

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100245.D
 Acq On : 6 Nov 2017 12:12
 Operator : SJ/JU
 Sample : I6225-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S2

Quant Time: Nov 06 13:34:37 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	92758	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	382200	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	177378	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	326199	20.00	ng	0.00
75) Chrysene-d12	13.94	240	265298	20.00	ng	0.00
86) Perylene-d12	15.40	264	204729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	839314	142.06	ng	0.03
7) Phenol-d6	6.42	99	909225	129.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	601708	101.36	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	248365	153.65	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1222201	106.31	ng	0.00
78) Terphenyl-d14	12.87	244	1082257	89.15	ng	0.00

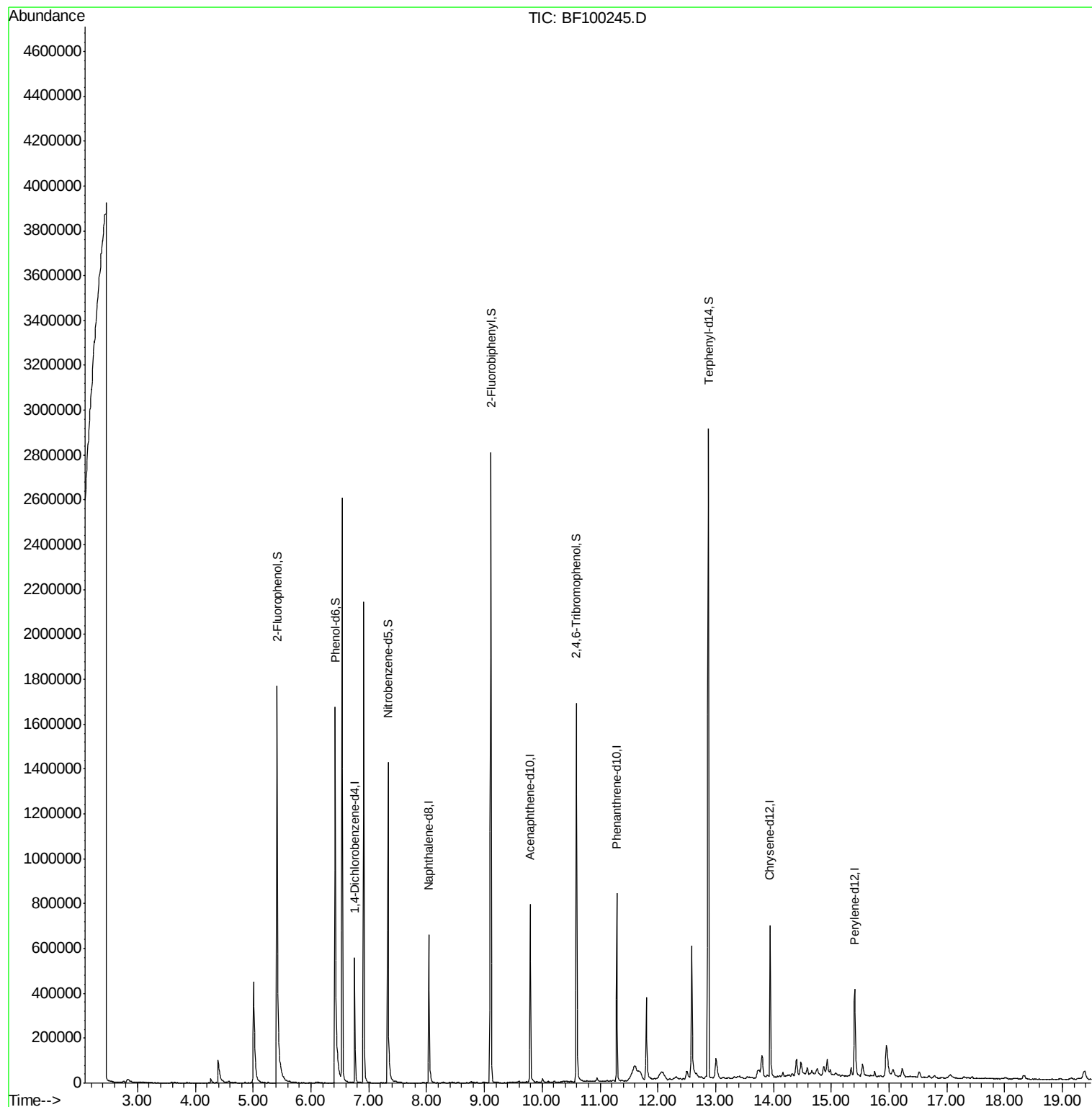
Target Compounds	Qvalue
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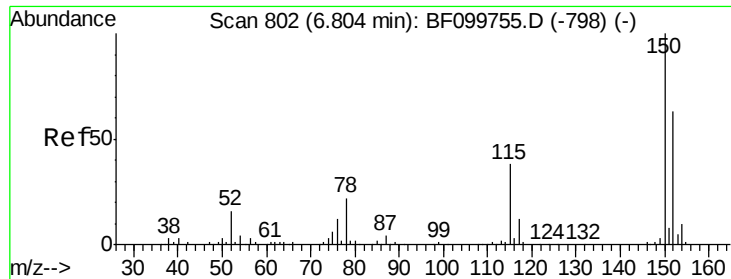
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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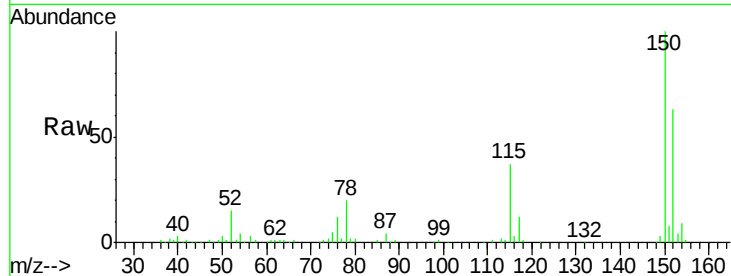




