

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099140.D
 Acq On : 6 Oct 2017 11:11
 Operator : SJ/JU
 Sample : I5644-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP

Quant Time: Oct 06 14:39:24 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	129847	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	537045	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241198	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	437391	20.00	ng	0.00
75) Chrysene-d12	14.02	240	352274	20.00	ng	-0.01
86) Perylene-d12	15.50	264	252059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	912571	111.88	ng	0.02
7) Phenol-d6	6.50	99	984500	97.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	777112	92.80	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	271212	137.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1400348	96.92	ng	0.00
78) Terphenyl-d14	12.97	244	1259439	81.31	ng	0.00

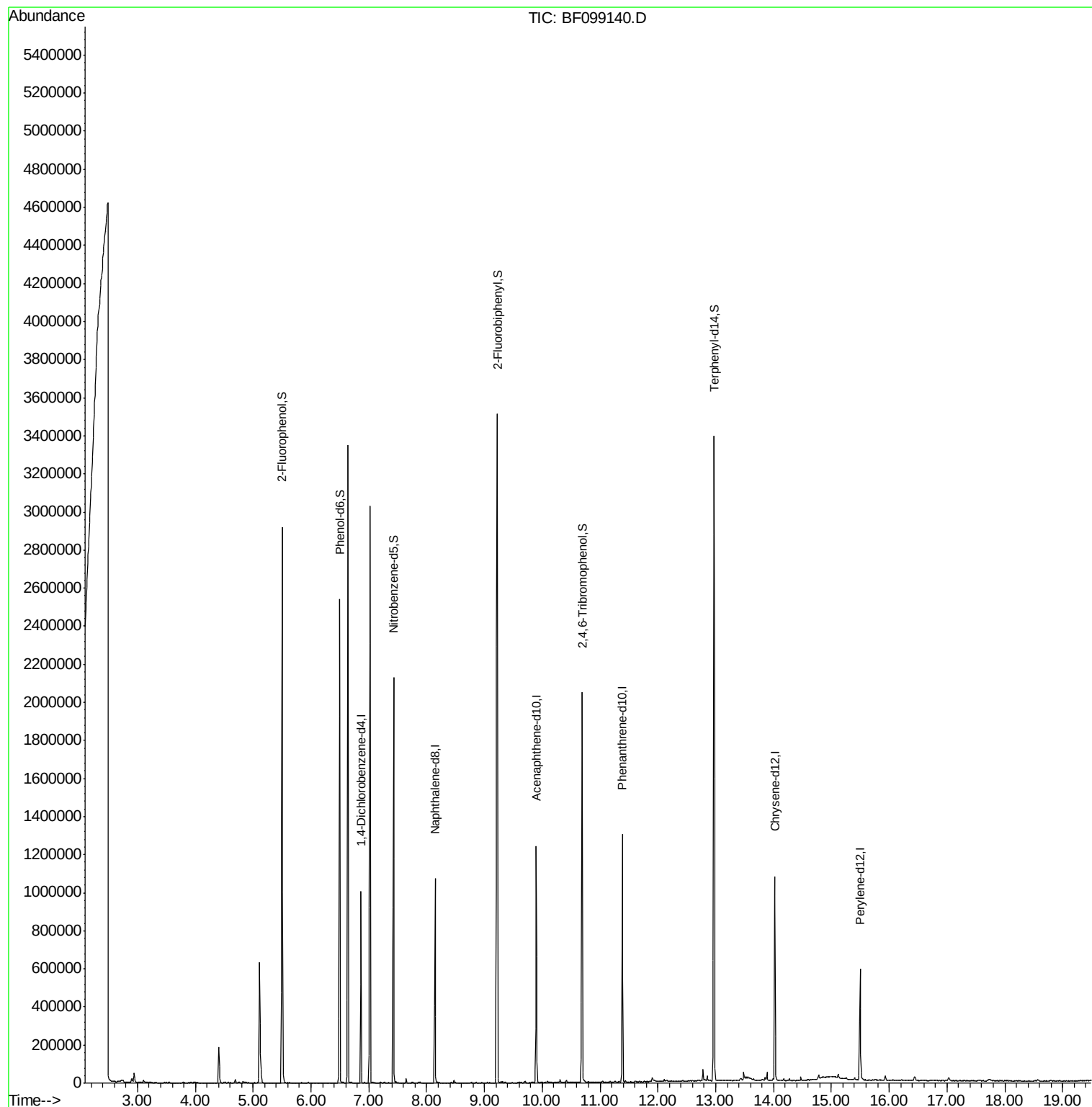
Target Compounds	Qvalue
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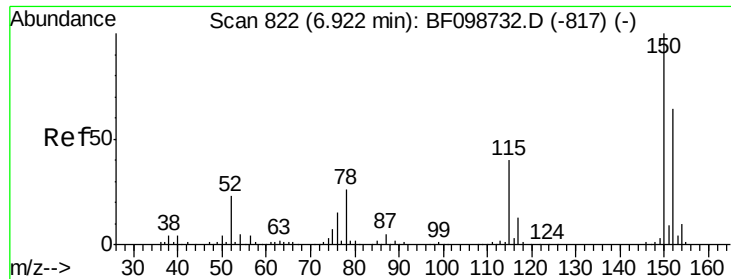
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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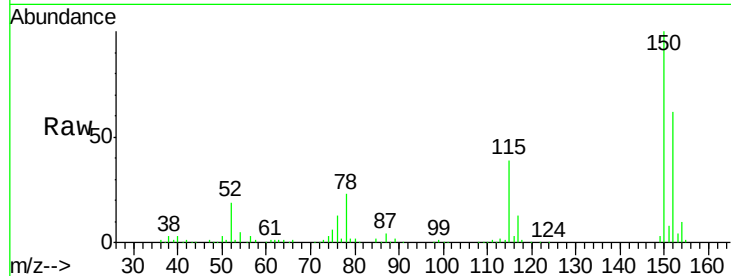




