

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099504.D
 Acq On : 15 Oct 2017 4:33
 Operator : SJ/JU
 Sample : I5810-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Oct 15 05:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117791	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	486244	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	212743	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	339673	20.00	ng	0.00
75) Chrysene-d12	14.02	240	199320	20.00	ng	0.00
86) Perylene-d12	15.49	264	208125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	855875	115.67	ng	0.02
7) Phenol-d6	6.50	99	956624	104.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	667743	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	202021	116.05	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1209990	94.95	ng	0.00
78) Terphenyl-d14	12.96	244	829294	94.62	ng	0.00

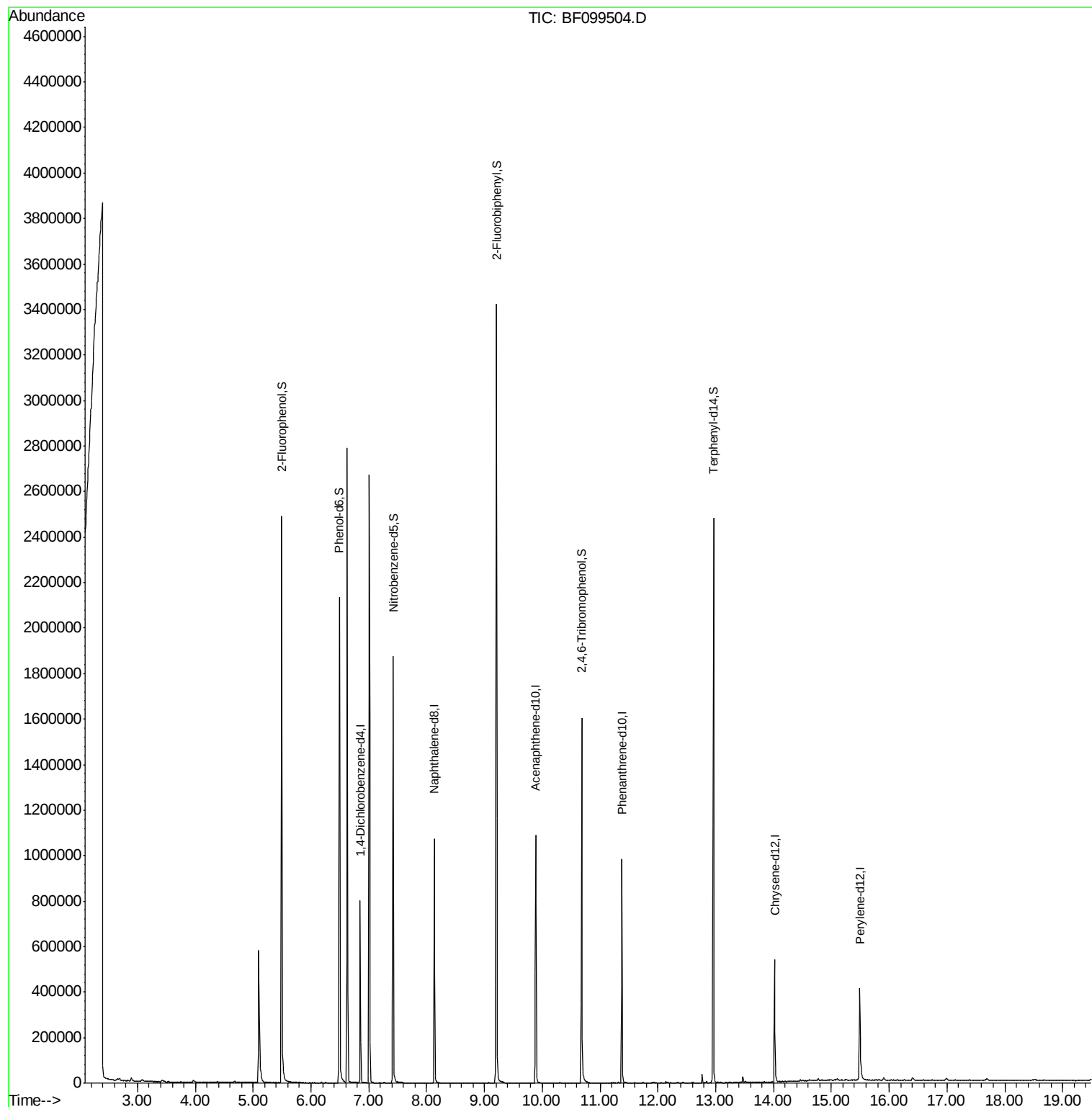
Target Compounds	Qvalue
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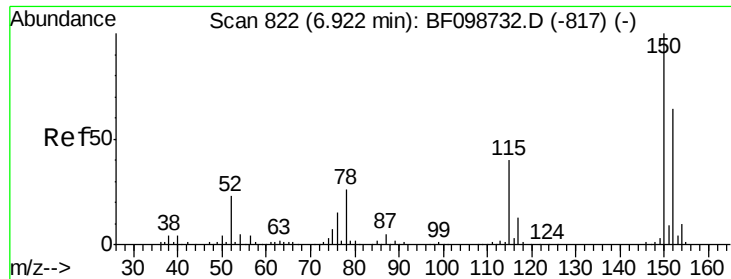
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-43S

