

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085942.D
 Acq On : 31 Mar 2016 22:14
 Operator : UM/SJ
 Sample : H1976-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 01 00:29:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111899	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	427149	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	188257	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	317501	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	201417	20.00	ng	-0.02
86) Perylene-d12	15.36	264	203153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	626775	93.28	ng	-0.01
7) Phenol-d6	6.42	99	597313	69.92	ng	-0.02
23) Nitrobenzene-d5	7.36	82	779724	102.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	243301	136.02	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1176244	104.39	ng	-0.01
78) Terphenyl-d14	12.89	244	839990	85.77	ng	-0.01

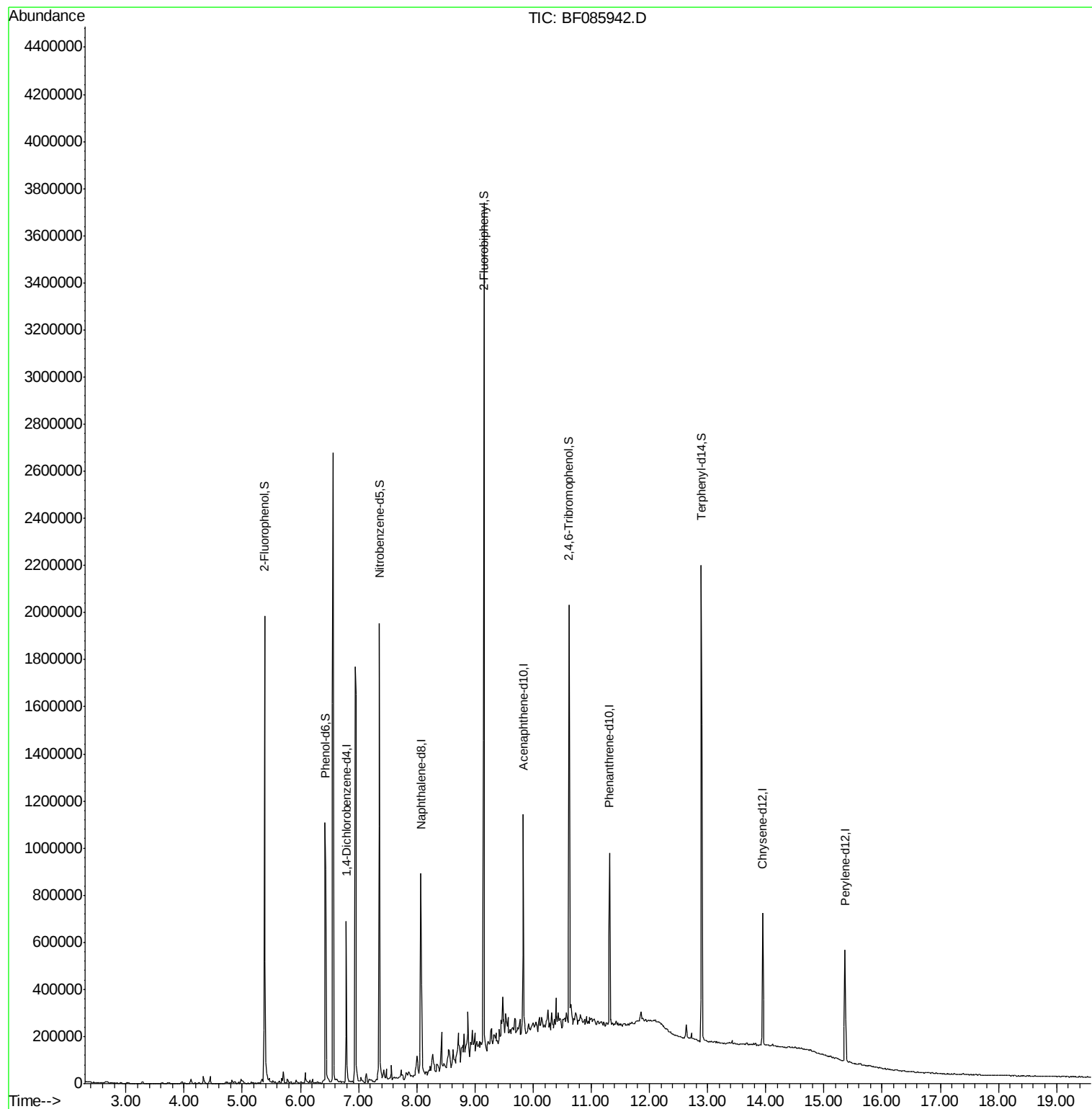
Target Compounds	Qvalue
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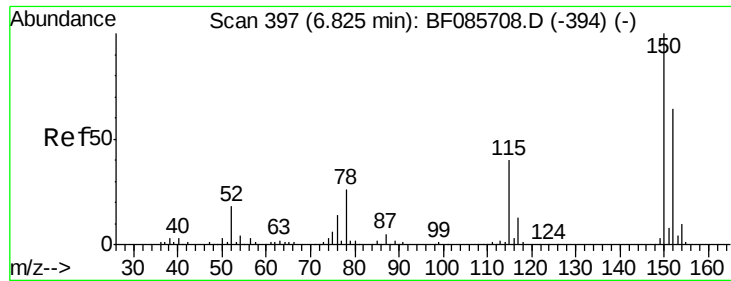
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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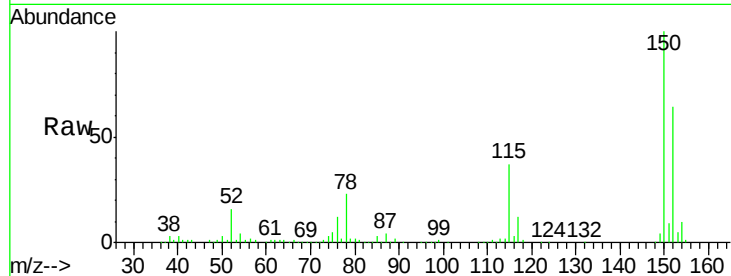


