

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099143.D
 Acq On : 6 Oct 2017 12:36
 Operator : SJ/JU
 Sample : I5644-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Quant Time: Oct 06 14:45:31 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	123483	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	509307	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	229705	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	413330	20.00	ng	0.00
75) Chrysene-d12	14.02	240	337671	20.00	ng	-0.01
86) Perylene-d12	15.50	264	244381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	827269	106.65	ng	0.02
7) Phenol-d6	6.50	99	858434	89.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	706228	88.93	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	254101	135.19	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1272776	92.50	ng	0.00
78) Terphenyl-d14	12.97	244	1180300	79.49	ng	0.00

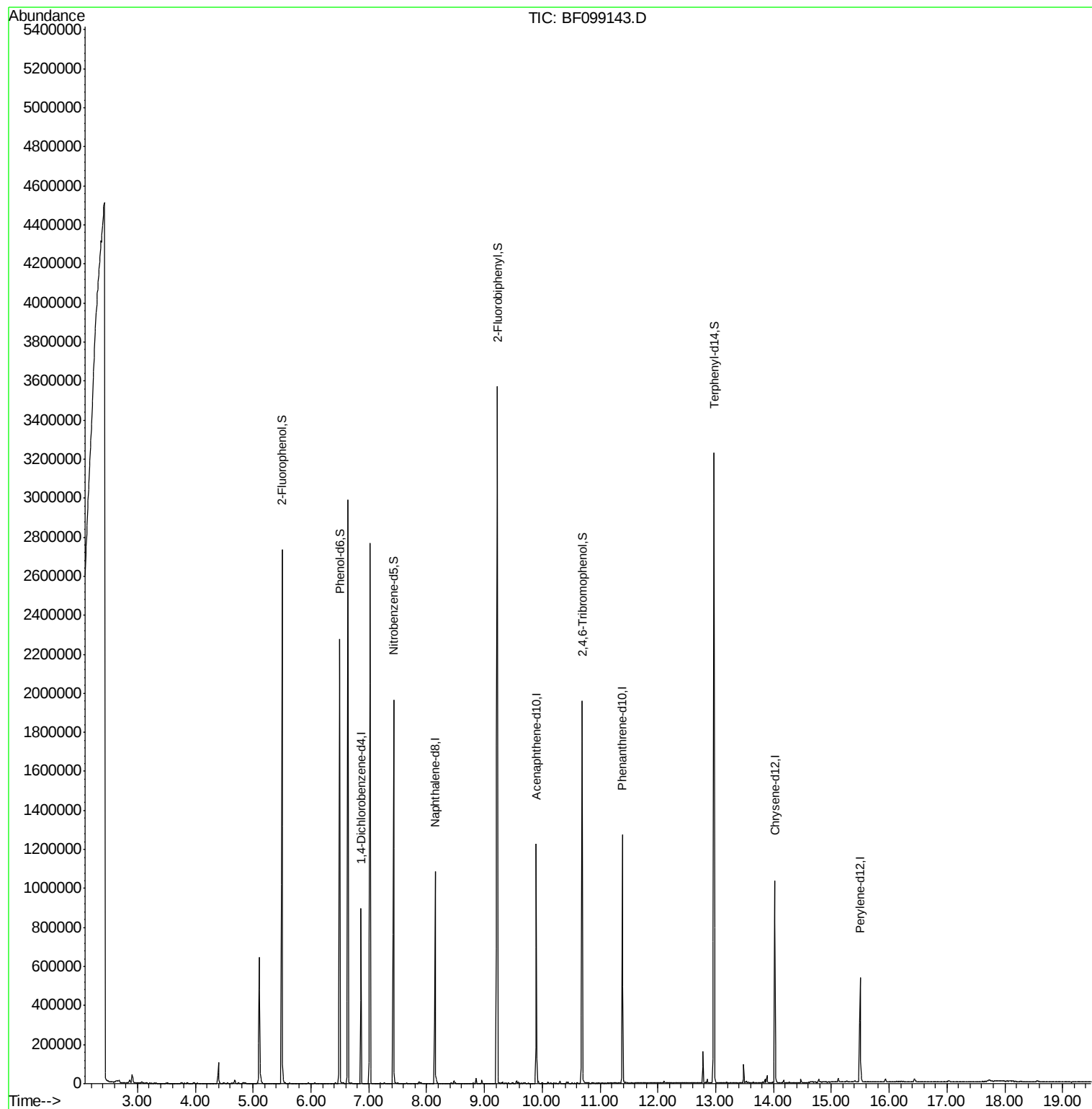
Target Compounds	Qvalue
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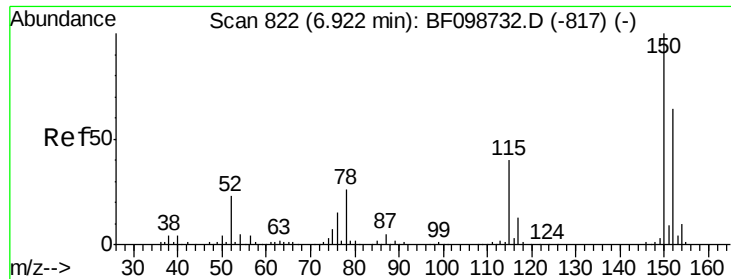
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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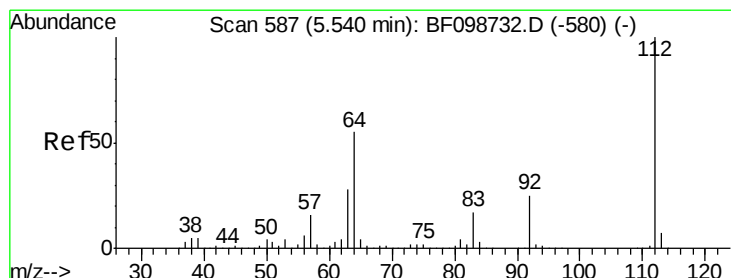
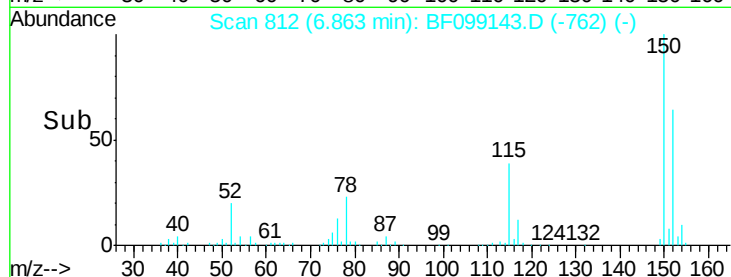
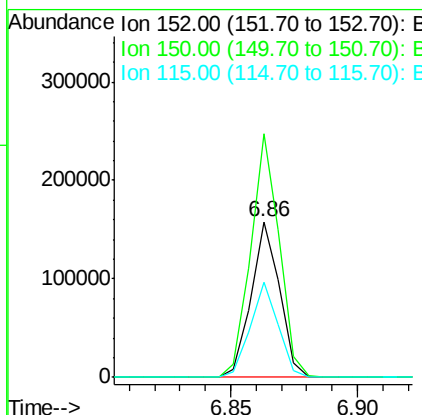
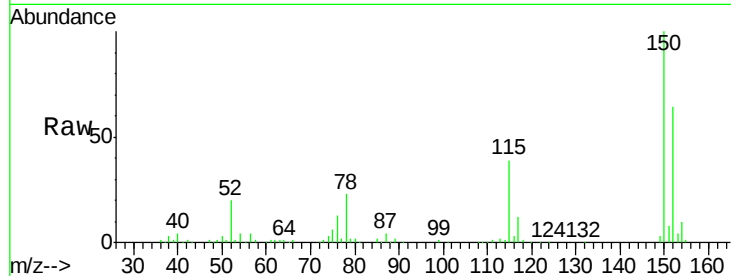




