

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104639.D
 Acq On : 19 Apr 2018 20:18
 Operator : JU/SJ
 Sample : J2455-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Apr 20 01:37:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

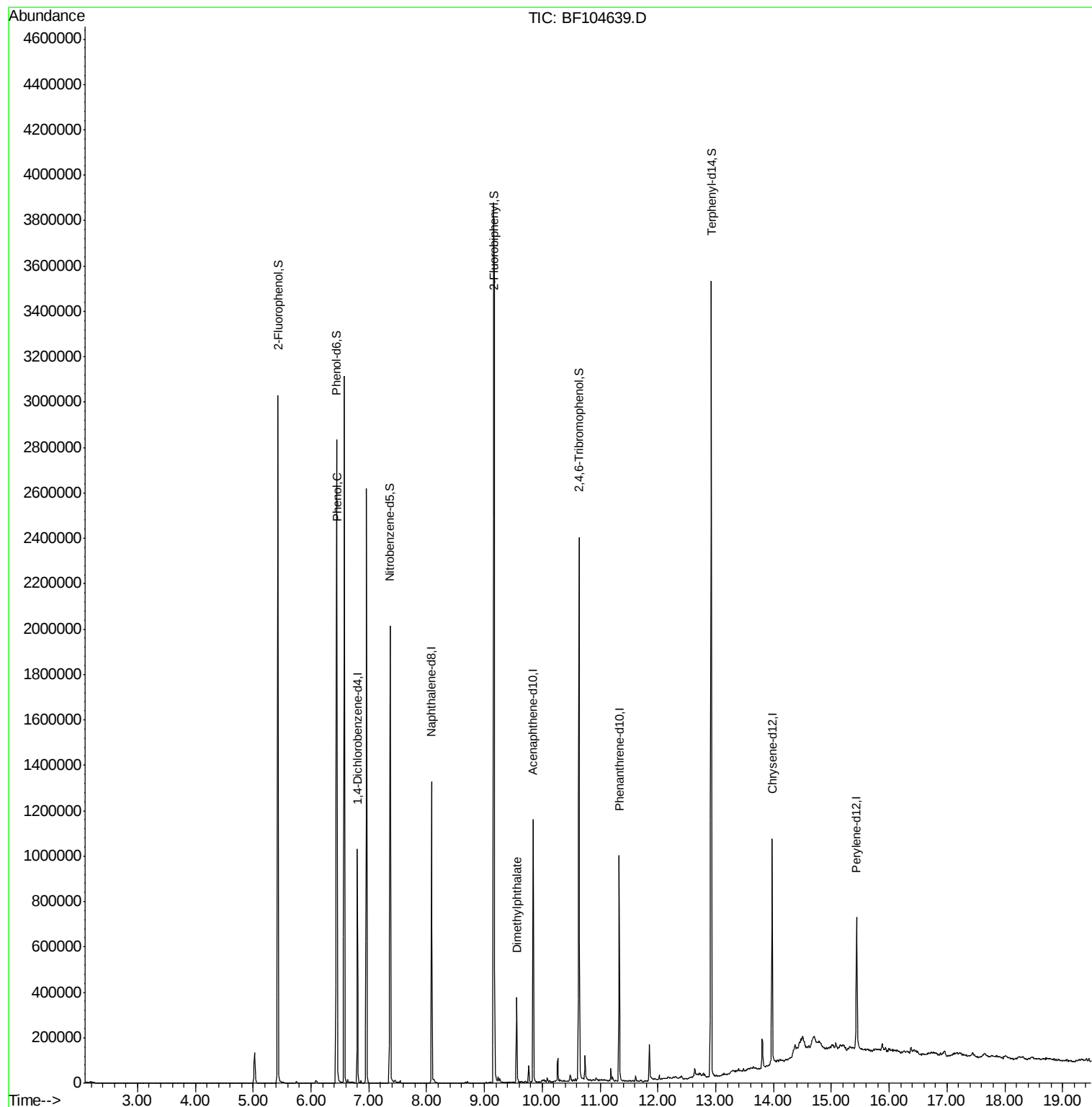
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141333	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	570803	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	244089	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	375183	20.00	ng	0.00
75) Chrysene-d12	13.97	240	304700	20.00	ng	-0.01
86) Perylene-d12	15.44	264	269563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	915276	99.02	ng	0.01
7) Phenol-d6	6.45	99	1216010	107.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	786824	90.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	342750	135.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1426192	92.30	ng	0.00
78) Terphenyl-d14	12.92	244	1320592	98.81	ng	0.00
Target Compounds						
10) Phenol	6.46	94	32381	2.687	ng	97
49) Dimethylphthalate	9.56	163	145996	7.585	ng	98

