

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104582.D
 Acq On : 18 Apr 2018 00:34
 Operator : JU/SJ
 Sample : J2387-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180242-COMPOSITE-D

Quant Time: Apr 18 03:08:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

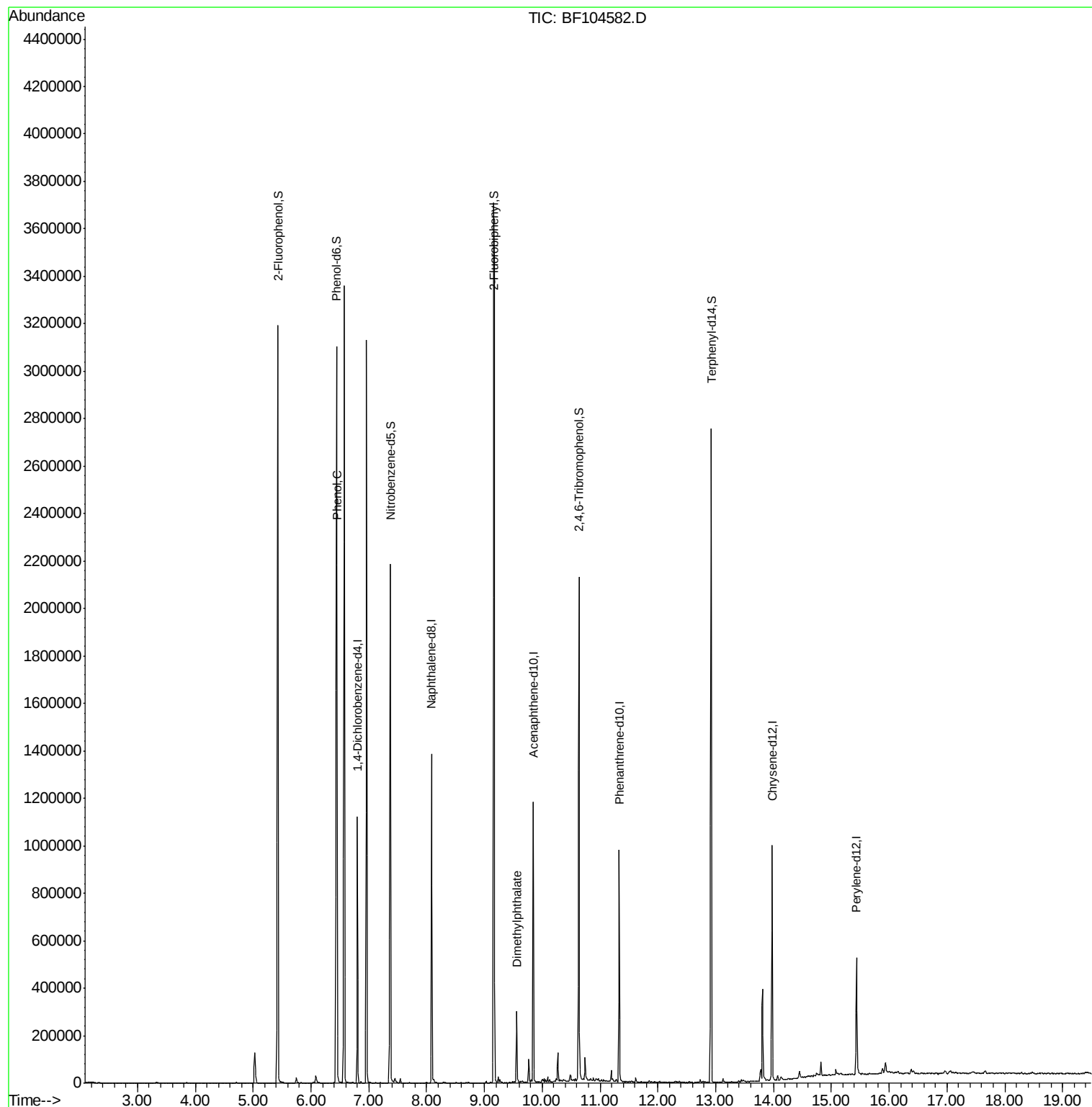
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149433	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	591902	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	240371	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	371603	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305097	20.00	ng	0.00
86) Perylene-d12	15.44	264	214416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1102808	112.84	ng	0.01
7) Phenol-d6	6.45	99	1386483	115.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	853071	94.11	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	271746	108.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1258526	82.71	ng	0.00
78) Terphenyl-d14	12.92	244	946143	70.70	ng	0.00
Target Compounds						
10) Phenol	6.46	94	28729	2.255	ng	95
49) Dimethylphthalate	9.56	163	110216	5.815	ng	99

