

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099331.D
 Acq On : 11 Oct 2017 7:06
 Operator : SJ/JU
 Sample : I5749-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Quant Time: Oct 11 07:40:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84657	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	324394	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	122845	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	197056	20.00	ng	0.00
75) Chrysene-d12	14.03	240	174299	20.00	ng	0.00
86) Perylene-d12	15.50	264	117990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	631780	118.80	ng	0.02
7) Phenol-d6	6.50	99	635415	96.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	453969	89.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	122592	121.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	841716	114.39	ng	0.00
78) Terphenyl-d14	12.97	244	671295	87.59	ng	0.00

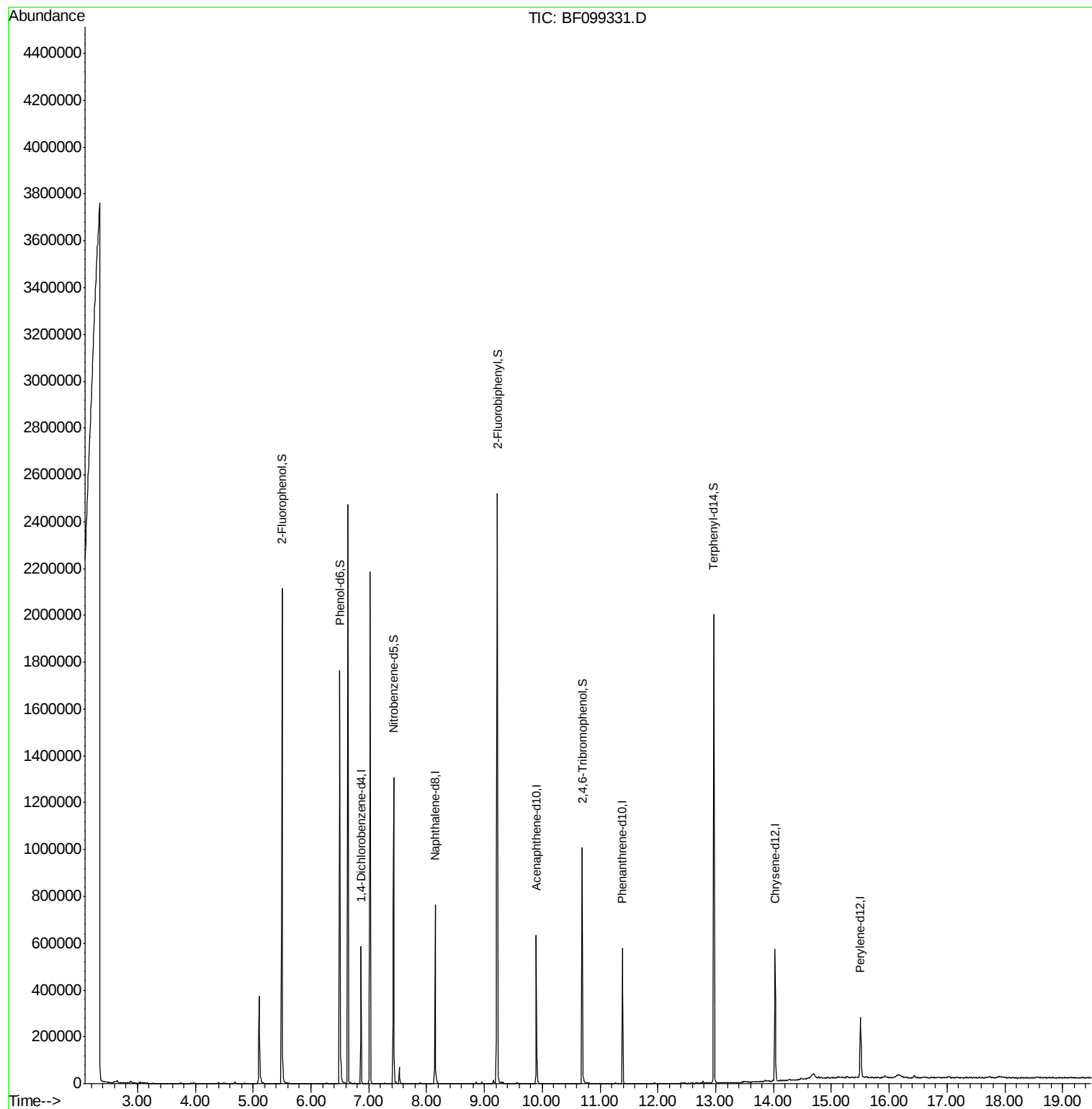
Target Compounds Qvalue

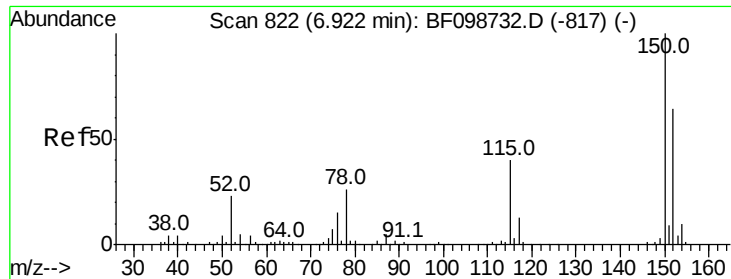
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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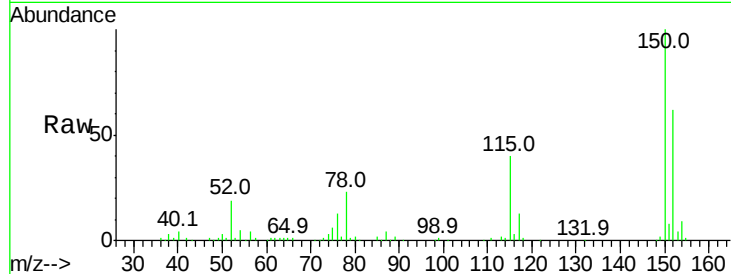


#1

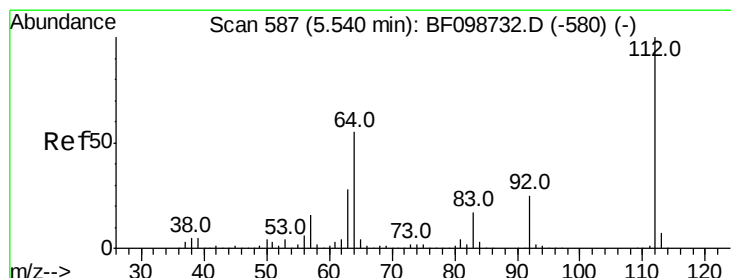
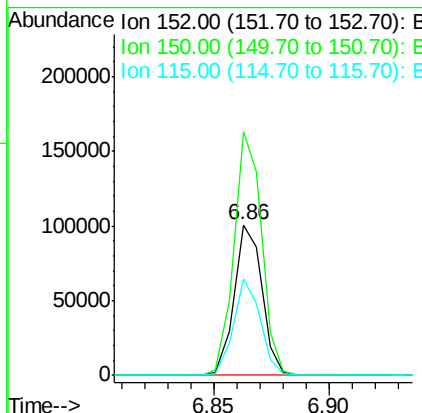
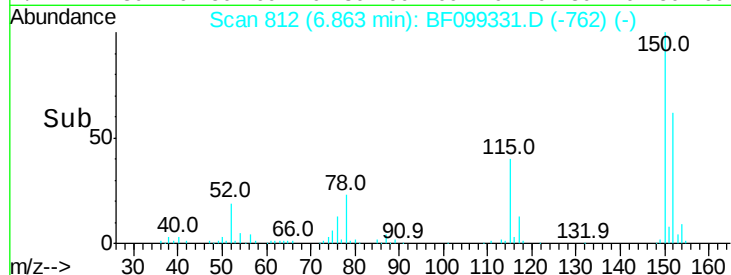
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion:152 Resp: 84657
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.6 186.8
 115 64.2 50.1 75.1



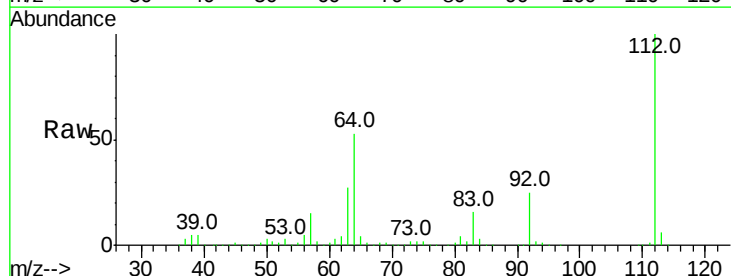
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