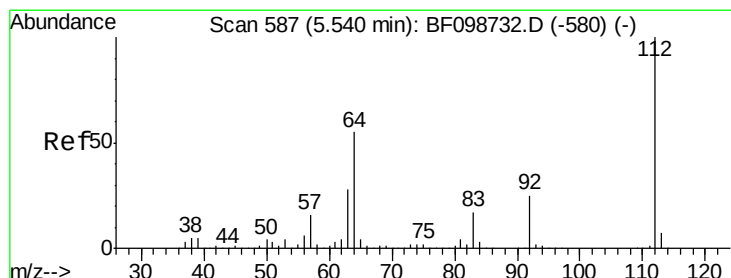
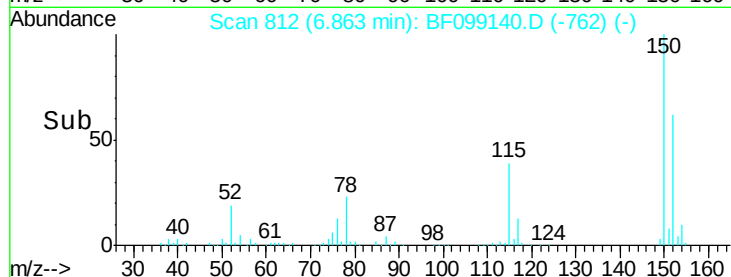
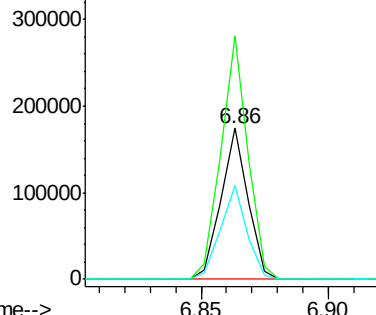
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099140.D
 Acq: 6 Oct 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP

Tgt Ion:152 Resp: 129847
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.6 186.8
 115 62.1 50.1 75.1

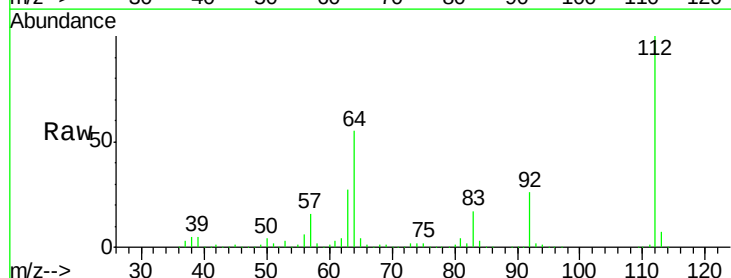


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

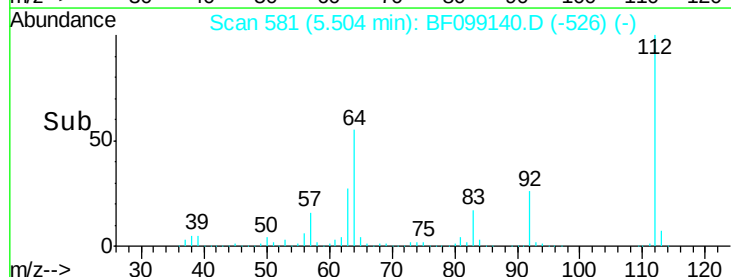
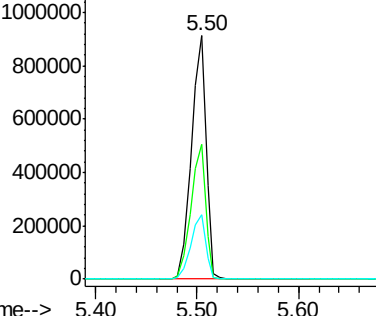


