

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104467.D
 Acq On : 12 Apr 2018 22:30
 Operator : JU/SJ
 Sample : J2337-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Time: Apr 13 01:32:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109382	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	399155	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	148767	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	243636	20.00	ng	0.00
75) Chrysene-d12	13.99	240	214988	20.00	ng	0.00
86) Perylene-d12	15.45	264	157667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	835825	116.84	ng	0.02
7) Phenol-d6	6.45	99	904891	102.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	662504	108.38	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	205708	133.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1093360	116.10	ng	0.00
78) Terphenyl-d14	12.93	244	952666	101.02	ng	0.00

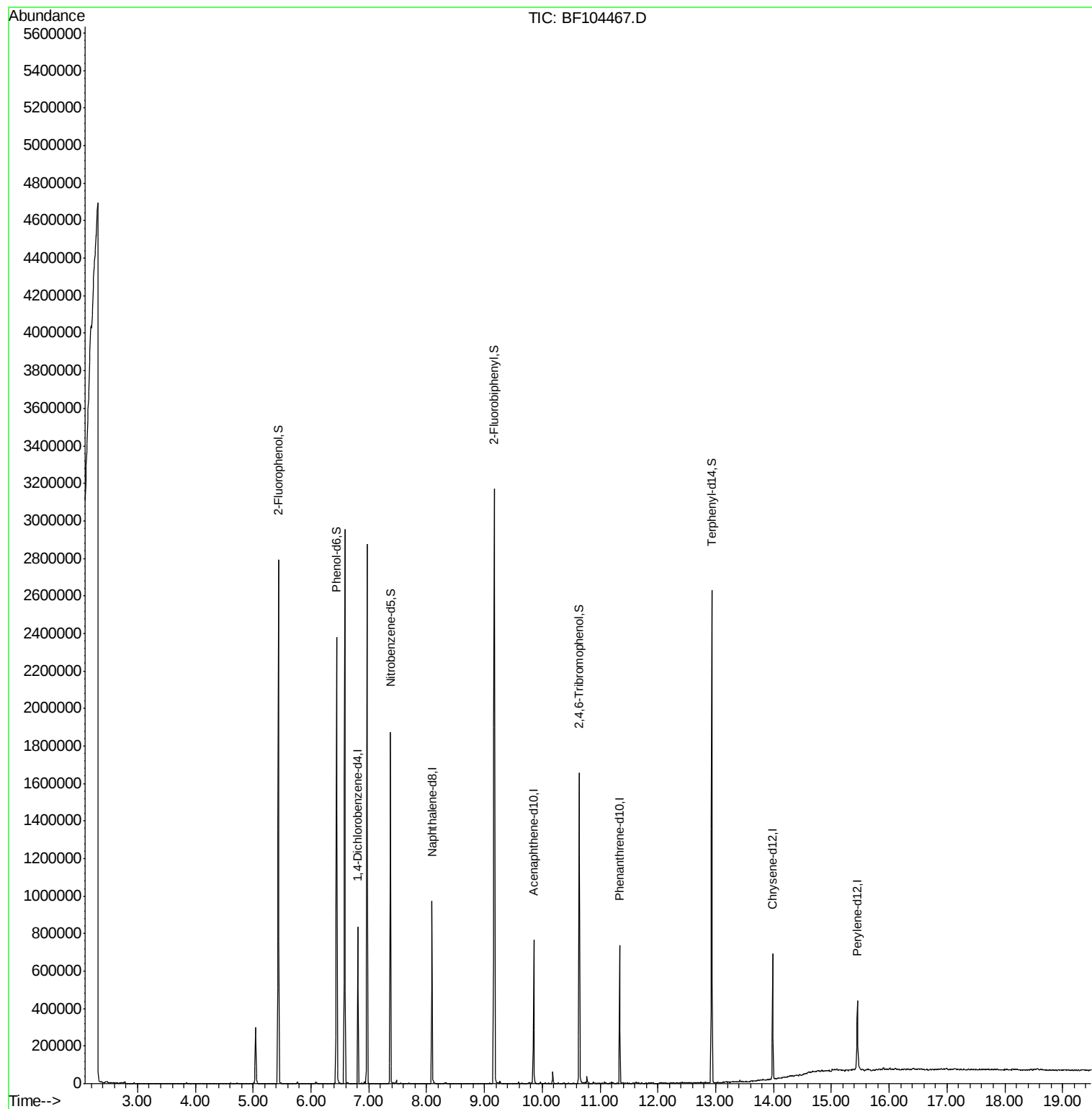
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104467.D
Acq On : 12 Apr 2018 22:30
Operator : JU/SJ
Sample : J2337-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200036

