

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104373.D
 Acq On : 9 Apr 2018 15:44
 Operator : JU/SJ
 Sample : J2104-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180220-COMPOSITE-A

Quant Time: Apr 10 02:01:00 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

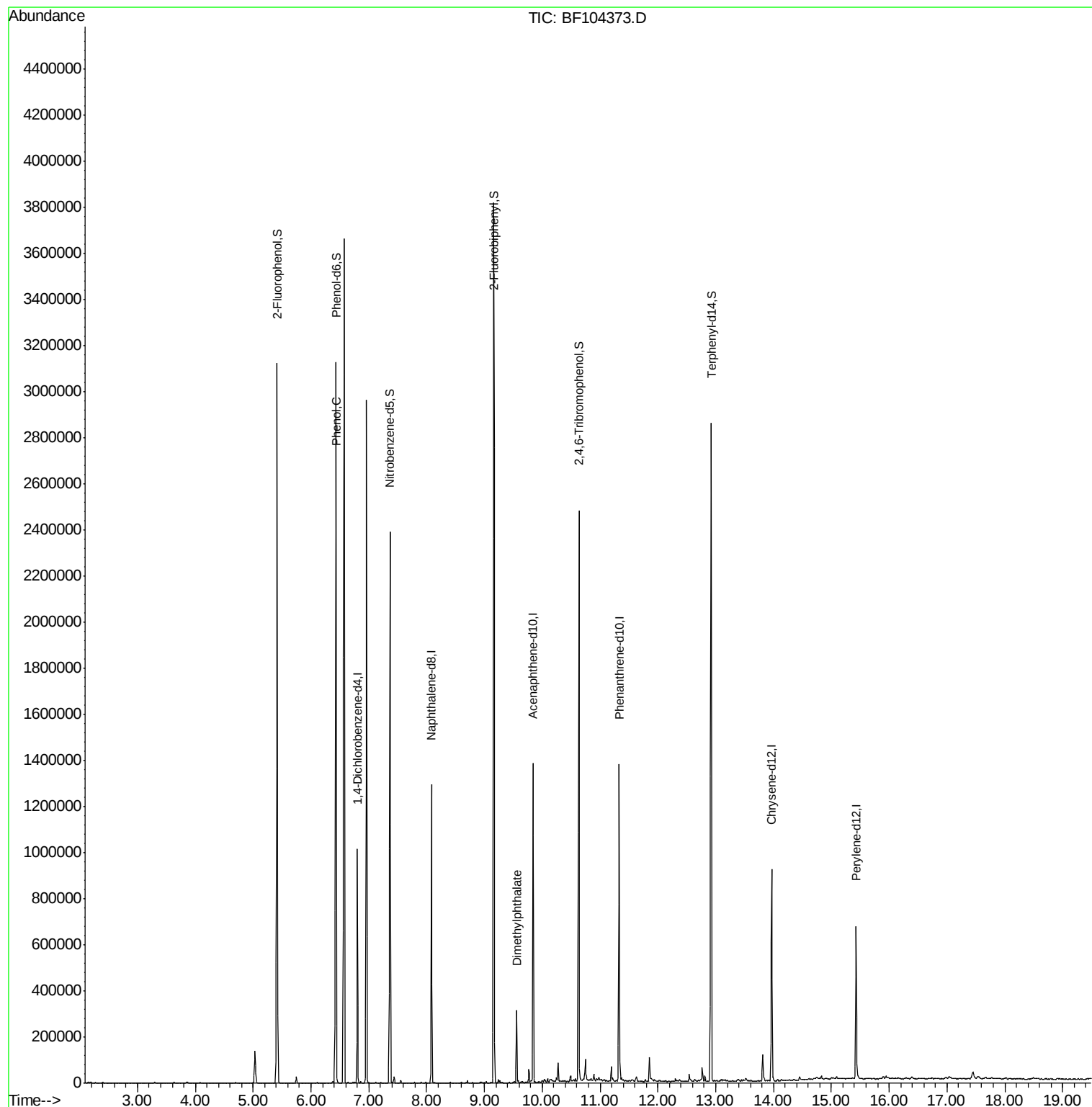
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140727	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571122	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	259014	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	440834	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273927	20.00	ng	0.00
86) Perylene-d12	15.43	264	291824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1141537	124.03	ng	0.02
7) Phenol-d6	6.43	99	1417404	125.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	845243	96.64	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	327121	121.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1236642	75.42	ng	0.00
78) Terphenyl-d14	12.92	244	998823	83.13	ng	0.00
Target Compounds						
10) Phenol	6.45	94	34645	2.887	ng	93
49) Dimethylphthalate	9.56	163	117324	5.744	ng	99