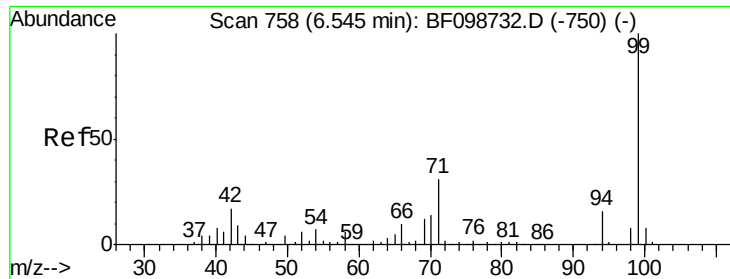
#5
 2-Fluorophenol
 Concen: 111.88 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF099140.D
 Acq: 6 Oct 2017 11:11

Tgt Ion:112 Resp: 912571
 Ion Ratio Lower Upper
 112 100
 64 55.2 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: 97.84 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099140.D

Acq: 6 Oct 2017 11:11

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP

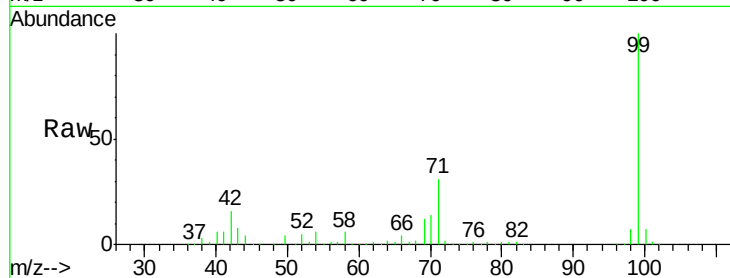
Tgt Ion: 99 Resp: 984500

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

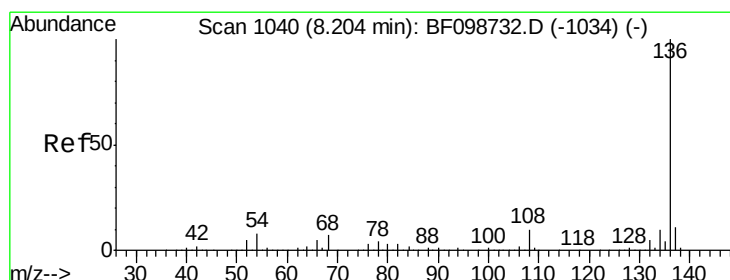
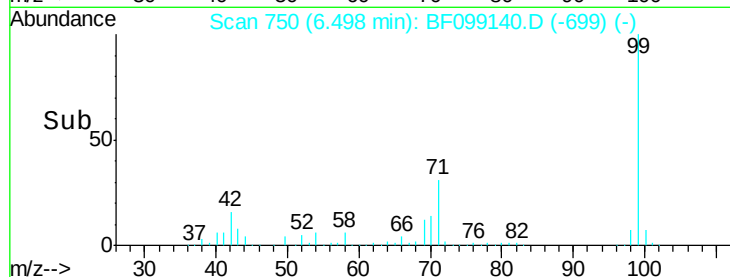
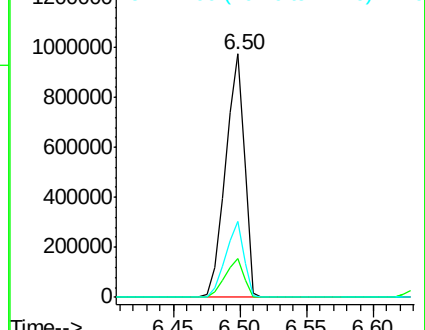
71 31.0 25.4 38.0



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: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099140.D