Quant Time: Apr 13 01:32:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



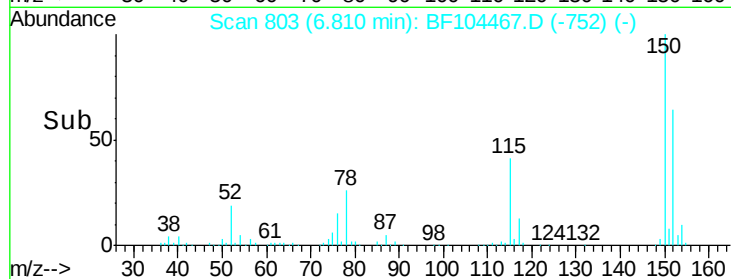
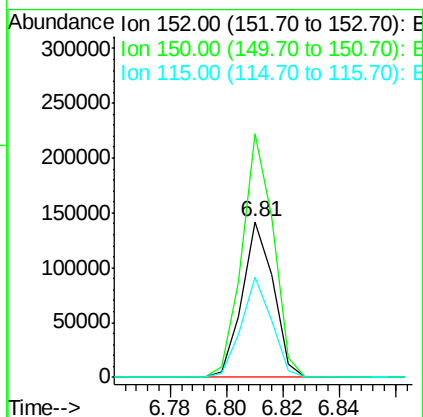
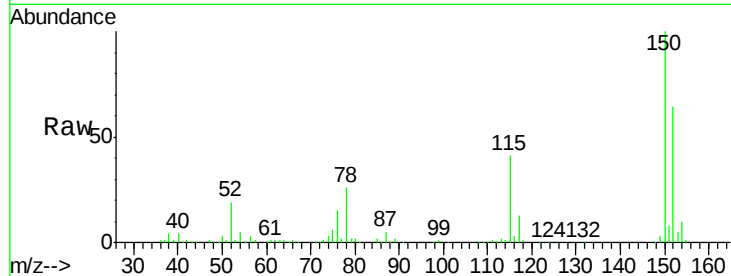


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104467.D
Acq: 12 Apr 2018 22:30

Instrument :
BNA_F
ClientSampleId :
RBR200036

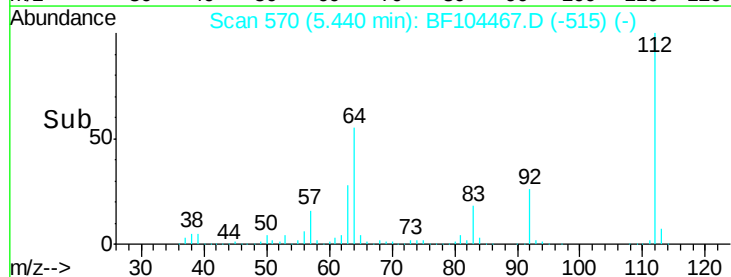
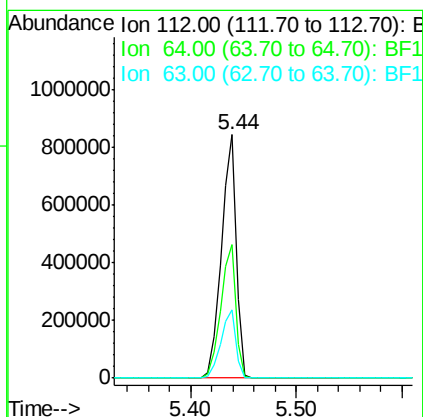
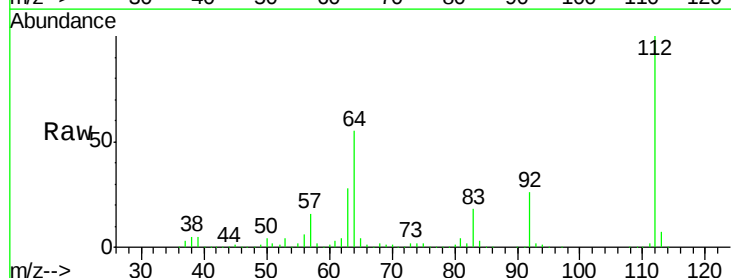
Tot Ion:152 Resp: 109382
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 64.6 50.1 75.1