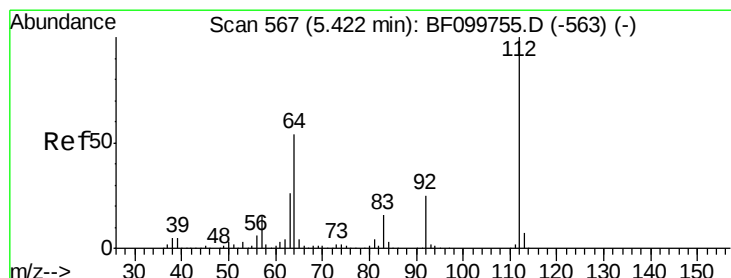
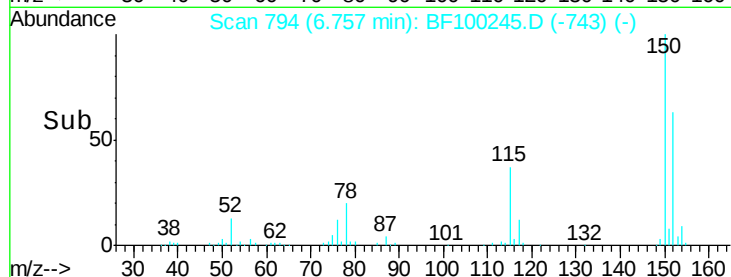
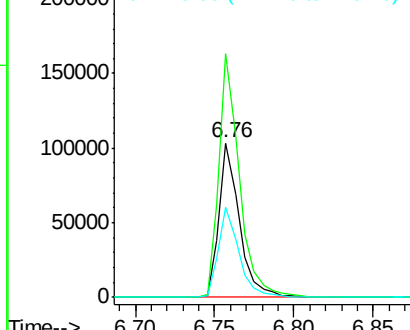
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S2

Tgt Ion:152 Resp: 92758
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 58.1 50.1 75.1

