

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099214.D
 Acq On : 8 Oct 2017 1:58
 Operator : SJ/JU
 Sample : PB103045TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Quant Time: Oct 08 05:26:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121649	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	460231	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	176233	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	268090	20.00	ng	0.00
75) Chrysene-d12	14.03	240	207018	20.00	ng	0.00
86) Perylene-d12	15.50	264	155753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	847819	110.95	ng	0.02
7) Phenol-d6	6.50	99	993135	105.35	ng	0.00
23) Nitrobenzene-d5	7.43	82	561092	78.18	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	141223	97.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	989347	93.72	ng	0.00
78) Terphenyl-d14	12.97	244	698693	76.76	ng	0.00

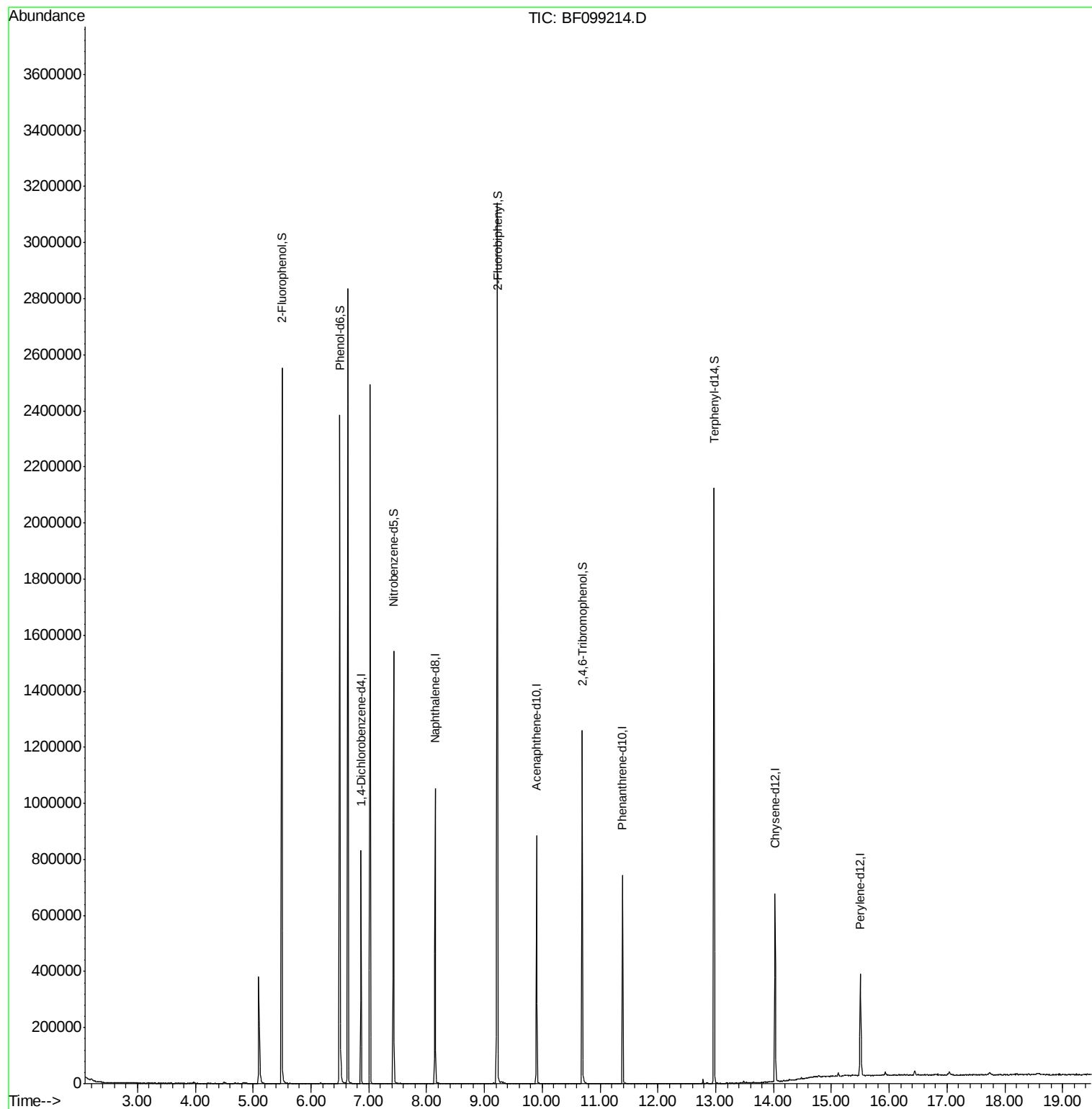
Target Compounds Qvalue

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

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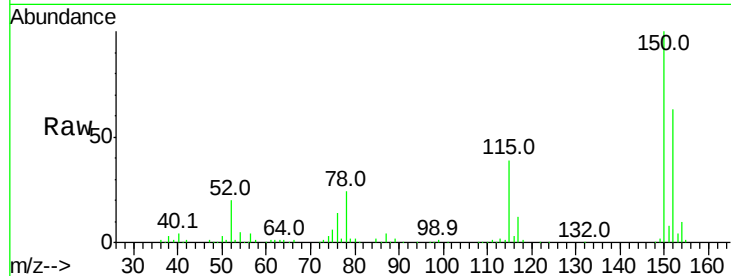


#1

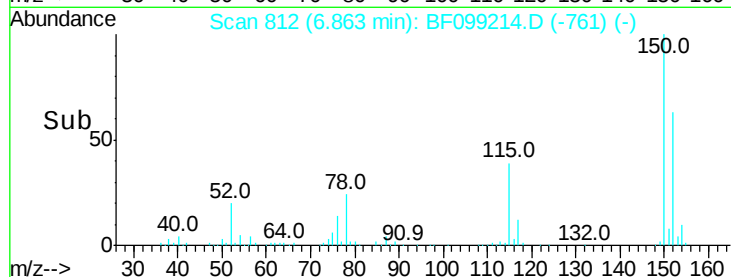
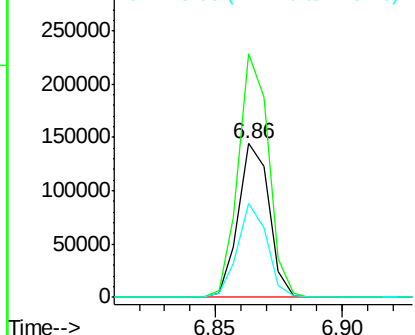
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF099214.D
 Acq: 8 Oct 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Tot Ion:152 Resp: 121649
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.4 50.1 75.1



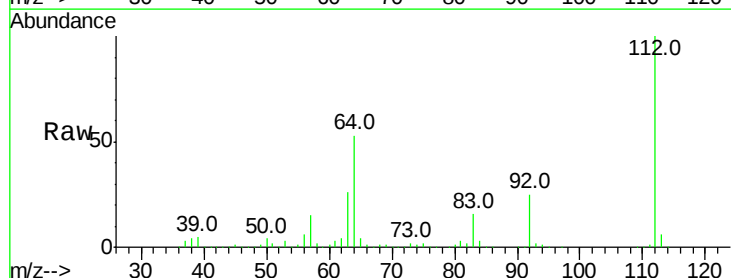
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



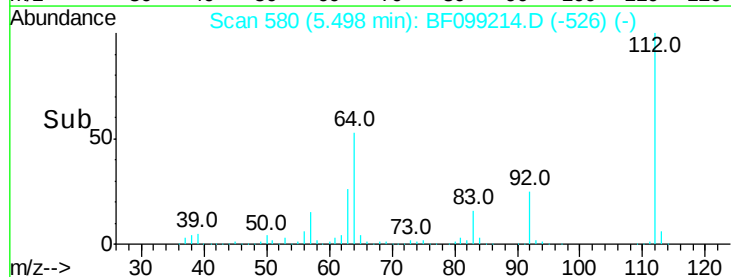
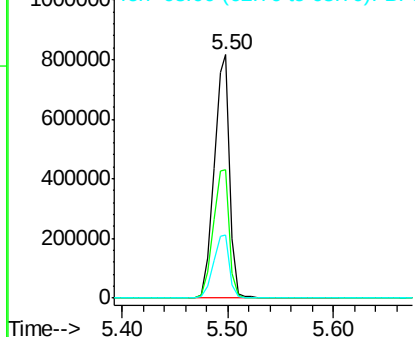
#5

