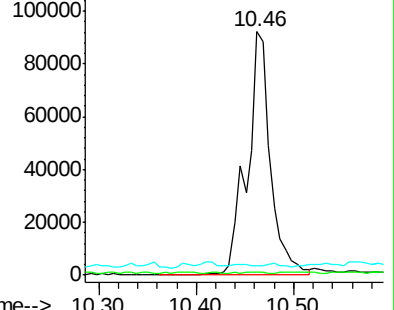
105 3.6 36.3 76.3#



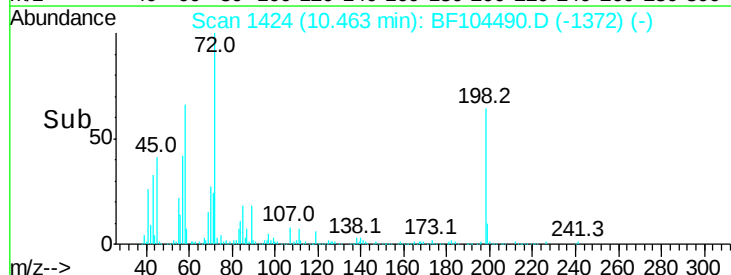
Abundance Ion 198.00 (197.70 to 198.70): E

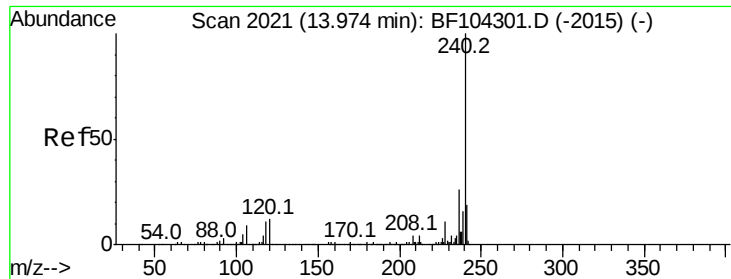
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

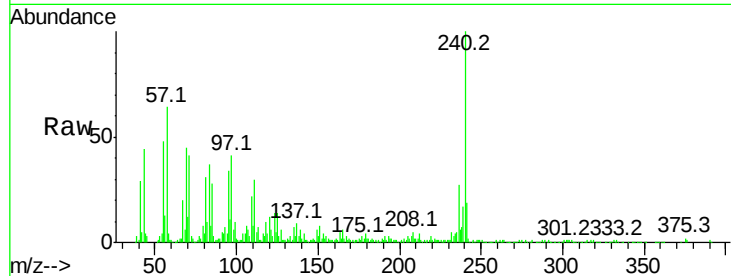
Tot Ion:240 Resp: 197130

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

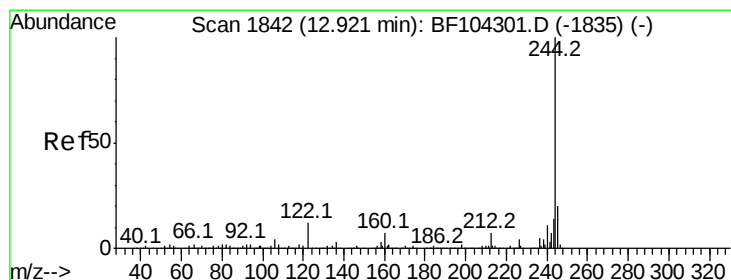
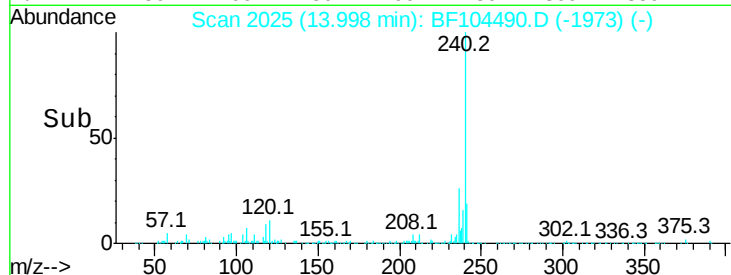
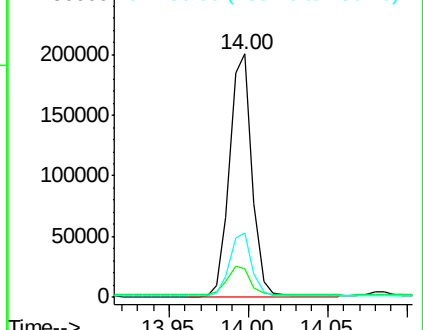
236 26.6 20.7 31.1



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: 24.681 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

