

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100246.D
 Acq On : 6 Nov 2017 12:39
 Operator : SJ/JU
 Sample : I6225-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S1

Quant Time: Nov 06 13:35:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	97056	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	401544	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	189115	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354510	20.00	ng	0.00
75) Chrysene-d12	13.94	240	288841	20.00	ng	0.00
86) Perylene-d12	15.40	264	204149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	856899	138.61	ng	0.02
7) Phenol-d6	6.42	99	928061	126.61	ng	0.00
23) Nitrobenzene-d5	7.33	82	619900	99.39	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	263865	153.10	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1238054	101.00	ng	0.00
78) Terphenyl-d14	12.87	244	1167931	88.37	ng	0.00

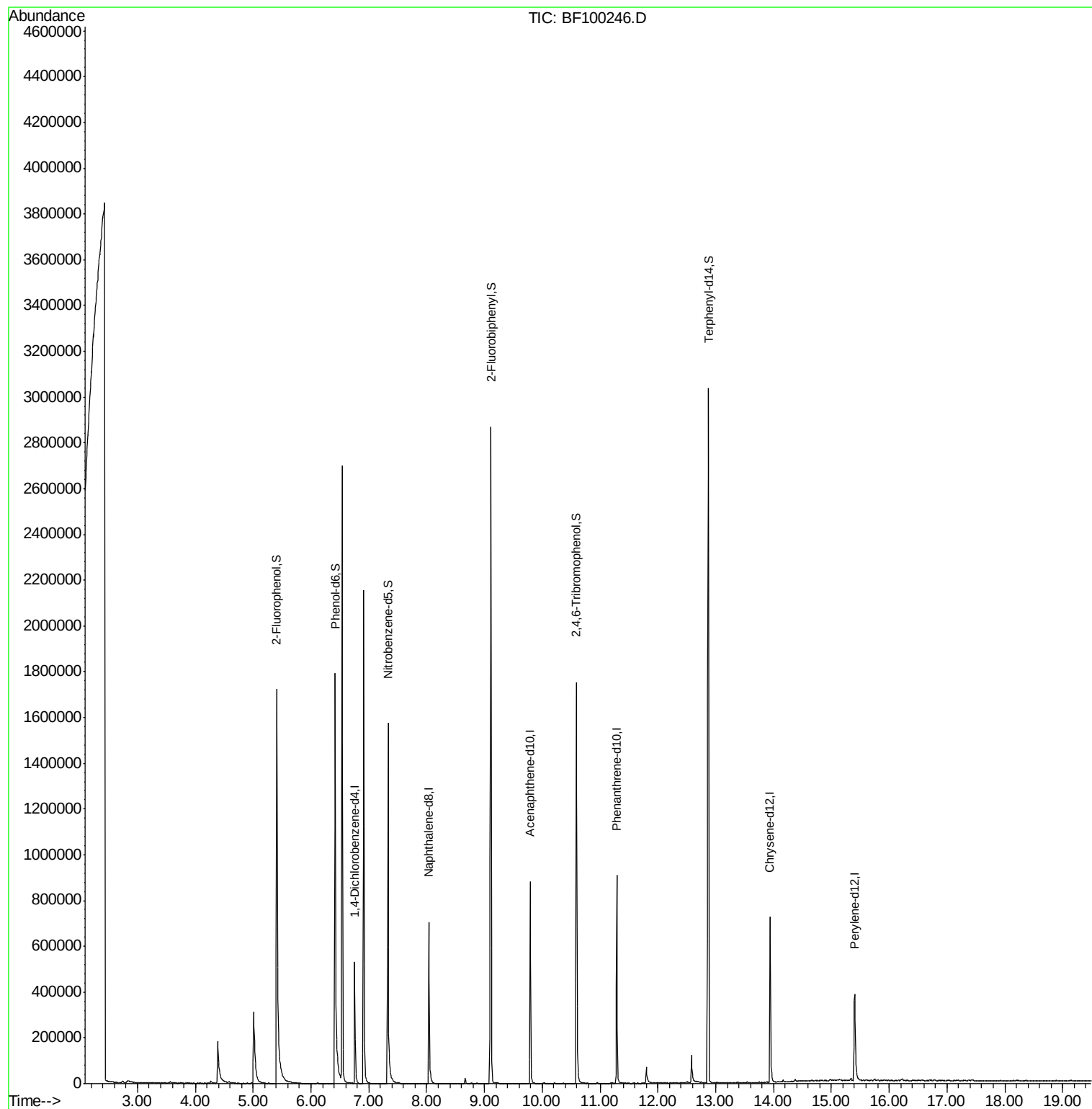
Target Compounds	Qvalue
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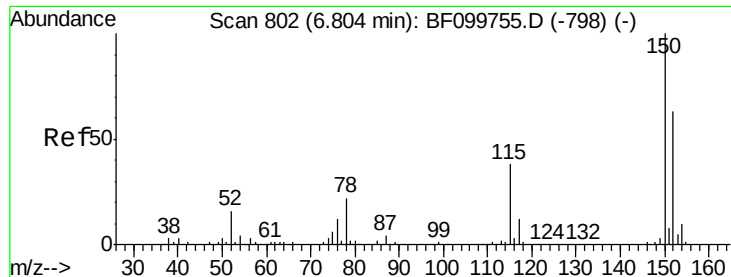
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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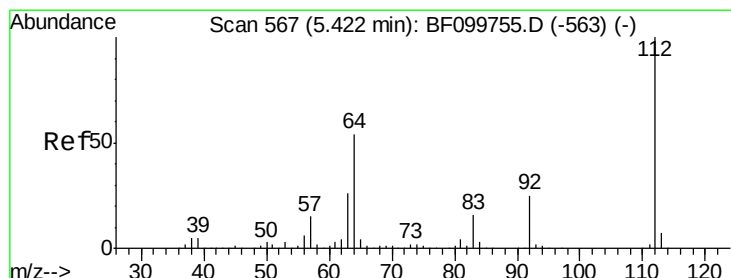
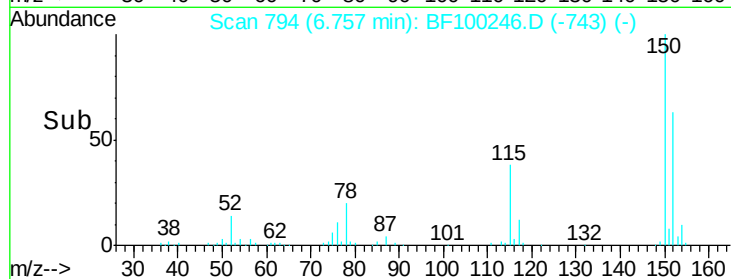
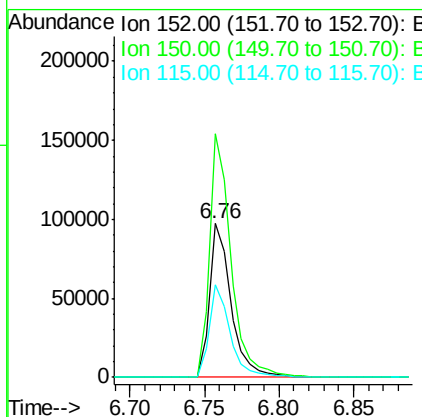
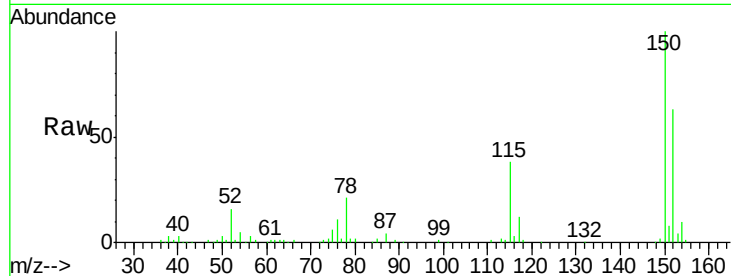