#5

2-Fluorophenol
Concen: 116.840 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104467.D
Acq: 12 Apr 2018 22:30

Tgt Ion:112 Resp: 835825
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 102.952 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104467.D

Acq: 12 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

RBR200036

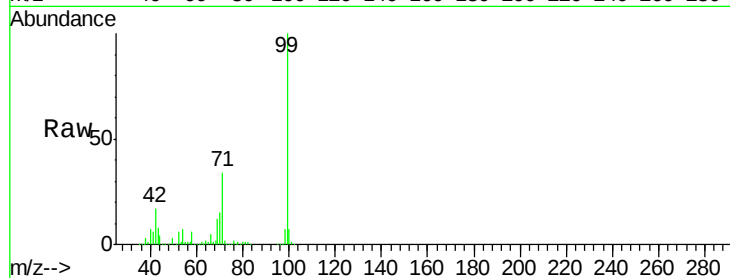
Tot Ion: 99 Resp: 904891

Ion Ratio Lower Upper

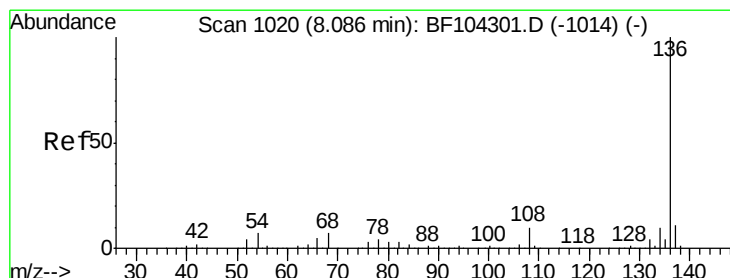
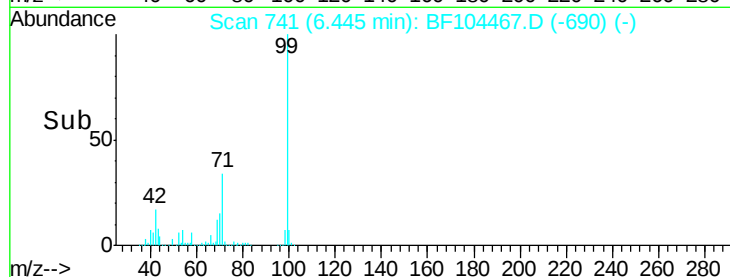
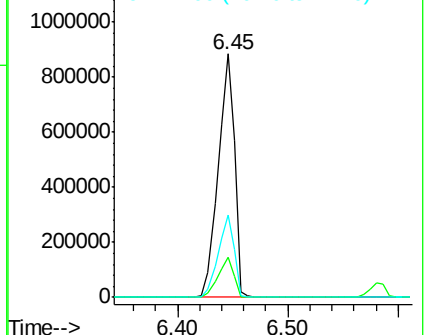
99 100