2-Fluorophenol
 Concen: 110.946 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099214.D
 Acq: 8 Oct 2017 1:58

Tgt Ion:112 Resp: 847819
 Ion Ratio Lower Upper
 112 100
 64 52.7 47.9 71.9
 63 26.0 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: 105.351 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099214.D

Acq: 8 Oct 2017 1:58

Instrument :

BNA_F

ClientSampleId :

PB103045TB

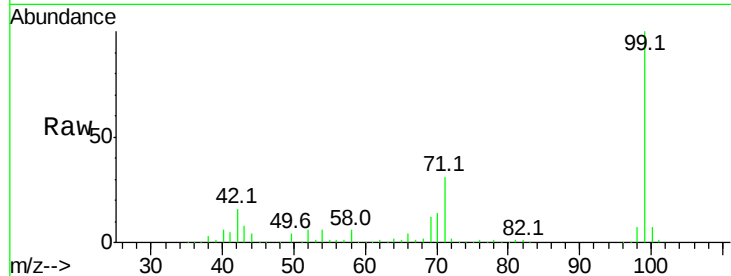
Tot Ion: 99 Resp: 993135

Ion Ratio Lower Upper

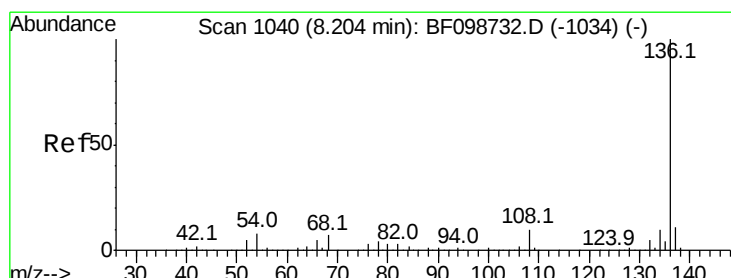
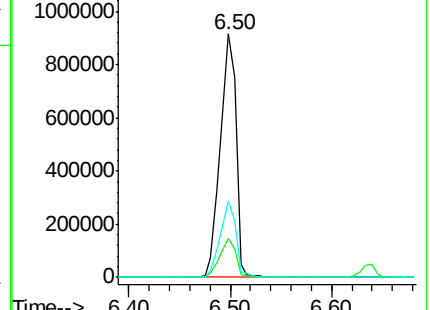
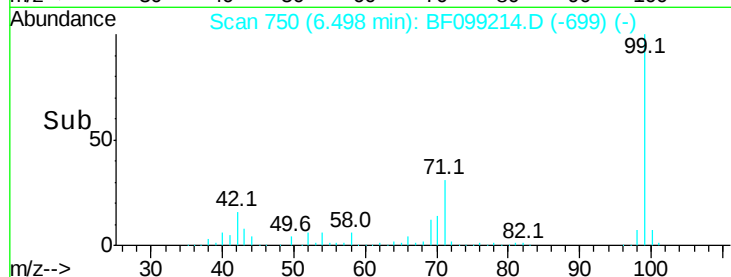
99 100