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

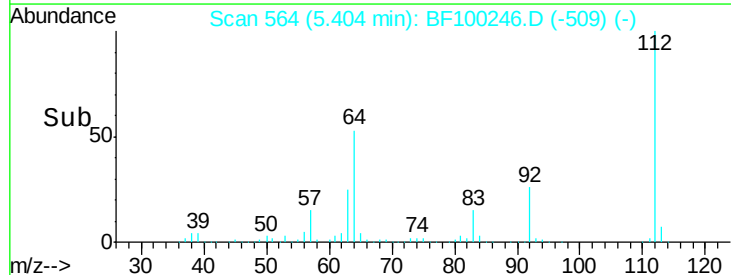
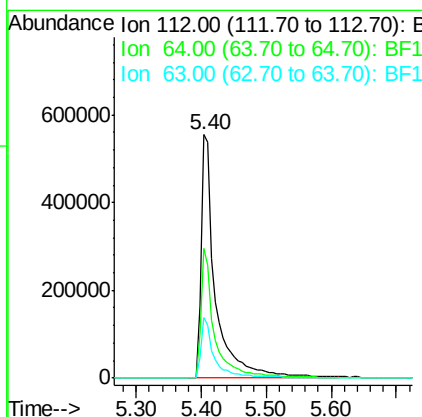
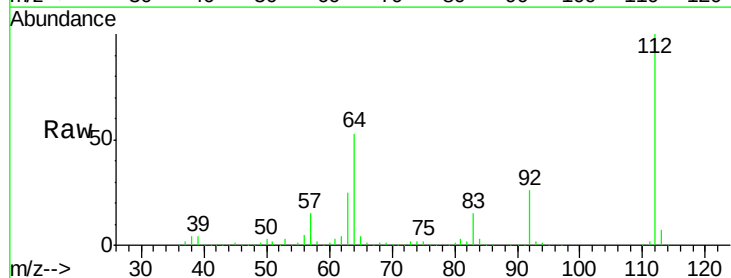
Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S1