#1

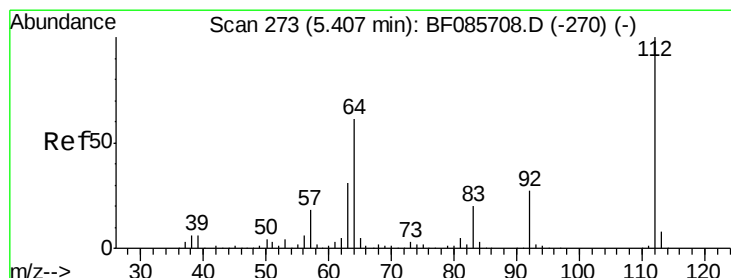
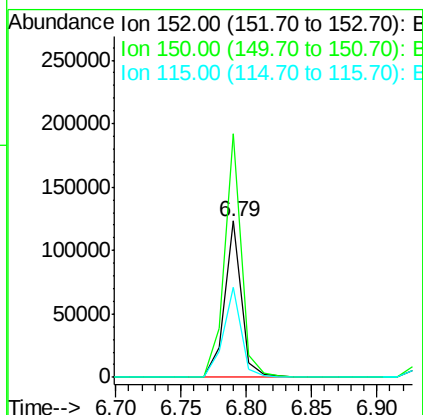
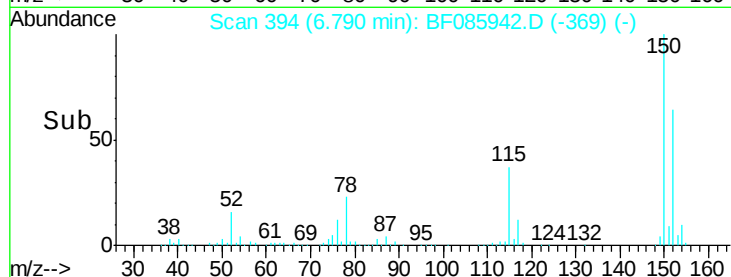
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 111899
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.2 186.2
 115 57.8 47.0 70.6



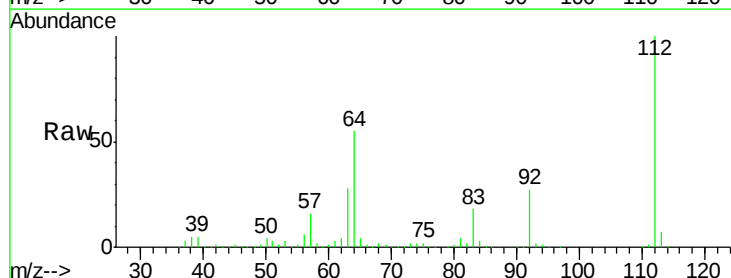
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



