

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099208.D
 Acq On : 7 Oct 2017 21:46
 Operator : SJ/JU
 Sample : I5587-01 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G28A-0-2

Quant Time: Oct 08 05:11:15 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	115946	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	447043	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	175675	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	272085	20.00	ng	0.00
75) Chrysene-d12	14.03	240	192480	20.00	ng	0.00
86) Perylene-d12	15.51	264	157436	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	23483	3.22	ng	0.00
7) Phenol-d6	6.49	99	32216	3.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	15599	2.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	4022	2.80	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	36974	3.51	ng	0.00
78) Terphenyl-d14	12.97	244	25631	3.03	ng	0.00

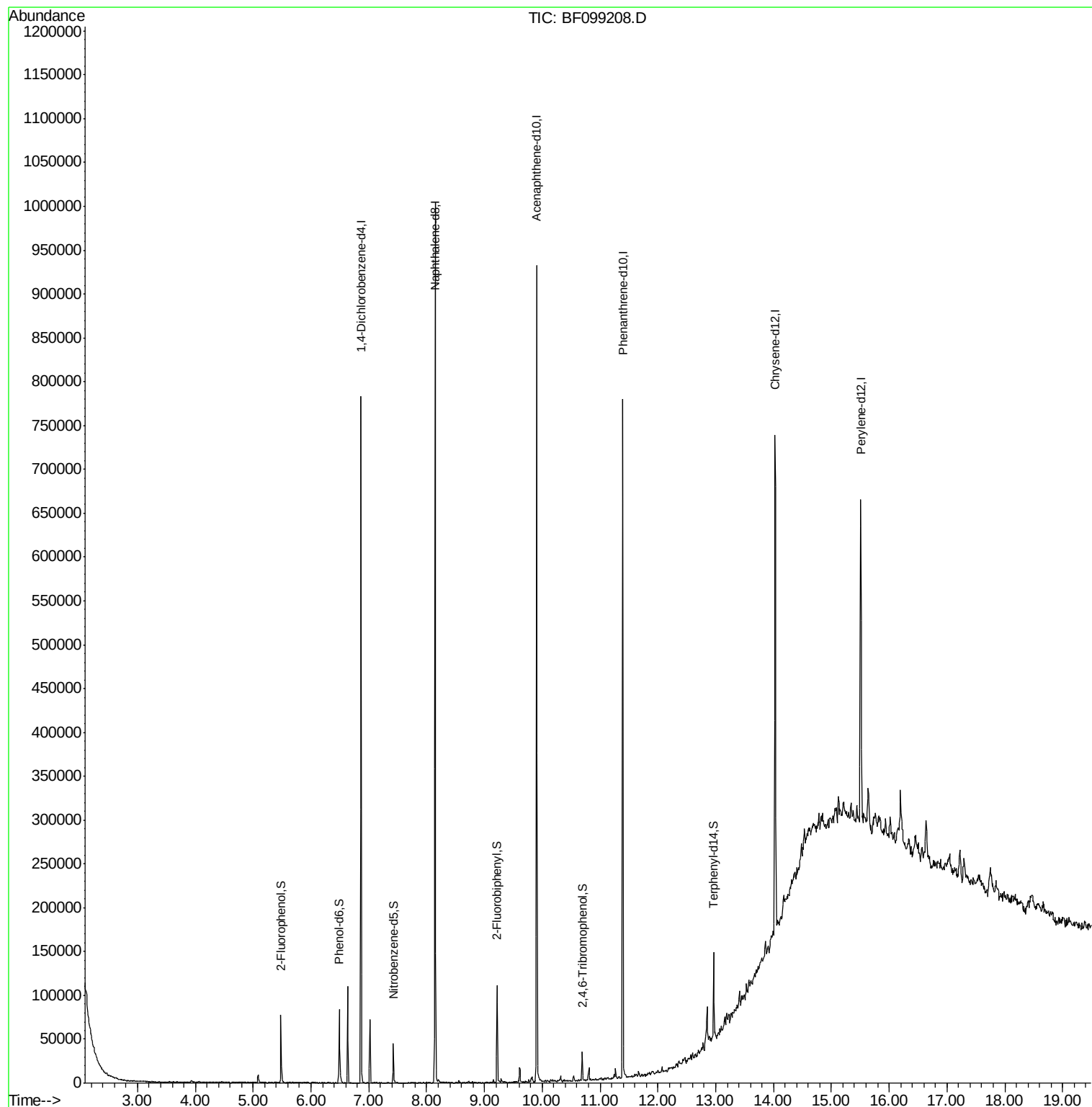
Target Compounds Qvalue

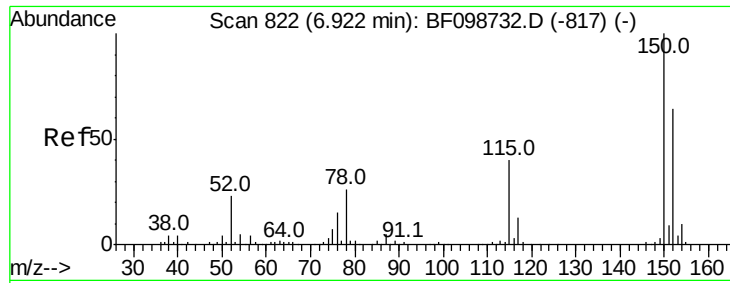
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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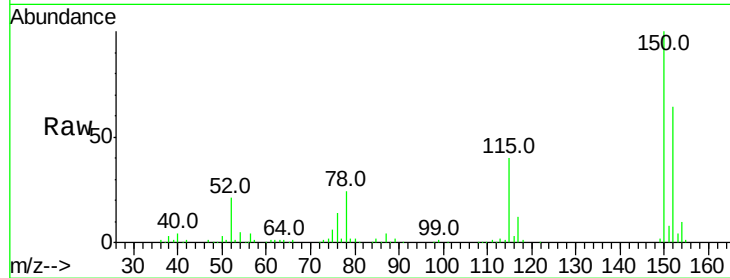


#1

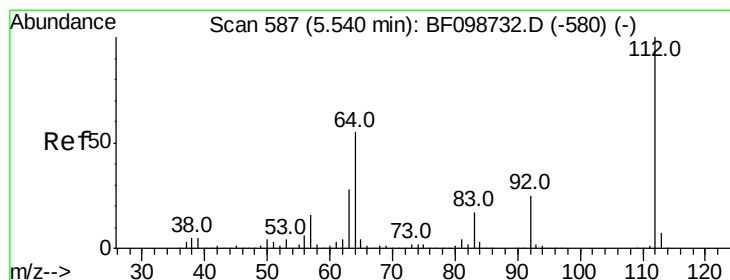
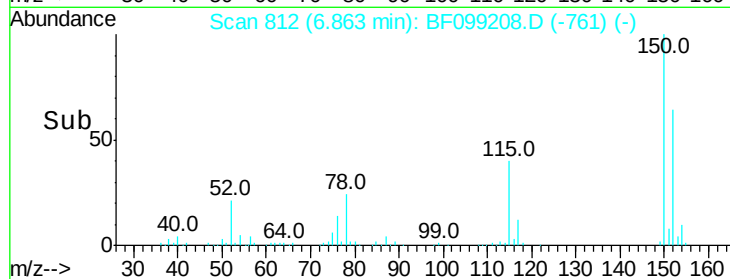
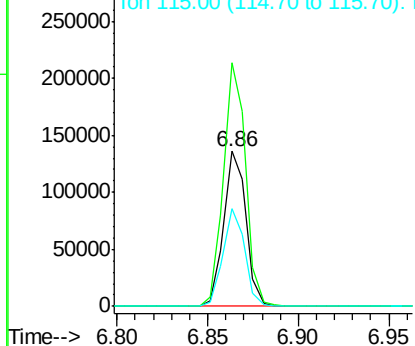
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Instrument :
 BNA_F
 ClientSampleId :
 G28A-0-2

Tot Ion:152 Resp: 115946
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 62.9 50.1 75.1



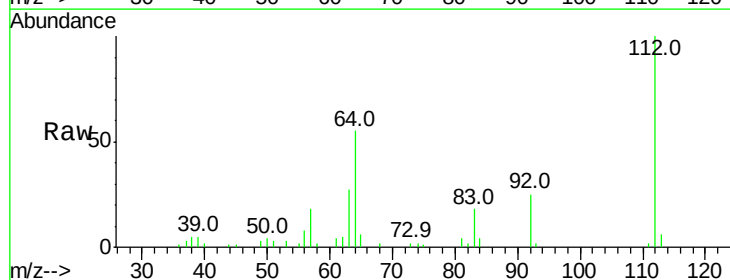
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