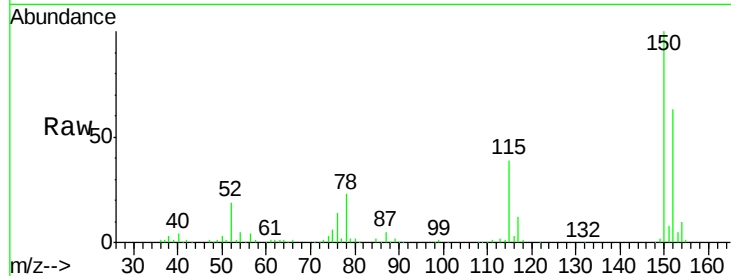
Tgt Ion:152 Resp: 117791

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

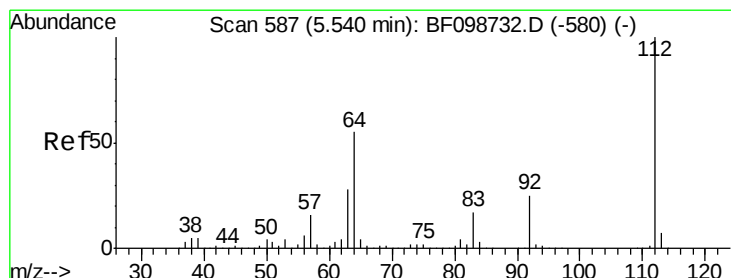
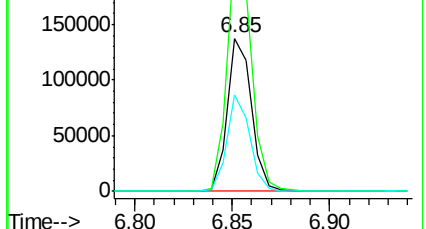
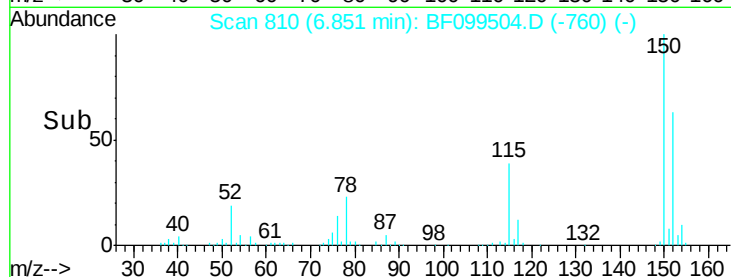
115 62.6 50.1 75.1



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: 115.67 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