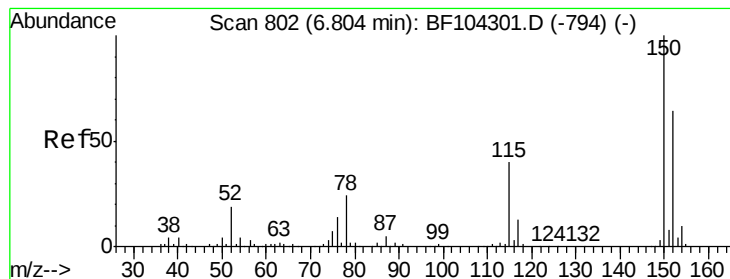
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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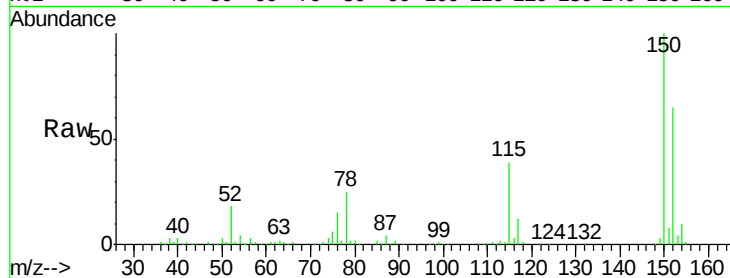


#1

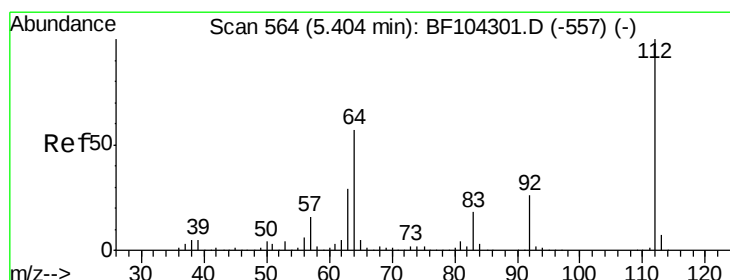
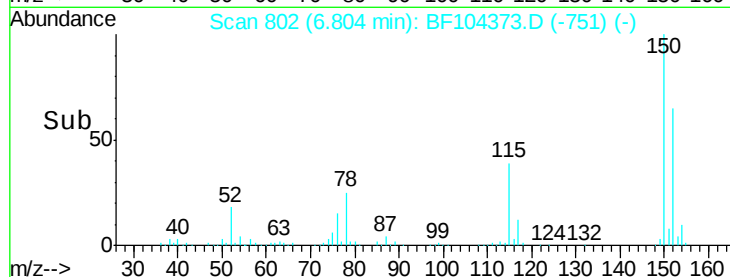
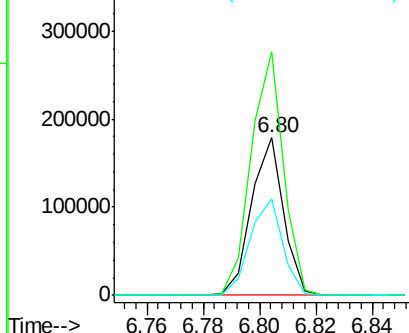
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Instrument :
BNA_F
ClientSampleId :
20180220-COMPOSITE-A

Tot Ion:152 Resp: 140727
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.8 50.1 75.1



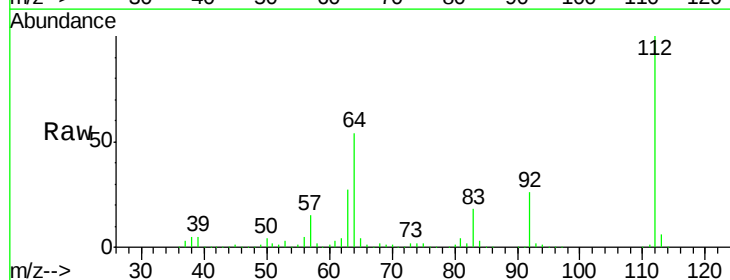
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



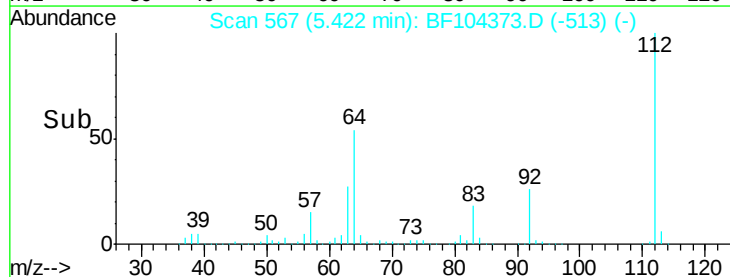
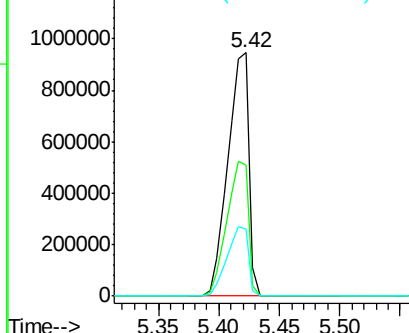
#5