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

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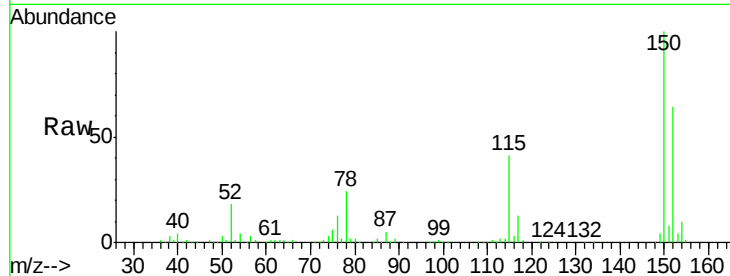


#1

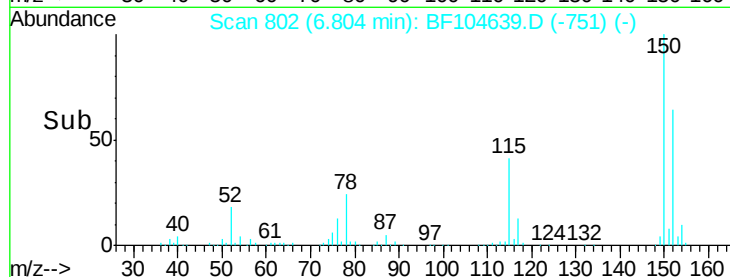
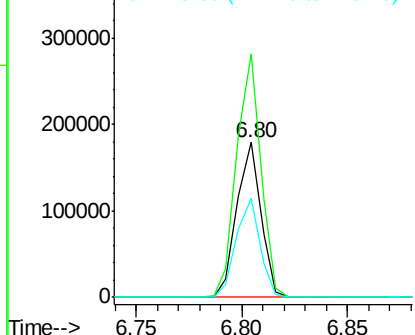
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 141333
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 64.3 50.1 75.1



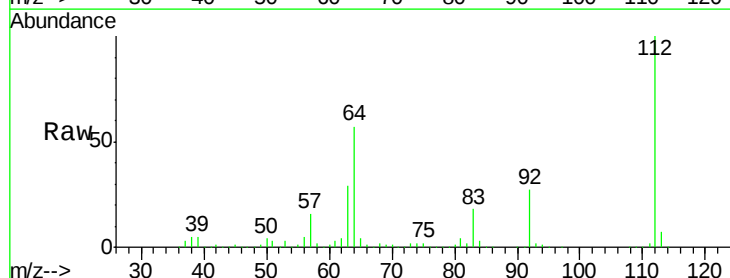
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



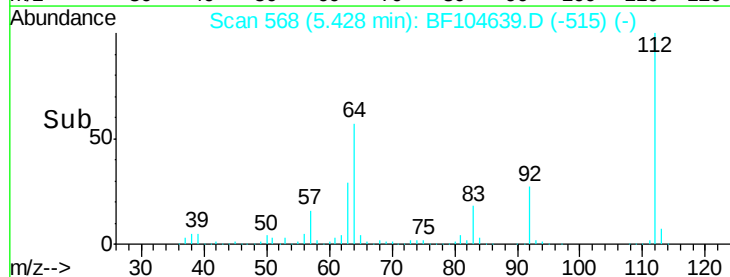
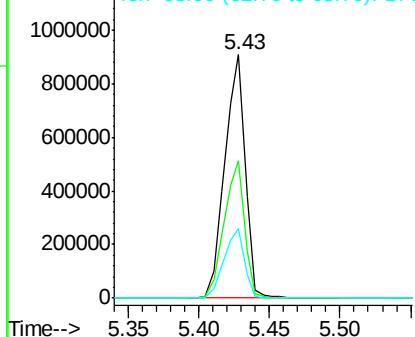
#5

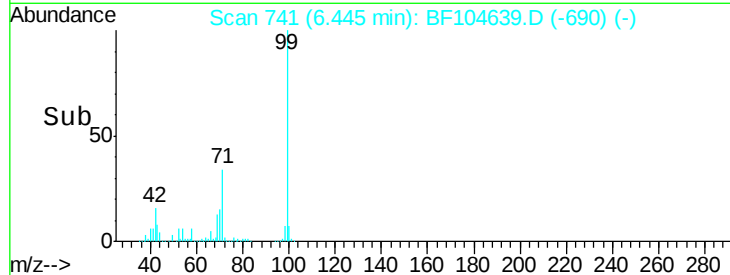
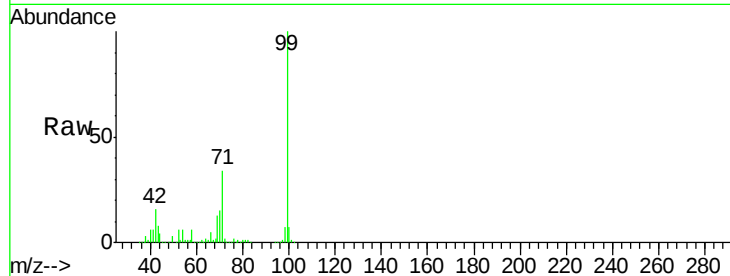
2-Fluorophenol
Concen: 99.022 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Tgt Ion:112 Resp: 915276
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.6 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: 107.073 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104639.D

