

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104847.D
 Acq On : 26 Apr 2018 19:47
 Operator : JU/SJ
 Sample : J2156-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-C

Quant Time: Apr 27 12:33:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

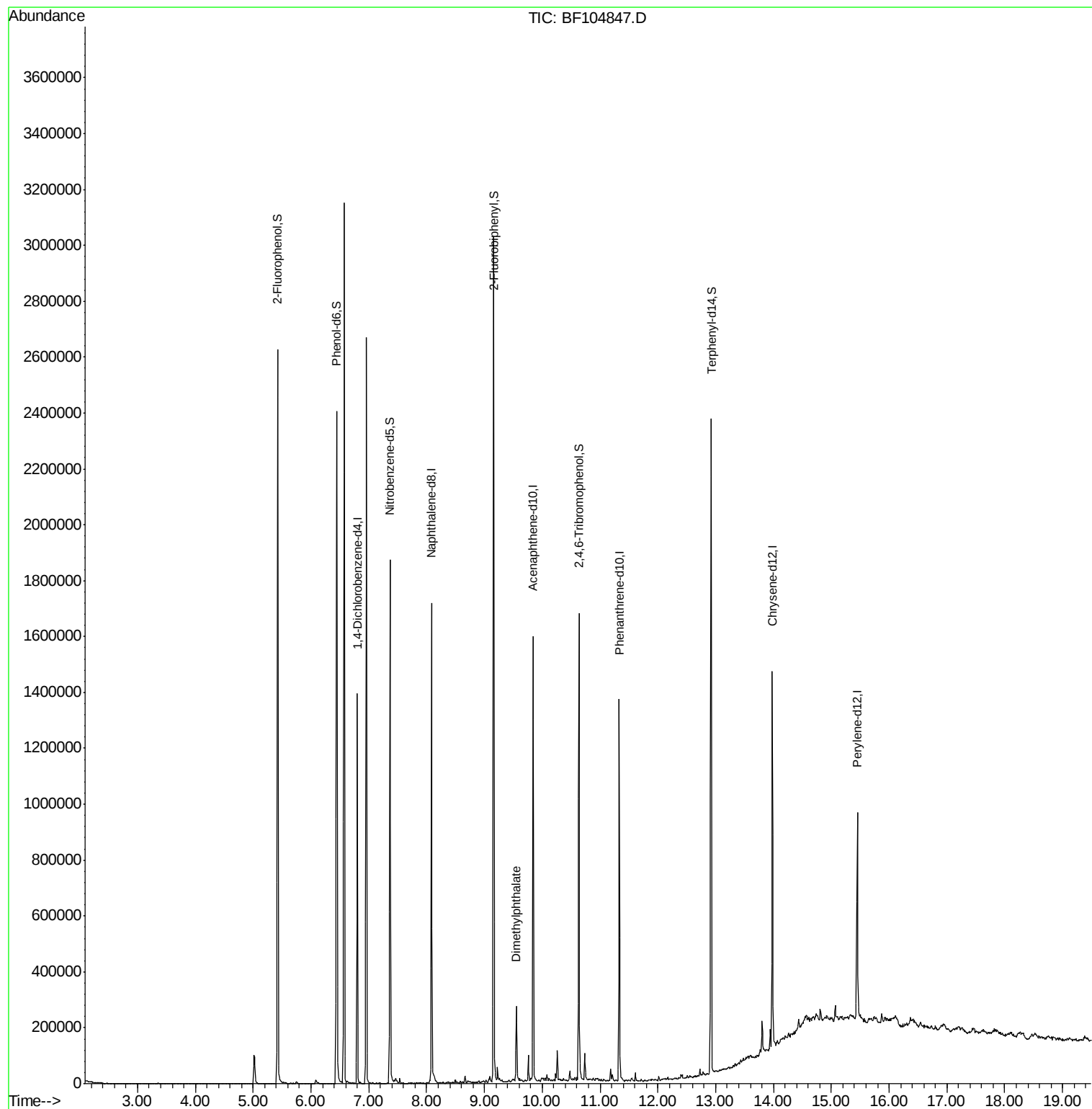
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	208791	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	804200	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	313197	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	494296	20.00	ng	0.00
75) Chrysene-d12	13.98	240	449649	20.00	ng	0.00
86) Perylene-d12	15.45	264	341609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	888169	65.04	ng	0.00
7) Phenol-d6	6.45	99	1076814	64.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	649254	52.72	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	209732	64.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1011753	51.03	ng	0.00
78) Terphenyl-d14	12.92	244	803570	40.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	105849	4.286	ng	99

