

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091088.D
 Acq On : 8 Nov 2016 18:07
 Operator : UM/SJ
 Sample : H5581-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Quant Time: Nov 09 02:21:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181255	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	749101	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	384551	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	647988	20.00	ng	0.00
75) Chrysene-d12	13.80	240	528871	20.00	ng	-0.01
86) Perylene-d12	15.19	264	384822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	673569	61.37	ng	0.00
7) Phenol-d6	6.30	99	540059	36.25	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1246103	90.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	496375	142.78	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2026740	90.74	ng	-0.01
78) Terphenyl-d14	12.76	244	2123986	100.22	ng	0.00

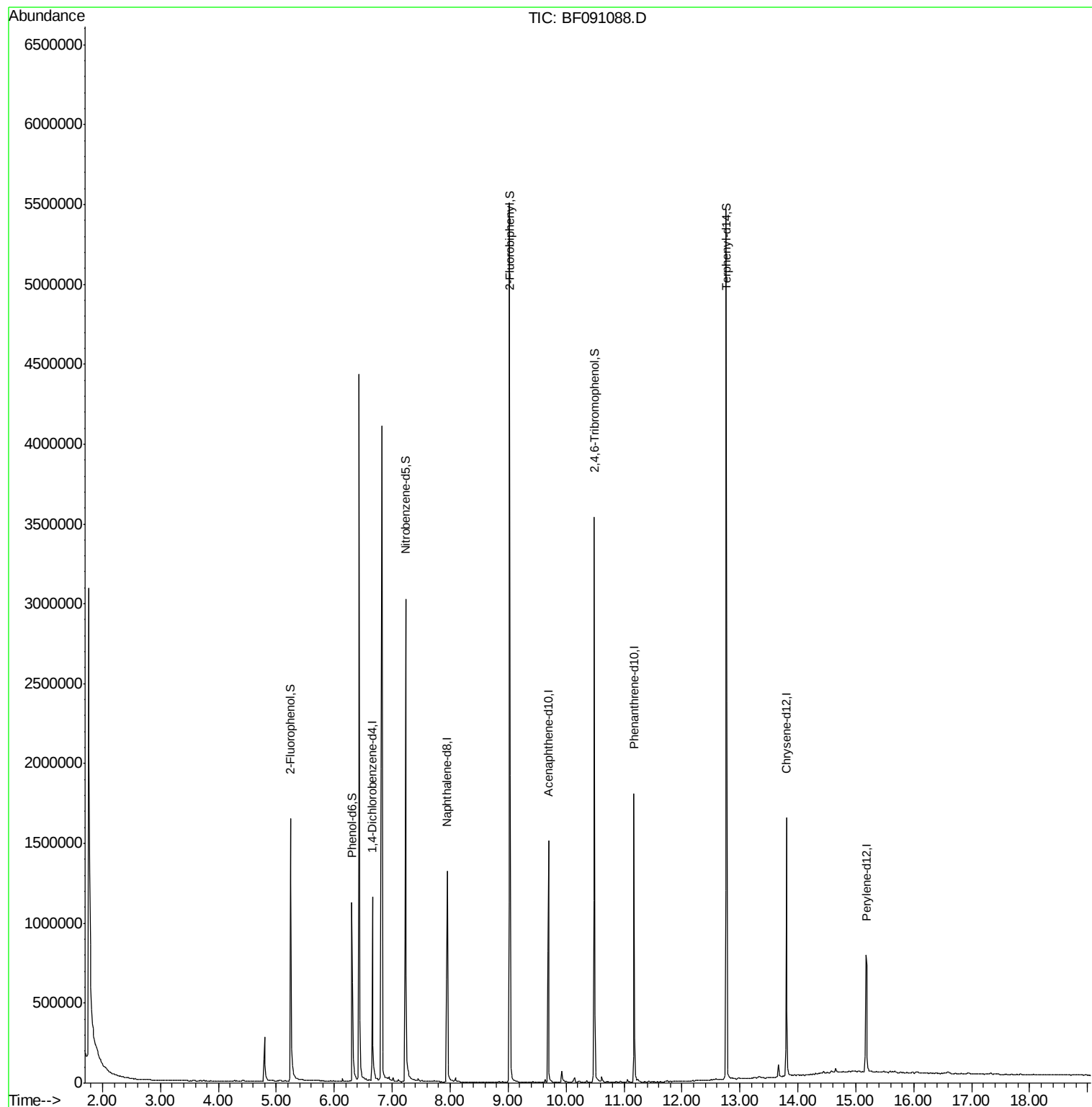
Target Compounds Qvalue

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

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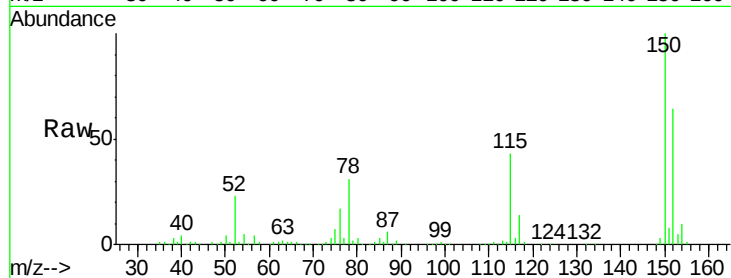


#1

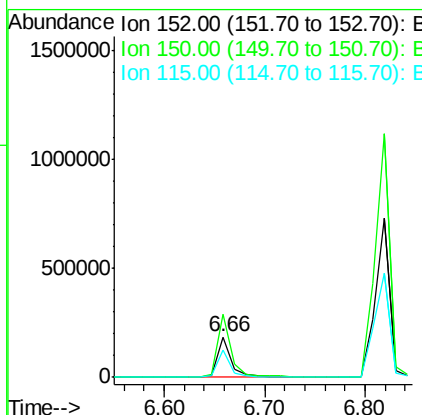
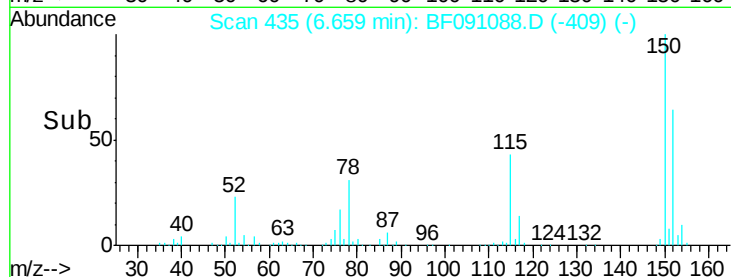
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Instrument :
BNA_F
ClientSampled :
ERM4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.8	190.2
115	68.0	53.3	79.9



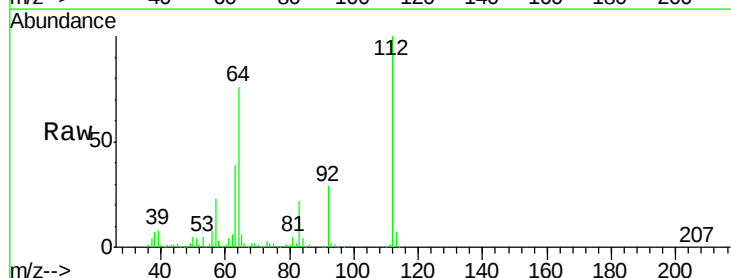
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



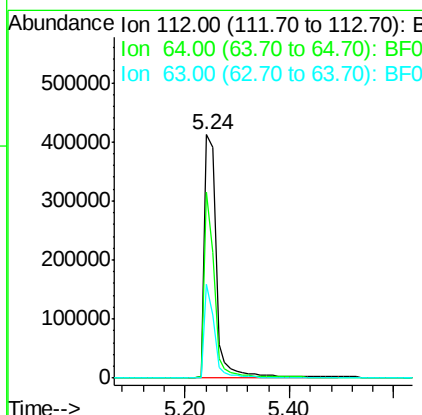
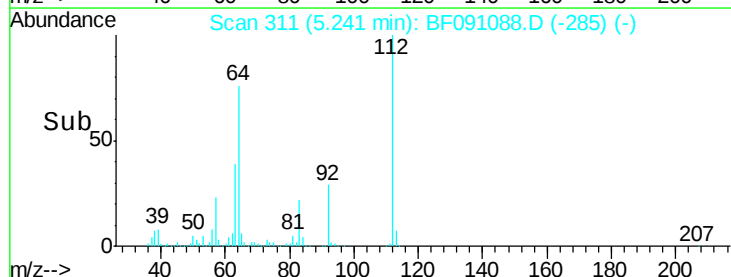
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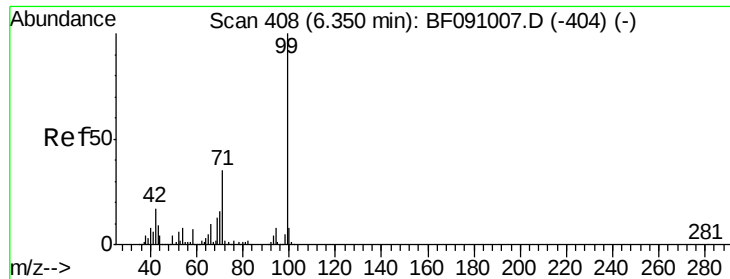
2-Fluorophenol
Concen: 61.37 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	55.8	83.6
63	38.6	28.0	42.0