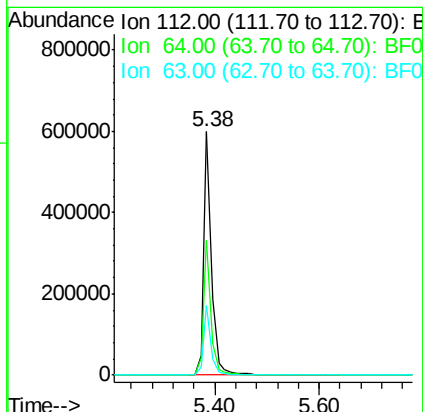
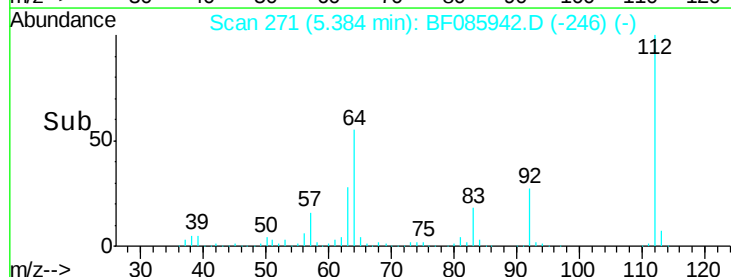
#5

2-Fluorophenol
 Concen: 93.28 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion:112 Resp: 626775
 Ion Ratio Lower Upper
 112 100
 64 55.4 39.9 59.9
 63 28.4 20.2 30.2



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: 69.92 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Instrument :

BNA_F

ClientSampled :

MW-2

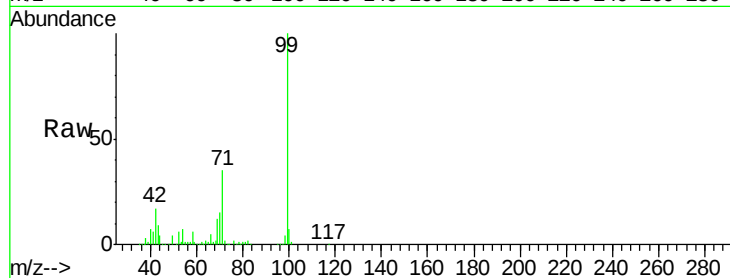
Tgt Ion: 99 Resp: 597313

Ion Ratio Lower Upper

99 100

42 17.4 11.1 16.7#

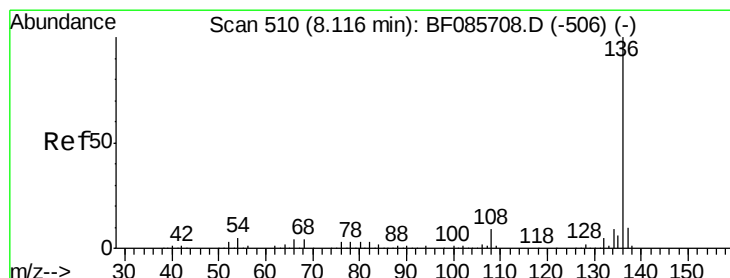
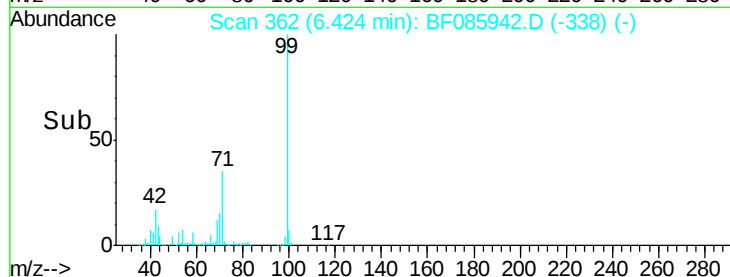
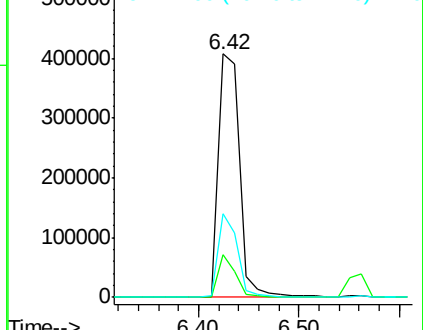
71 34.6 24.9 37.3



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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085942.D

