

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099766.D
 Acq On : 23 Oct 2017 18:35
 Operator : SJ/JU
 Sample : PB103538TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538TB

Quant Time: Oct 23 23:45:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	388988	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	183791	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	313124	20.00	ng	0.00
75) Chrysene-d12	13.97	240	167648	20.00	ng	-0.01
86) Perylene-d12	15.44	264	167403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	596380	101.84	ng	0.01
7) Phenol-d6	6.45	99	704090	101.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	414295	68.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	155050	92.57	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	874661	73.42	ng	0.00
78) Terphenyl-d14	12.92	244	670120	87.35	ng	0.00

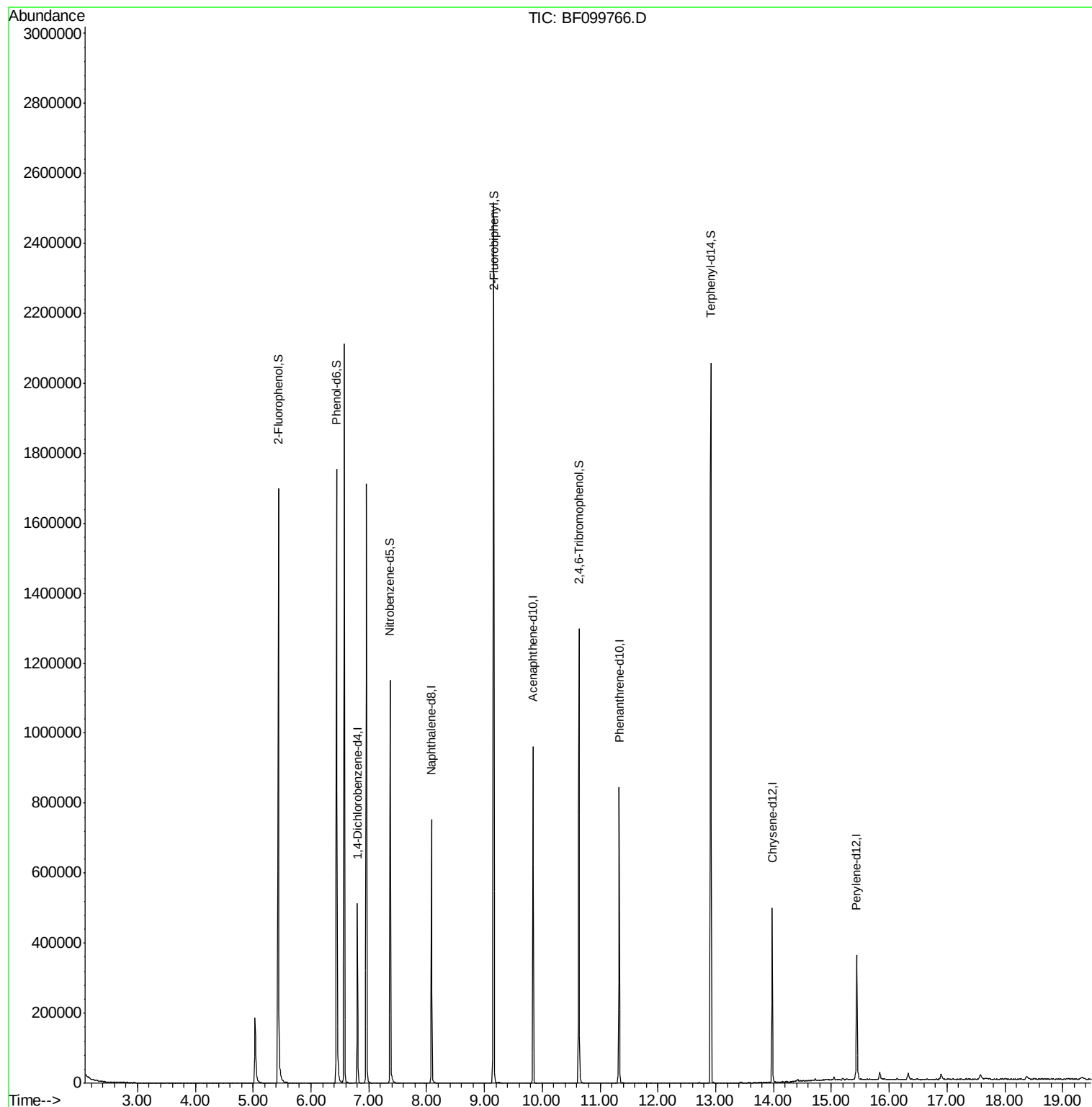
Target Compounds Qvalue

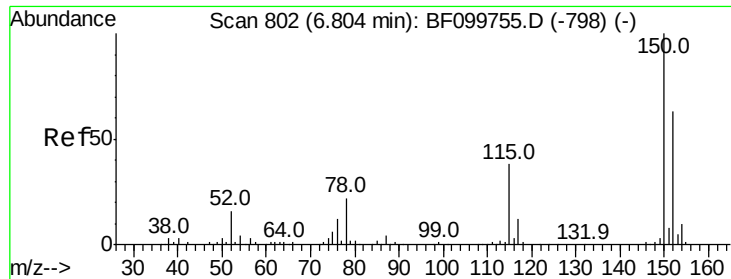
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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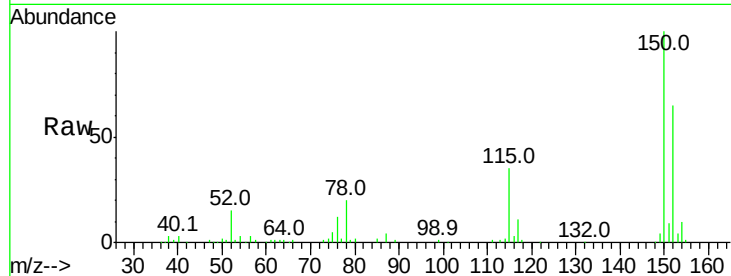


#1

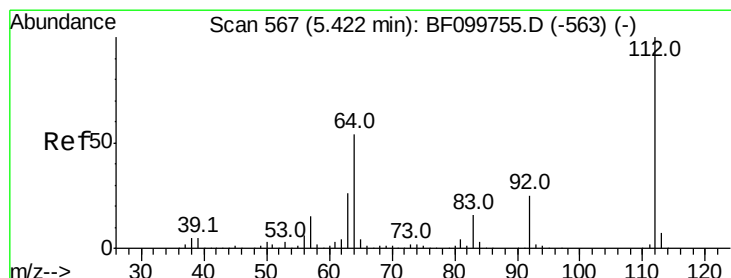
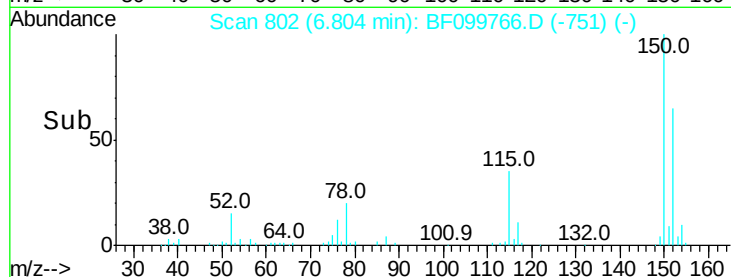
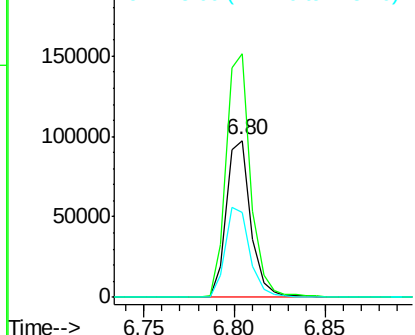
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Instrument :
BNA_F
ClientSampleId :
PB103538TB

Tot Ion:152 Resp: 91935
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 54.0 50.1 75.1



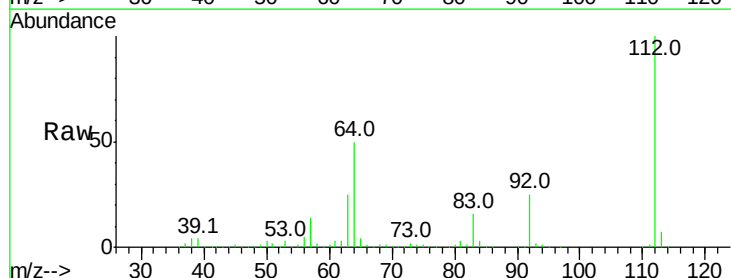
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