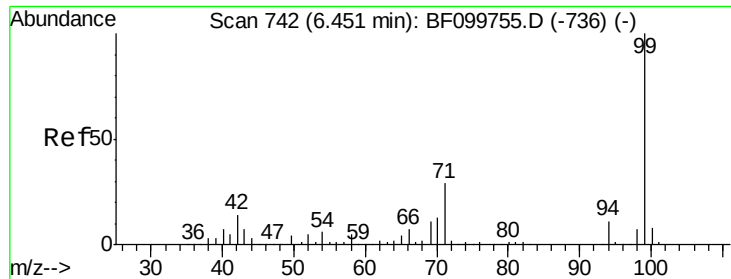
Tgt Ion:152 Resp: 97056
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 60.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 138.611 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.02 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Tgt Ion:112 Resp: 856899
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 24.9 23.7 35.5





#7

Phenol-d6

Concen: 126.608 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100246.D

Acq: 6 Nov 2017 12:39

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-47S1

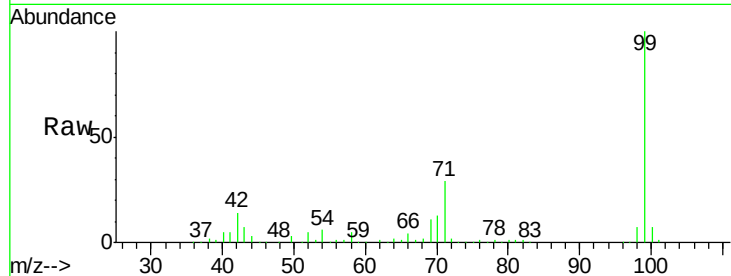
Tgt Ion: 99 Resp: 928061

Ion Ratio Lower Upper

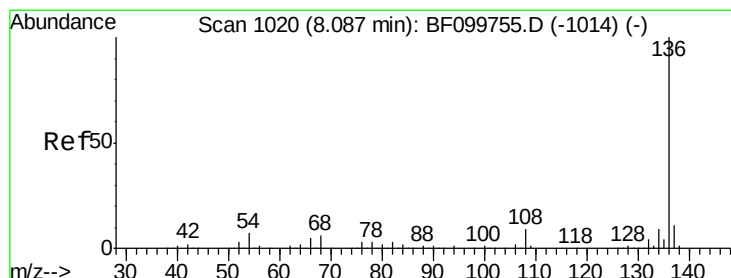
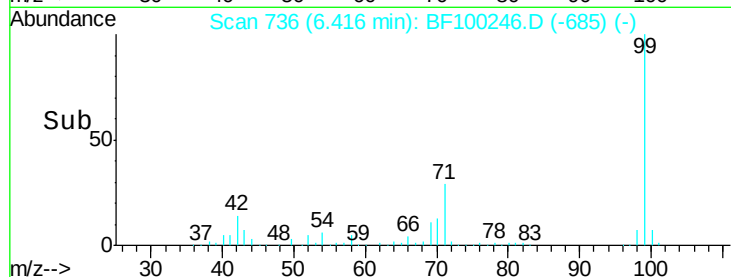
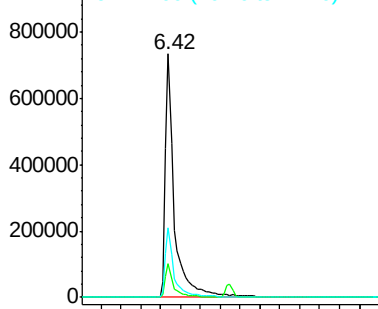
99 100