2-Fluorophenol
Concen: 124.033 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Tgt Ion:112 Resp: 1141537
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.3 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: 125.344 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104373.D

Acq: 9 Apr 2018 15:44

Instrument :

BNA_F

ClientSampleId :

20180220-COMPOSITE-A

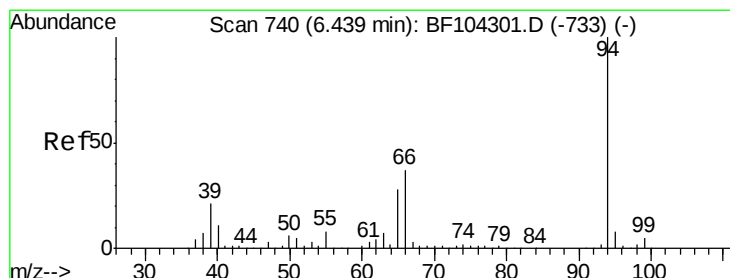
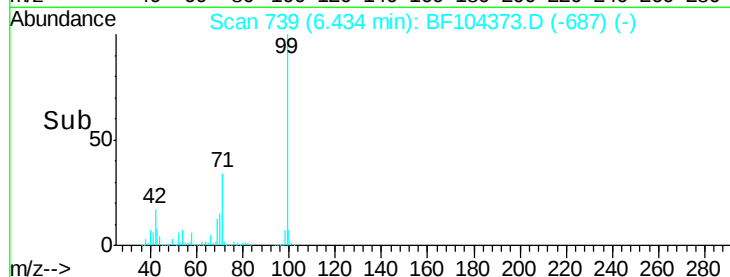
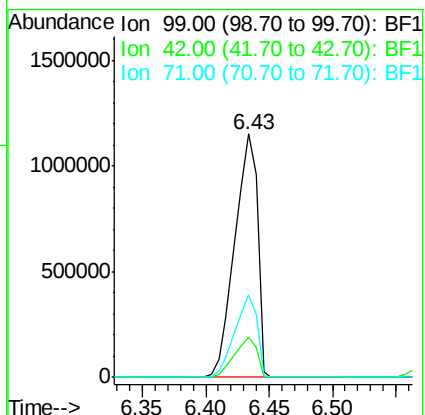
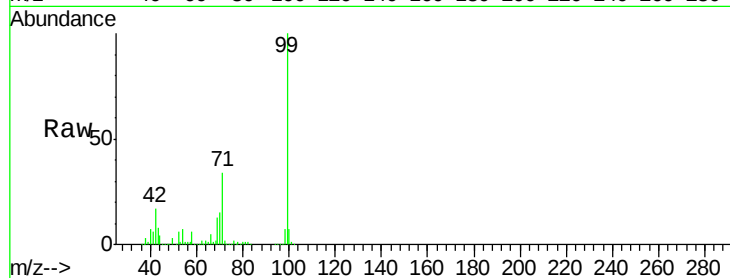
Tot Ion: 99 Resp: 1417404

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

71 34.0 25.4 38.0



#10

Phenol

Concen: 2.887 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104373.D

Acq: 9 Apr 2018 15:44

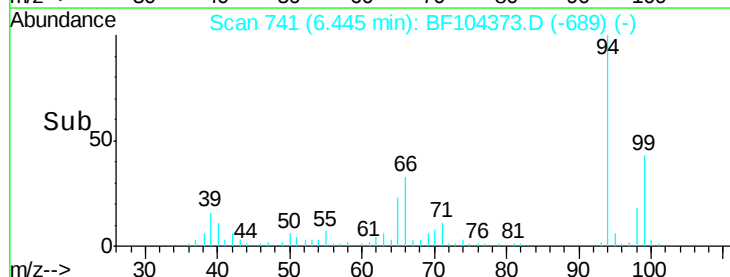
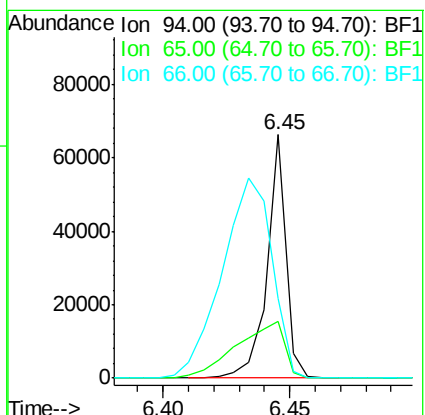
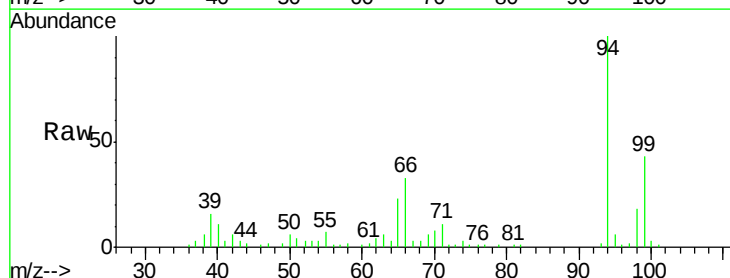
Tgt Ion: 94 Resp: 34645

Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

66 32.8 16.2 56.2

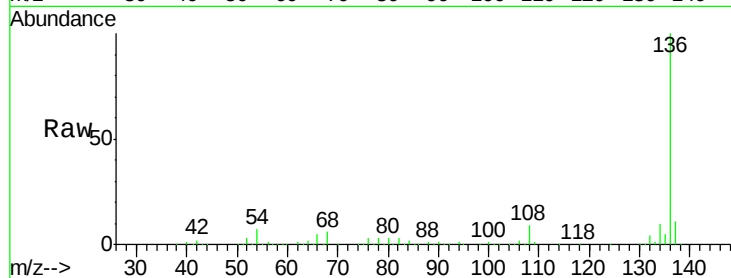




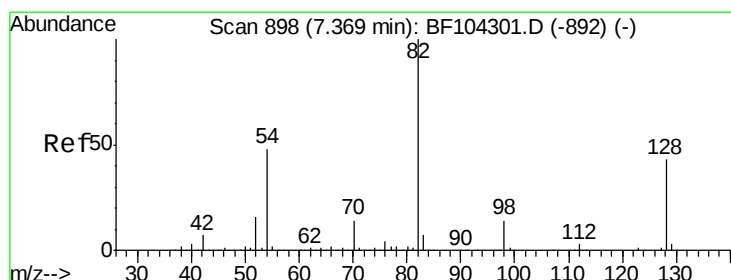
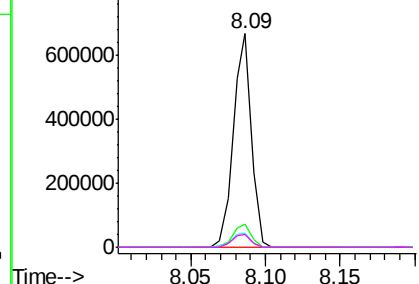
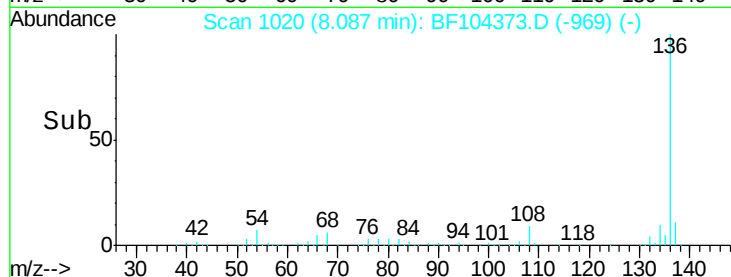
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Instrument :
BNA_F
ClientSampleId :
20180220-COMPOSITE-A

Tot Ion:136 Resp: 571122
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4

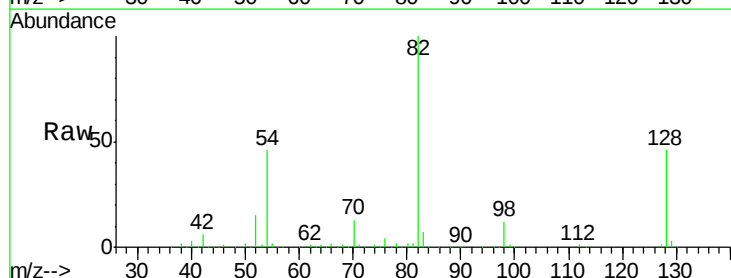


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

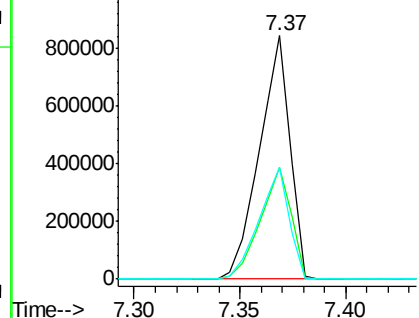
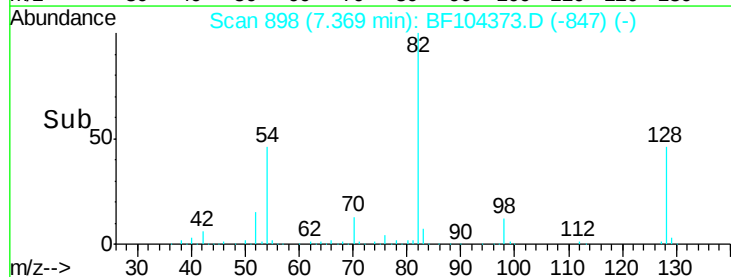