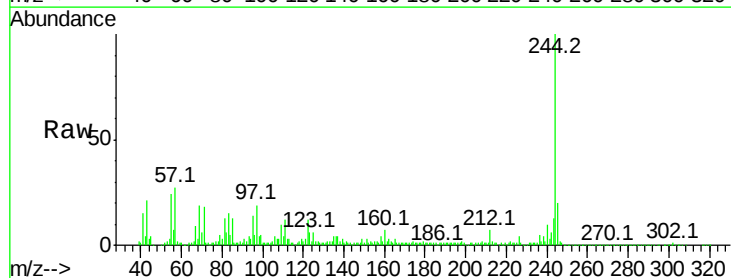
Tgt Ion:244 Resp: 213407

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

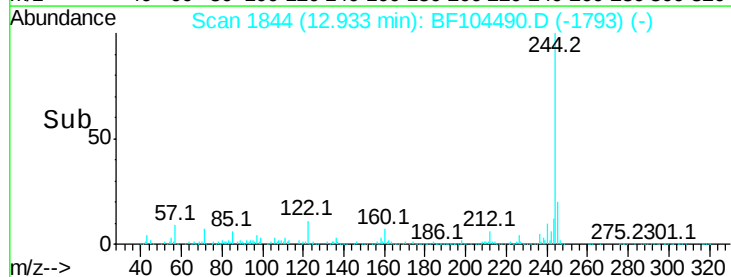
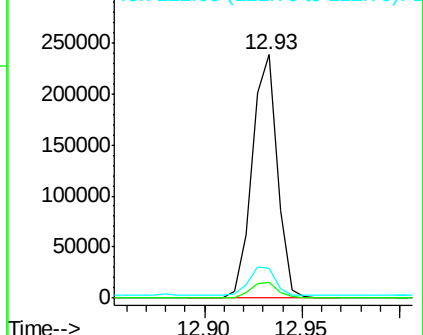
122 12.1 11.0 16.4

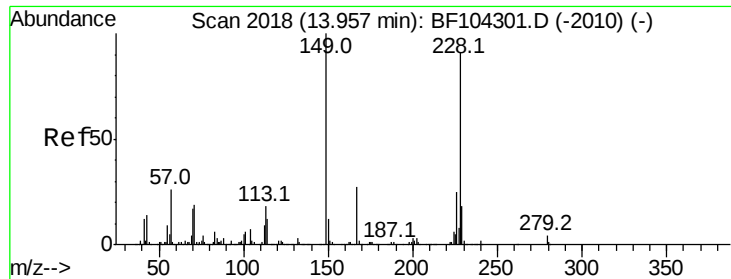


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

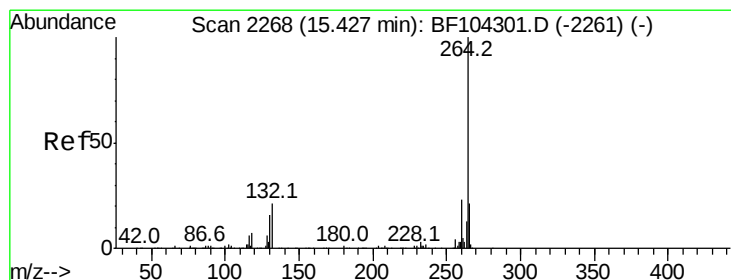
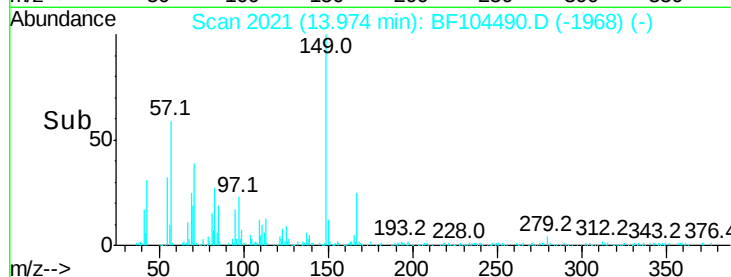
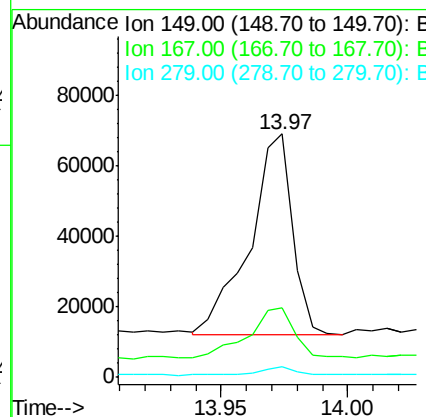
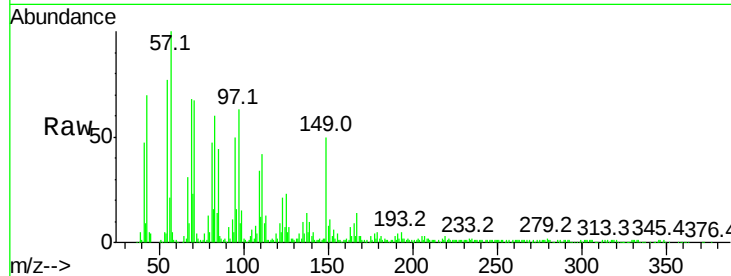