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

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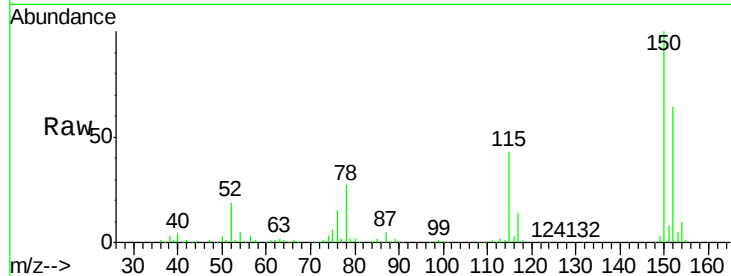


#1

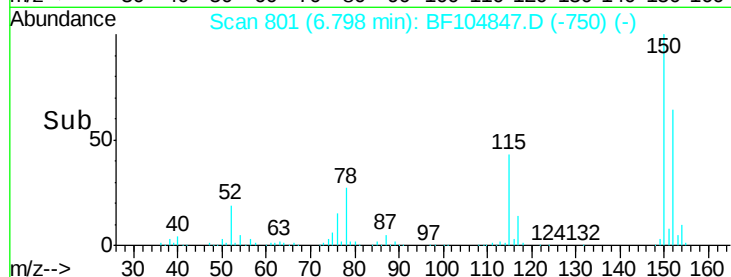
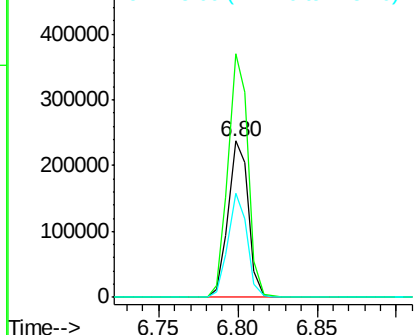
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Instrument :
BNA_F
ClientSampleId :
HR-05-042518-C

Tot Ion:152 Resp: 208791
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 66.3 50.1 75.1



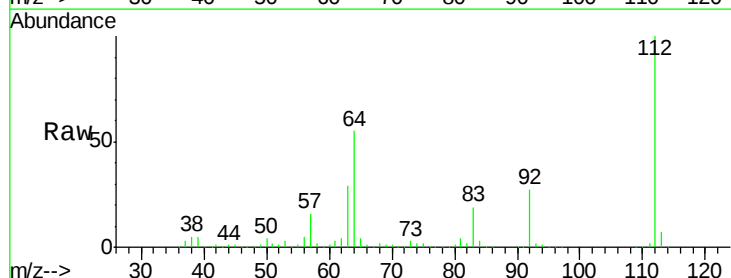
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



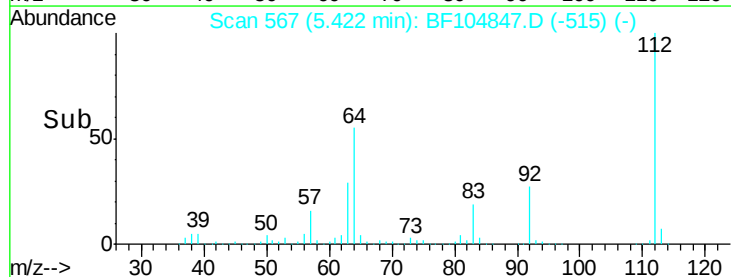
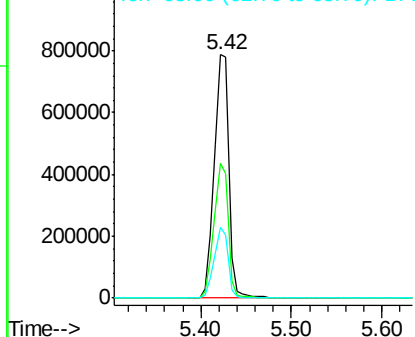
#5