Acq: 6 Oct 2017 11:11

Tgt Ion: 136 Resp: 537045

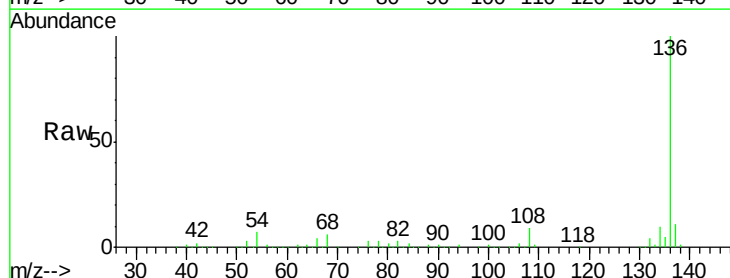
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4

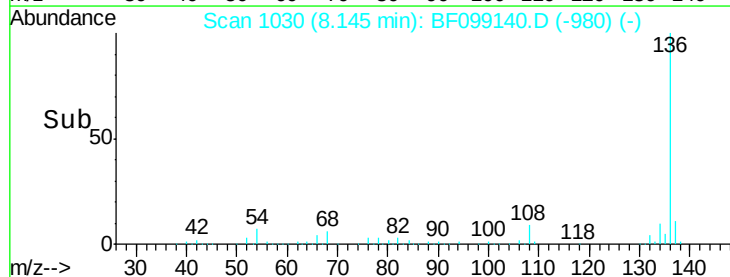
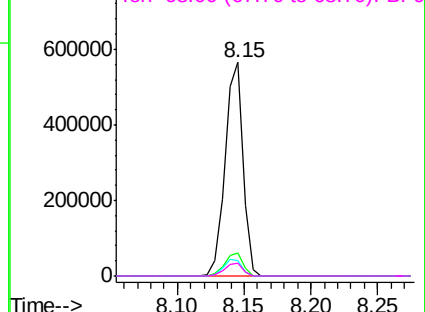


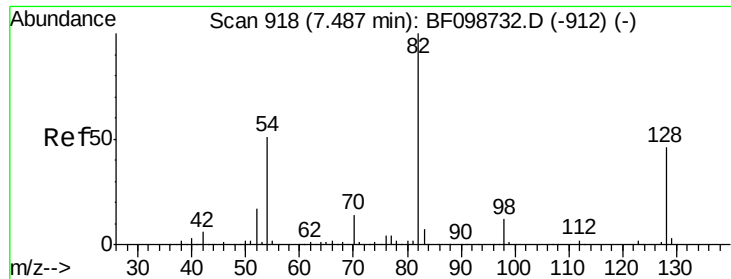
Abundance Ion 136.00 (135.70 to 136.70): E

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

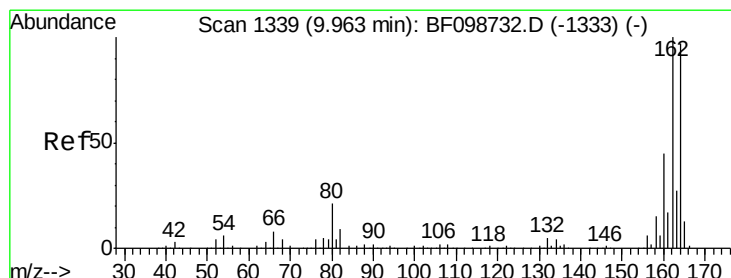
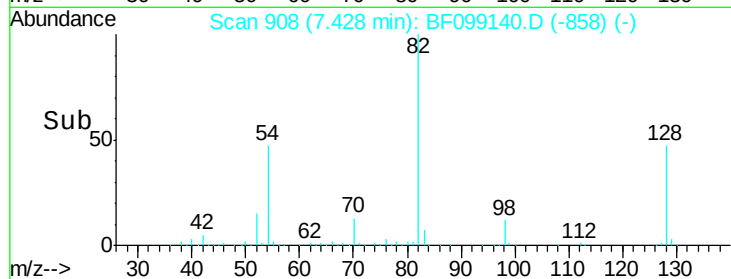
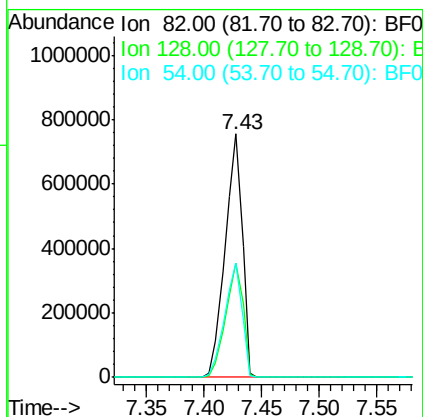
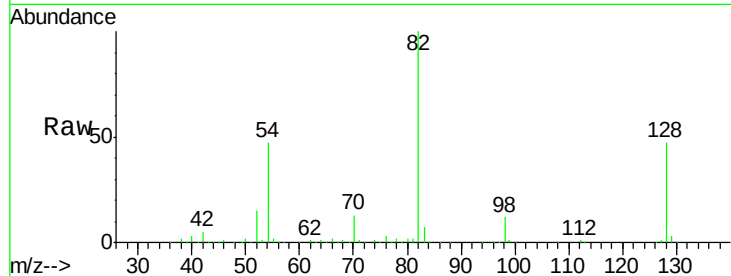