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

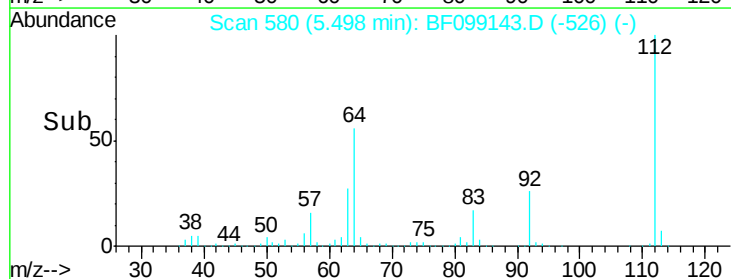
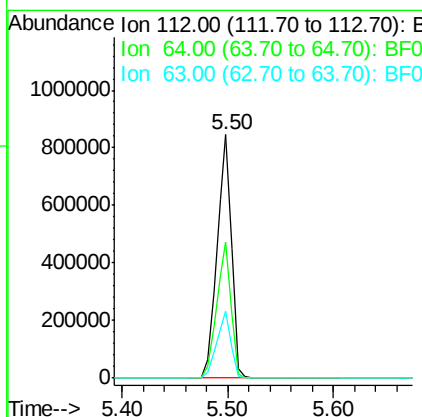
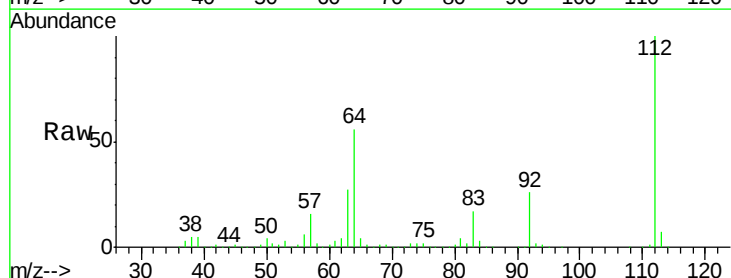
Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

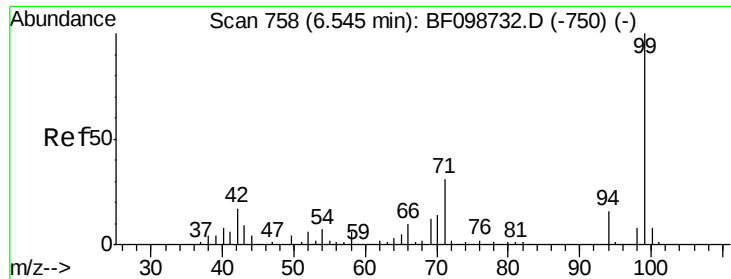
Tgt Ion:152 Resp: 123483
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 60.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 106.65 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

Tgt Ion:112 Resp: 827269
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 27.3 23.7 35.5





#7

Phenol-d6

Concen: 89.71 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099143.D

Acq: 6 Oct 2017 12:36

Instrument :

BNA_F

ClientSampleId :

TP-14-COMP

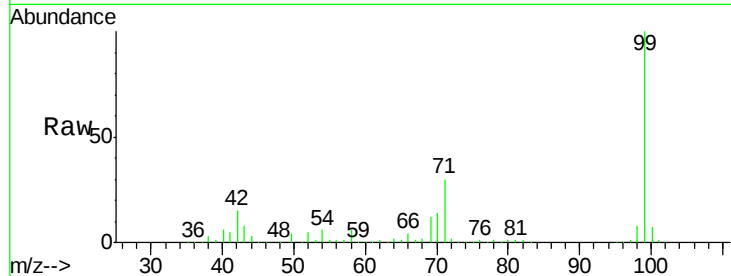
Tgt Ion: 99 Resp: 858434

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

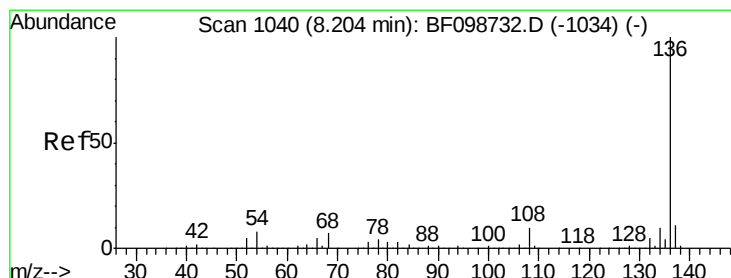
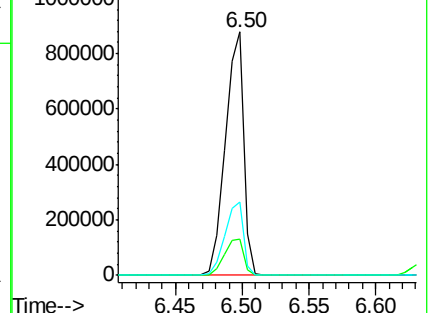
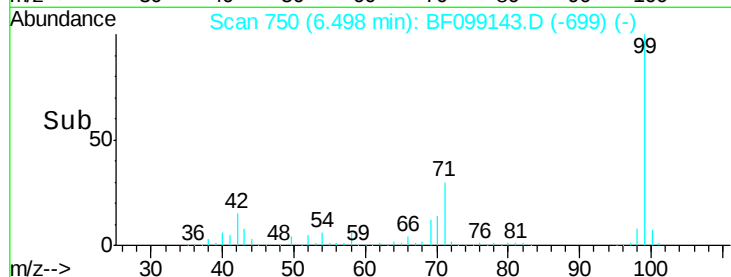
71 30.3 25.4 38.0