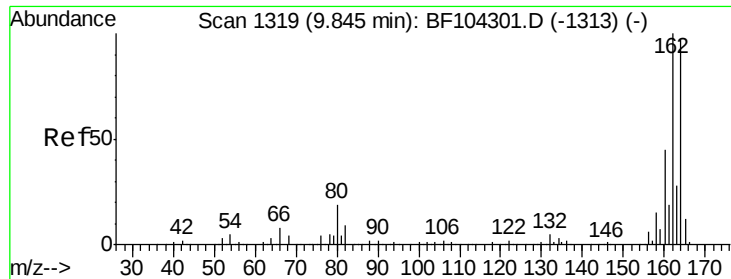
#23
Nitrobenzene-d5
Concen: 96.639 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Tgt Ion: 82 Resp: 845243
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 45.7 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

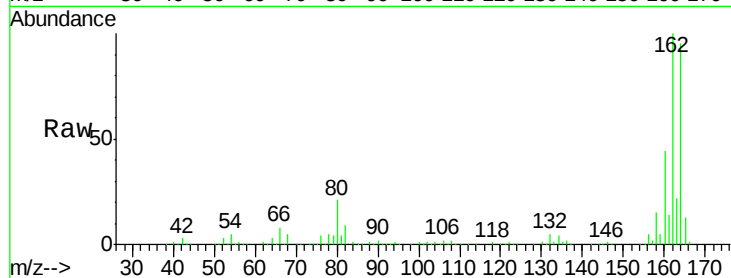




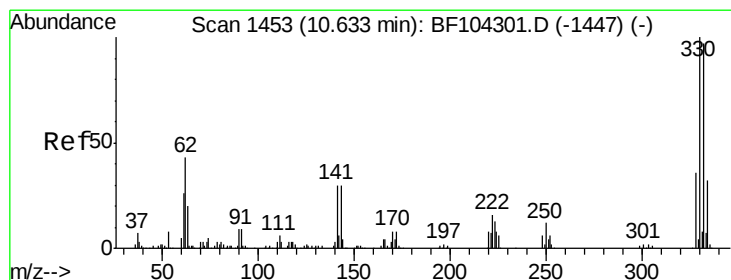
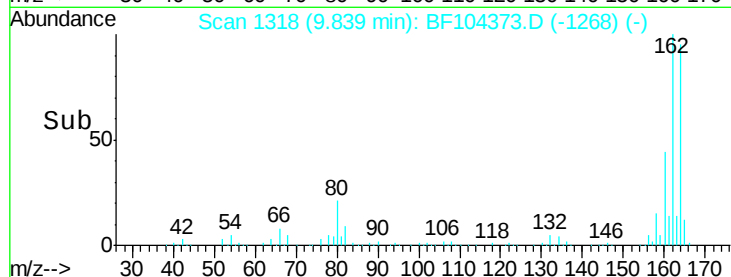
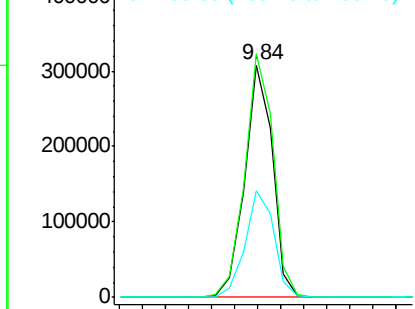
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Instrument :
BNA_F
ClientSampleId :
20180220-COMPOSITE-A

Tot Ion:164 Resp: 259014
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 45.9 38.3 57.5

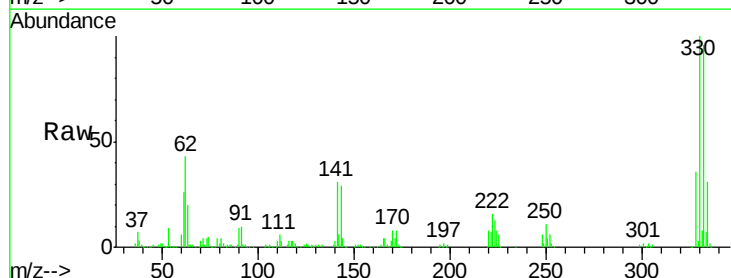


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

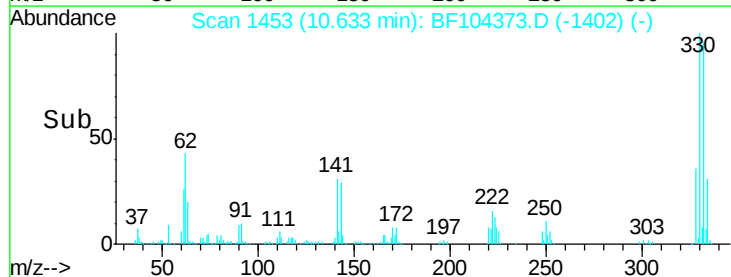
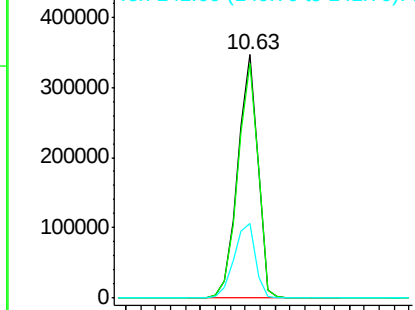