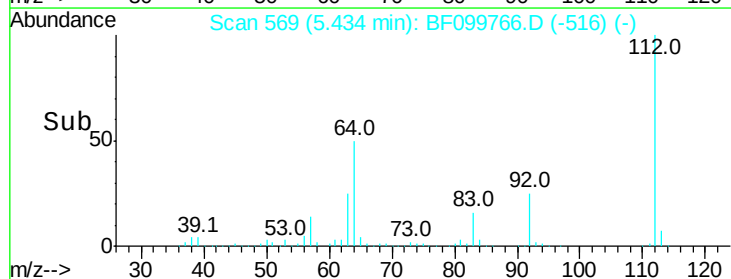
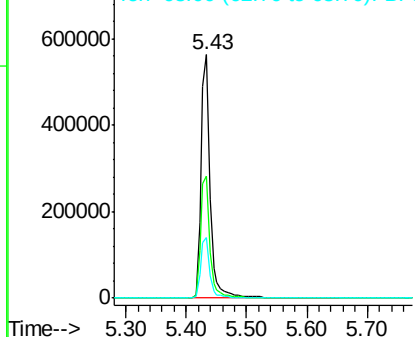
#5

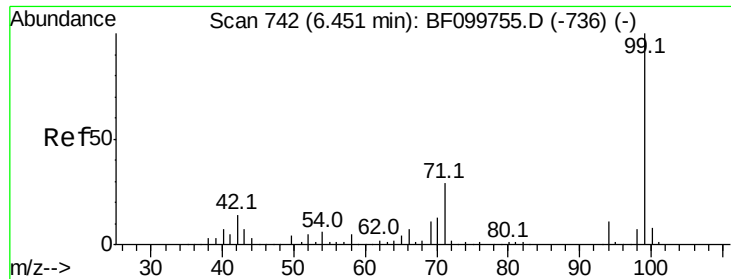
2-Fluorophenol
Concen: 101.843 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Tgt Ion:112 Resp: 596380
Ion Ratio Lower Upper
112 100
64 50.2 47.9 71.9
63 24.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.404 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099766.D

Acq: 23 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

PB103538TB

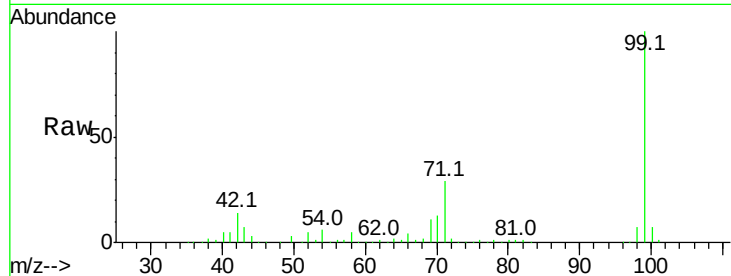
Tot Ion: 99 Resp: 704090

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

71 29.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

800000

600000

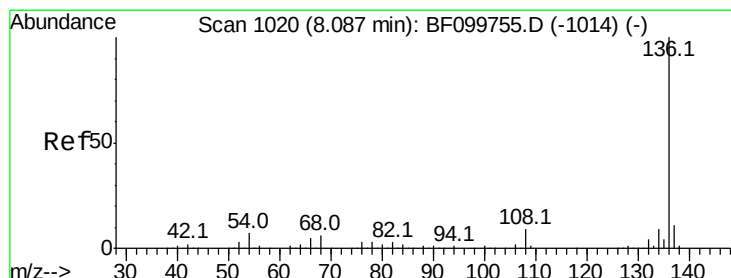
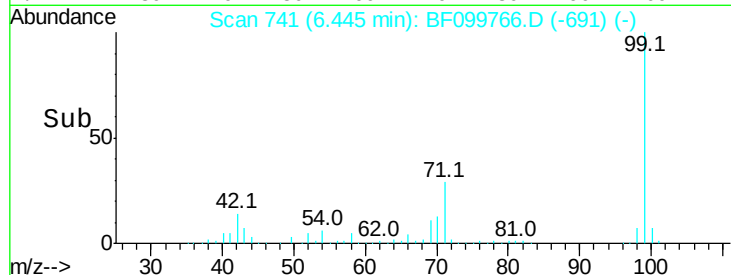
400000

200000

0

6.40 6.45 6.50 6.55 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099766.D