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: 36.25 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091088.D

Acq: 8 Nov 2016 18:07

Instrument :

BNA_F

ClientSampled :

ERM4

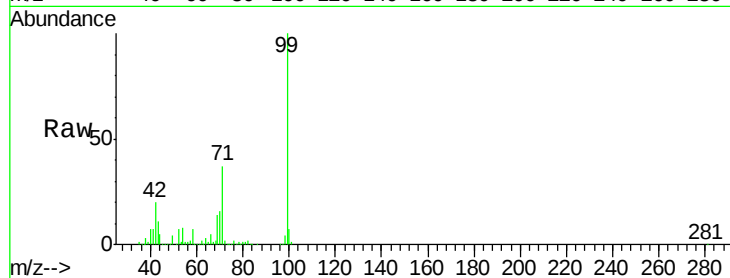
Tot Ion: 99 Resp: 540059

Ion Ratio Lower Upper

99 100

42 19.9 13.9 20.9

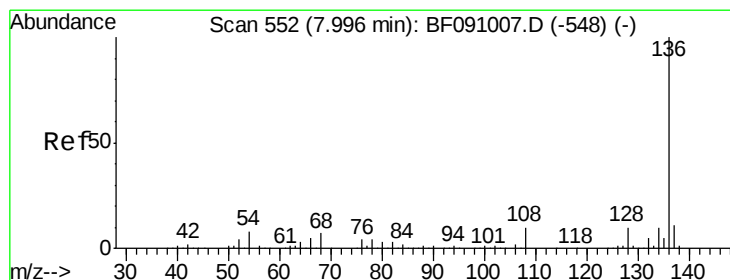
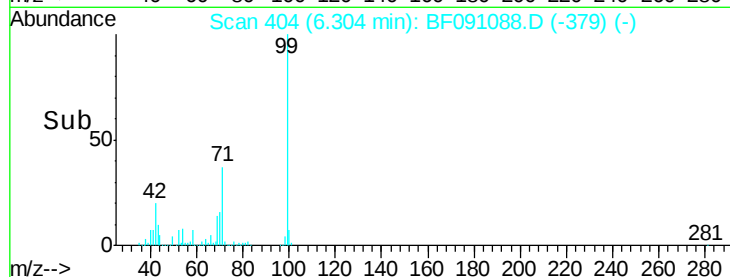
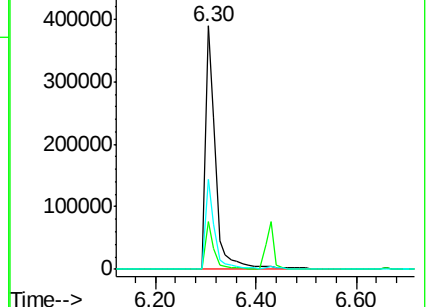
71 36.8 27.8 41.8



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: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091088.D

Acq: 8 Nov 2016 18:07

Tgt Ion: 136 Resp: 749101

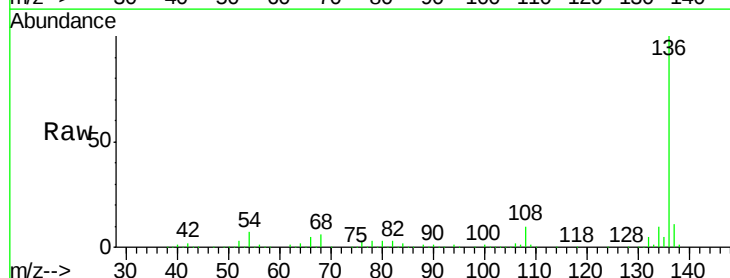
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.2 9.2