42 16.6 14.5 21.7

71 33.8 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# 1021

Delta R.T. -0.01 min

Lab File: BF104467.D

Acq: 12 Apr 2018 22:30

Tgt Ion: 136 Resp: 399155

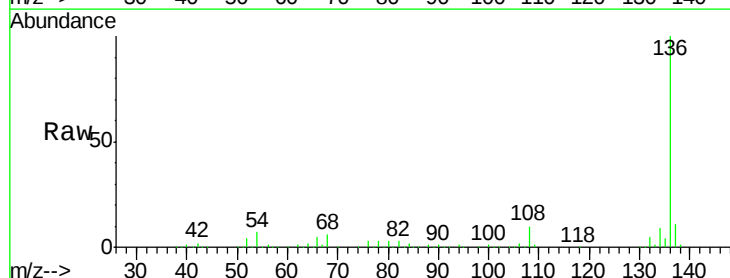
Ion Ratio Lower Upper

136 100

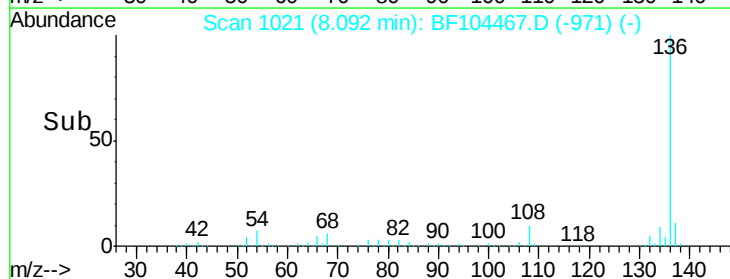
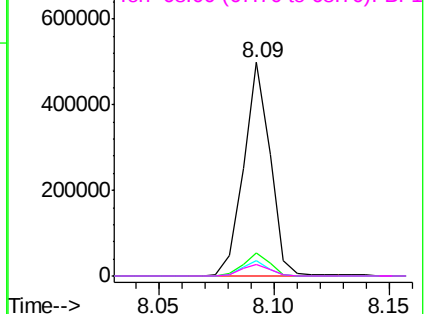
137 10.9 8.9 13.3

54 6.9 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: 108.380 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104467.D

Acq: 12 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

RBR200036

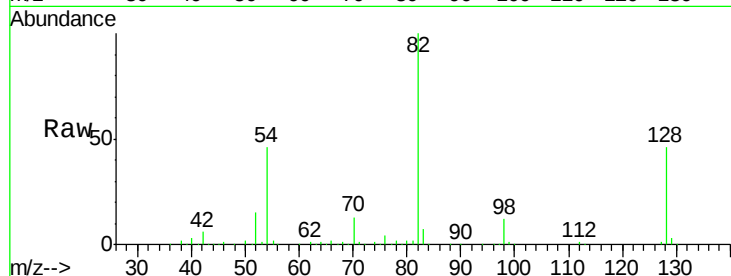
Tot Ion: 82 Resp: 662504

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

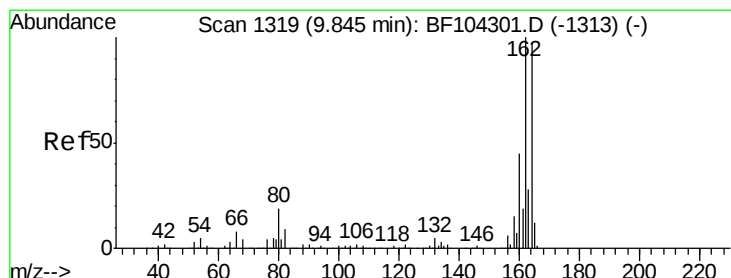
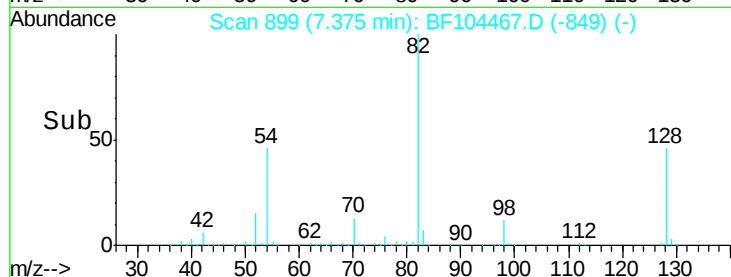
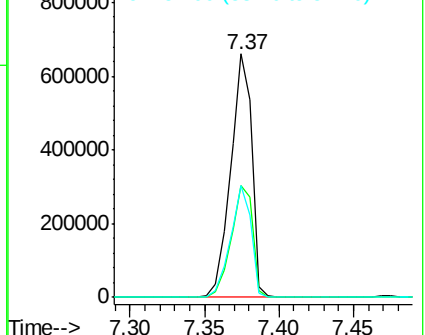
54 46.1 41.4 62.2