42 13.7 14.5 21.7#

71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100246.D

Acq: 6 Nov 2017 12:39

Tgt Ion: 136 Resp: 401544

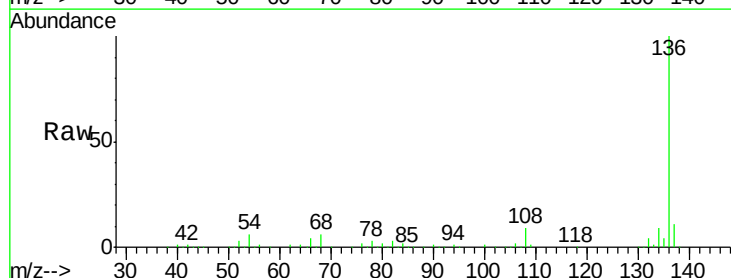
Ion Ratio Lower Upper

136 100

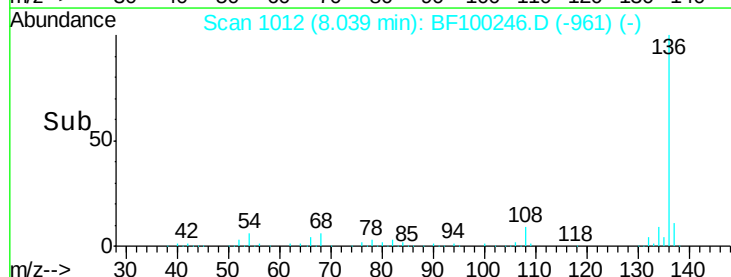
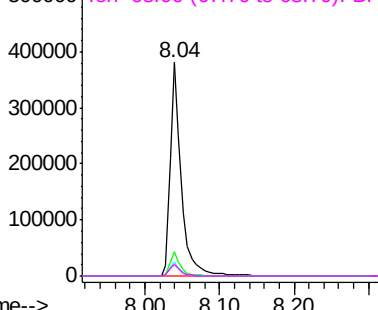
137 11.1 8.9 13.3

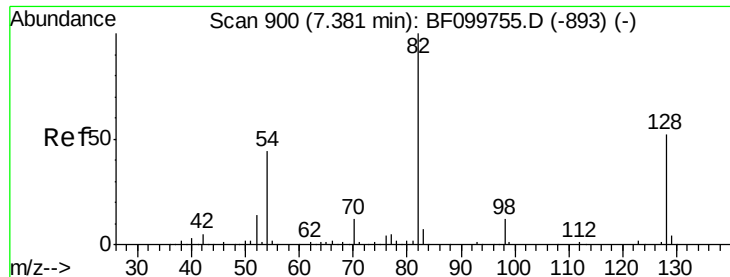
54 6.5 6.6 9.8#

68 5.5 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

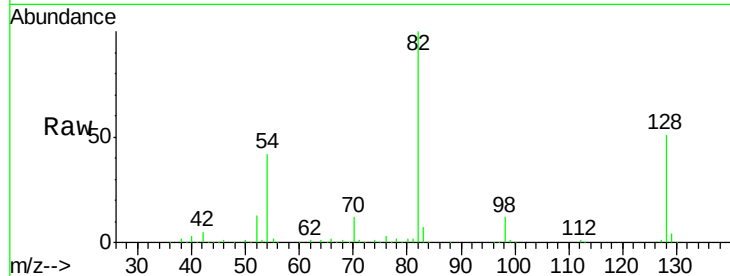




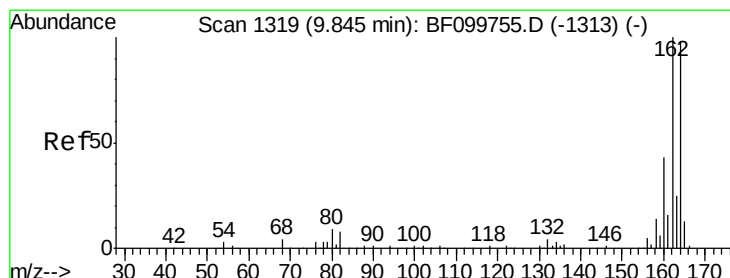
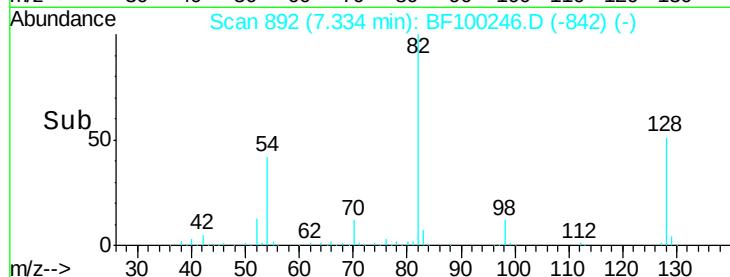
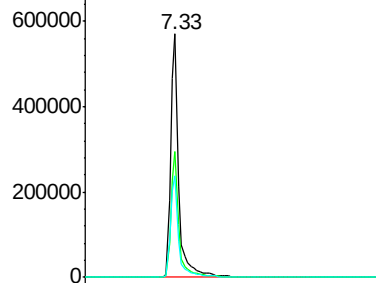
#23
 Nitrobenzene-d5
 Concen: 99.390 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S1