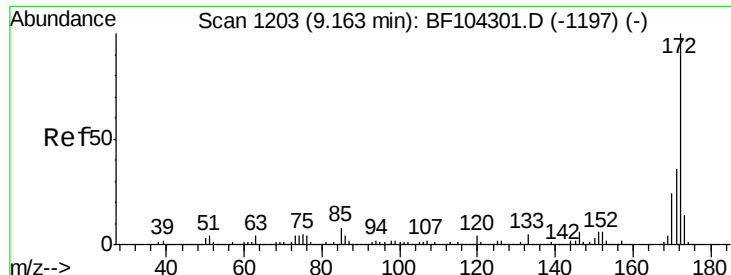
#41
2,4,6-Tribromophenol
Concen: 121.750 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Tgt Ion:330 Resp: 327121
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 32.8 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

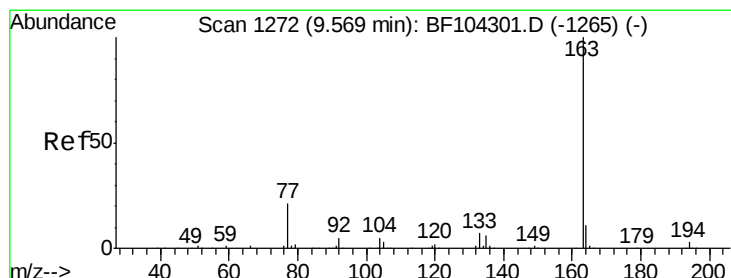
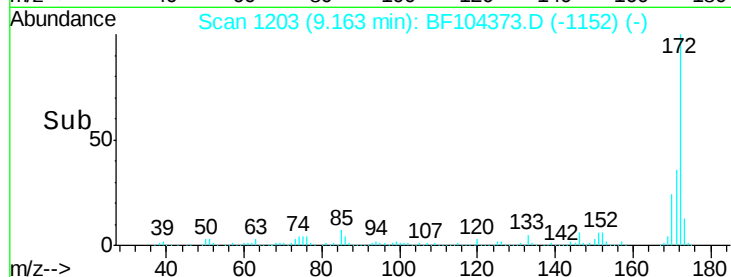
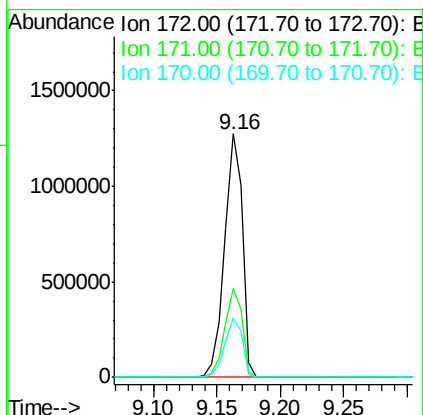
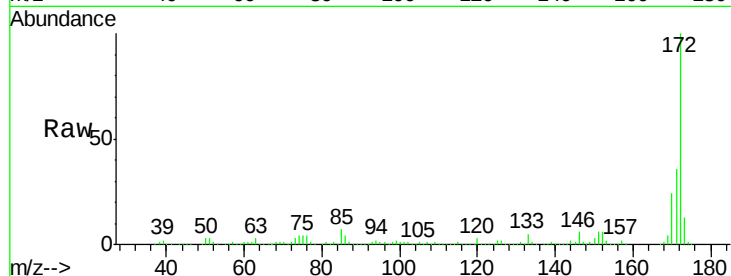




#44
2-Fluorobiphenyl
Concen: 75.424 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

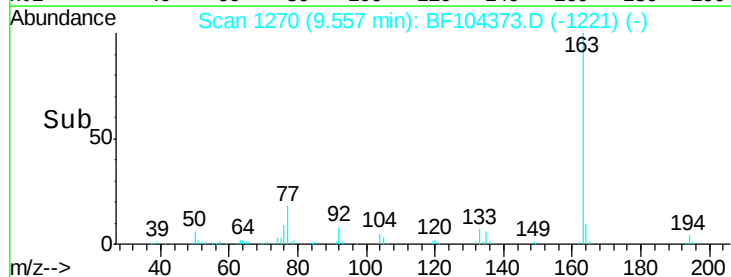
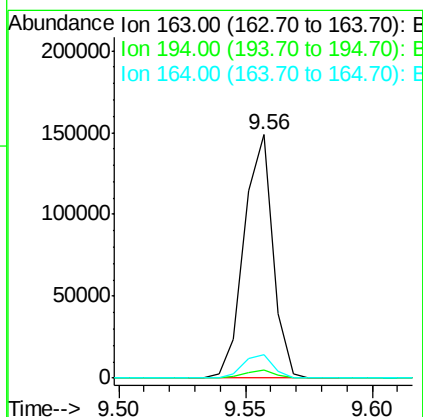
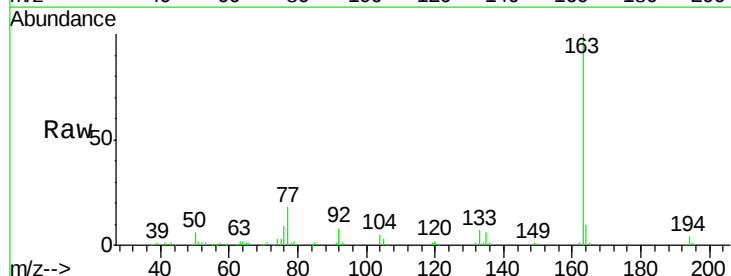
Instrument :
BNA_F
ClientSampleId :
20180220-COMPOSITE-A

