

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099312.D
 Acq On : 10 Oct 2017 20:54
 Operator : SJ/JU
 Sample : I5745-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-A

Quant Time: Oct 11 01:44:34 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	89111	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	356454	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	140620	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	203684	20.00	ng	0.00
75) Chrysene-d12	14.03	240	179368	20.00	ng	0.00
86) Perylene-d12	15.50	264	157897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	738247	131.88	ng	0.02
7) Phenol-d6	6.50	99	783295	113.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	567286	102.06	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	159850	138.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1017568	120.80	ng	0.00
78) Terphenyl-d14	12.97	244	709168	89.92	ng	0.00

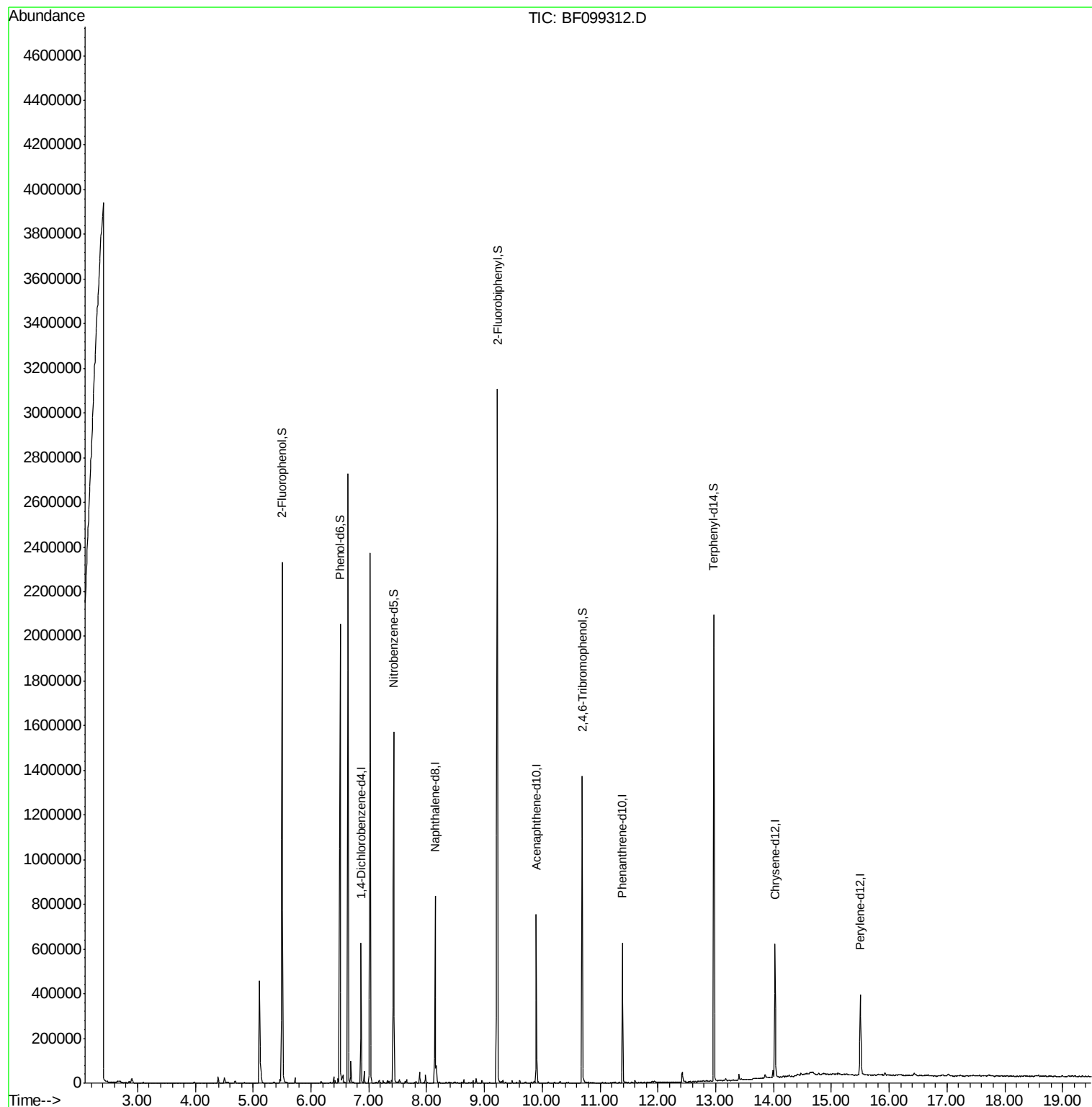
Target Compounds Qvalue

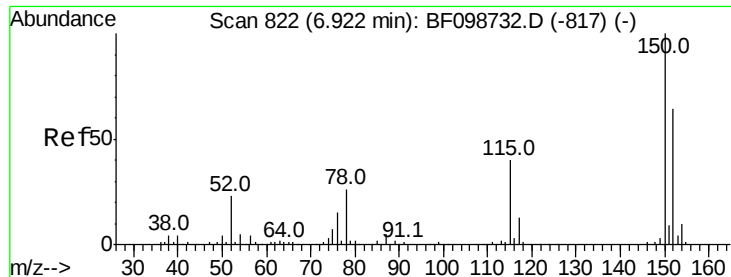
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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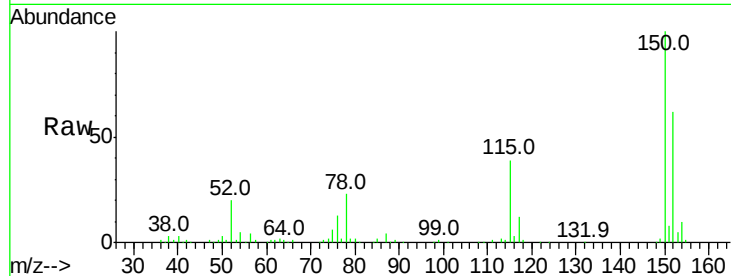


#1

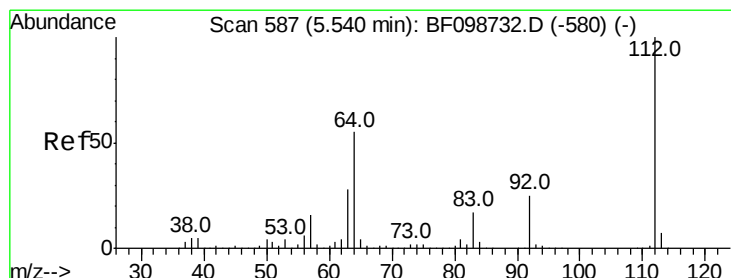
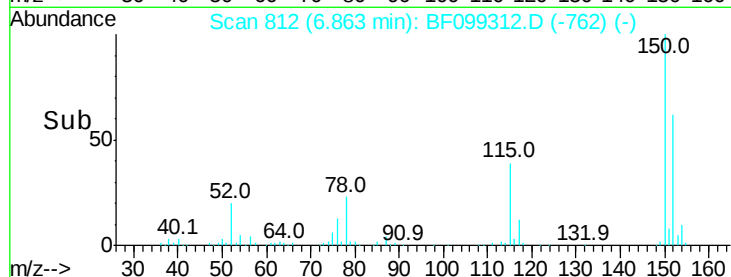
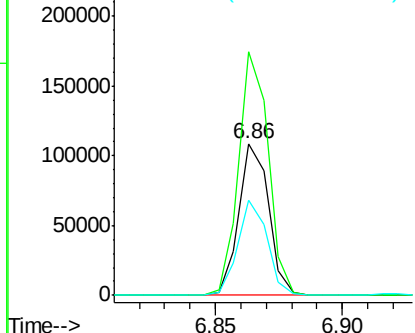
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099312.D
Acq: 10 Oct 2017 20:54

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-A

Tot Ion:152 Resp: 89111
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 62.2 50.1 75.1



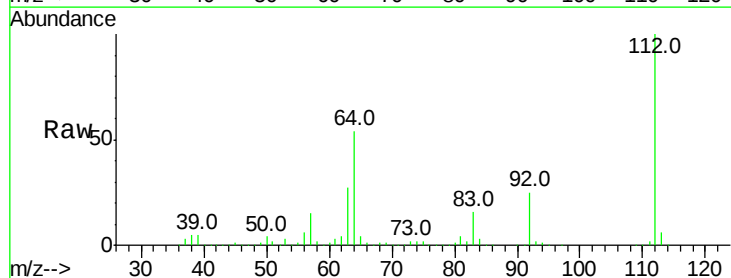
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