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF104467.D

Acq: 12 Apr 2018 22:30

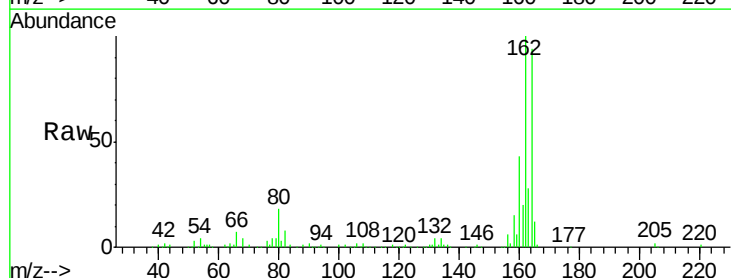
Tgt Ion:164 Resp: 148767

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

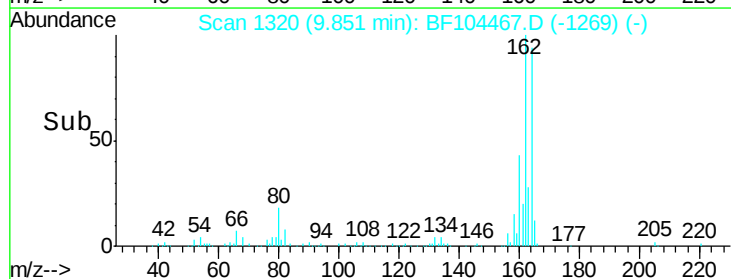
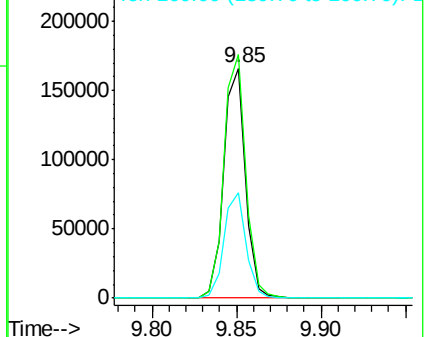
160 45.8 38.3 57.5



