

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099207.D
 Acq On : 7 Oct 2017 21:18
 Operator : SJ/JU
 Sample : I5587-03 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G28A-2-4

Quant Time: Oct 08 05:07:51 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	117386	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	434934	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	164063	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	256679	20.00	ng	0.00
75) Chrysene-d12	14.03	240	206195	20.00	ng	0.00
86) Perylene-d12	15.51	264	150829	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	72109	9.78	ng	0.00
7) Phenol-d6	6.49	99	82777	9.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	40892	6.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	9682	7.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	84106	8.56	ng	0.00
78) Terphenyl-d14	12.97	244	62015	6.84	ng	0.00

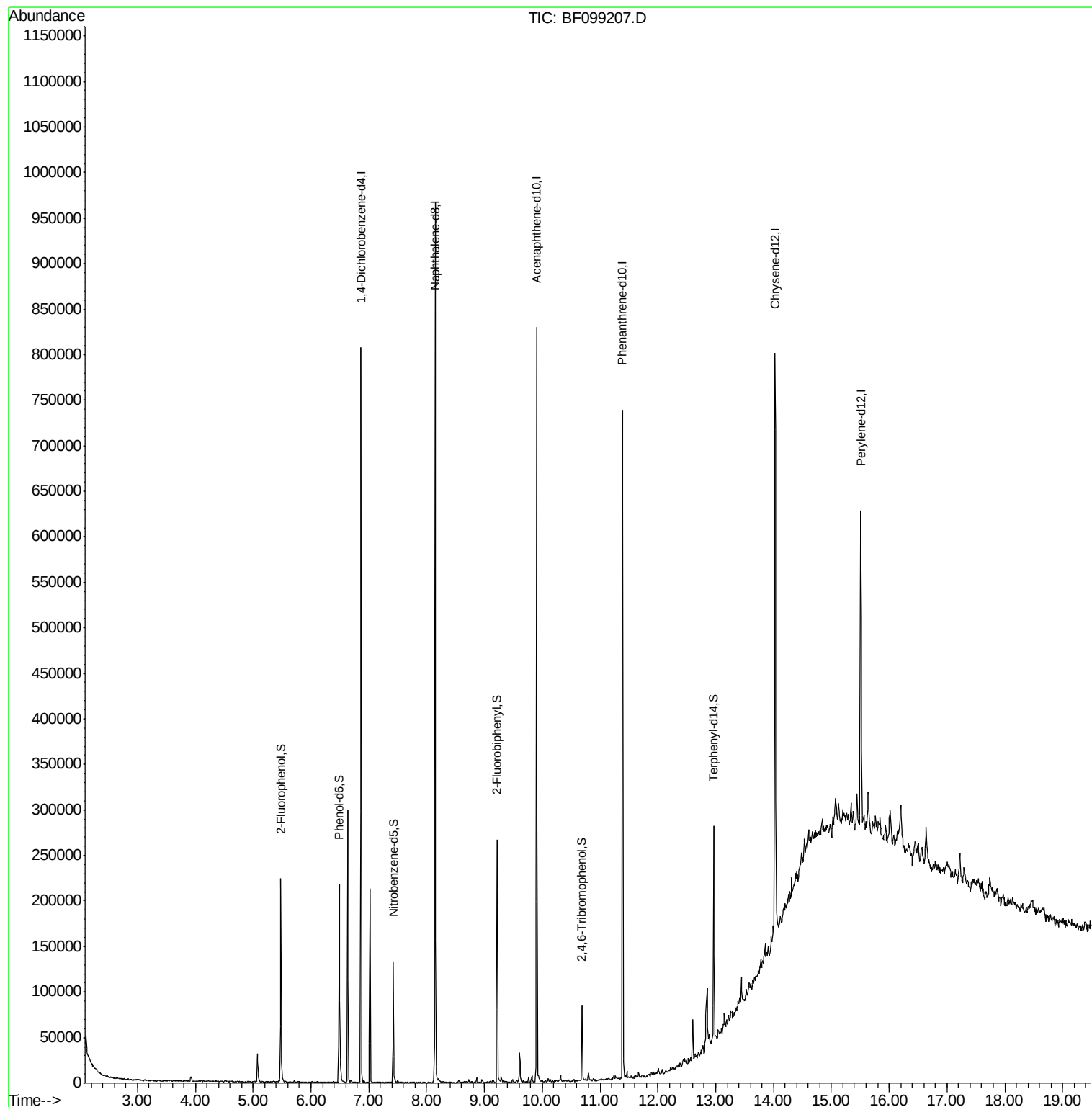
Target Compounds Qvalue

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

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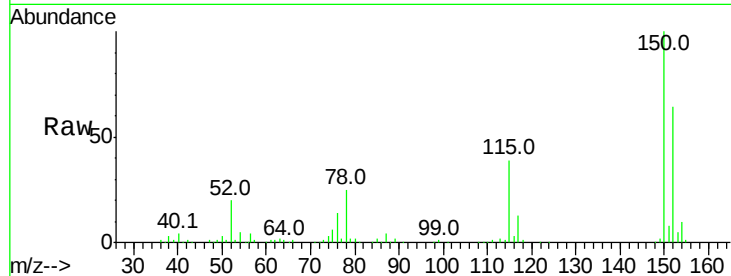


#1

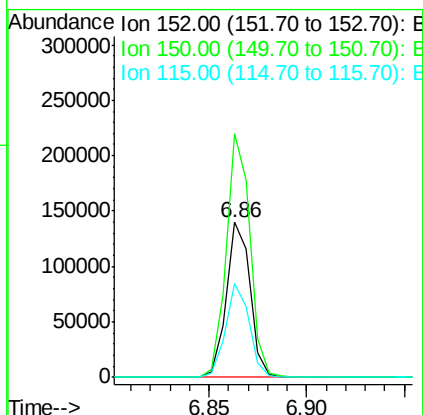
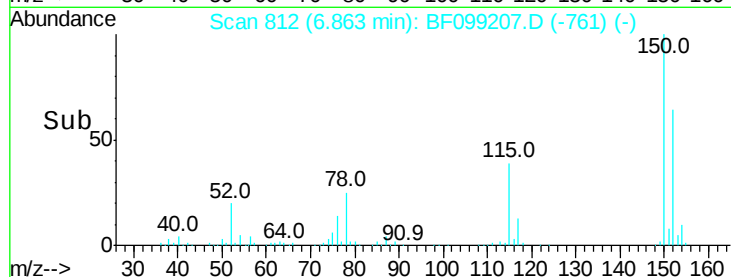
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Instrument :
 BNA_F
 ClientSampleId :
 G28A-2-4

Tot Ion:152 Resp: 117386
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 60.9 50.1 75.1



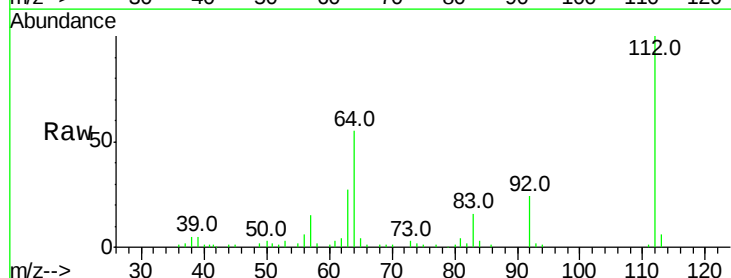
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