Acq: 23 Oct 2017 18:35

Tgt Ion:136 Resp: 388988

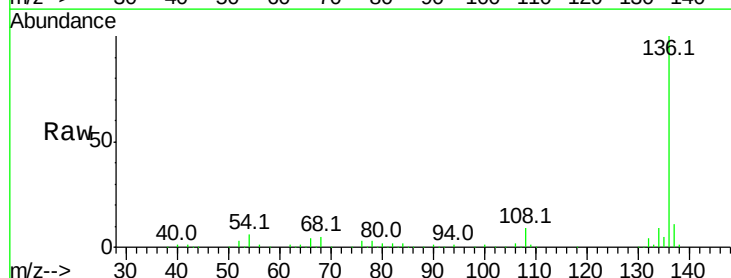
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 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): BF0

Ion 68.00 (67.70 to 68.70): BF0

600000

500000

400000

300000

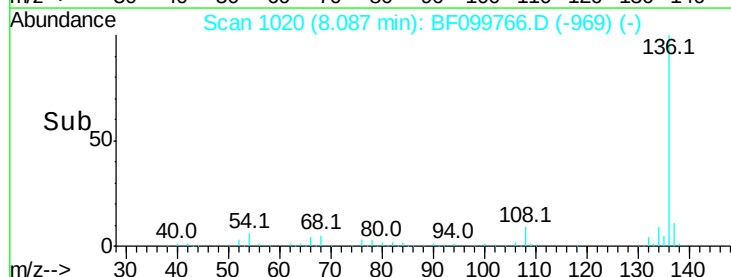
200000

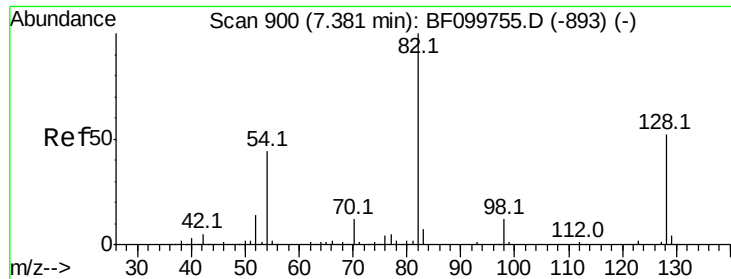
100000

0

8.00 8.10 8.20

Time-->

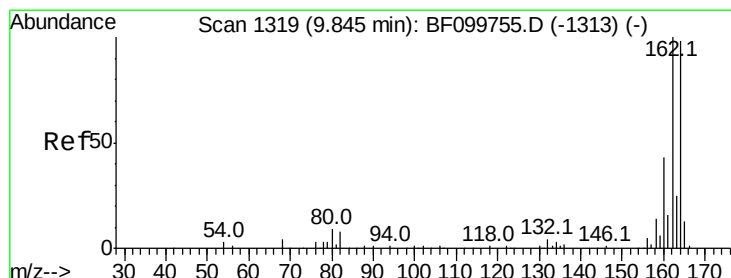
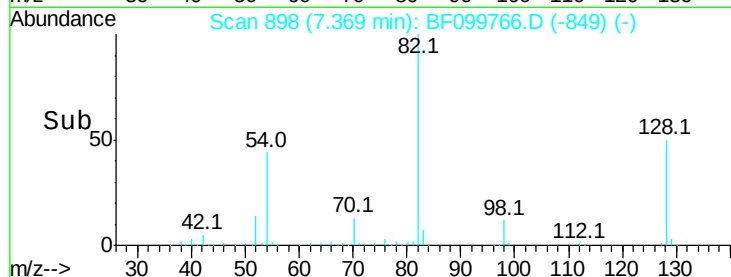
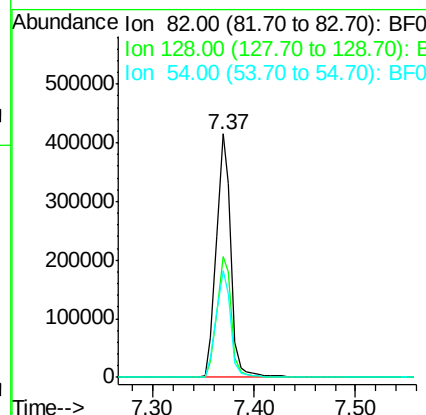
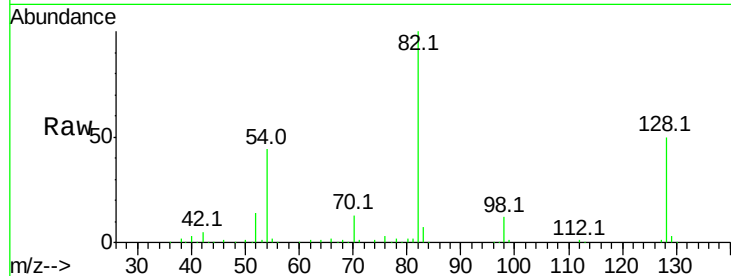




