

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099857.D
 Acq On : 26 Oct 2017 13:16
 Operator : SJ/JU
 Sample : I6090-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FADW29217L

Quant Time: Oct 26 16:37:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73022	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	301602	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	146302	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	258734	20.00	ng	0.00
75) Chrysene-d12	13.99	240	226353	20.00	ng	0.00
86) Perylene-d12	15.46	264	219363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	312348	67.15	ng	0.00
7) Phenol-d6	6.43	99	258425	46.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	377509	80.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	160948	120.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	796925	84.04	ng	0.00
78) Terphenyl-d14	12.92	244	740858	71.53	ng	0.00

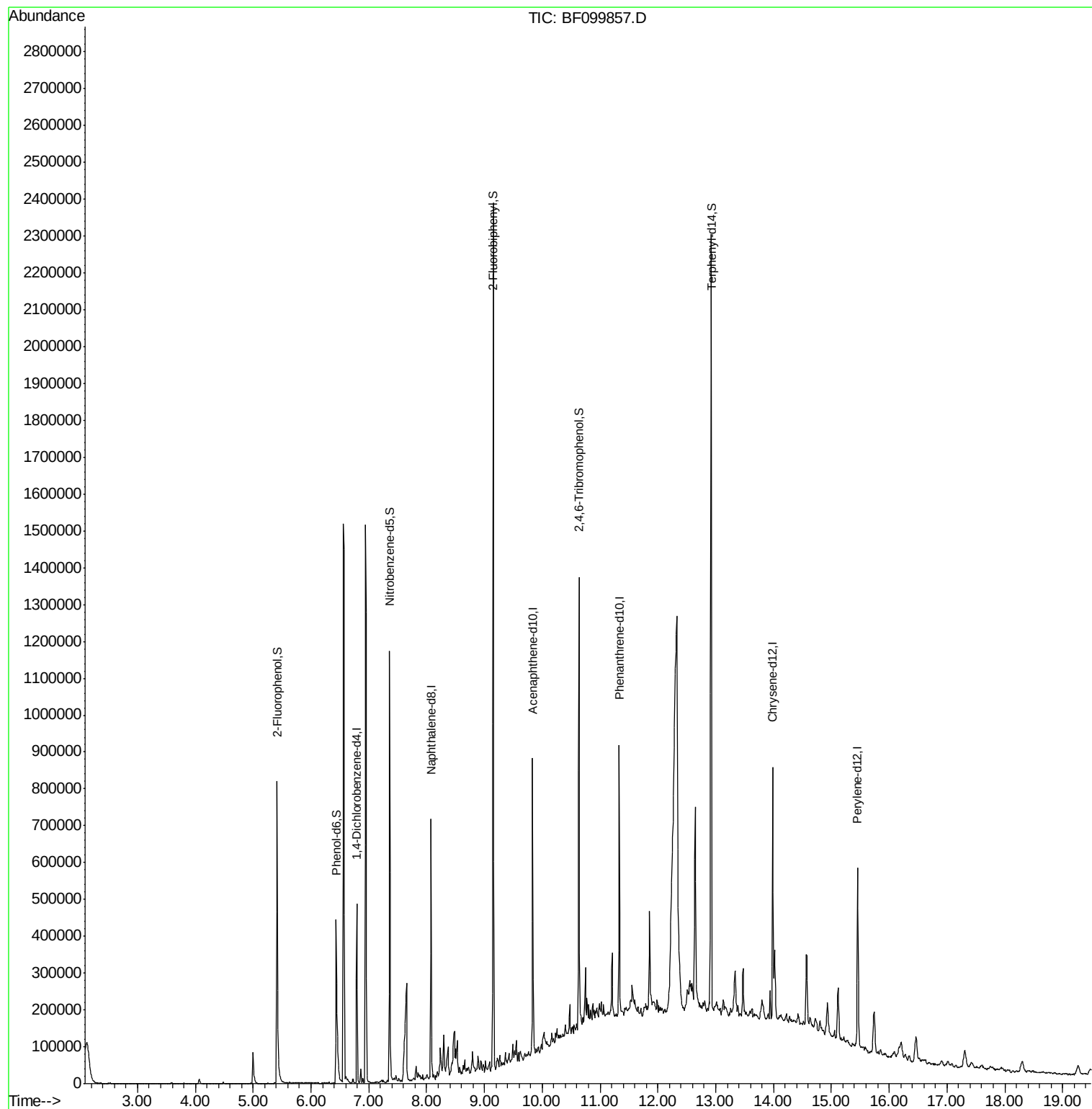
Target Compounds Qvalue

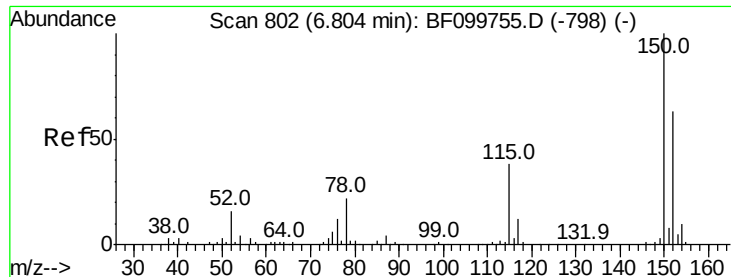
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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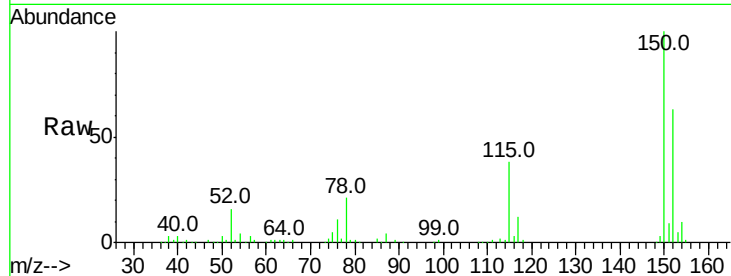


#1

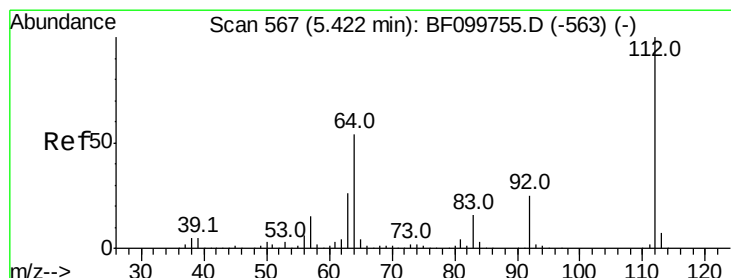
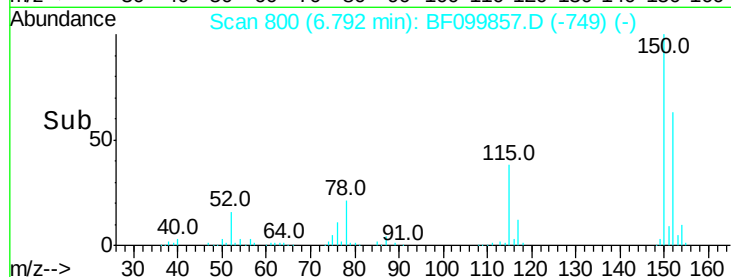
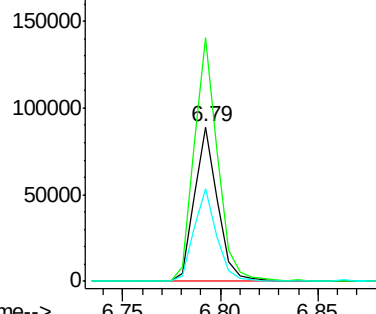
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 FADW29217L

Tot Ion:152 Resp: 73022
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 59.7 50.1 75.1



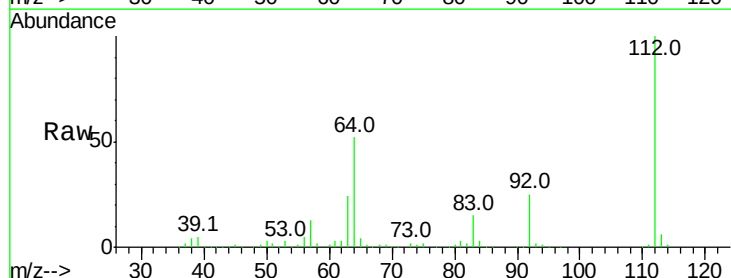
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