Acq: 31 Mar 2016 22:14

Tgt Ion: 136 Resp: 427149

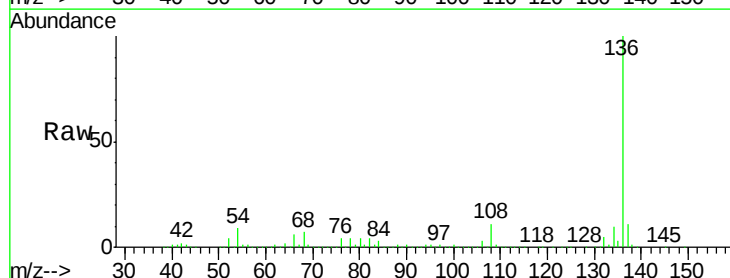
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 7.4 11.0

68 7.1 5.8 8.8

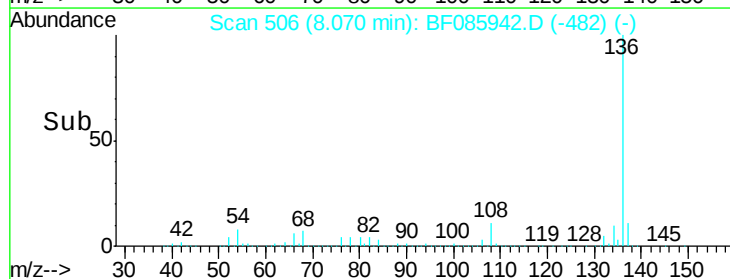
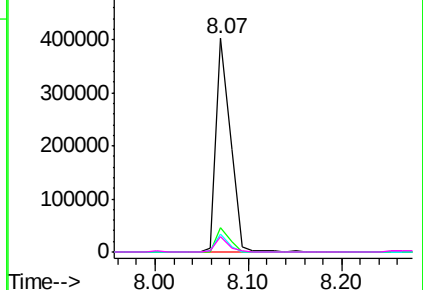


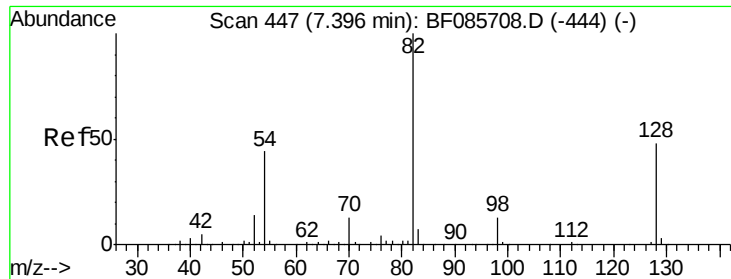
Abundance Ion 136.00 (135.70 to 136.70): E

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

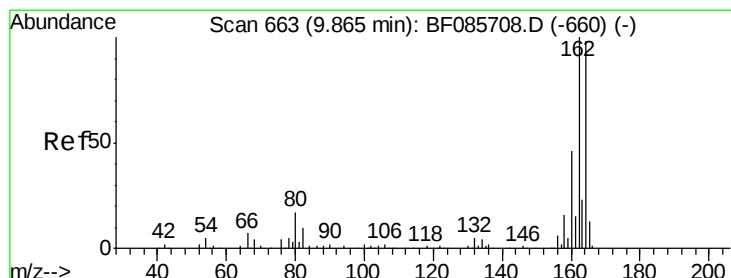
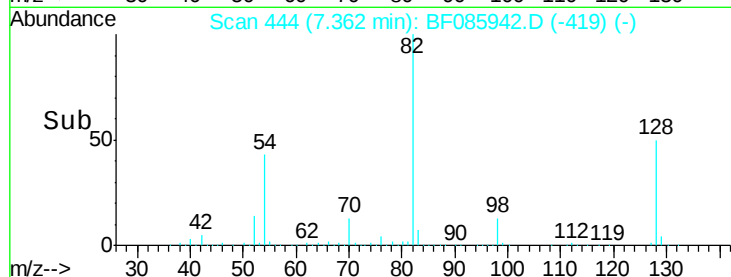
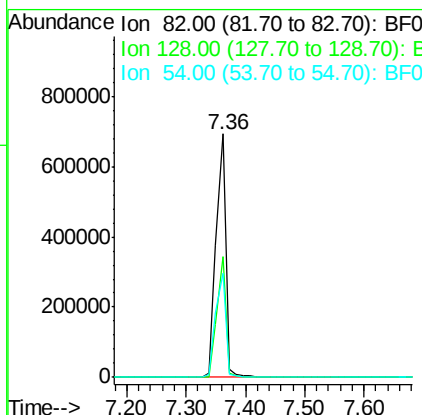
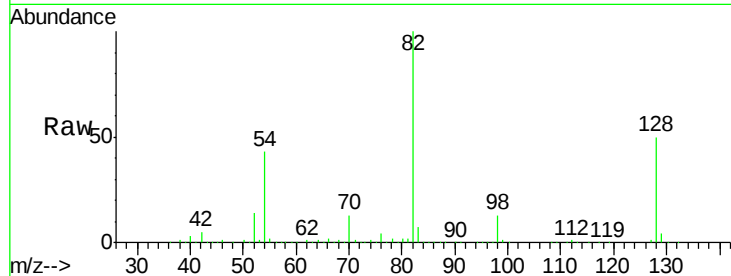




