

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087502.D
 Acq On : 29 May 2016 4:19
 Operator : UM/SJ
 Sample : H3272-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: May 30 04:24:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 04:10:04 2016
 Response via : Initial Calibration

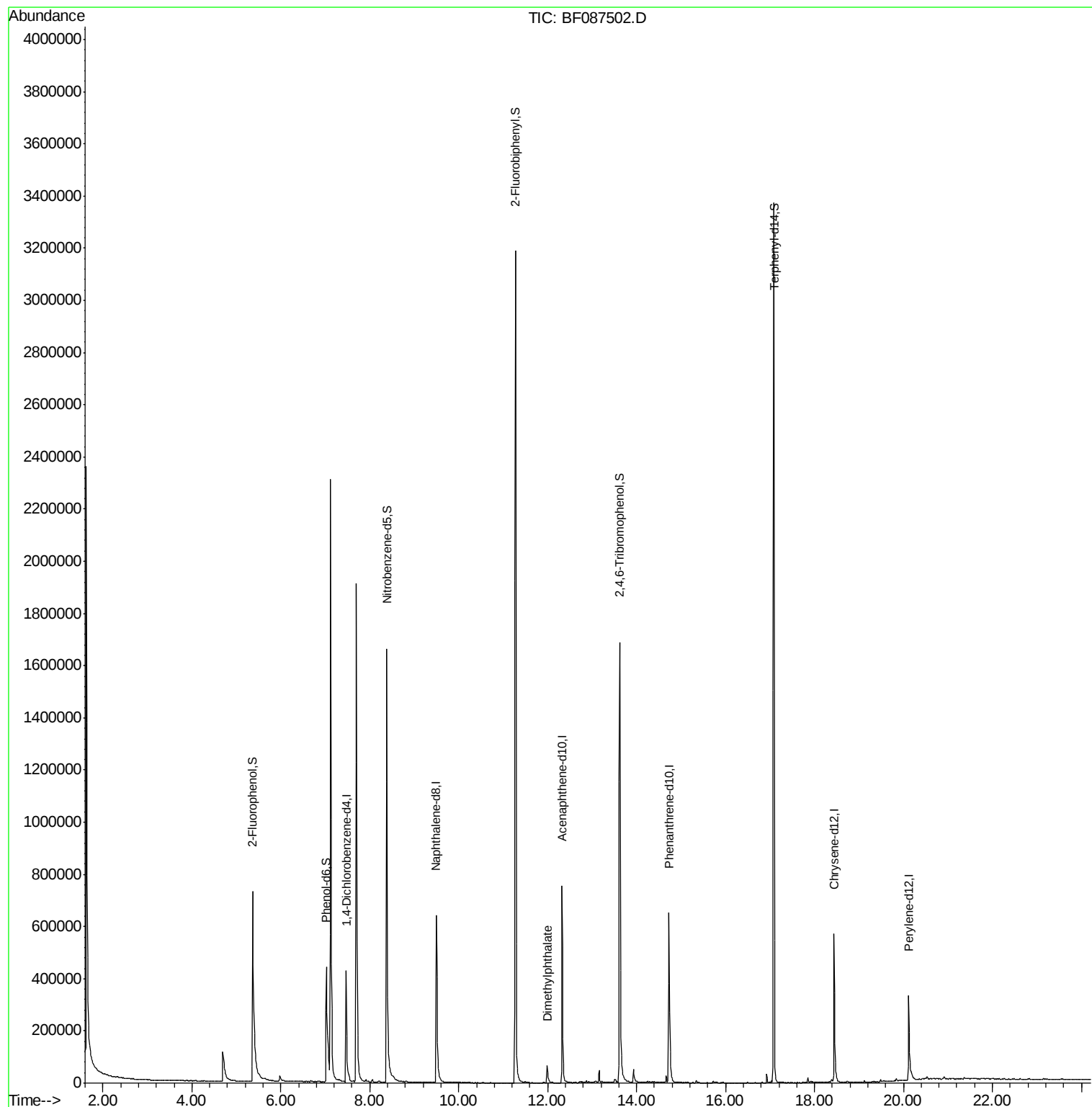
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	120404	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	480636	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	220095	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	417761	20.00	ng	0.00
75) Chrysene-d12	18.43	240	324280	20.00	ng	0.00
86) Perylene-d12	20.11	264	218692	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	399887	58.36	ng	0.01
7) Phenol-d6	7.03	99	357491	38.61	ng	-0.01
23) Nitrobenzene-d5	8.39	82	827384	86.76	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	275502	130.26	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1341094	85.90	ng	-0.01
78) Terphenyl-d14	17.09	244	1189059	77.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.99	163	62308	3.53	ng	Qvalue 99