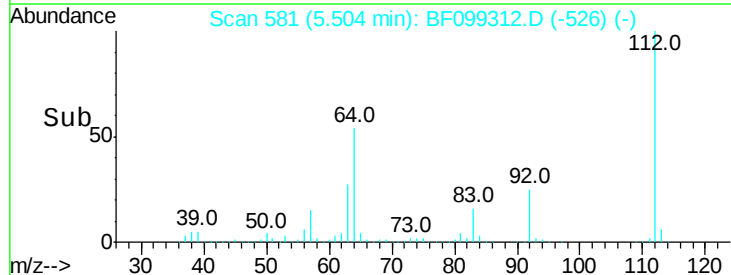
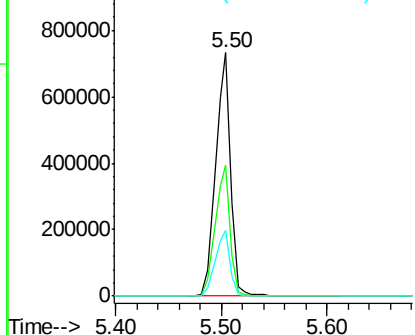
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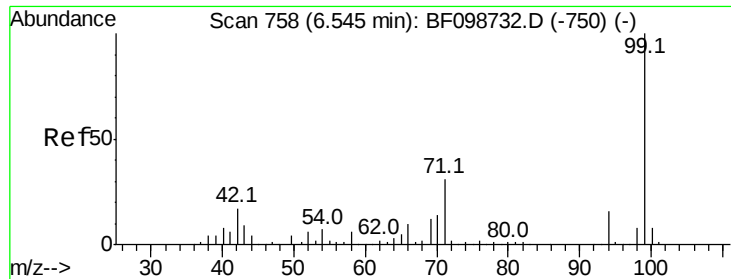
2-Fluorophenol
Concen: 131.882 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF099312.D
Acq: 10 Oct 2017 20:54

Tgt Ion:112 Resp: 738247
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.0 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: 113.431 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099312.D

Acq: 10 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-A

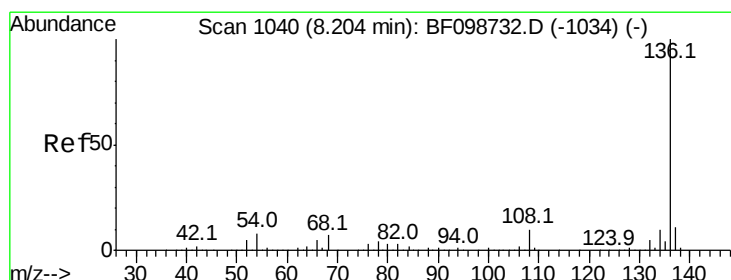
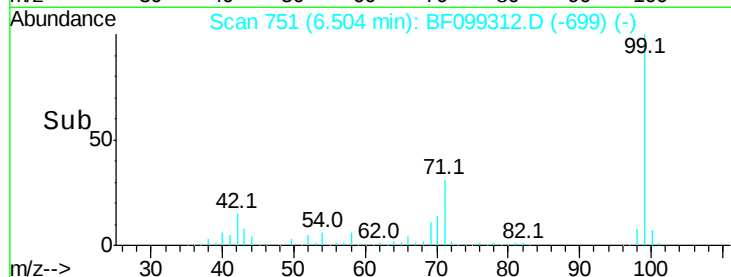
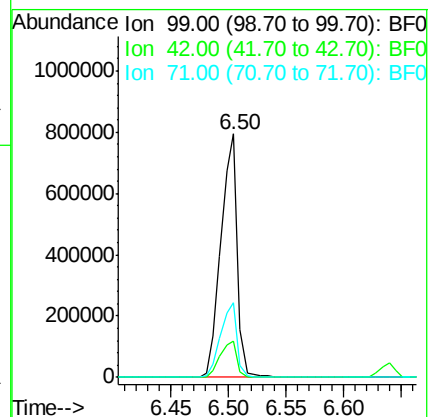
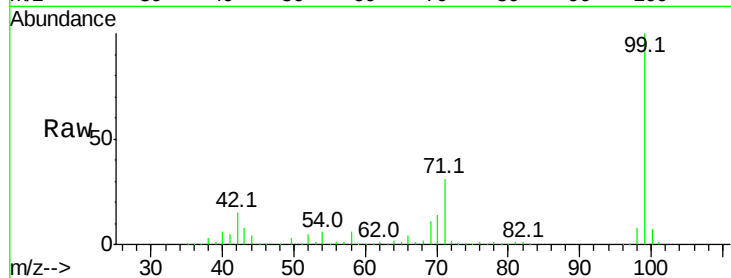
Tot Ion: 99 Resp: 783295

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 30.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099312.D

