

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087526.D
 Acq On : 29 May 2016 23:23
 Operator : UM/SJ
 Sample : H3222-11
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: May 30 06:48:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

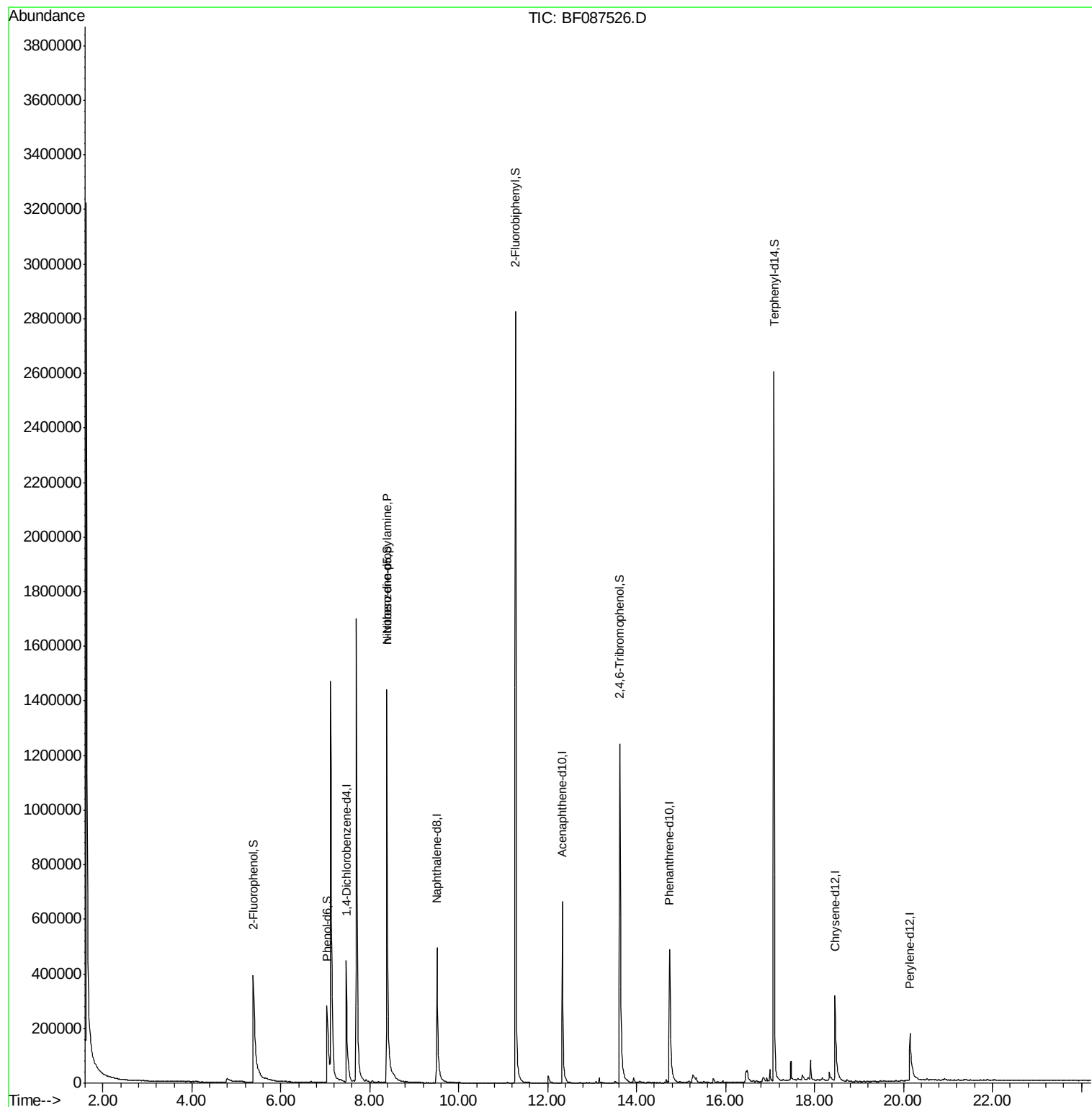
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	115903	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	442065	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	206566	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	380985	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	269441	20.00	ng	-0.02
86) Perylene-d12	20.15	264	199655	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	309753	46.96	ng	-0.03
7) Phenol-d6	7.04	99	235487	26.42	ng	-0.03
23) Nitrobenzene-d5	8.39	82	697004	79.46	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	216396	109.01	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1198906	81.82	ng	-0.06
78) Terphenyl-d14	17.09	244	935958	73.85	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.39	70	84180	12.66	ng	Qvalue # 73