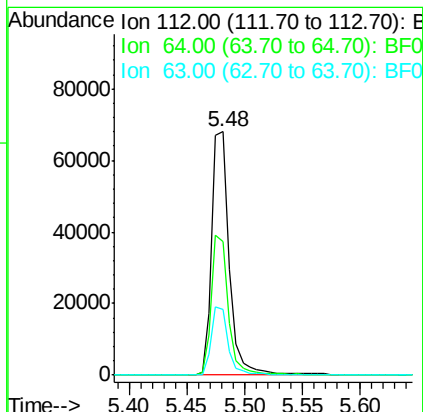
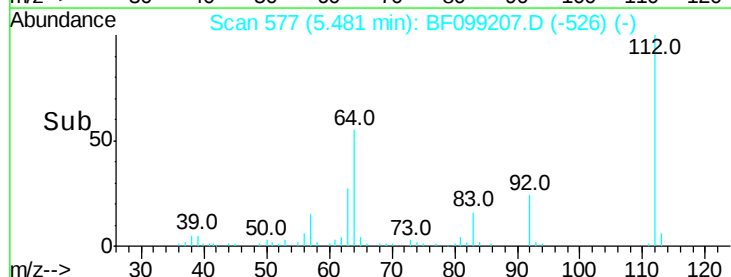
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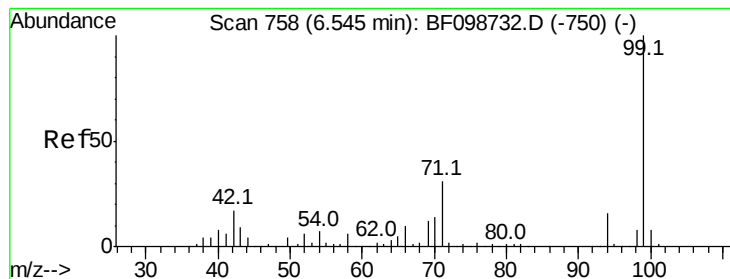
2-Fluorophenol
 Concen: 9.779 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Tgt Ion:112 Resp: 72109
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 26.9 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: 9.100 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099207.D

Acq: 7 Oct 2017 21:18

Instrument :

BNA_F

ClientSampled :

G28A-2-4

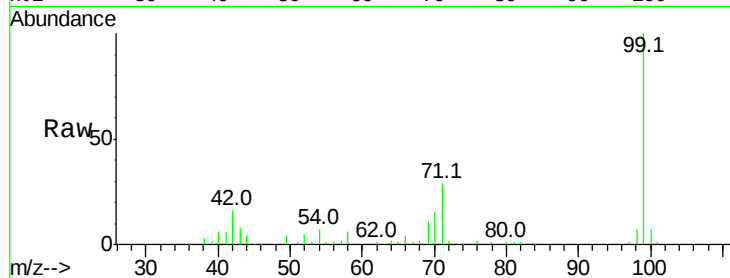
Tot Ion: 99 Resp: 82777

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

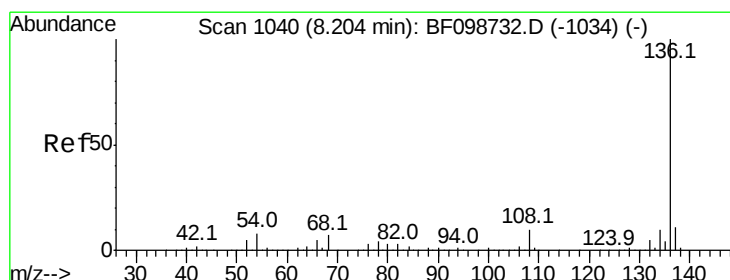
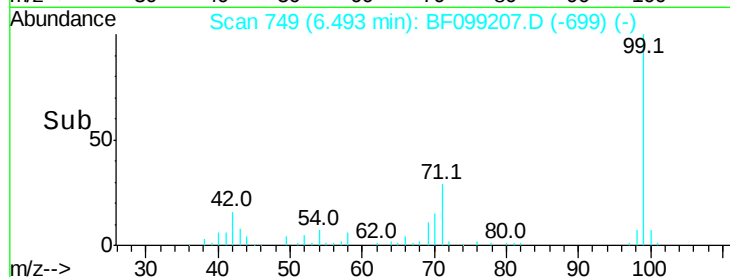
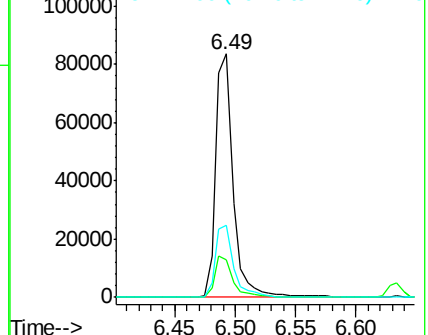
71 29.5 25.4 38.0