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.624 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF104490.D
 Acq: 13 Apr 2018 20:28

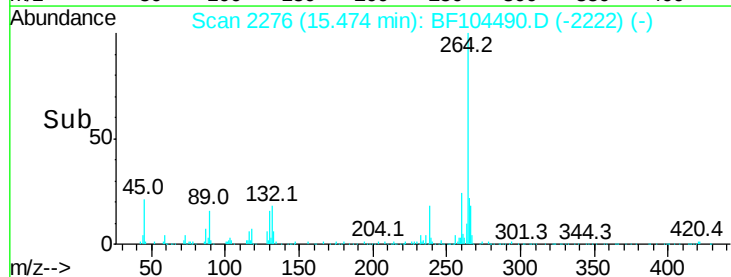
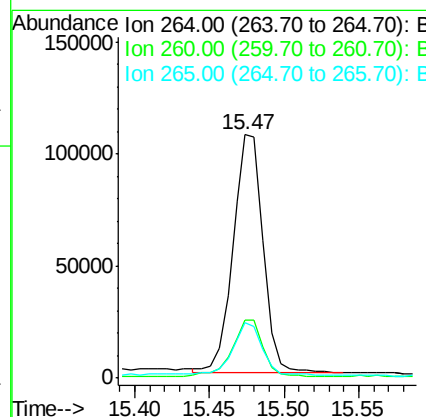
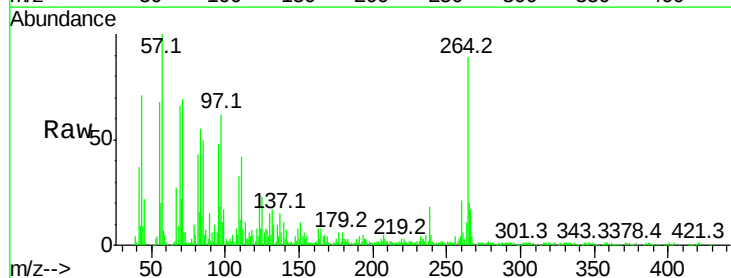
Instrument :
 BNA_F
 ClientSampleId :

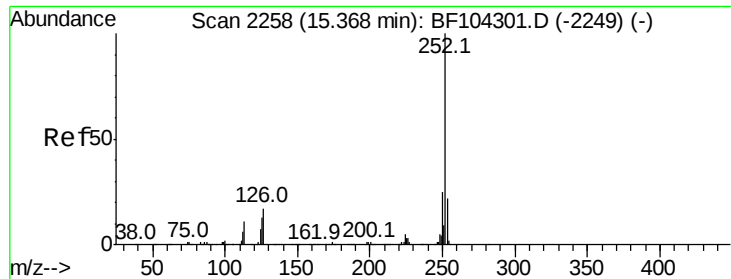
Tot Ion:149 Resp: 67503
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 4.1 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.02 min
 Lab File: BF104490.D
 Acq: 13 Apr 2018 20:28

Tgt Ion:264 Resp: 148467
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.7 17.5 26.3





#89

Benzo(a)pyrene

Concen: 8.299 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.17 min

Lab File: BF104490.D

Acq: 13 Apr 2018 20:28

Instrument :

BNA_F

ClientSampleId :

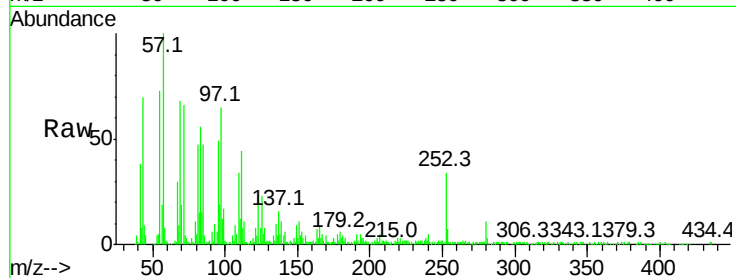
Tot Ion:252 Resp: 69628

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 67.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