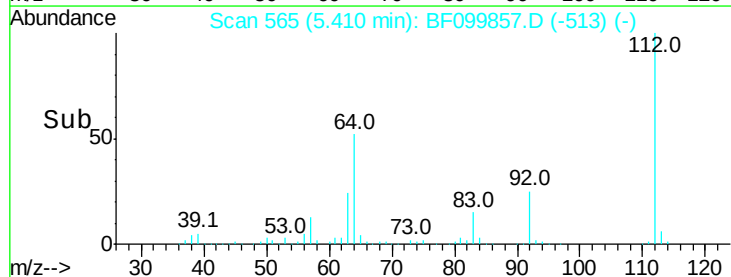
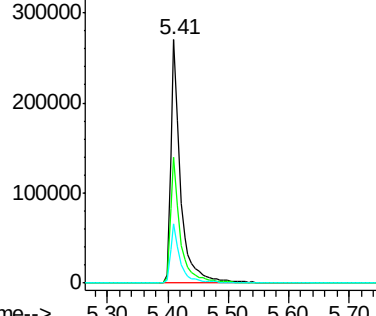
#5

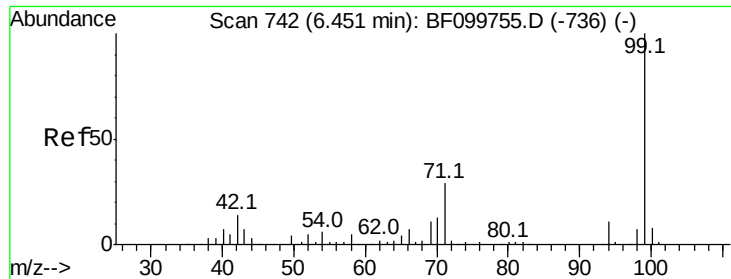
2-Fluorophenol
 Concen: 67.155 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

Tgt Ion:112 Resp: 312348
 Ion Ratio Lower Upper
 112 100
 64 51.6 47.9 71.9
 63 24.1 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: 46.859 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099857.D

Acq: 26 Oct 2017 13:16

Instrument :

BNA_F

ClientSampleId :

FADW29217L

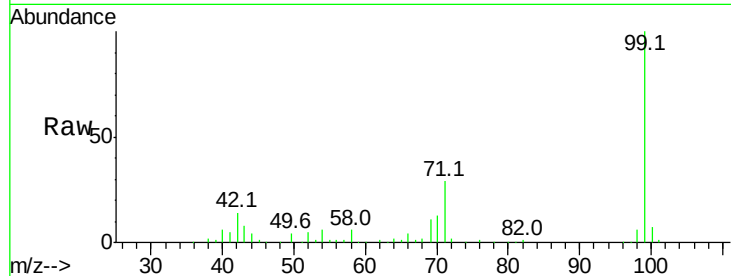
Tot Ion: 99 Resp: 258425

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

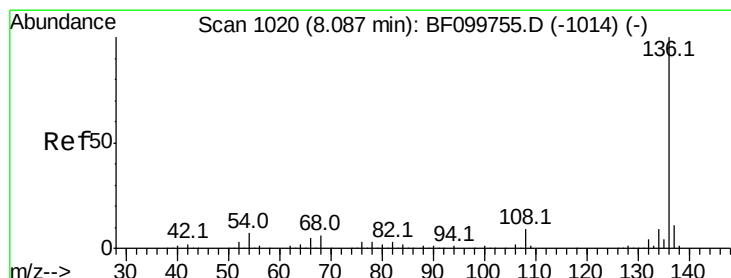
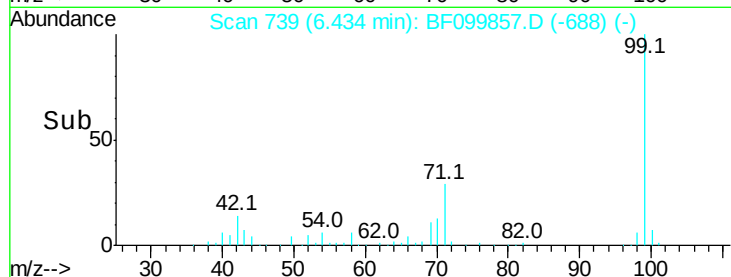
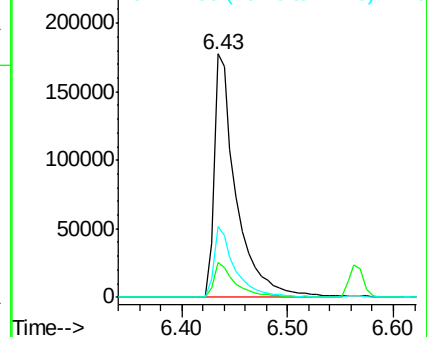
71 29.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF099857.D