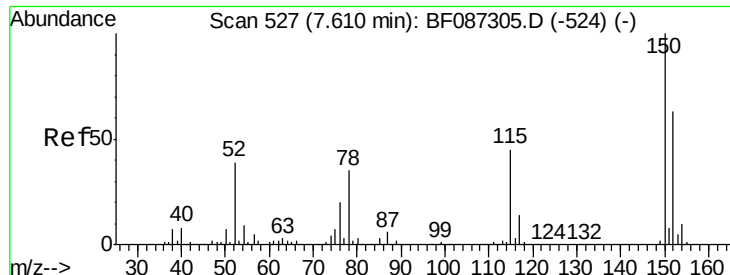
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

Instrument :

BNA_F

ClientSampleId :

MW-13

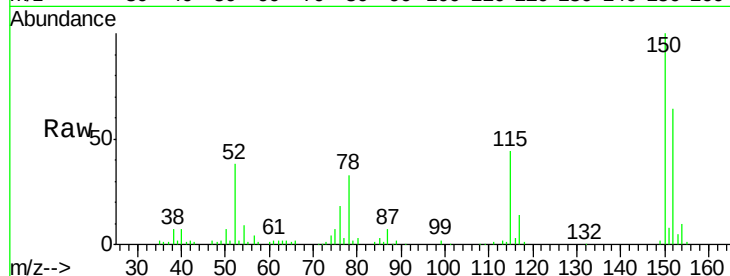
Tgt Ion:152 Resp: 115903

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

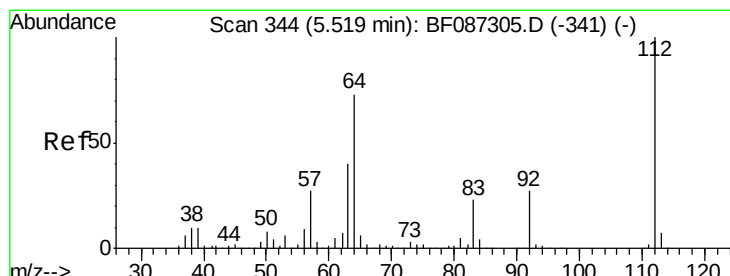
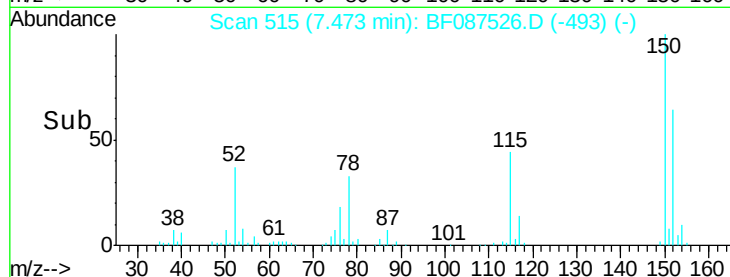
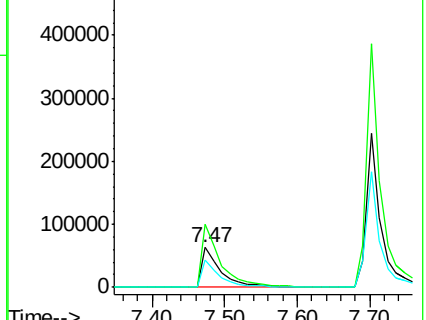
115 69.5 51.5 77.3



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: 46.96 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.03 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

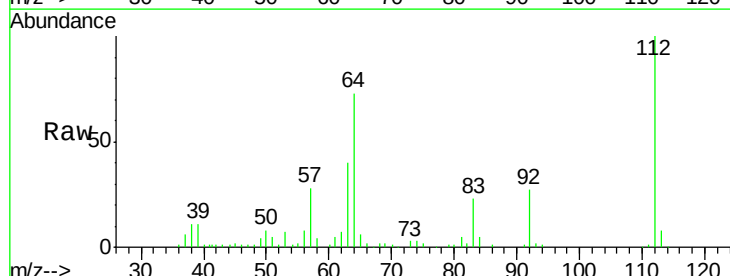
Tgt Ion:112 Resp: 309753

Ion Ratio Lower Upper

112 100

64 73.3 52.1 78.1

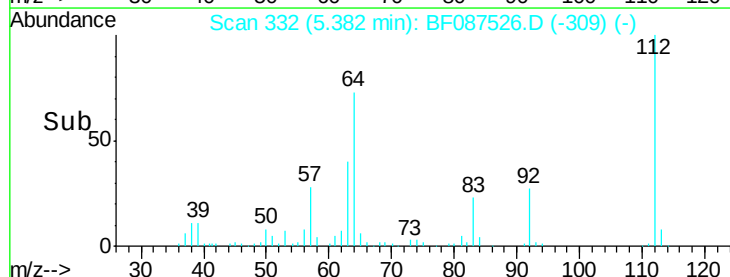
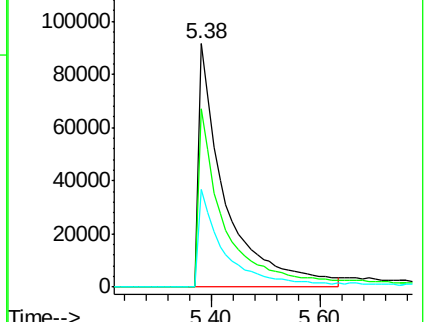
63 40.1 25.7 38.5#

