

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099616.D
 Acq On : 18 Oct 2017 14:38
 Operator : SJ/JU
 Sample : I5810-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

Quant Time: Oct 18 15:47:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	109187	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	436988	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	185817	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	295511	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197707	20.00	ng	0.00
86) Perylene-d12	15.45	264	219093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	789299	115.08	ng	0.02
7) Phenol-d6	6.47	99	886209	104.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	600108	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	196401	129.17	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1102430	99.04	ng	0.00
78) Terphenyl-d14	12.93	244	735854	84.64	ng	0.00

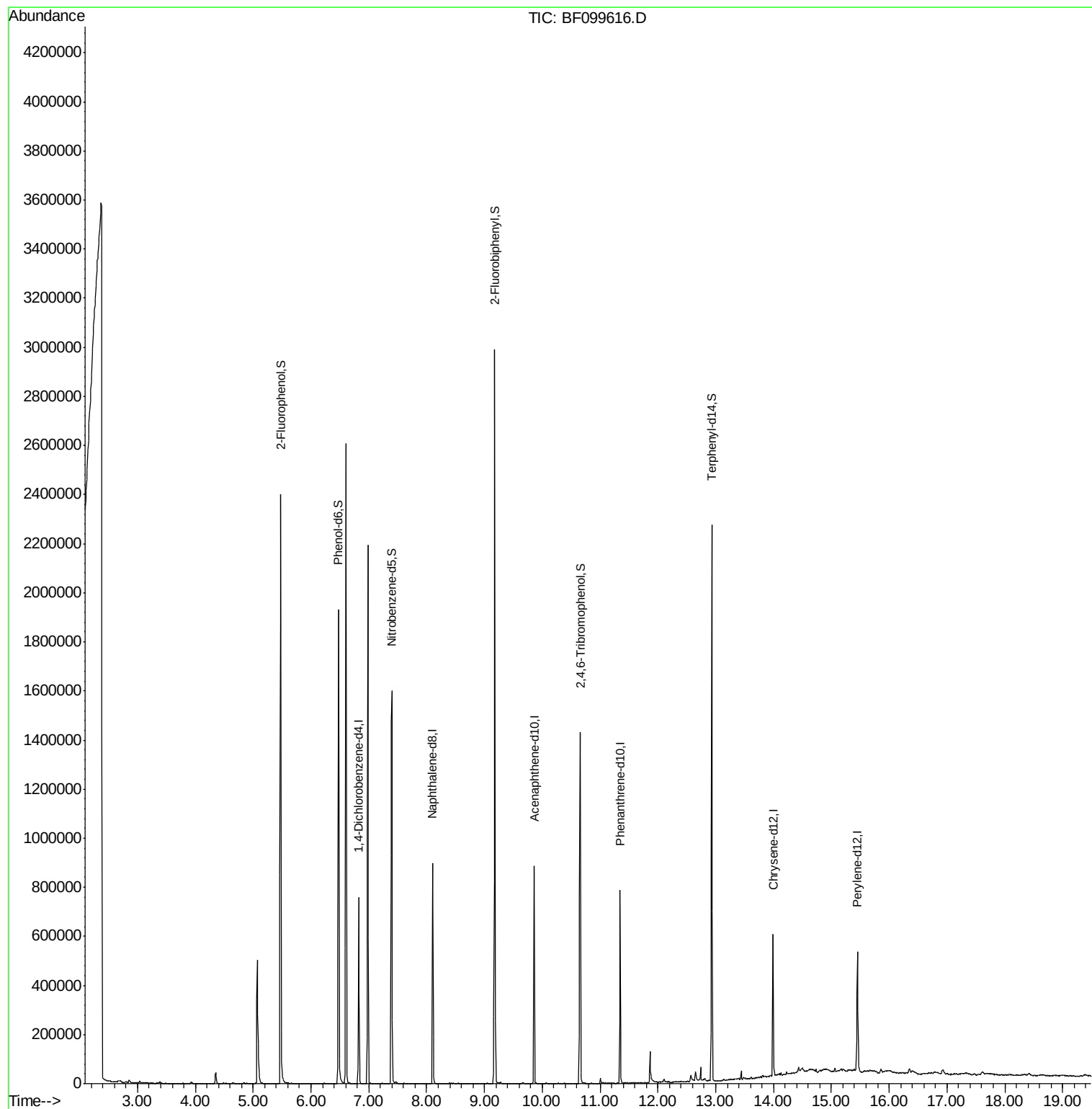
Target Compounds Qvalue

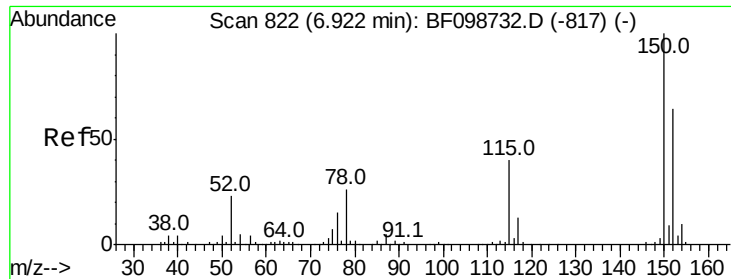
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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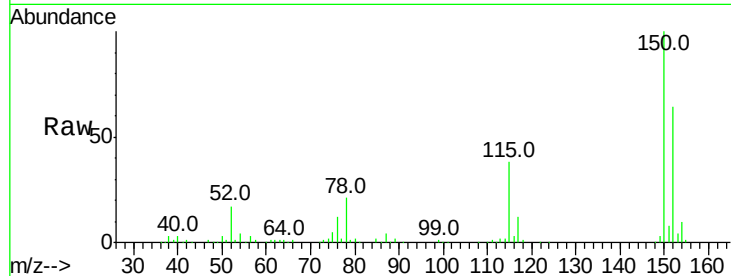


#1

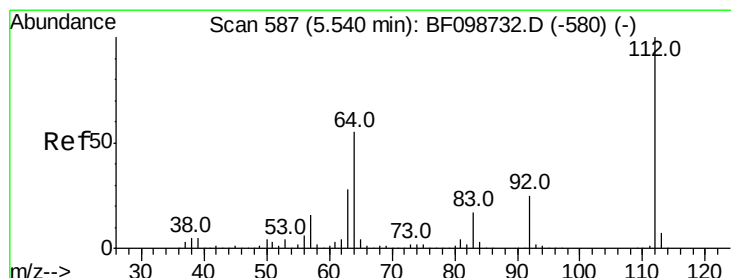
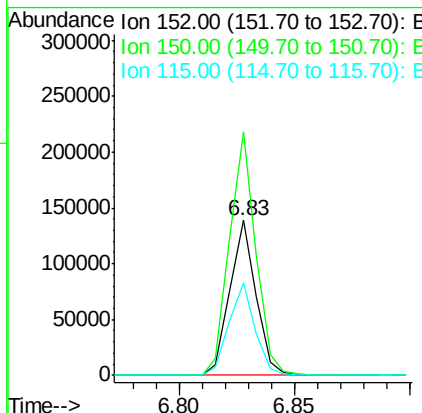
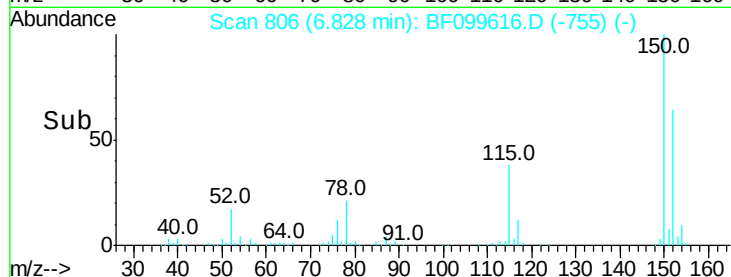
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099616.D
Acq: 18 Oct 2017 14:38

Instrument :
BNA_F
ClientSampleId :
CB-1017-S-TCLP-43S

Tot Ion:152 Resp: 109187
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 59.5 50.1 75.1



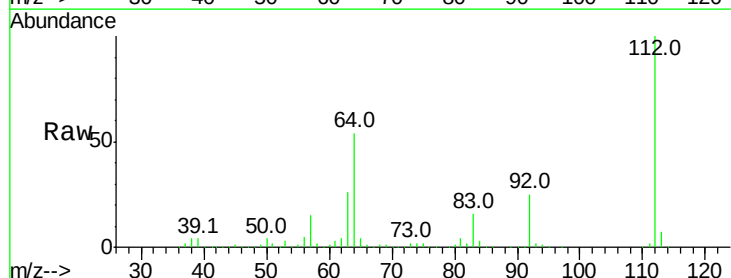
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



