

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098856.D
 Acq On : 27 Sep 2017 11:56
 Operator : SJ/JU
 Sample : PB102634BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BL

Quant Time: Sep 28 02:22:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133077	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	569042	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	261620	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	459357	20.00	ng	0.00
75) Chrysene-d12	14.07	240	291494	20.00	ng	-0.01
86) Perylene-d12	15.57	264	239220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1048815	125.46	ng	0.00
7) Phenol-d6	6.54	99	1243583	120.59	ng	0.00
23) Nitrobenzene-d5	7.47	82	765838	86.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	254919	119.08	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1416866	90.41	ng	-0.01
78) Terphenyl-d14	13.03	244	1210681	94.46	ng	0.00

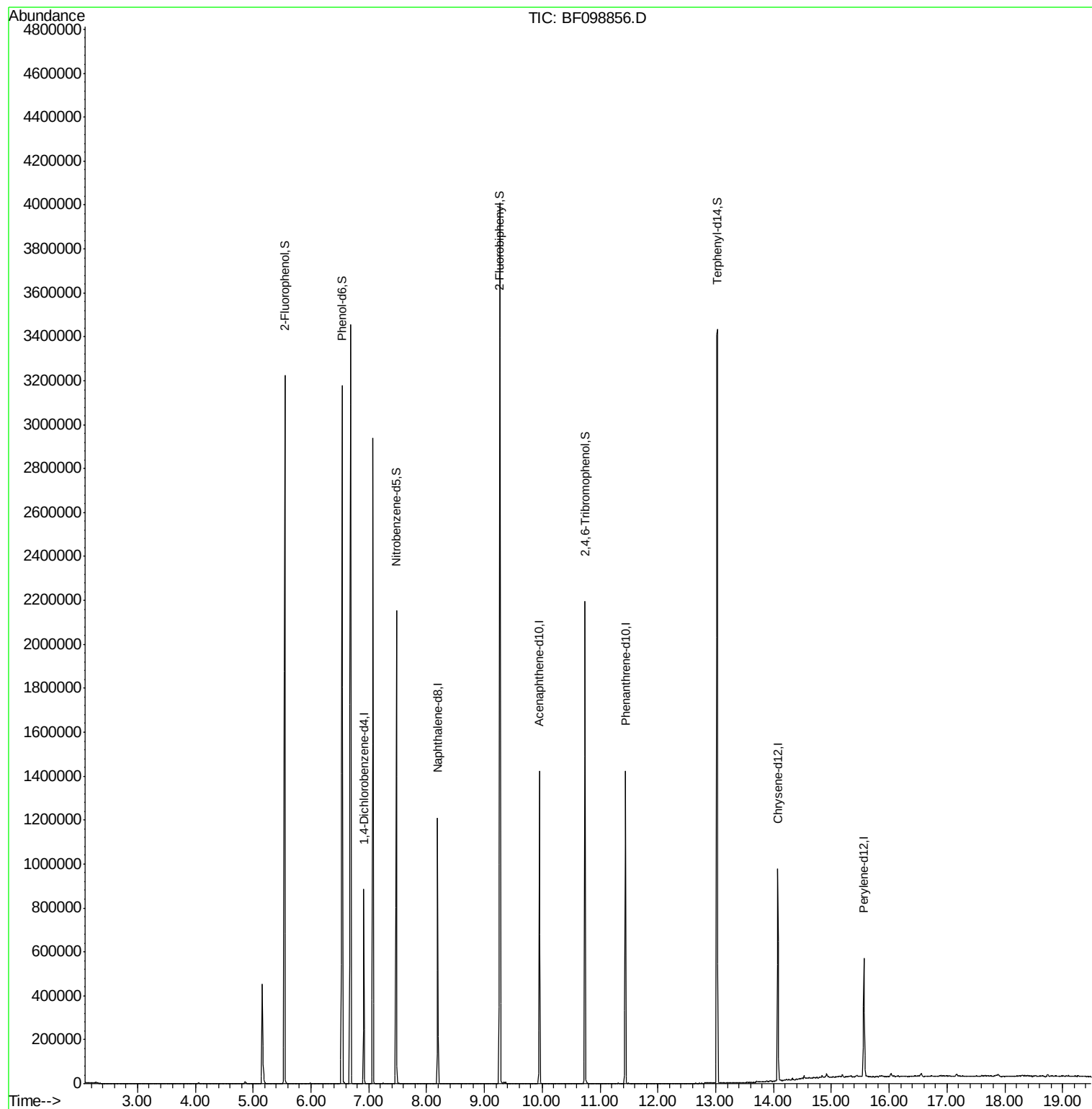
Target Compounds Qvalue

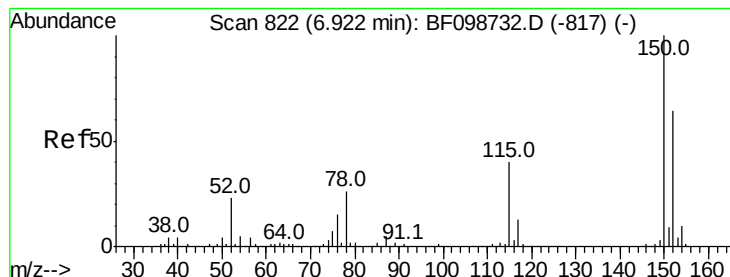
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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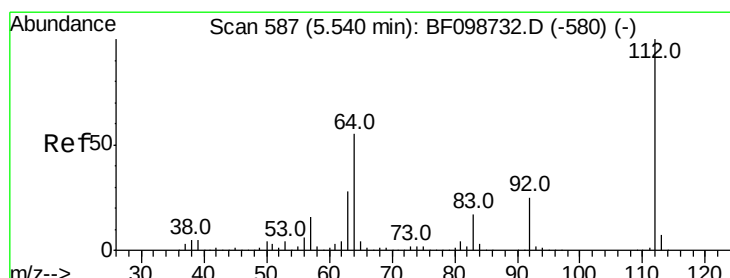
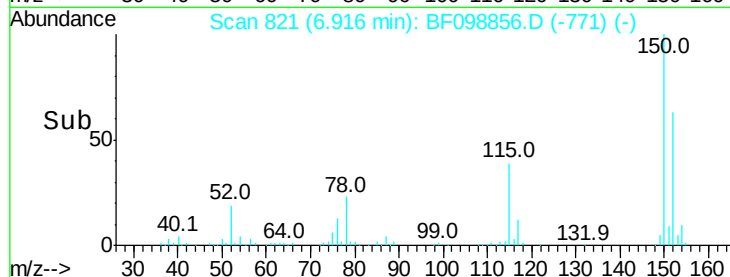
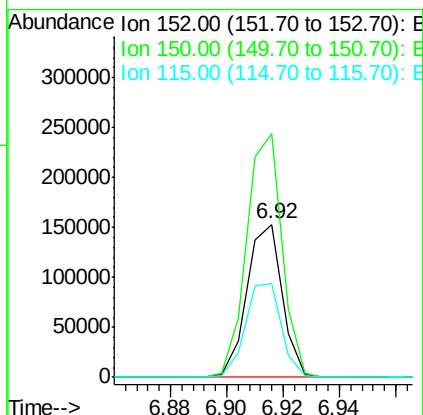
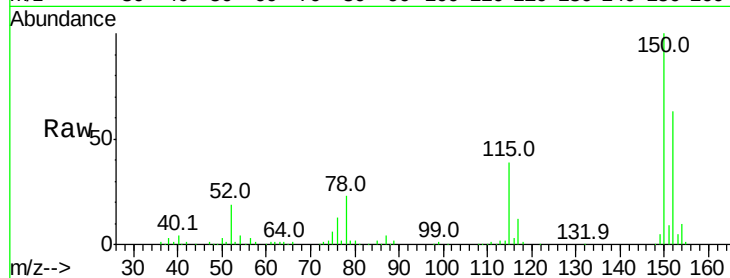


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098856.D
Acq: 27 Sep 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB102634BL

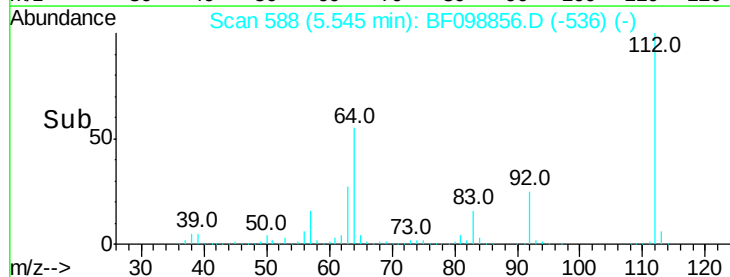
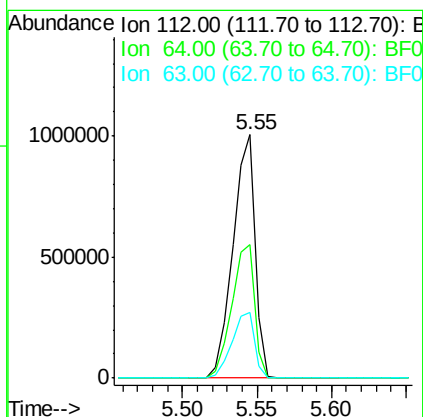
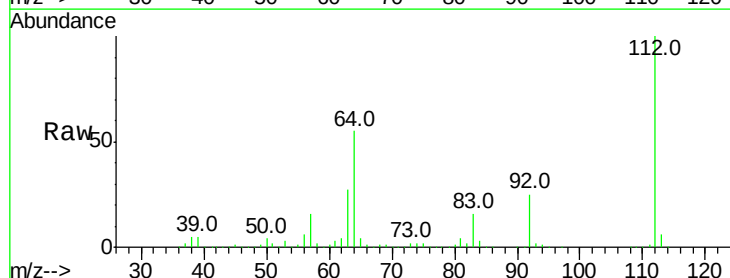
Tot Ion:152 Resp: 133077
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.7 50.1 75.1