Acq: 10 Oct 2017 20:54

Tgt Ion: 136 Resp: 356454

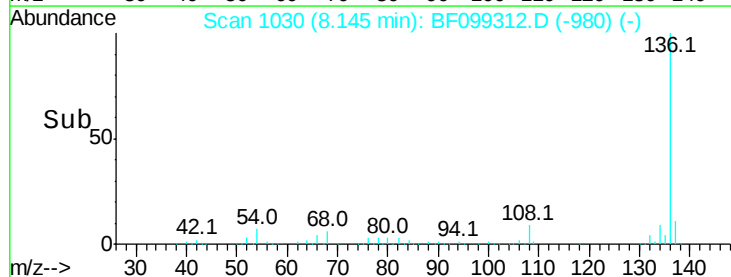
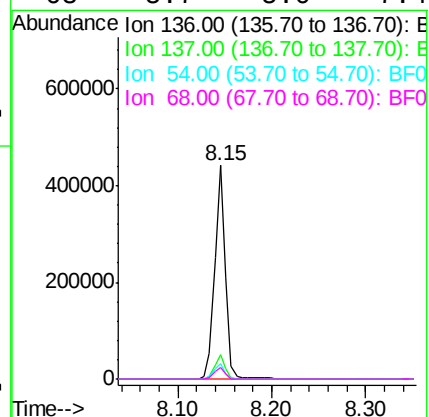
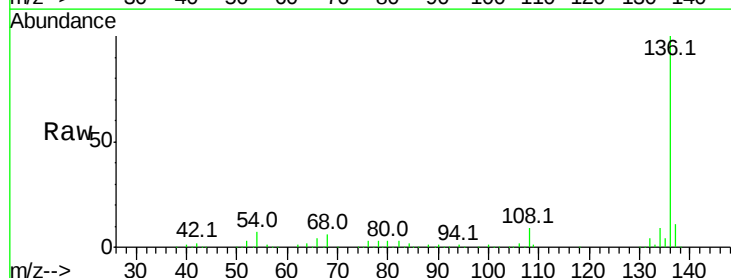
Ion Ratio Lower Upper

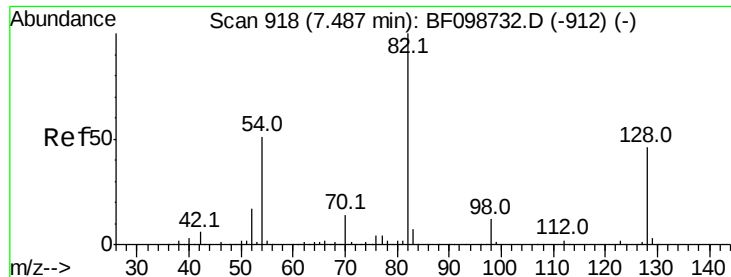
136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

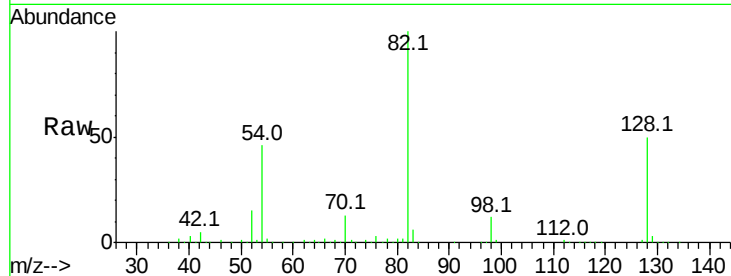




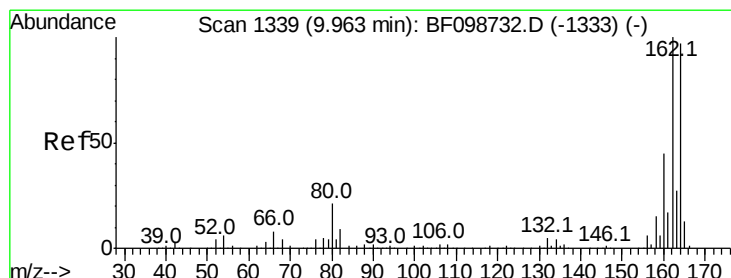
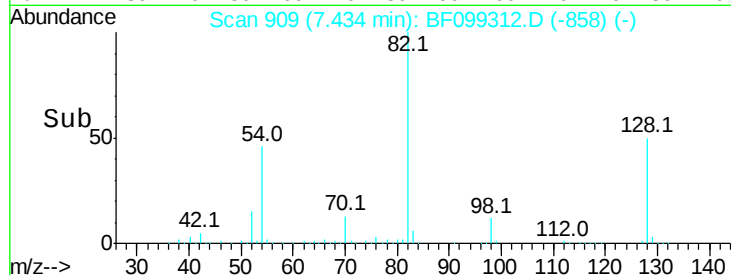
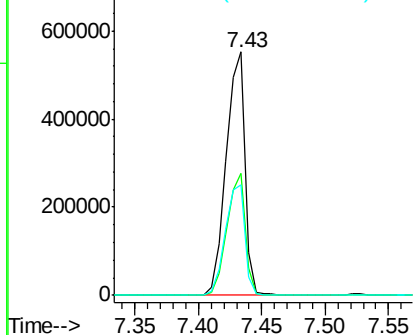
#23
 Nitrobenzene-d5
 Concen: 102.061 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099312.D
 Acq: 10 Oct 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-A