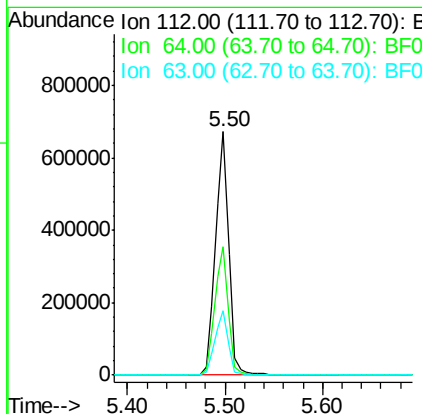
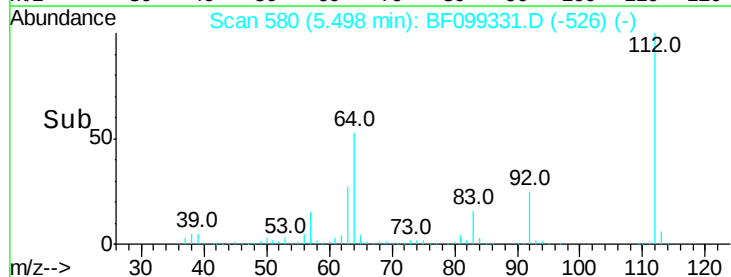
#5

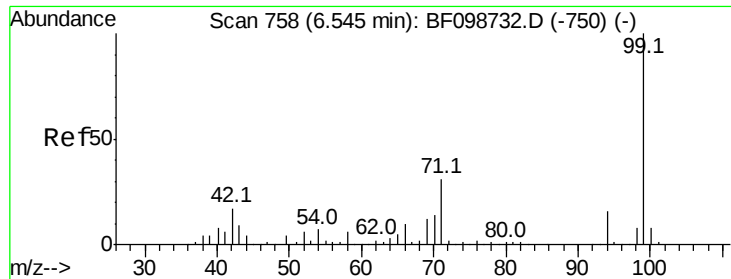
2-Fluorophenol
 Concen: 118.801 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Tgt Ion:112 Resp: 631780
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 26.6 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: 96.857 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

Instrument :

BNA_F

ClientSampleId :

SP-COMP

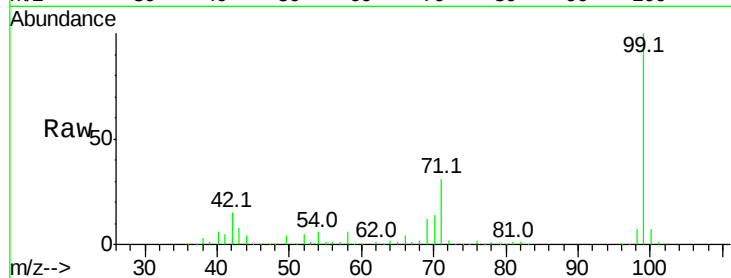
Tot Ion: 99 Resp: 635415

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

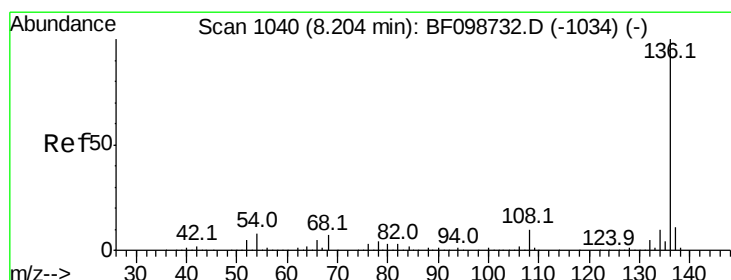
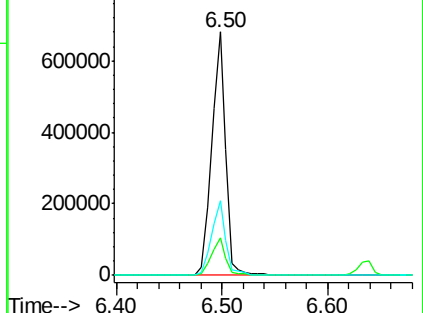
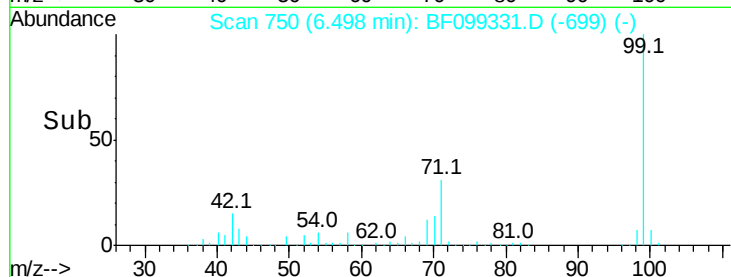
71 30.8 25.4 38.0