#23
 Nitrobenzene-d5
 Concen: 92.80 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099140.D
 Acq: 6 Oct 2017 11:11

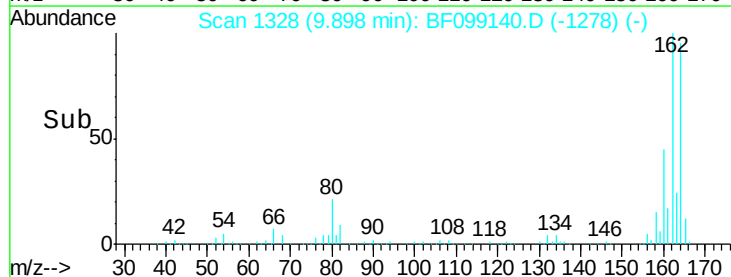
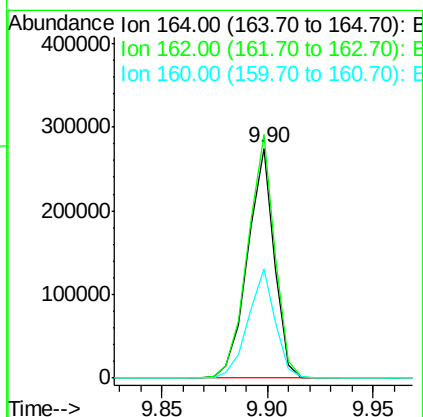
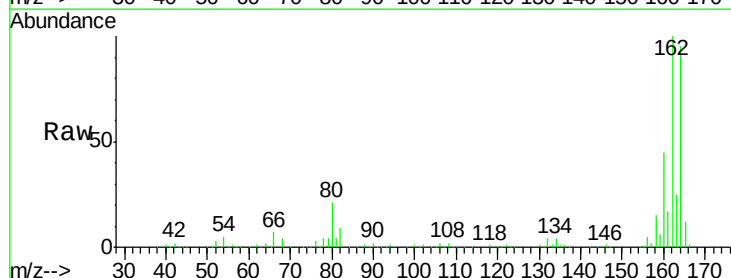
Instrument :
 BNA_F
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 TP-9-COMP

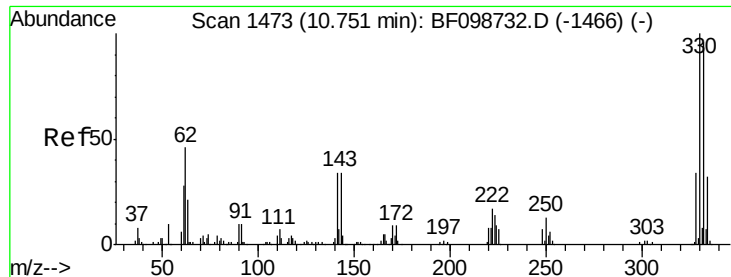
Tgt Ion: 82 Resp: 777112
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 47.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099140.D
 Acq: 6 Oct 2017 11:11

Tgt Ion: 164 Resp: 241198
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 47.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 137.42 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099140.D