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: BF099207.D

Acq: 7 Oct 2017 21:18

Tgt Ion: 136 Resp: 434934

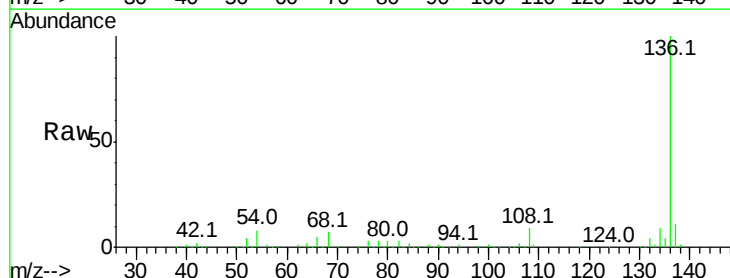
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.9 6.6 9.8

68 6.6 5.0 7.4

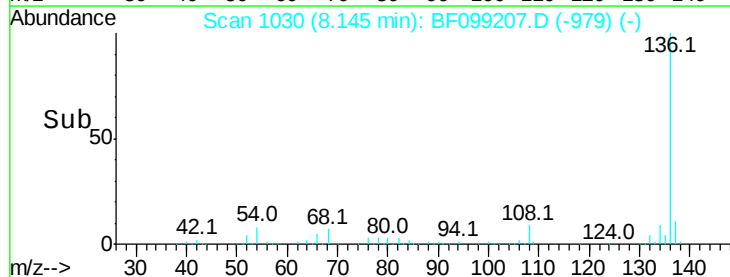
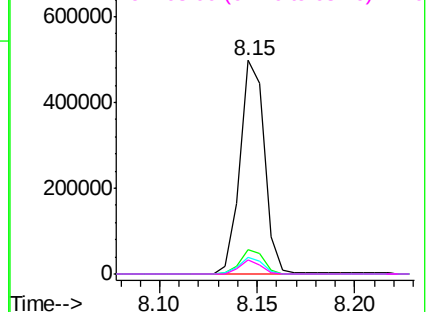


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

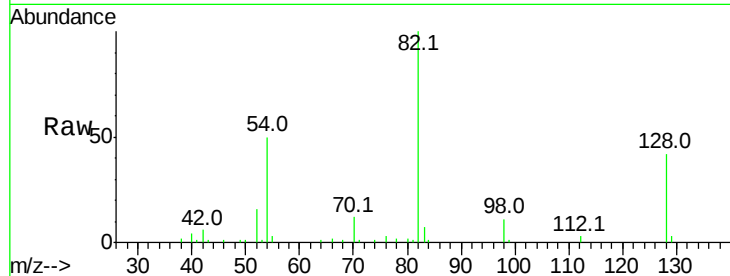




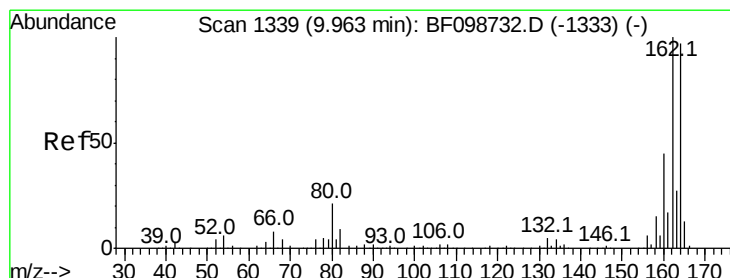
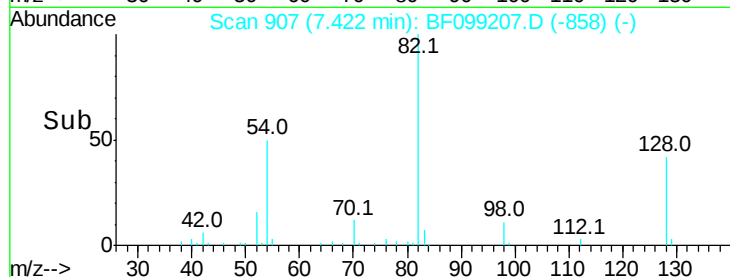
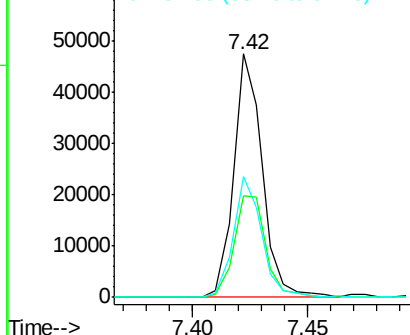
#23
 Nitrobenzene-d5
 Concen: 6.029 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Instrument :
 BNA_F
 ClientSampleId :
 G28A-2-4