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. -0.01 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

Tgt Ion: 136 Resp: 324394

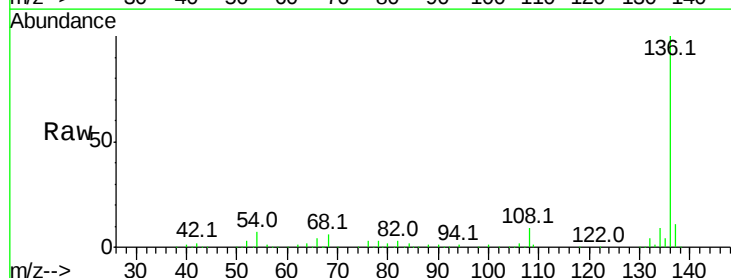
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.7 5.0 7.4

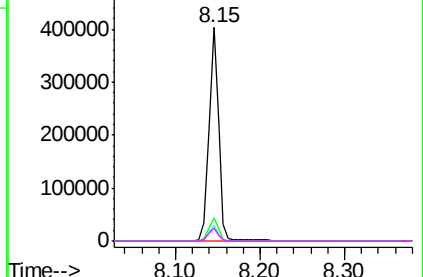
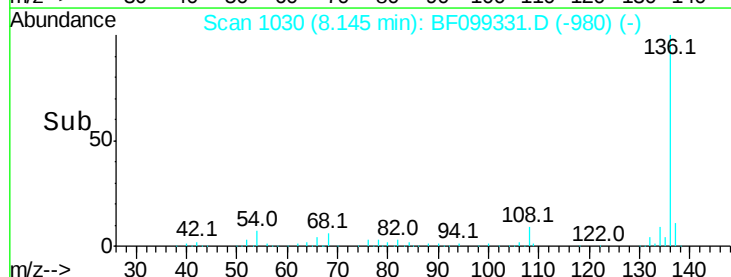


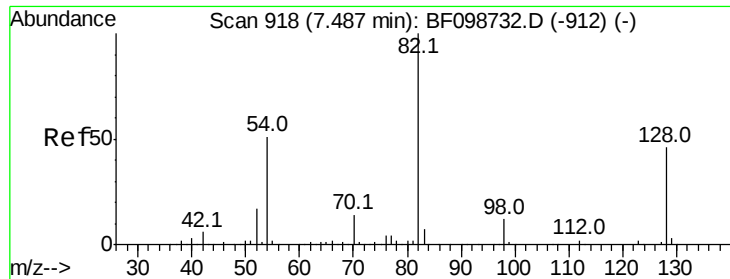
Abundance Ion 136.00 (135.70 to 136.70): E