Tot Ion:172 Resp: 1236642
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 5.744 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Tgt Ion:163 Resp: 117324
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2

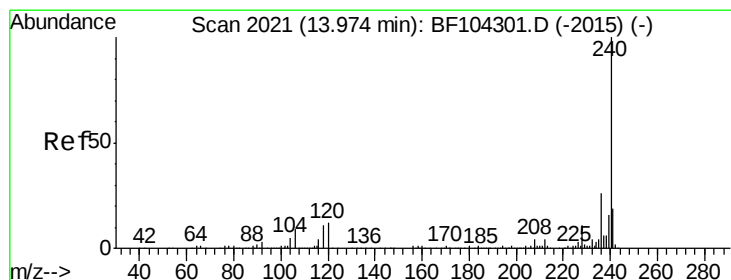
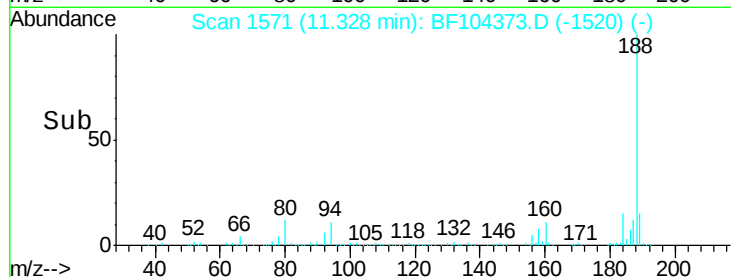
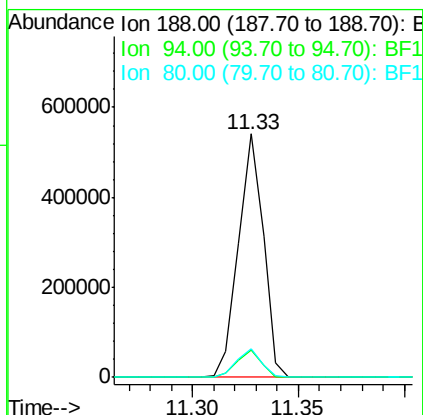
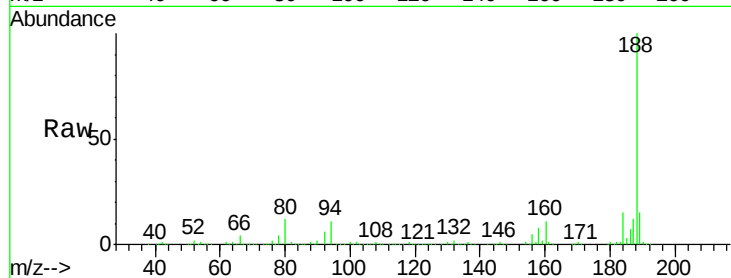




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

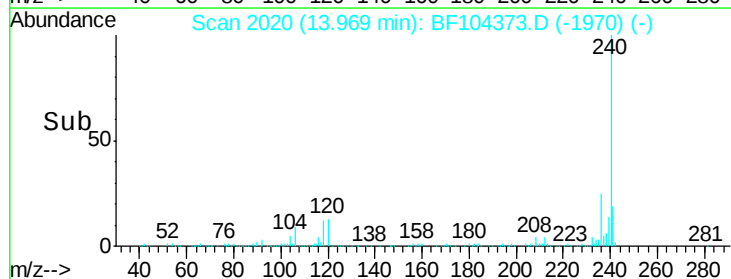
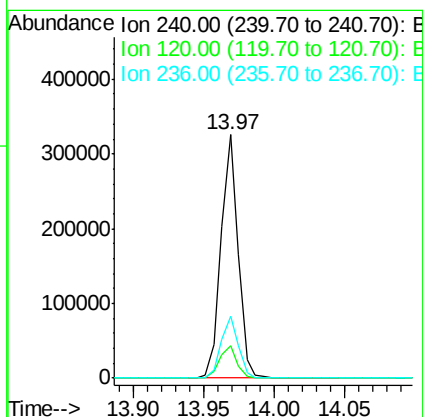
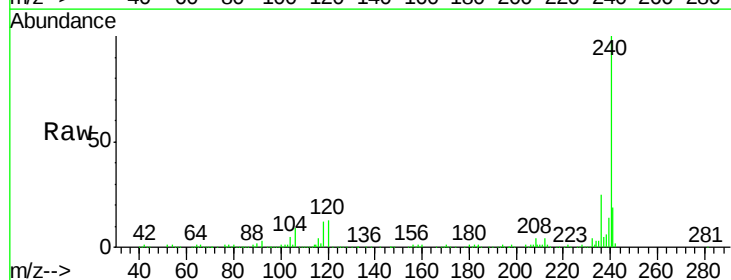
Instrument :
BNA_F
ClientSampleId :
20180220-COMPOSITE-A