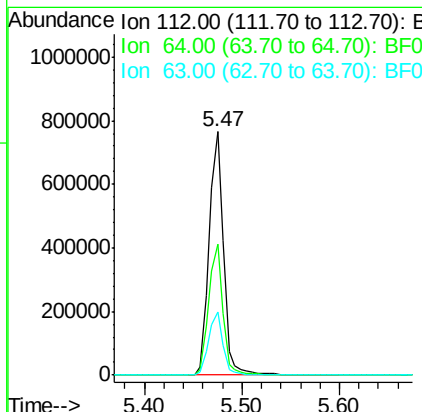
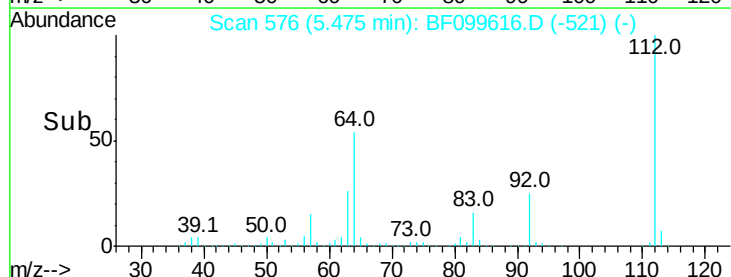
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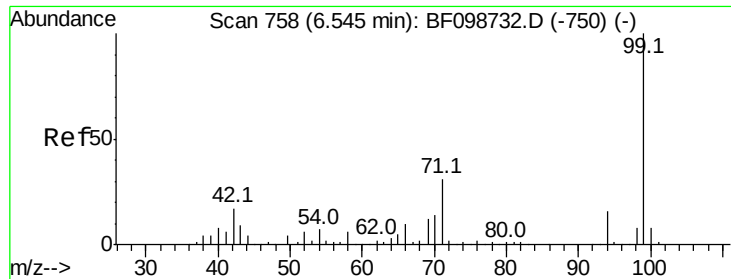
2-Fluorophenol
Concen: 115.076 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF099616.D
Acq: 18 Oct 2017 14:38

Tgt Ion:112 Resp: 789299
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 25.9 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: 104.738 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-43S

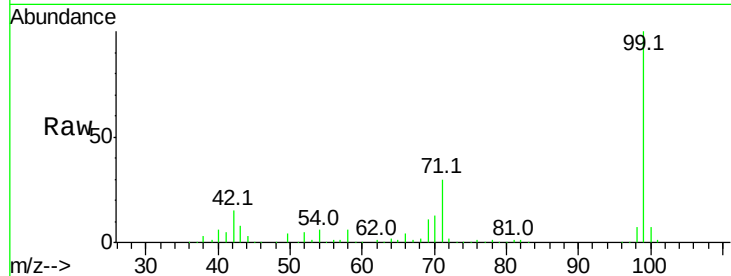
Tot Ion: 99 Resp: 886209

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

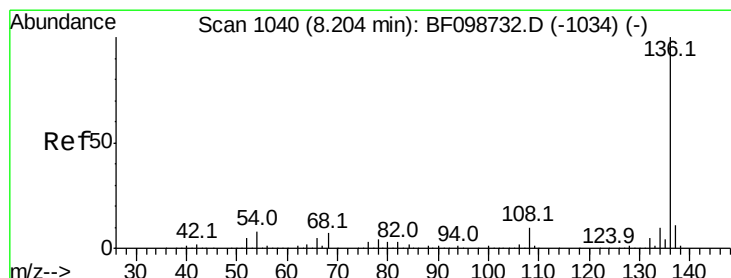
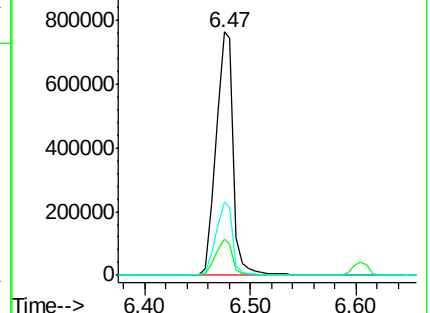
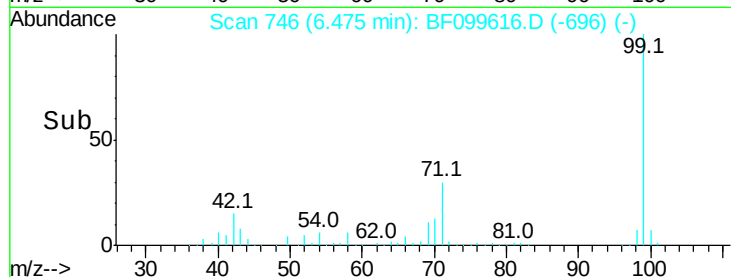
71 30.0 25.4 38.0



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: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