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

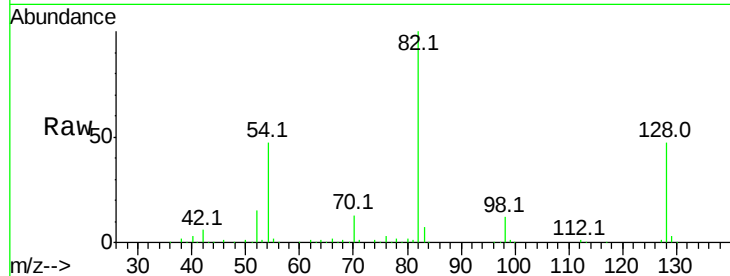




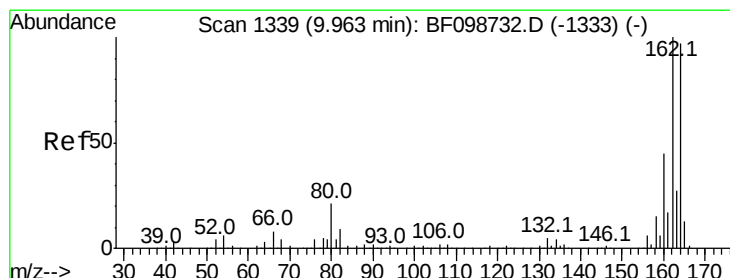
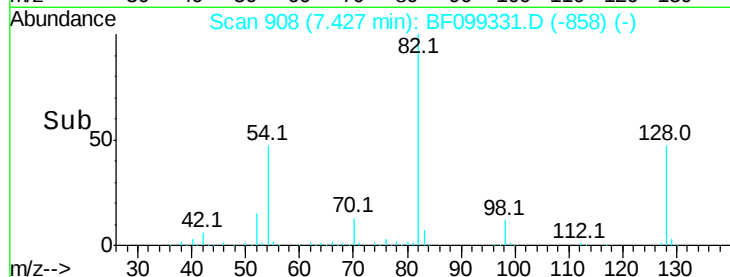
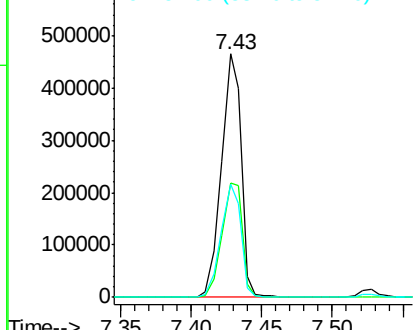
#23
 Nitrobenzene-d5
 Concen: 89.746 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	82	Resp	453969
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	46.6	41.4	62.2

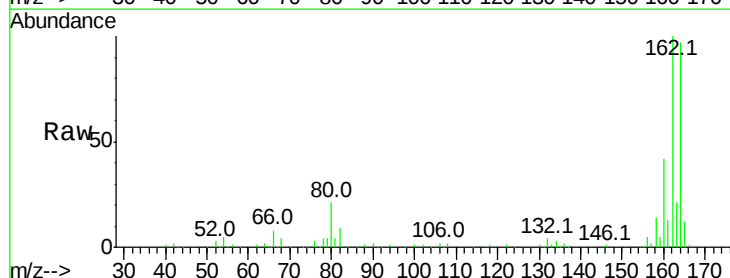


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

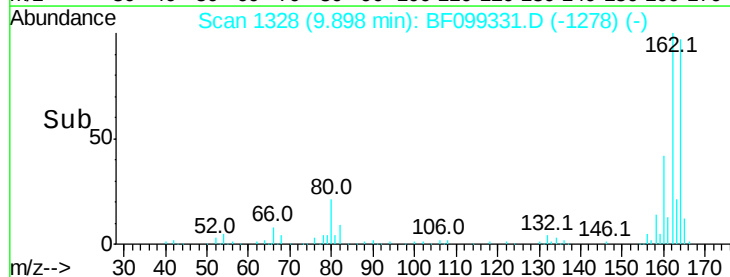
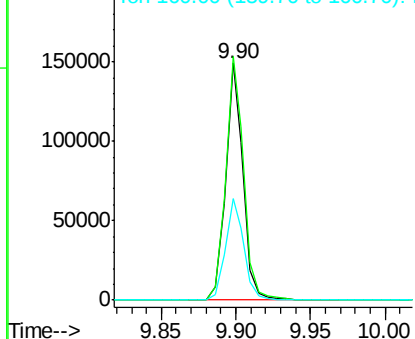


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Tgt Ion	164	Resp	122845
Ion Ratio	Lower	Upper	
164	100		
162	102.8	86.1	129.1
160	42.8	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