#23
 Nitrobenzene-d5
 Concen: 102.80 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

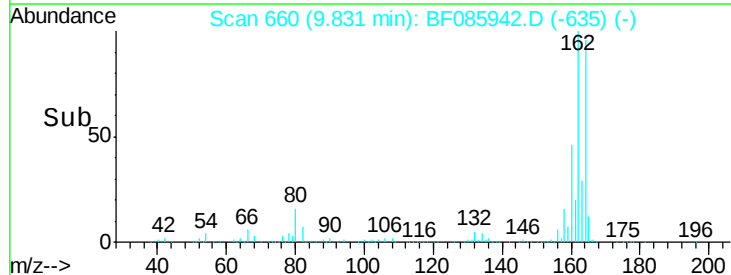
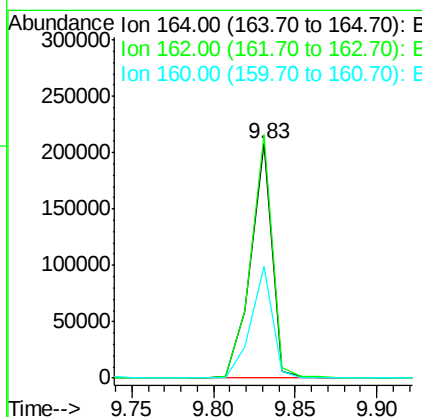
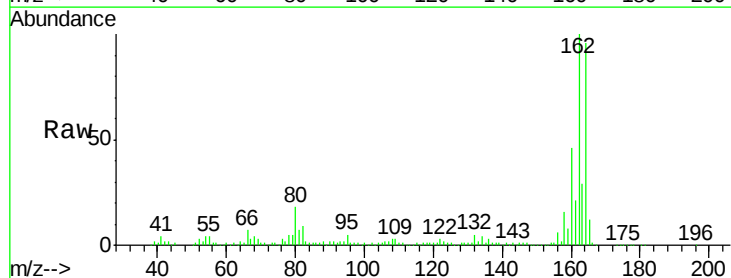
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

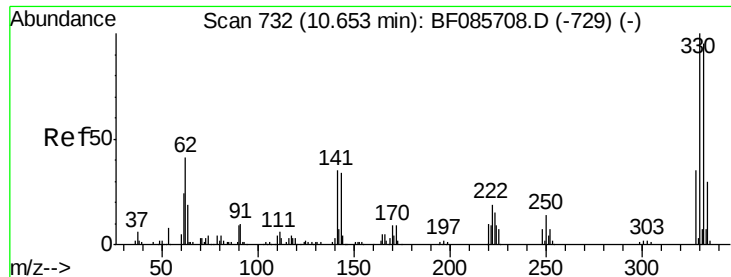
Tgt Ion: 82 Resp: 779724
 Ion Ratio Lower Upper
 82 100
 128 49.5 41.8 62.8
 54 42.6 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion: 164 Resp: 188257
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.1 123.1
 160 47.5 37.4 56.2