Acq: 26 Oct 2017 13:16

Tgt Ion: 136 Resp: 301602

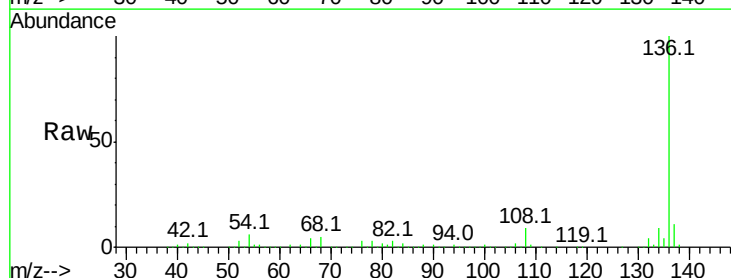
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

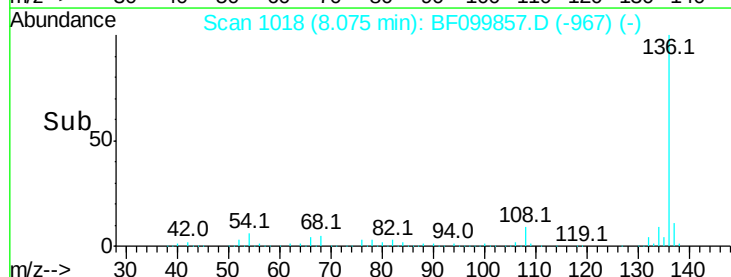
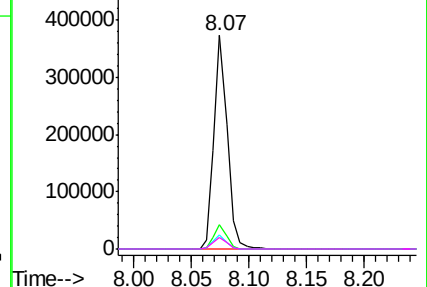


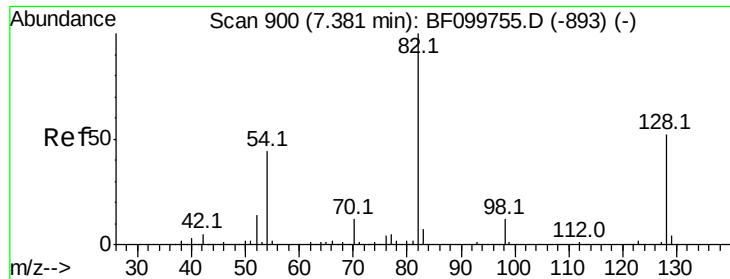
Abundance Ion 136.00 (135.70 to 136.70): E

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

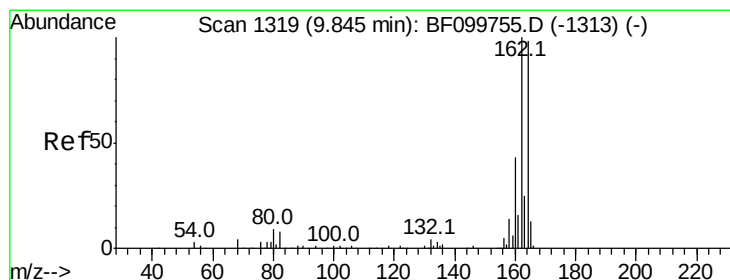
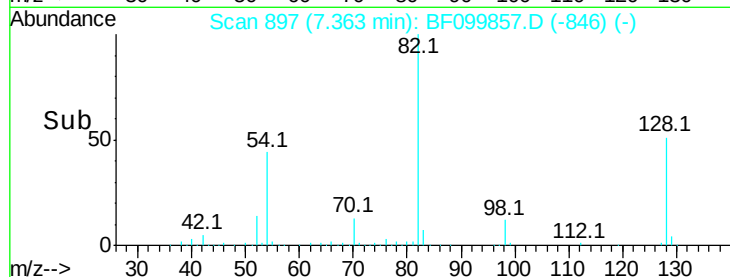
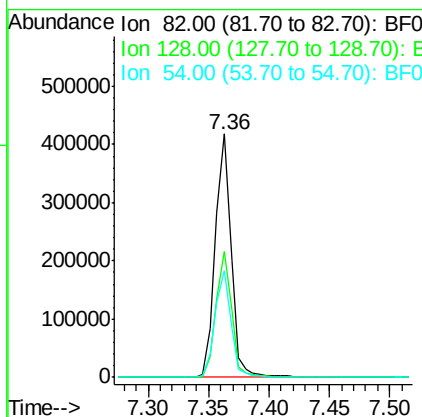
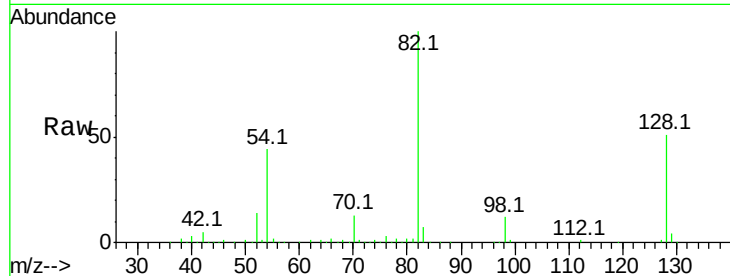