Tgt Ion: 136 Resp: 436988

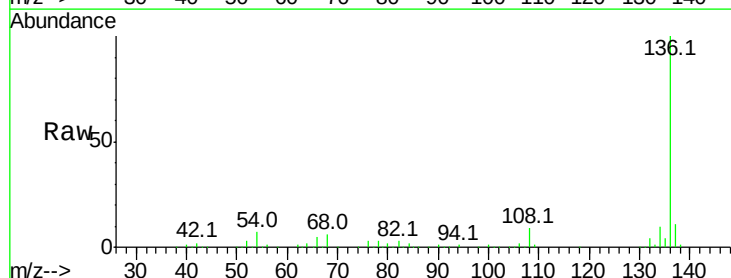
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 6.6 9.8

68 6.0 5.0 7.4

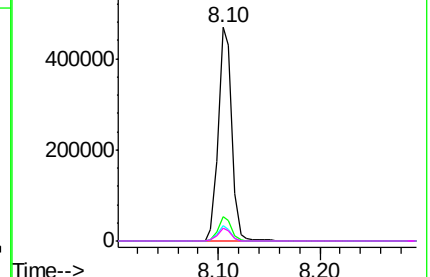
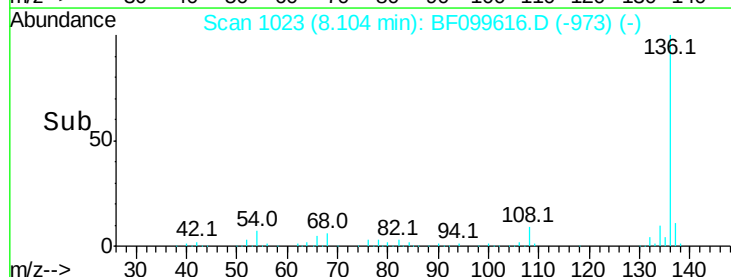


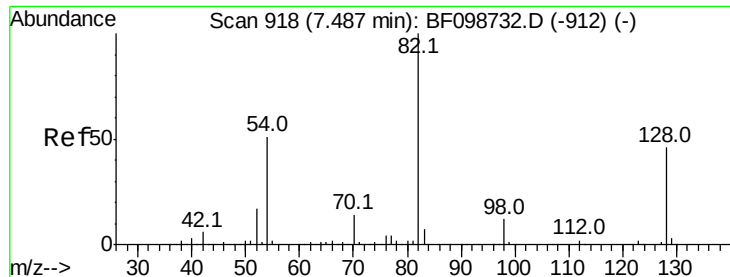
Abundance Ion 136.00 (135.70 to 136.70): E

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

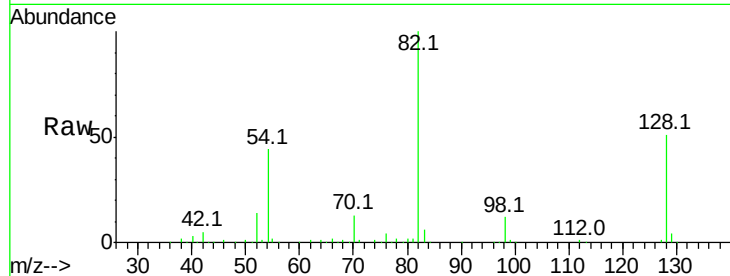




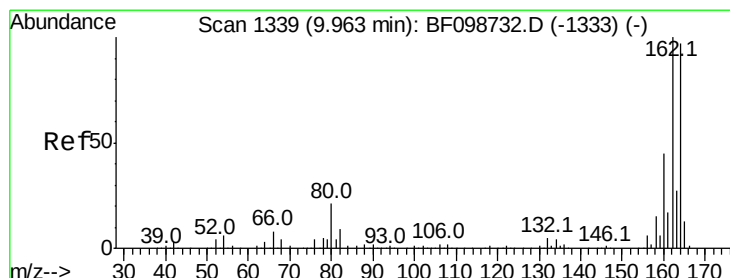
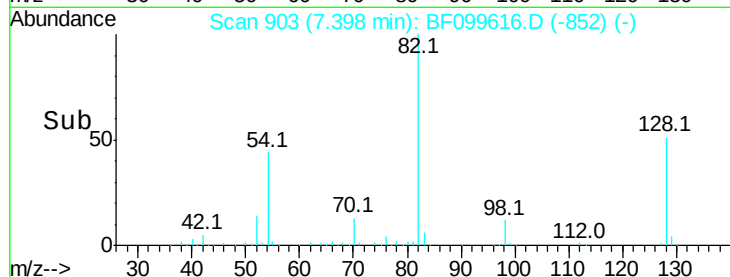
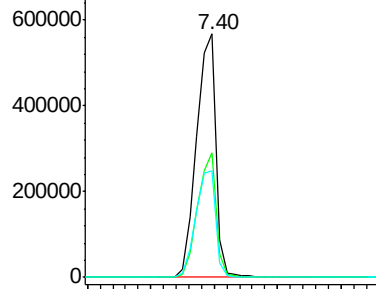
#23
 Nitrobenzene-d5
 Concen: 88.069 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