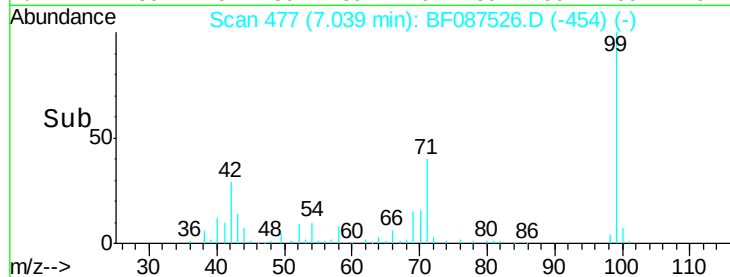
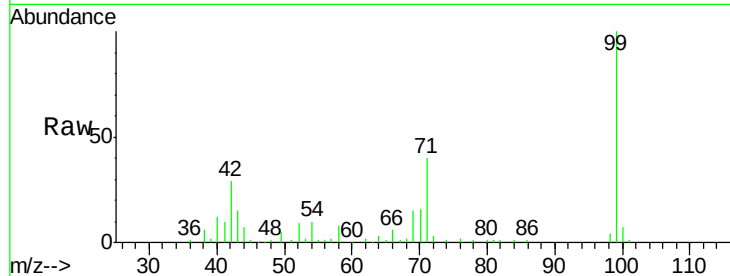
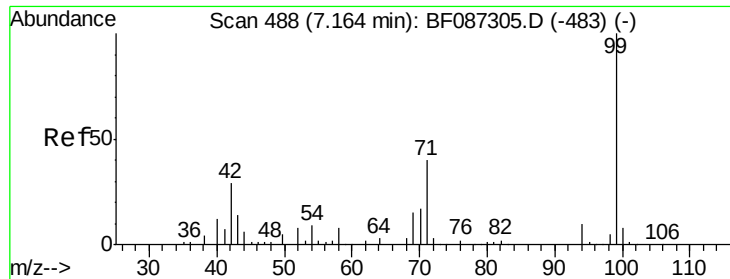


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.42 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

Instrument :

BNA_F

ClientSampleId :

MW-13

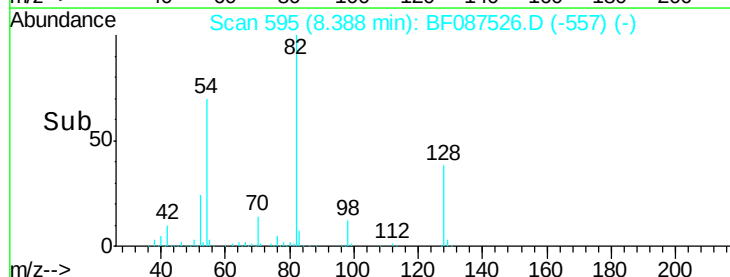
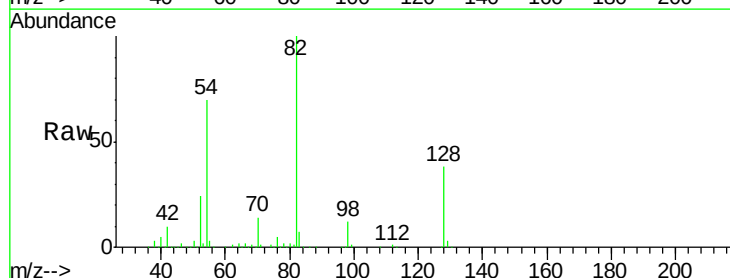
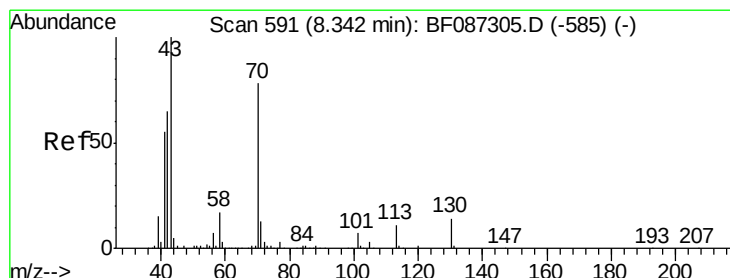
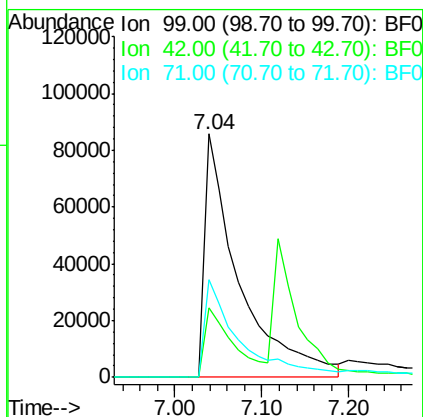
Tgt Ion: 99 Resp: 235487