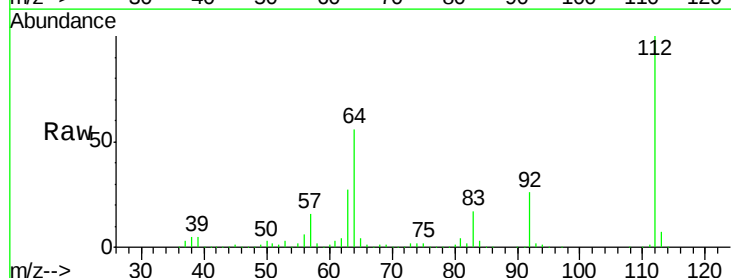
Tgt Ion:112 Resp: 855875

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

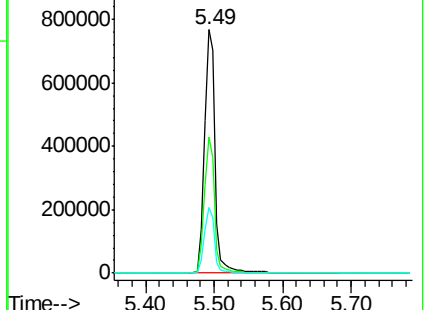
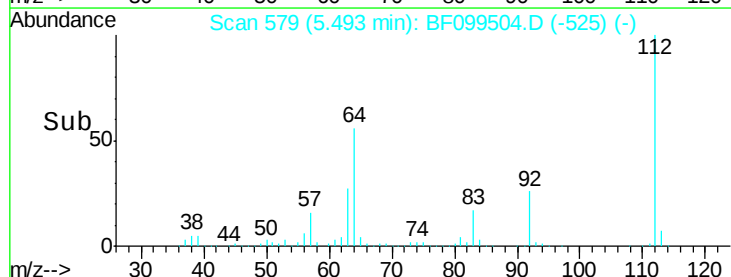
63 27.0 23.7 35.5

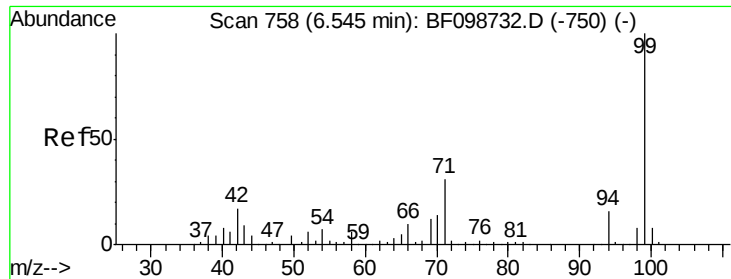


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.80 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-43S

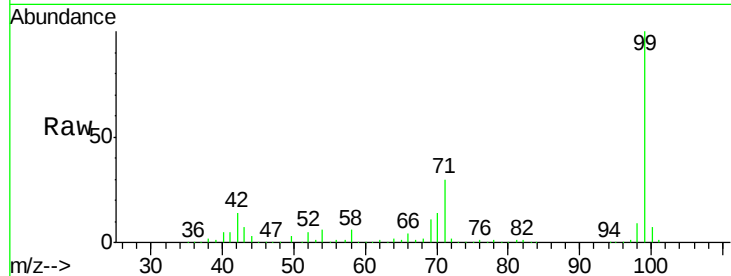
Tgt Ion: 99 Resp: 956624

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

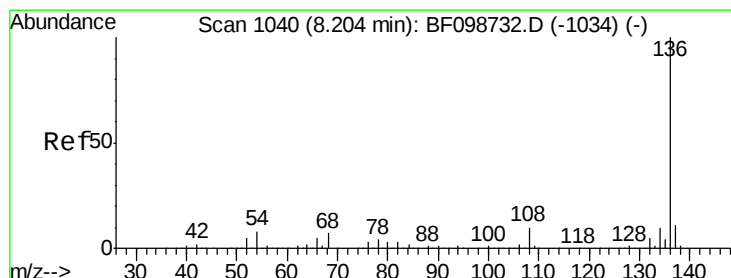
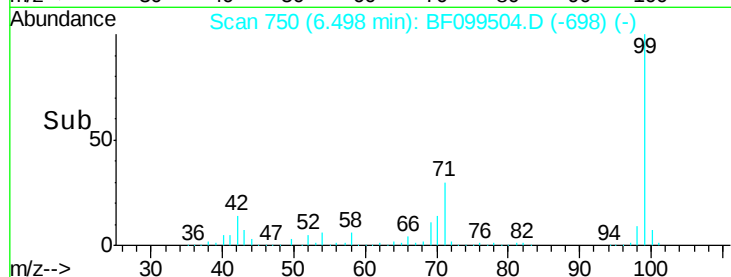
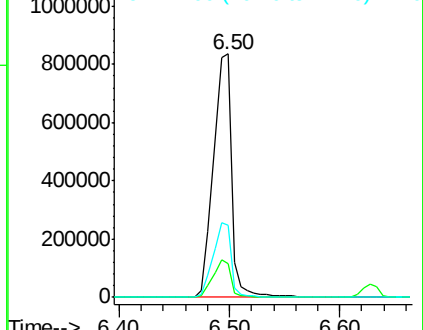
71 29.7 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Tgt Ion: 136 Resp: 486244

