

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100028.D
 Acq On : 1 Nov 2017 5:37
 Operator : SJ/JU
 Sample : PB103271TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103271TB

Quant Time: Nov 01 08:35:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89722	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	372334	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	171640	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	301450	20.00	ng	0.00
75) Chrysene-d12	13.98	240	196475	20.00	ng	0.00
86) Perylene-d12	15.47	264	163414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	654232	114.48	ng	0.01
7) Phenol-d6	6.43	99	780682	115.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	434283	75.09	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	151285	96.72	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	900419	80.94	ng	0.00
78) Terphenyl-d14	12.91	244	748780	83.29	ng	0.00

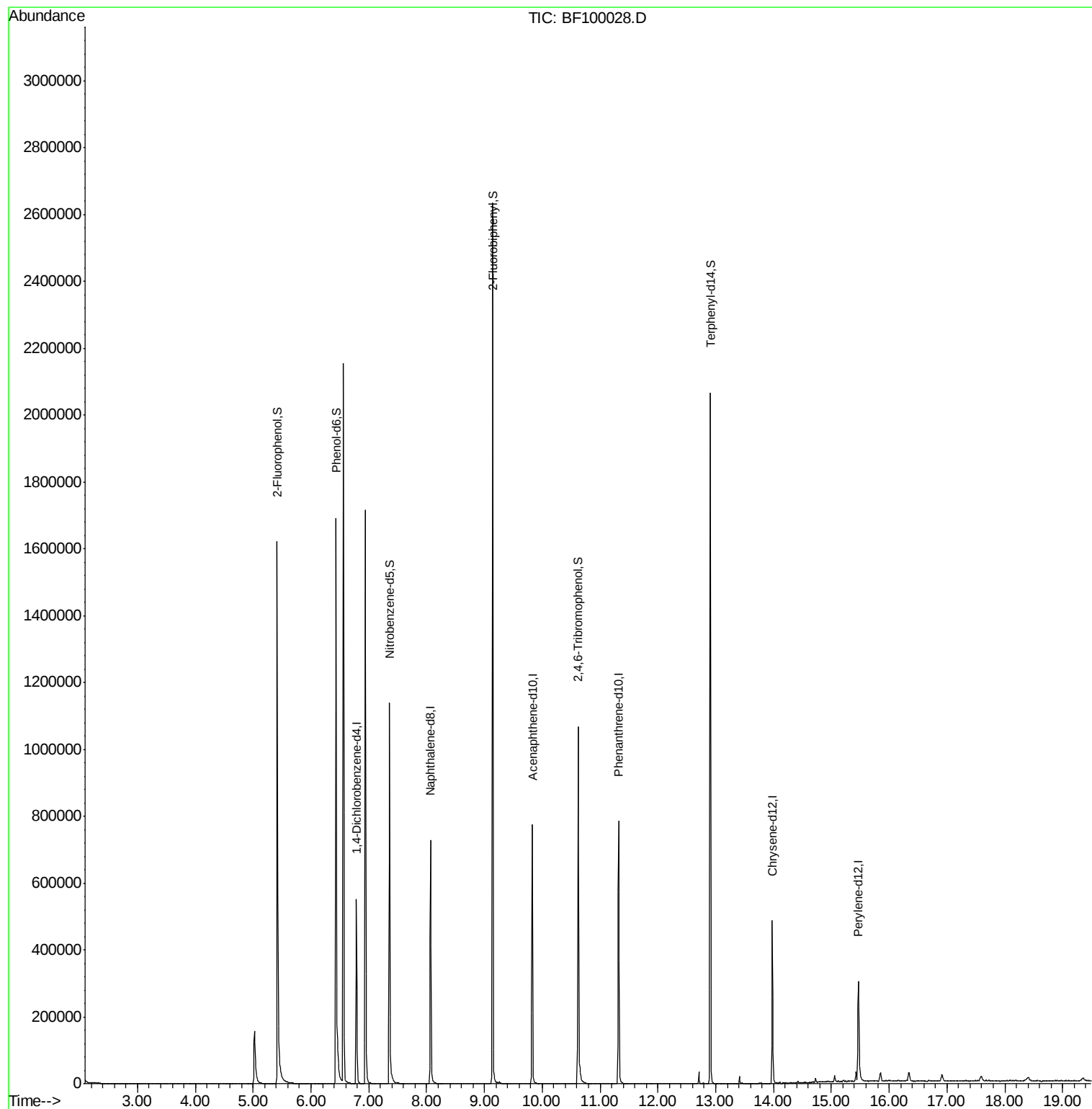
Target Compounds Qvalue

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

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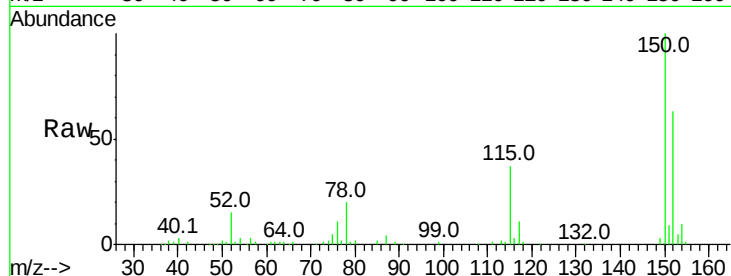


#1

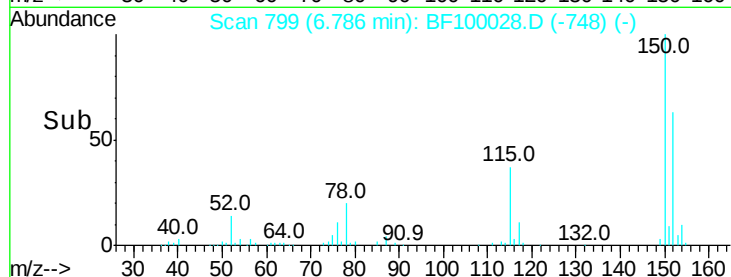
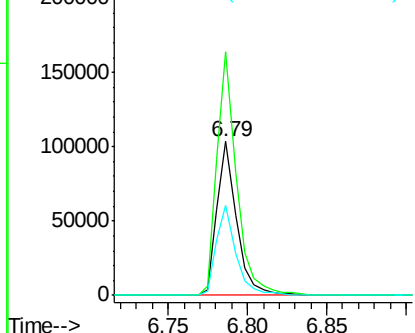
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Instrument :
BNA_F
ClientSampleId :
PB103271TB

Tot Ion:152 Resp: 89722
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.5 50.1 75.1



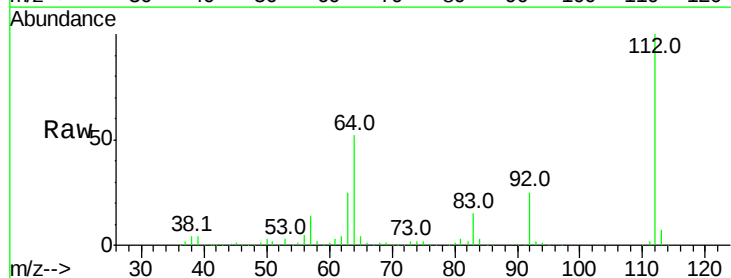
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



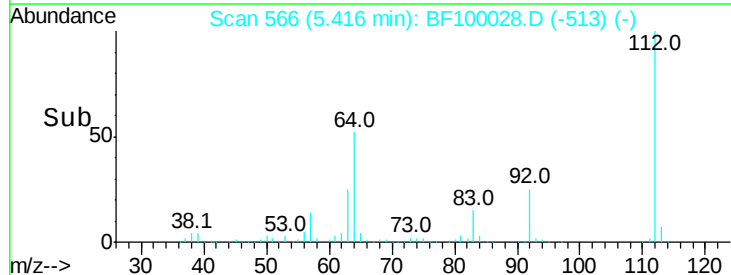
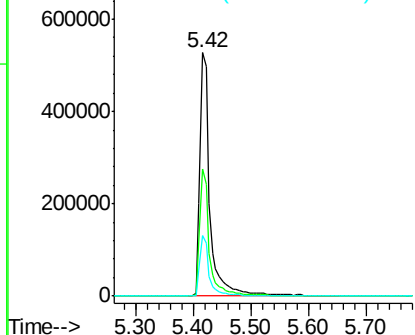
#5