Acq: 19 Apr 2018 20:18

Instrument :

BNA_F

ClientSampleId :

TP-1

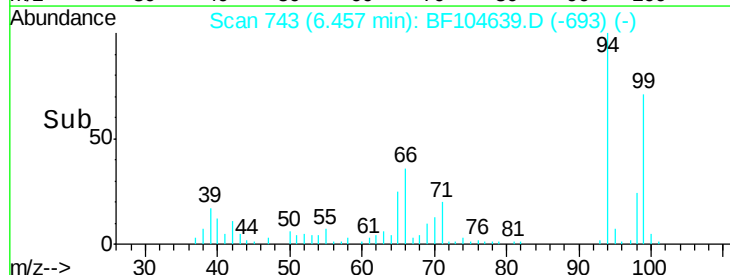
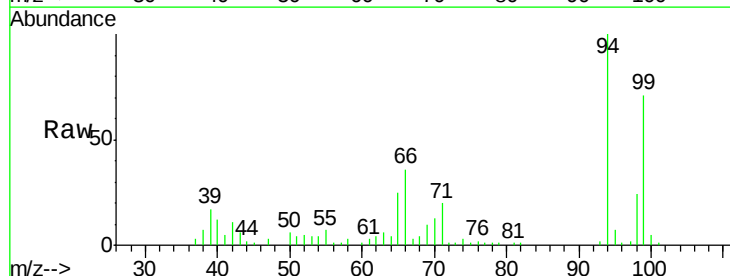
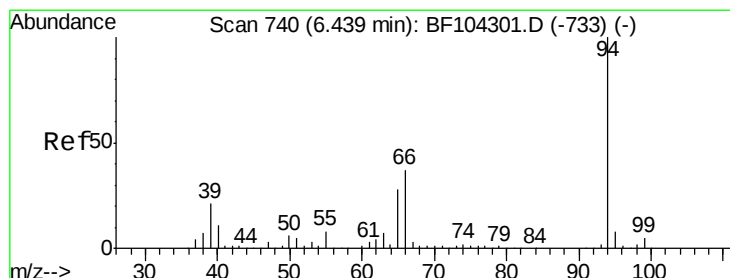
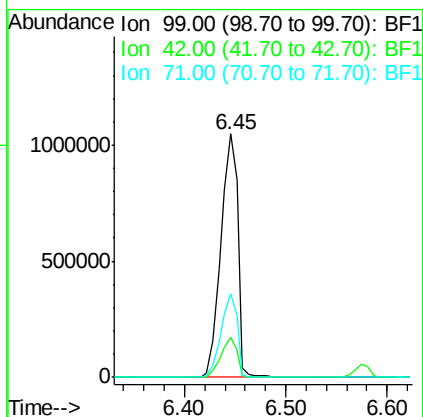
Tot Ion: 99 Resp: 1216010