2-Fluorophenol
Concen: 65.044 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Tgt Ion:112 Resp: 888169
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 29.3 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: 64.182 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-C

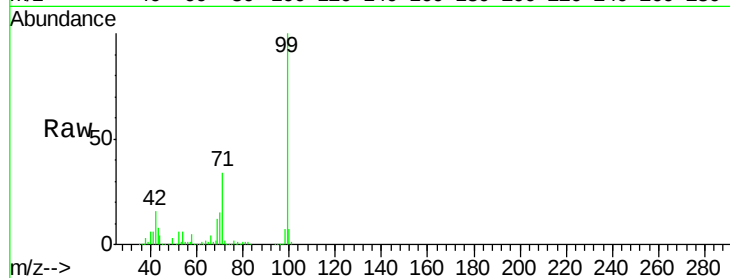
Tot Ion: 99 Resp: 1076814

Ion Ratio Lower Upper

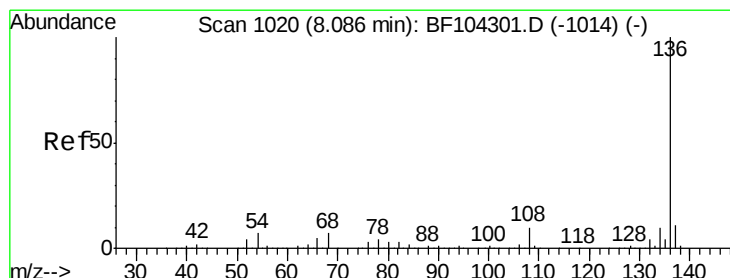
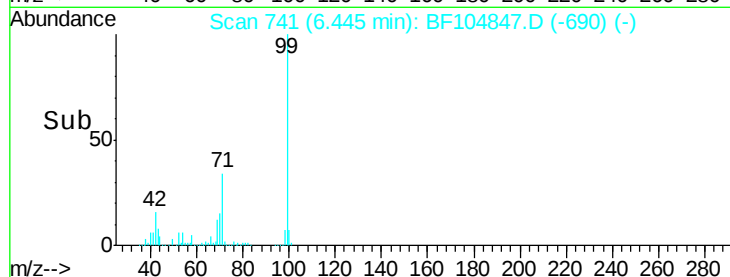
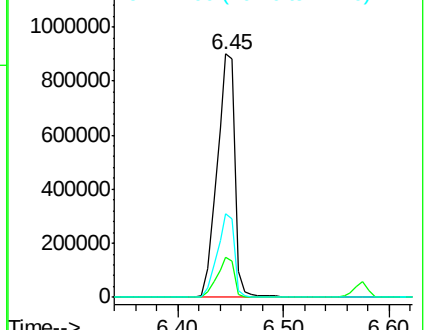
99 100

42 16.2 14.5 21.7

71 34.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

Tgt Ion: 136 Resp: 804200

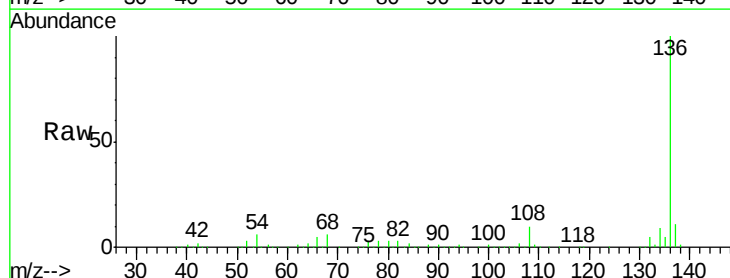
Ion Ratio Lower Upper

136 100

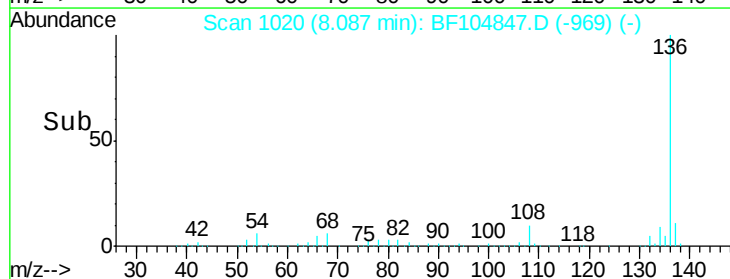
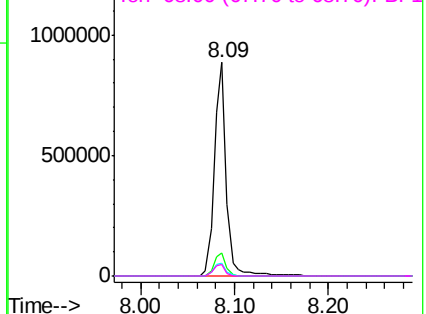
137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 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