Tot Ion: 82 Resp: 600108
 Ion Ratio Lower Upper
 82 100
 128 51.3 36.1 54.1
 54 43.9 41.4 62.2

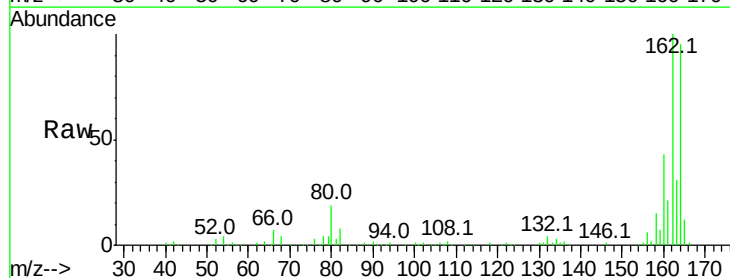


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

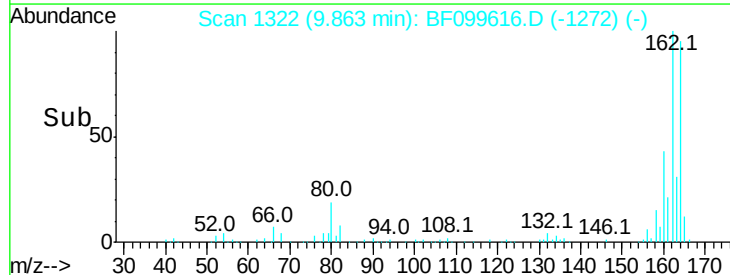
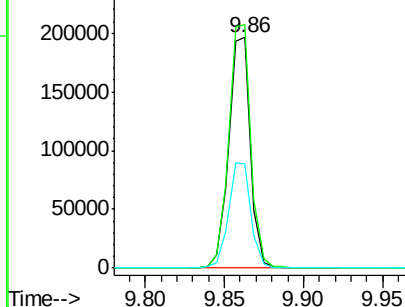


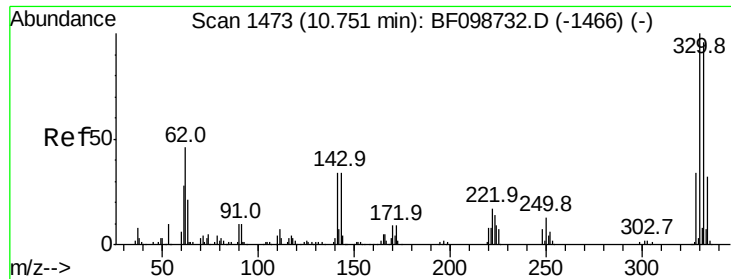
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion:164 Resp: 185817
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 45.4 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