42 15.7 14.5 21.7

71 30.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF099214.D

Acq: 8 Oct 2017 1:58

Tgt Ion: 136 Resp: 460231

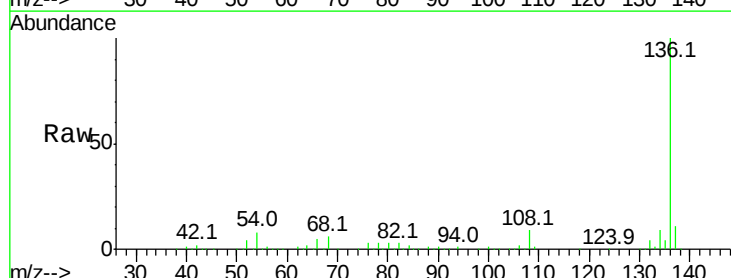
Ion Ratio Lower Upper

136 100

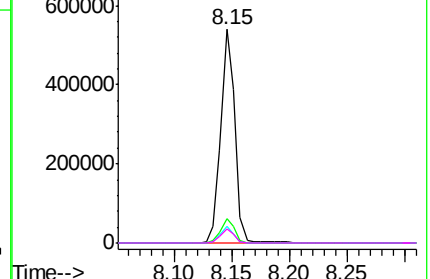
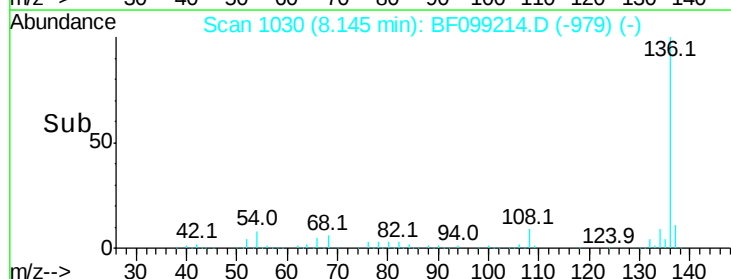
137 11.5 8.9 13.3

54 7.8 6.6 9.8

68 6.5 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

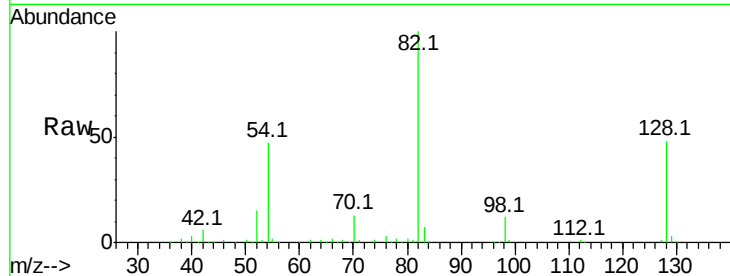




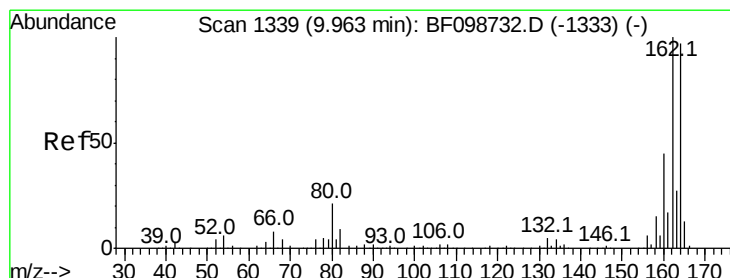
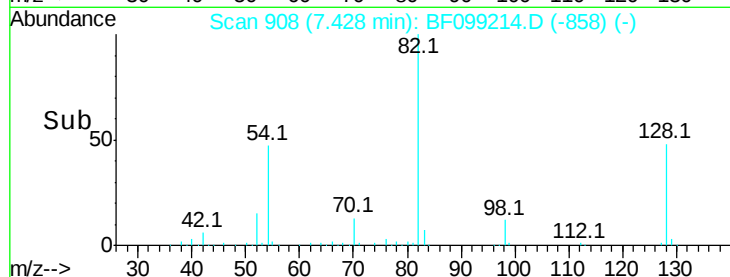
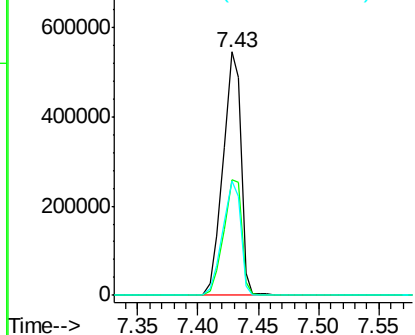
#23
Nitrobenzene-d5
Concen: 78.184 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099214.D
Acq: 8 Oct 2017 1:58