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 34.2 25.4 38.0



#10

Phenol

Concen: 2.687 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104639.D

Acq: 19 Apr 2018 20:18

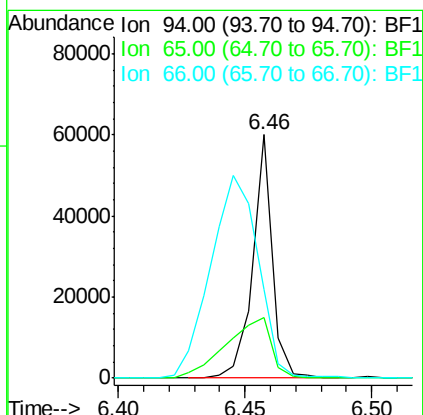
Tgt Ion: 94 Resp: 32381

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 36.4 16.2 56.2

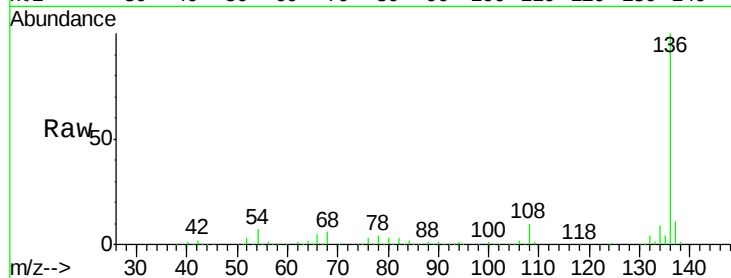




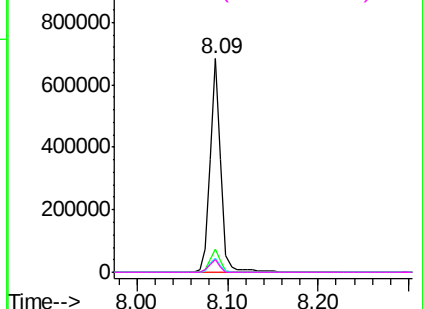
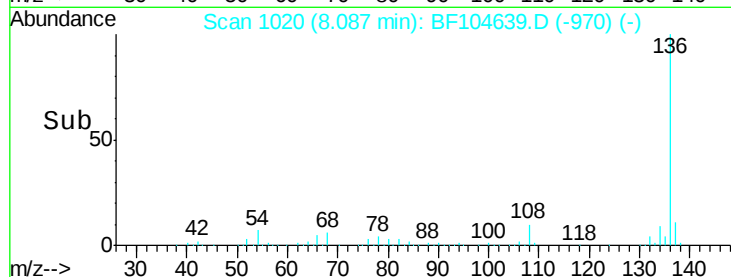
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:136	Resp:	570803
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.8	6.6 9.8
68	6.1	5.0 7.4

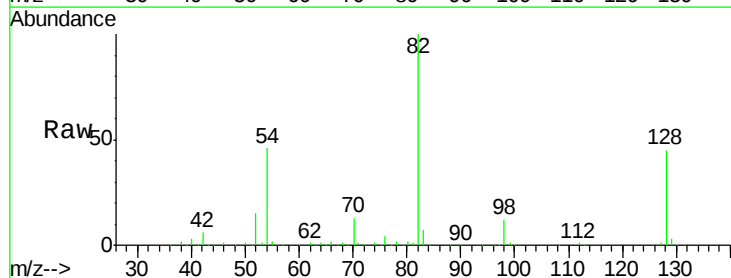


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

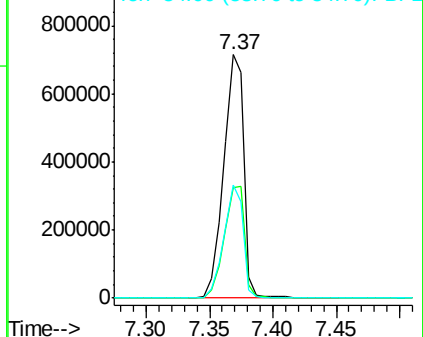
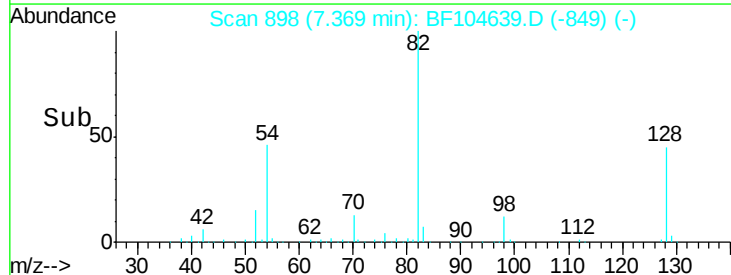


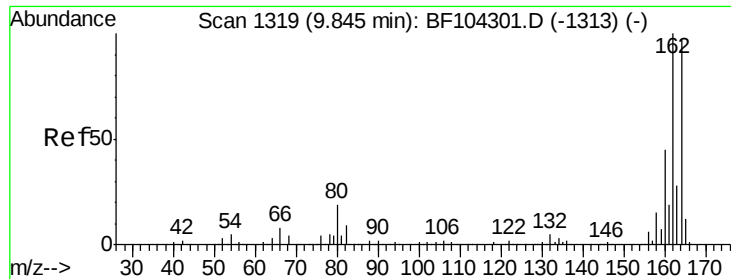
#23
Nitrobenzene-d5
Concen: 90.010 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Tgt Ion: 82	Resp:	786824
Ion	Ratio	Lower Upper
82	100	
128	45.2	36.1 54.1
54	46.4	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