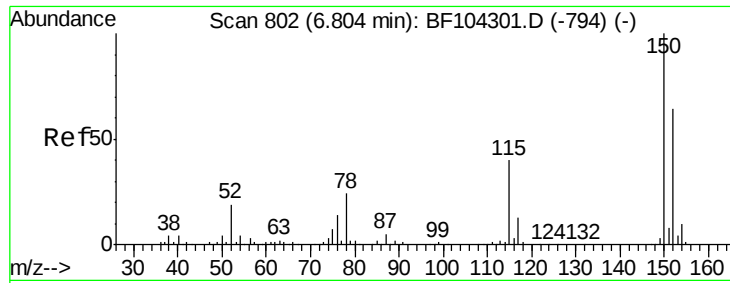
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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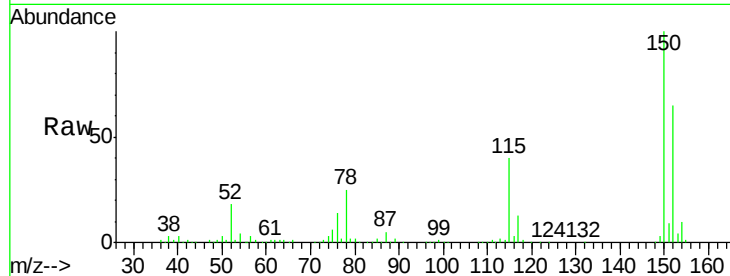


#1

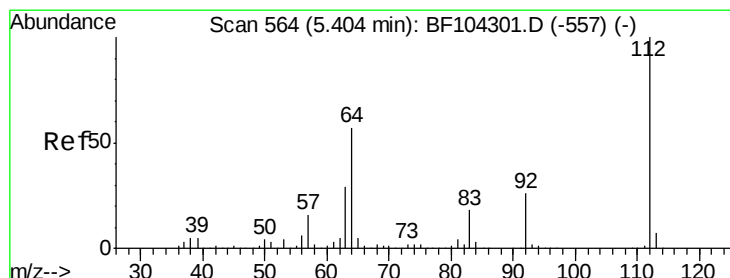
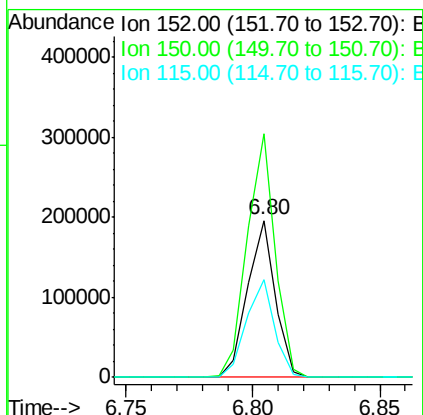
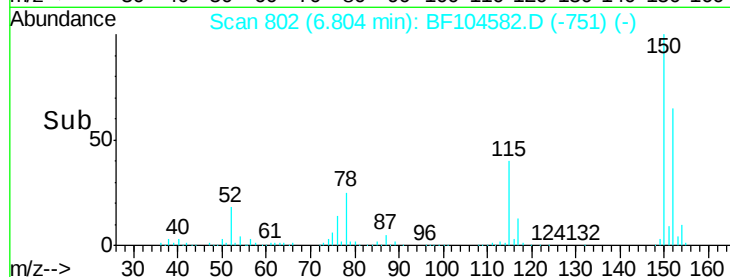
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104582.D
 Acq: 18 Apr 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 20180242-COMPOSITE-D

Tot Ion:152 Resp: 149433
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 62.2 50.1 75.1



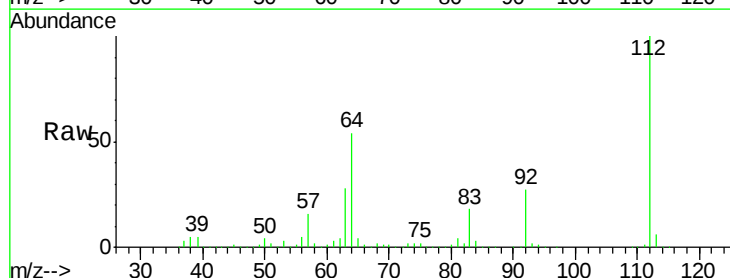
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