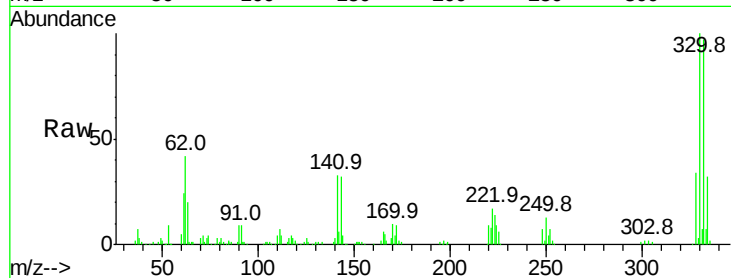




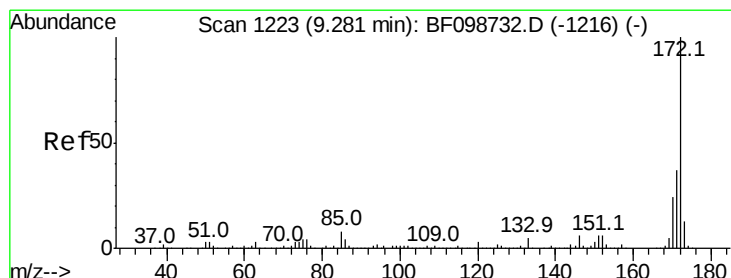
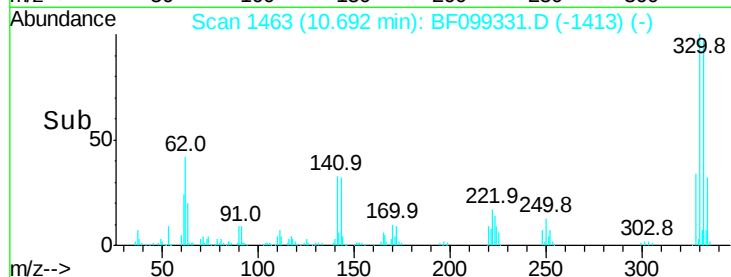
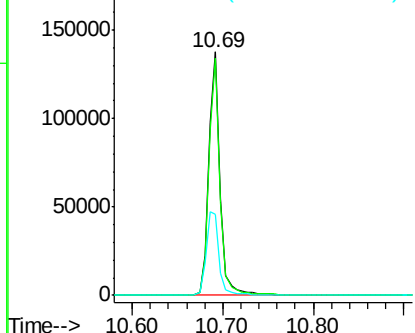
#41
 2,4,6-Tribromophenol
 Concen: 121.957 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion:330 Resp: 122592
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 38.7 29.9 44.9

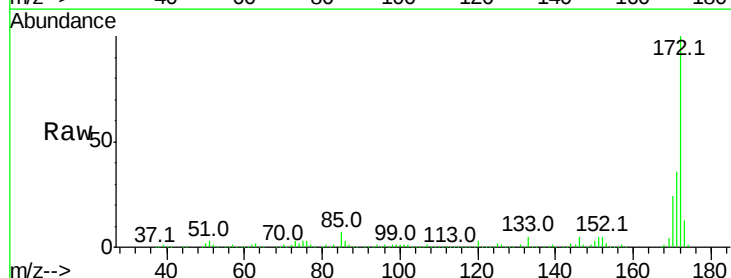


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

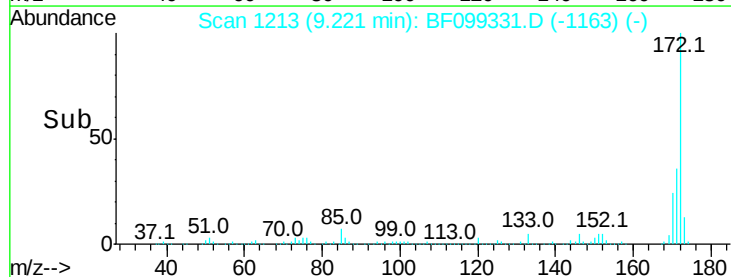
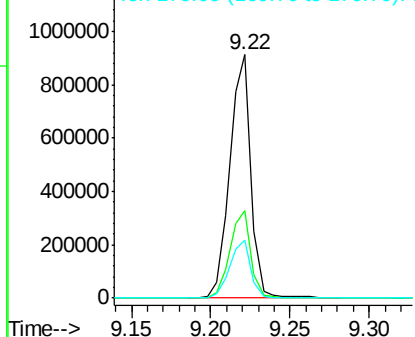


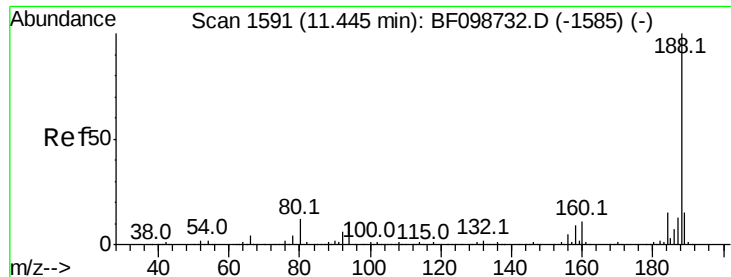
#44
 2-Fluorobiphenyl
 Concen: 114.386 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099331.D
 Acq: 11 Oct 2017 7:06

Tgt Ion:172 Resp: 841716
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 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