68 5.7 5.5 8.3

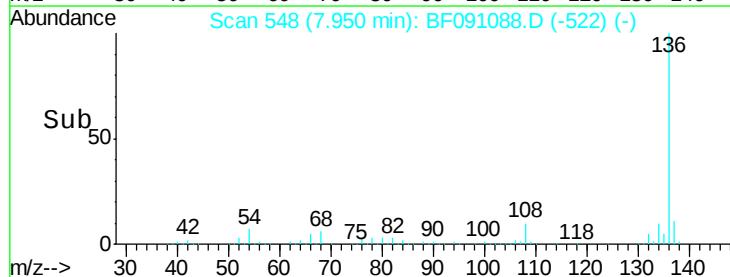
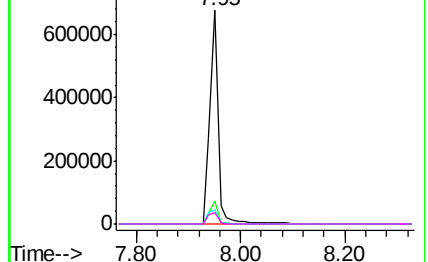


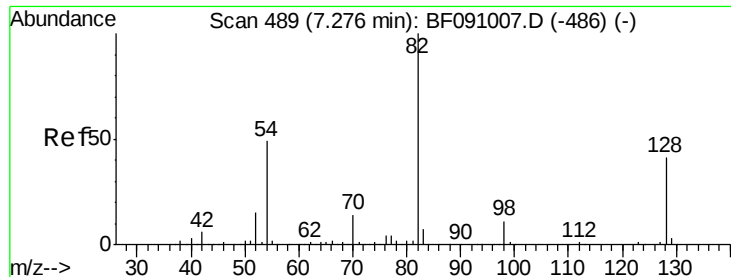
Abundance Ion 136.00 (135.70 to 136.70): E

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

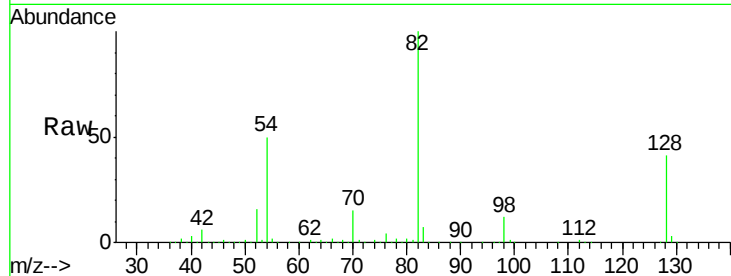




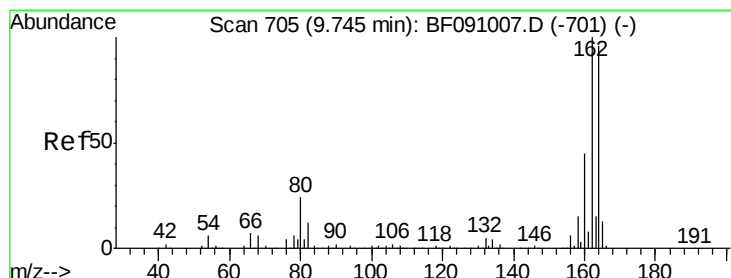
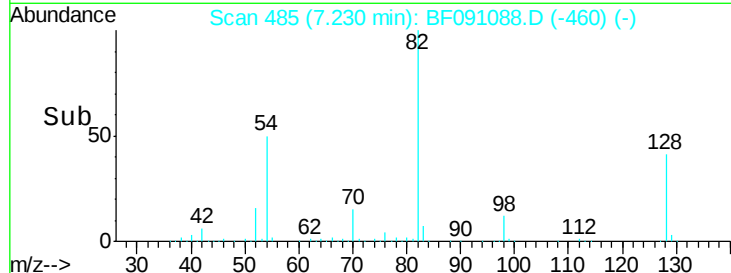
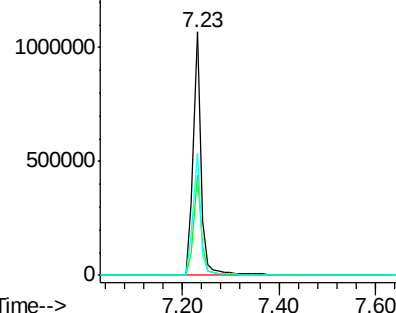
#23
 Nitrobenzene-d5
 Concen: 90.74 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091088.D
 Acq: 8 Nov 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Tot Ion: 82 Resp: 1246103
 Ion Ratio Lower Upper
 82 100
 128 41.2 32.4 48.6
 54 50.4 39.2 58.8