2-Fluorophenol
Concen: 114.478 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Tgt Ion:112 Resp: 654232
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.8 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: 115.208 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

Instrument :

BNA_F

ClientSampleId :

PB103271TB

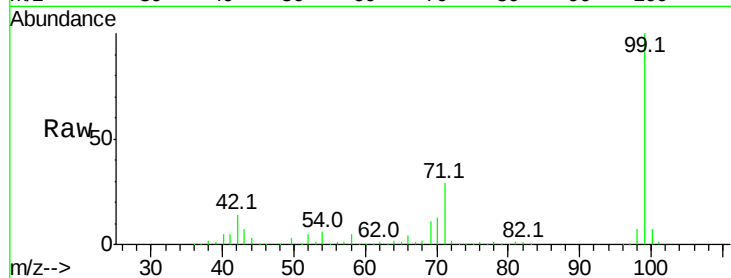
Tot Ion: 99 Resp: 780682

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

71 29.2 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

800000

600000

400000

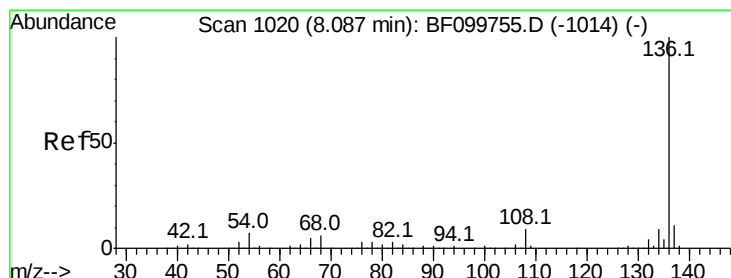
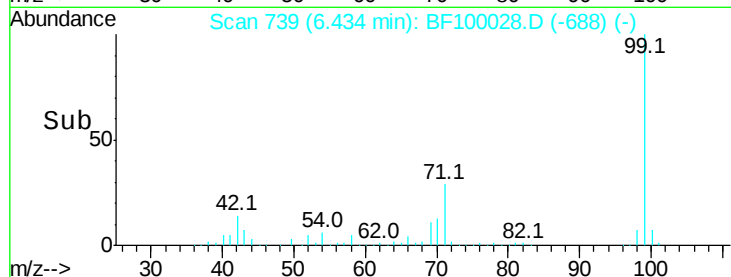
200000

0

6.43

6.30 6.40 6.50 6.60 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

Tgt Ion: 136 Resp: 372334

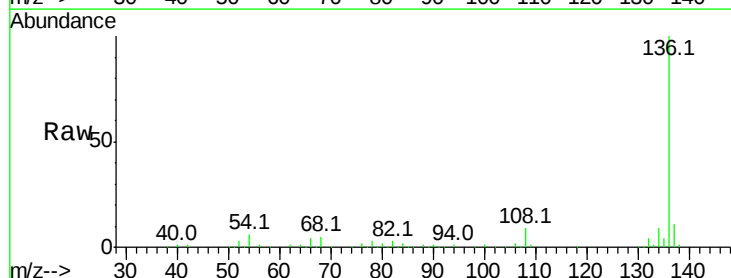
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 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