#23
 Nitrobenzene-d5
 Concen: 80.584 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

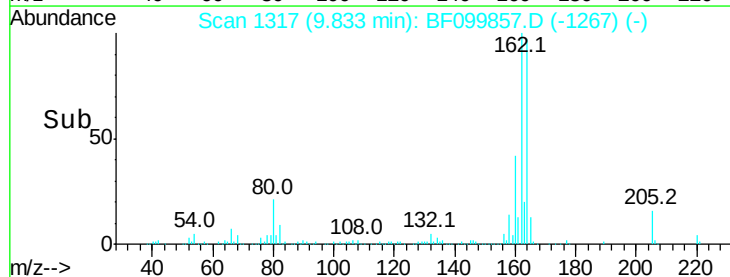
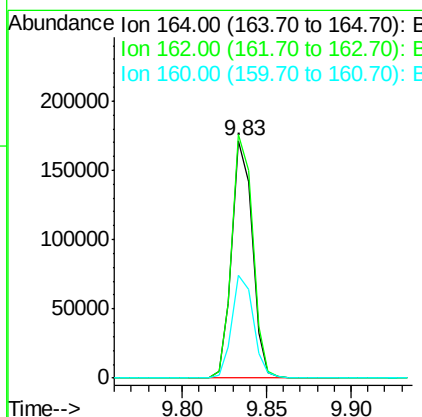
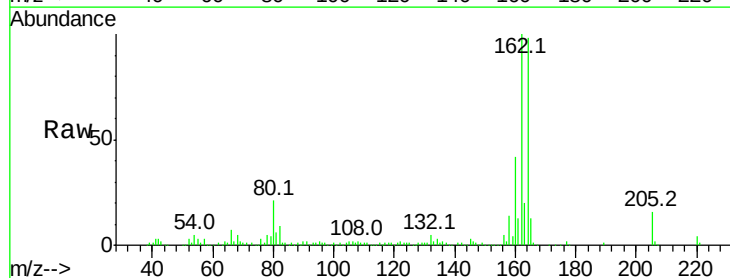
Instrument :
 BNA_F
 ClientSampleId :
 FADW29217L

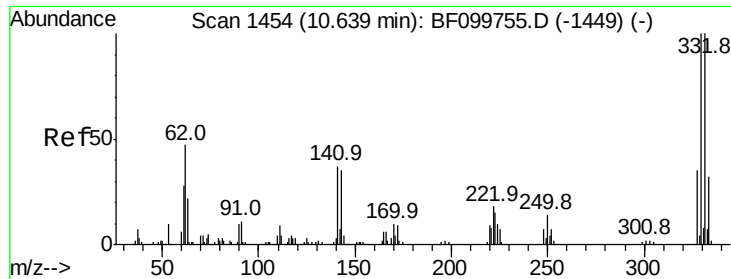
Tot Ion: 82 Resp: 377509
 Ion Ratio Lower Upper
 82 100
 128 51.4 36.1 54.1
 54 44.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

Tgt Ion:164 Resp: 146302
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 43.1 38.3 57.5