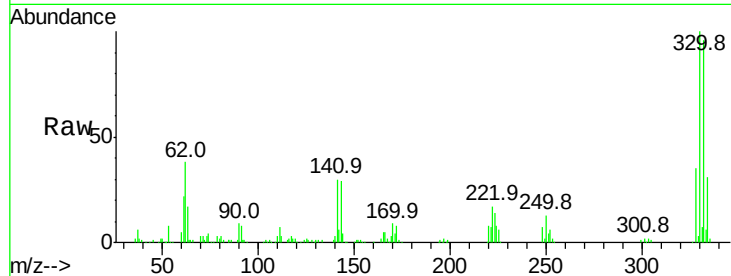




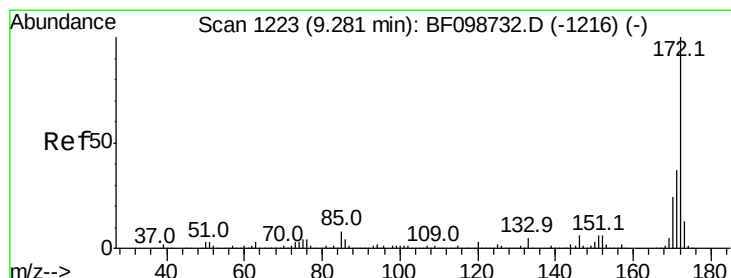
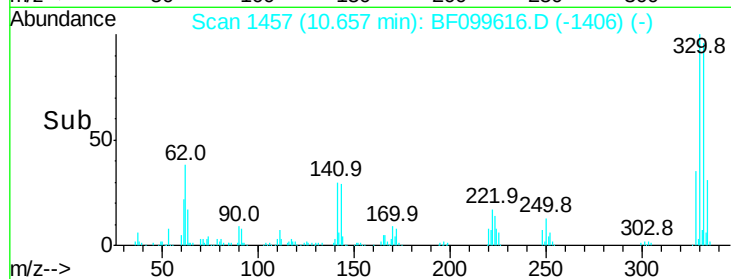
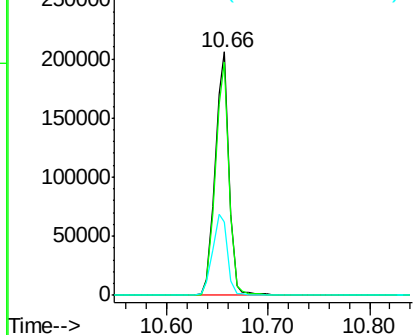
#41
 2,4,6-Tribromophenol
 Concen: 129.170 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

Tot Ion:330 Resp: 196401
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 35.5 29.9 44.9

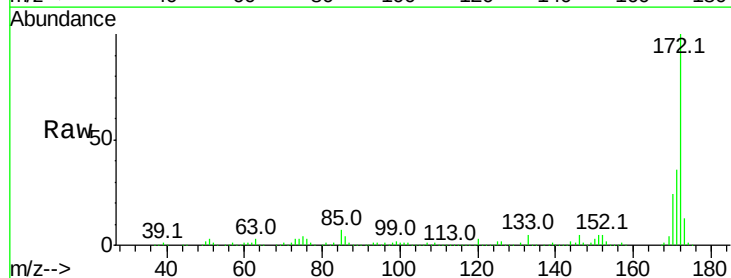


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

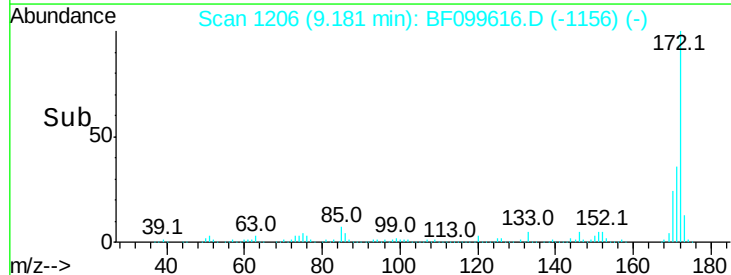
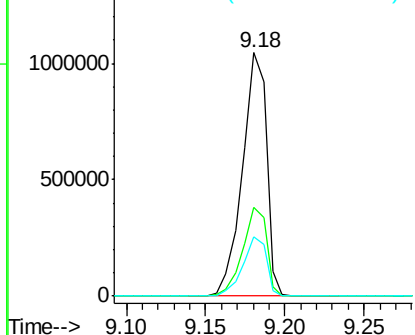


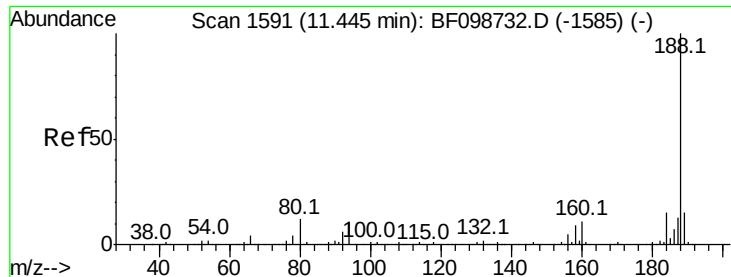
#44
 2-Fluorobiphenyl
 Concen: 99.044 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion:172 Resp: 1102430
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.2 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