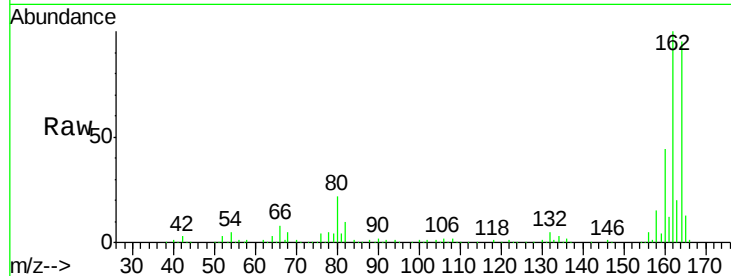




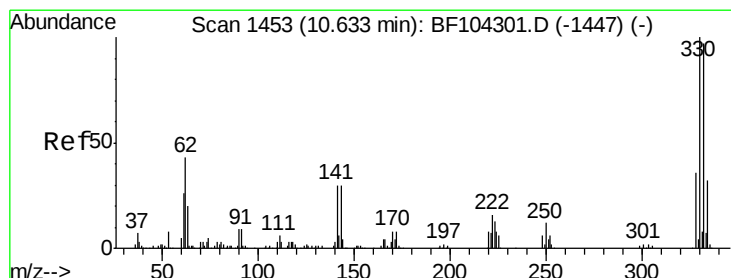
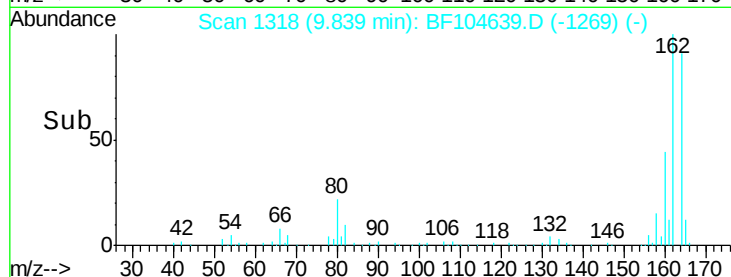
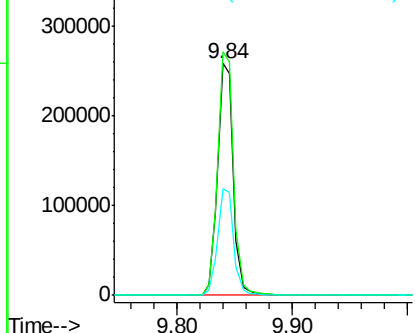
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:164 Resp: 244089
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 46.0 38.3 57.5

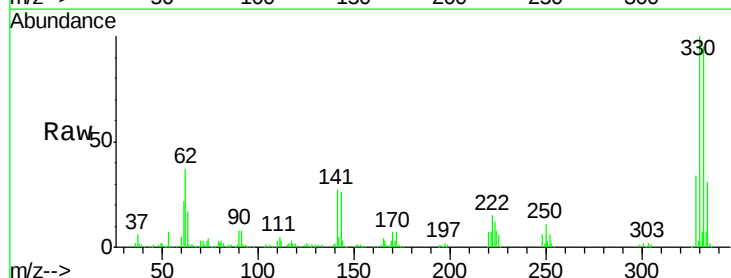


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

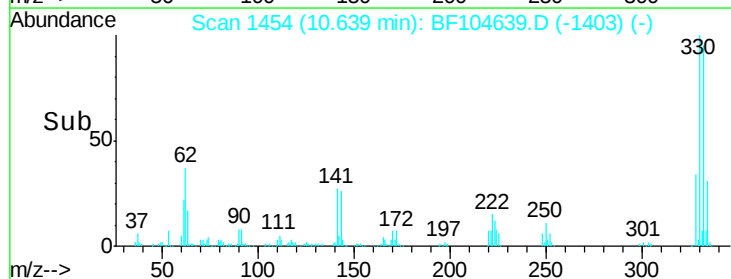
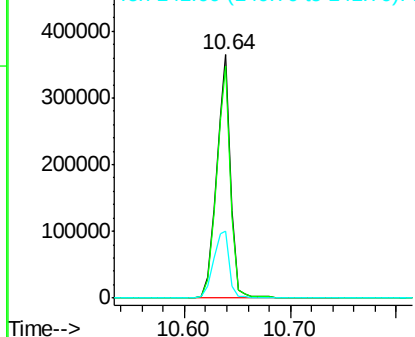


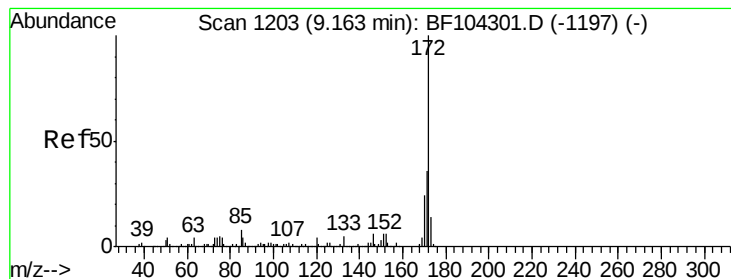
#41
2,4,6-Tribromophenol
Concen: 135.367 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Tgt Ion:330 Resp: 342750
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 31.7 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: 92.304 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104639.D