#23
 Nitrobenzene-d5
 Concen: 68.569 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

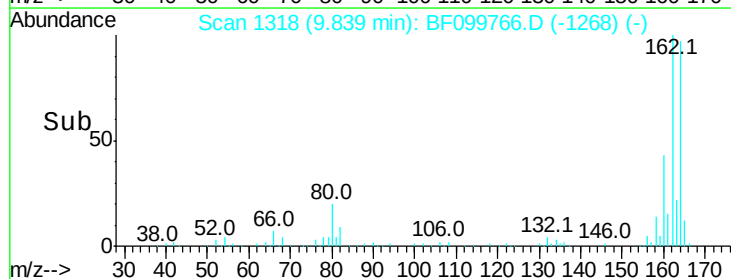
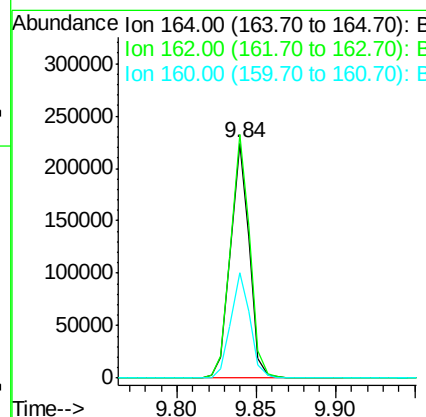
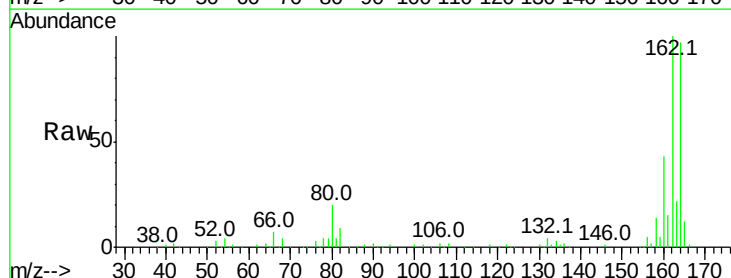
Instrument :
 BNA_F
 ClientSampled :
 PB103538TB

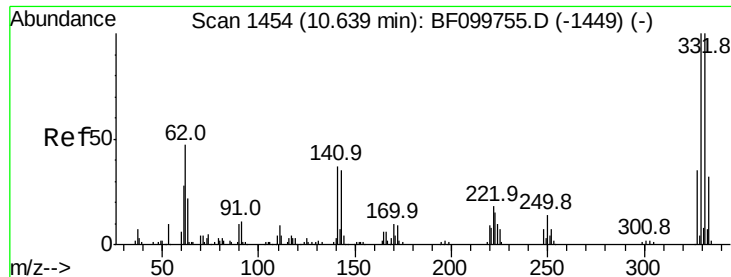
Tot Ion:	82	Resp:	414295
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	43.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Tgt Ion:	164	Resp:	183791
Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	44.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 92.572 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF099766.D

Acq: 23 Oct 2017 18:35

Instrument :

BNA_F

ClientSampleId :