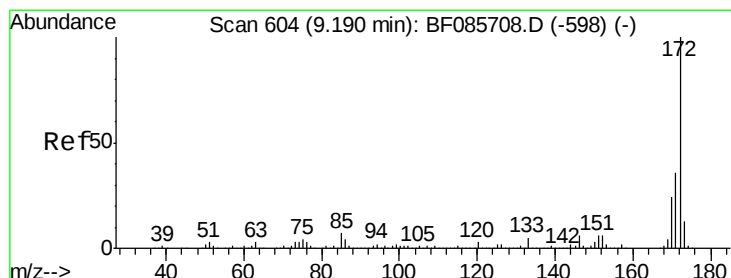
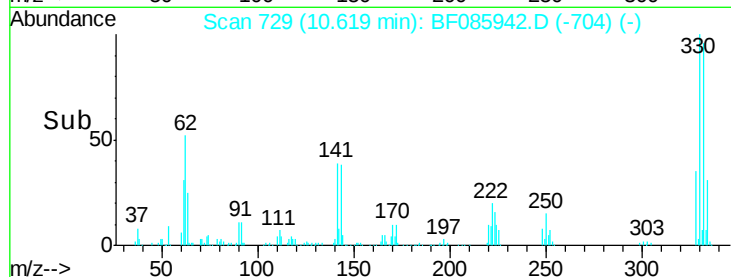
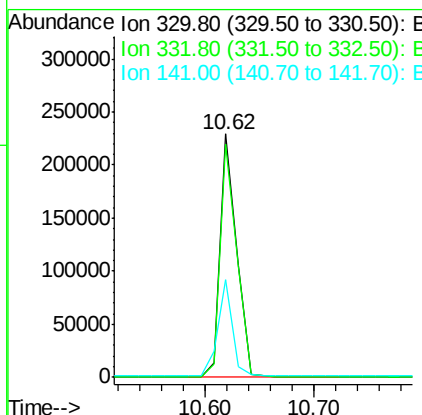
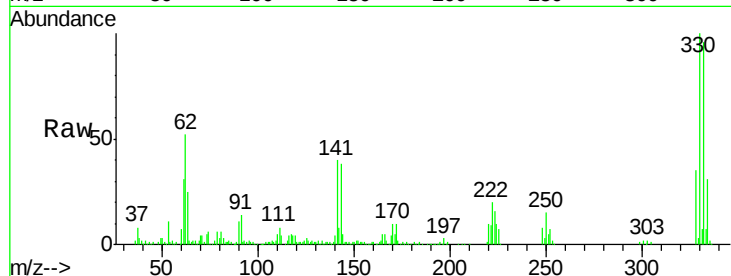




#41
 2,4,6-Tribromophenol
 Concen: 136.02 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

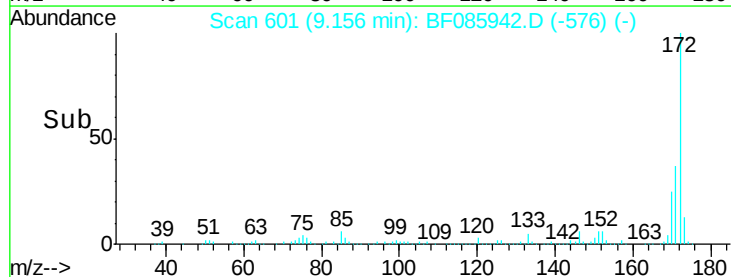
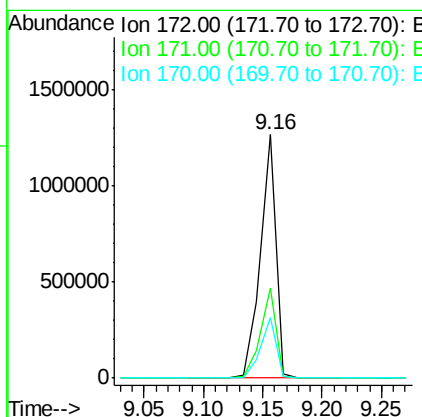
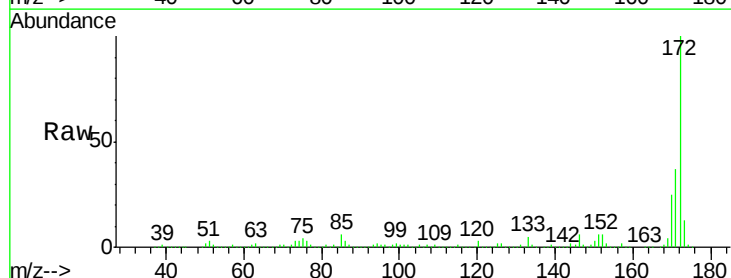
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