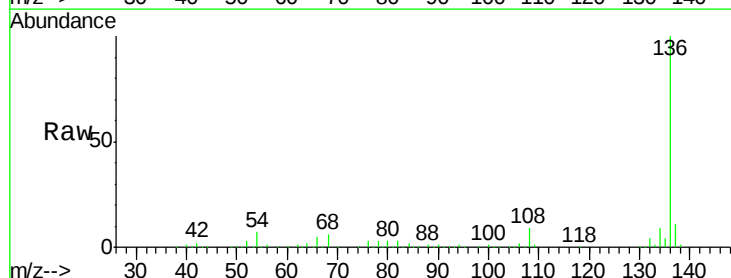
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 6.0 5.0 7.4

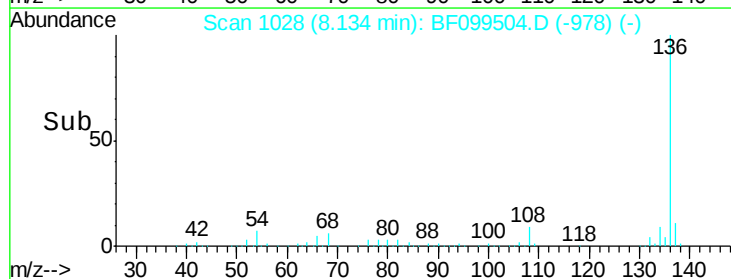
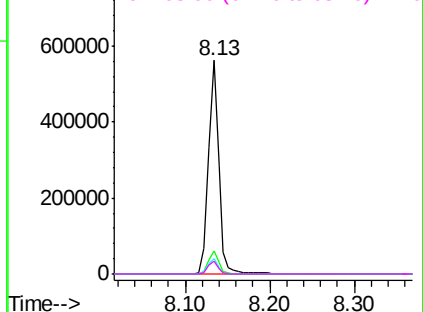


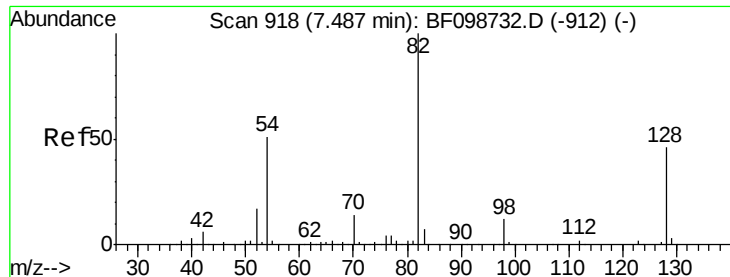
Abundance Ion 136.00 (135.70 to 136.70): E

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

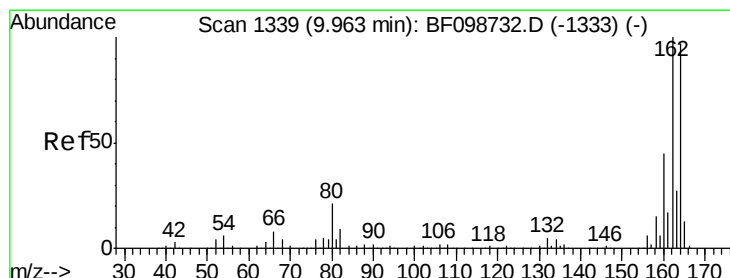
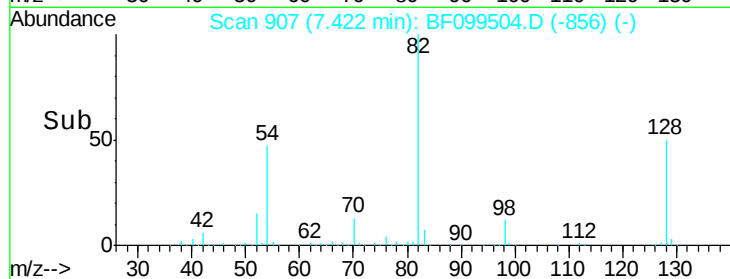
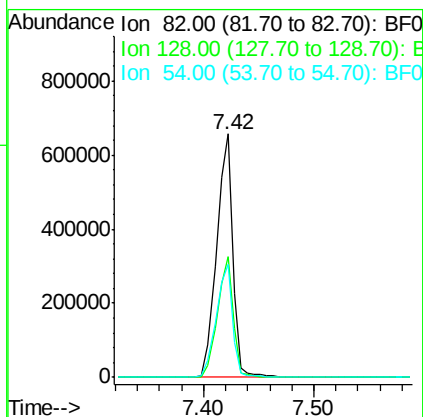
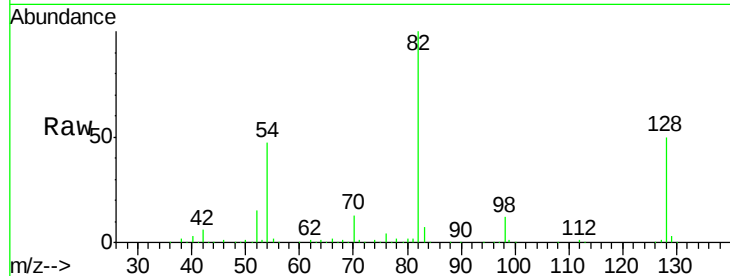