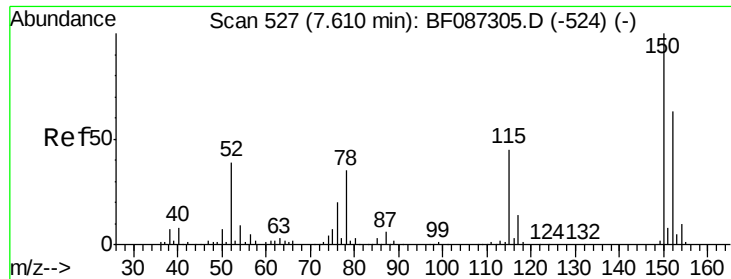
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

MW-7

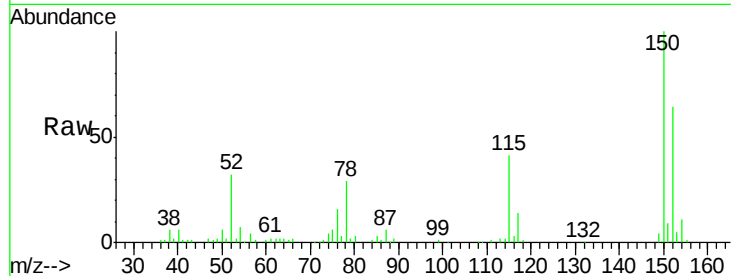
Tgt Ion:152 Resp: 120404

Ion Ratio Lower Upper

152 100

150 155.9 125.8 188.6

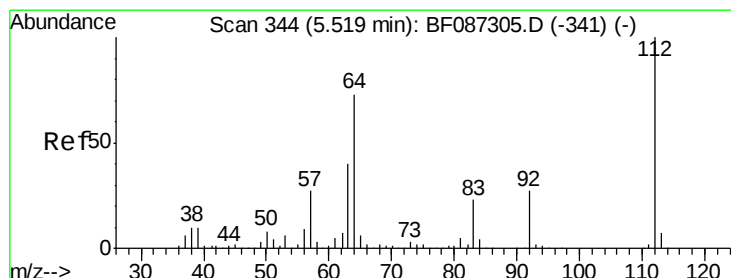
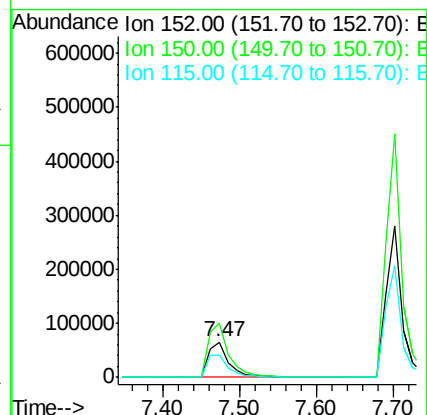
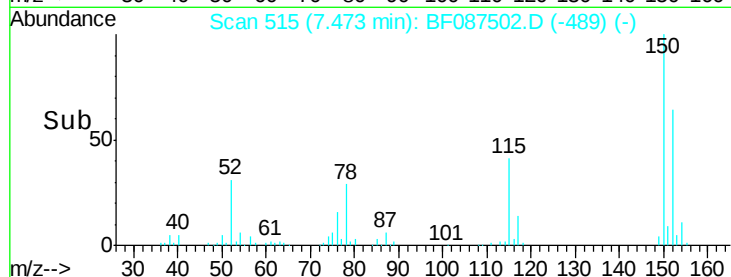
115 63.3 51.5 77.3



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: 58.36 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