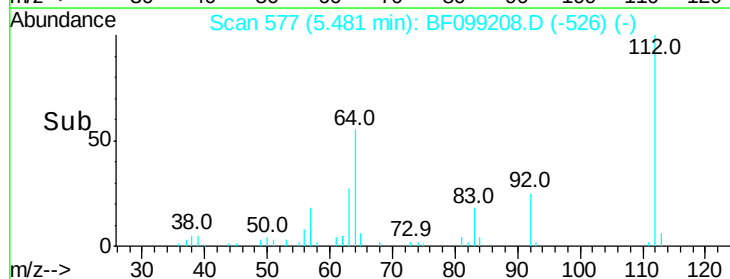
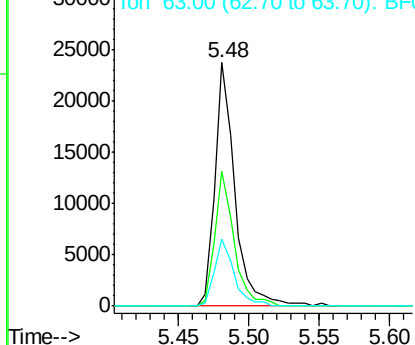
#5

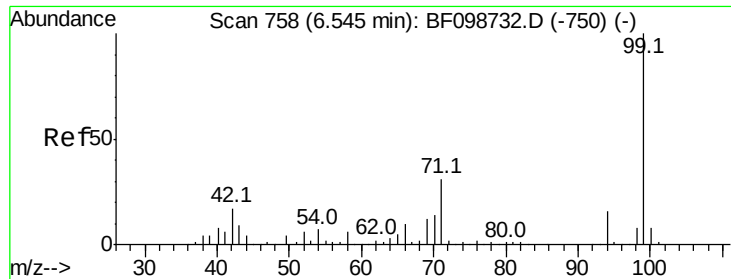
2-Fluorophenol
 Concen: 3.224 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Tgt Ion:112 Resp: 23483
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.3 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: 3.586 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

Instrument :

BNA_F

ClientSampleId :

G28A-0-2

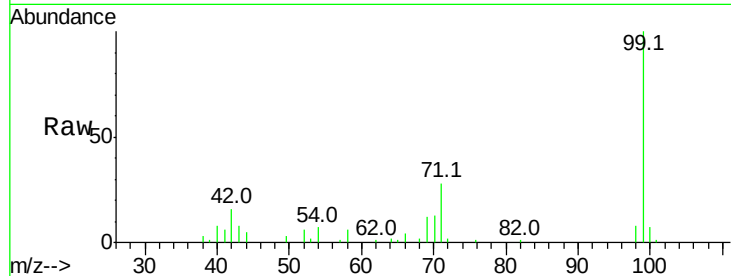
Tot Ion: 99 Resp: 32216

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

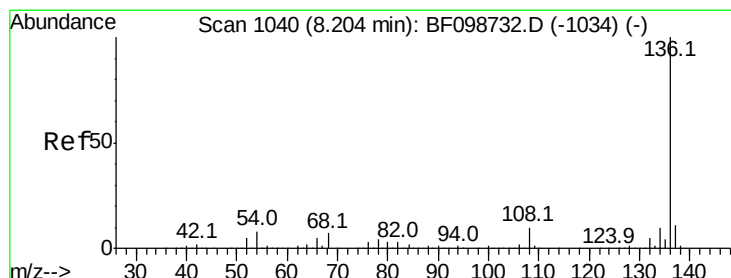
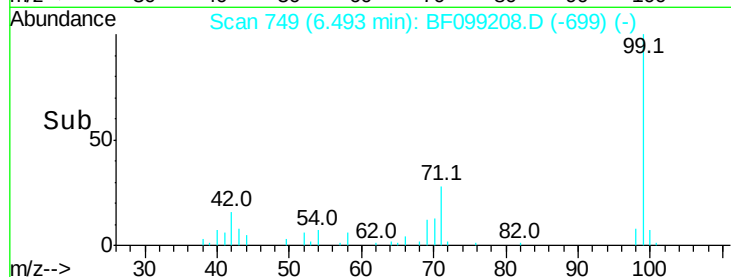
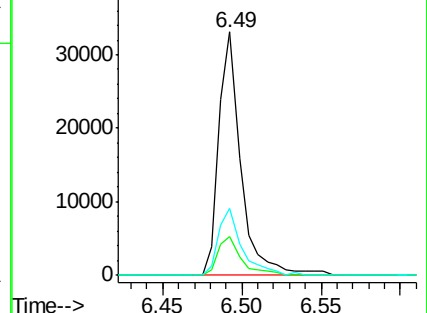
71 27.6 25.4 38.0