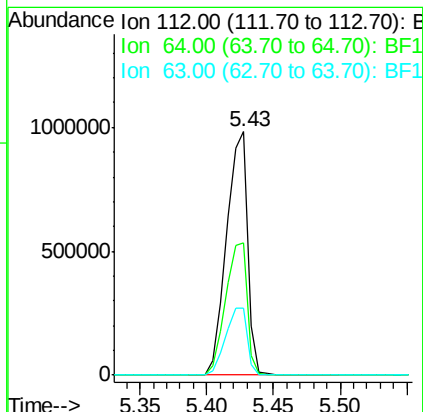
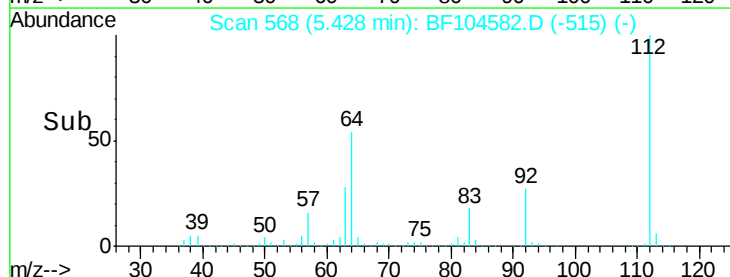
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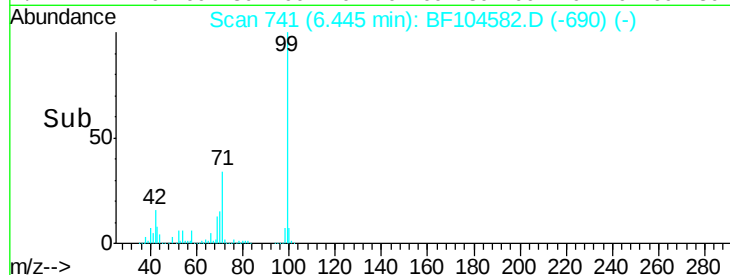
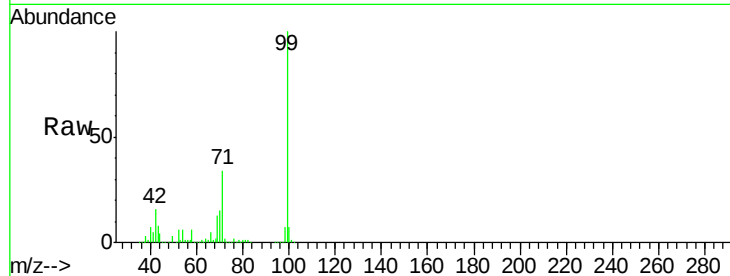
2-Fluorophenol
 Concen: 112.844 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104582.D
 Acq: 18 Apr 2018 00:34

Tgt Ion:112 Resp: 1102808
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.9 71.9
 63 27.5 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: 115.466 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104582.D

Acq: 18 Apr 2018 00:34

Instrument :

BNA_F

ClientSampleId :

20180242-COMPOSITE-D

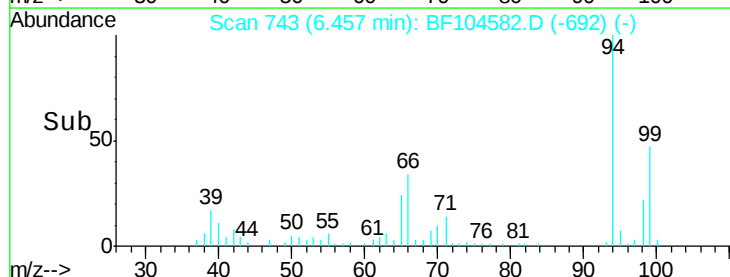
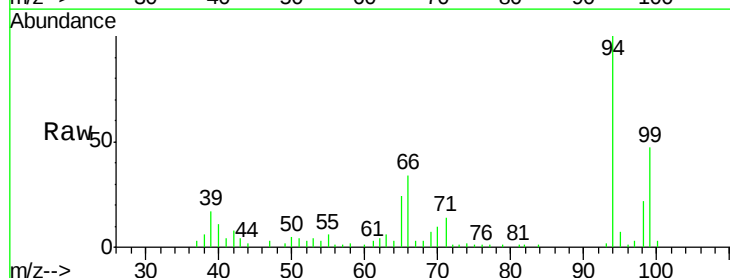
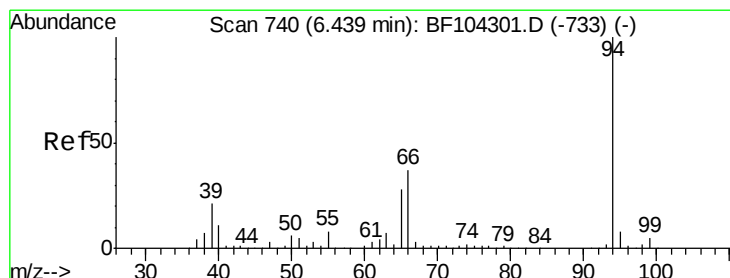
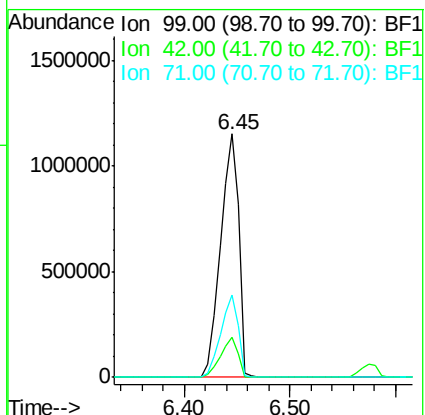
Tot Ion: 99 Resp: 1386483

