

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099503.D
 Acq On : 15 Oct 2017 4:04
 Operator : SJ/JU
 Sample : I5813-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Quant Time: Oct 15 05:00:33 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	113882	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476795	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	213804	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	351649	20.00	ng	0.00
75) Chrysene-d12	14.02	240	198468	20.00	ng	0.00
86) Perylene-d12	15.49	264	198960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	841022	117.56	ng	0.02
7) Phenol-d6	6.49	99	918772	104.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	663546	89.25	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	198177	113.28	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1195214	93.32	ng	0.00
78) Terphenyl-d14	12.96	244	895967	102.67	ng	0.00

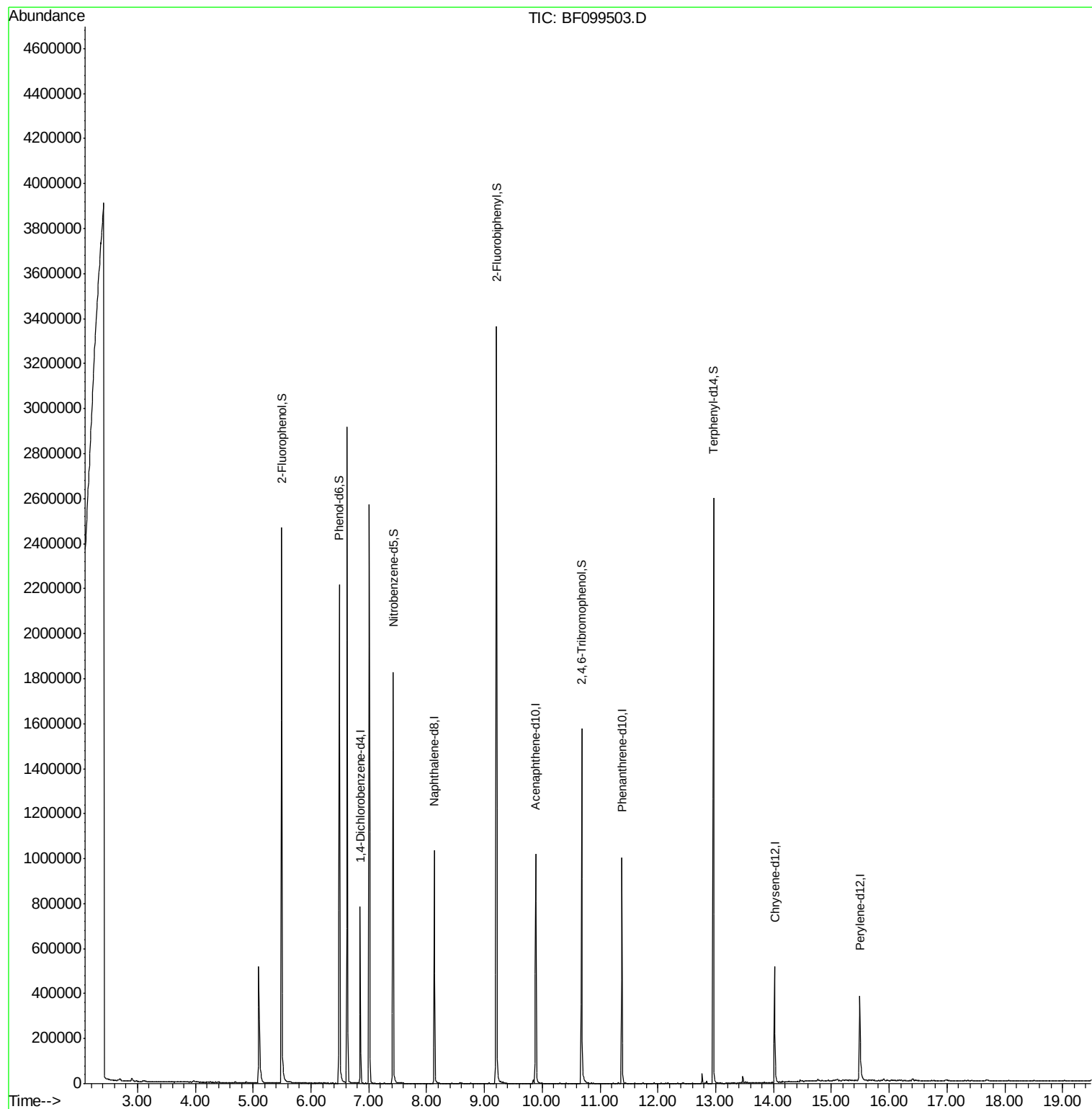
Target Compounds	Qvalue
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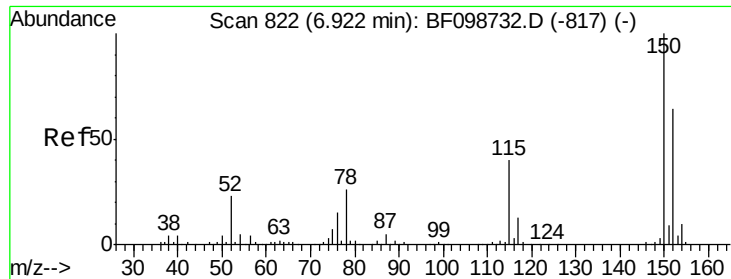
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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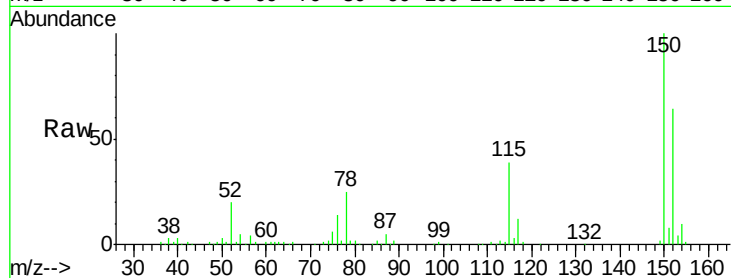