Tot Ion	82	Resp	40892
Ion Ratio	Lower	Upper	
82	100		
128	41.6	36.1	54.1
54	49.7	41.4	62.2

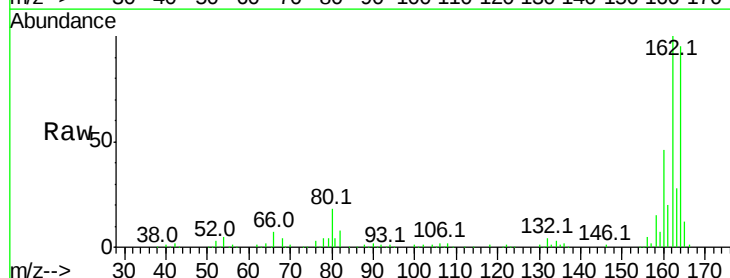


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

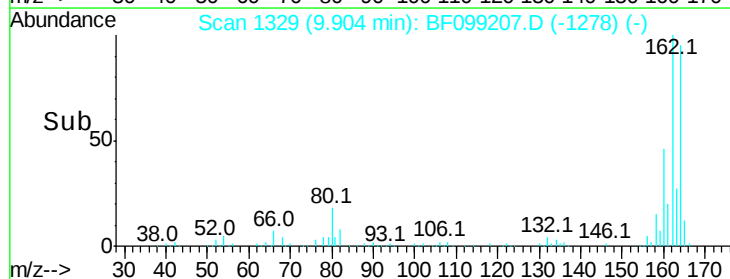
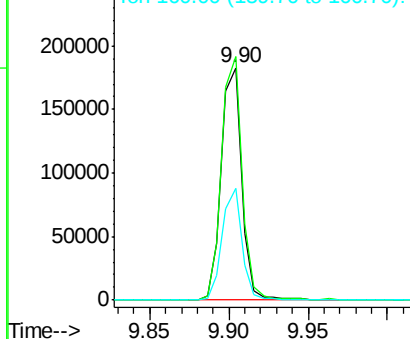


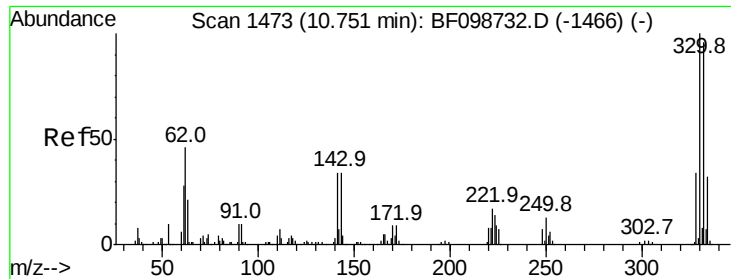
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Tgt Ion	164	Resp	164063
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.1	129.1
160	47.9	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