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: BF099208.D

Acq: 7 Oct 2017 21:46

Tgt Ion: 136 Resp: 447043

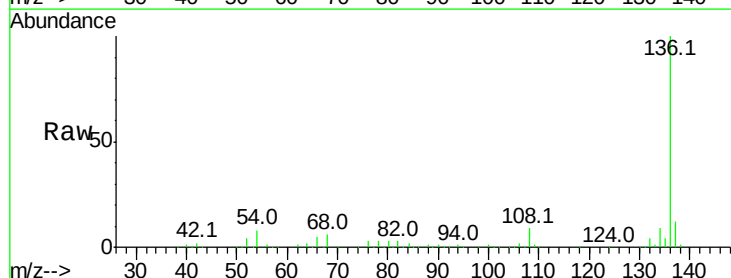
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

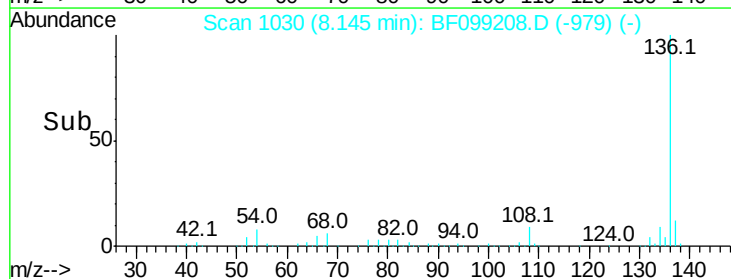
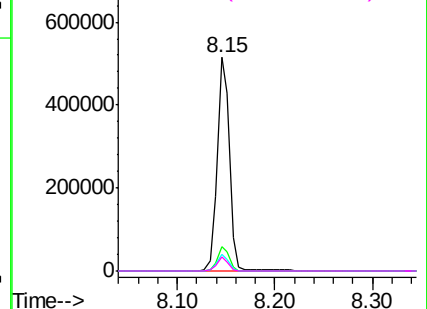


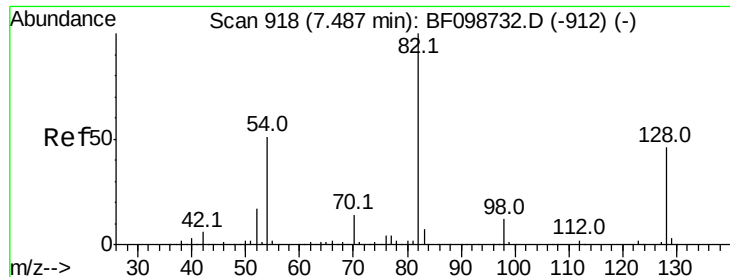
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

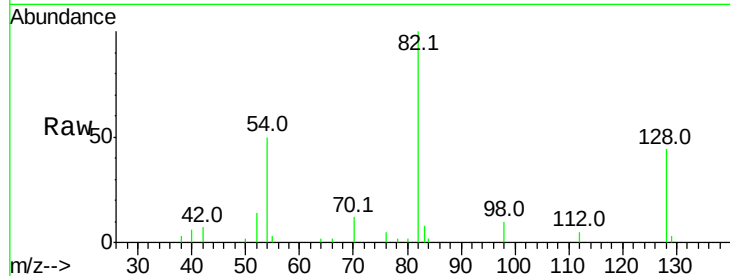




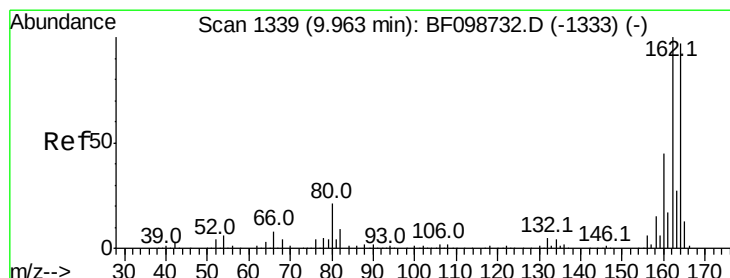
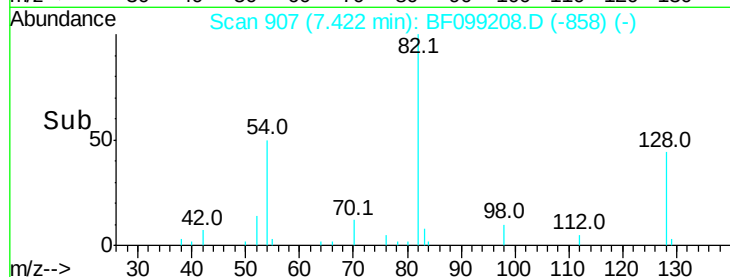
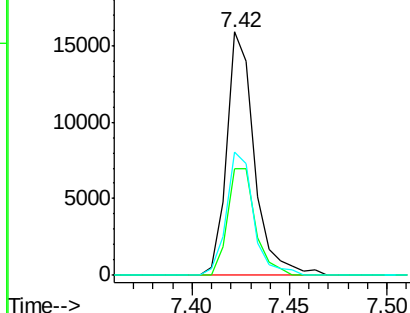
#23
Nitrobenzene-d5
Concen: 2.238 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099208.D
Acq: 7 Oct 2017 21:46