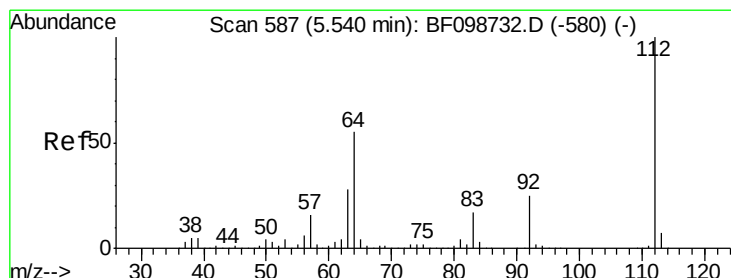
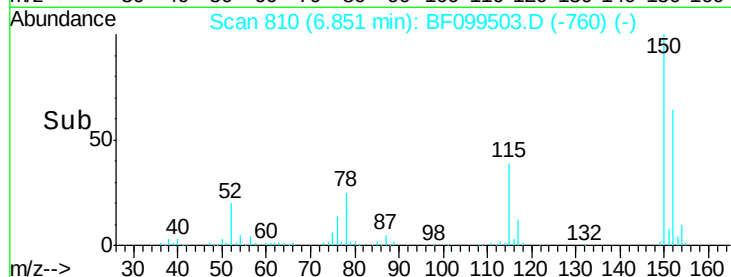
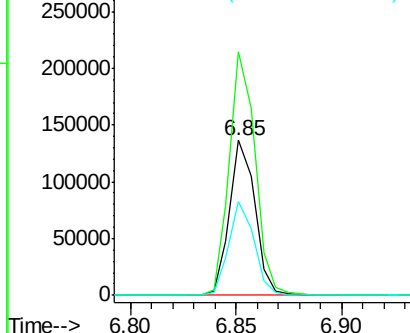
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Tgt Ion:152 Resp: 113882
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 60.6 50.1 75.1