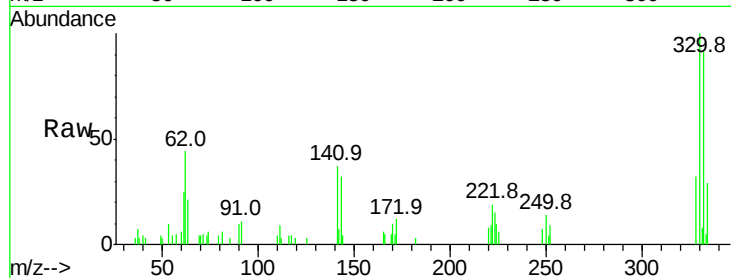




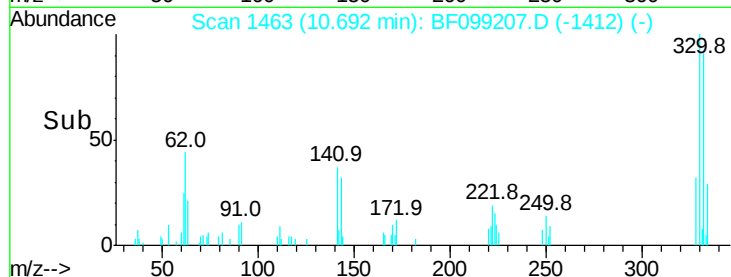
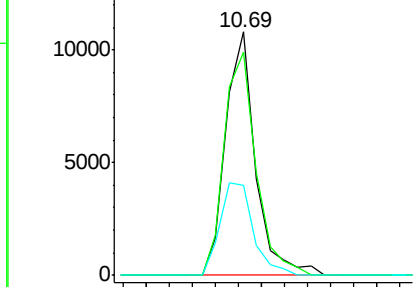
#41
 2,4,6-Tribromophenol
 Concen: 7.212 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Instrument :
 BNA_F
 ClientSampleId :
 G28A-2-4

Tot Ion:330 Resp: 9682
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 42.3 29.9 44.9

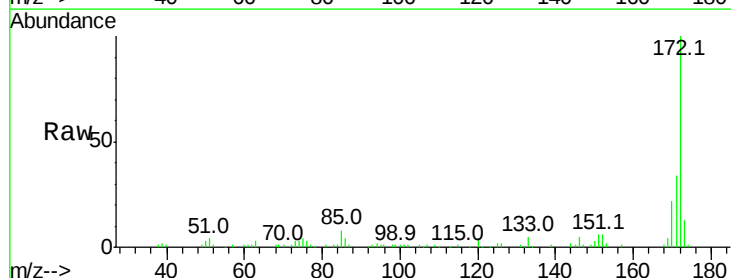


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

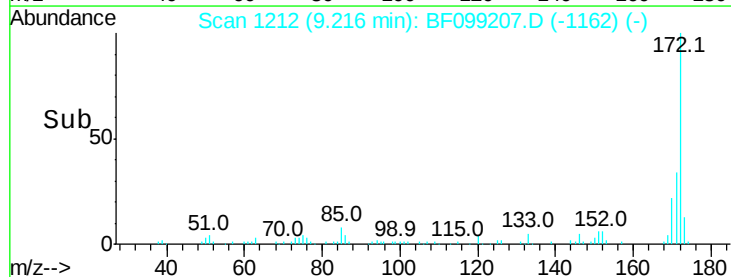
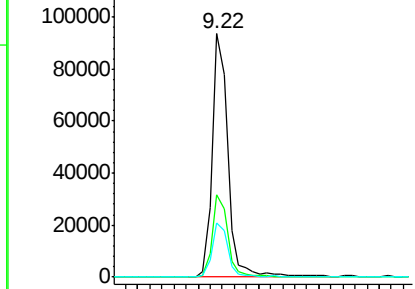


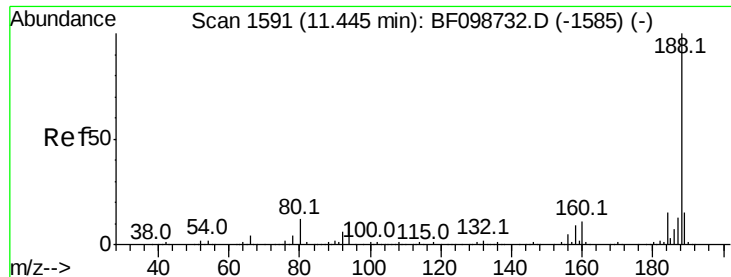
#44
 2-Fluorobiphenyl
 Concen: 8.558 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099207.D
 Acq: 7 Oct 2017 21:18

Tgt Ion:172 Resp: 84106
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 22.0 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