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: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099143.D

Acq: 6 Oct 2017 12:36

Tgt Ion: 136 Resp: 509307

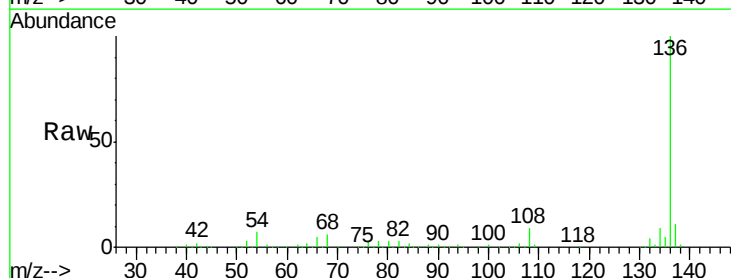
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

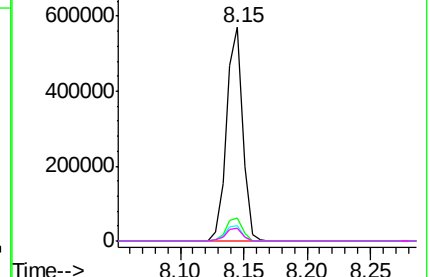
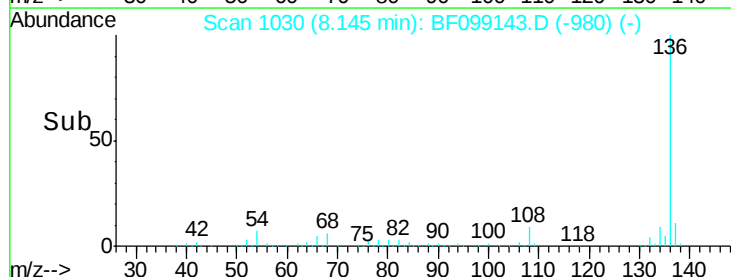


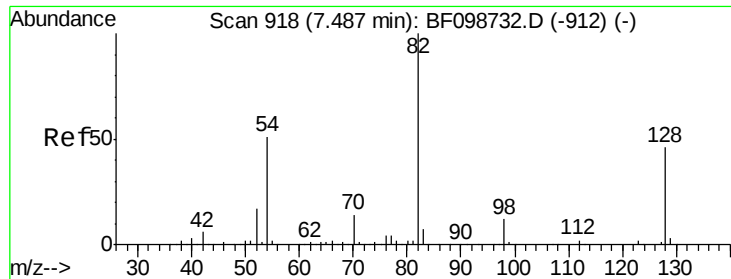
Abundance Ion 136.00 (135.70 to 136.70): E