PB103538TB

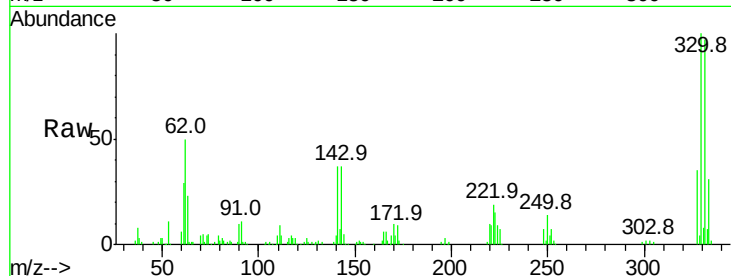
Tot Ion:330 Resp: 155050

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

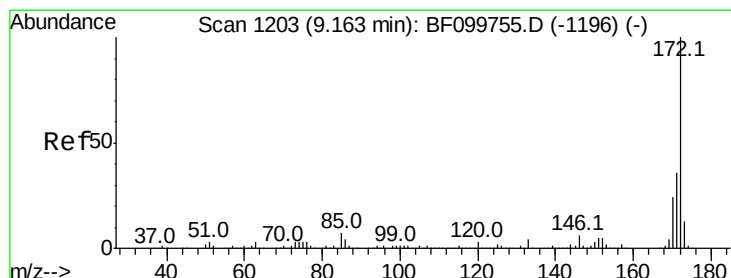
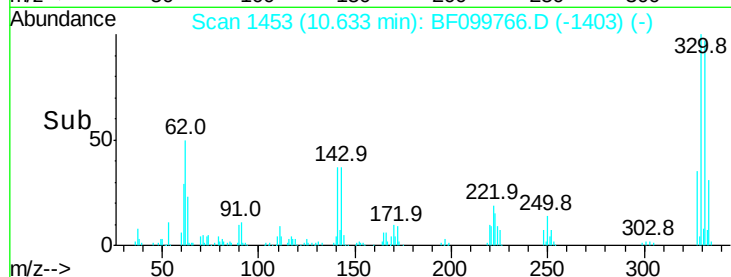
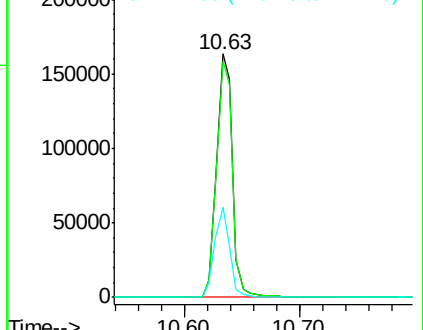
141 35.0 29.9 44.9



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: 73.424 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF099766.D

Acq: 23 Oct 2017 18:35

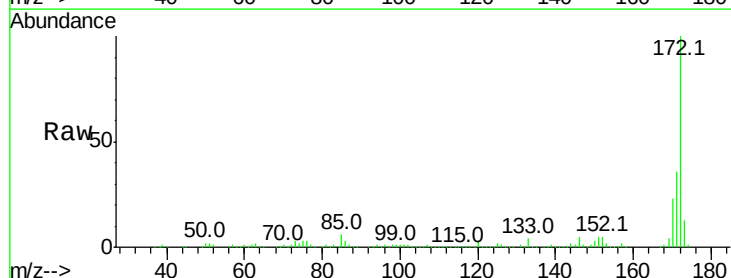
Tgt Ion:172 Resp: 874661

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

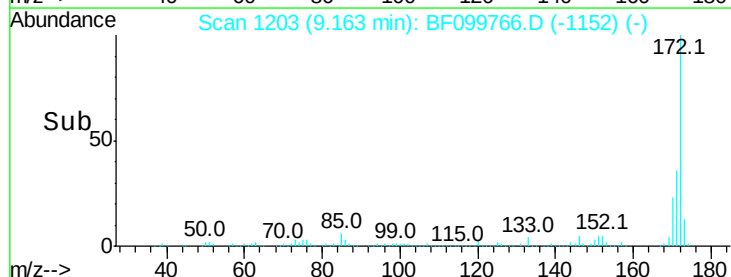
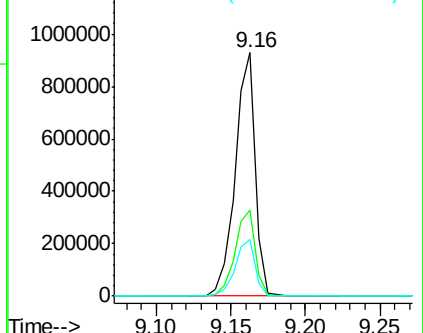
170 23.3 19.6 29.4