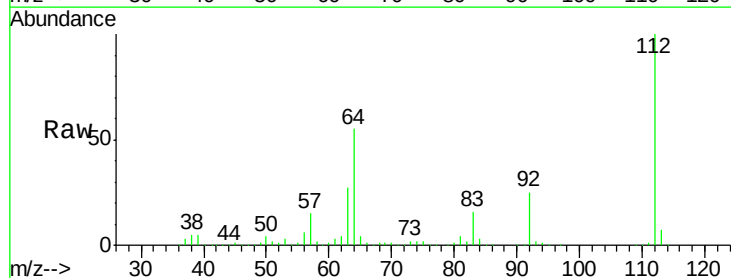


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

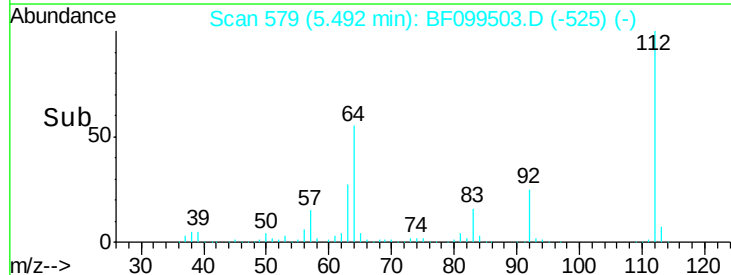
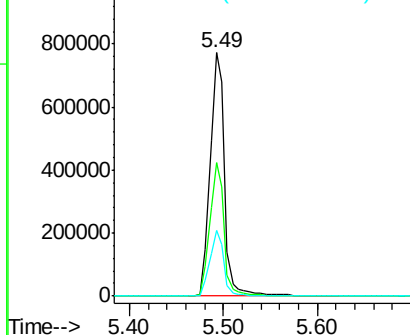


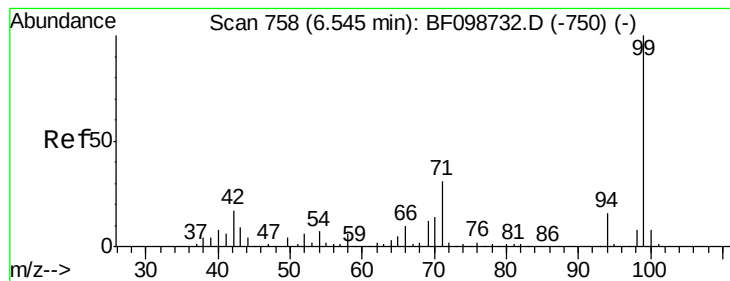
#5
 2-Fluorophenol
 Concen: 117.56 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Tgt Ion:112 Resp: 841022
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.9 71.9
 63 26.8 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: 104.11 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099503.D

Acq: 15 Oct 2017 4:04

Instrument :

BNA_F

ClientSampleId :

OK-03-101117

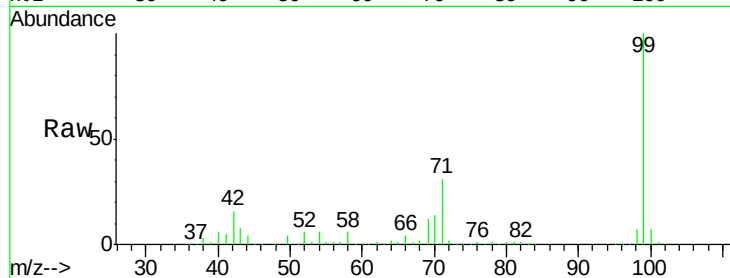
Tgt Ion: 99 Resp: 918772

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

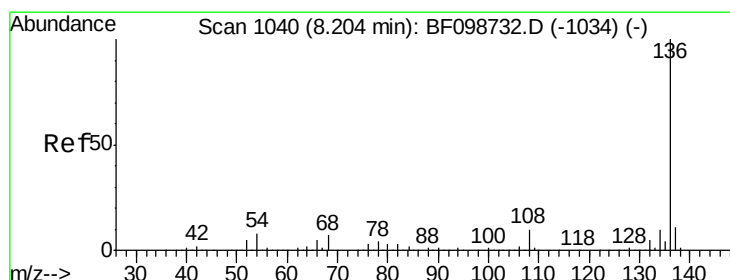
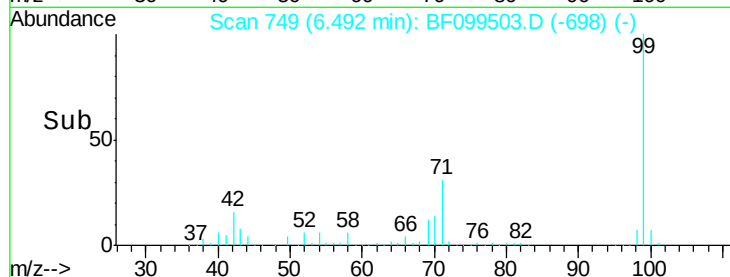
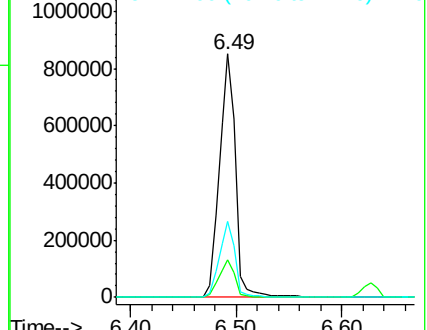
71 31.2 25.4 38.0