Instrument :
BNA_F
ClientSampleId :
PB103045TB

Tot Ion: 82 Resp: 561092
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 47.1 41.4 62.2

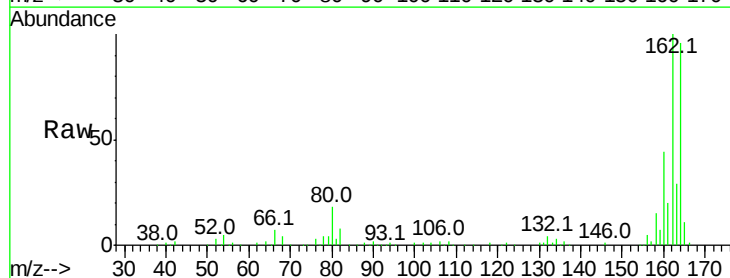


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

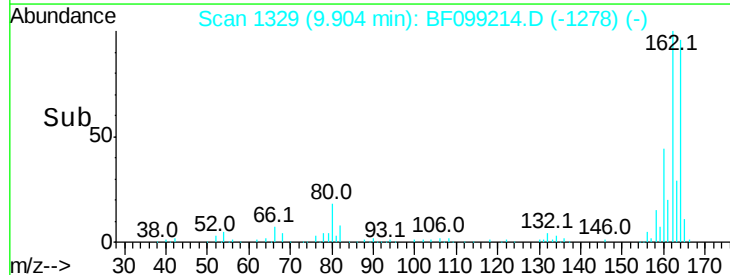
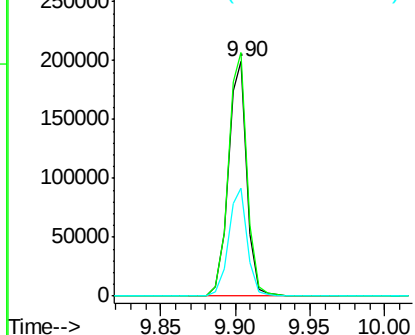


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099214.D
Acq: 8 Oct 2017 1:58

Tgt Ion:164 Resp: 176233
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.2 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