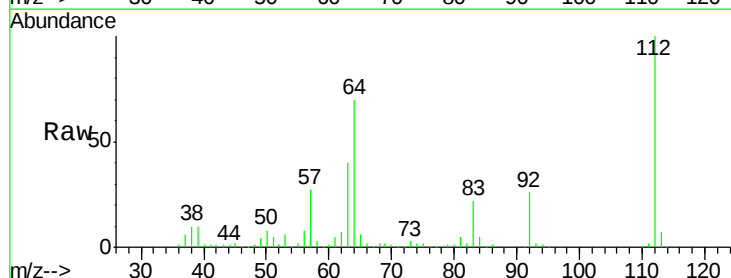
Tgt Ion:112 Resp: 399887

Ion Ratio Lower Upper

112 100

64 70.3 52.1 78.1

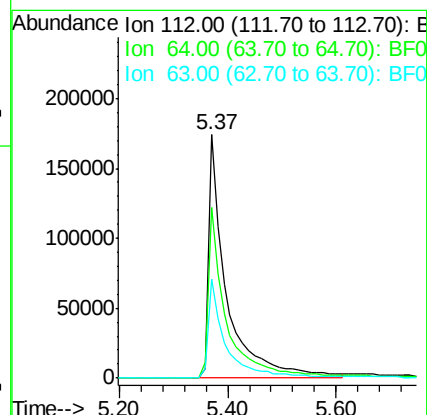
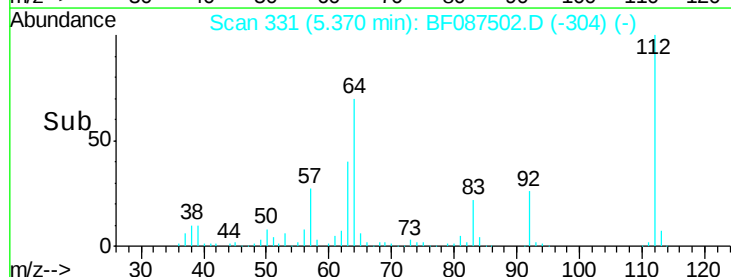
63 40.4 25.7 38.5#



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: 38.61 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

MW-7

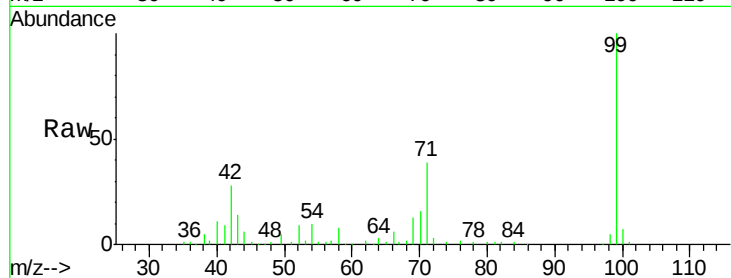
Tgt Ion: 99 Resp: 357491

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

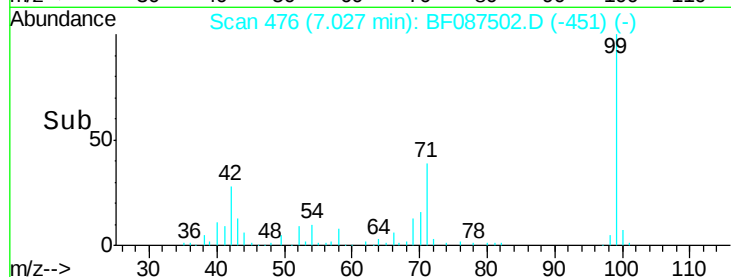
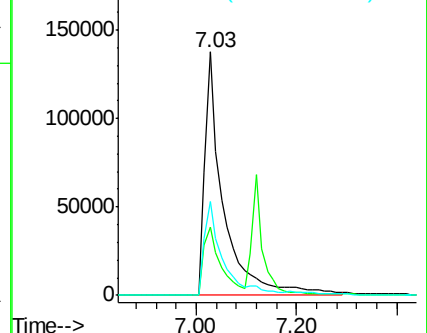
71 38.7 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

Tgt Ion: 136 Resp: 480636

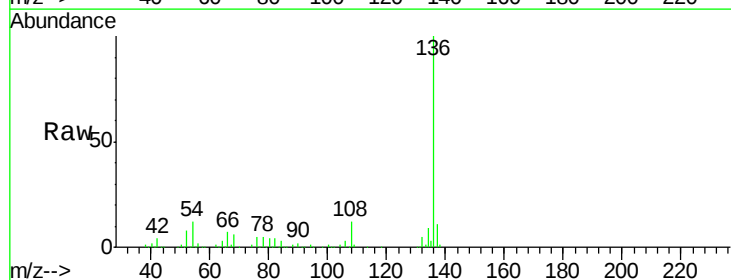
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 12.2 5.0 7.4#

68 6.0 4.4 6.6

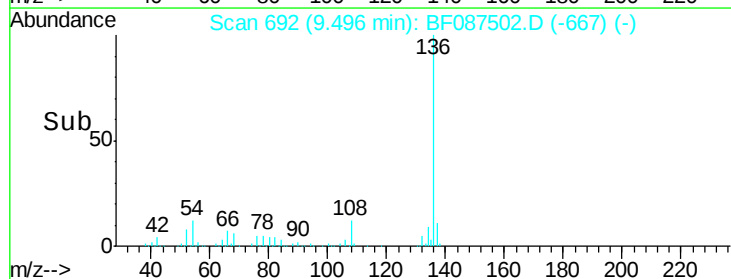
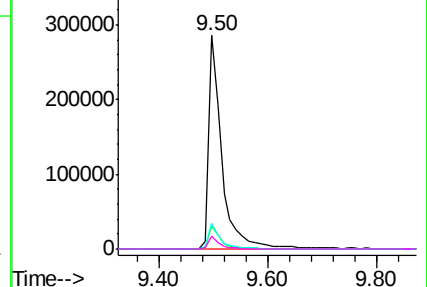