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: BF099503.D

Acq: 15 Oct 2017 4:04

Tgt Ion: 136 Resp: 476795

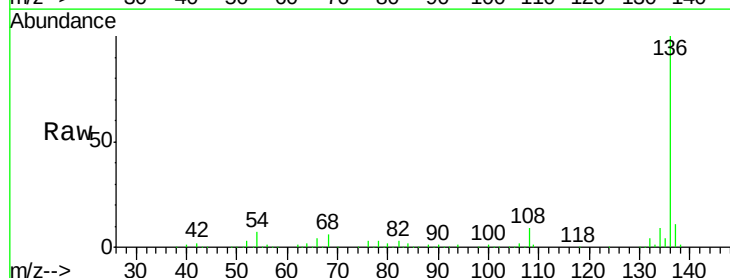
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4

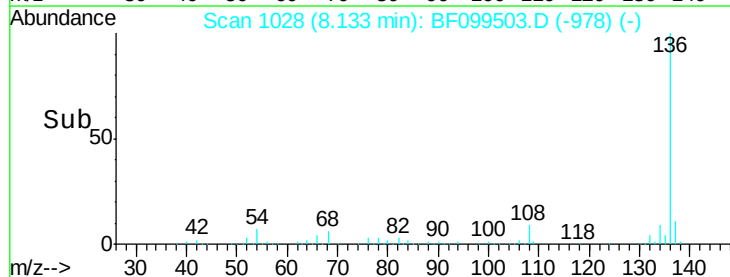
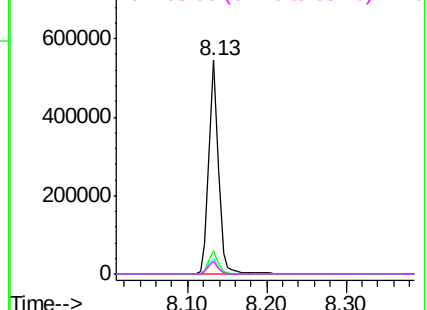


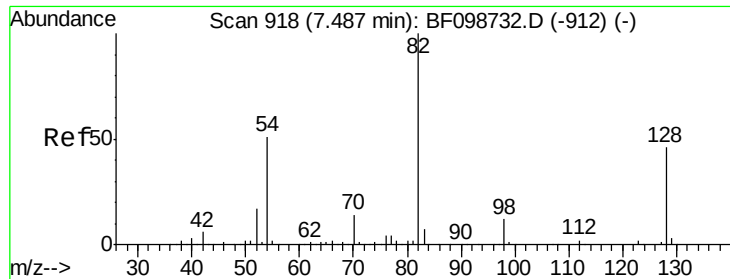
Abundance Ion 136.00 (135.70 to 136.70): E