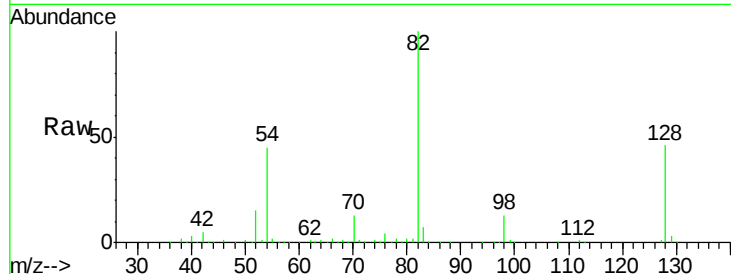




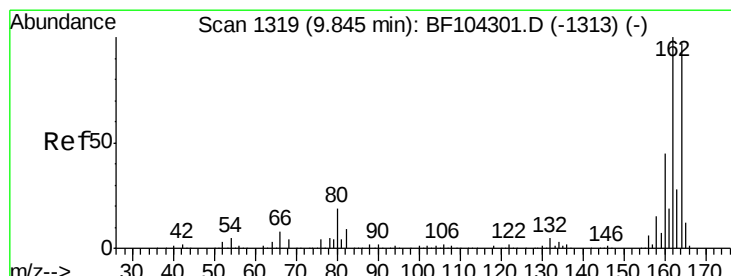
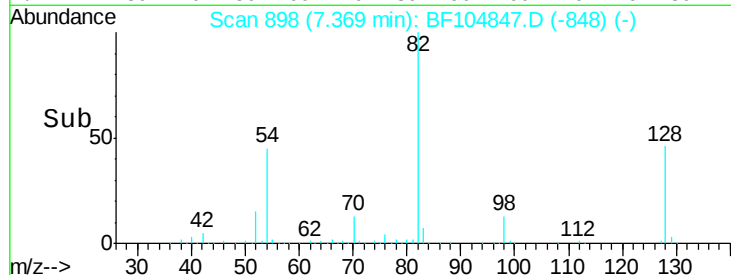
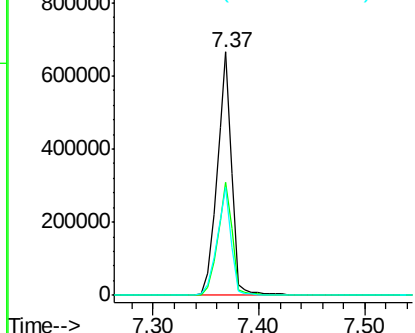
#23
Nitrobenzene-d5
Concen: 52.717 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Instrument :
BNA_F
ClientSampleId :
HR-05-042518-C

Tot Ion	82	Resp	649254
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	44.5	41.4	62.2