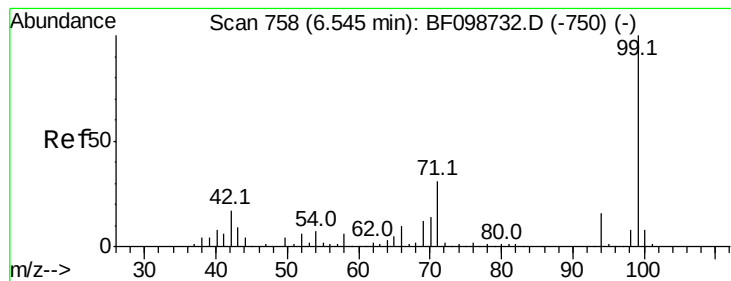


#5

2-Fluorophenol
Concen: 125.462 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098856.D
Acq: 27 Sep 2017 11:56

Tgt Ion:112 Resp: 1048815
Ion Ratio Lower Upper
112 100
64 54.9 47.9 71.9
63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 120.589 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098856.D

Acq: 27 Sep 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB102634BL

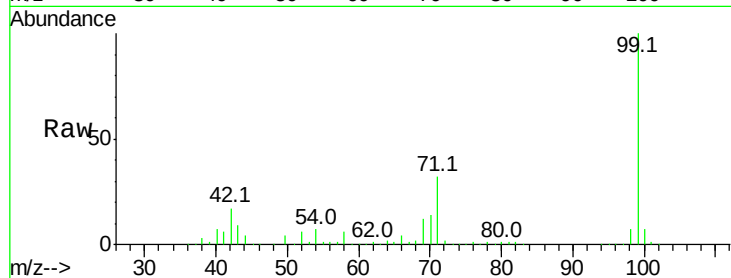
Tot Ion: 99 Resp: 1243583

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

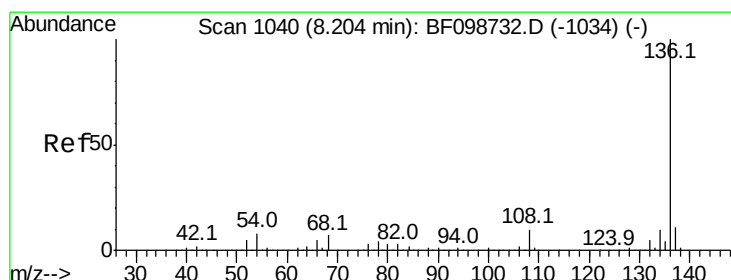
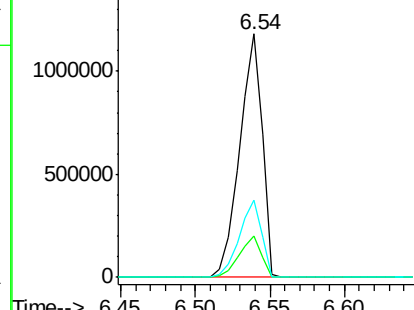
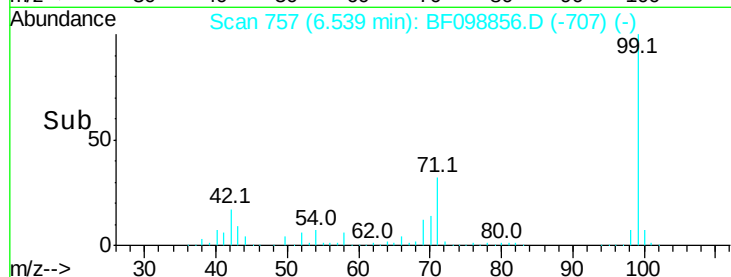
71 32.0 25.4 38.0