Tot Ion	82	Resp	567286
Ion Ratio	100	Lower	Upper
128	49.9	36.1	54.1
54	45.5	41.4	62.2

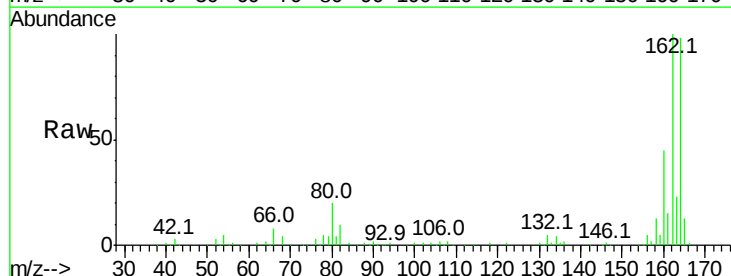


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

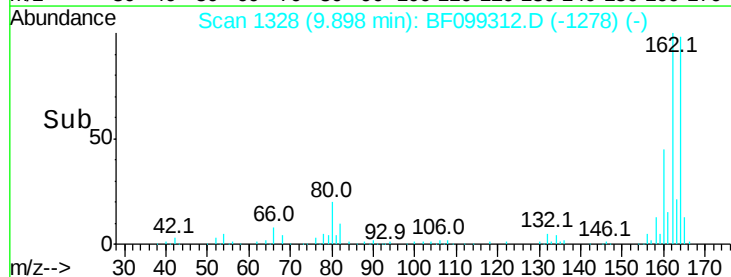
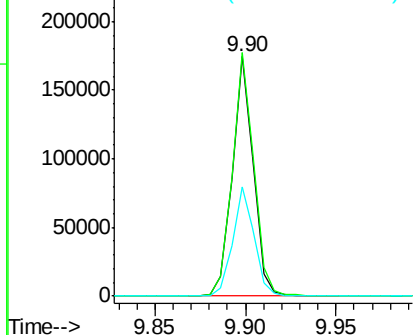


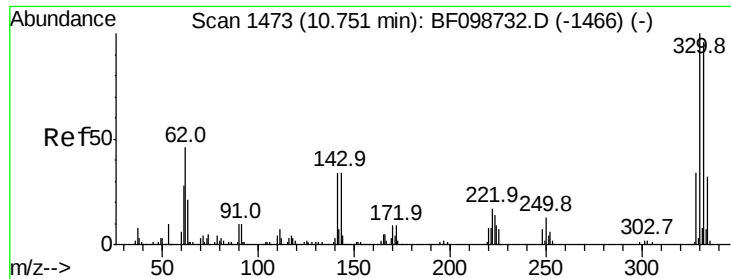
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099312.D
 Acq: 10 Oct 2017 20:54

Tgt Ion	164	Resp	140620
Ion Ratio	100	Lower	Upper
162	101.7	86.1	129.1
160	45.5	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