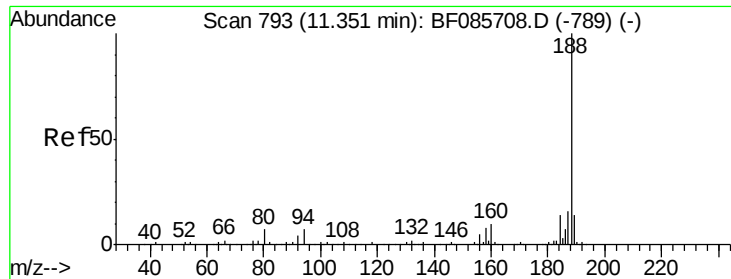
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	35.3	31.5	47.3



#44
 2-Fluorobiphenyl
 Concen: 104.39 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.7	19.8	29.6

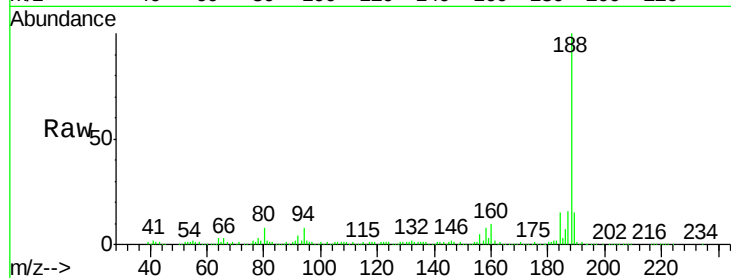




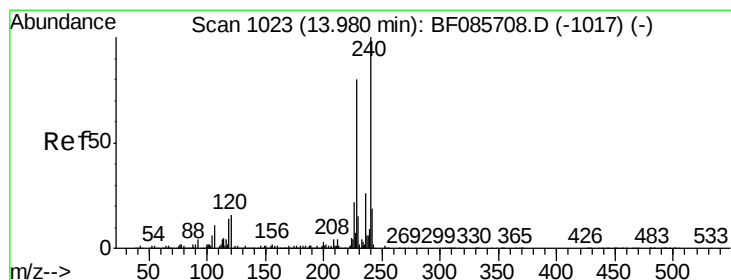
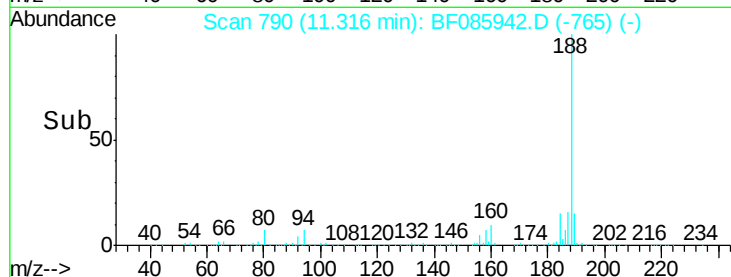
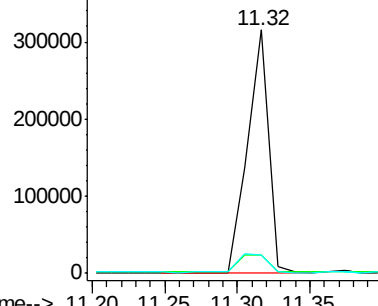
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 317501
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.6 5.5 8.3

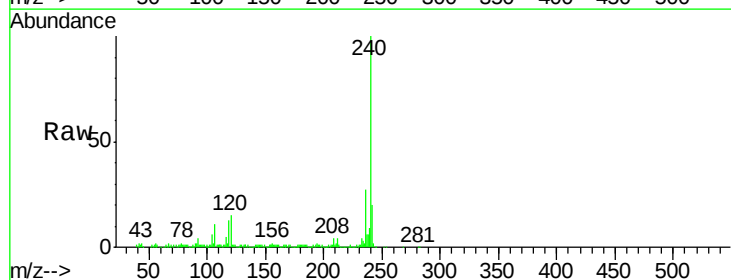


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

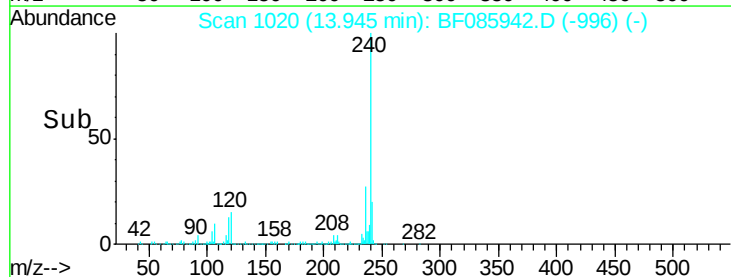
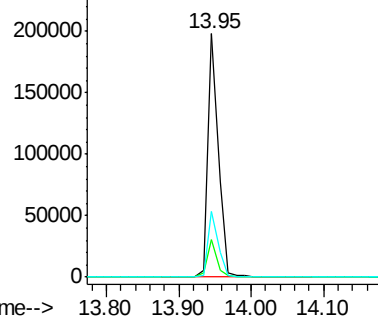