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: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098856.D

Acq: 27 Sep 2017 11:56

Tgt Ion: 136 Resp: 569042

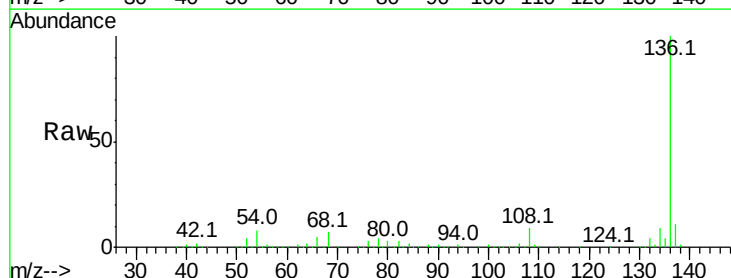
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4

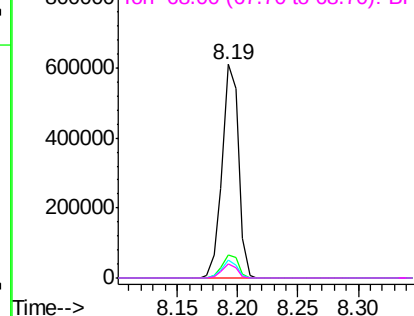
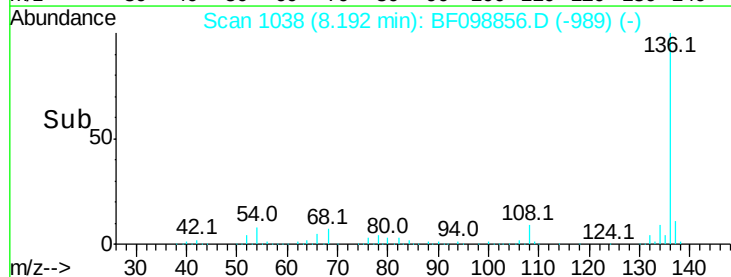


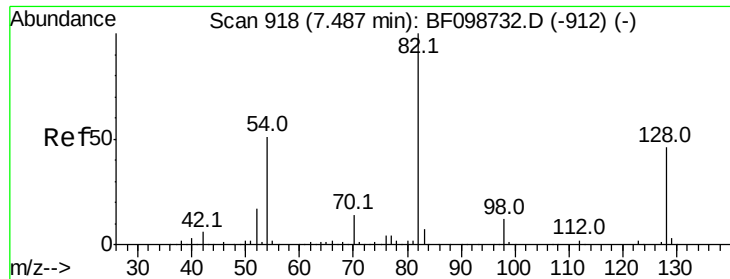
Abundance Ion 136.00 (135.70 to 136.70): E

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

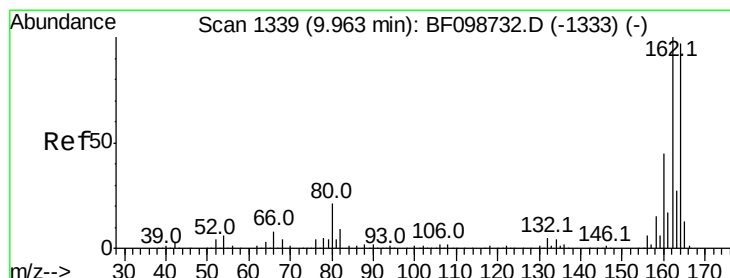
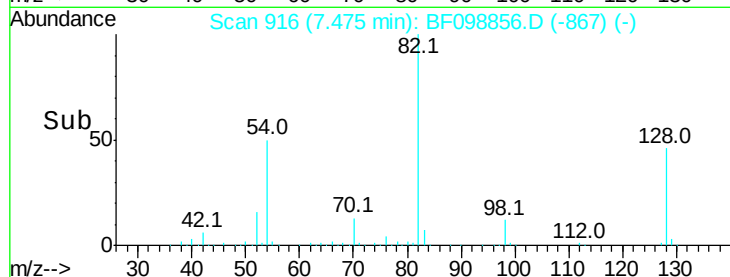
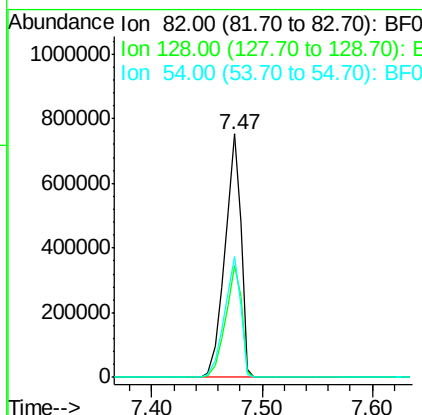
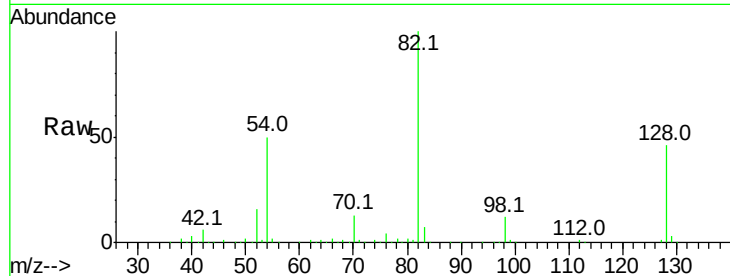