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

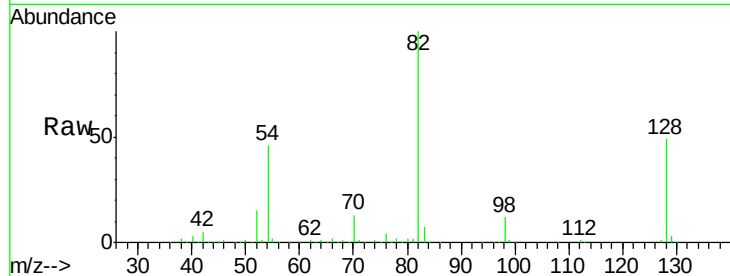




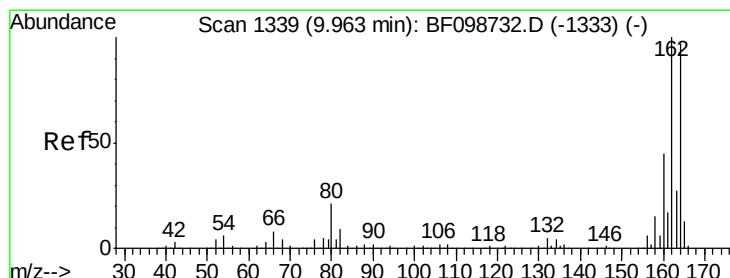
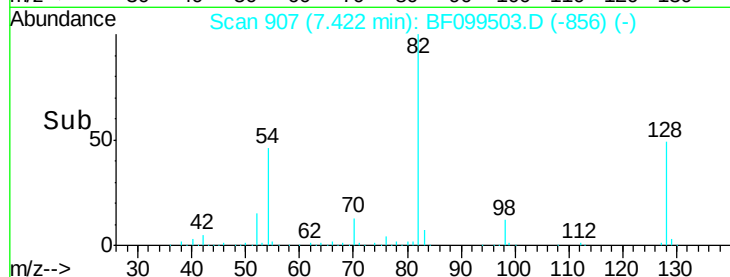
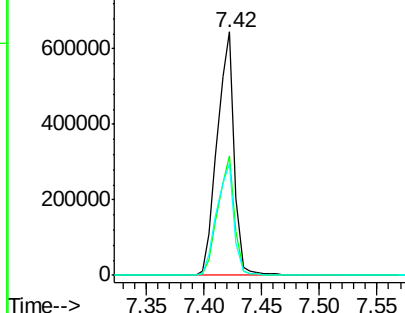
#23
 Nitrobenzene-d5
 Concen: 89.25 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Tgt Ion: 82 Resp: 663546
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 45.9 41.4 62.2

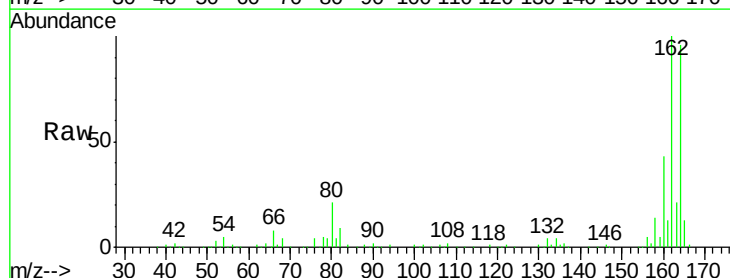


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

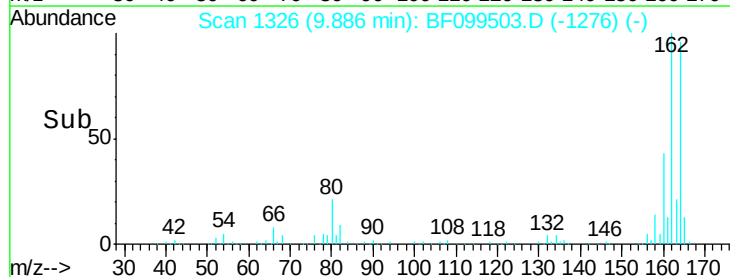
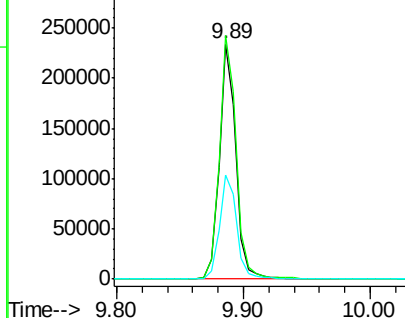


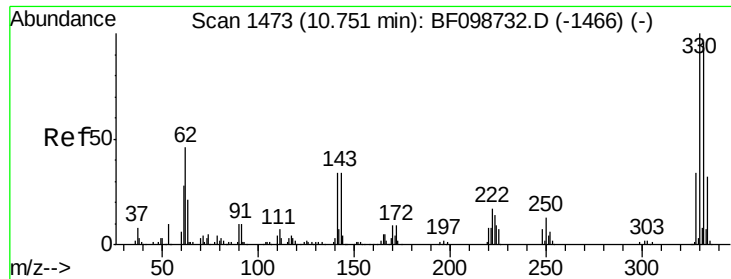
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Tgt Ion: 164 Resp: 213804
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 44.6 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