600000

500000

400000

300000

200000

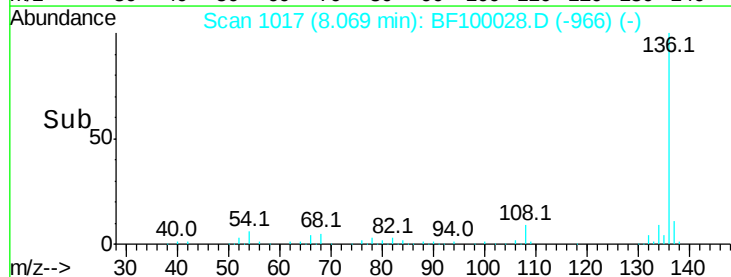
100000

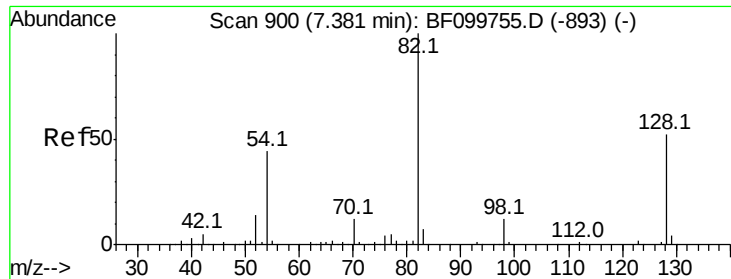
0

8.07

8.00 8.10 8.20 8.30

Time-->

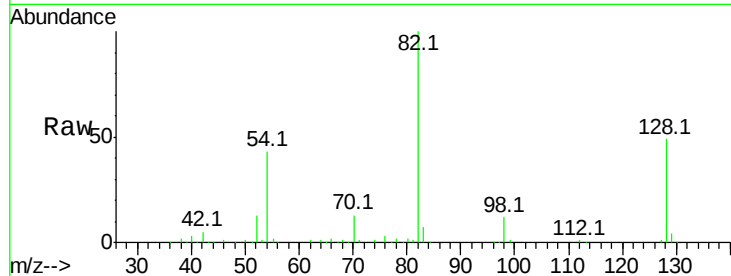




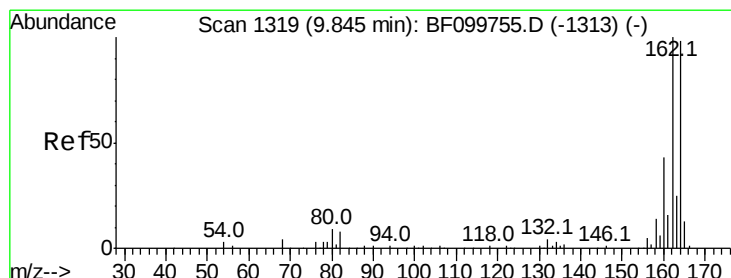
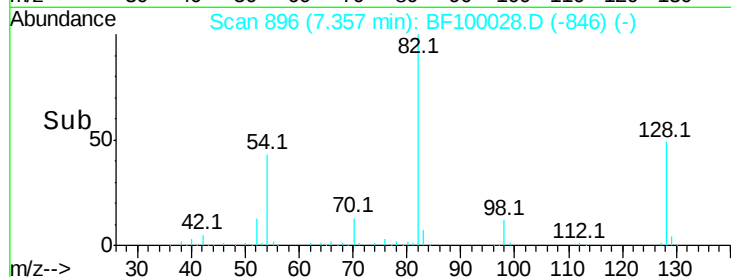
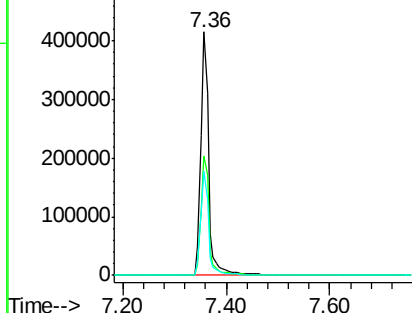
#23
Nitrobenzene-d5
Concen: 75.092 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Instrument :
BNA_F
ClientSampleId :
PB103271TB

Tot Ion: 82 Resp: 434283
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 42.8 41.4 62.2