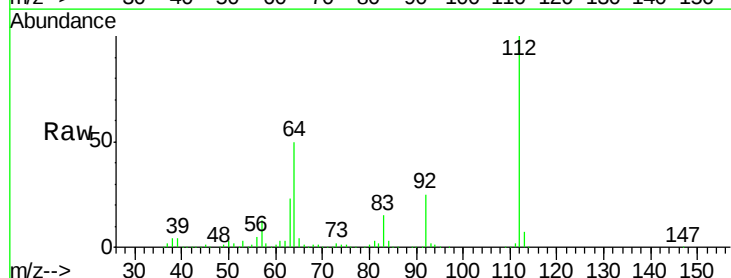


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

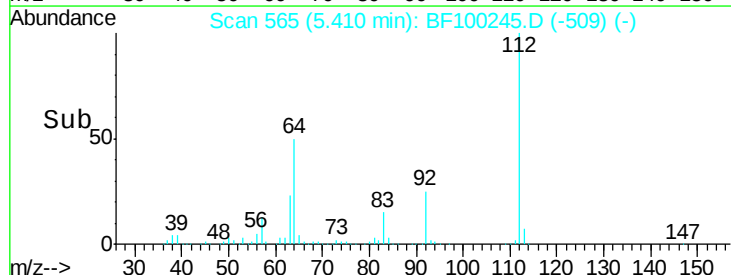
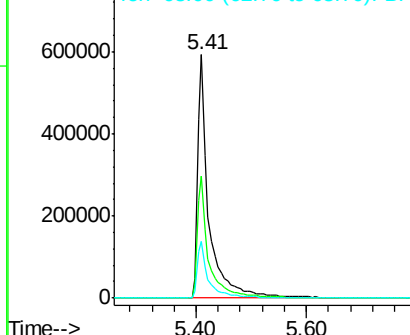


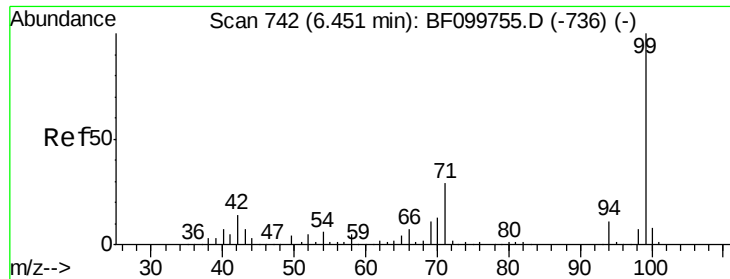
#5
 2-Fluorophenol
 Concen: 142.057 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.03 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion:112 Resp: 839314
 Ion Ratio Lower Upper
 112 100
 64 50.1 47.9 71.9
 63 23.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 129.786 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100245.D

Acq: 6 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-47S2

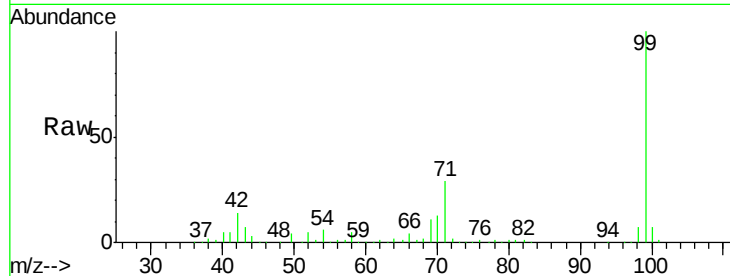
Tgt Ion: 99 Resp: 909225

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

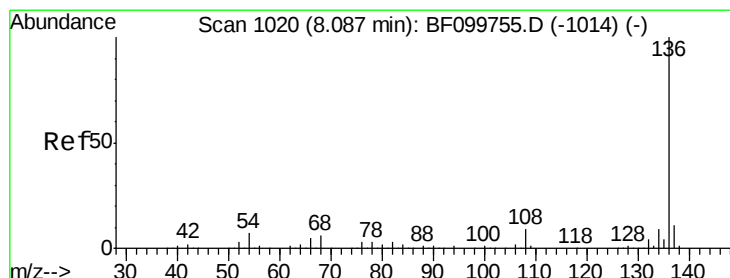
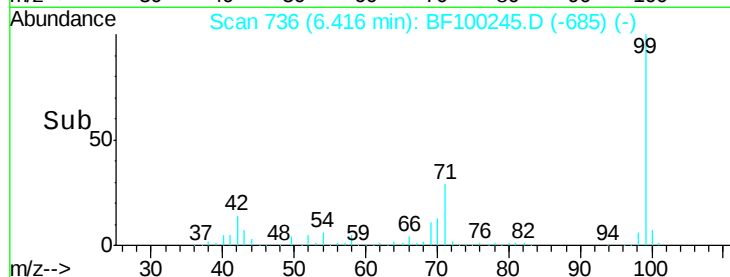
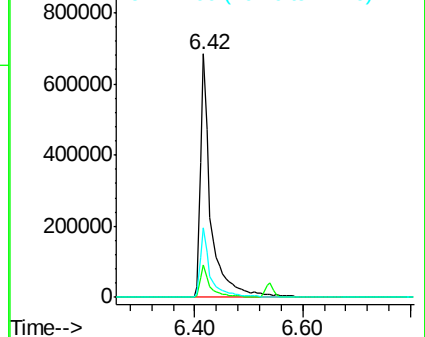
71 28.8 25.4 38.0