#23
 Nitrobenzene-d5
 Concen: 86.309 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098856.D
 Acq: 27 Sep 2017 11:56

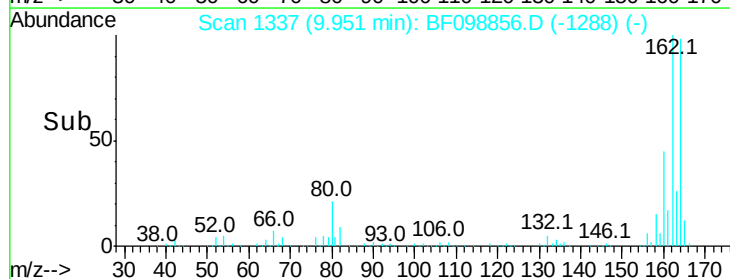
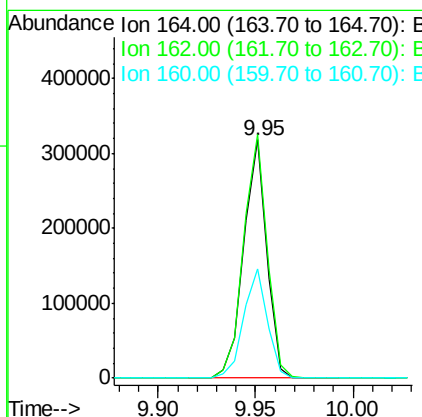
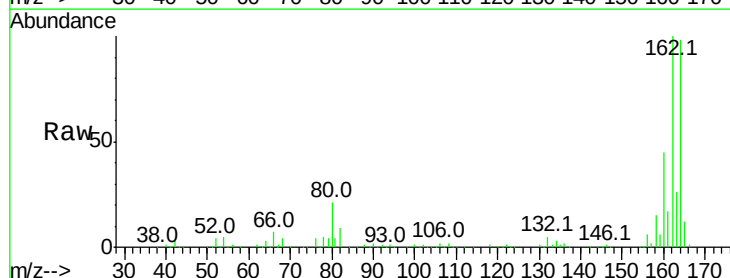
Instrument :
 BNA_F
 ClientSampleId :
 PB102634BL

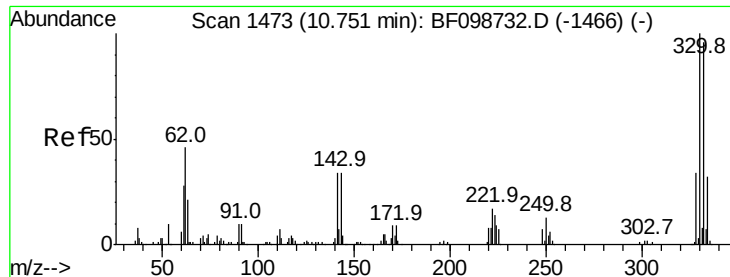
Tot Ion	82	Resp	765838
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	49.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098856.D
 Acq: 27 Sep 2017 11:56

Tgt Ion	164	Resp	261620
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.1	129.1
160	45.9	38.3	57.5