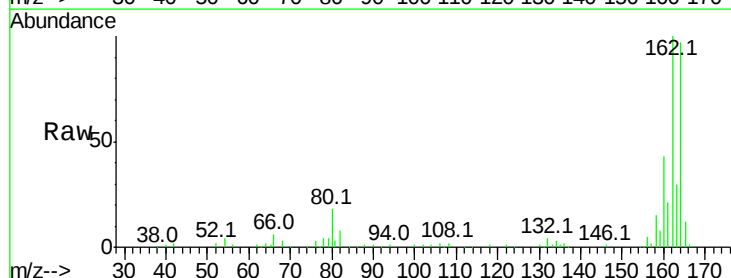


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

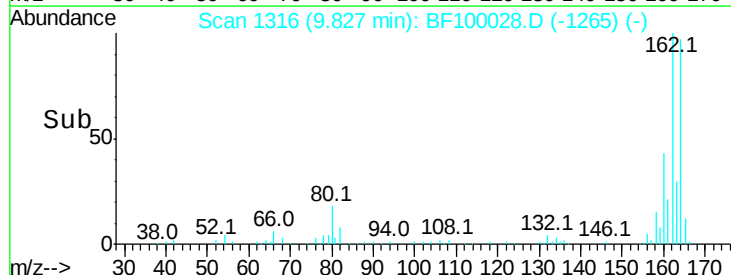
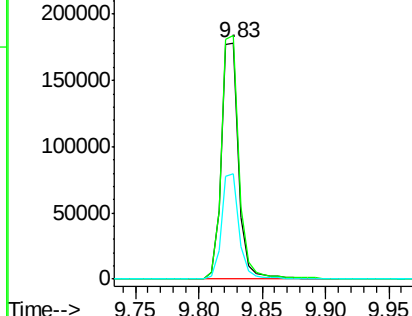


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Tgt Ion:164 Resp: 171640
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.4 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

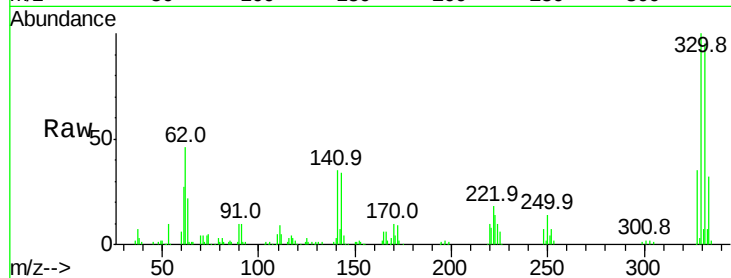




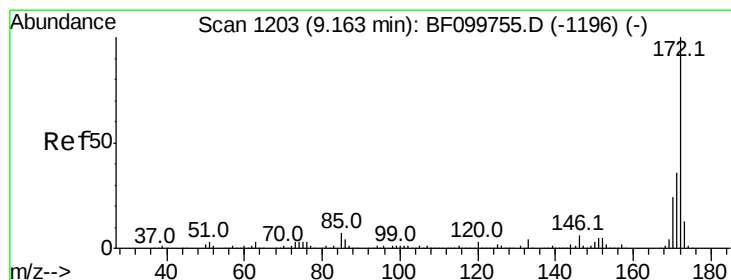
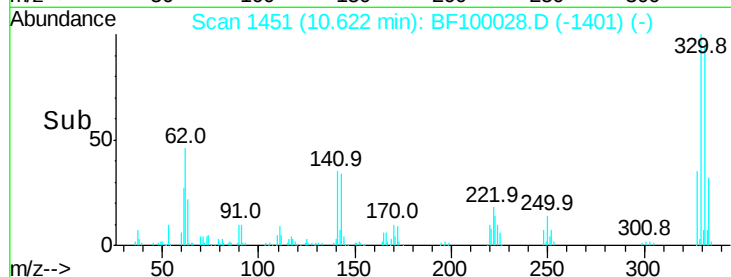
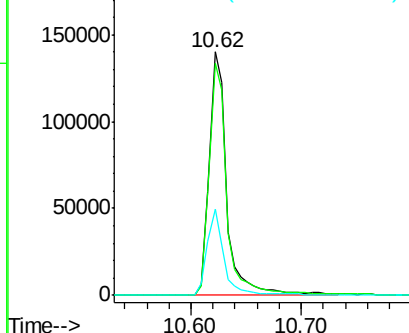
#41
 2,4,6-Tribromophenol
 Concen: 96.718 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 PB103271TB