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 39.9 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 12.66 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.14 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

Tgt Ion: 70 Resp: 84180

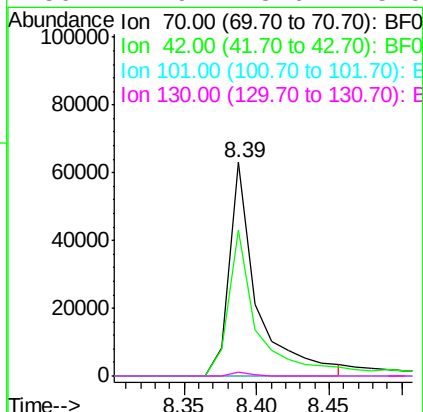
Ion Ratio Lower Upper

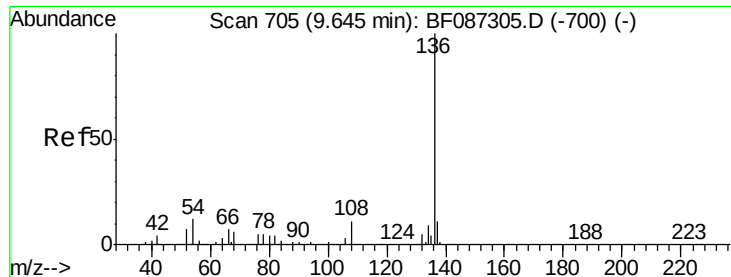
70 100

42 68.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

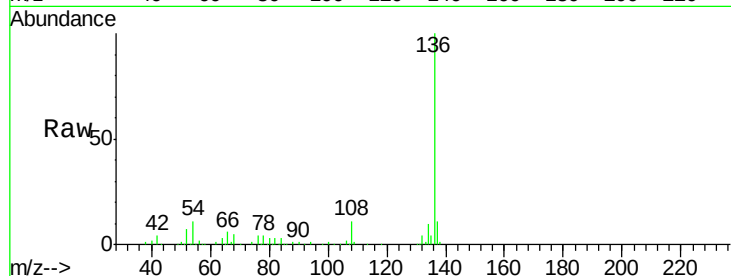




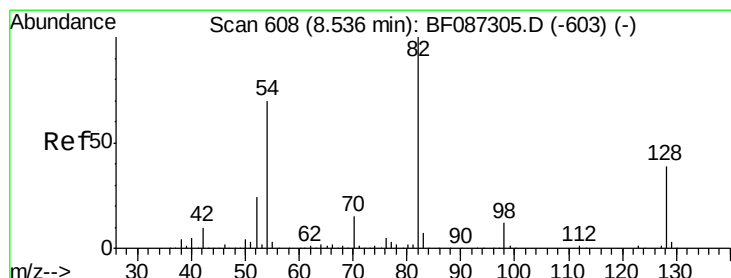
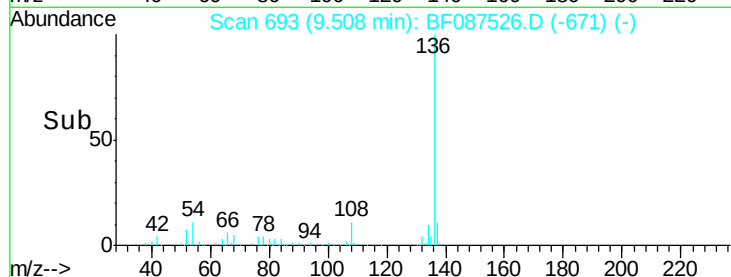
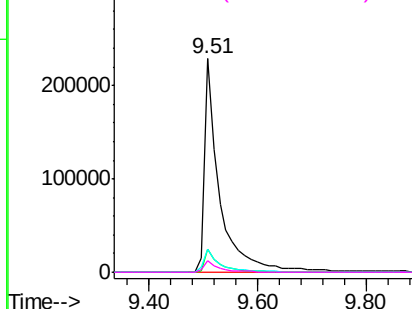
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087526.D
Acq: 29 May 2016 23:23

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 136 Resp: 442065
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.0 5.0 7.4#
68 5.1 4.4 6.6