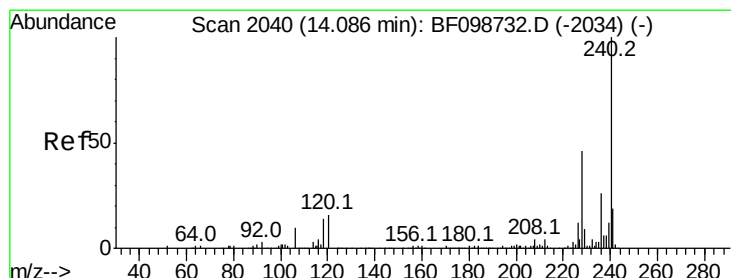
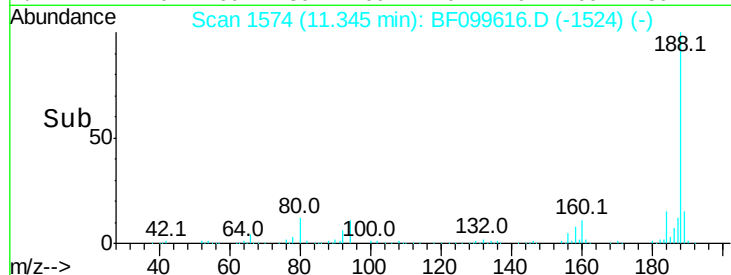
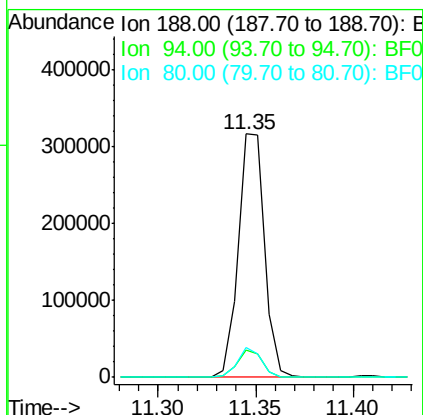
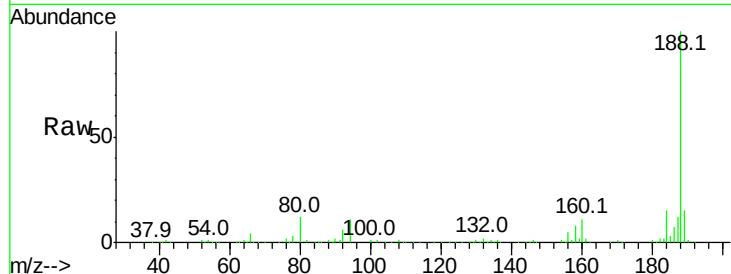




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099616.D
Acq: 18 Oct 2017 14:38

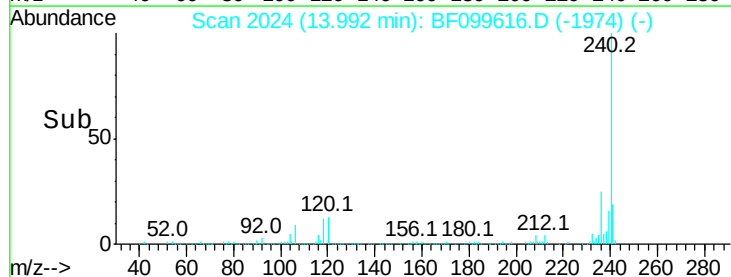
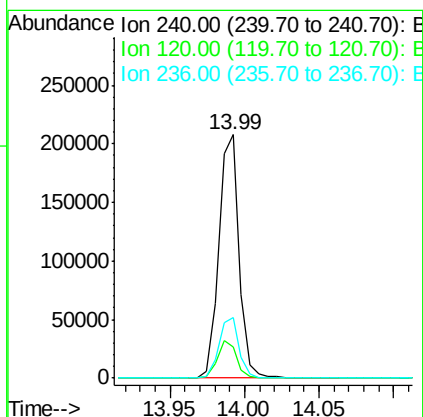
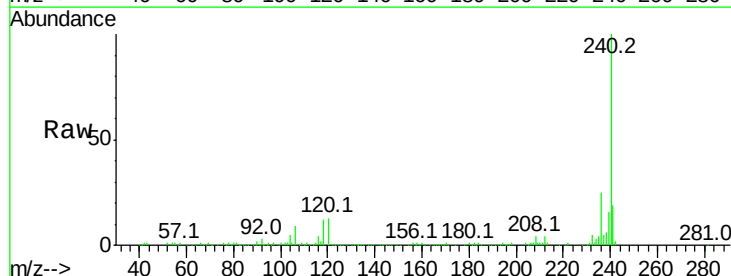
Instrument :
BNA_F
ClientSampleId :
CB-1017-S-TCLP-43S