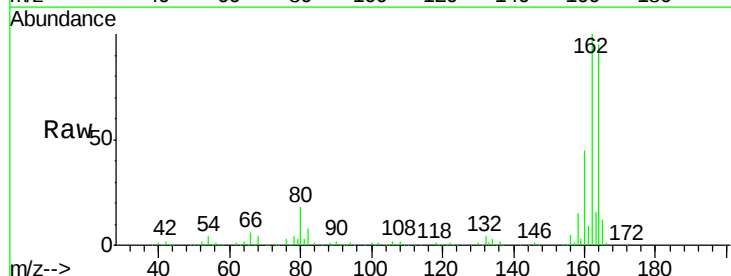


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

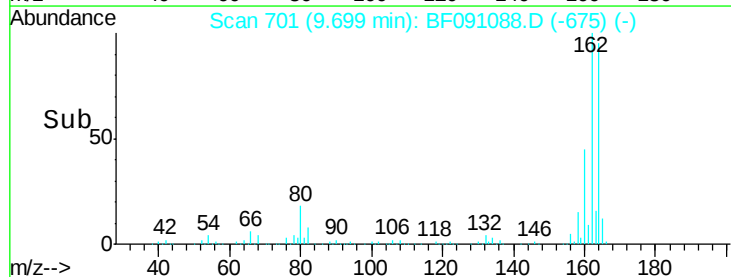
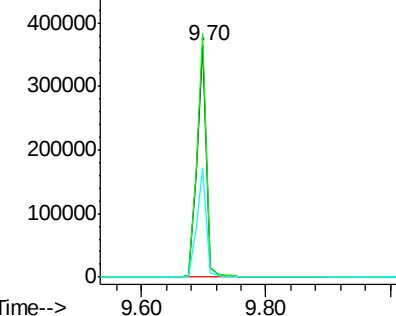


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF091088.D
 Acq: 8 Nov 2016 18:07

Tgt Ion:164 Resp: 384551
 Ion Ratio Lower Upper
 164 100
 162 104.9 83.6 125.4
 160 47.3 37.9 56.9