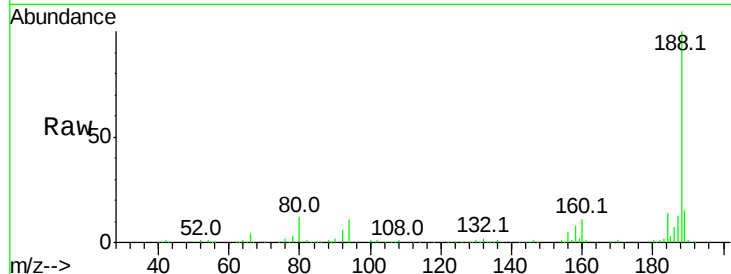




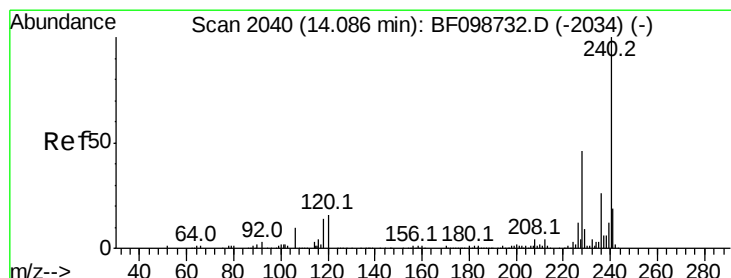
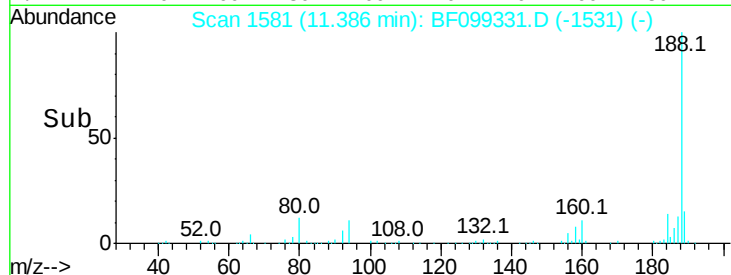
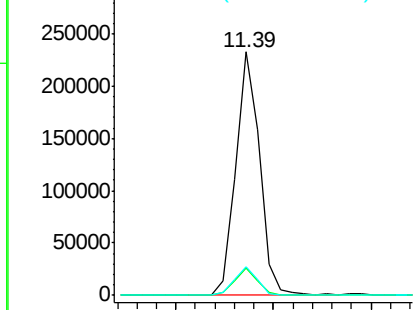
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion:188 Resp: 197056
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.2 13.8

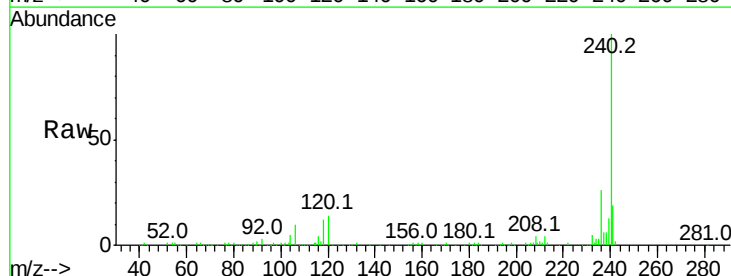


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

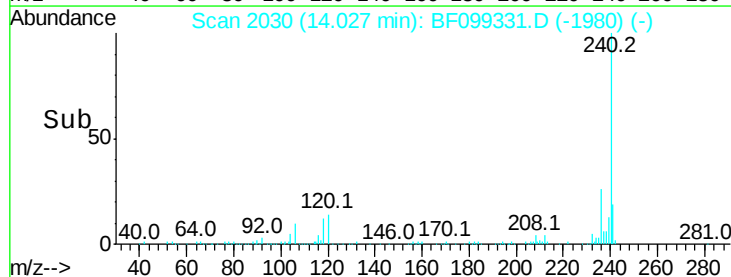
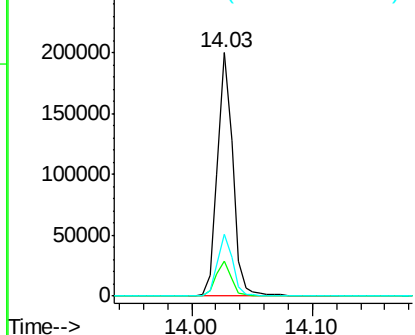