Instrument :
BNA_F
ClientSampled :
G28A-0-2

Tot Ion: 82 Resp: 15599
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 50.4 41.4 62.2

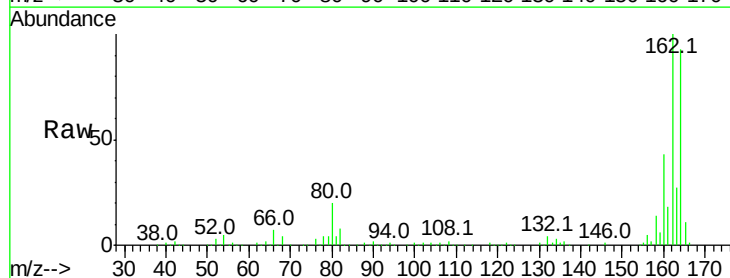


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

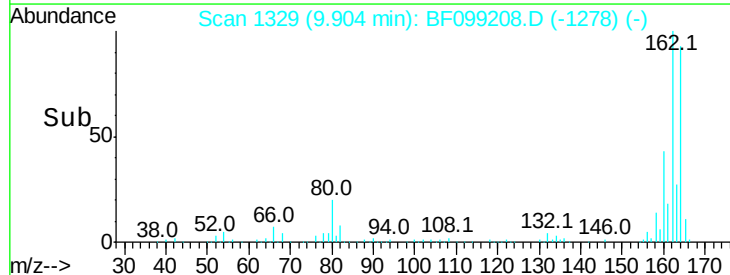
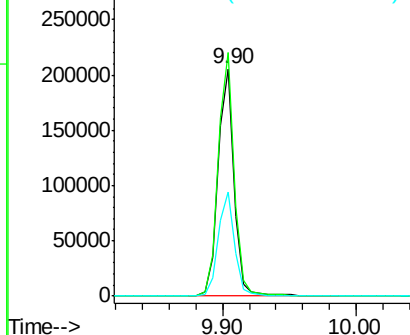


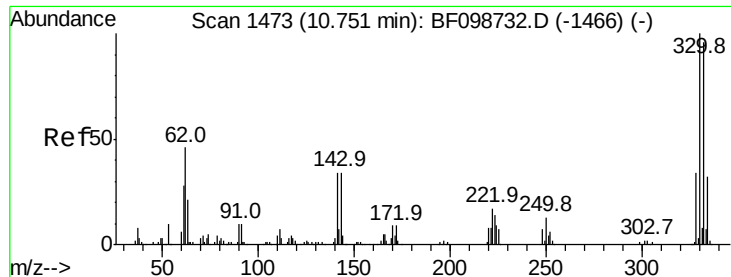
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099208.D
Acq: 7 Oct 2017 21:46

Tgt Ion: 164 Resp: 175675
Ion Ratio Lower Upper
164 100
162 107.1 86.1 129.1
160 45.9 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