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 2.255 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF104582.D

Acq: 18 Apr 2018 00:34

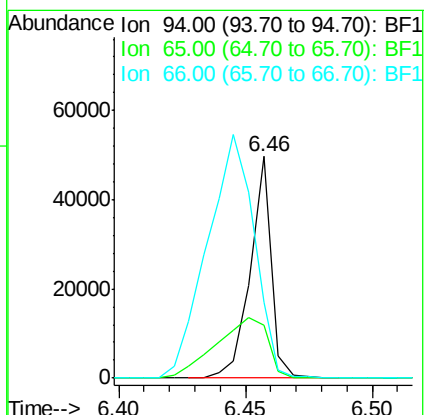
Tgt Ion: 94 Resp: 28729

Ion Ratio Lower Upper

94 100

65 23.6 7.9 47.9

66 34.3 16.2 56.2

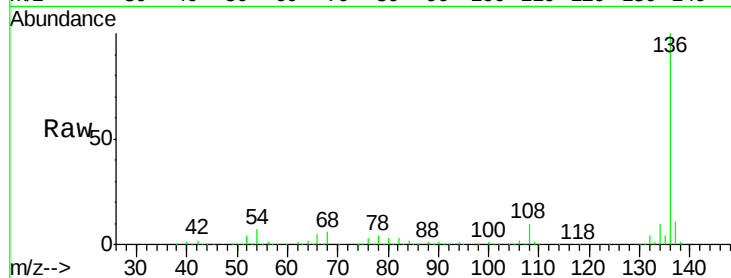




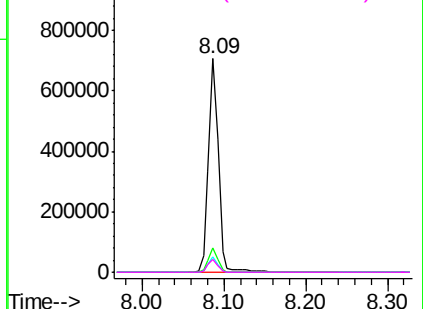
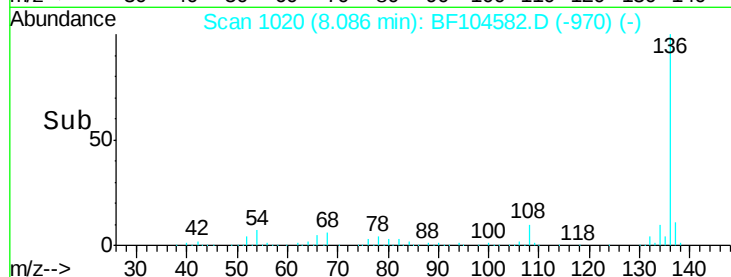
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :
20180242-COMPOSITE-D

Tot Ion:136	Resp:	591902
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.9	6.6 9.8
68	6.2	5.0 7.4

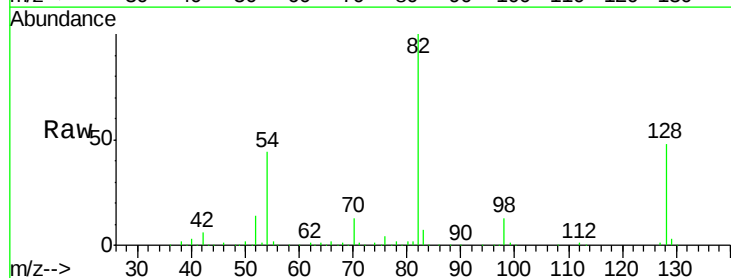


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

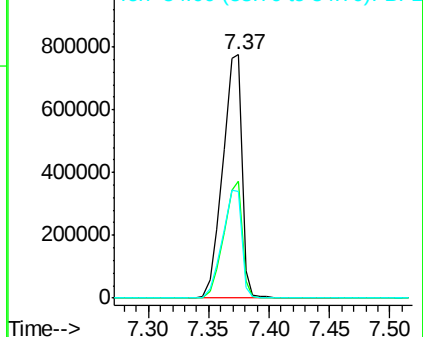
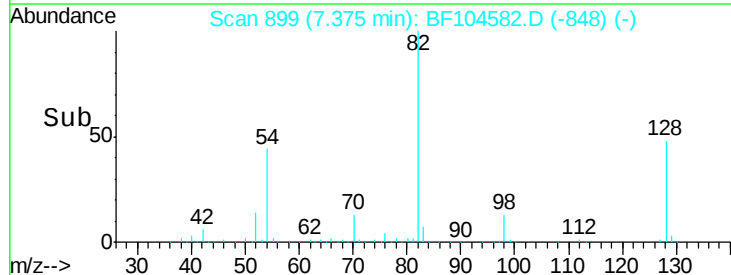