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: BF100245.D

Acq: 6 Nov 2017 12:12

Tgt Ion: 136 Resp: 382200

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 6.6 9.8#

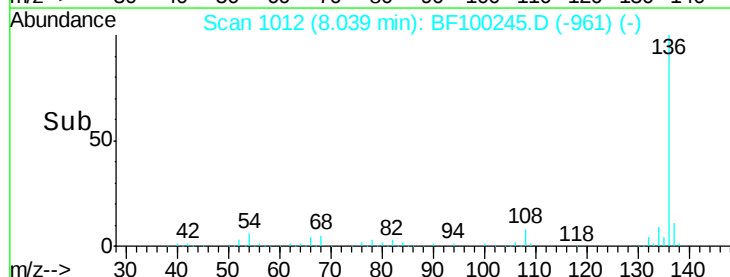
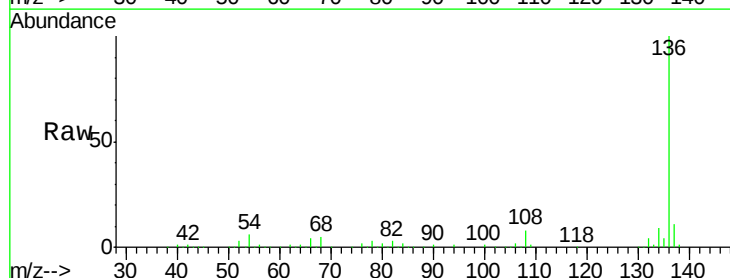
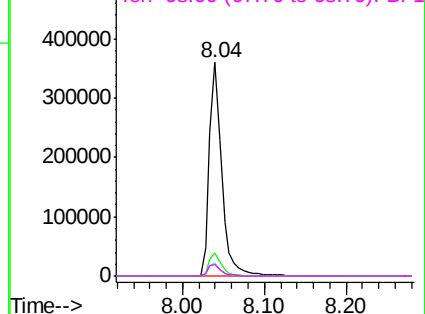
68 5.2 5.0 7.4

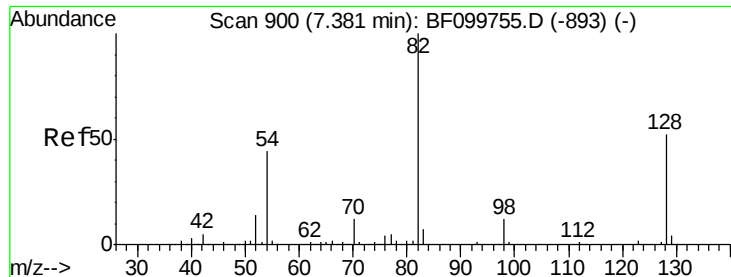
Abundance Ion 136.00 (135.70 to 136.70): E

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

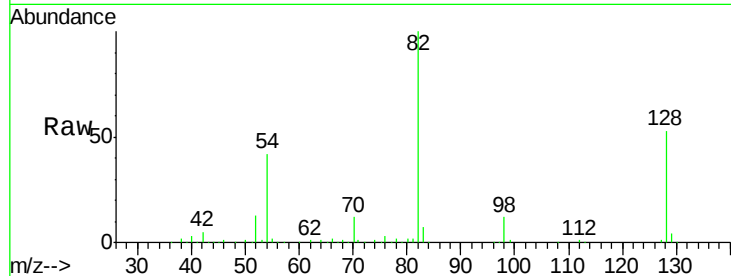




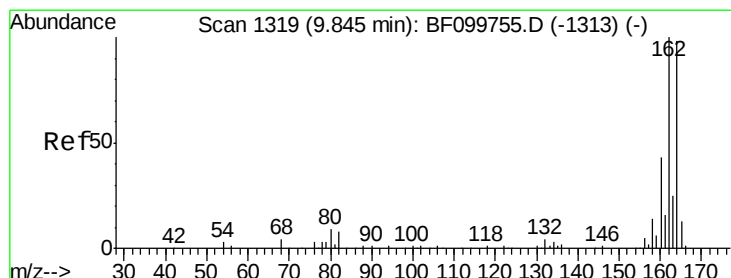
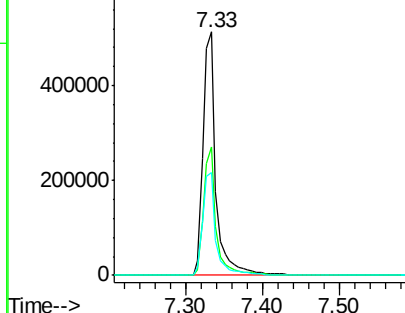
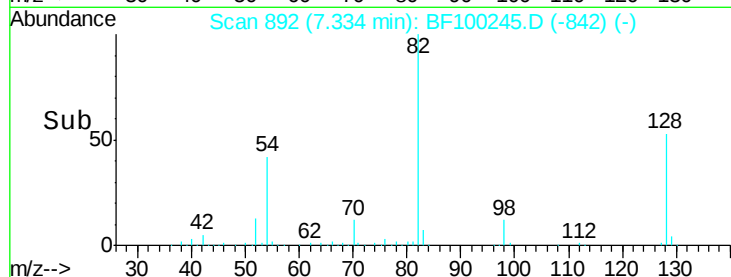
#23
 Nitrobenzene-d5
 Concen: 101.356 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S2