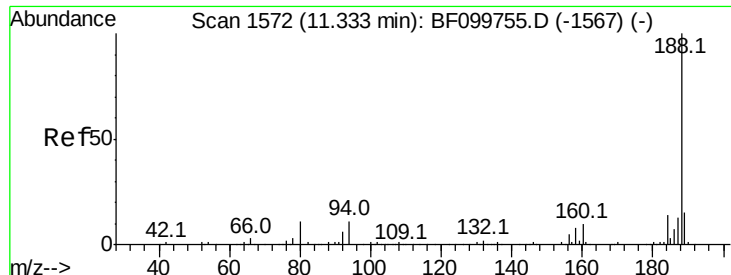


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

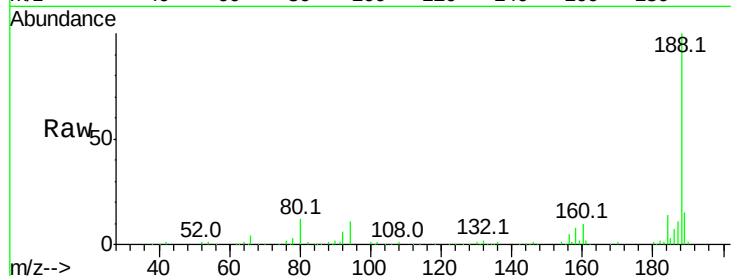




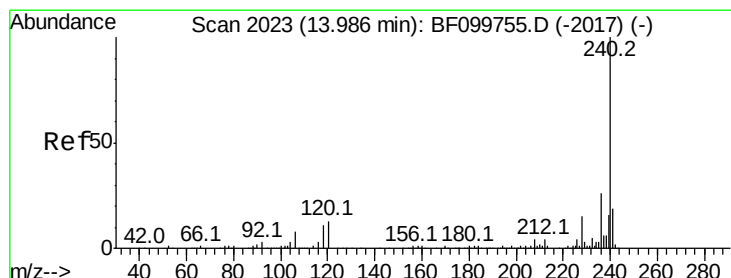
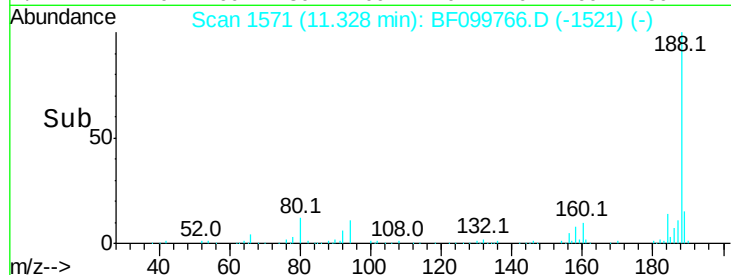
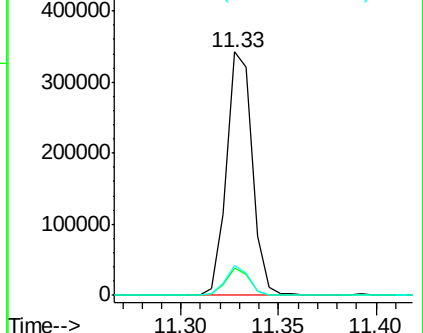
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Instrument :
BNA_F
ClientSampleId :
PB103538TB

Tot Ion:188 Resp: 313124
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.2 9.2 13.8

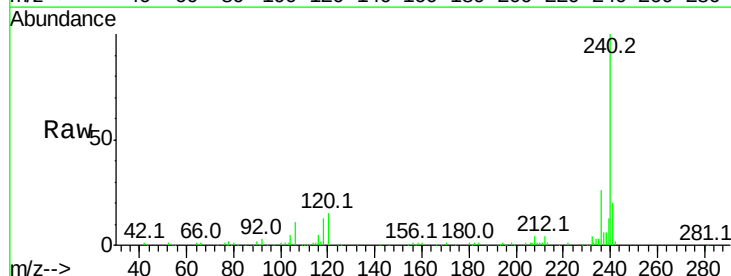


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

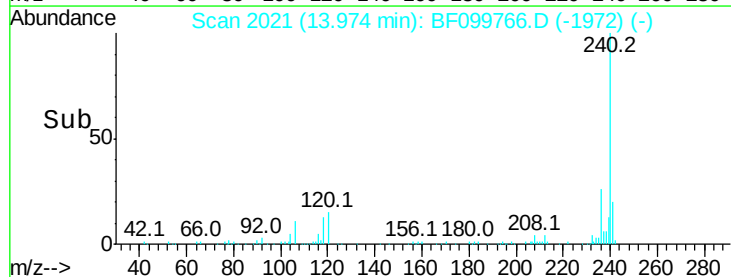
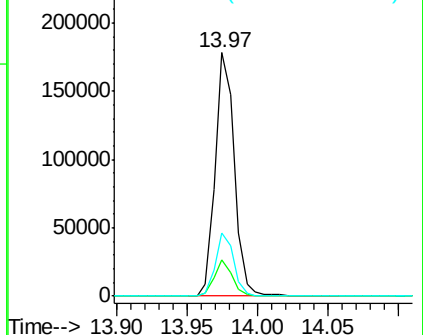