Acq: 6 Oct 2017 11:11

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP

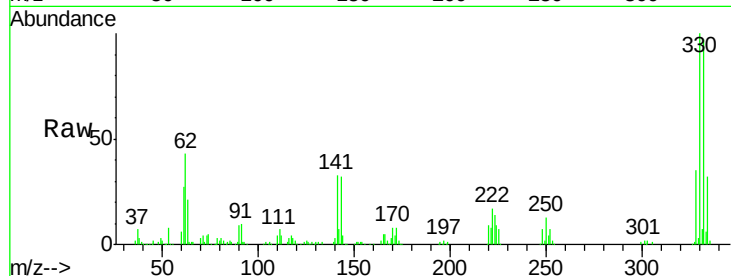
Tgt Ion:330 Resp: 271212

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

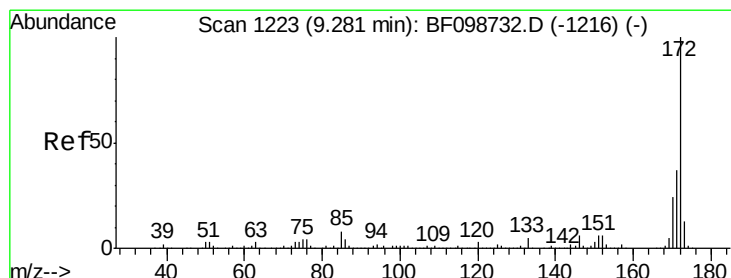
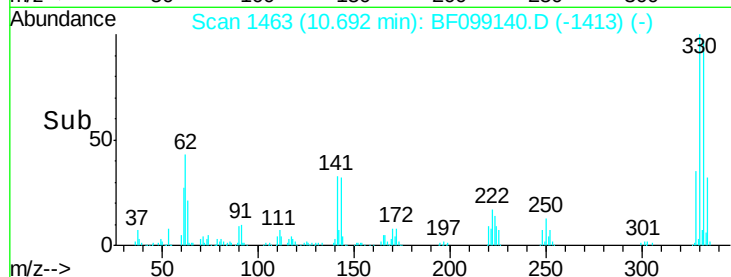
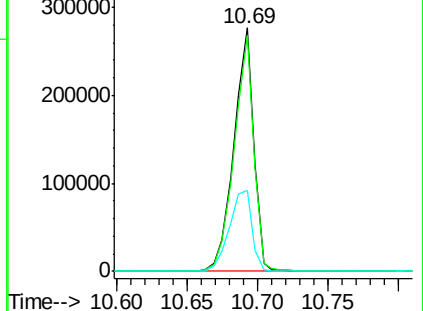
141 38.0 29.9 44.9



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: 96.92 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF099140.D

Acq: 6 Oct 2017 11:11

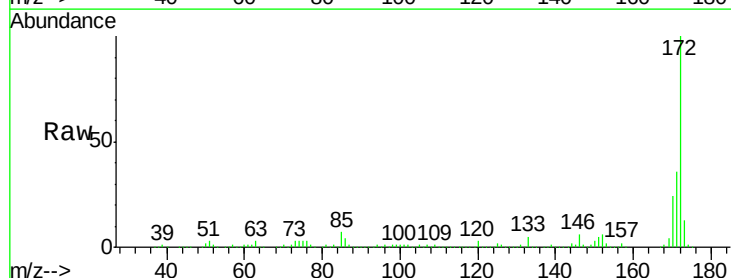
Tgt Ion:172 Resp: 1400348

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

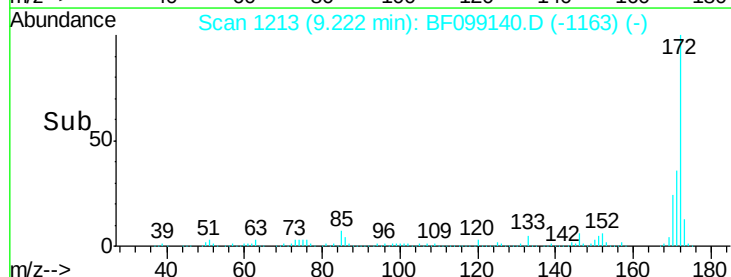
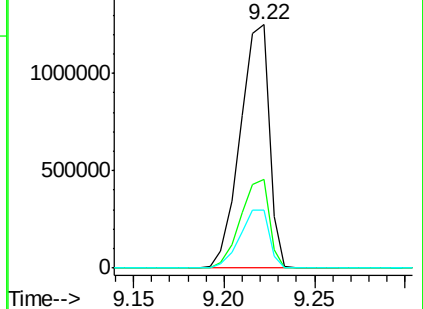
170 24.0 19.6 29.4