Tgt Ion: 82 Resp: 601708
 Ion Ratio Lower Upper
 82 100
 128 52.5 36.1 54.1
 54 42.3 41.4 62.2

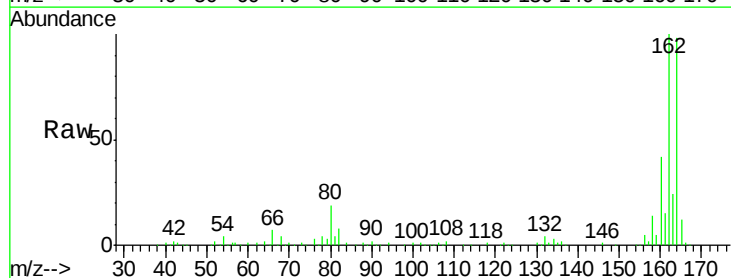


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

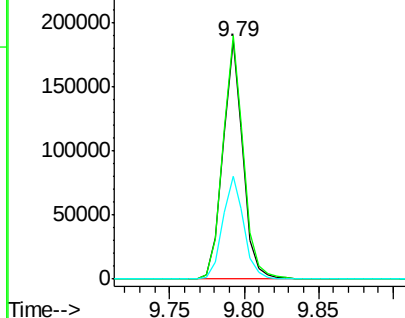
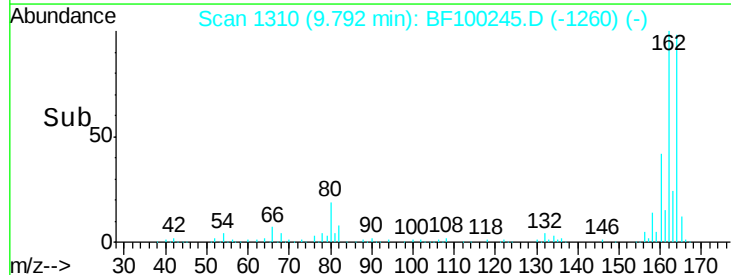


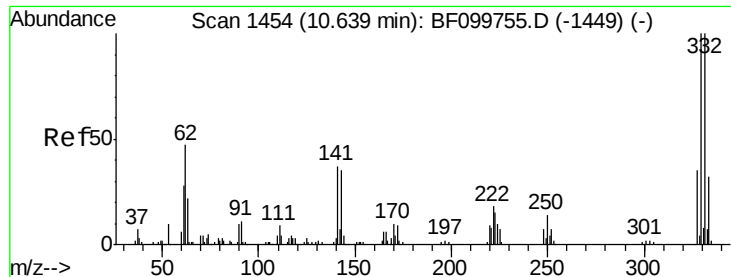
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion: 164 Resp: 177378
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 43.2 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