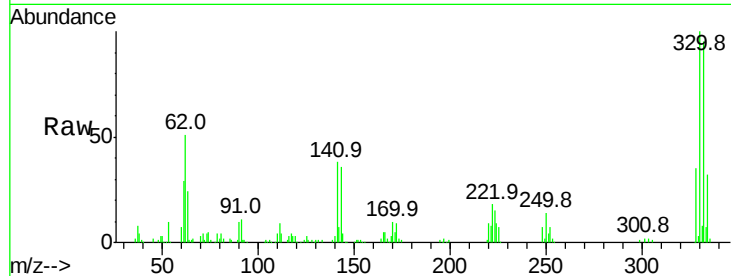




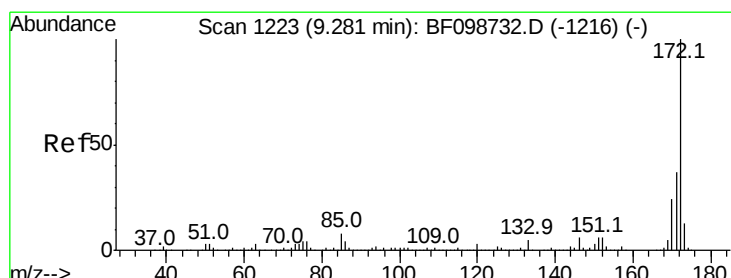
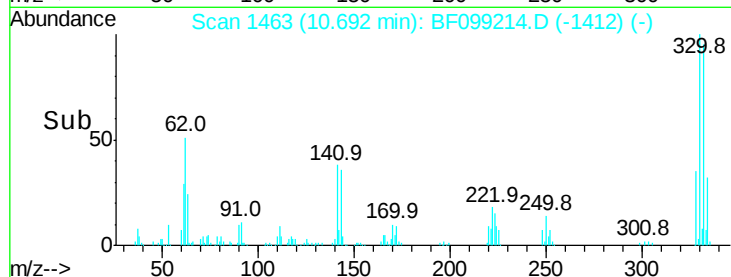
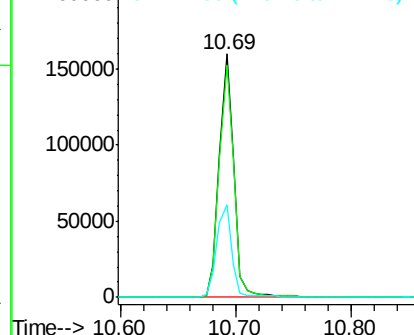
#41
 2,4,6-Tribromophenol
 Concen: 97.931 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF099214.D
 Acq: 8 Oct 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.6	29.9	44.9

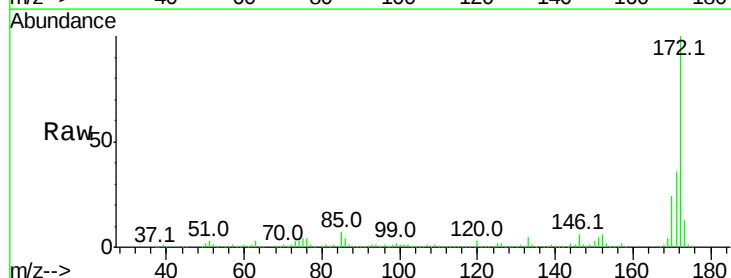


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

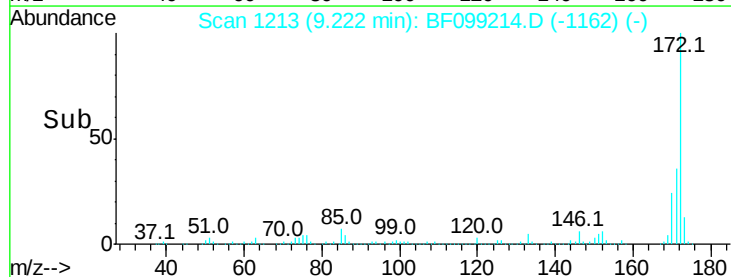
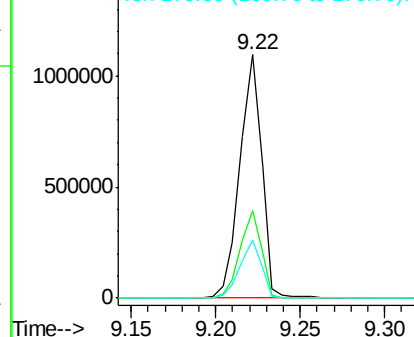


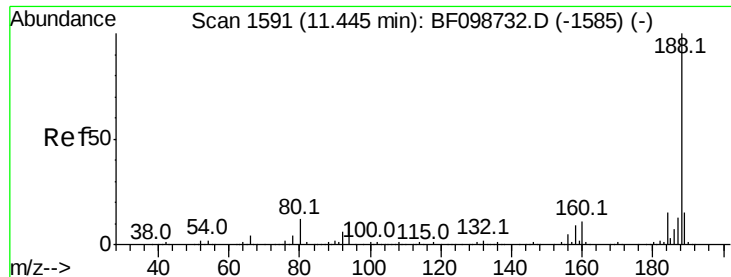
#44
 2-Fluorobiphenyl
 Concen: 93.719 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF099214.D
 Acq: 8 Oct 2017 1:58