#23
Nitrobenzene-d5
Concen: 94.110 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion: 82	Resp:	853071
Ion Ratio	Lower	Upper
82	100	
128	48.0	36.1 54.1
54	43.8	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

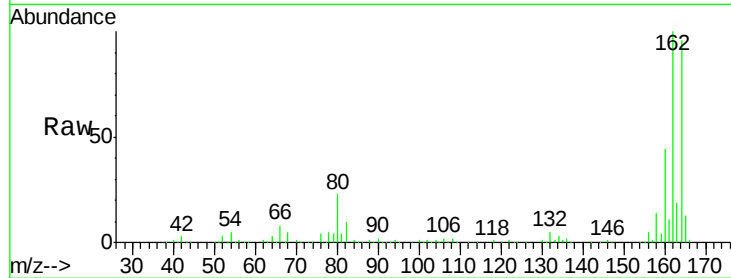




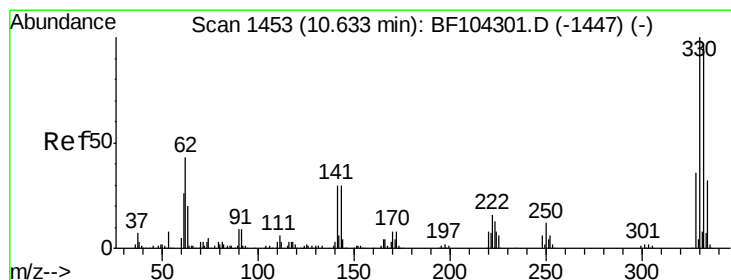
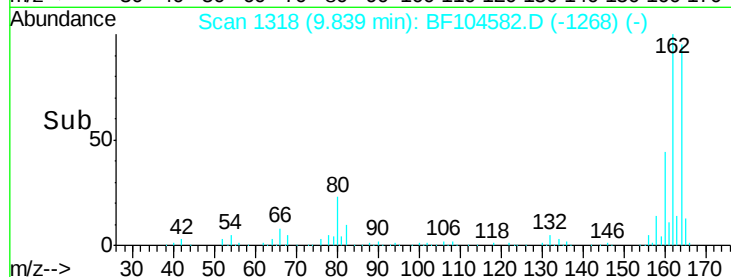
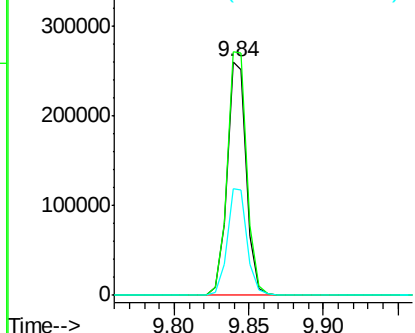
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :
20180242-COMPOSITE-D

Tot Ion:164 Resp: 240371
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.6 38.3 57.5

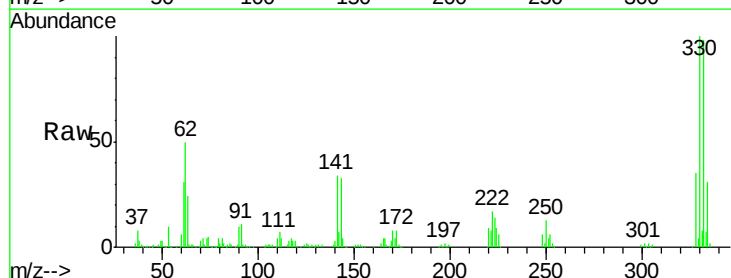


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

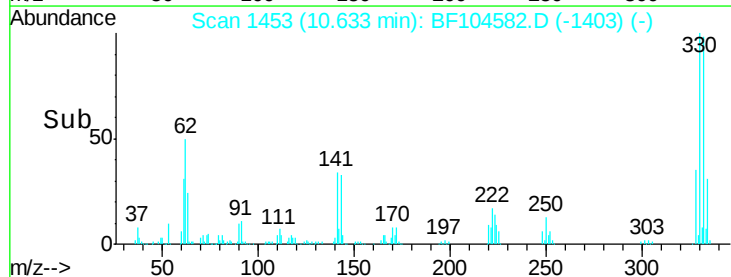
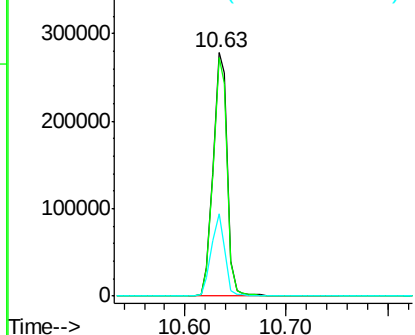