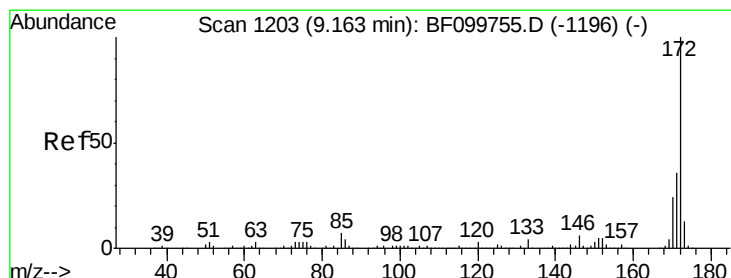
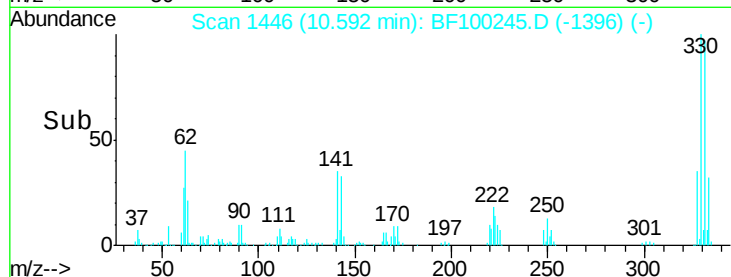
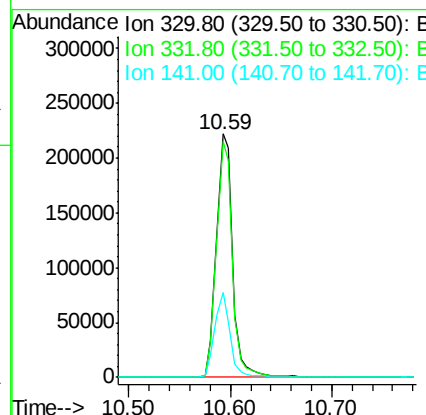
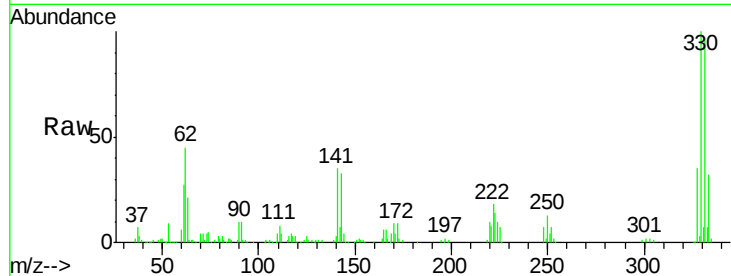




#41
 2,4,6-Tribromophenol
 Concen: 153.646 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

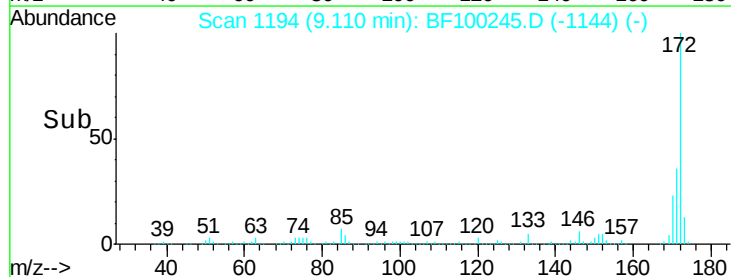
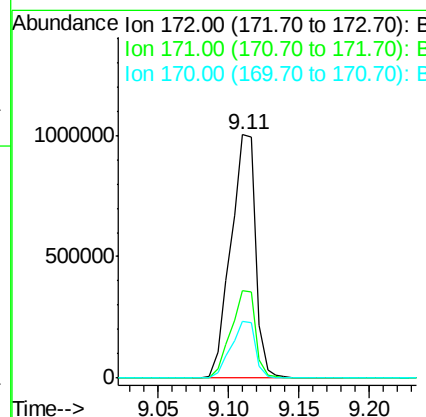
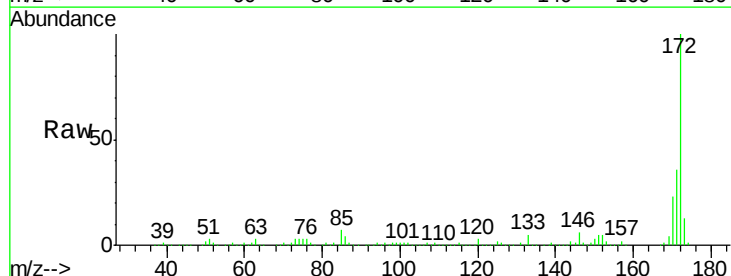
Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S2

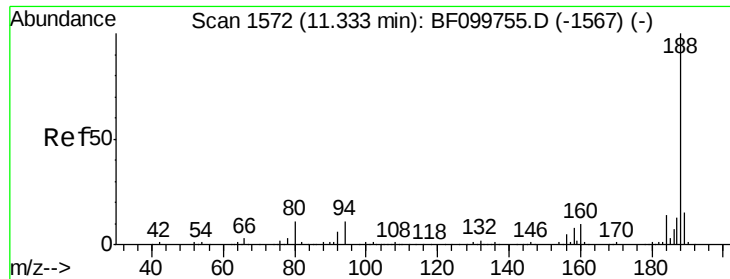
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 106.307 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4