Abundance Ion 136.00 (135.70 to 136.70): E

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

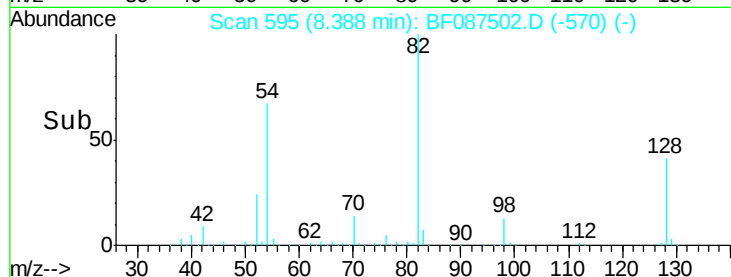
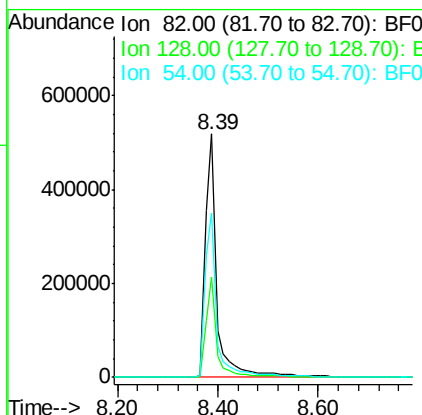
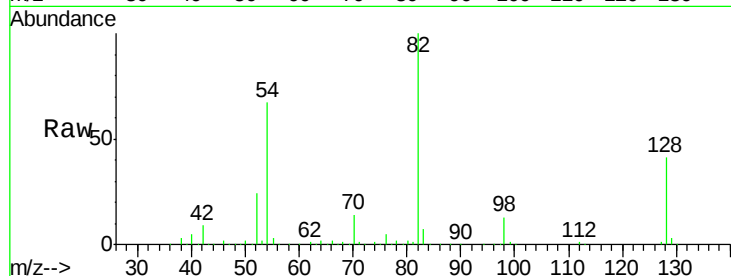




#23
 Nitrobenzene-d5
 Concen: 86.76 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087502.D
 Acq: 29 May 2016 4:19

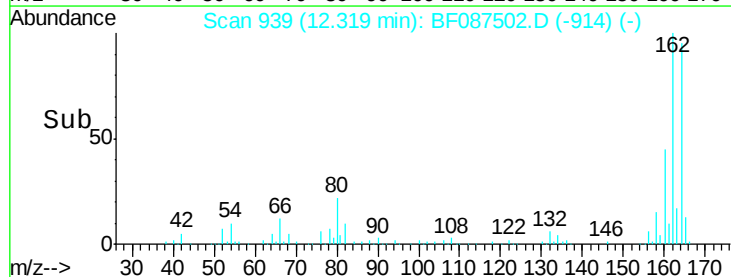
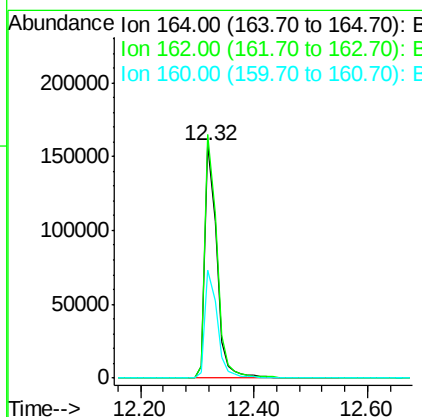
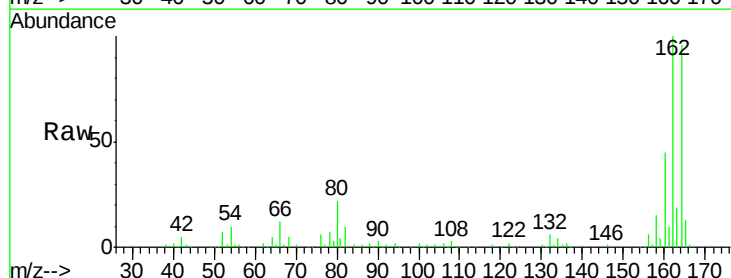
Instrument :
 BNA_F
 ClientSampleId :
 MW-7