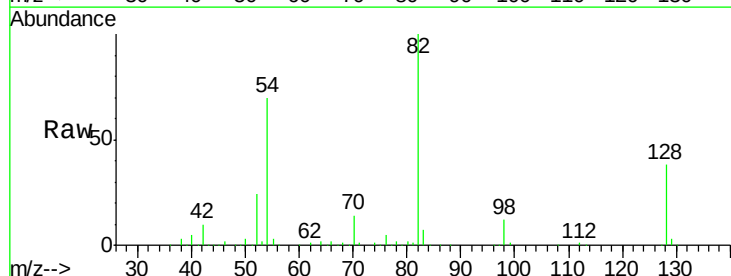


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

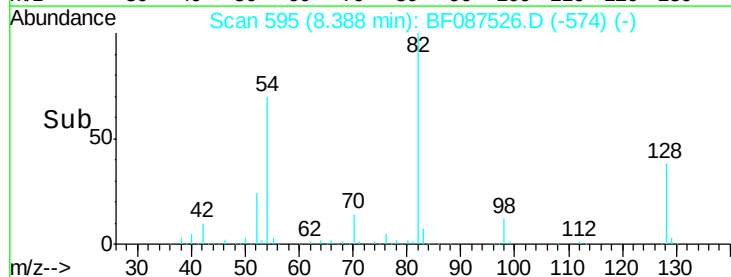
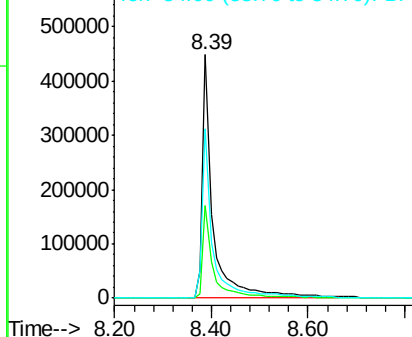


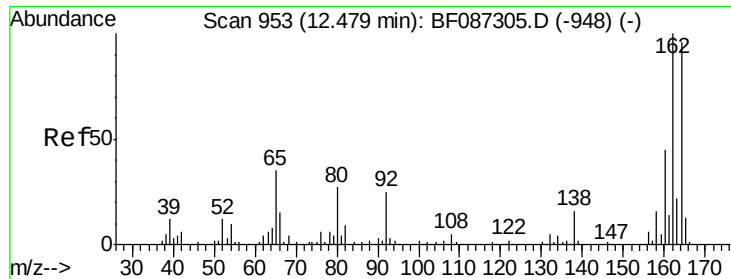
#23
Nitrobenzene-d5
Concen: 79.46 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087526.D
Acq: 29 May 2016 23:23

Tgt Ion: 82 Resp: 697004
Ion Ratio Lower Upper
82 100
128 38.1 40.6 61.0#
54 69.6 38.1 57.1#



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

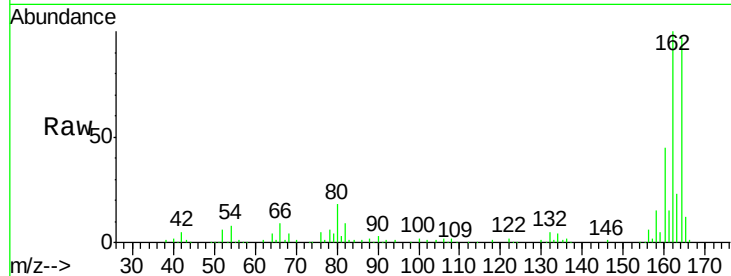




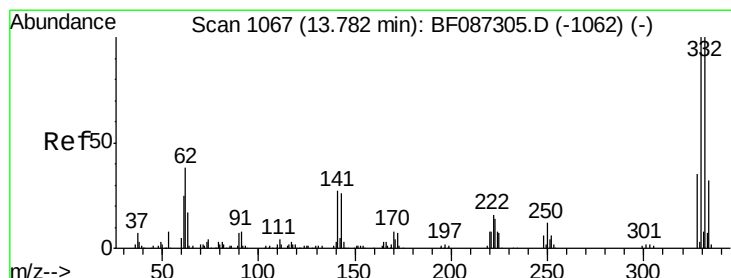
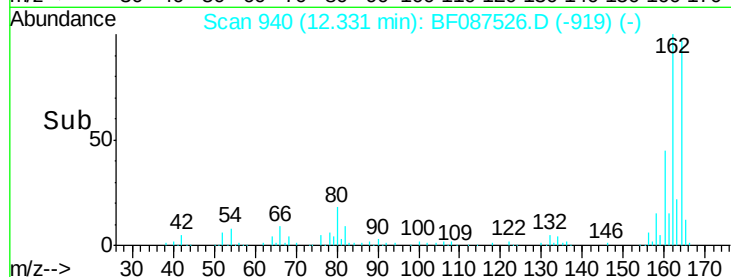
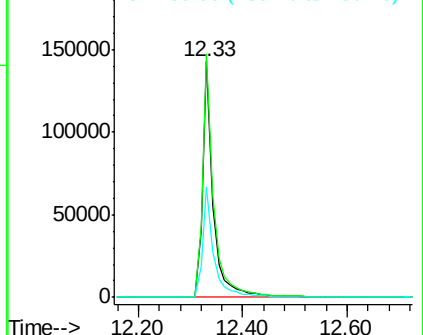
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087526.D
 Acq: 29 May 2016 23:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.8	36.9	55.3