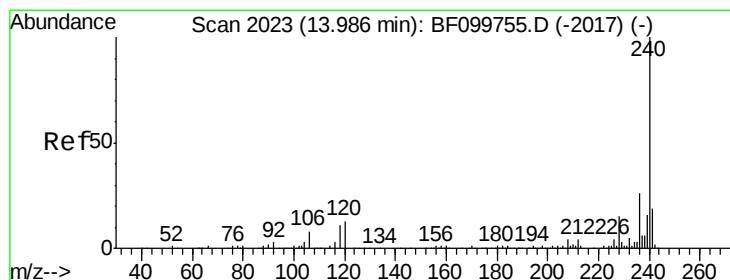
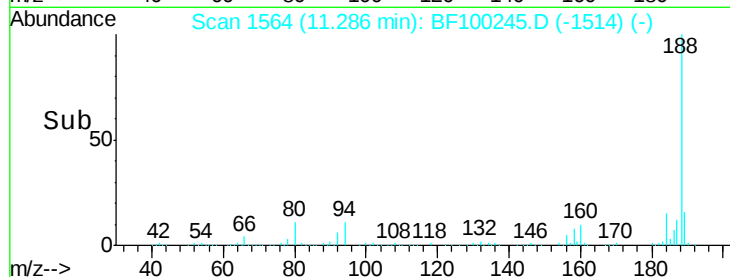
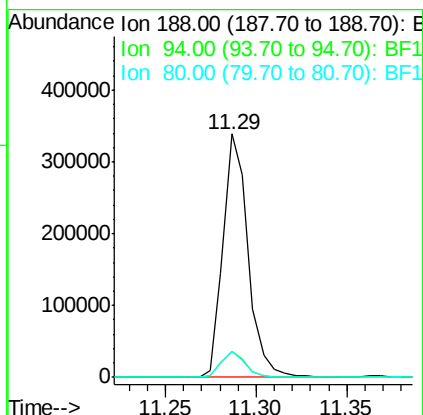
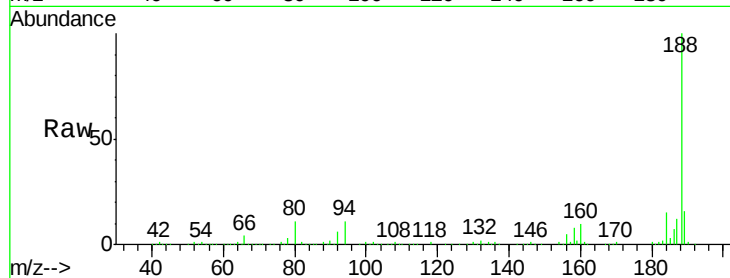




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

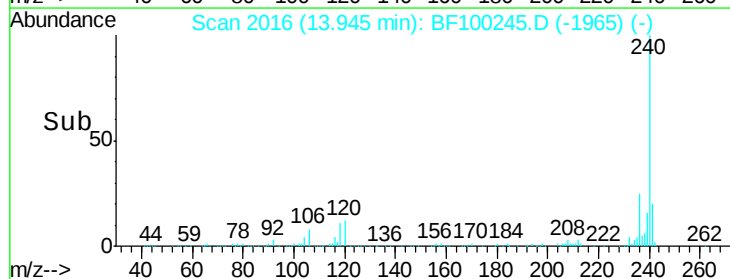
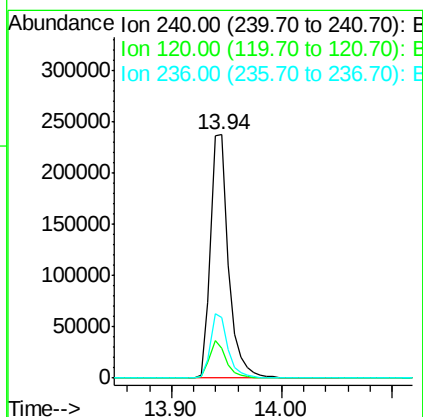
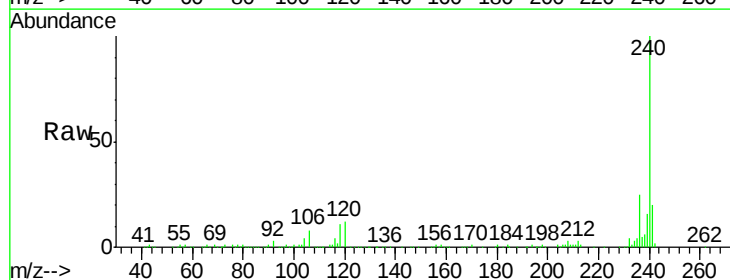
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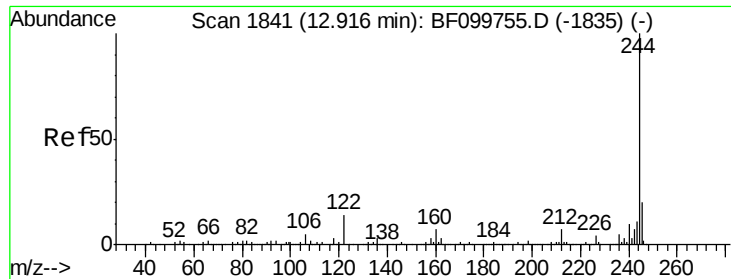
Tgt Ion:188 Resp: 326199
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