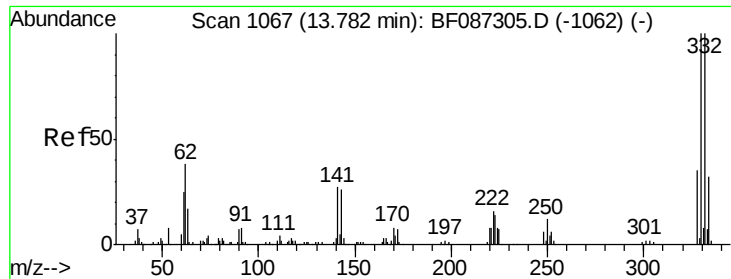
Tgt Ion: 82 Resp: 827384
 Ion Ratio Lower Upper
 82 100
 128 41.0 40.6 61.0
 54 67.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087502.D
 Acq: 29 May 2016 4:19

Tgt Ion: 164 Resp: 220095
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.8 124.2
 160 46.5 36.9 55.3

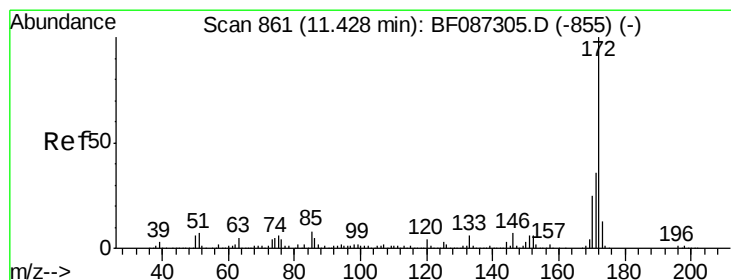
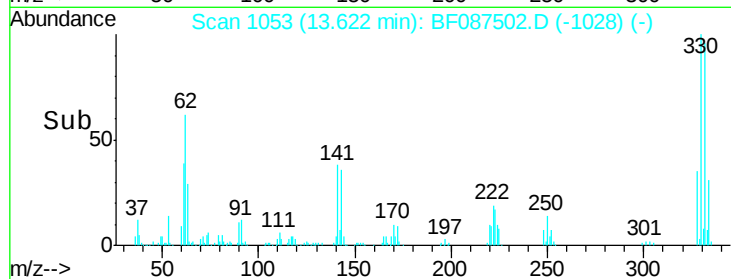
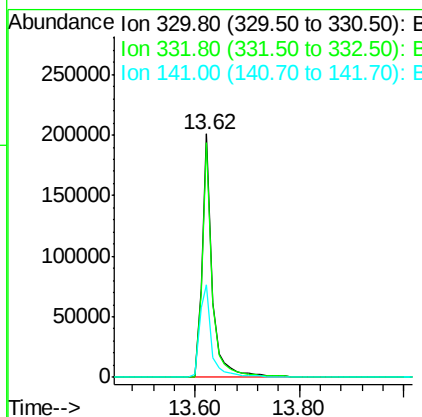
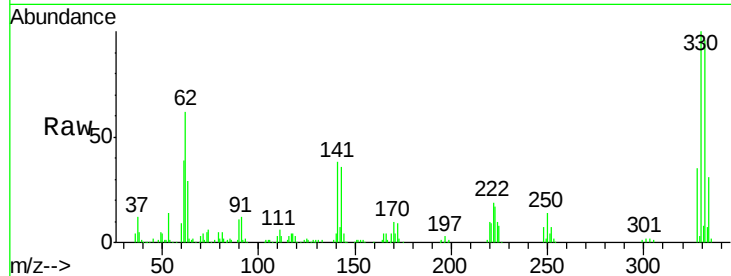




#41
 2,4,6-Tribromophenol
 Concen: 130.26 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087502.D
 Acq: 29 May 2016 4:19

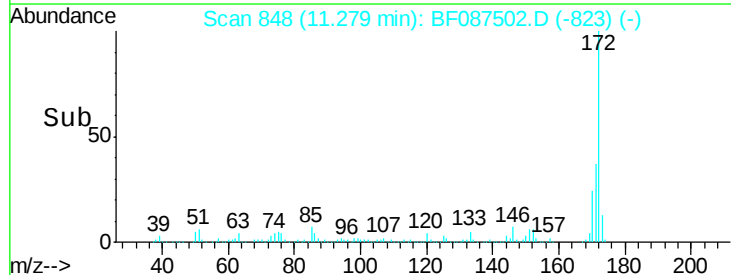
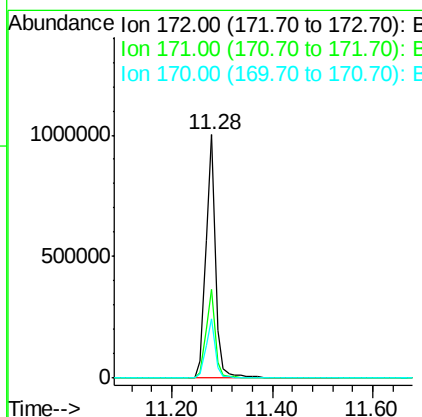
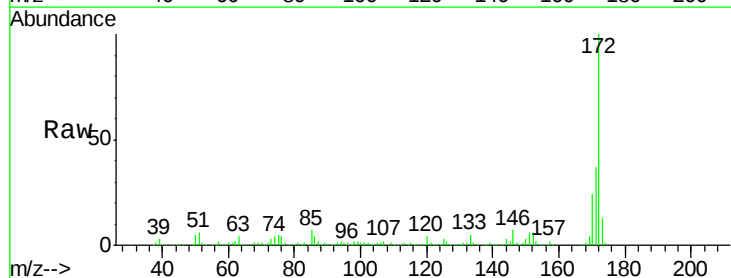
Instrument :
 BNA_F
 ClientSampled :
 MW-7