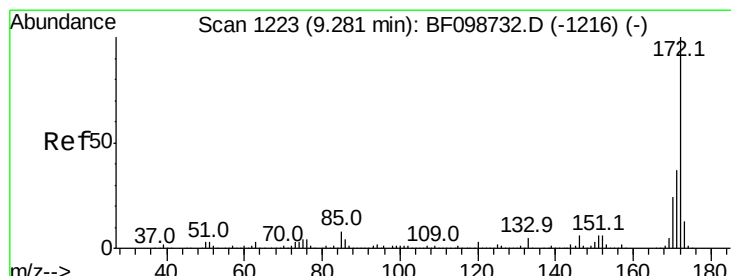
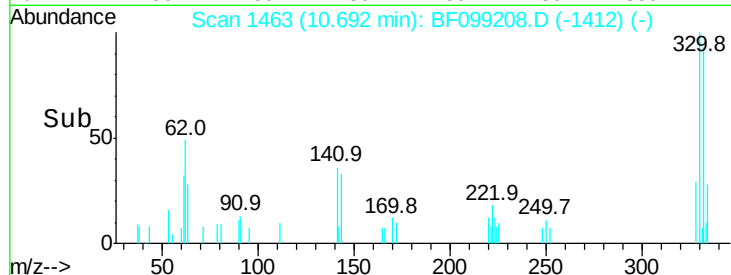
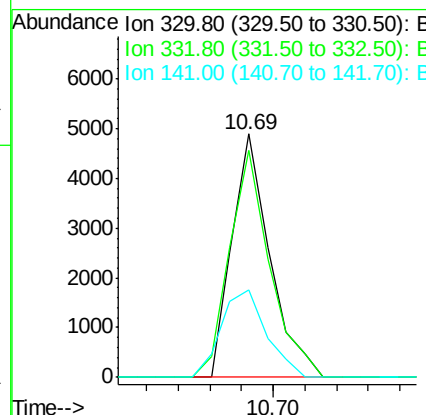
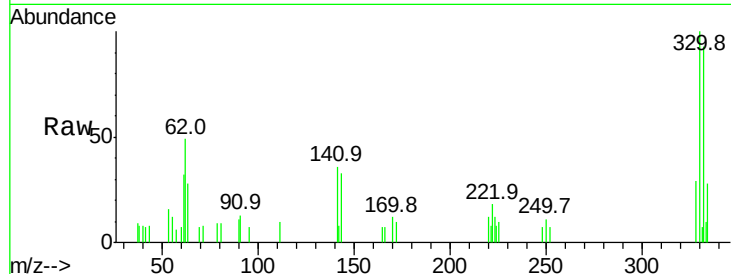




#41
 2,4,6-Tribromophenol
 Concen: 2.798 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

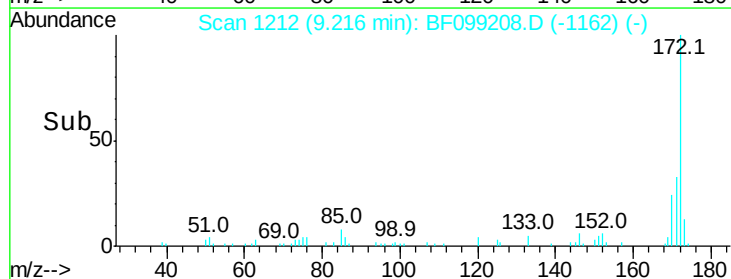
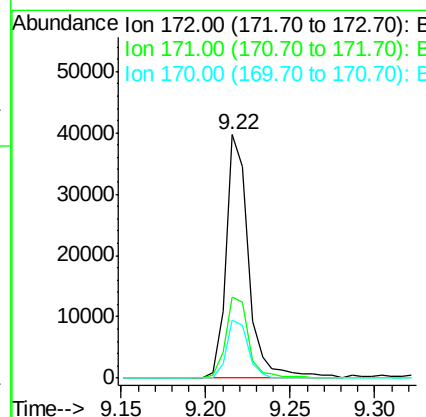
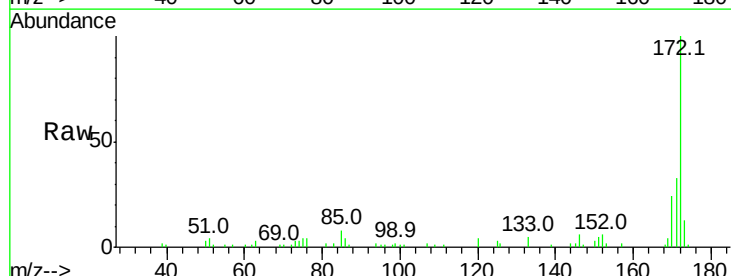
Instrument :
 BNA_F
 ClientSampleId :
 G28A-0-2

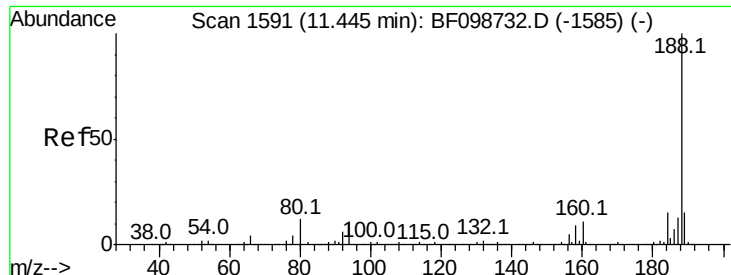
Tot Ion:330 Resp: 4022
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.0 115.6
 141 42.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 3.514 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099208.D
 Acq: 7 Oct 2017 21:46

Tgt Ion:172 Resp: 36974
 Ion Ratio Lower Upper
 172 100
 171 33.2 29.7 44.5
 170 23.8 19.6 29.4