Tgt Ion:240 Resp: 265298
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 24.6 20.7 31.1

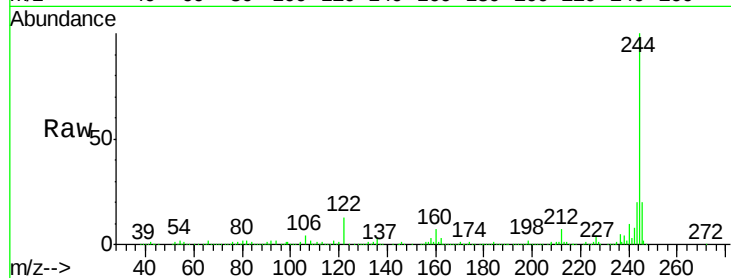




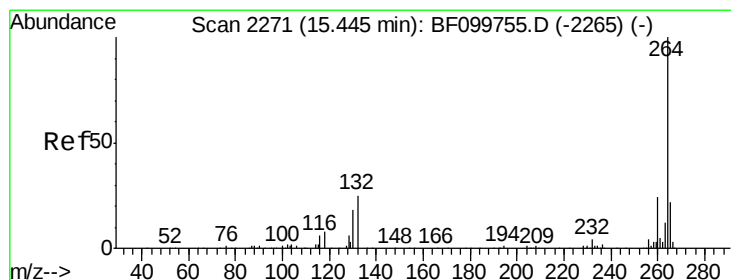
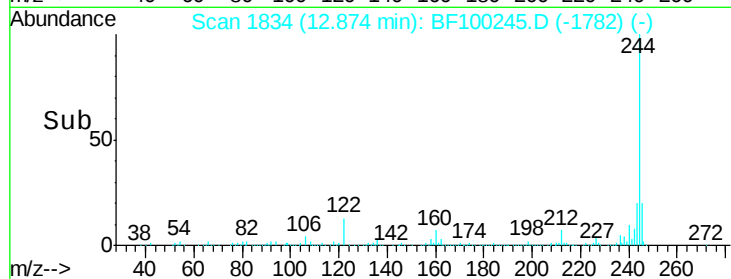
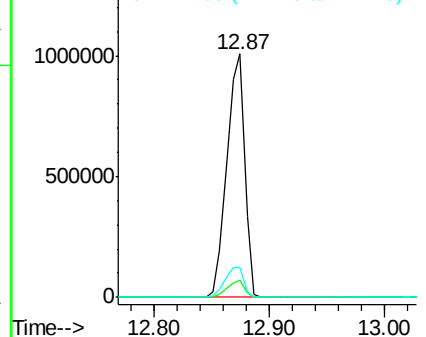
#78
 Terphenyl-d14
 Concen: 89.150 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-47S2

Tgt Ion:244 Resp: 1082257
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.5 11.0 16.4

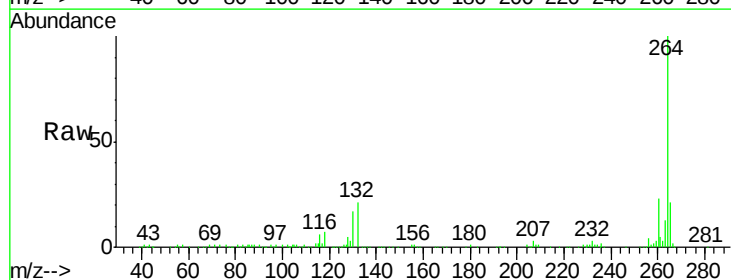


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion:264 Resp: 204729
 Ion Ratio Lower Upper
 264 100
 260 22.6 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