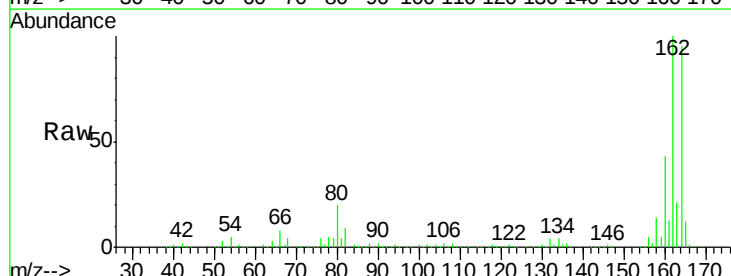


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

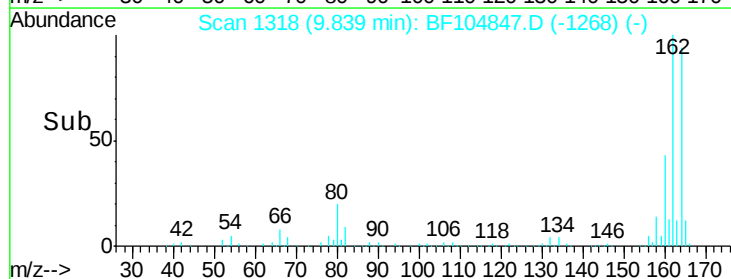
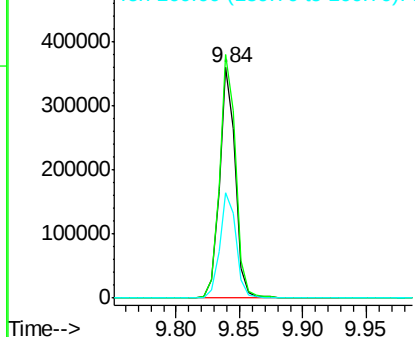


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Tgt Ion	164	Resp	313197
Ion Ratio	100	Lower	Upper
162	105.6	86.1	129.1
160	45.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

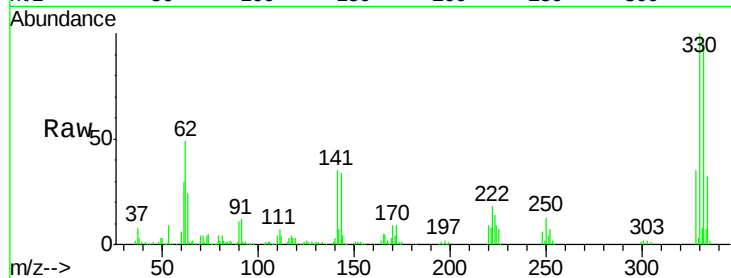




#41
 2,4,6-Tribromophenol
 Concen: 64.555 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-042518-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.3	29.9	44.9

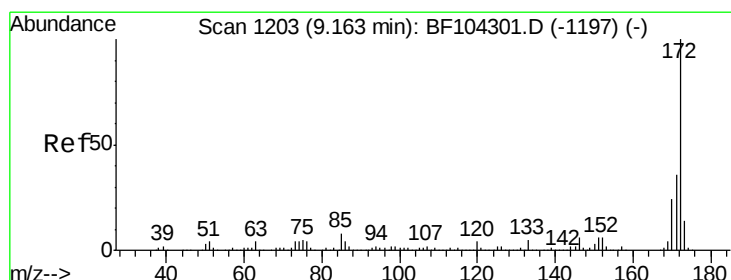
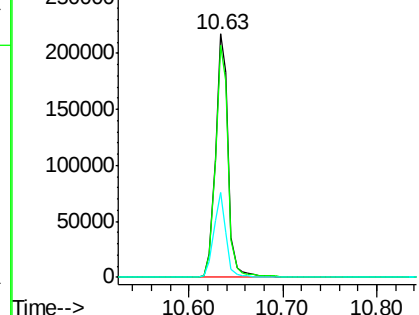
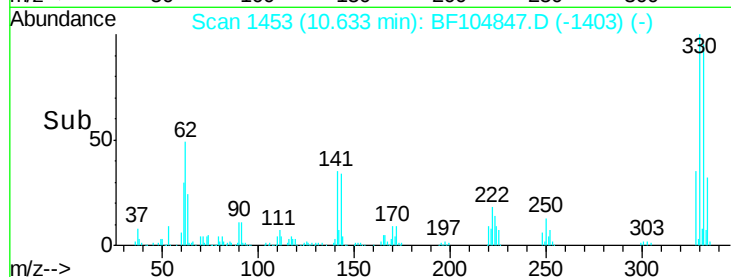


Abundance

Ion 329.80 (329.50 to 330.50): E

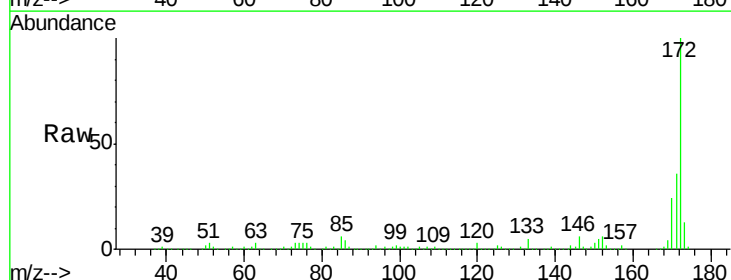
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 51.032 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104847.D
 Acq: 26 Apr 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