Acq: 19 Apr 2018 20:18

Instrument :

BNA_F

ClientSampleId :

TP-1

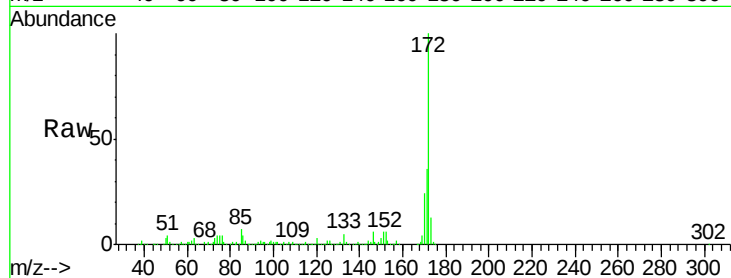
Tot Ion:172 Resp: 1426192

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

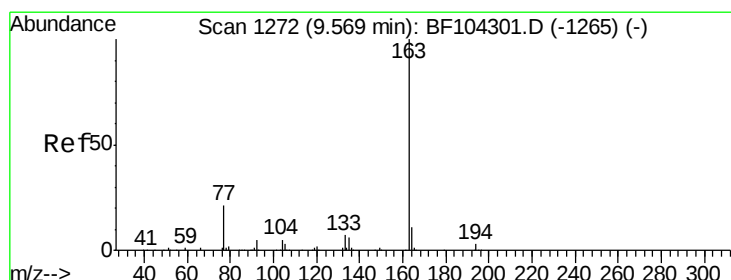
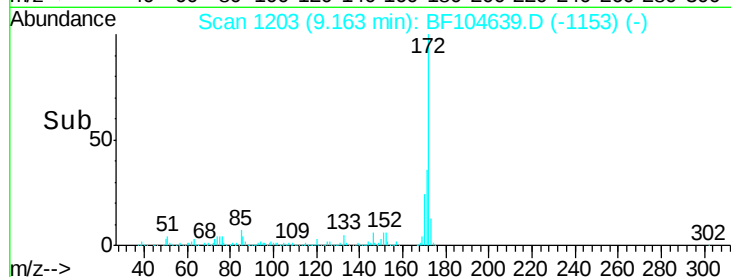
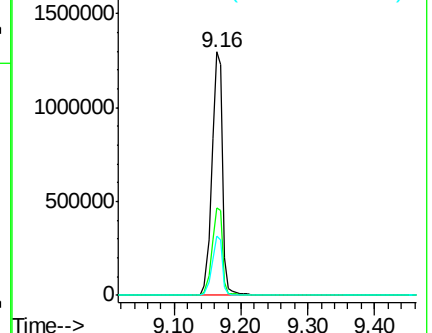
170 24.3 19.6 29.4



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: 7.585 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104639.D

Acq: 19 Apr 2018 20:18

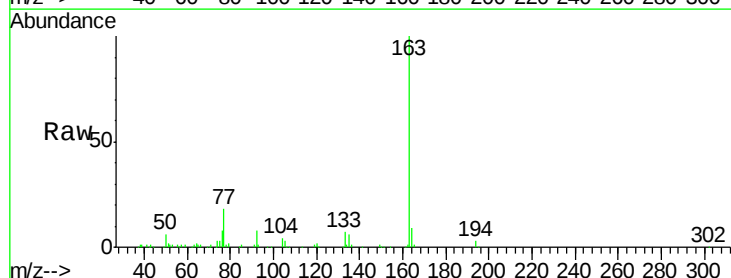
Tgt Ion:163 Resp: 145996

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

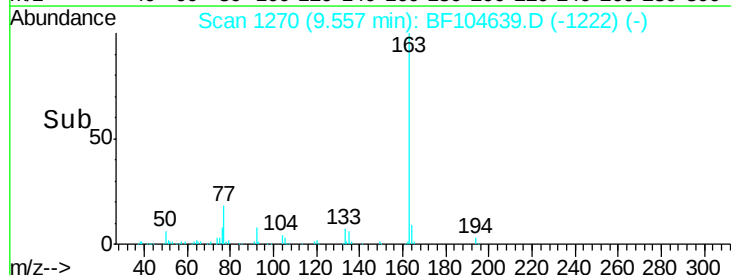
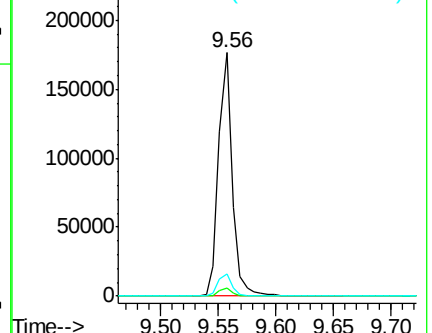
164 9.4 8.2 12.2