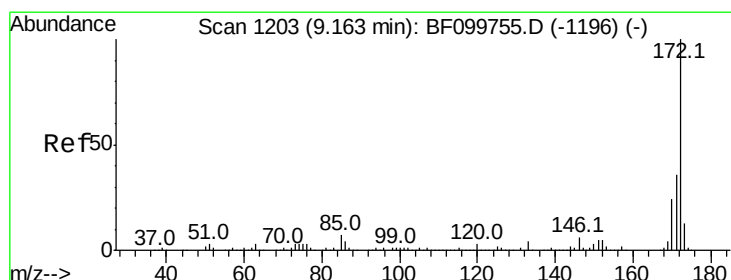
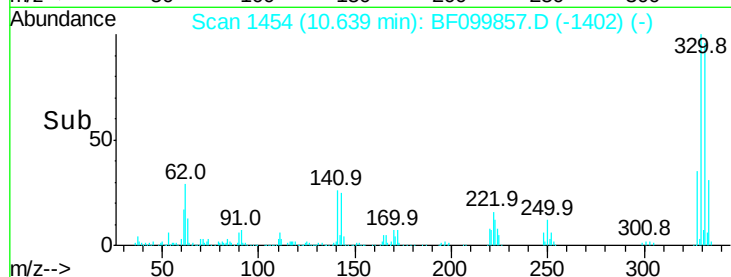
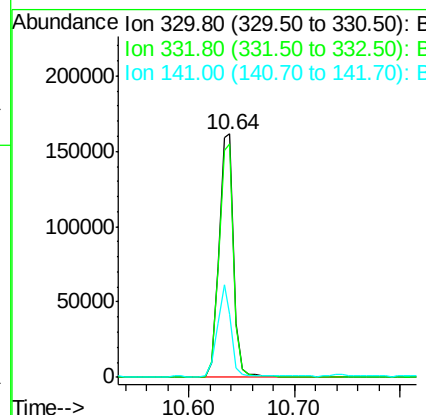
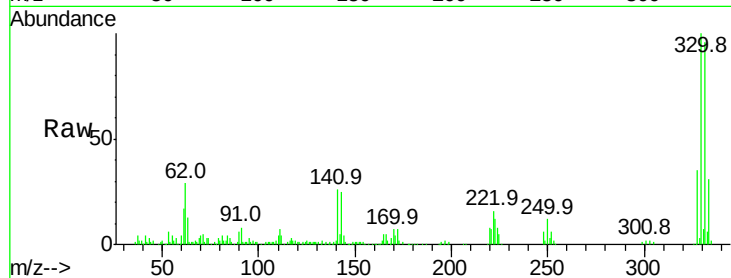




#41
 2,4,6-Tribromophenol
 Concen: 120.716 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

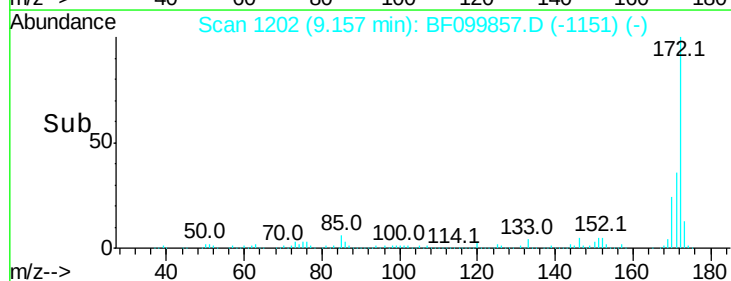
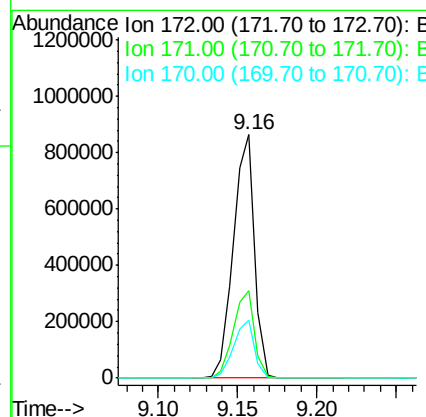
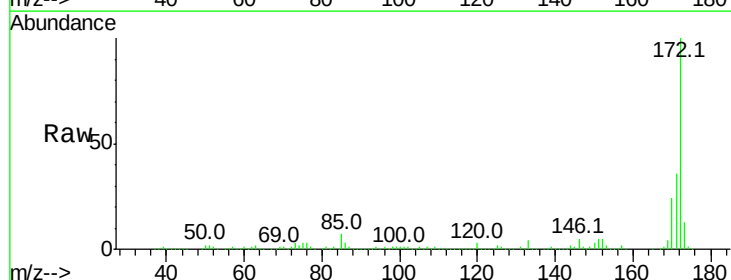
Instrument :
 BNA_F
 ClientSampleId :
 FADW29217L