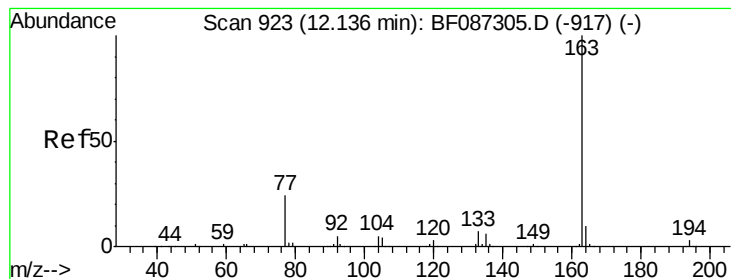
Tgt Ion:330 Resp: 275502
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 44.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 85.90 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087502.D
 Acq: 29 May 2016 4:19

Tgt Ion:172 Resp: 1341094
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.4 19.8 29.8





#49

Dimethylphthalate

Concen: 3.53 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

MW-7

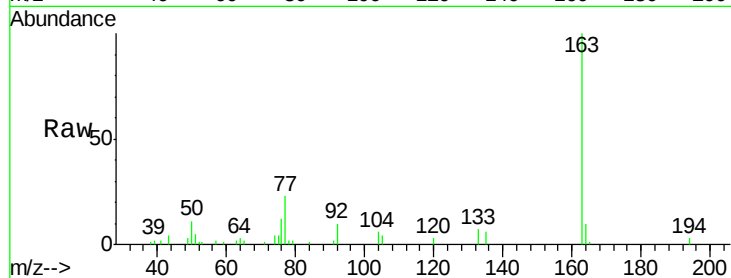
Tgt Ion:163 Resp: 62308

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

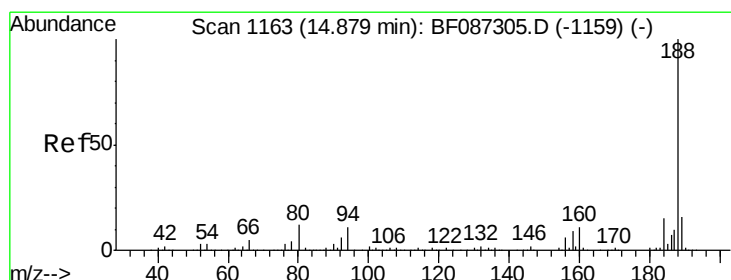
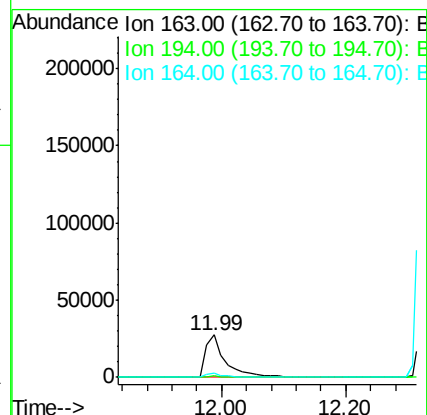
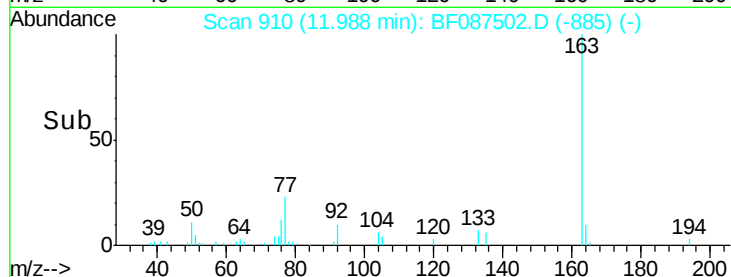
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