Tot Ion:330 Resp: 151285
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.9 29.9 44.9

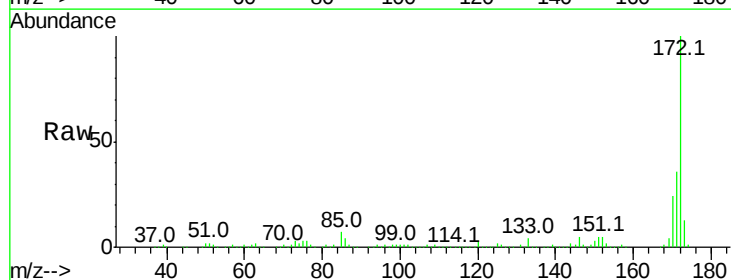


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

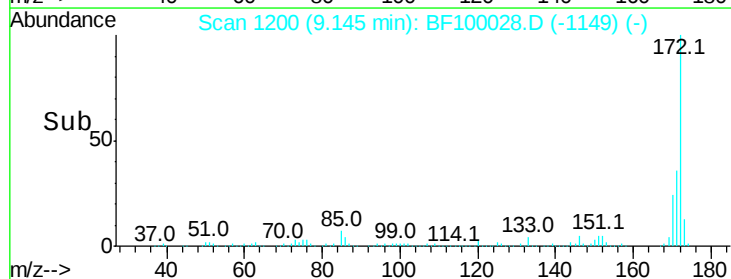
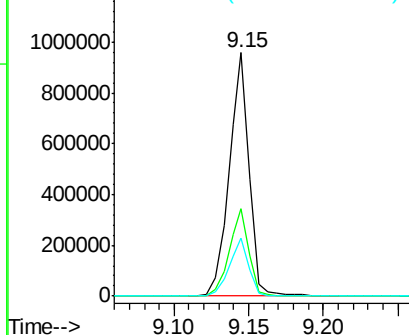


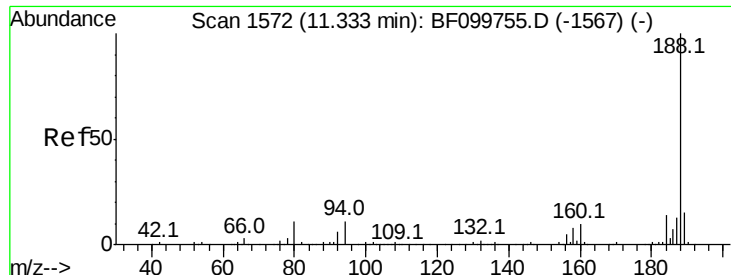
#44
 2-Fluorobiphenyl
 Concen: 80.937 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100028.D
 Acq: 1 Nov 2017 5:37

Tgt Ion:172 Resp: 900419
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 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