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

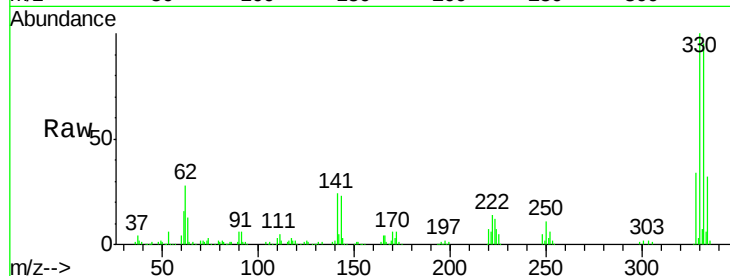




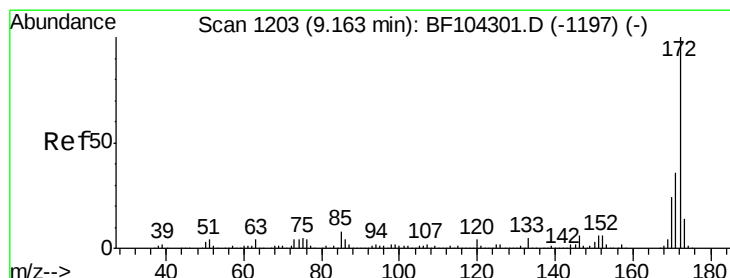
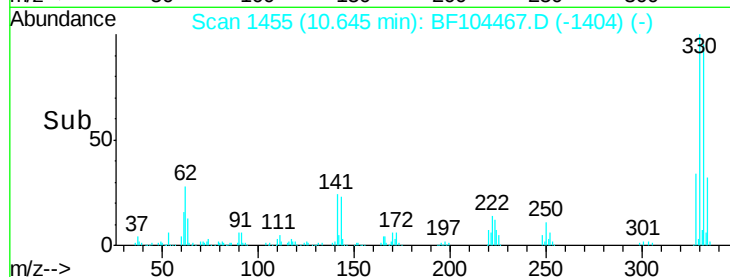
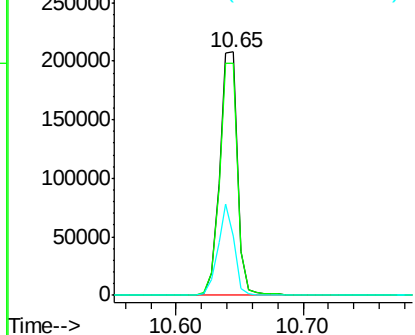
#41
 2,4,6-Tribromophenol
 Concen: 133.300 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104467.D
 Acq: 12 Apr 2018 22:30

Instrument :
 BNA_F
 ClientSampled :
 RBR200036

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.9	29.9	44.9

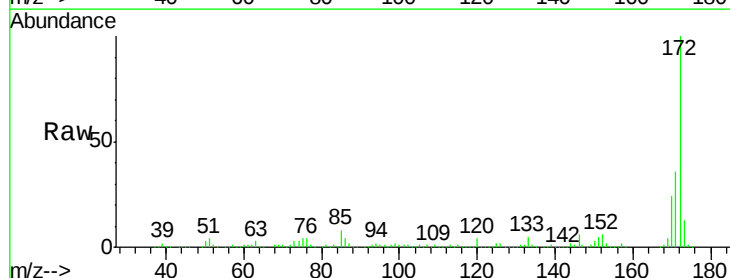


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

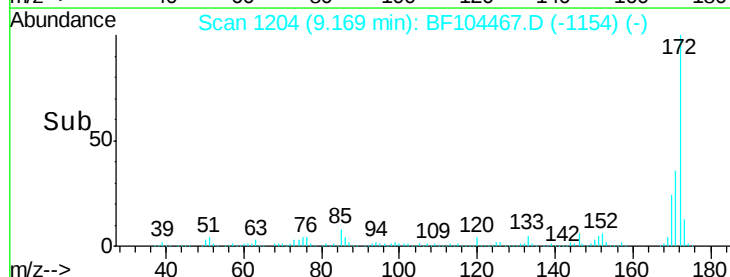
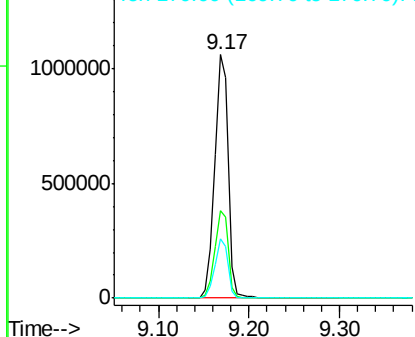


#44
 2-Fluorobiphenyl
 Concen: 116.104 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104467.D
 Acq: 12 Apr 2018 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	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