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

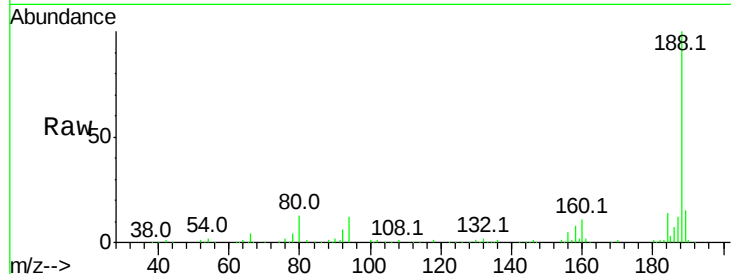




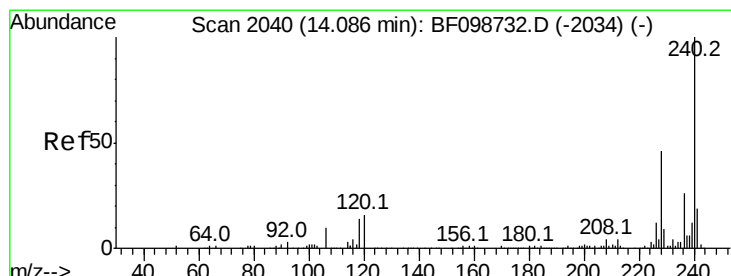
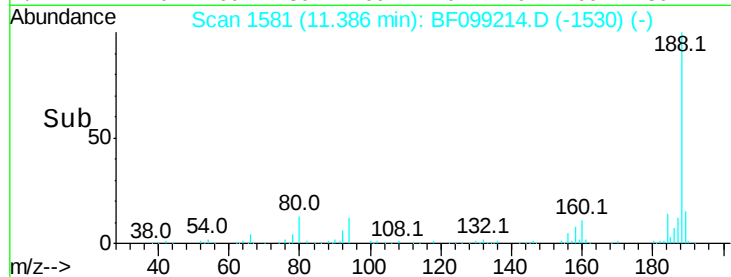
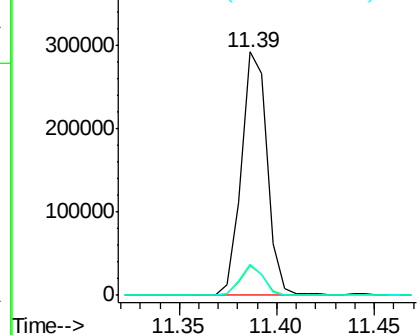
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF099214.D
 Acq: 8 Oct 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB103045TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.5	9.2	13.8

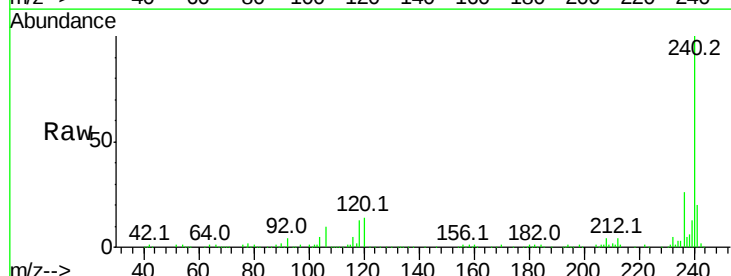


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

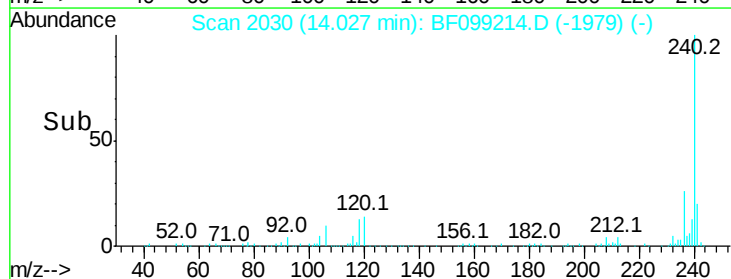
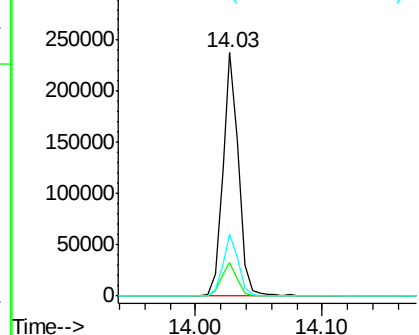