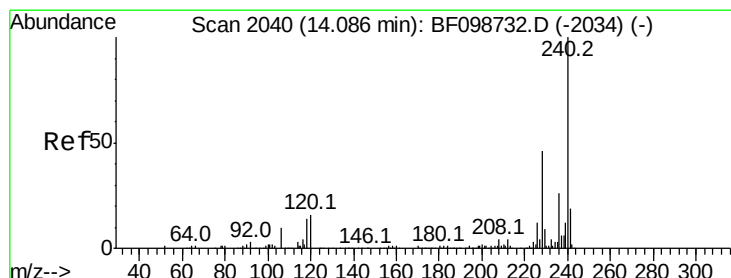
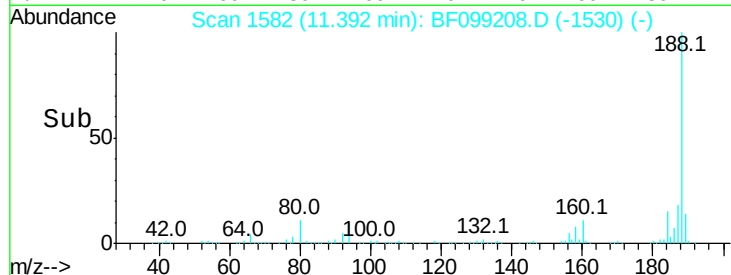
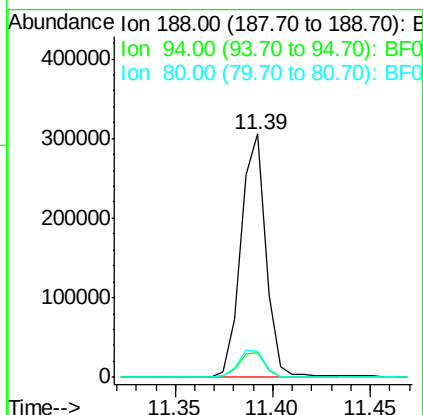
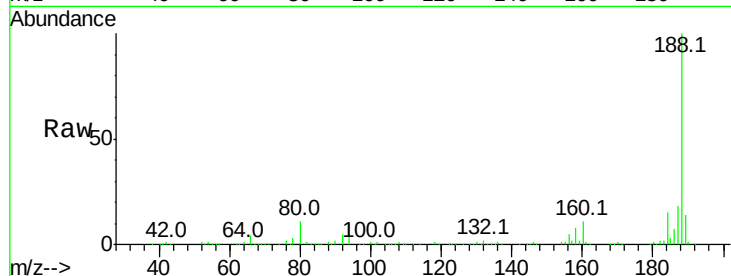




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF099208.D
Acq: 7 Oct 2017 21:46

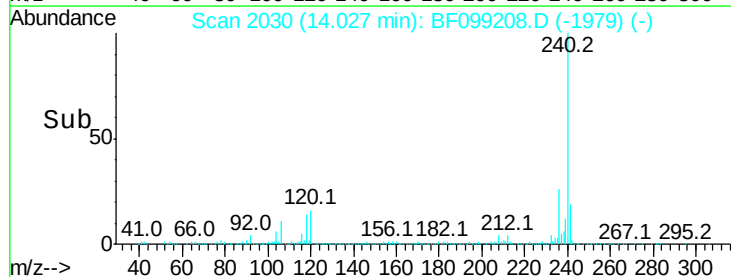
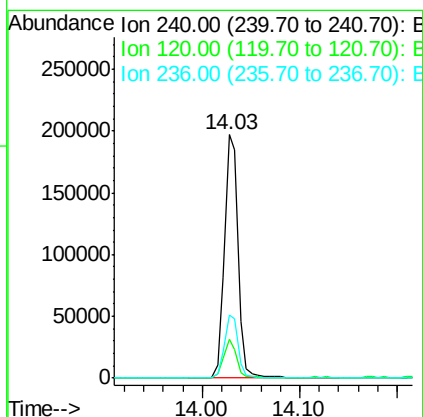
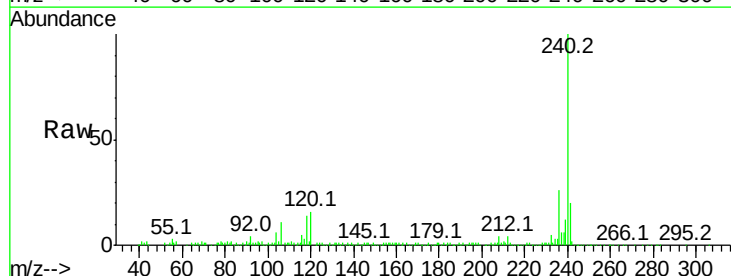
Instrument :
BNA_F
ClientSampleId :
G28A-0-2