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

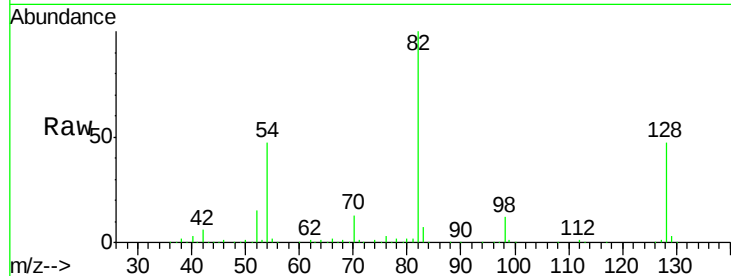




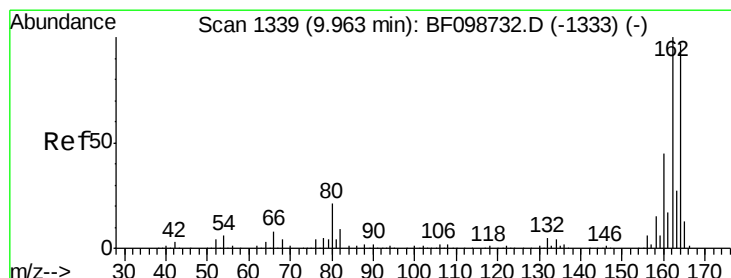
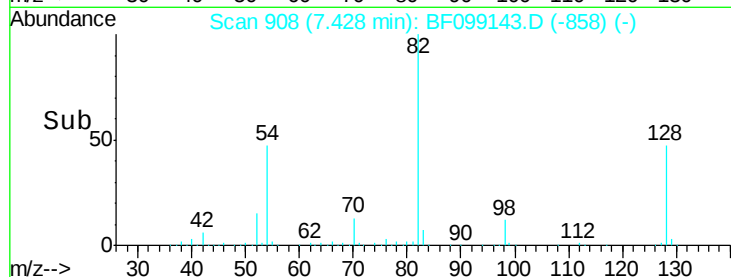
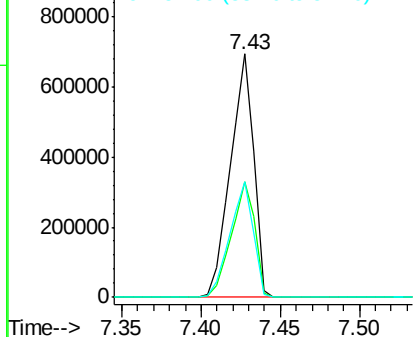
#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Tgt Ion: 82 Resp: 706228
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 47.3 41.4 62.2

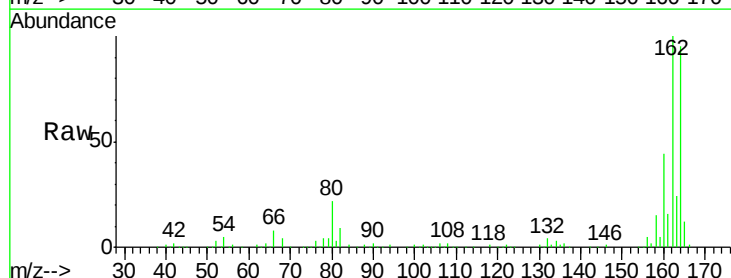


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

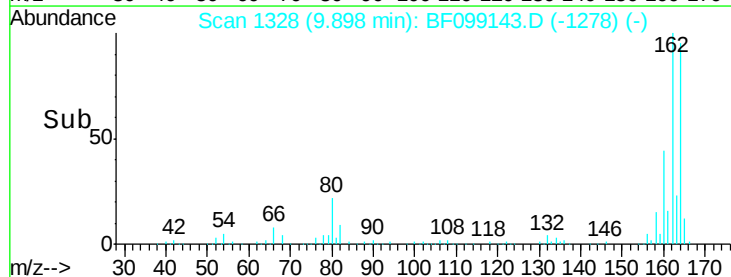
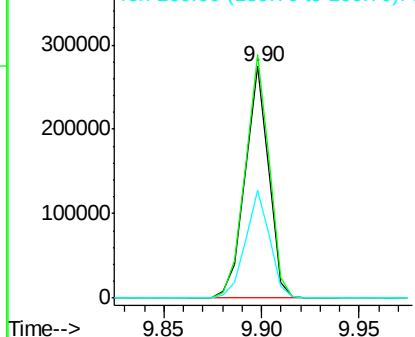


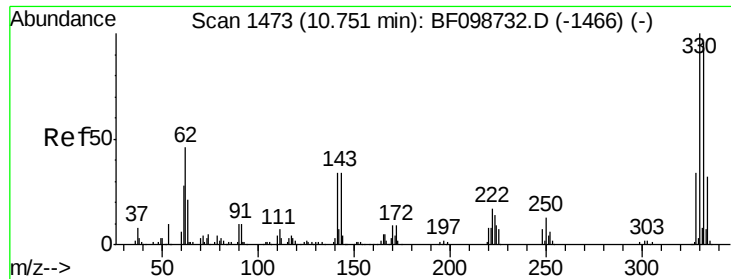
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

Tgt Ion: 164 Resp: 229705
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 46.4 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