#23
 Nitrobenzene-d5
 Concen: 88.07 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

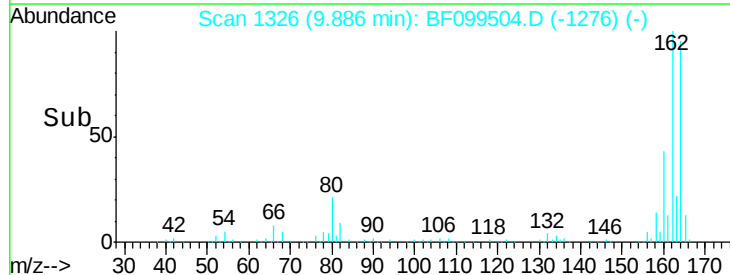
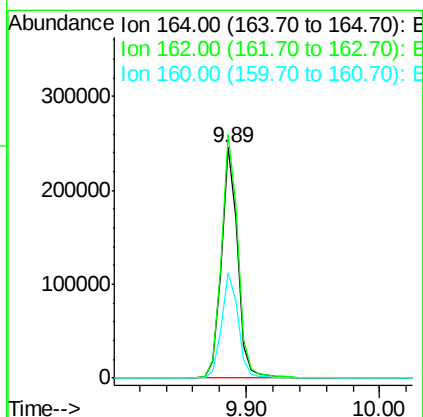
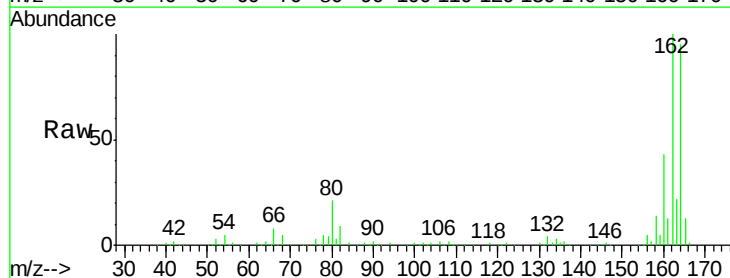
Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

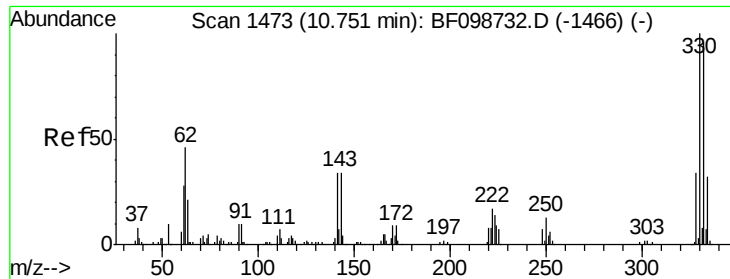
Tgt Ion: 82 Resp: 667743
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 46.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Tgt Ion: 164 Resp: 212743
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 45.6 38.3 57.5