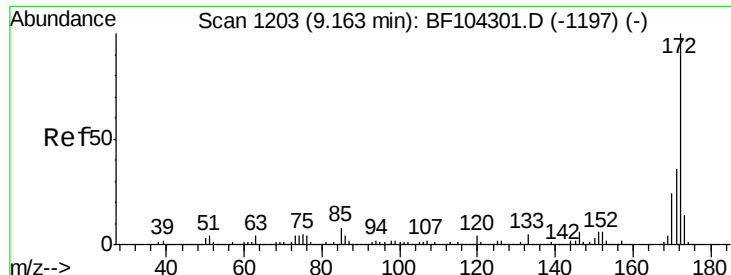
#41
2,4,6-Tribromophenol
Concen: 108.985 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:330 Resp: 271746
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 32.1 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

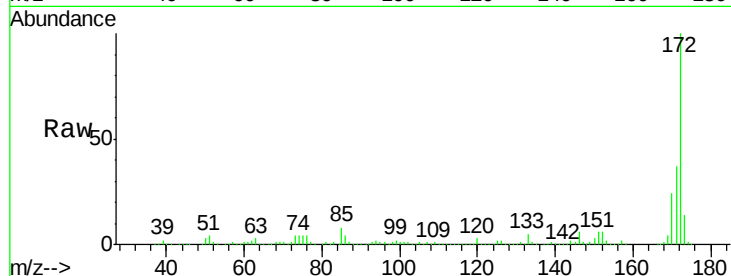




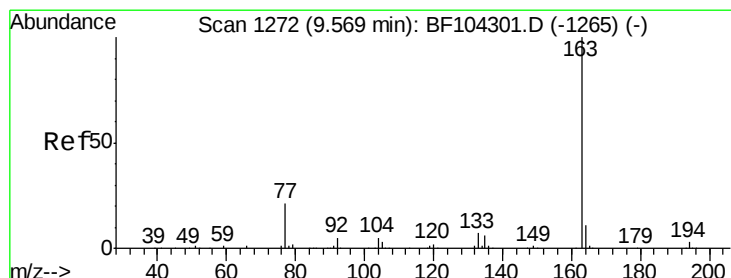
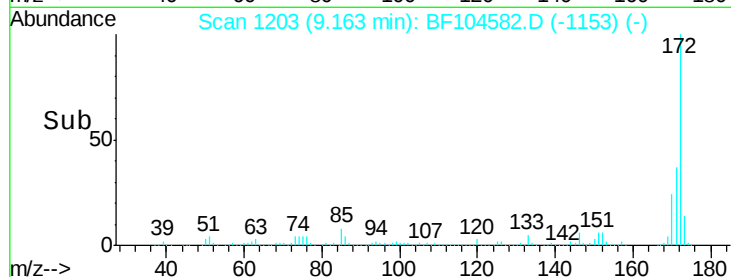
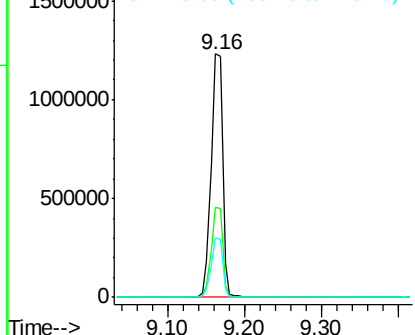
#44
2-Fluorobiphenyl
Concen: 82.712 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :
20180242-COMPOSITE-D

Tot Ion:172 Resp: 1258526
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.2 19.6 29.4