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

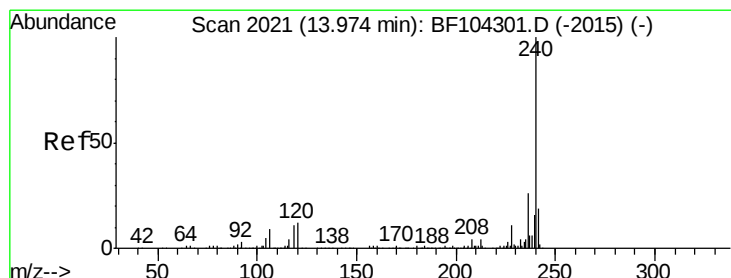
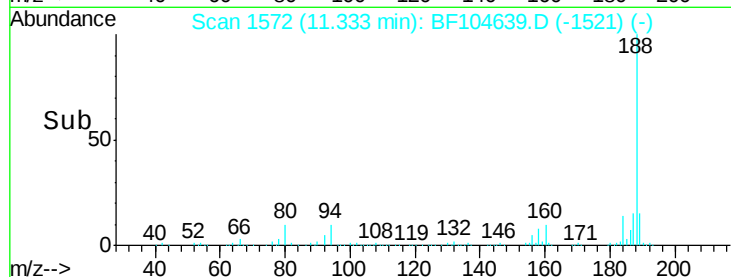
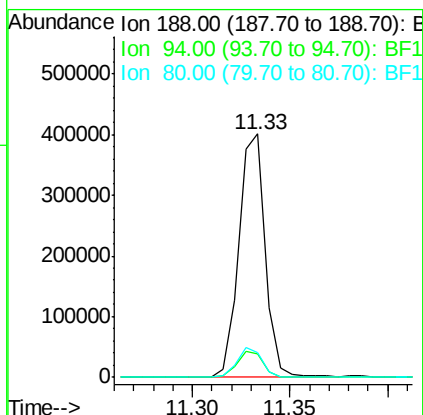
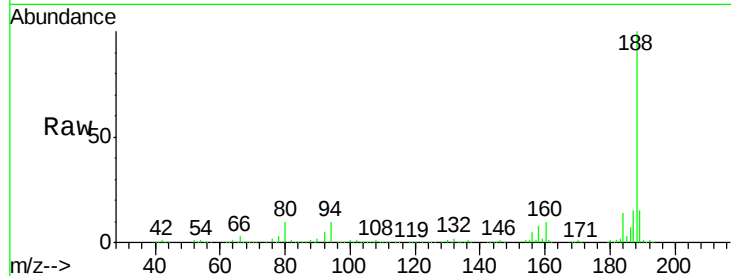




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

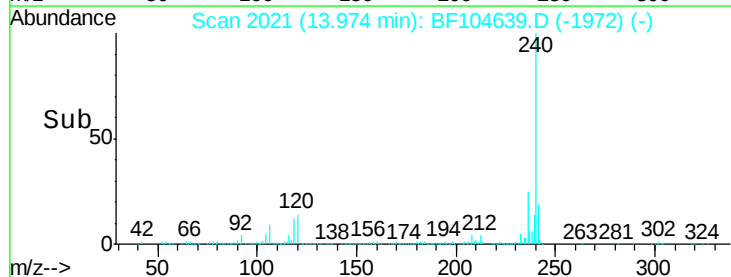
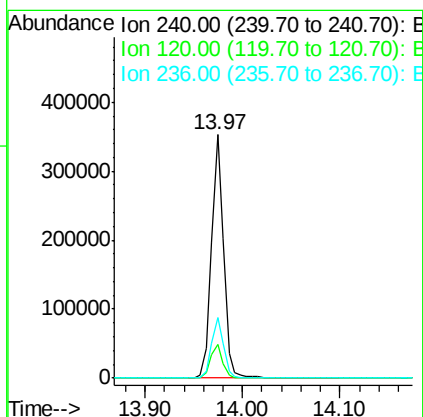
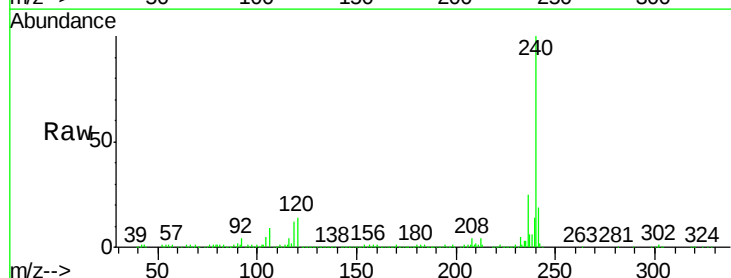
Instrument :
BNA_F
ClientSampled :
TP-1