Tgt Ion: 82 Resp: 619900
 Ion Ratio Lower Upper
 82 100
 128 51.5 36.1 54.1
 54 41.7 41.4 62.2

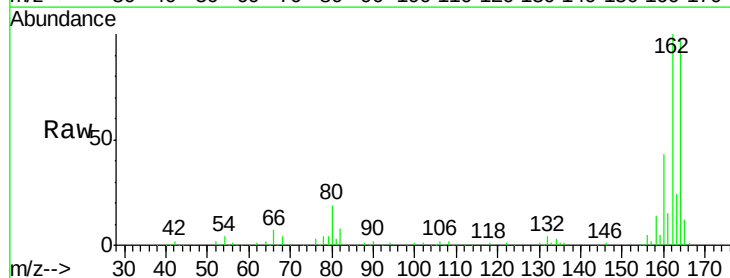


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

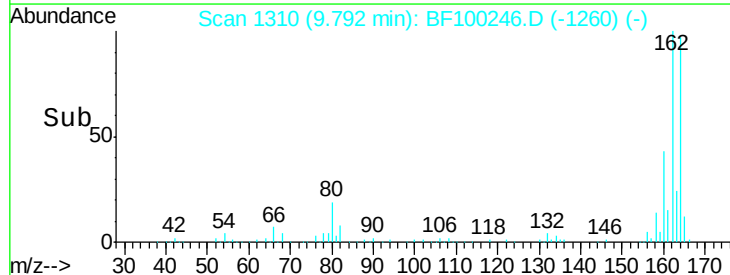
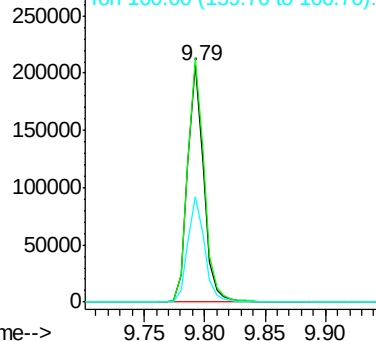


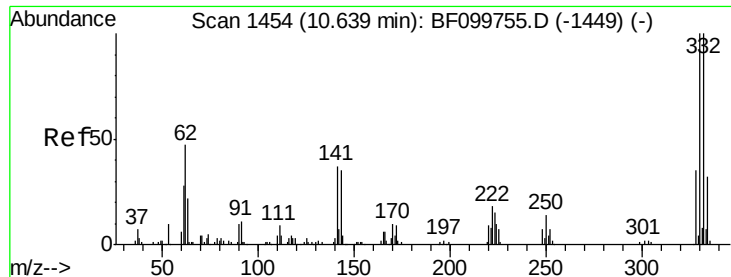
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Tgt Ion: 164 Resp: 189115
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