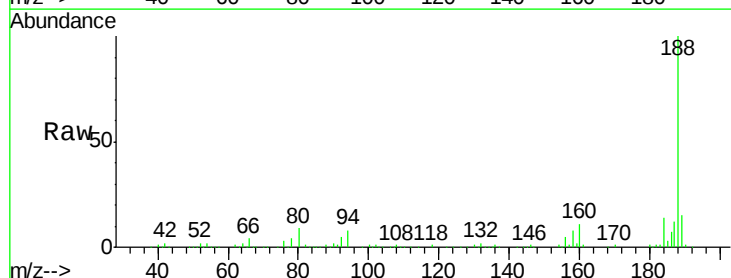
Tgt Ion:188 Resp: 417761

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

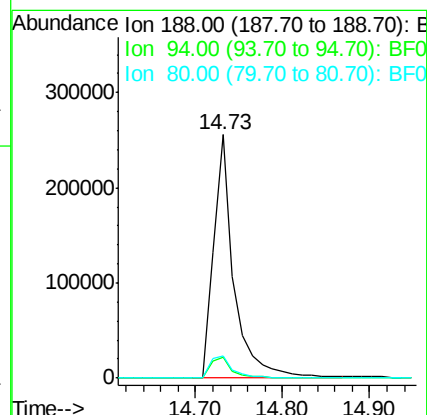
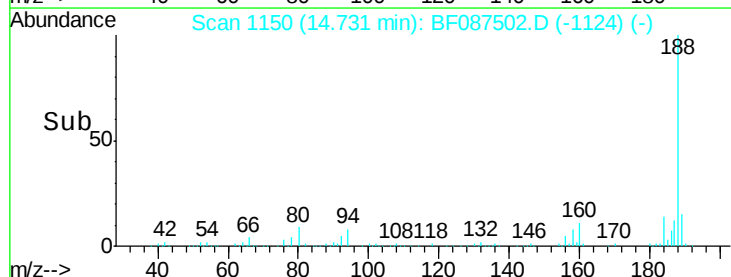
80 9.3 7.1 10.7



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: 18.43 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

Instrument :

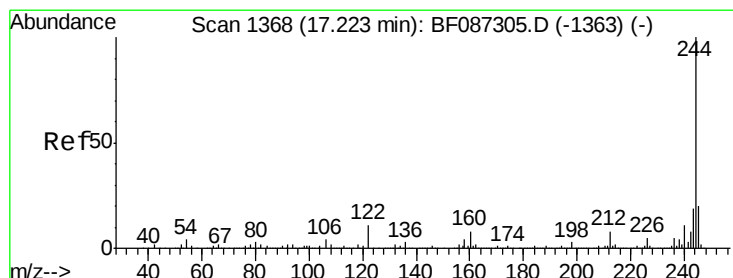
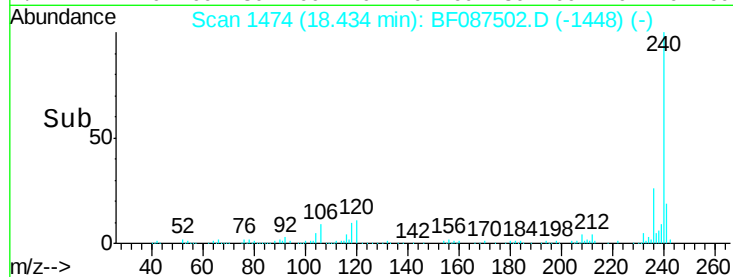
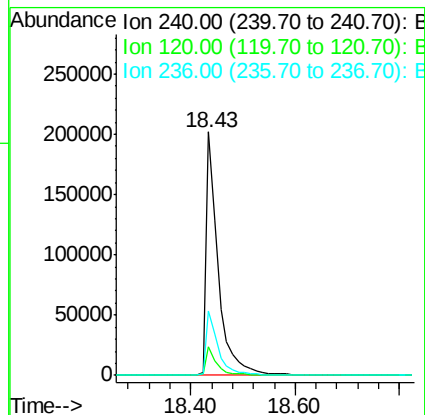
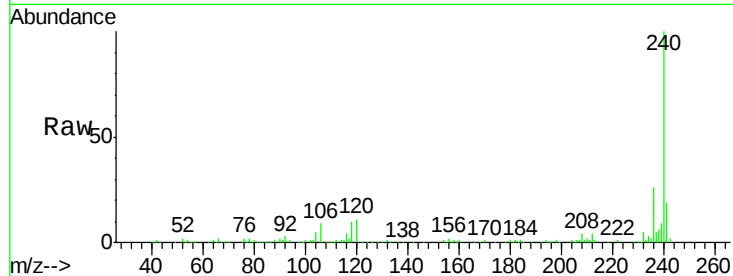
BNA_F