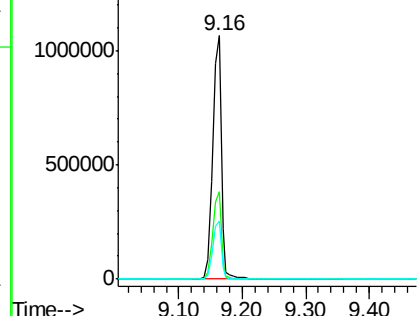
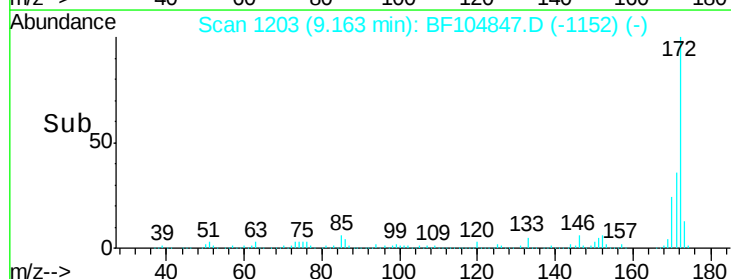


Abundance

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

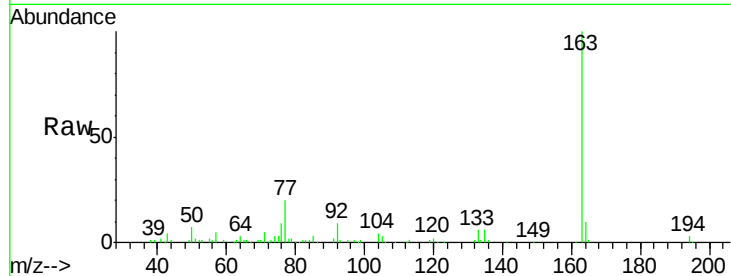




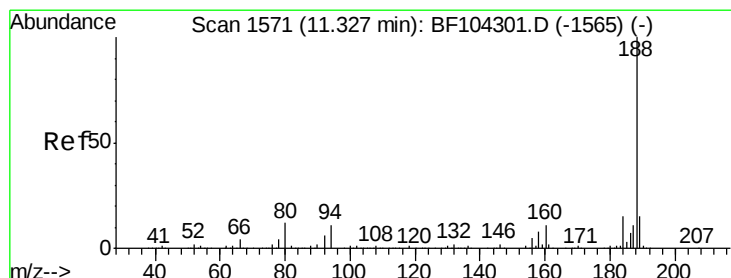
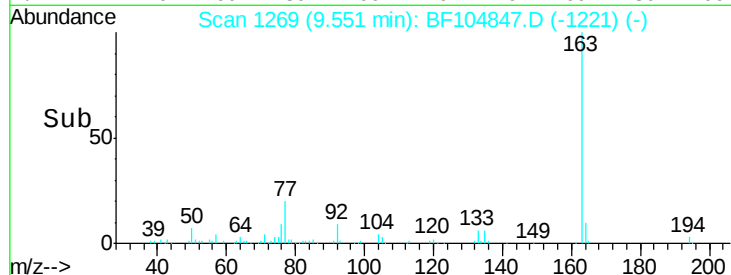
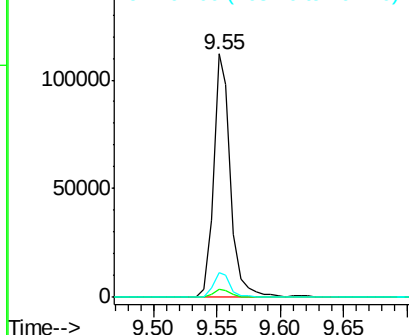
#49
Dimethylphthalate
Concen: 4.286 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Instrument :
BNA_F
ClientSampleId :
HR-05-042518-C