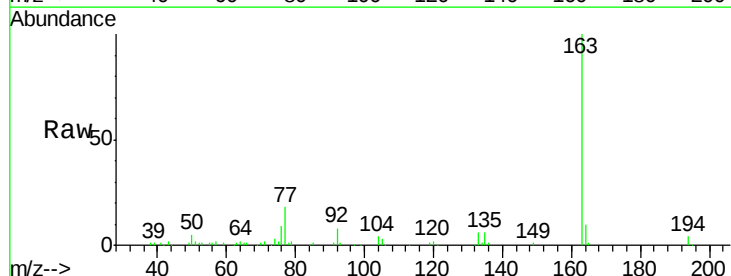


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

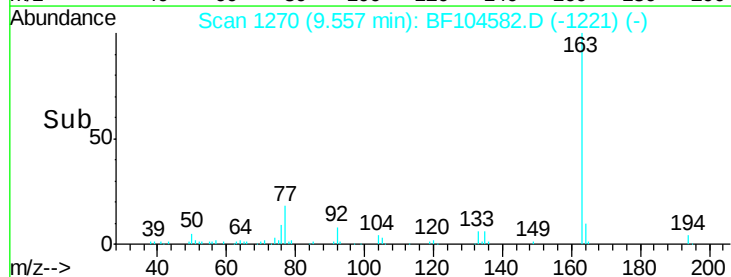
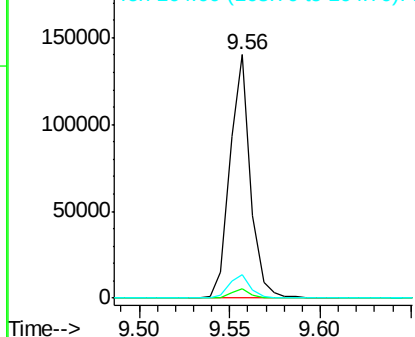


#49
Dimethylphthalate
Concen: 5.815 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:163 Resp: 110216
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 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

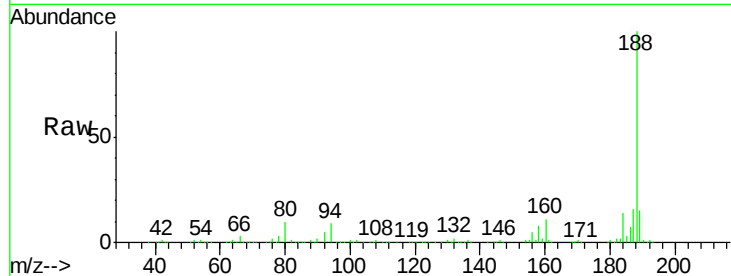




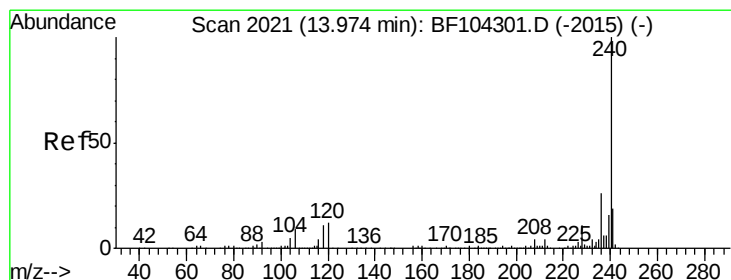
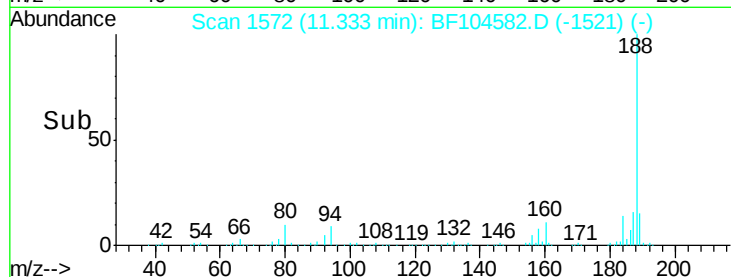
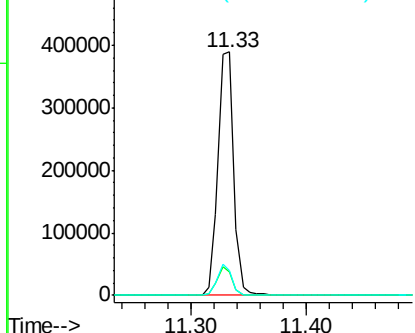
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Instrument :
BNA_F
ClientSampleId :
20180242-COMPOSITE-D