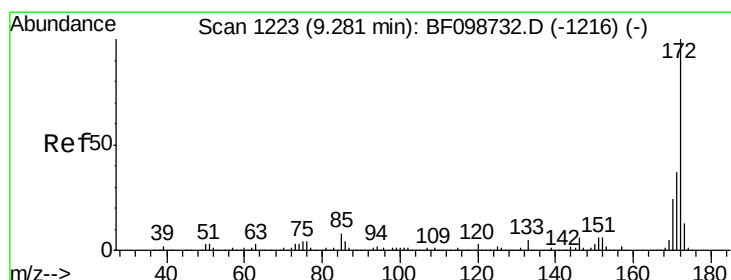
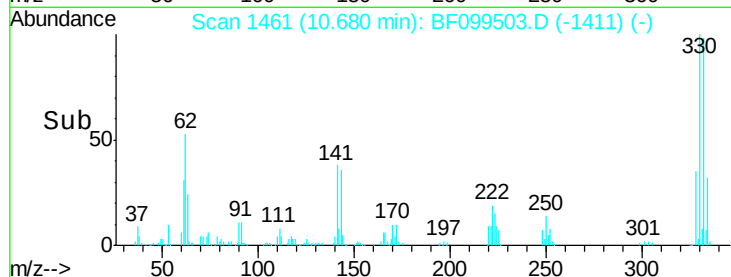
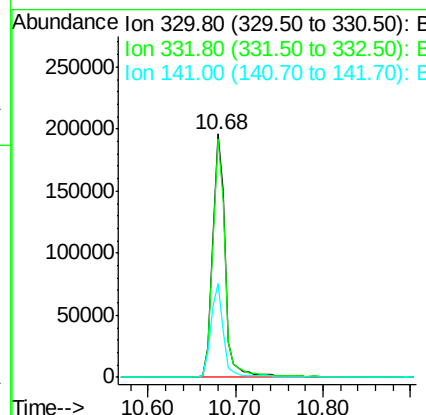
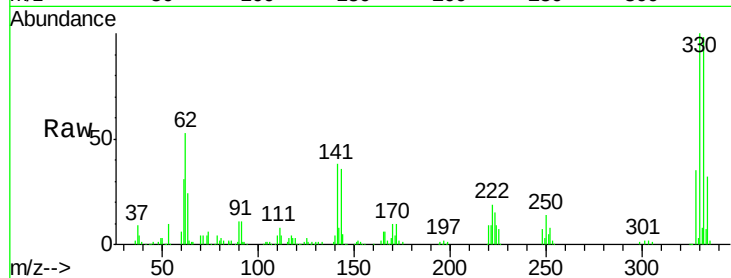




#41
 2,4,6-Tribromophenol
 Concen: 113.28 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

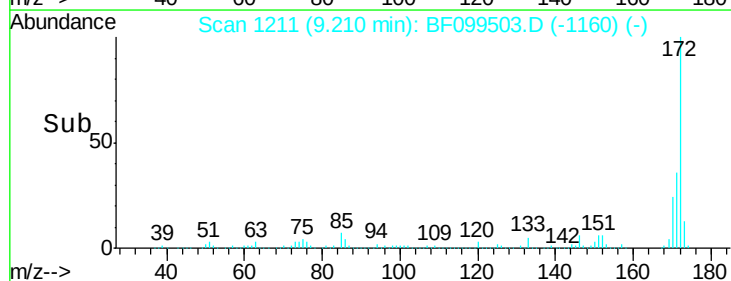
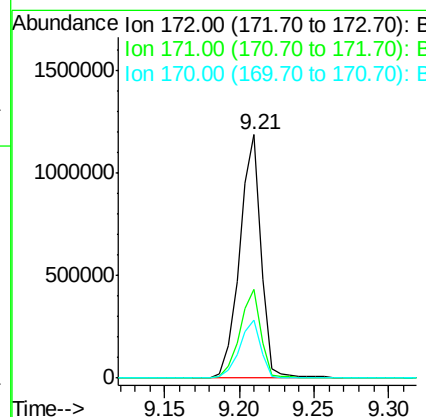
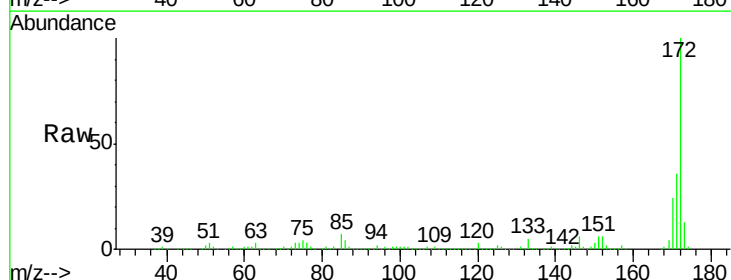
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