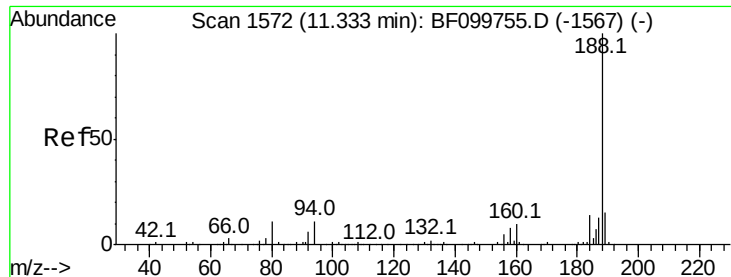
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.040 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF099857.D

Acq: 26 Oct 2017 13:16

Instrument :

BNA_F

ClientSampleId :

FADW29217L

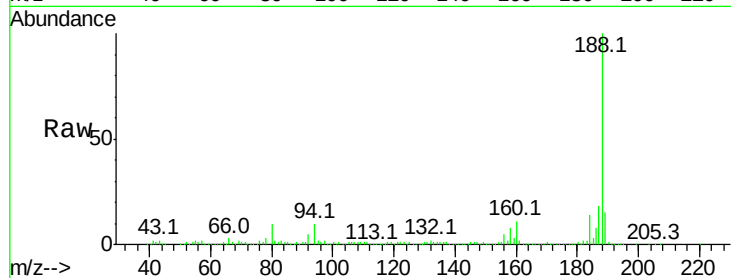
Tot Ion:188 Resp: 258734

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

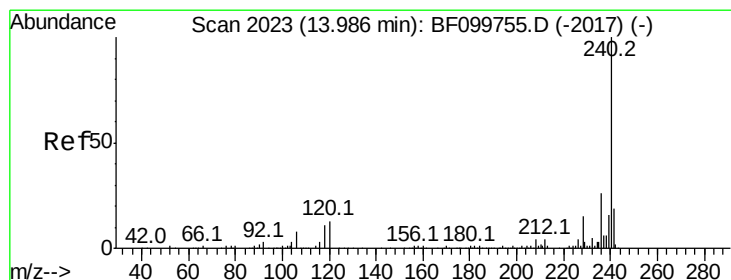
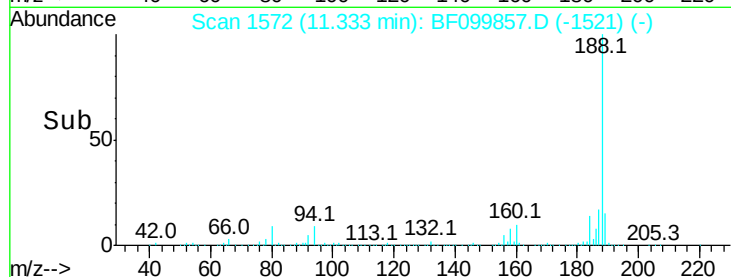
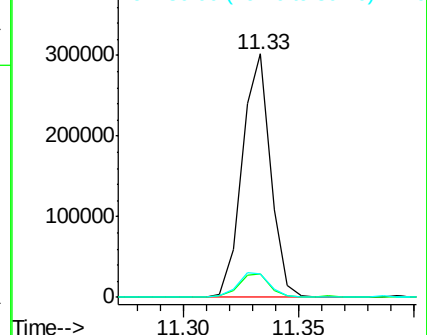
80 9.6 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF099857.D