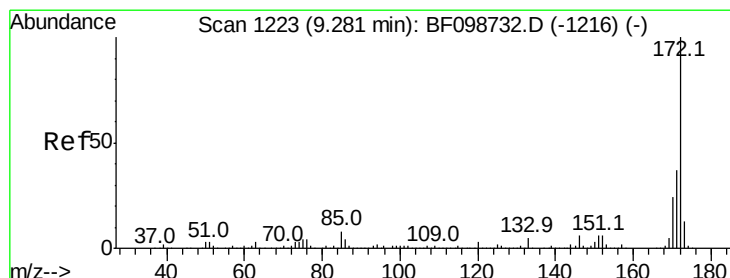
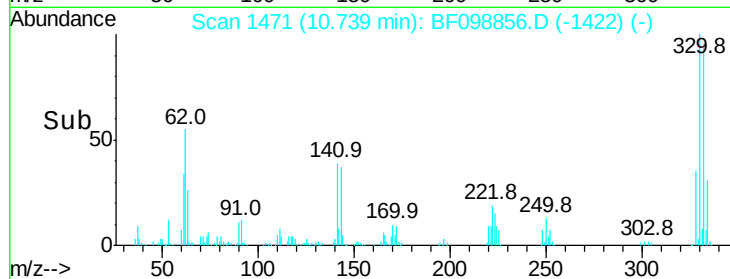
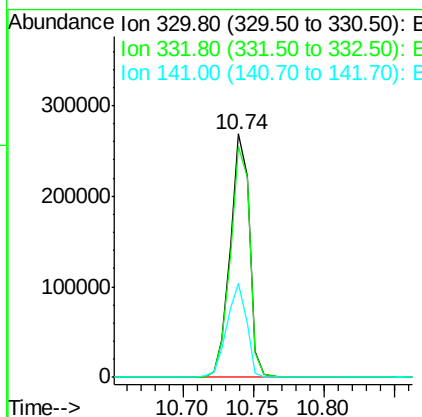
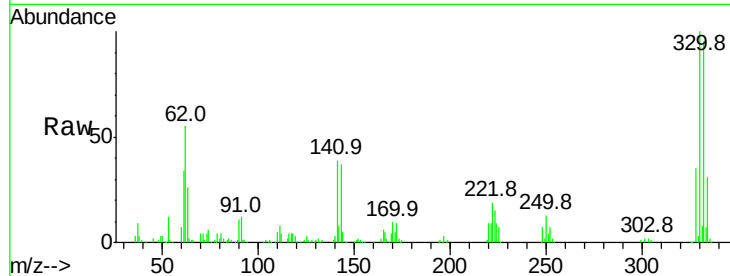




#41
 2,4,6-Tribromophenol
 Concen: 119.079 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098856.D
 Acq: 27 Sep 2017 11:56

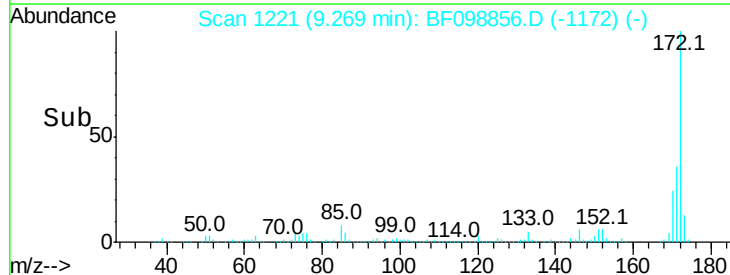
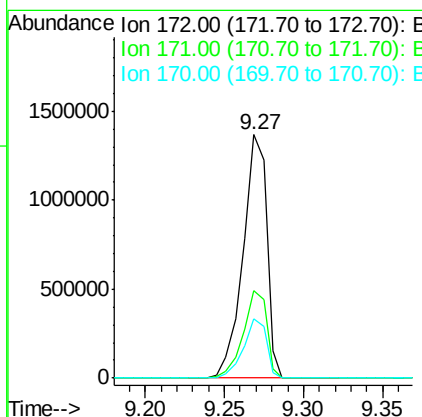
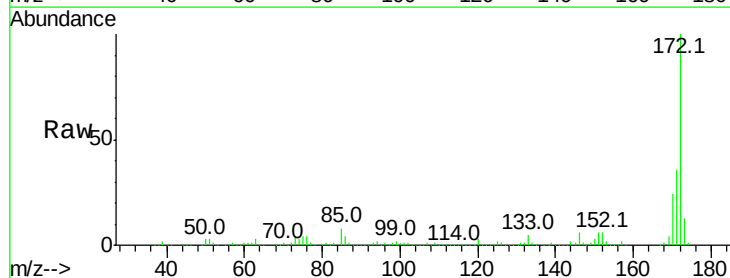
Instrument :
 BNA_F
 ClientSampleId :
 PB102634BL

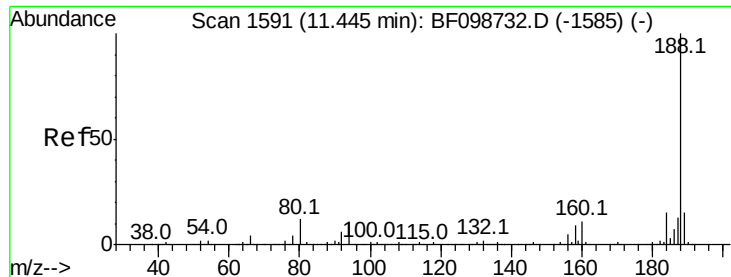
Tot Ion:330 Resp: 254919
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 90.411 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098856.D
 Acq: 27 Sep 2017 11:56