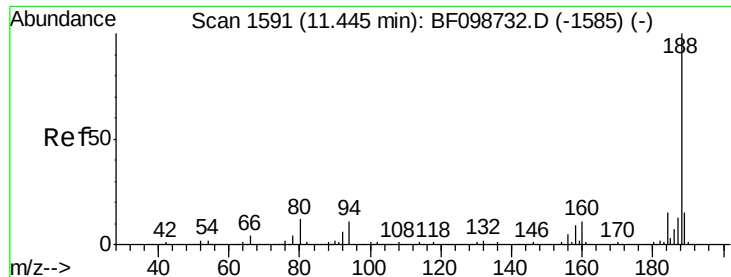
Tgt Ion:330 Resp: 198177
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 93.32 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Tgt Ion:172 Resp: 1195214
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 19.6 29.4

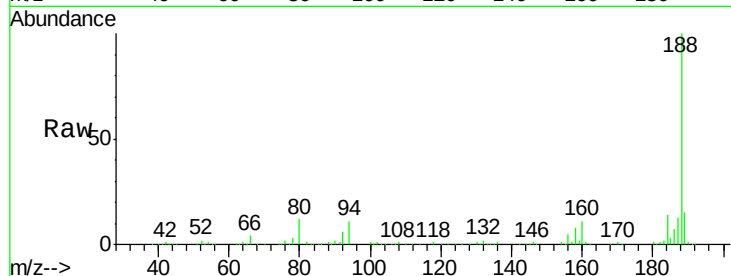




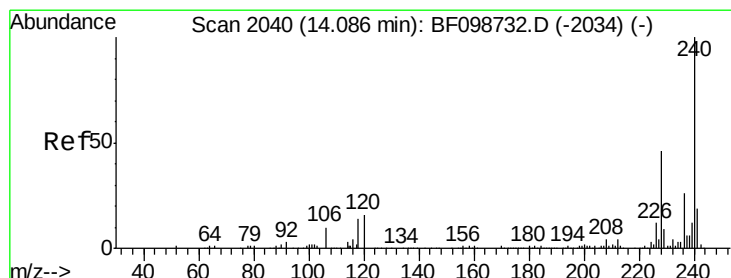
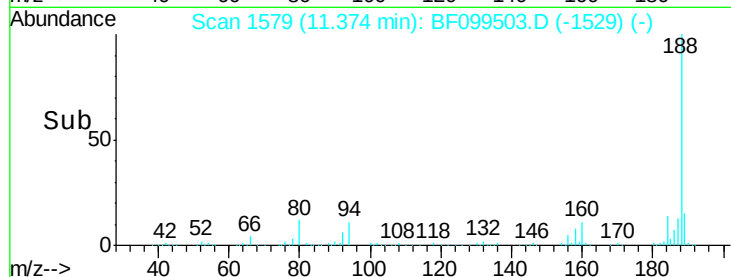
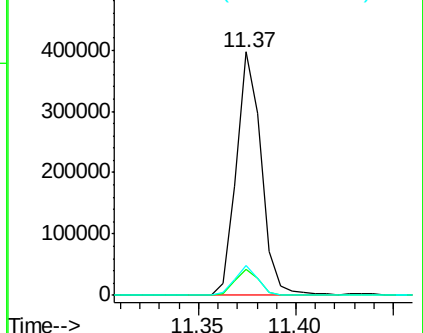
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Instrument :
BNA_F
ClientSampleId :
OK-03-101117

Tgt Ion:188 Resp: 351649
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.3 9.2 13.8