Tot Ion:188 Resp: 371603
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8

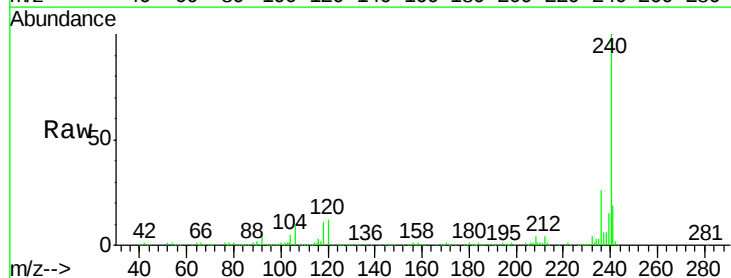


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

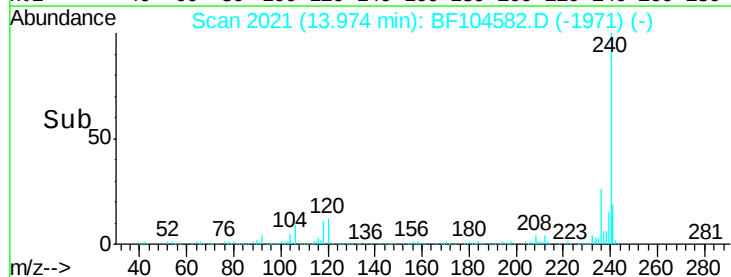
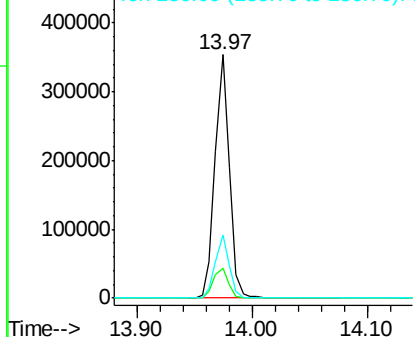


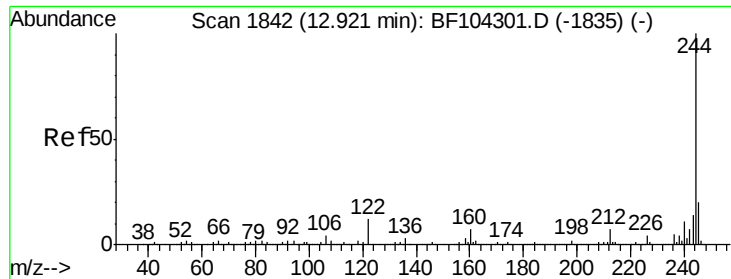
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104582.D
Acq: 18 Apr 2018 00:34

Tgt Ion:240 Resp: 305097
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.7 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

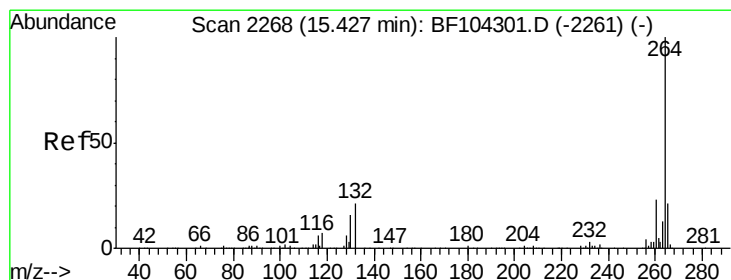
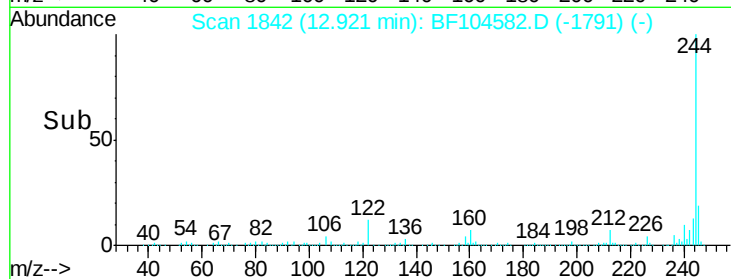
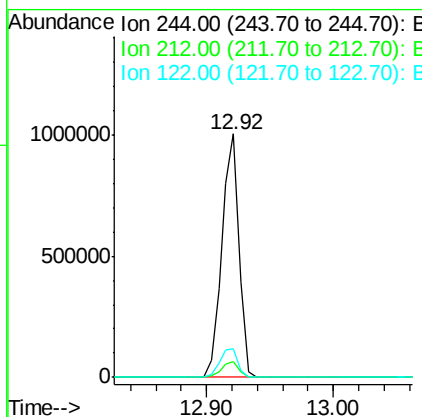
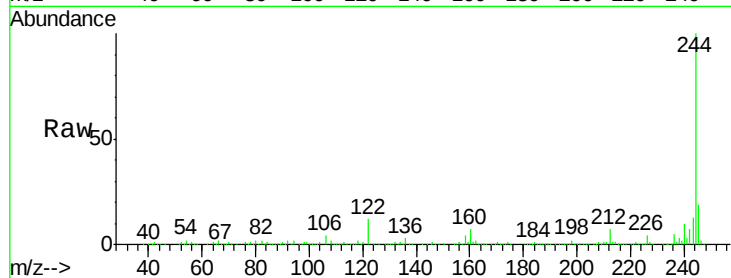




#78
 Terphenyl-d14
 Concen: 70.700 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104582.D
 Acq: 18 Apr 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :
 20180242-COMPOSITE-D

Tot Ion:244 Resp: 946143
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104582.D
 Acq: 18 Apr 2018 00:34

Tgt Ion:264 Resp: 214416
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 17.5 26.3