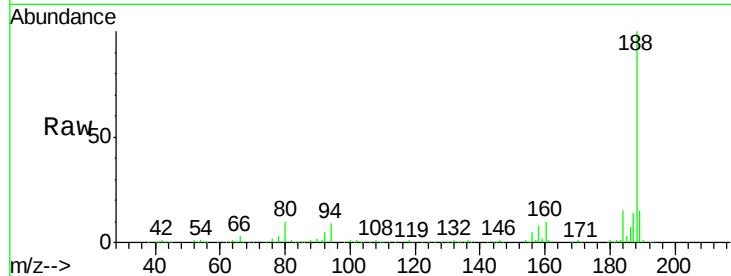




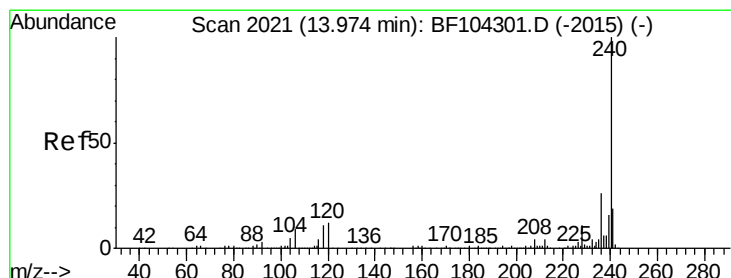
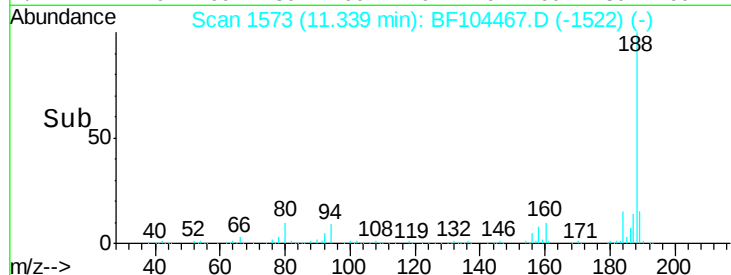
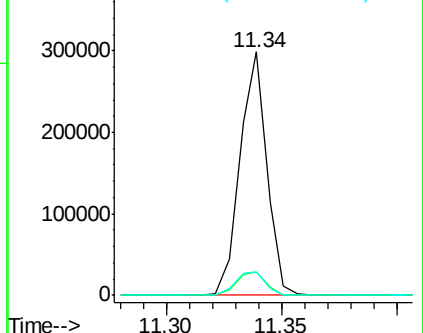
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104467.D
Acq: 12 Apr 2018 22:30

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion:188 Resp: 243636
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.8 9.2 13.8

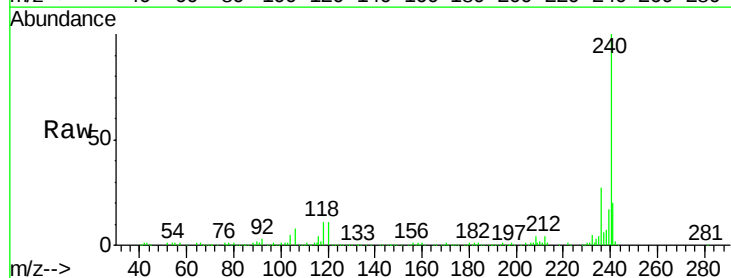


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

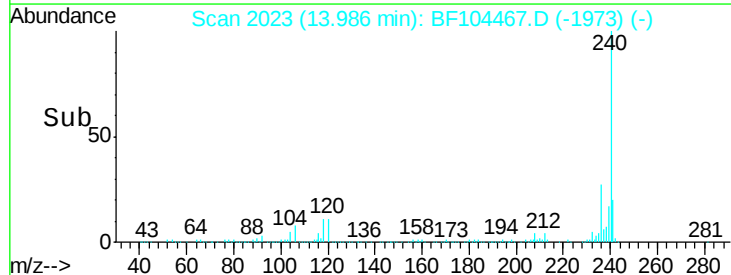
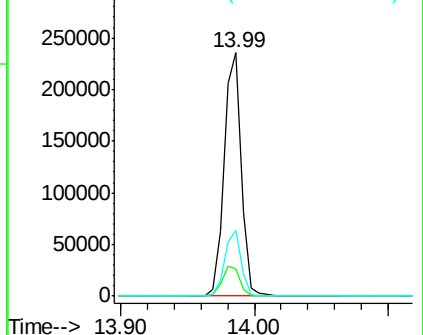