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

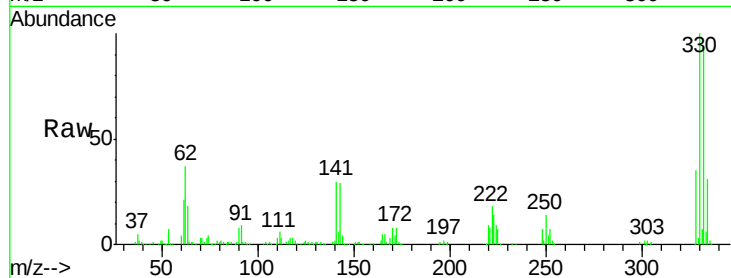




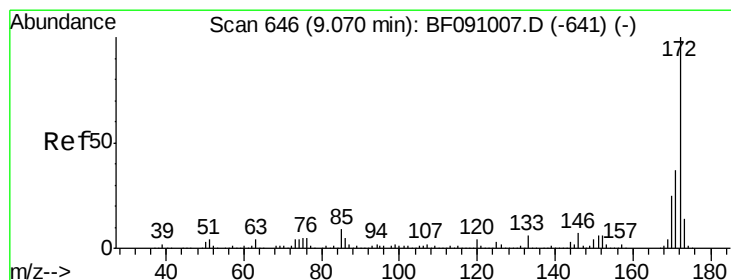
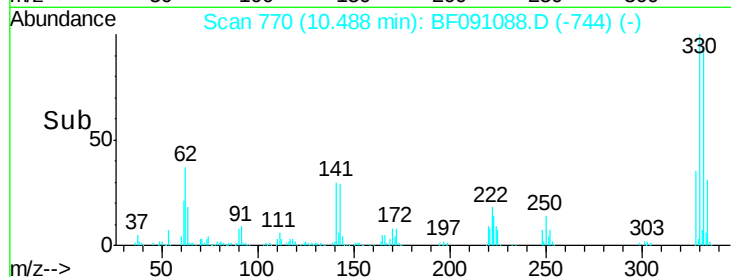
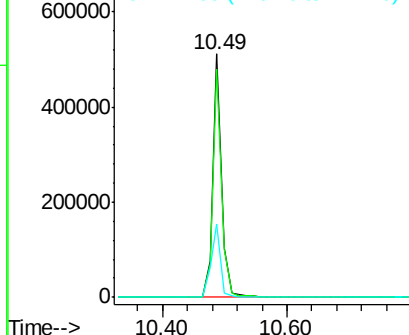
#41
 2,4,6-Tribromophenol
 Concen: 142.78 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091088.D
 Acq: 8 Nov 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Tot Ion:330 Resp: 496375
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.9 113.9
 141 33.3 36.1 54.1#

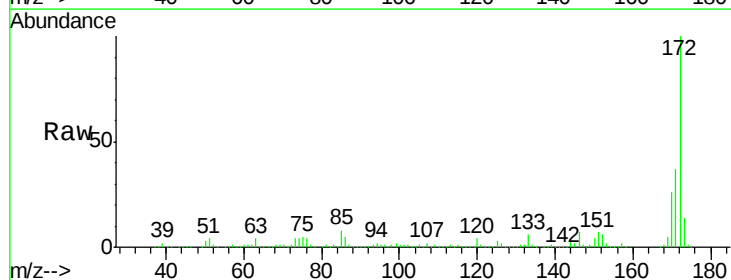


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

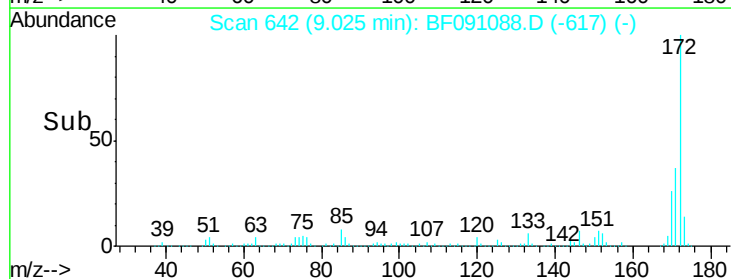
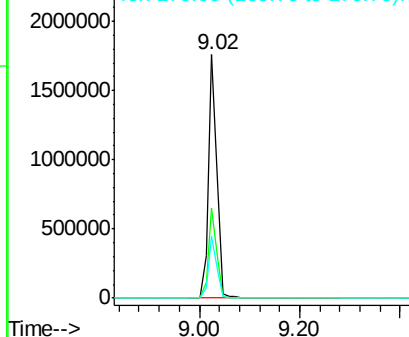


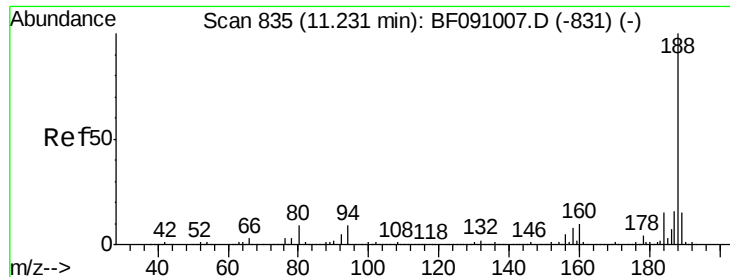
#44
 2-Fluorobiphenyl
 Concen: 90.74 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091088.D
 Acq: 8 Nov 2016 18:07

Tgt Ion:172 Resp: 2026740
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.5 20.3 30.5