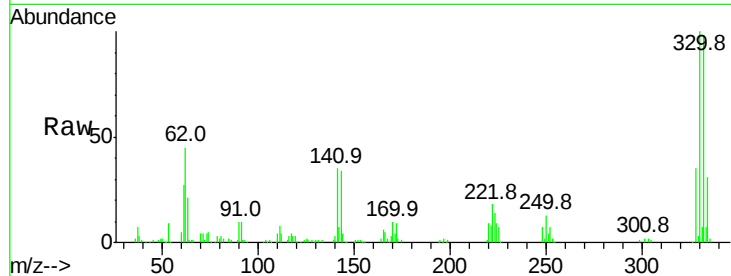




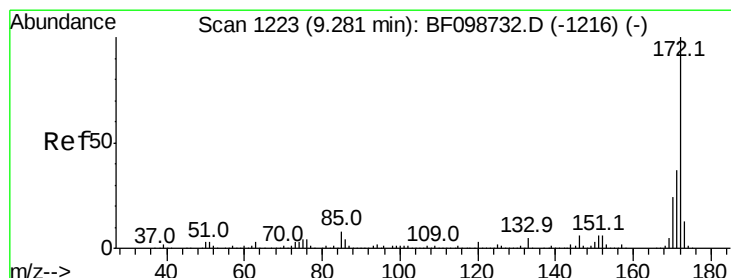
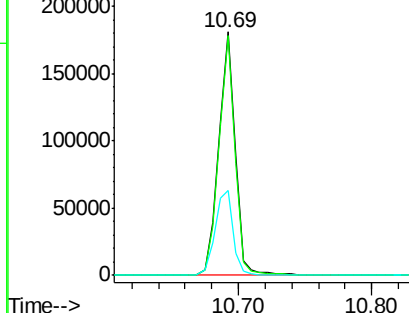
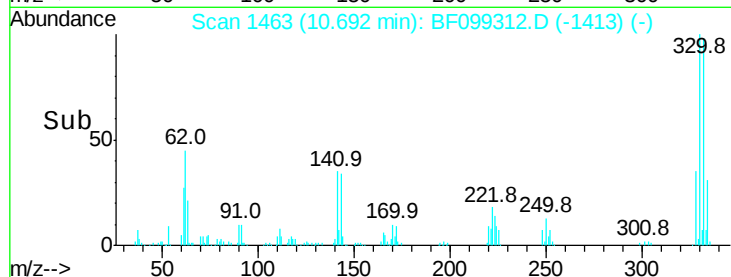
#41
 2,4,6-Tribromophenol
 Concen: 138.921 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099312.D
 Acq: 10 Oct 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.4	29.9	44.9

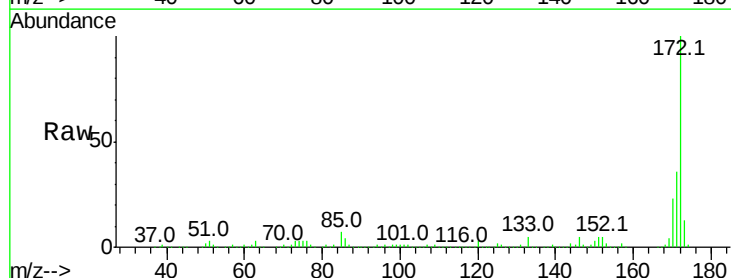


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

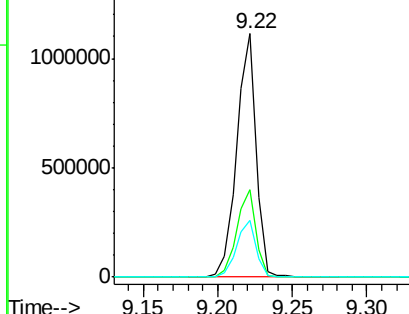
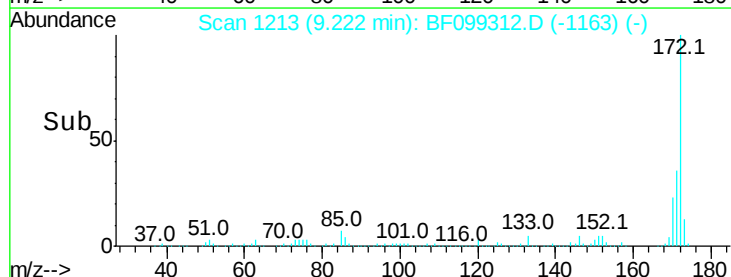


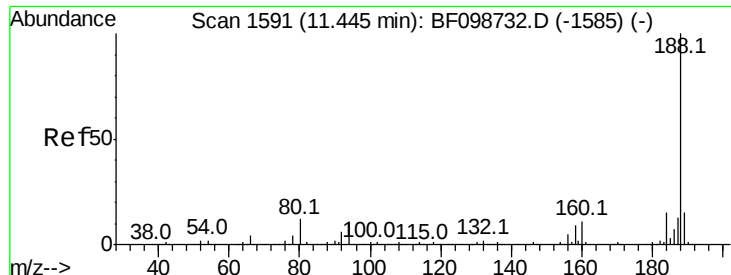
#44
 2-Fluorobiphenyl
 Concen: 120.804 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099312.D
 Acq: 10 Oct 2017 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.4	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