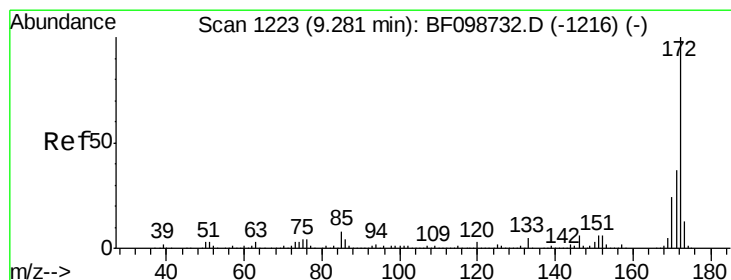
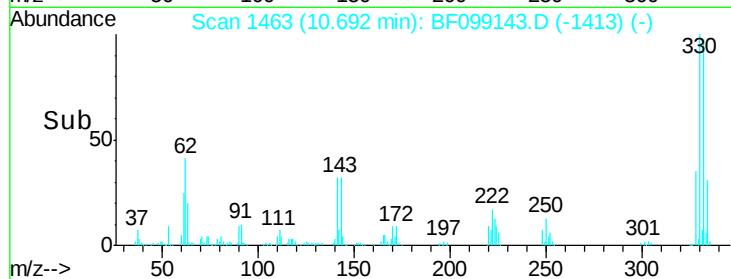
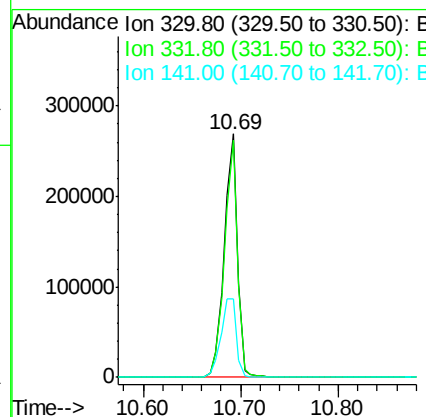
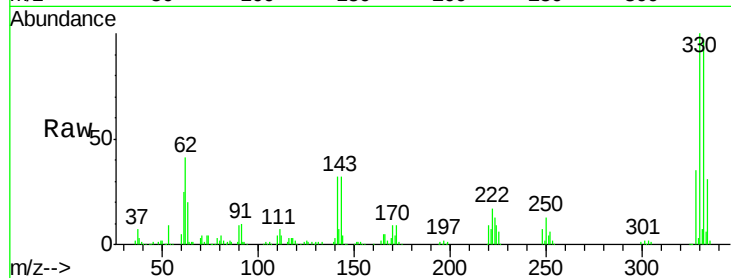




#41
 2,4,6-Tribromophenol
 Concen: 135.19 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

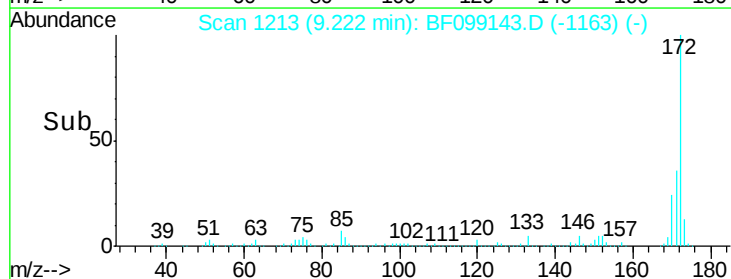
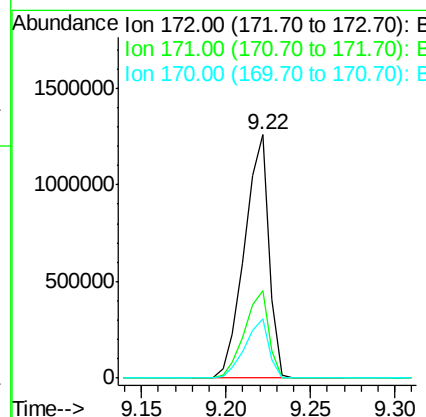
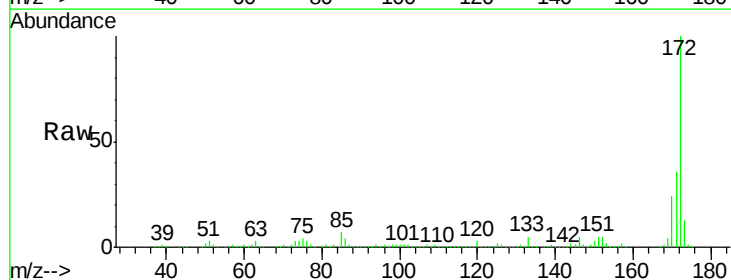
Instrument :
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 ClientSampleId :
 TP-14-COMP

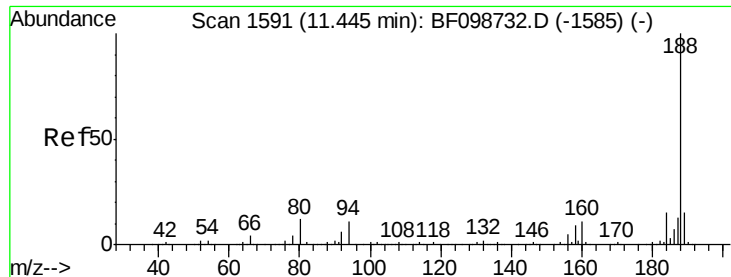
Tgt Ion:330 Resp: 254101
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 92.50 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