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF099214.D
 Acq: 8 Oct 2017 1:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.5	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: 76.755 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF099214.D

Acq: 8 Oct 2017 1:58

Instrument :

BNA_F

ClientSampleId :

PB103045TB

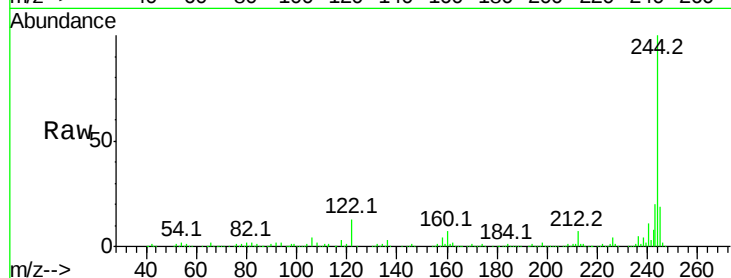
Tot Ion:244 Resp: 698693

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

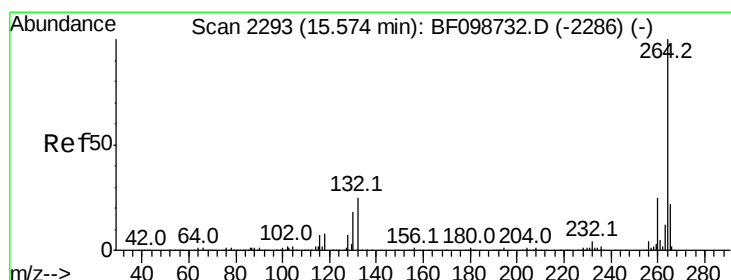
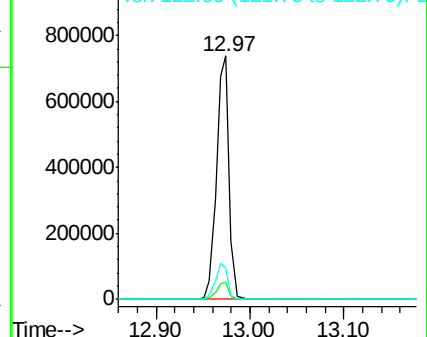
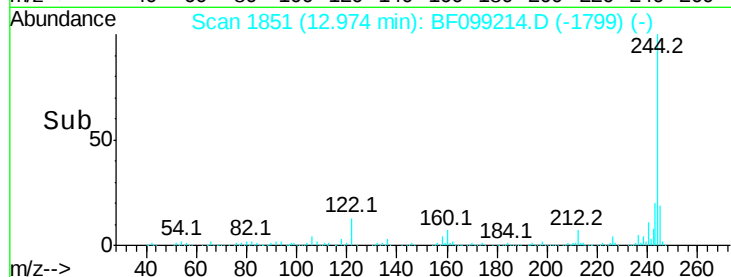
122 12.8 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF099214.D

Acq: 8 Oct 2017 1:58

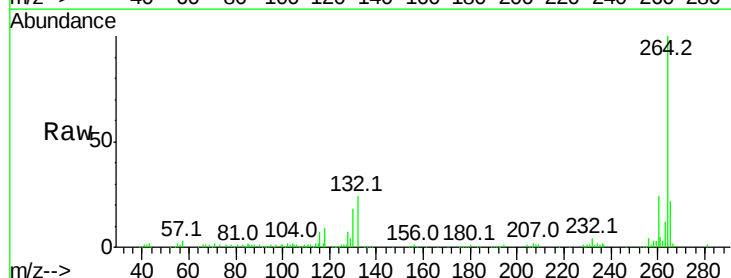
Tgt Ion:264 Resp: 155753

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 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