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

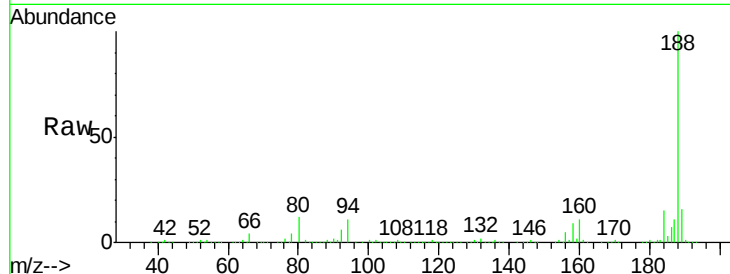




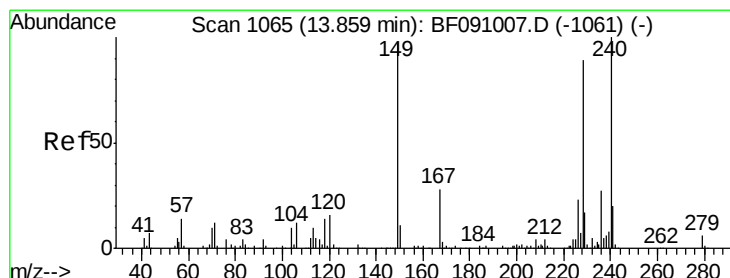
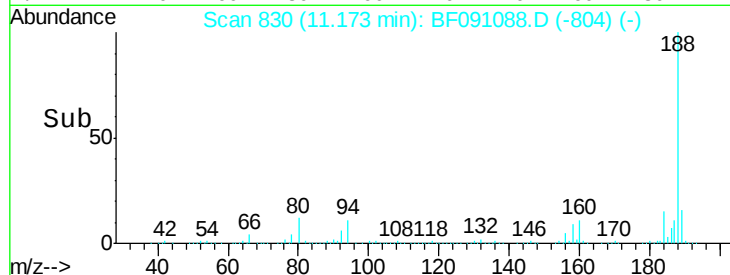
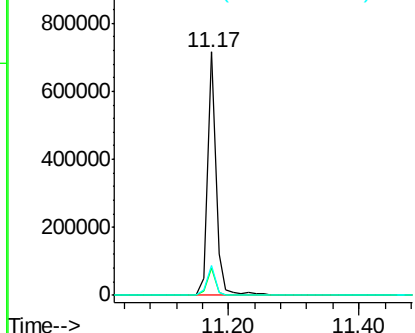
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Instrument :
BNA_F
ClientSampleId :
ERM4

Tot Ion:188 Resp: 647988
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 12.1 7.5 11.3#

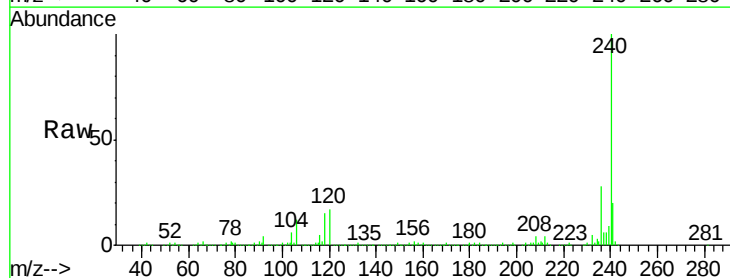


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

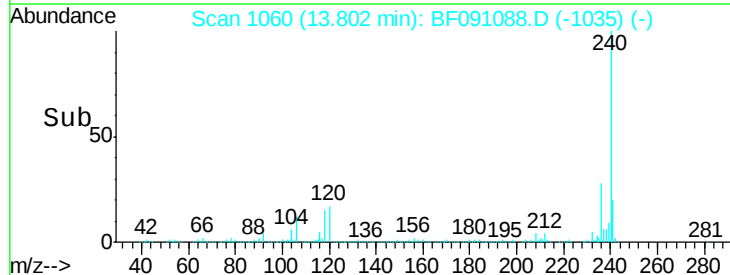
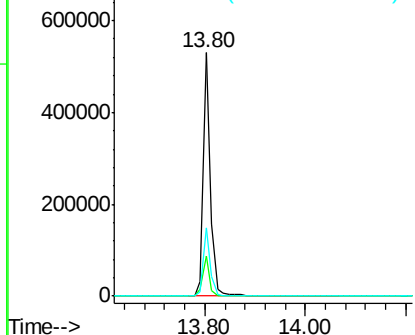