Tgt Ion:172 Resp: 1416866
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098856.D

Acq: 27 Sep 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB102634BL

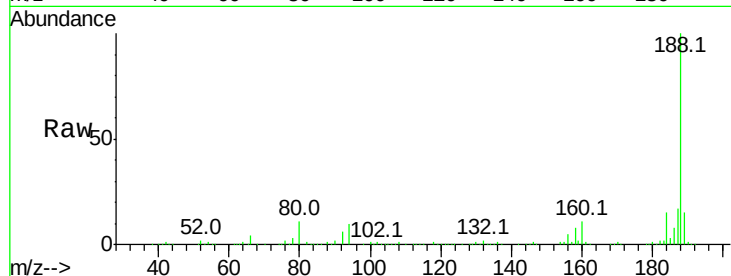
Tot Ion:188 Resp: 459357

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

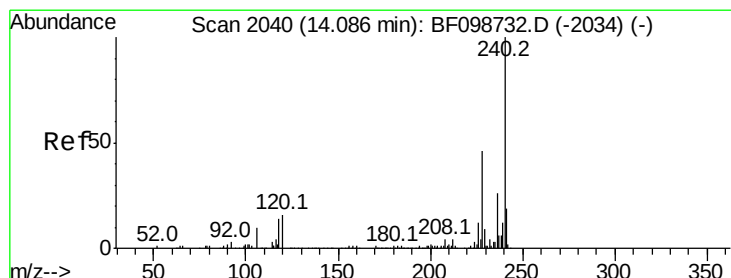
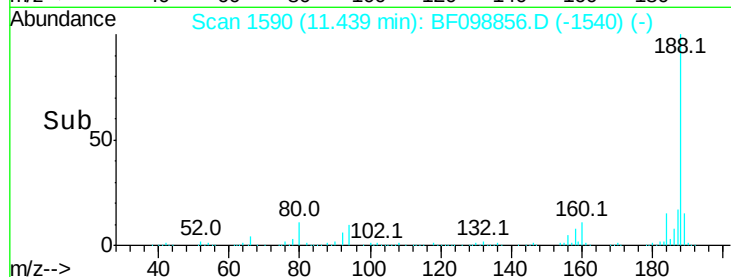
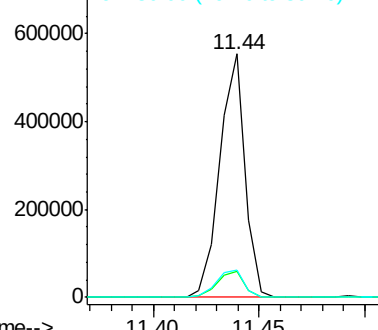
80 11.4 9.2 13.8



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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098856.D

Acq: 27 Sep 2017 11:56

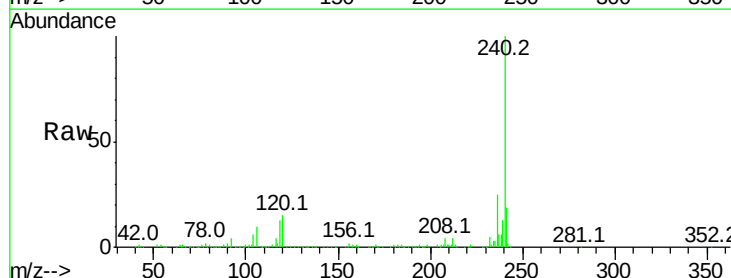
Tgt Ion:240 Resp: 291494

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

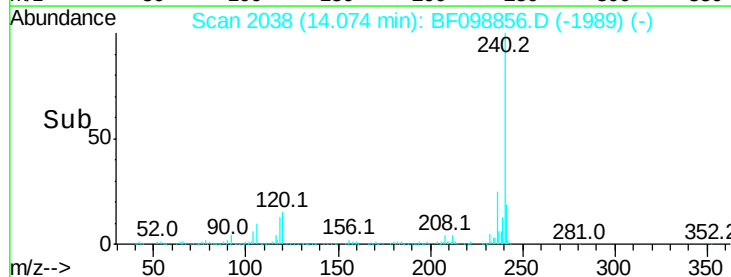
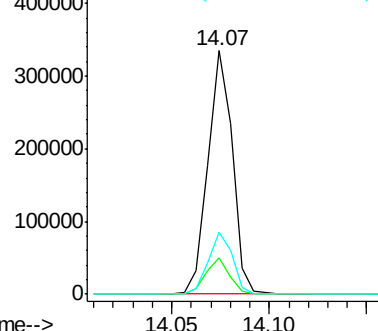
236 25.3 20.7 31.1