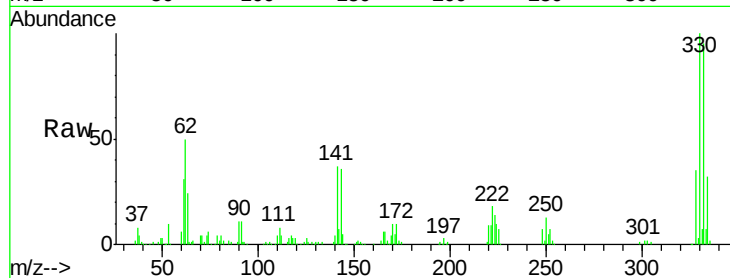




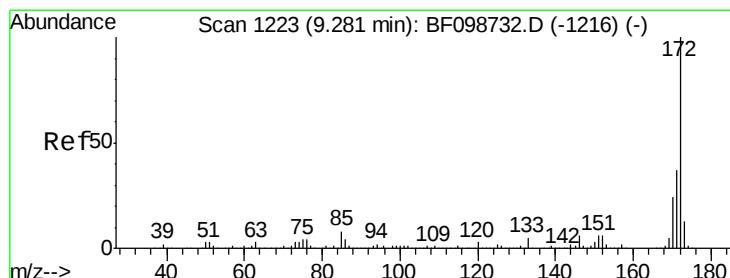
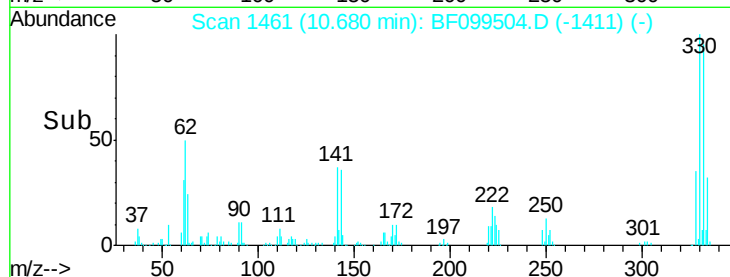
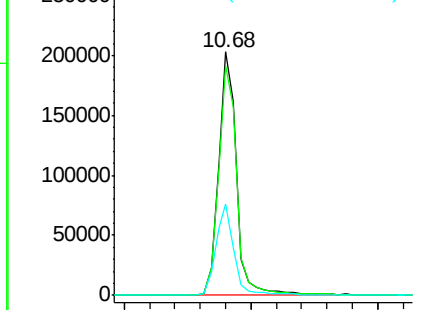
#41
 2,4,6-Tribromophenol
 Concen: 116.05 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.5	29.9	44.9

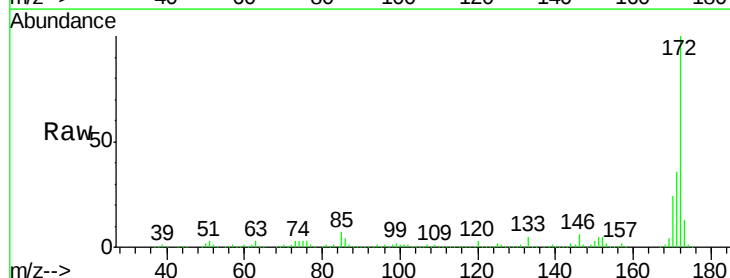


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

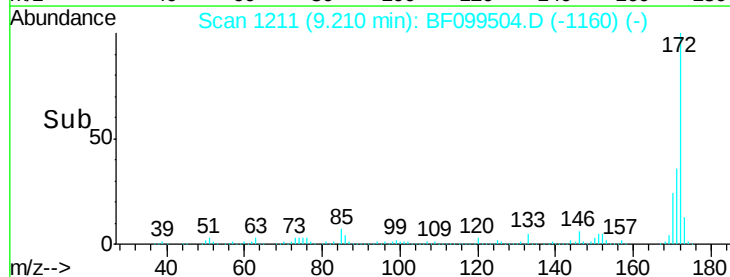
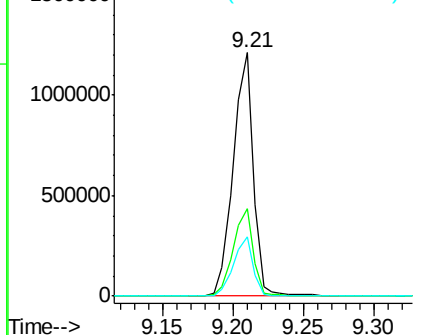


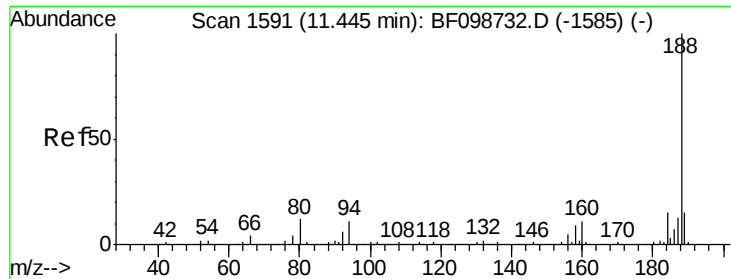
#44
 2-Fluorobiphenyl
 Concen: 94.95 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099504.D
 Acq: 15 Oct 2017 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	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