Tot Ion:163 Resp: 105849
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

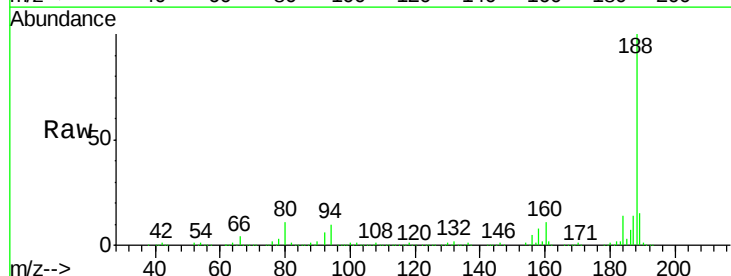


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

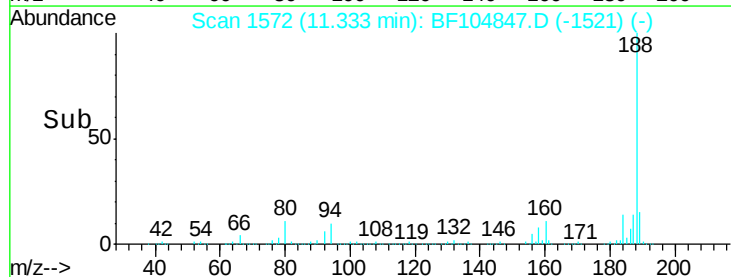
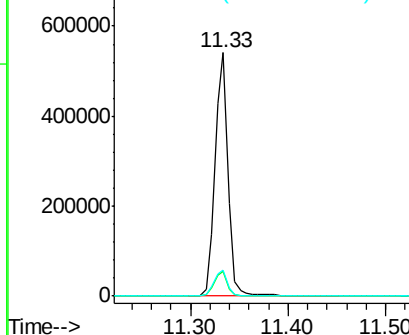


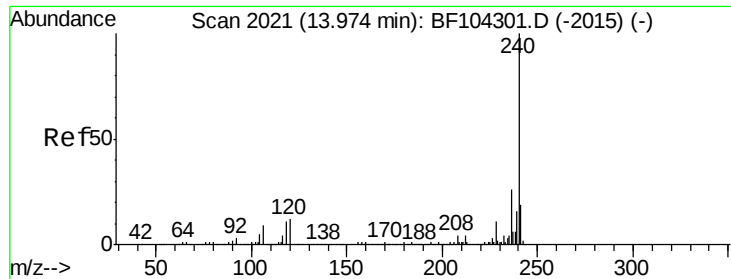
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Tgt Ion:188 Resp: 494296
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

Instrument :

BNA_F

ClientSampleId :

HR-05-042518-C

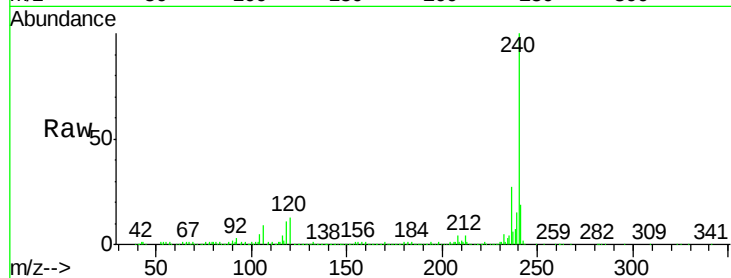
Tot Ion:240 Resp: 449649

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

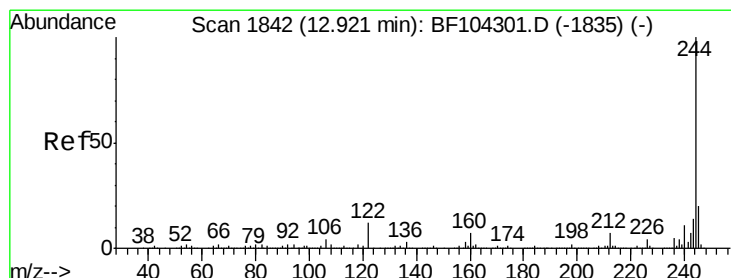
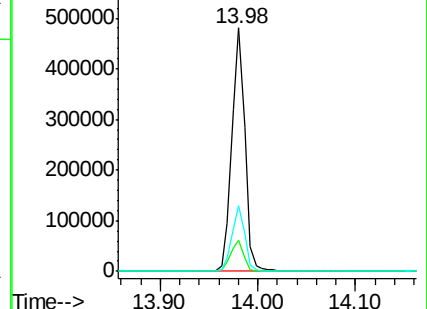
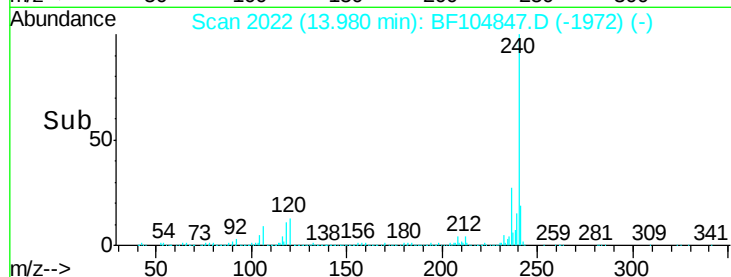
236 26.9 20.7 31.1