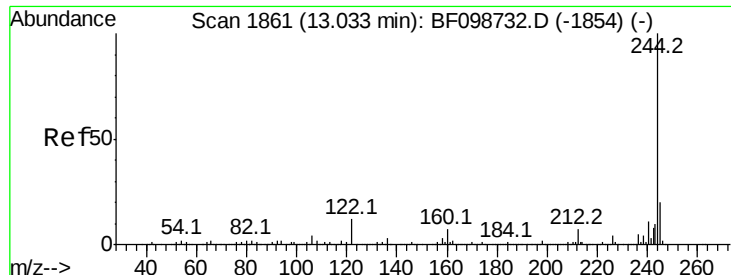
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099331.D
Acq: 11 Oct 2017 7:06

Tgt Ion:240 Resp: 174299
Ion Ratio Lower Upper
240 100
120 14.3 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: 87.589 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

Instrument :

BNA_F

ClientSampleId :

SP-COMP

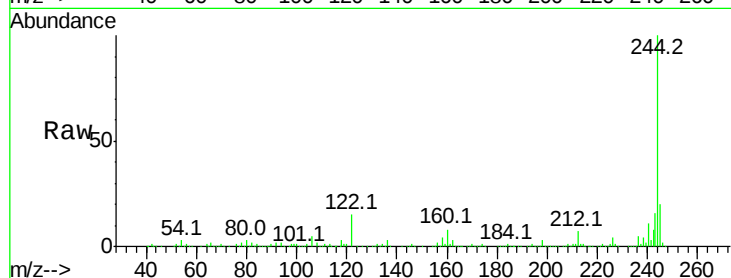
Tot Ion:244 Resp: 671295

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

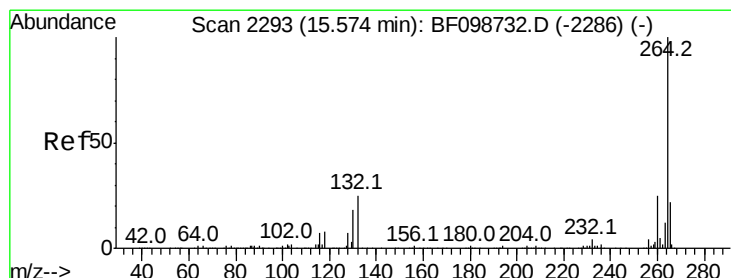
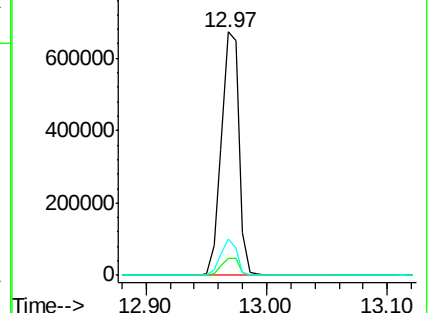
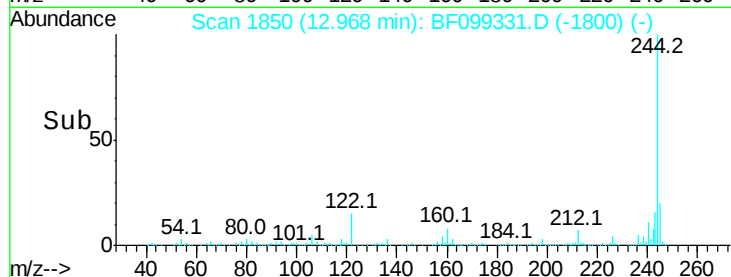
122 14.9 11.0 16.4



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. -0.00 min

Lab File: BF099331.D

Acq: 11 Oct 2017 7:06

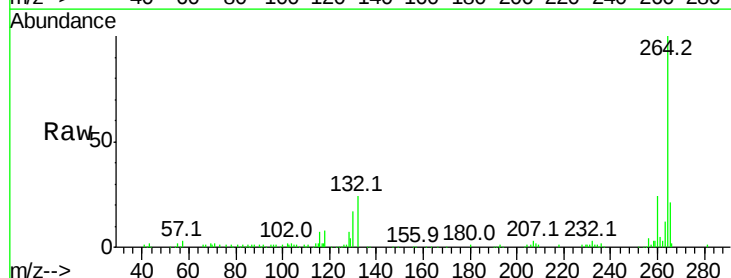
Tgt Ion:264 Resp: 117990

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 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