Acq: 26 Oct 2017 13:16

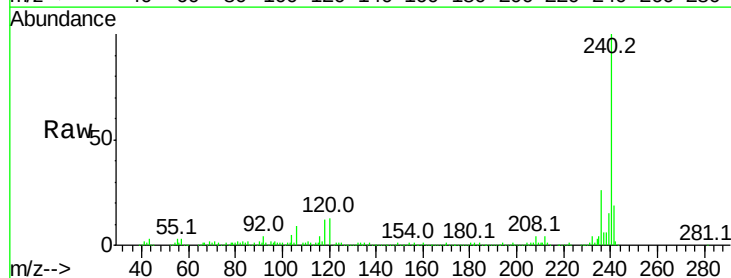
Tgt Ion:240 Resp: 226353

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

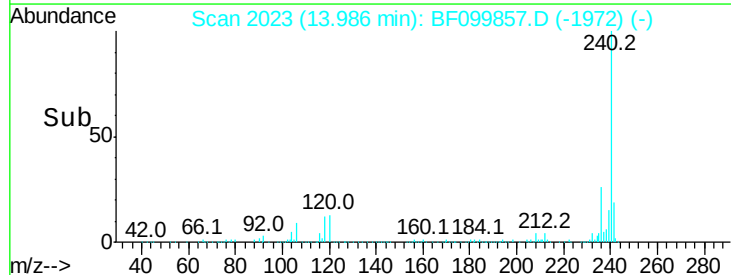
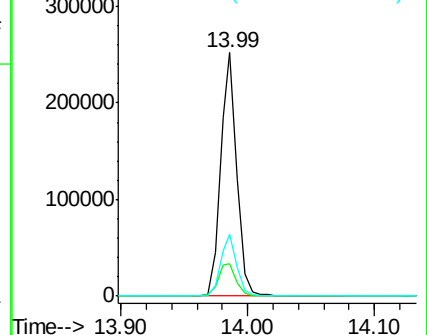
236 25.6 20.7 31.1

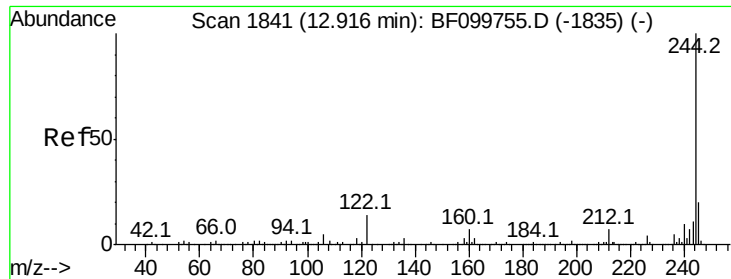


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

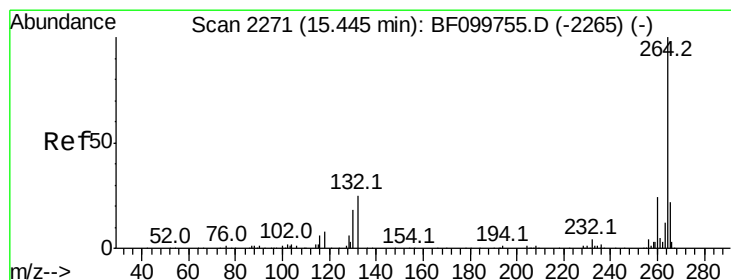
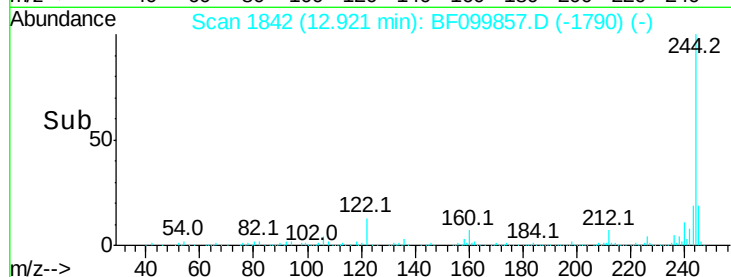
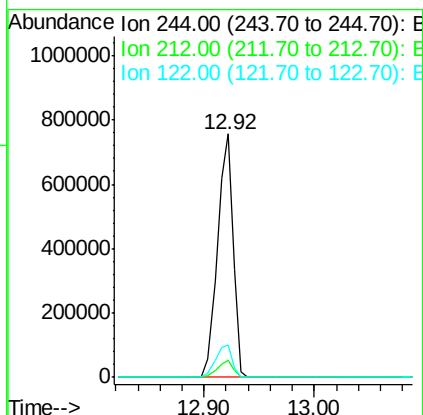
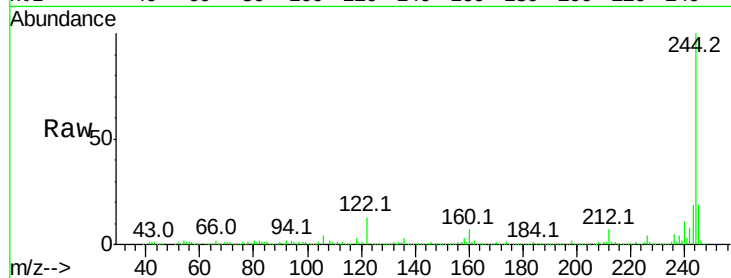




#78
 Terphenyl-d14
 Concen: 71.528 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 FADW29217L

Tot Ion:244 Resp: 740858
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099857.D
 Acq: 26 Oct 2017 13:16

Tgt Ion:264 Resp: 219363
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 17.5 26.3