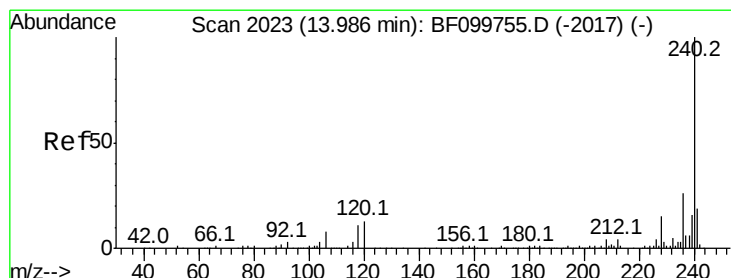
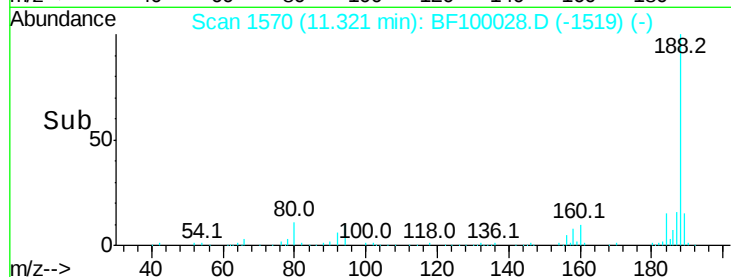
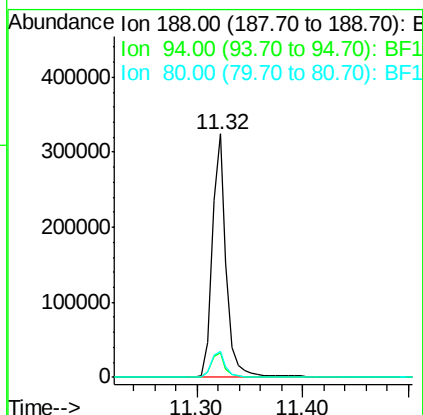
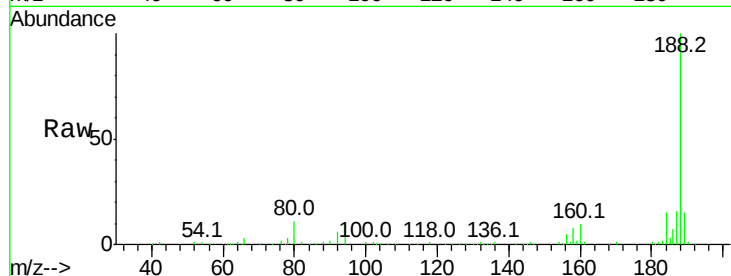




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

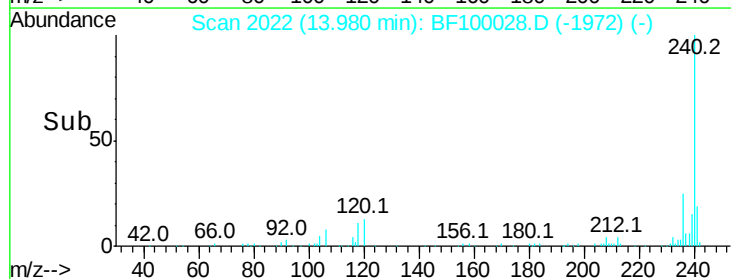
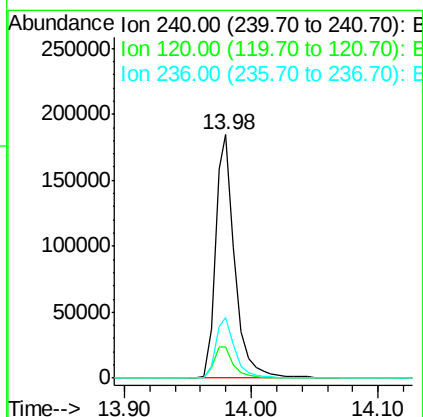
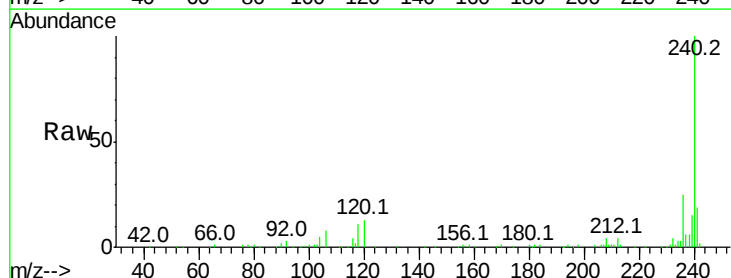
Instrument :
BNA_F
ClientSampleId :
PB103271TB