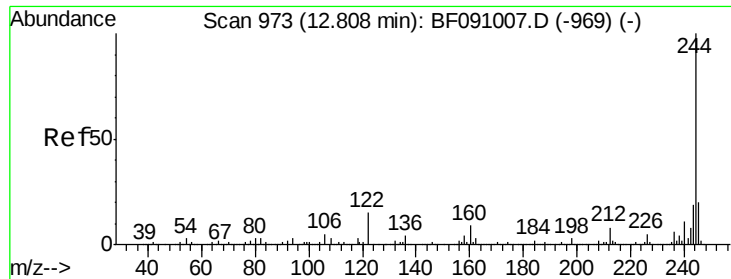
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091088.D
Acq: 8 Nov 2016 18:07

Tgt Ion:240 Resp: 528871
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 28.1 21.9 32.9



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

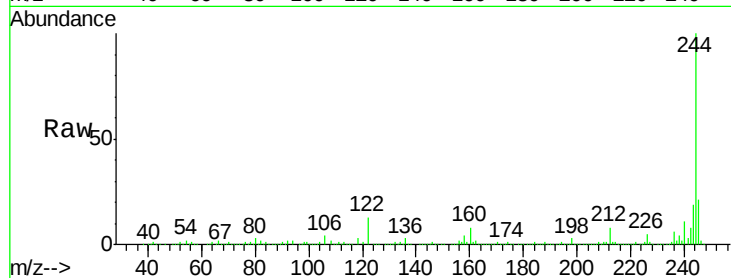




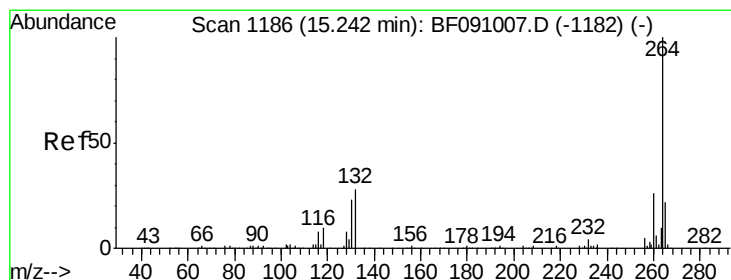
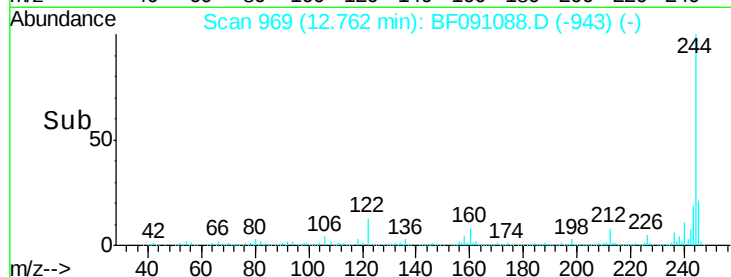
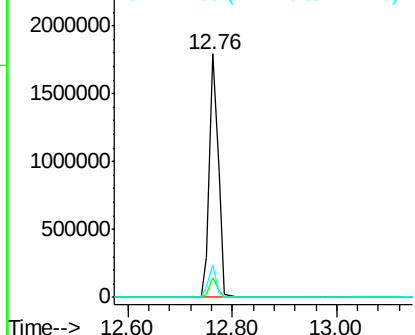
#78
 Terphenyl-d14
 Concen: 100.22 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091088.D
 Acq: 8 Nov 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 ERM4

Tot Ion:244 Resp: 2123986
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.4 12.3 18.5

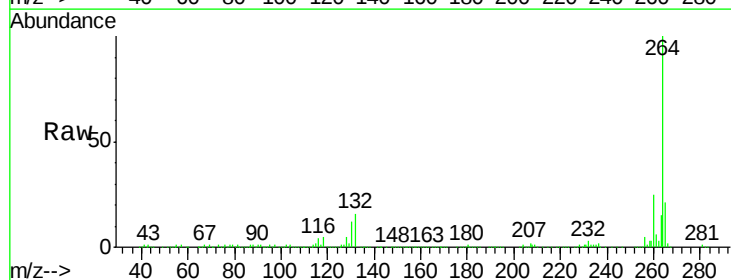


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF091088.D
 Acq: 8 Nov 2016 18:07

Tgt Ion:264 Resp: 384822
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 21.2 17.8 26.8



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