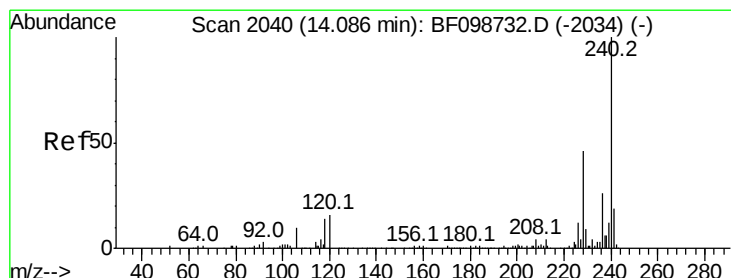
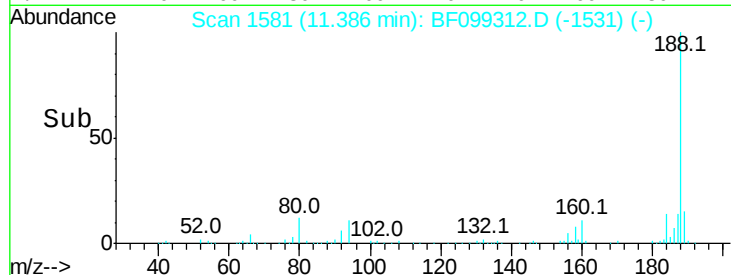
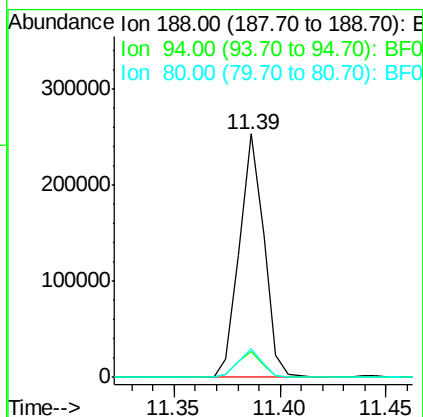
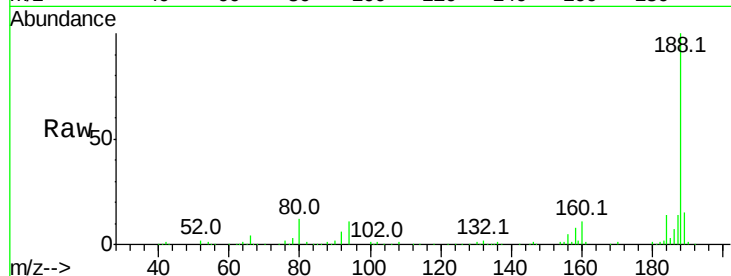




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099312.D
Acq: 10 Oct 2017 20:54

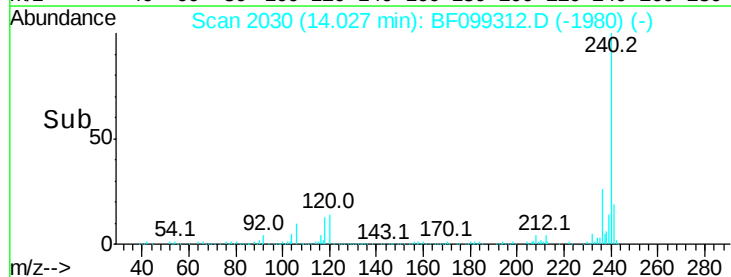
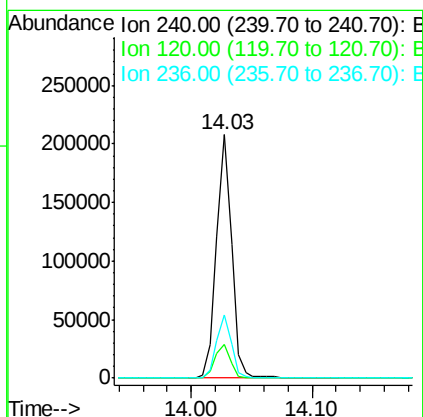
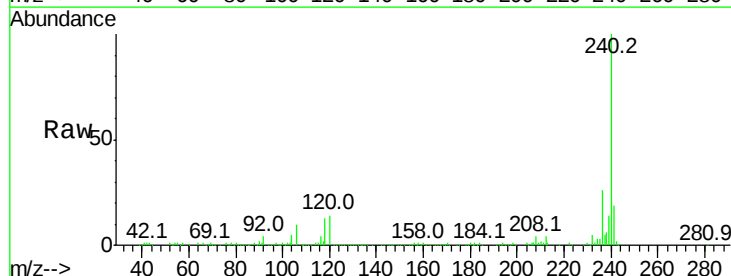
Instrument :
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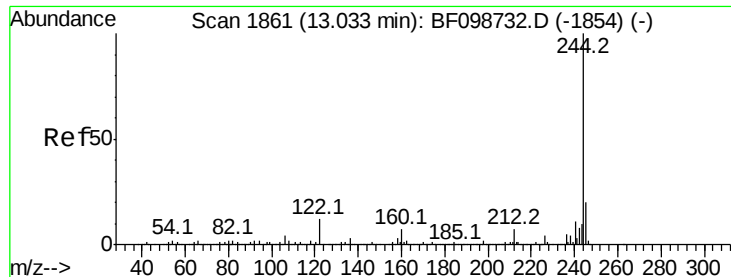
Tot Ion:188 Resp: 203684
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099312.D
Acq: 10 Oct 2017 20:54