ClientSampleId :

MW-7

Tgt Ion:240 Resp: 324280

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.2	16.8
236	26.2	21.2	31.8



#78

Terphenyl-d14

Concen: 77.96 ng

RT: 17.09 min Scan# 1356

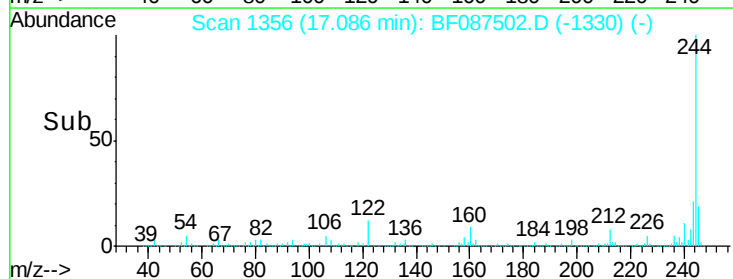
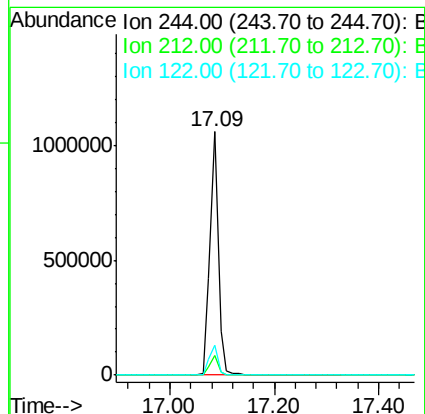
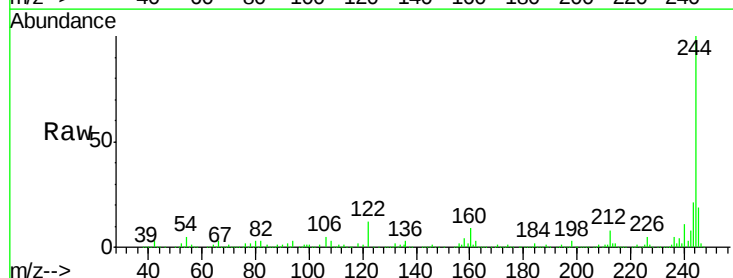
Delta R.T. 0.00 min

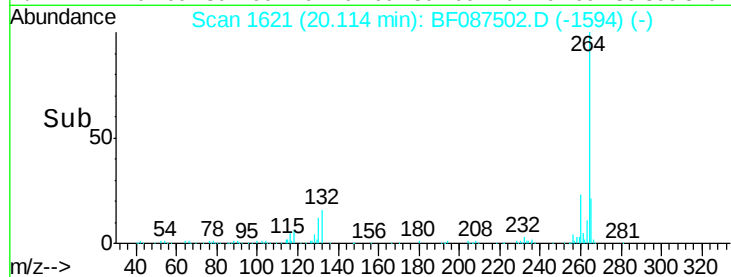
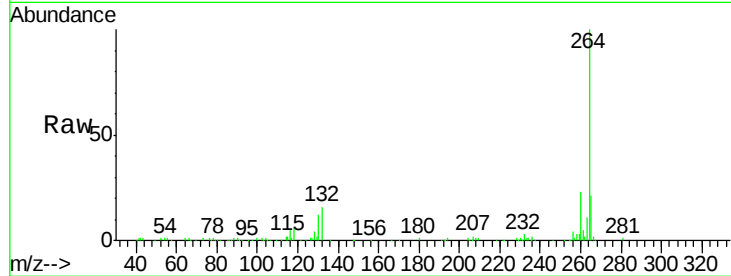
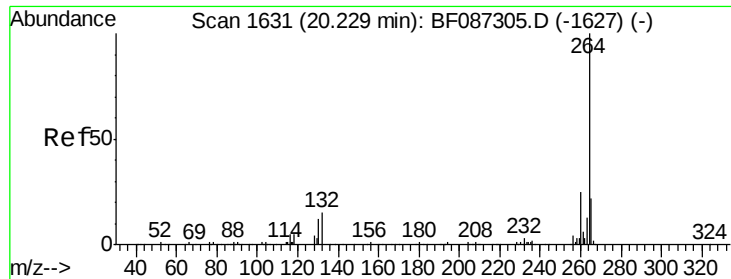
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Tgt Ion:244 Resp: 1189059

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.2	12.0	18.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.11 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BF087502.D

Acq: 29 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

MW-7

Tgt Ion:264 Resp: 218692

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.3 17.3 25.9