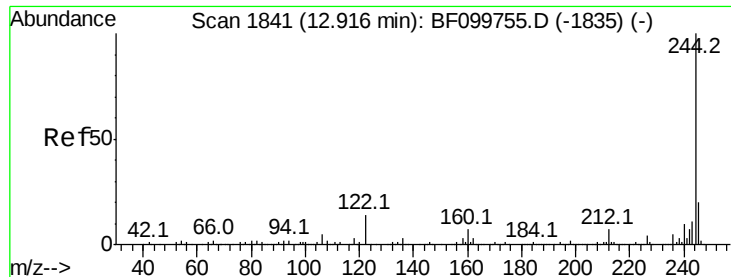
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100028.D
Acq: 1 Nov 2017 5:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	24.7	20.7	31.1





#78

Terphenyl-d14

Concen: 83.286 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

Instrument :

BNA_F

ClientSampleId :

PB103271TB

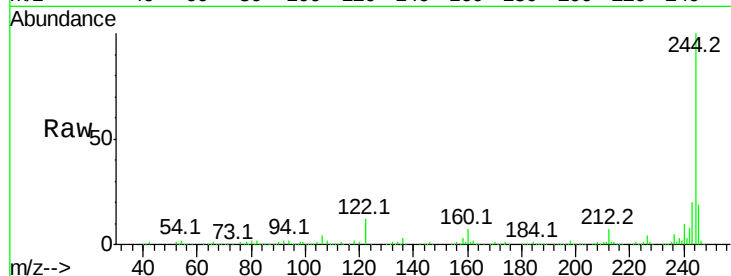
Tot Ion:244 Resp: 748780

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

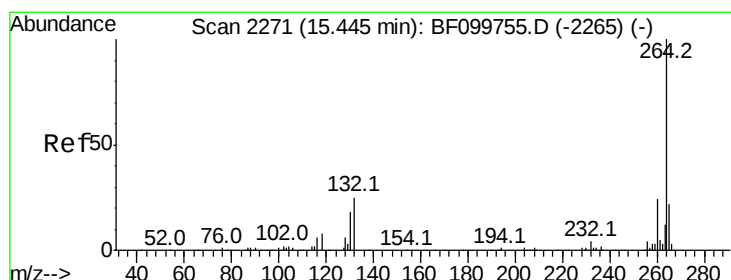
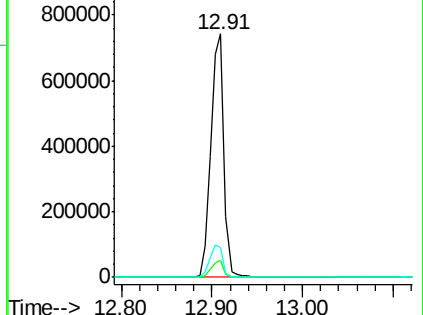
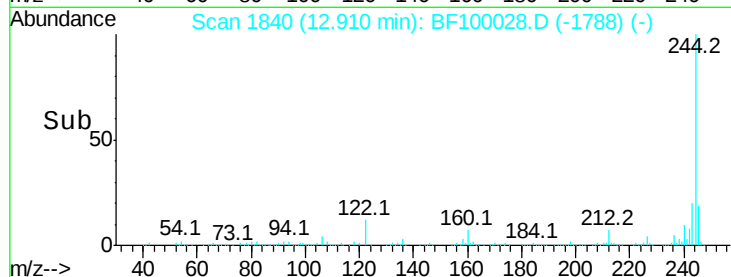
122 12.2 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100028.D

Acq: 1 Nov 2017 5:37

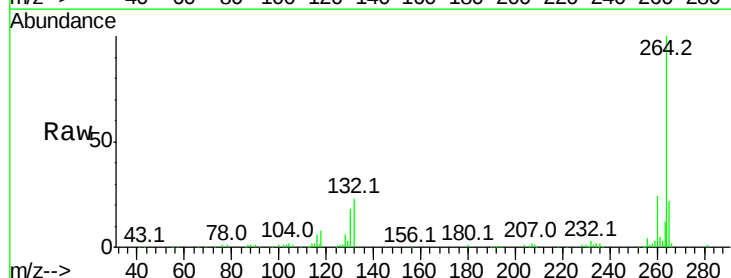
Tgt Ion:264 Resp: 163414

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.4 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