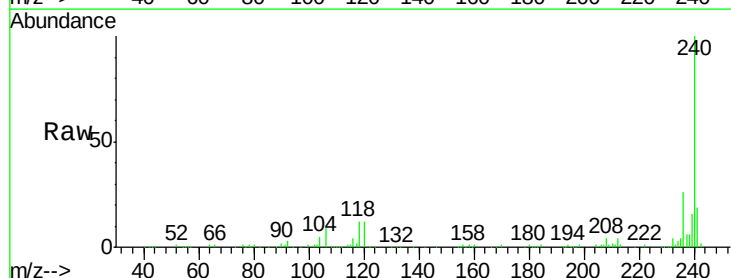


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

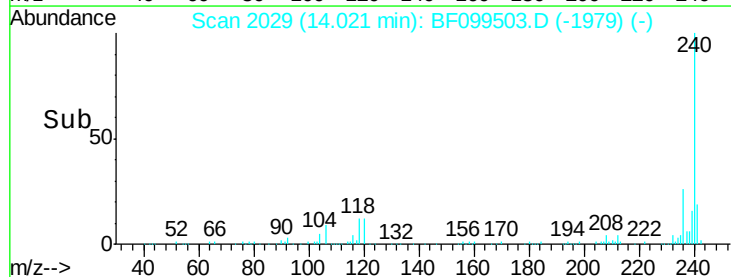
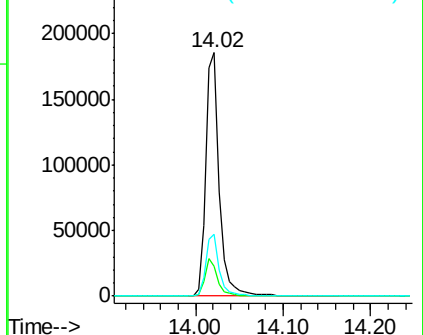


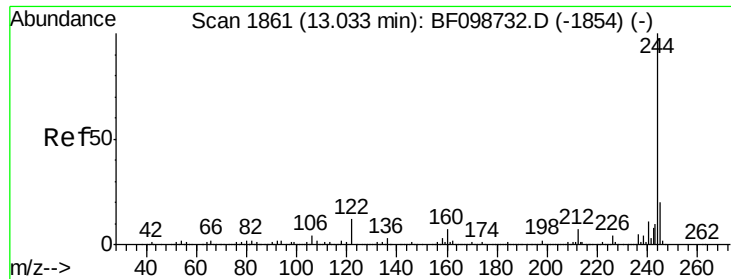
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099503.D
Acq: 15 Oct 2017 4:04

Tgt Ion:240 Resp: 198468
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.6 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

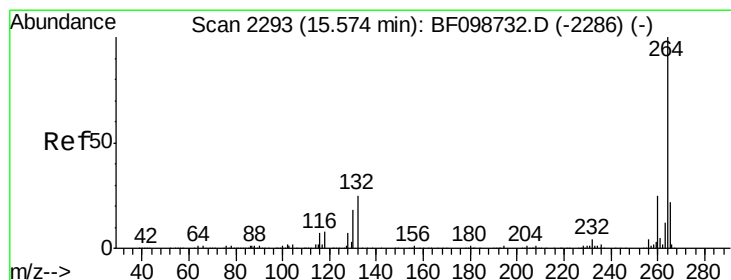
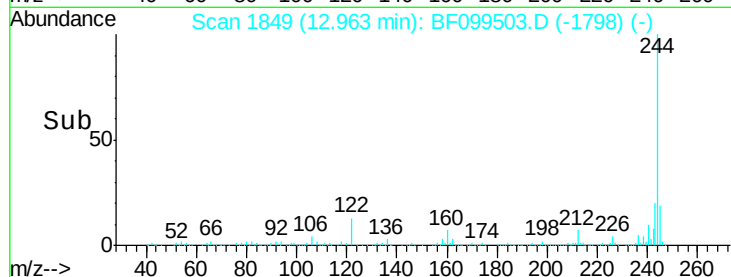
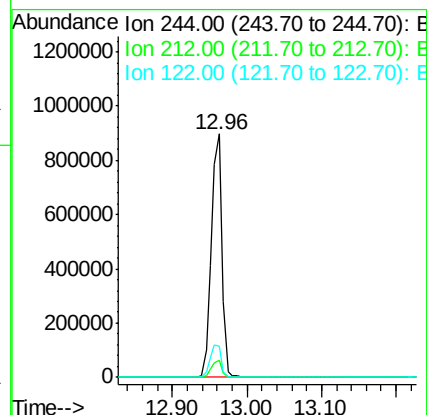
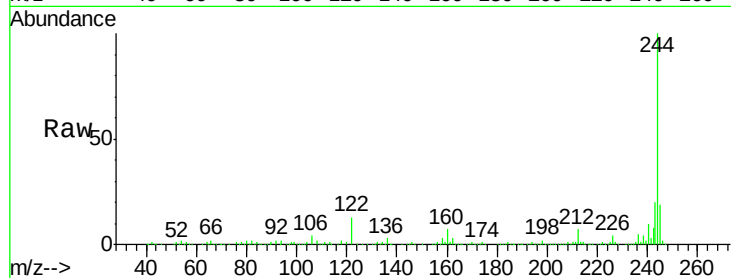




#78
 Terphenyl-d14
 Concen: 102.67 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Tgt Ion:244 Resp: 895967
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099503.D
 Acq: 15 Oct 2017 4:04

Tgt Ion:264 Resp: 198960
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.3 17.5 26.3