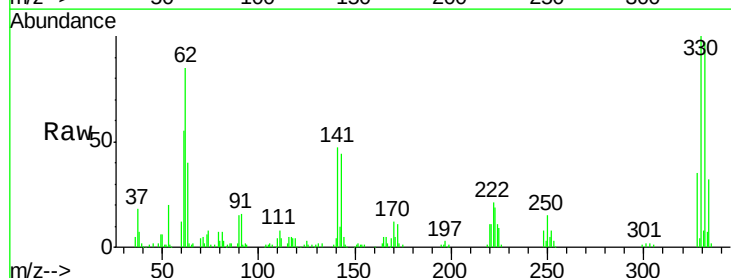


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

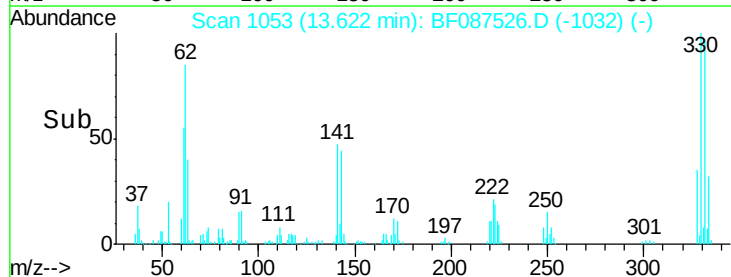
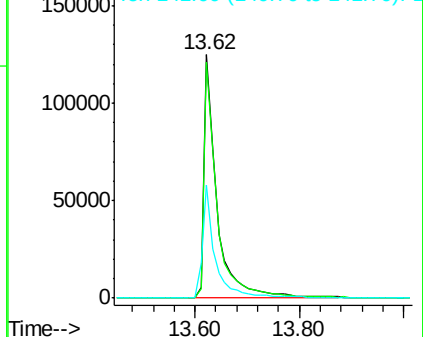


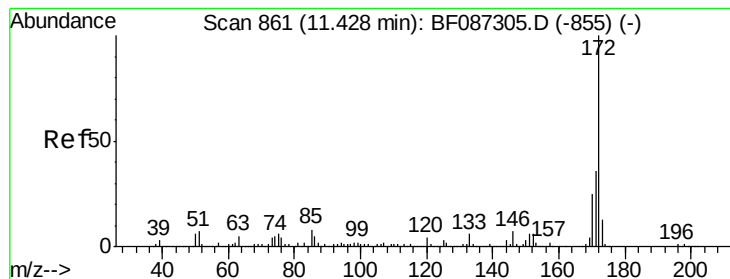
#41
 2,4,6-Tribromophenol
 Concen: 109.01 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.06 min
 Lab File: BF087526.D
 Acq: 29 May 2016 23:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	46.4	31.2	46.8



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: 81.82 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

Instrument :

BNA_F

ClientSampleId :

MW-13

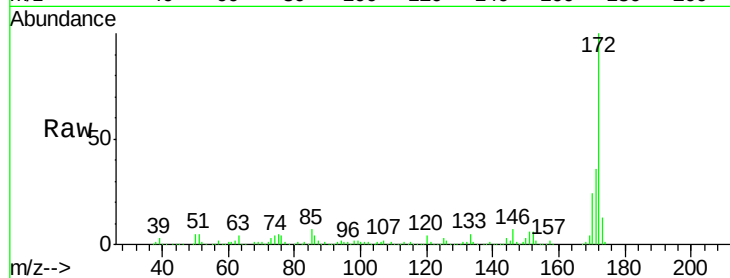
Tgt Ion:172 Resp: 1198906

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

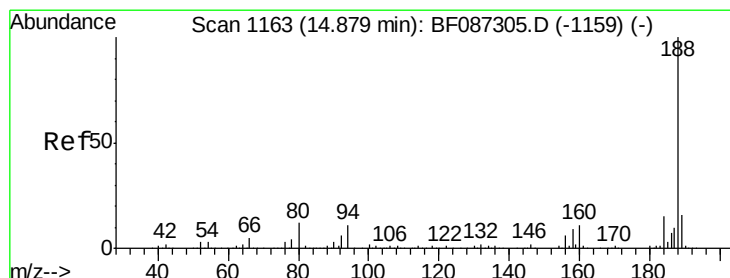
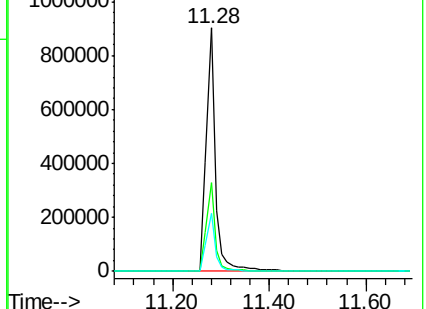
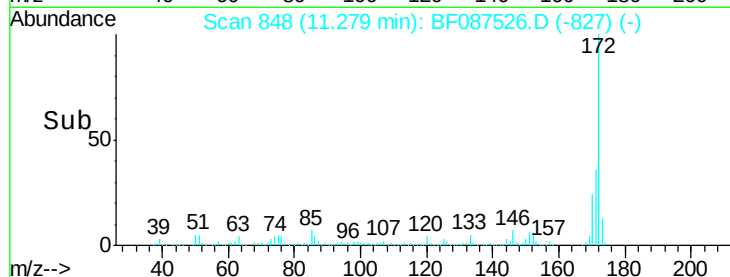
170 24.1 19.8 29.8