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: 40.743 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104847.D

Acq: 26 Apr 2018 19:47

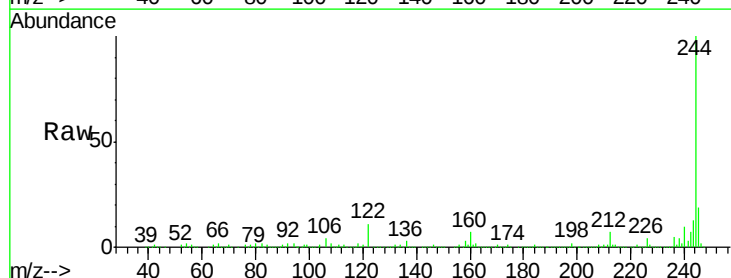
Tgt Ion:244 Resp: 803570

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

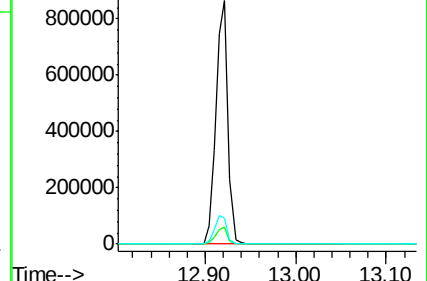
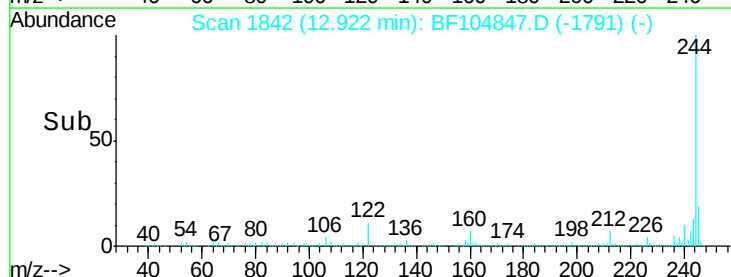
122 10.8 11.0 16.4#

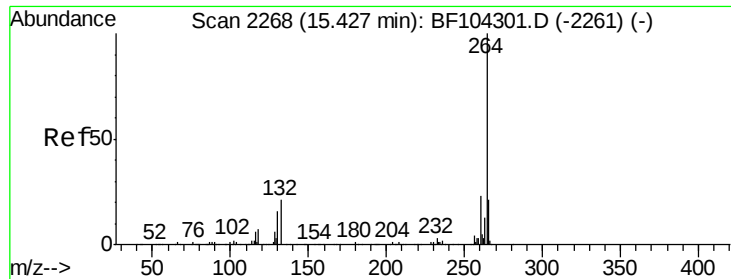


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

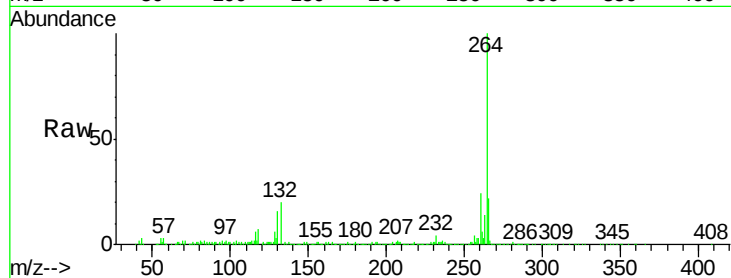




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104847.D
Acq: 26 Apr 2018 19:47

Instrument :
BNA_F
ClientSampleId :
HR-05-042518-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	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