Tgt Ion:172 Resp: 1272776
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 19.6 29.4

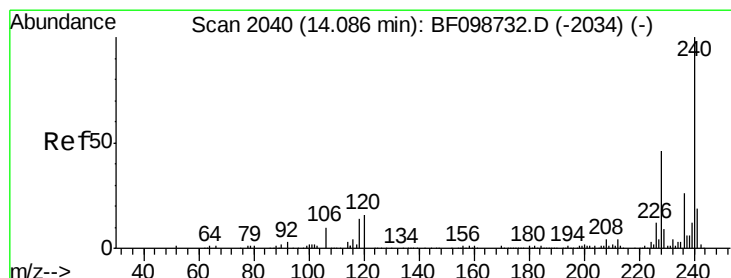
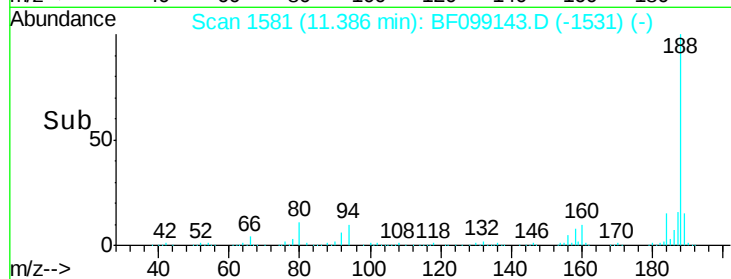
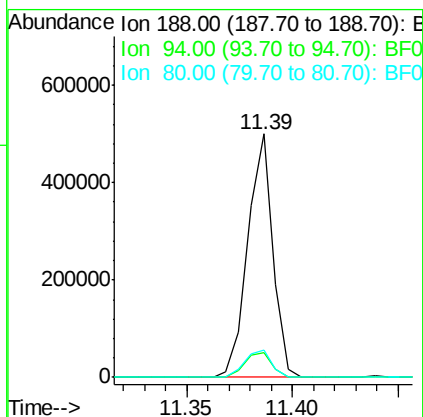
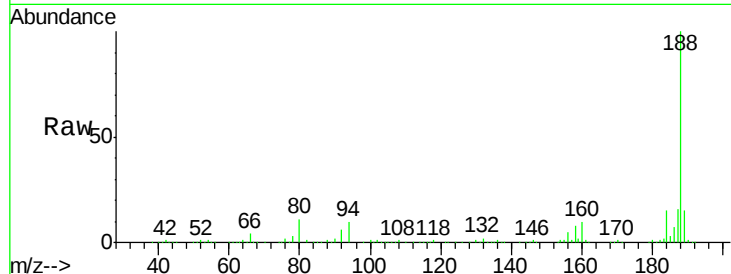




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099143.D
Acq: 6 Oct 2017 12:36

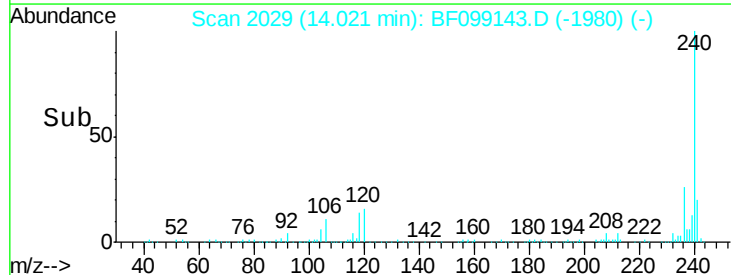
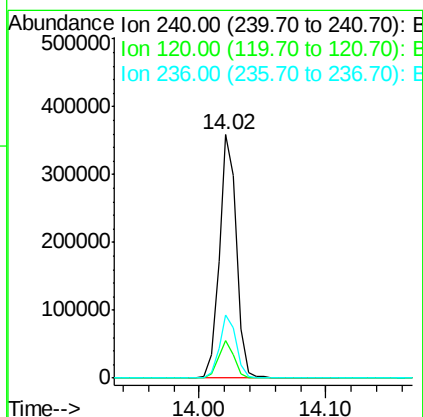
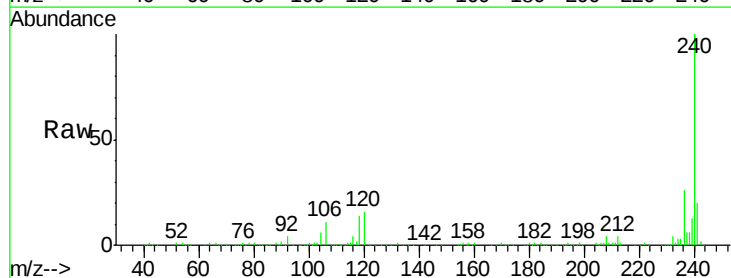
Instrument :
BNA_F
ClientSampleId :
TP-14-COMP