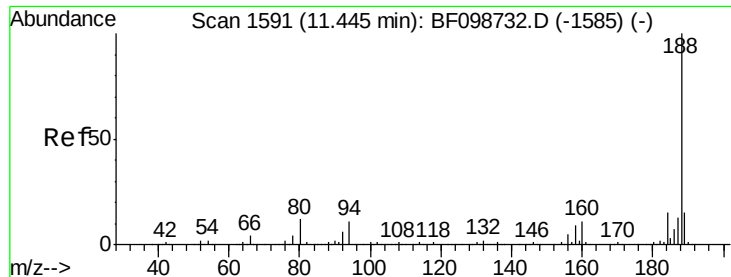


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

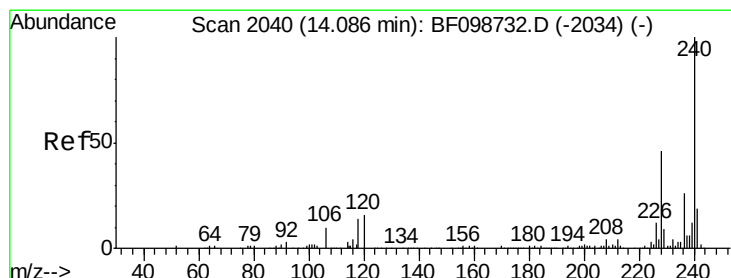
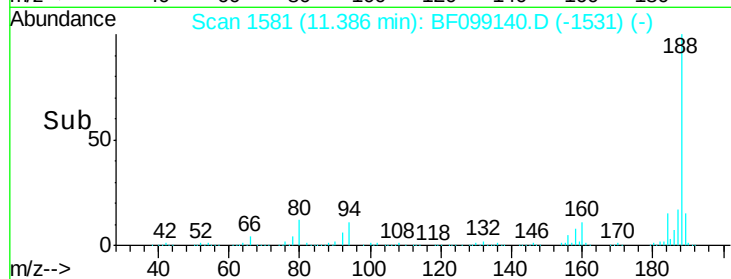
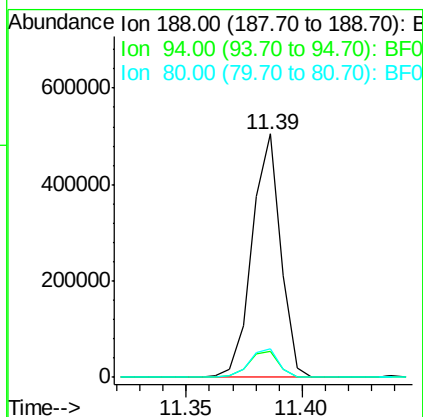
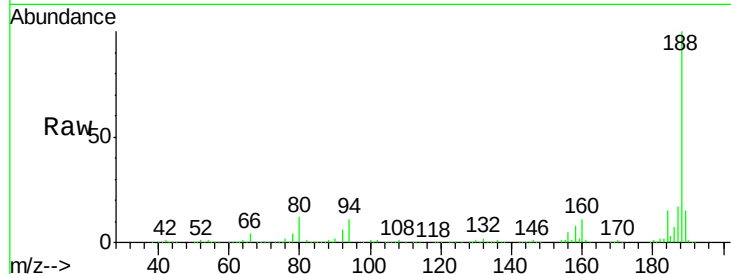




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099140.D
Acq: 6 Oct 2017 11:11

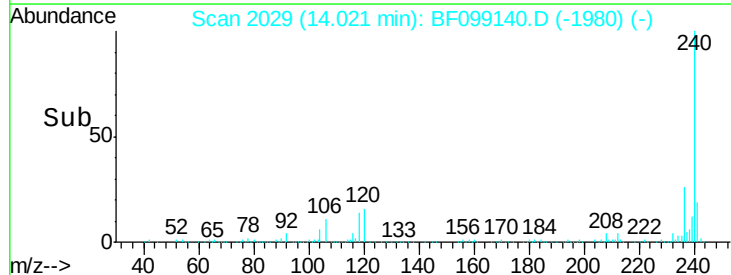
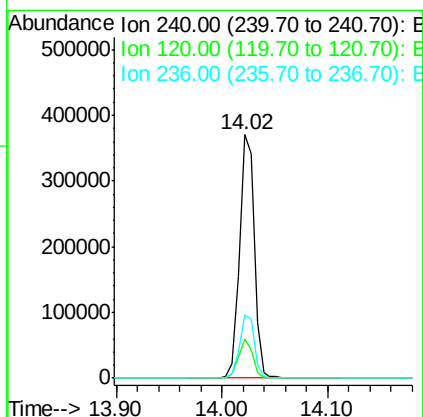
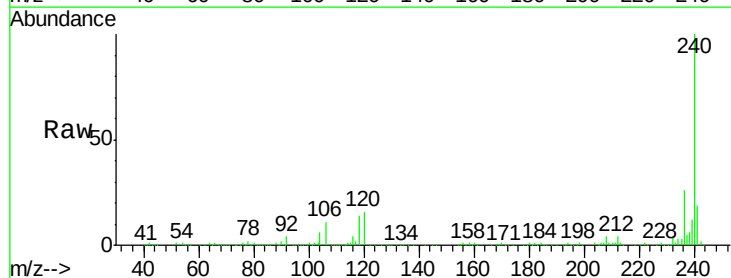
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP

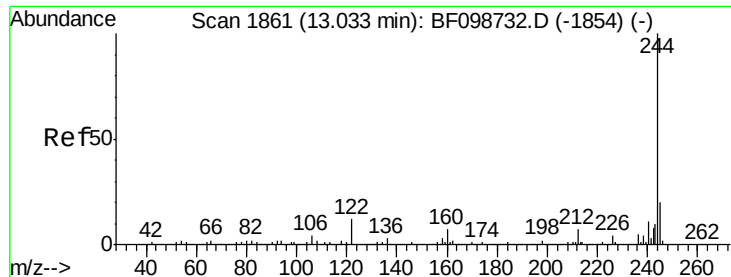
Tgt Ion:188 Resp: 437391
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099140.D
Acq: 6 Oct 2017 11:11

Tgt Ion:240 Resp: 352274
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 81.31 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099140.D

Acq: 6 Oct 2017 11:11

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP

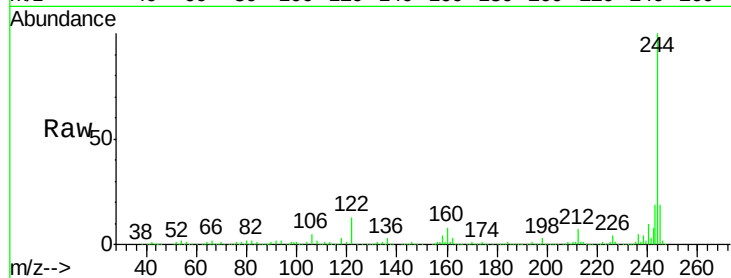
Tgt Ion:244 Resp: 1259439

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

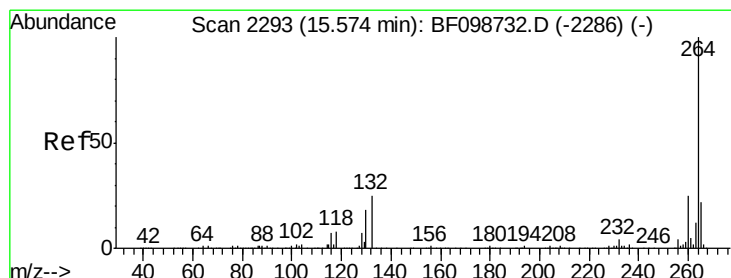
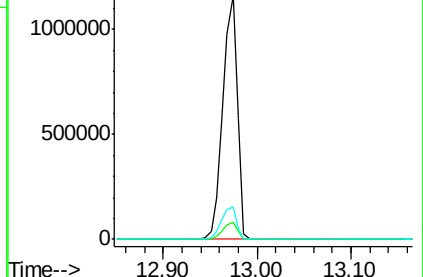
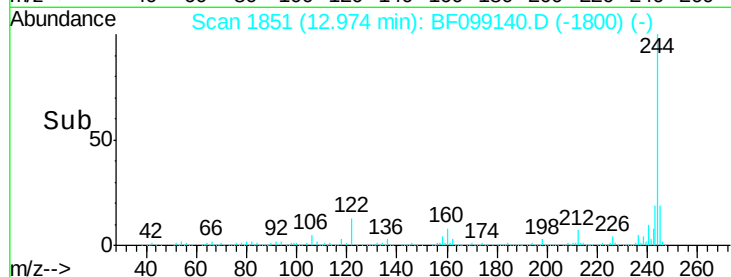
122 13.2 11.0 16.4



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: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099140.D

Acq: 6 Oct 2017 11:11

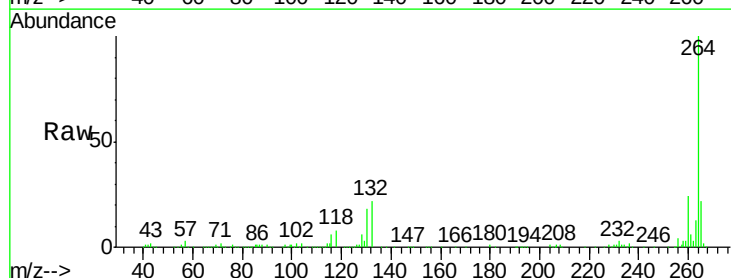
Tgt Ion:264 Resp: 252059

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 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