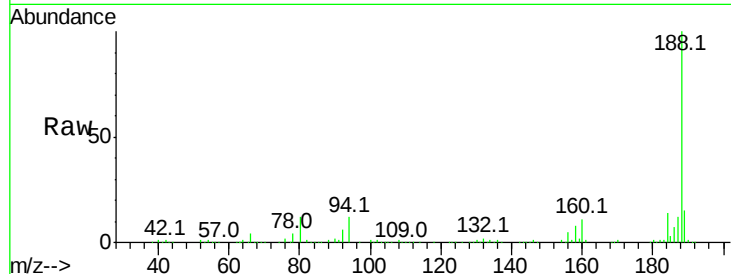




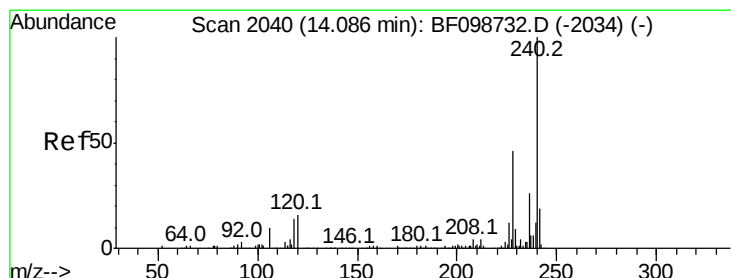
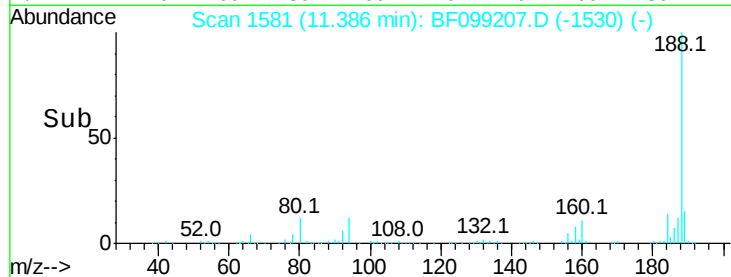
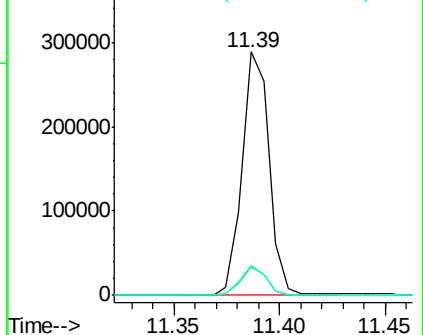
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Instrument :
BNA_F
ClientSampleId :
G28A-2-4

Tot Ion:188 Resp: 256679
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.1 9.2 13.8

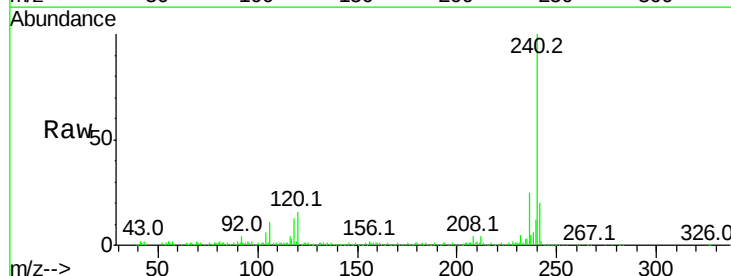


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

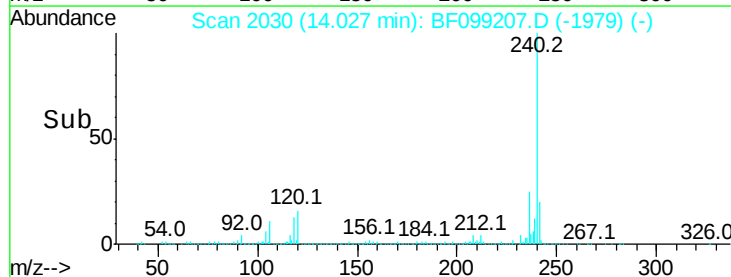
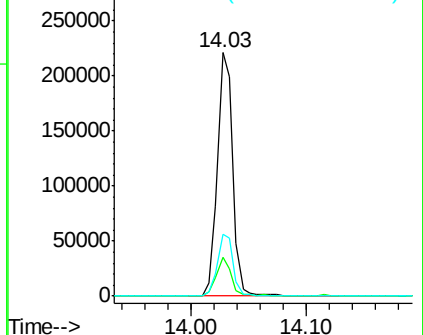