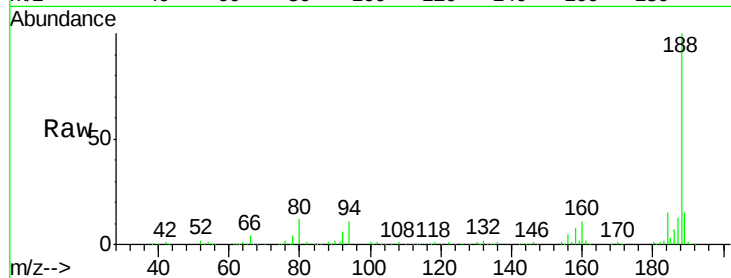




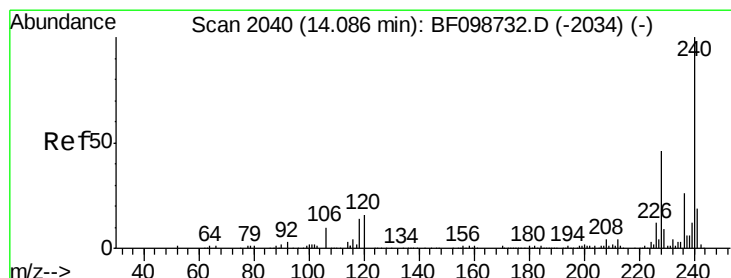
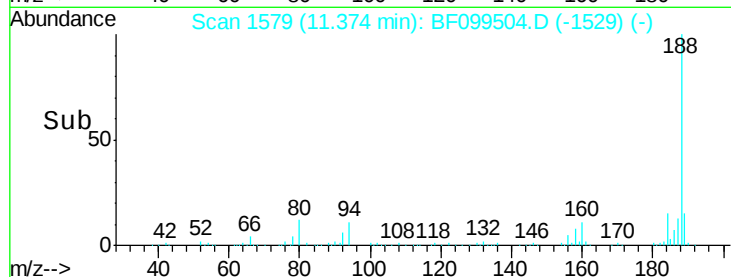
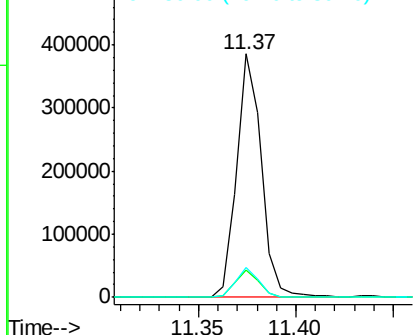
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099504.D
Acq: 15 Oct 2017 4:33

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

Tgt Ion:188 Resp: 339673
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 9.2 13.8

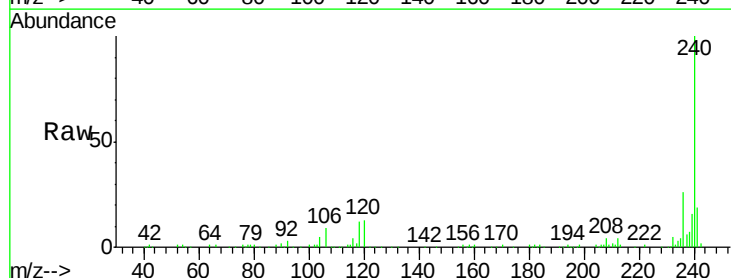


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

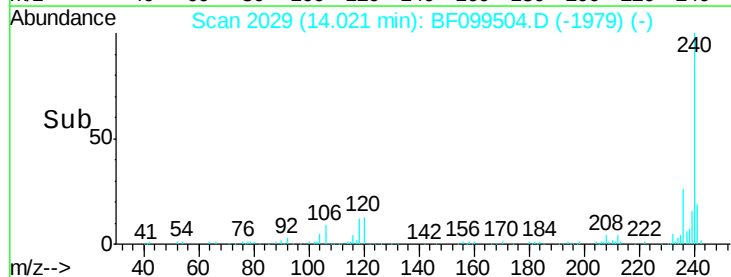
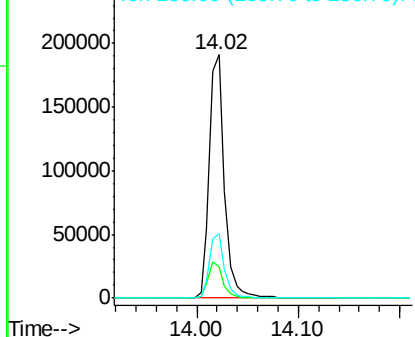