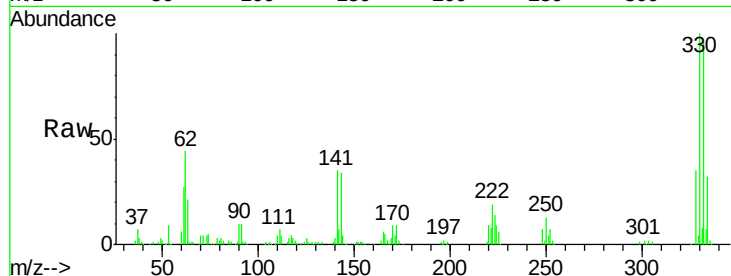




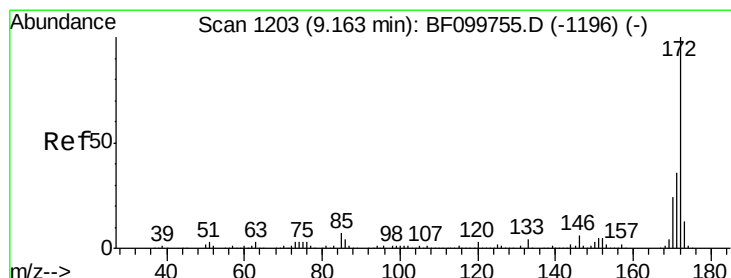
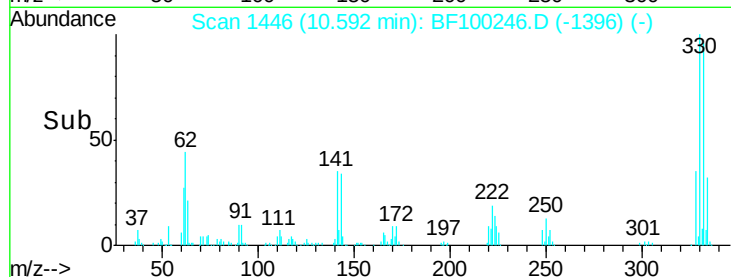
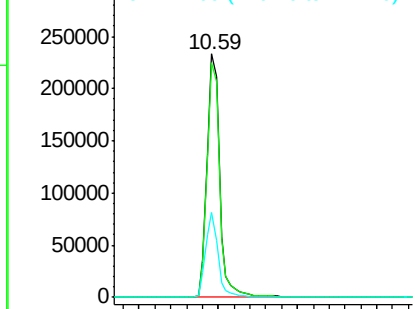
#41
 2,4,6-Tribromophenol
 Concen: 153.104 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S1

Tgt Ion:330 Resp: 263865
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 34.2 29.9 44.9

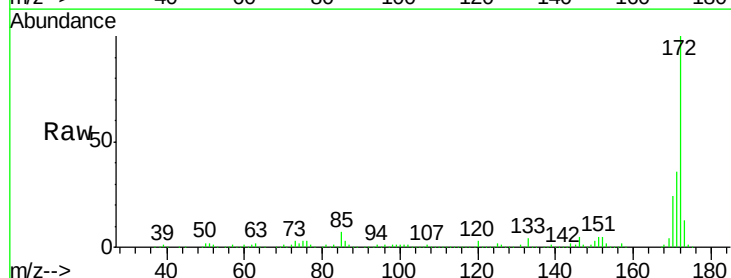


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

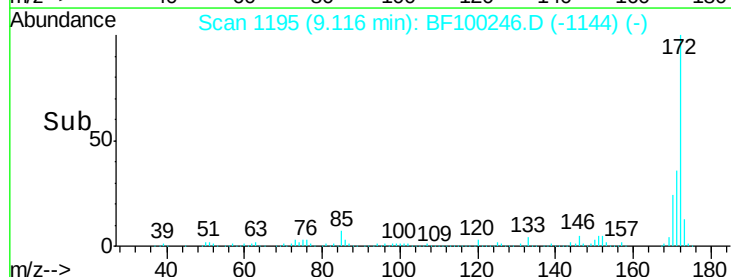
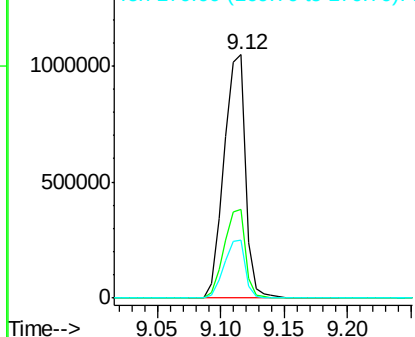


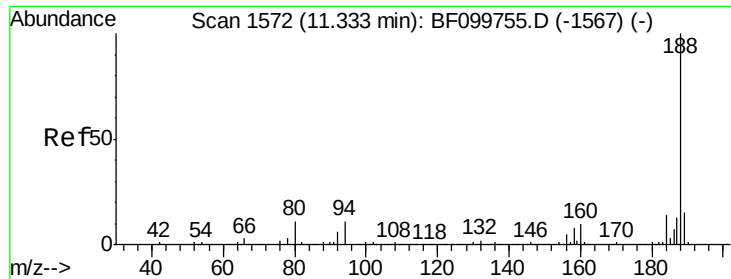
#44
 2-Fluorobiphenyl
 Concen: 101.003 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100246.D
 Acq: 6 Nov 2017 12:39