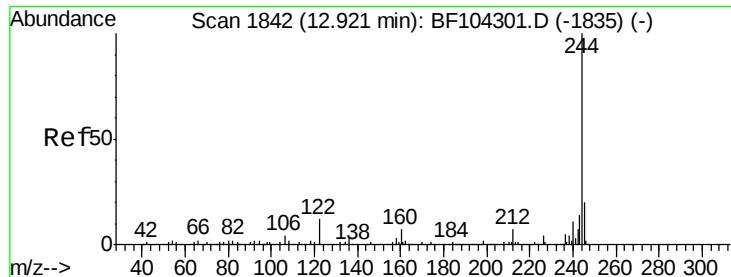
Tot Ion:188 Resp: 375183
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104639.D
Acq: 19 Apr 2018 20:18

Tgt Ion:240 Resp: 304700
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 98.809 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104639.D

Acq: 19 Apr 2018 20:18

Instrument :

BNA_F

ClientSampleId :

TP-1

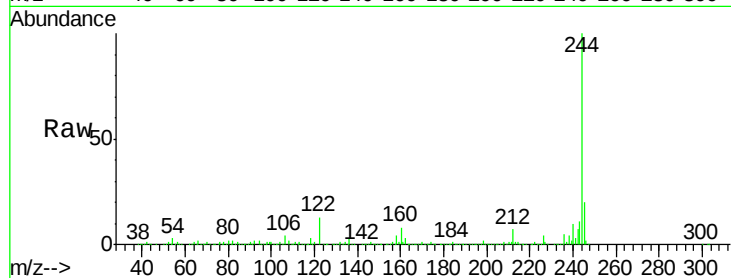
Tot Ion:244 Resp: 1320592

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

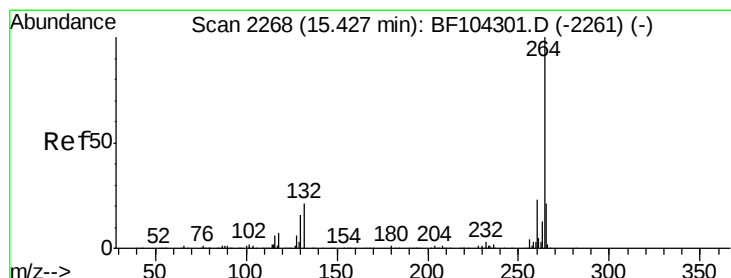
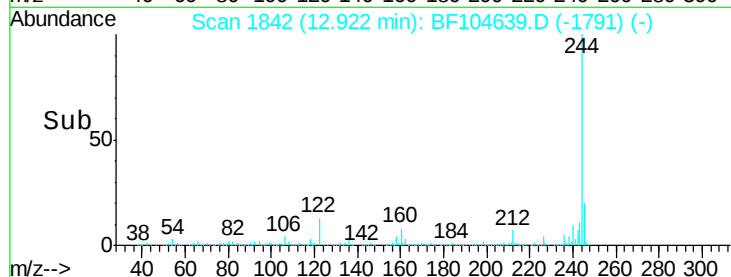
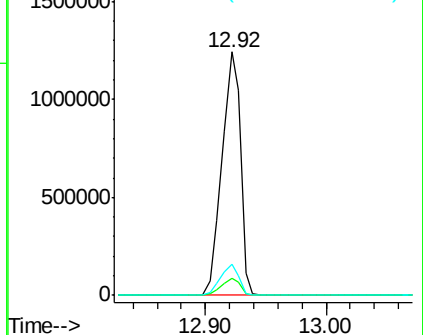
122 12.5 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF104639.D

Acq: 19 Apr 2018 20:18

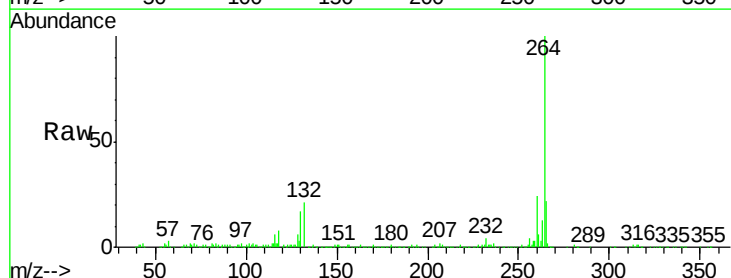
Tgt Ion:264 Resp: 269563

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.0 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