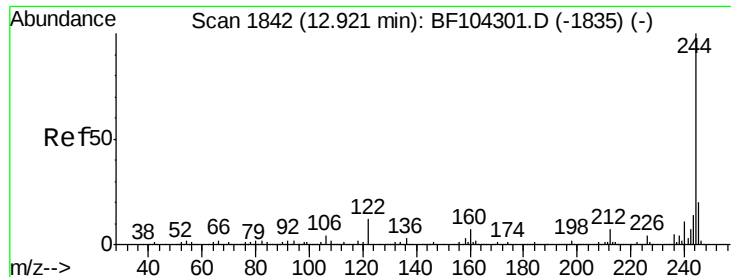
Tot Ion:188 Resp: 440834
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104373.D
Acq: 9 Apr 2018 15:44

Tgt Ion:240 Resp: 273927
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 83.130 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104373.D

Acq: 9 Apr 2018 15:44

Instrument :

BNA_F

ClientSampleId :

20180220-COMPOSITE-A

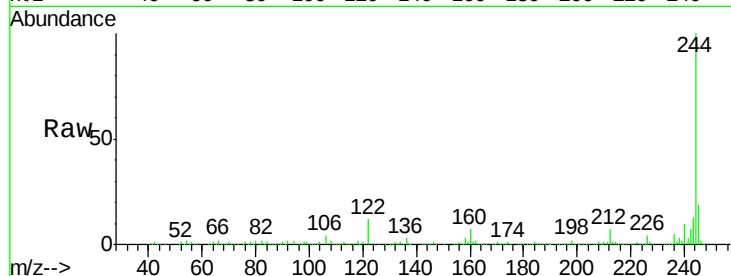
Tot Ion:244 Resp: 998823

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

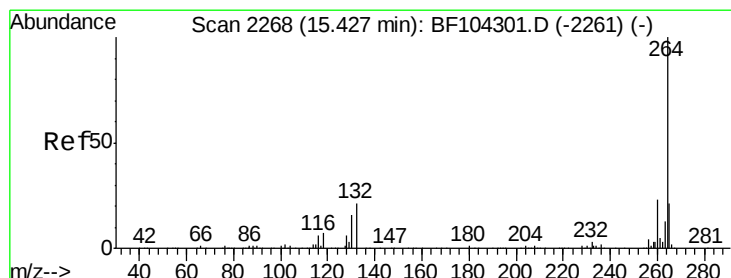
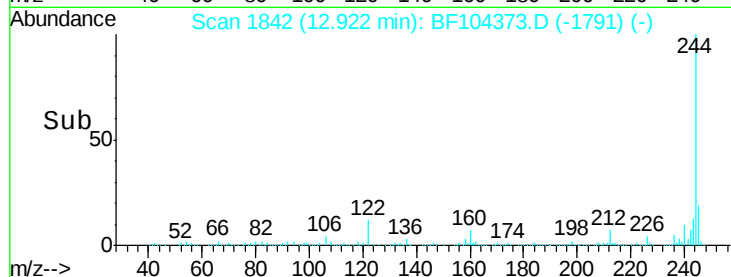
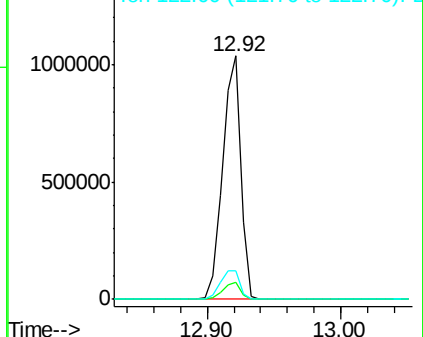
122 11.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF104373.D

Acq: 9 Apr 2018 15:44

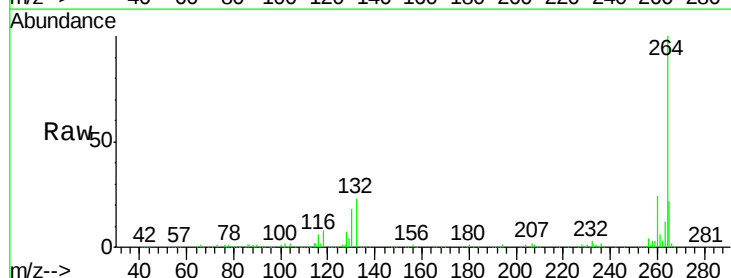
Tgt Ion:264 Resp: 291824

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