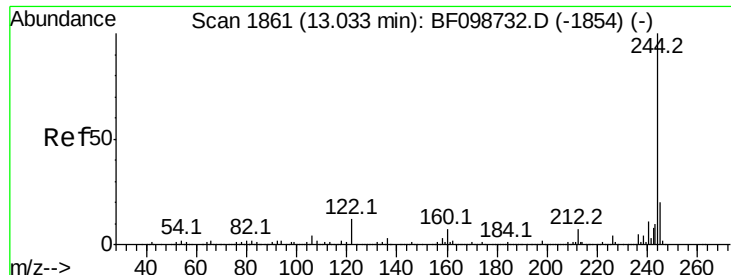
Tot Ion:188 Resp: 295511
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099616.D
Acq: 18 Oct 2017 14:38

Tgt Ion:240 Resp: 197707
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 84.644 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-43S

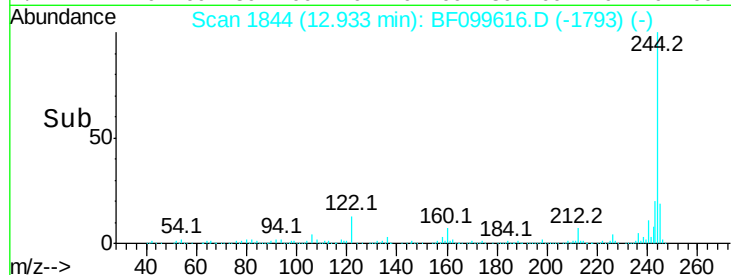
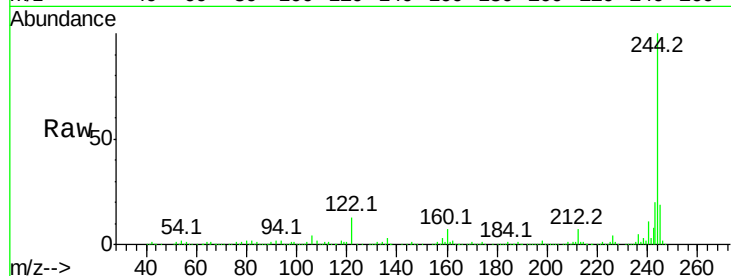
Tot Ion:244 Resp: 735854

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

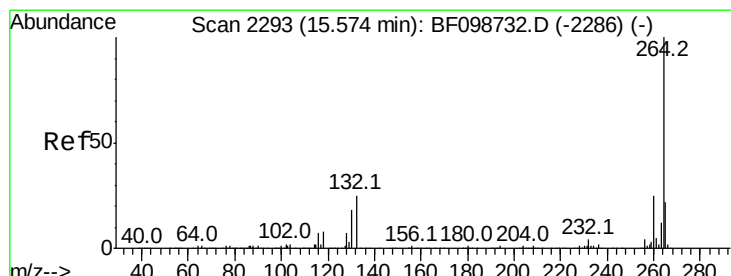
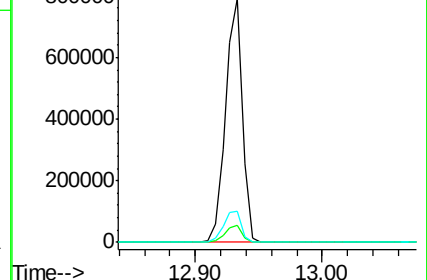
122 12.7 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

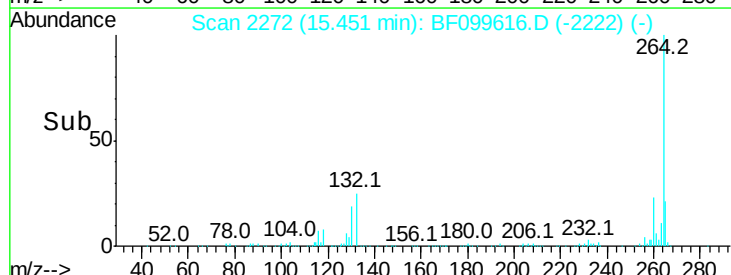
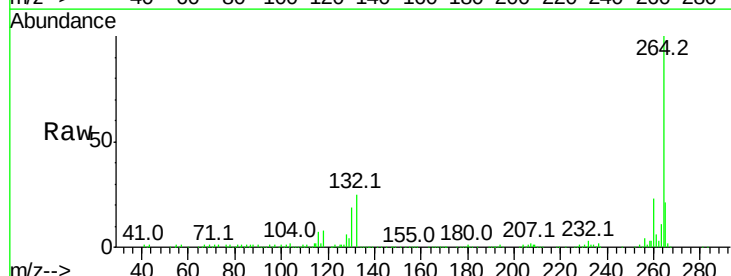
Tgt Ion:264 Resp: 219093

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