Tgt Ion:172 Resp: 1238054
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

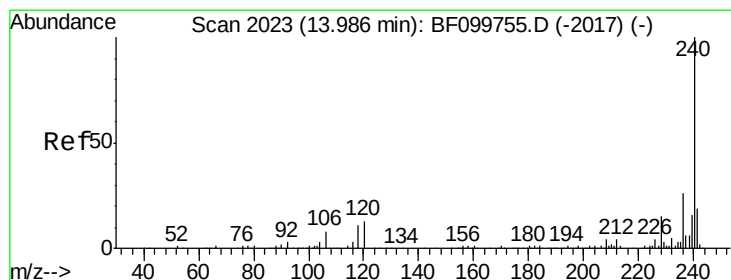
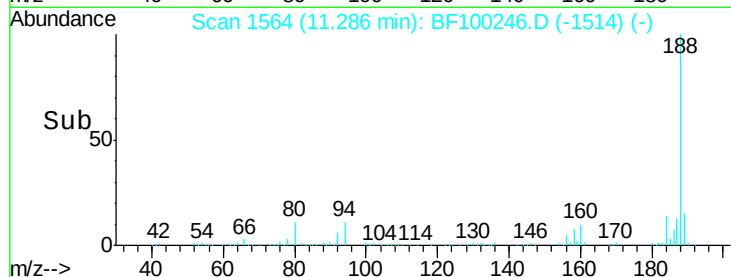
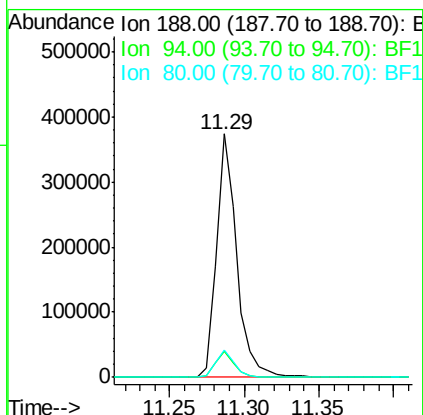
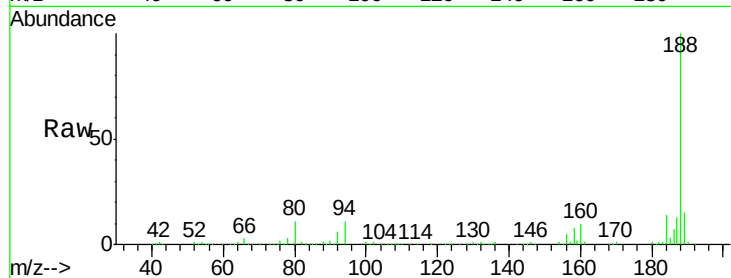




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

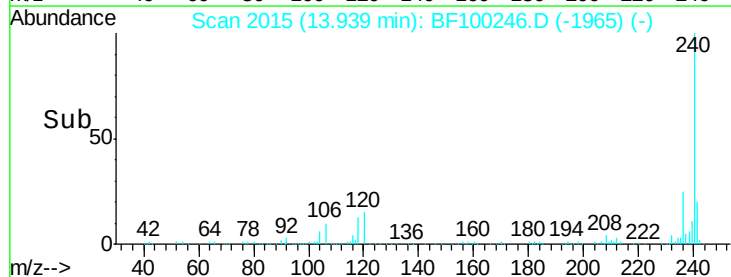
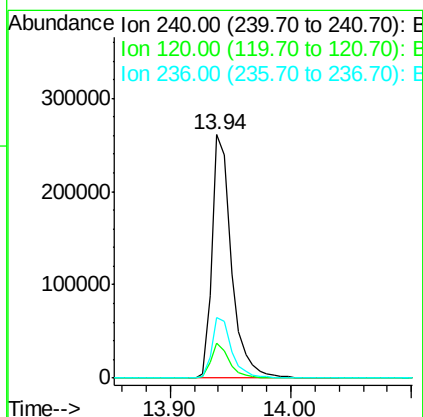
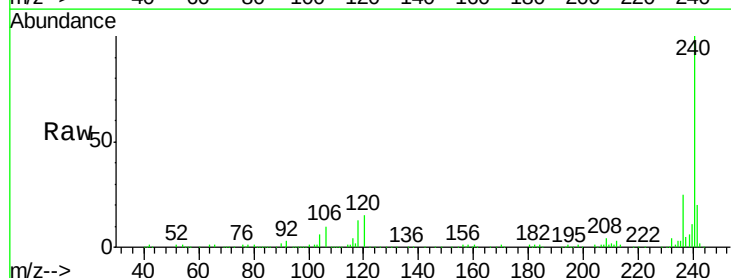
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BNA_F
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CB-1017-S-TCLP-47S1