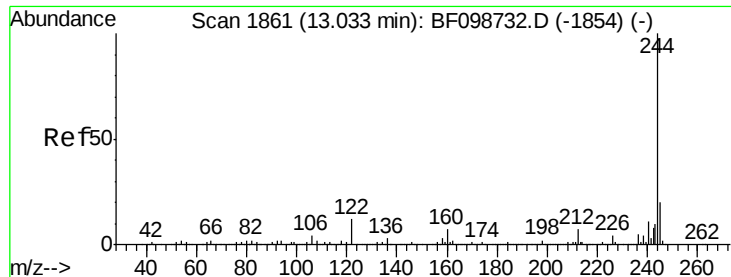
Tgt Ion:188 Resp: 413330
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099143.D
Acq: 6 Oct 2017 12:36

Tgt Ion:240 Resp: 337671
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 25.8 20.7 31.1

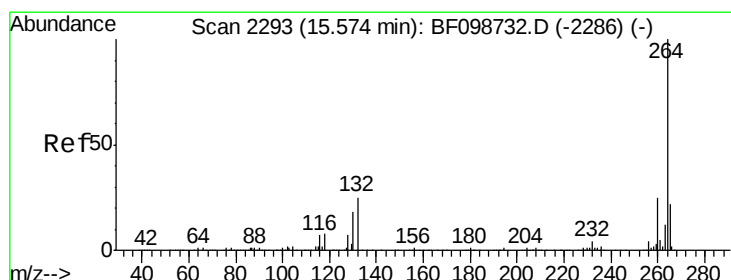
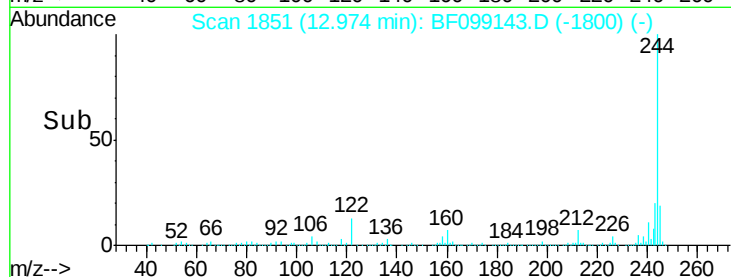
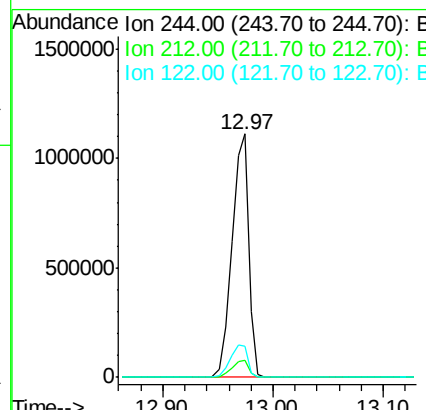
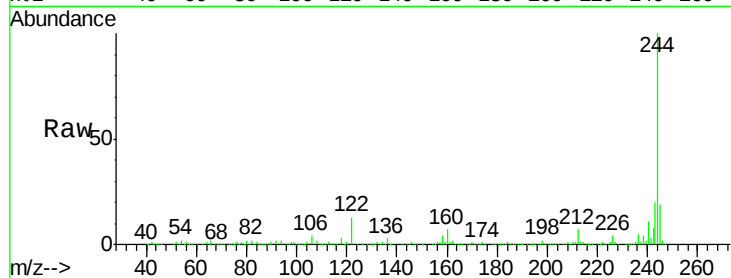




#78
 Terphenyl-d14
 Concen: 79.49 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-COMP

Tgt Ion:244 Resp: 1180300
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099143.D
 Acq: 6 Oct 2017 12:36

Tgt Ion:264 Resp: 244381
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.9 17.5 26.3