Tgt Ion:240 Resp: 179368
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 89.915 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099312.D

Acq: 10 Oct 2017 20:54

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-A

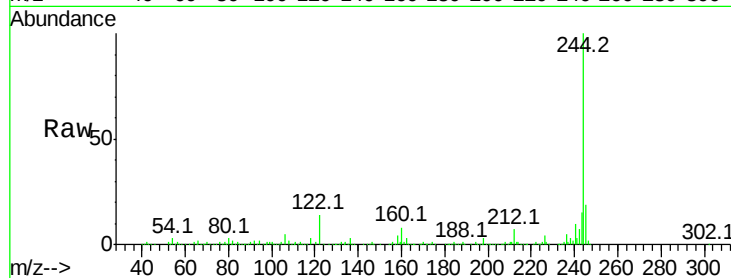
Tot Ion:244 Resp: 709168

Ion Ratio Lower Upper

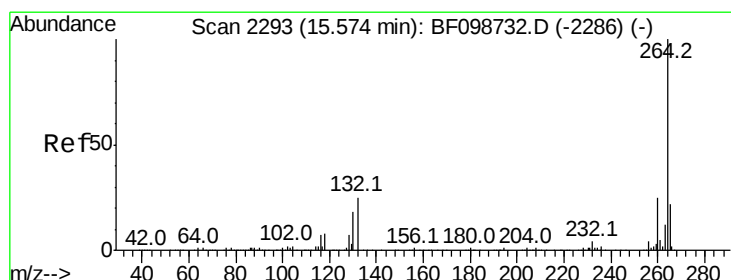
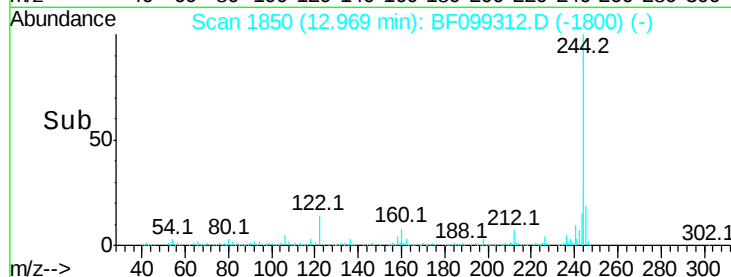
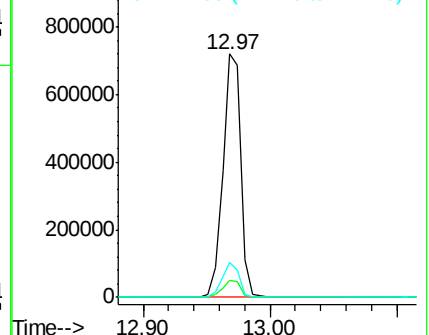
244 100

212 7.2 5.4 8.0

122 14.5 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: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099312.D

Acq: 10 Oct 2017 20:54

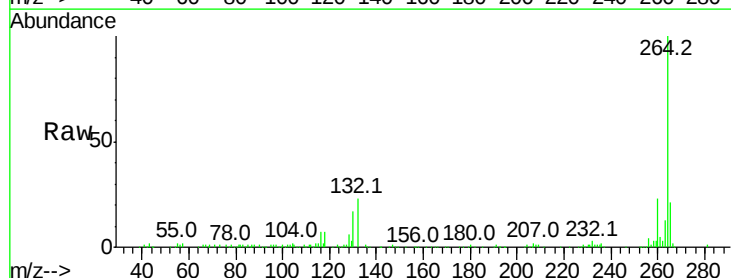
Tgt Ion:264 Resp: 157897

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.1 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