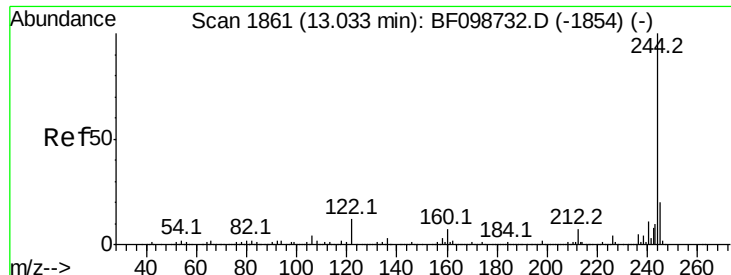


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.456 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098856.D

Acq: 27 Sep 2017 11:56

Instrument :

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ClientSampleId :

PB102634BL

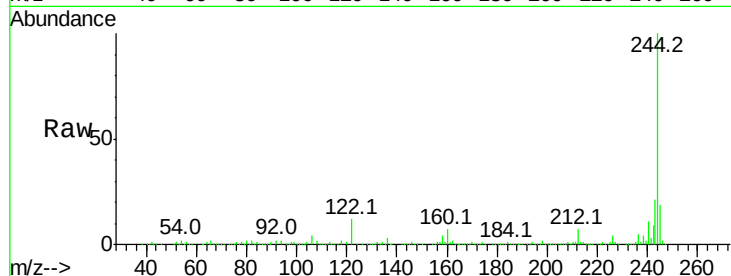
Tot Ion:244 Resp: 1210681

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

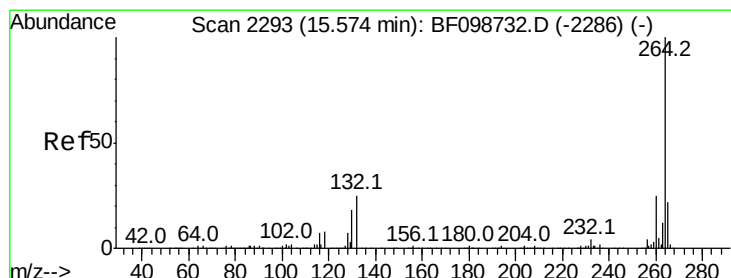
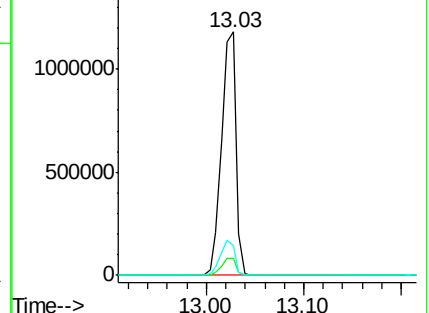
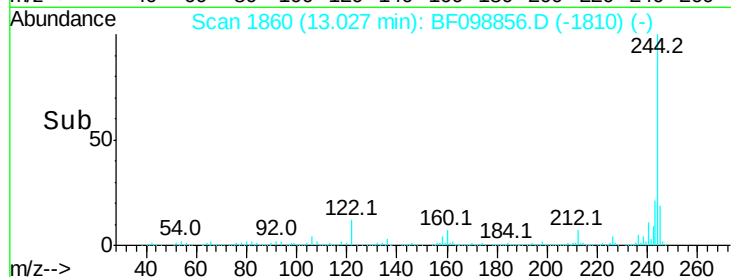
122 12.2 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098856.D

Acq: 27 Sep 2017 11:56

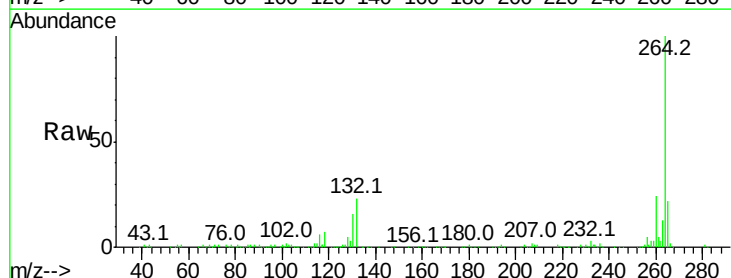
Tgt Ion:264 Resp: 239220

Ion Ratio Lower Upper

264 100

260 24.3 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