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104467.D
Acq: 12 Apr 2018 22:30

Tgt Ion:240 Resp: 214988
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.8 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: 101.025 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF104467.D

Acq: 12 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

RBR200036

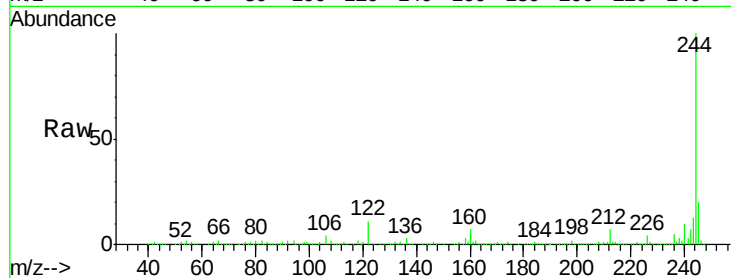
Tot Ion:244 Resp: 952666

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

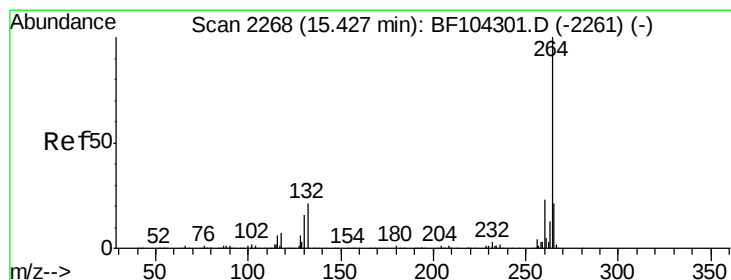
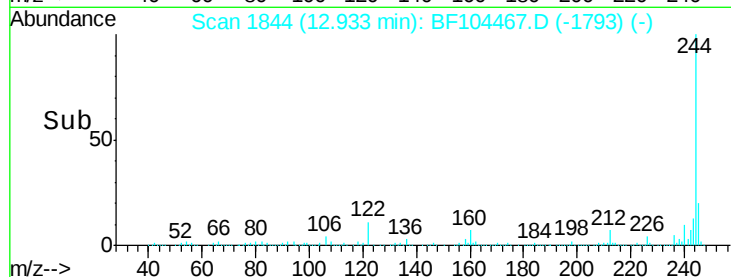
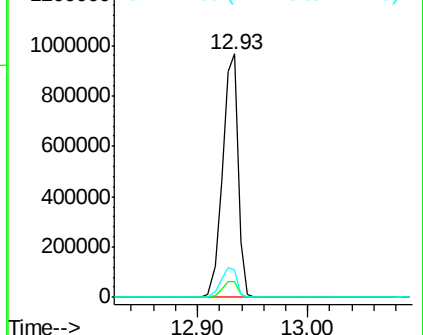
122 11.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104467.D

Acq: 12 Apr 2018 22:30

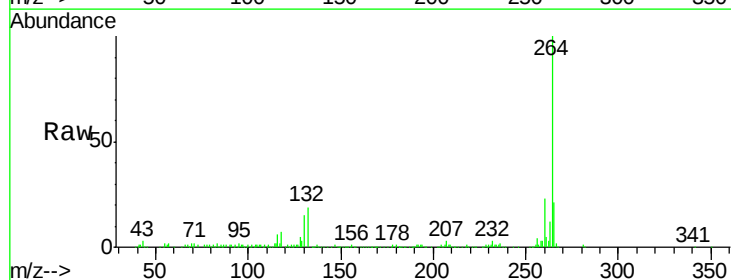
Tgt Ion:264 Resp: 157667

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.0 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