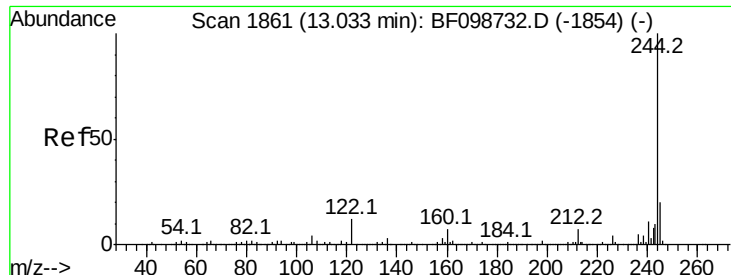
Tot Ion:188 Resp: 272085
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF099208.D
Acq: 7 Oct 2017 21:46

Tgt Ion:240 Resp: 192480
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 3.028 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

Instrument :

BNA_F

ClientSampleId :

G28A-0-2

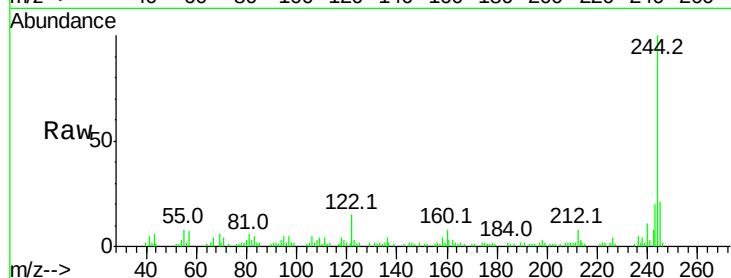
Tot Ion:244 Resp: 25631

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

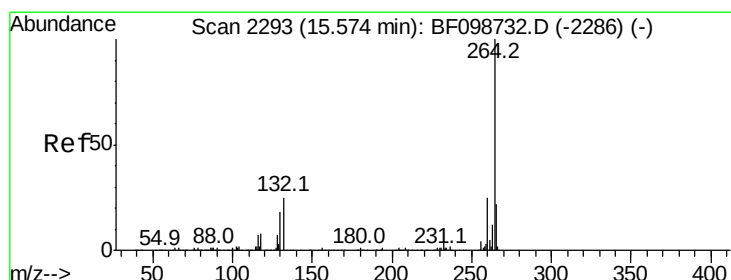
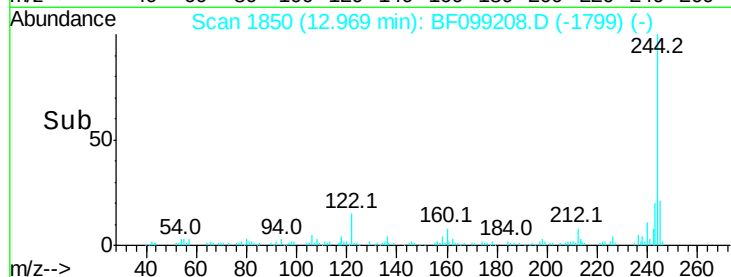
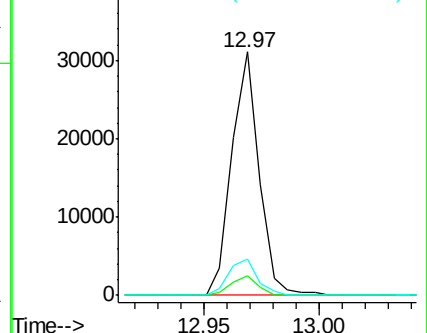
122 15.1 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF099208.D

Acq: 7 Oct 2017 21:46

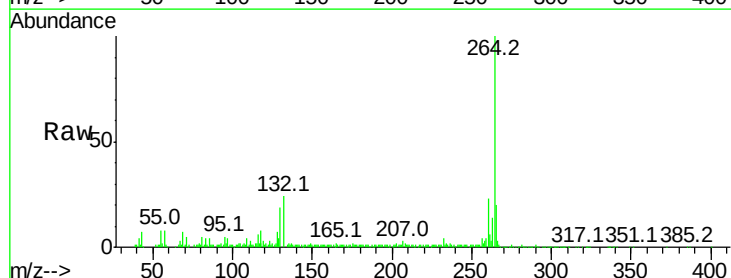
Tgt Ion:264 Resp: 157436

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.4 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