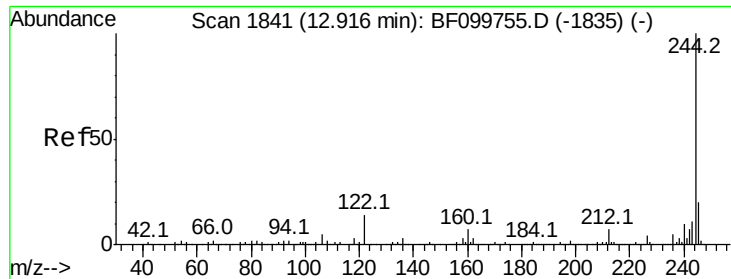
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099766.D
Acq: 23 Oct 2017 18:35

Tgt Ion:240 Resp: 167648
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.8 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

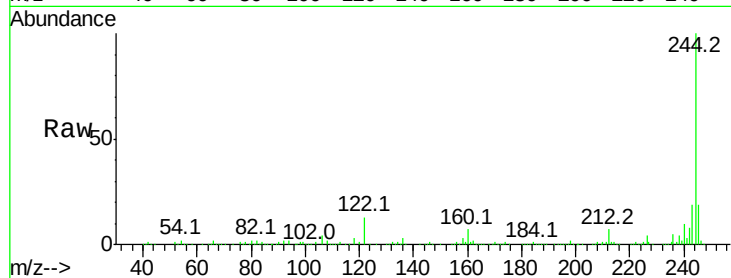




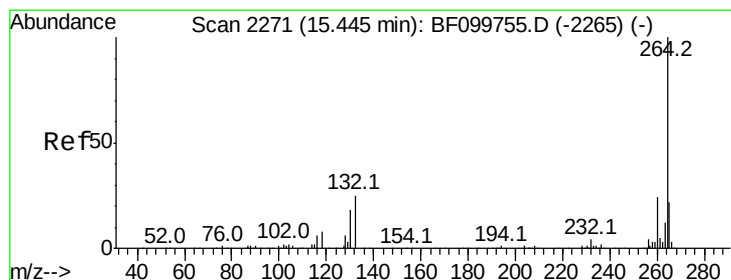
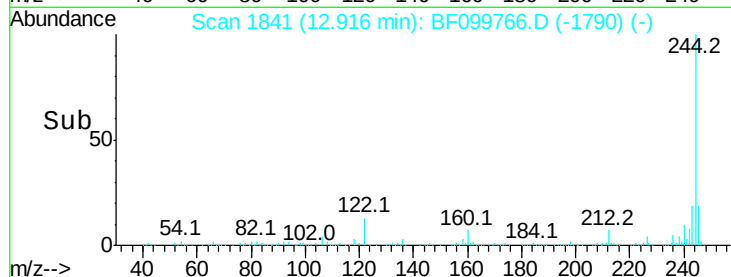
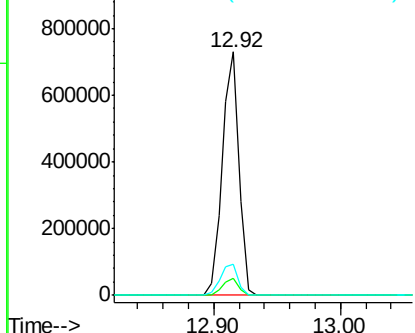
#78
 Terphenyl-d14
 Concen: 87.353 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB103538TB

Tot Ion:244 Resp: 670120
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.6 11.0 16.4

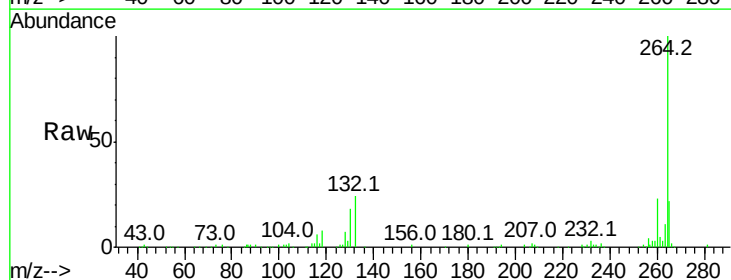


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF099766.D
 Acq: 23 Oct 2017 18:35

Tgt Ion:264 Resp: 167403
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 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