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: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

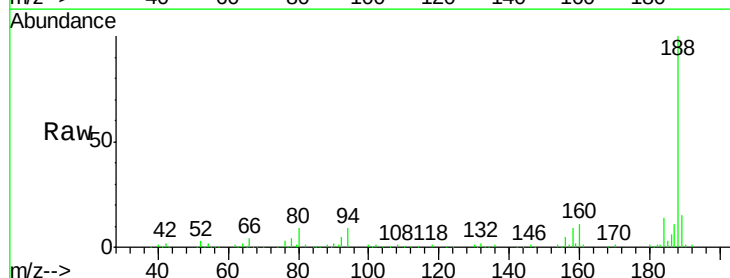
Tgt Ion:188 Resp: 380985

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

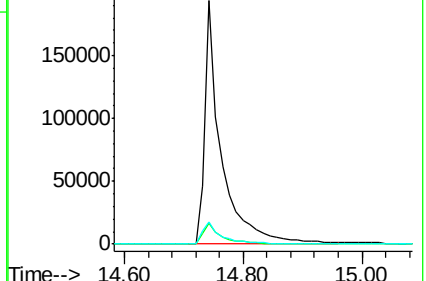
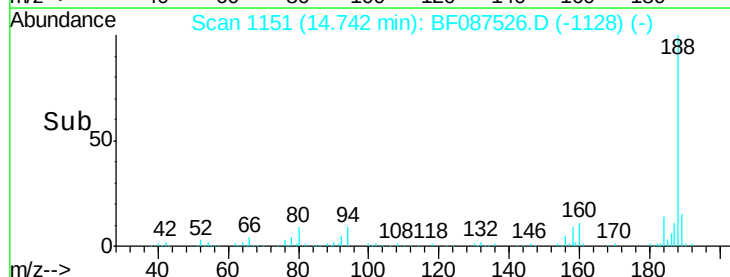
80 9.2 7.1 10.7

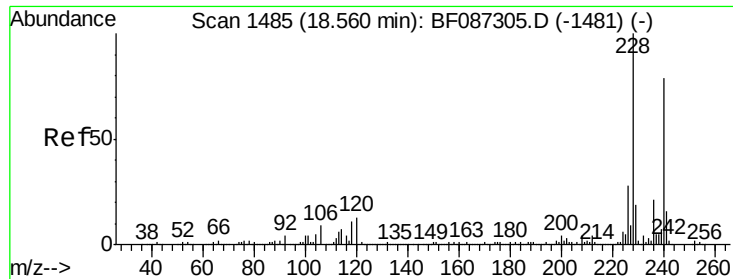


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

Instrument :

BNA_F

ClientSampled :