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF099207.D
Acq: 7 Oct 2017 21:18

Tgt Ion:240 Resp: 206195
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 25.4 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: 6.840 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF099207.D

Acq: 7 Oct 2017 21:18

Instrument :

BNA_F

ClientSampled :

G28A-2-4

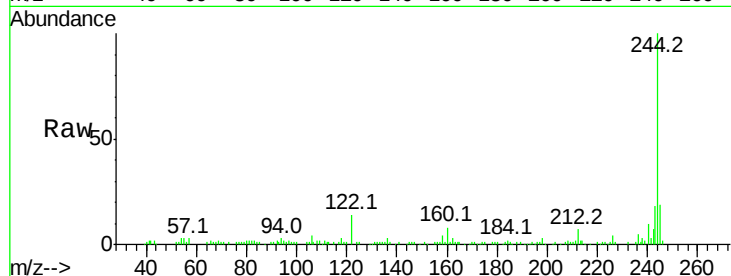
Tot Ion:244 Resp: 62015

Ion Ratio Lower Upper

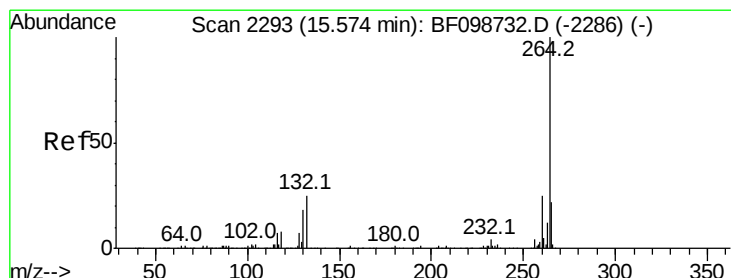
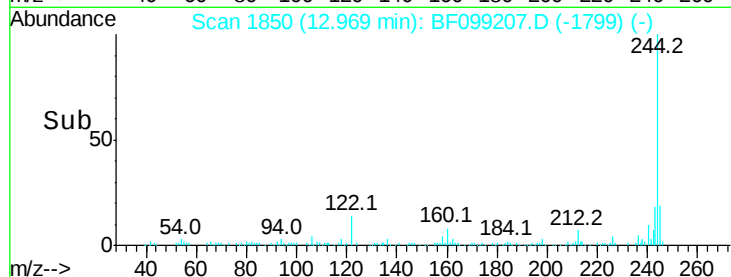
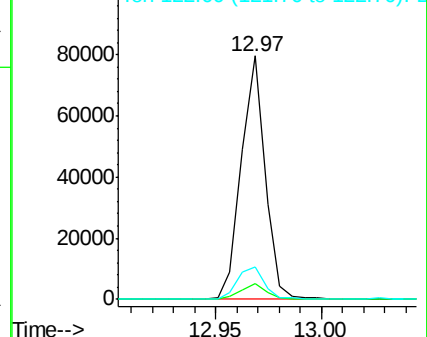
244 100

212 6.7 5.4 8.0

122 13.5 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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF099207.D

Acq: 7 Oct 2017 21:18

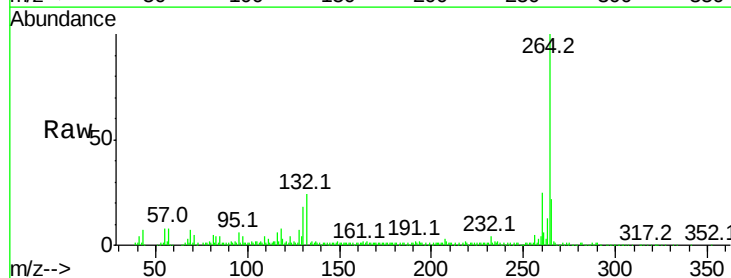
Tgt Ion:264 Resp: 150829

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.9 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