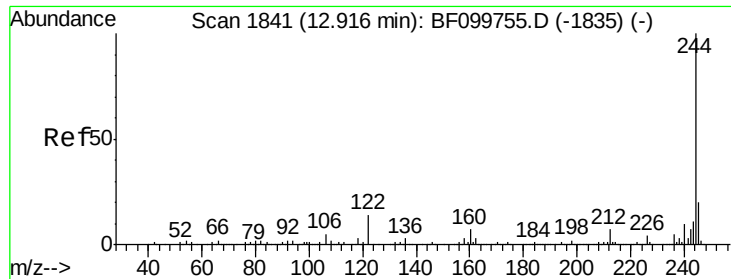
Tgt Ion:188 Resp: 354510
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100246.D
Acq: 6 Nov 2017 12:39

Tgt Ion:240 Resp: 288841
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 88.366 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF100246.D

Acq: 6 Nov 2017 12:39

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-47S1

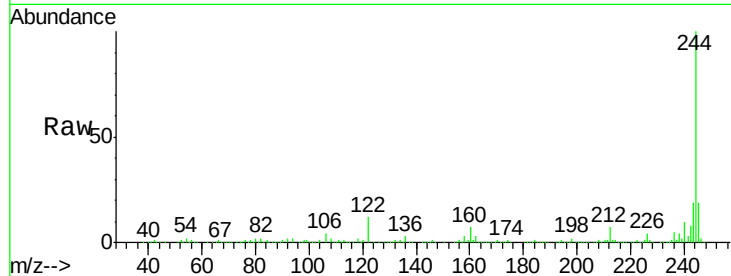
Tgt Ion:244 Resp: 1167931

Ion Ratio Lower Upper

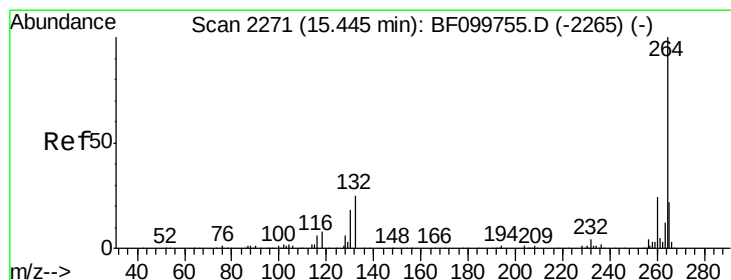
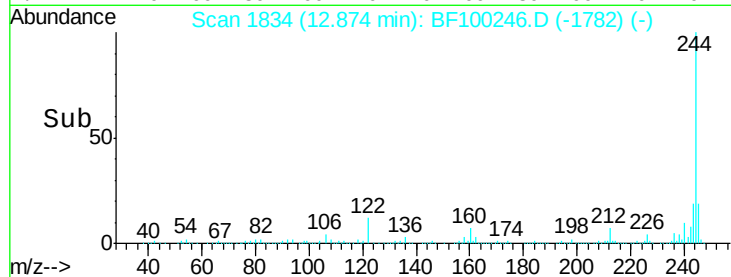
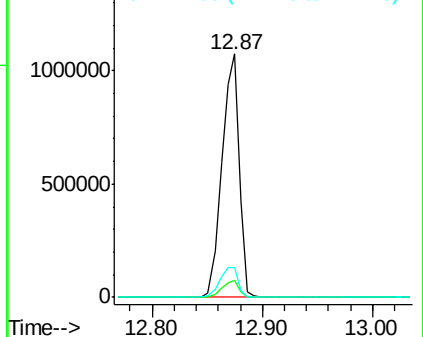
244 100

212 6.9 5.4 8.0

122 12.3 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: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100246.D

Acq: 6 Nov 2017 12:39

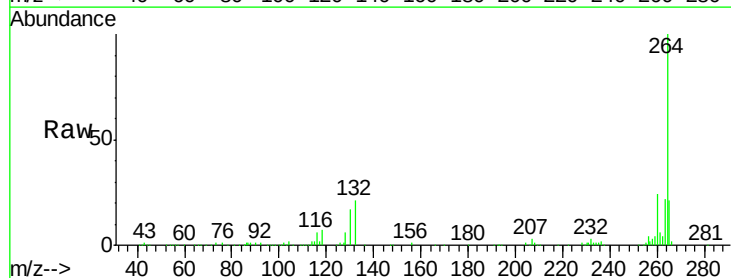
Tgt Ion:264 Resp: 204149

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 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