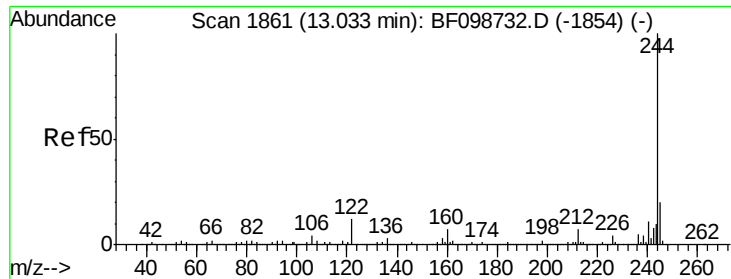
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099504.D
Acq: 15 Oct 2017 4:33

Tgt Ion:240 Resp: 199320
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.62 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-43S

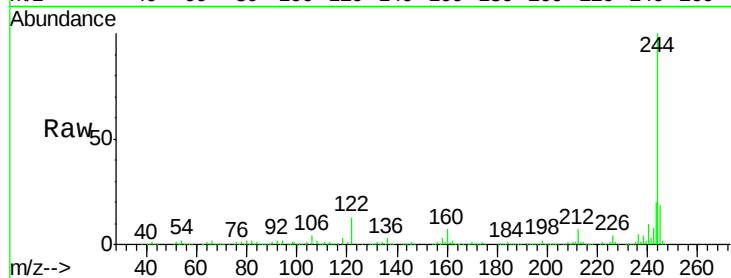
Tgt Ion:244 Resp: 829294

Ion Ratio Lower Upper

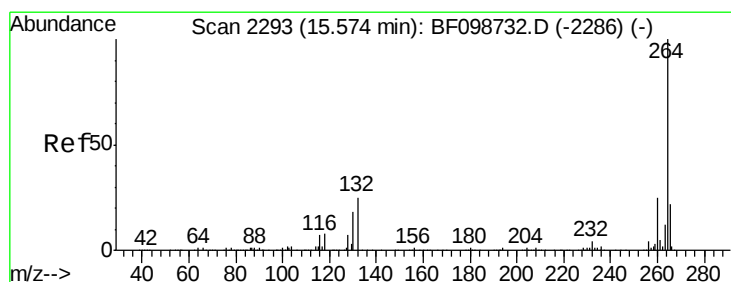
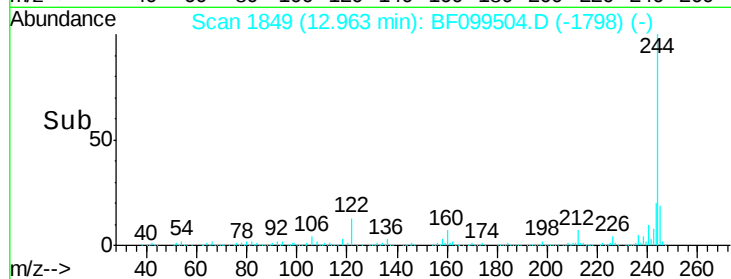
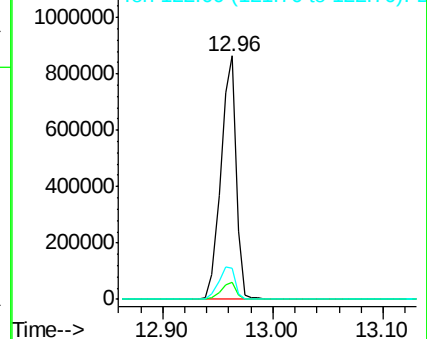
244 100

212 6.9 5.4 8.0

122 12.6 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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF099504.D

Acq: 15 Oct 2017 4:33

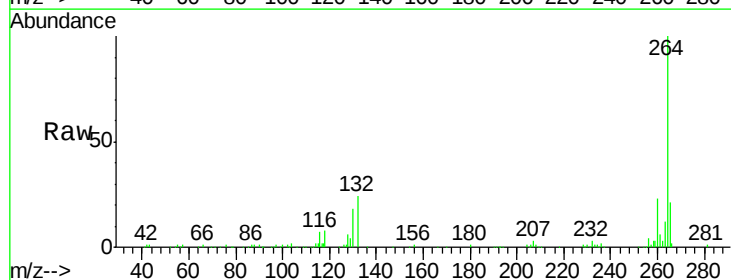
Tgt Ion:264 Resp: 208125

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.0 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