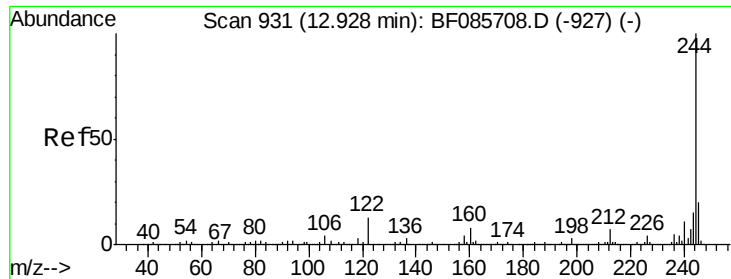
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085942.D
Acq: 31 Mar 2016 22:14

Tgt Ion:240 Resp: 201417
Ion Ratio Lower Upper
240 100
120 15.3 13.8 20.8
236 26.8 20.6 30.8



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

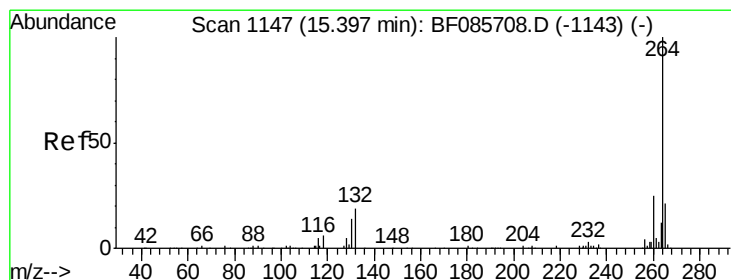
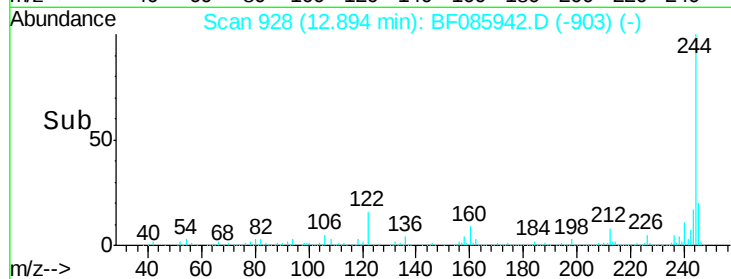
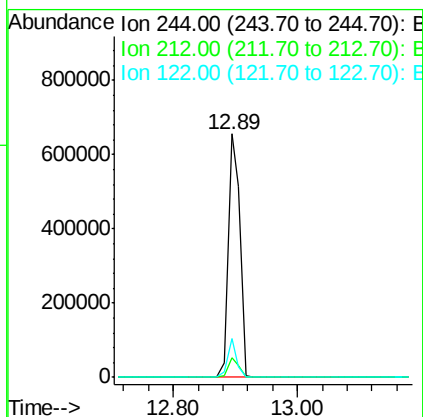
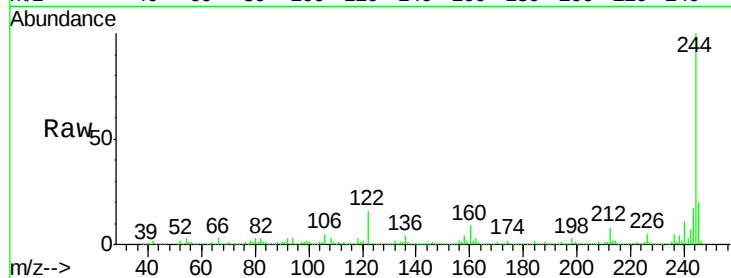




#78
 Terphenyl-d14
 Concen: 85.77 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 839990
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 16.1 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085942.D
 Acq: 31 Mar 2016 22:14

Tgt Ion:264 Resp: 203153
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.4 17.2 25.8