MW-13

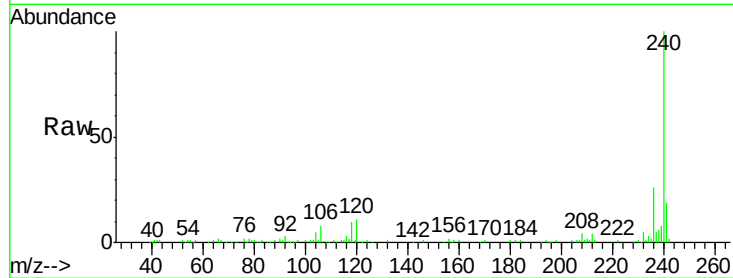
Tgt Ion:240 Resp: 269441

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

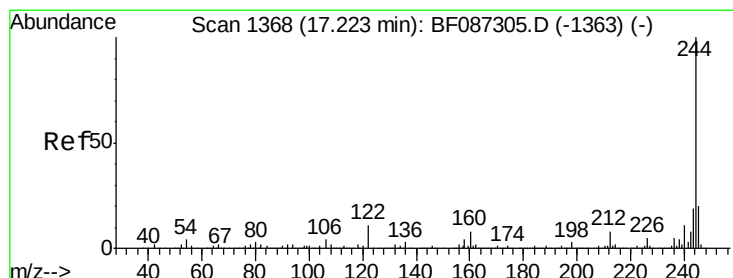
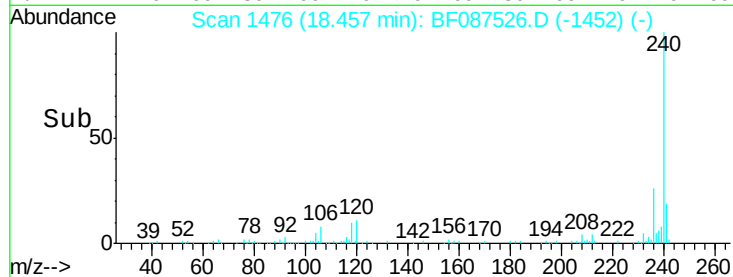
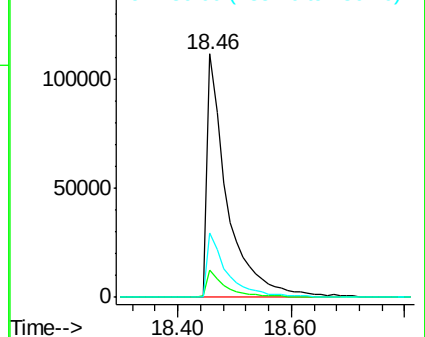
236 26.4 21.2 31.8



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: 73.85 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087526.D

Acq: 29 May 2016 23:23

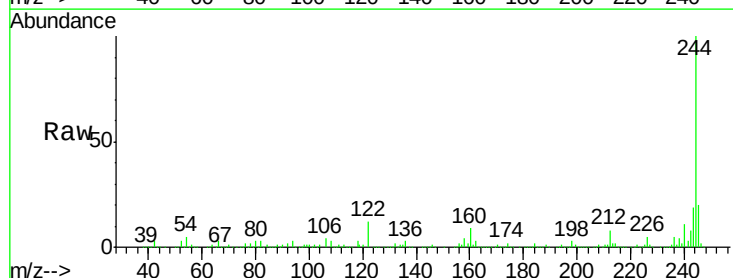
Tgt Ion:244 Resp: 935958

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

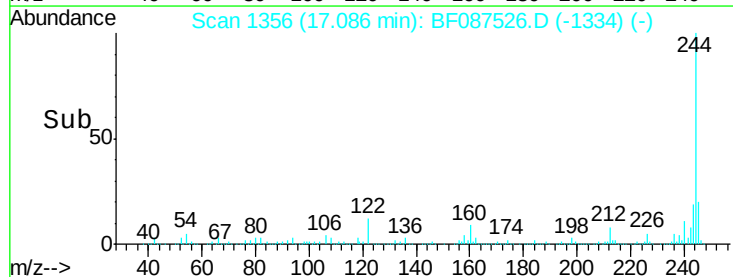
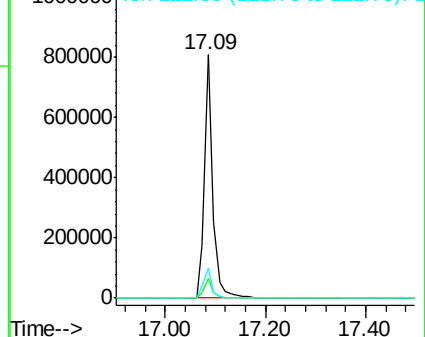
122 12.3 12.0 18.0

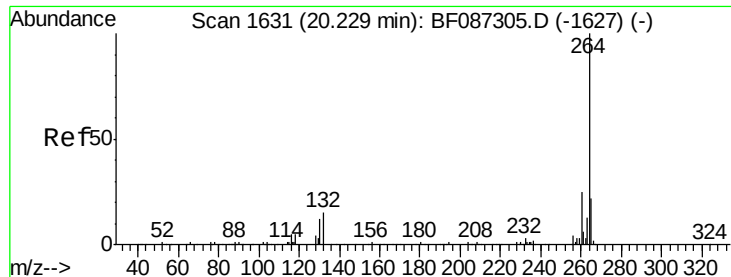


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

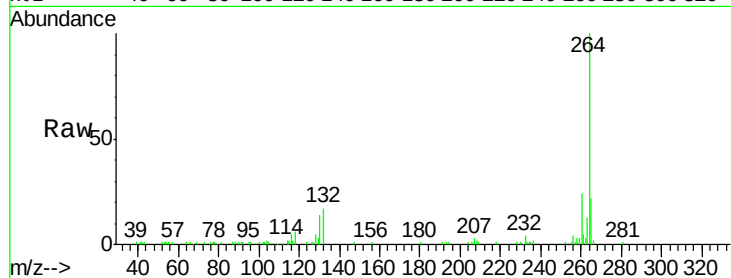




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087526.D
Acq: 29 May 2016 23:23

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:	264	Resp:	199655
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.7	17.3	25.9



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

