

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087286.D
 Acq On : 22 May 2016 12:56
 Operator : UM/SJ
 Sample : H3172-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: May 23 04:02:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

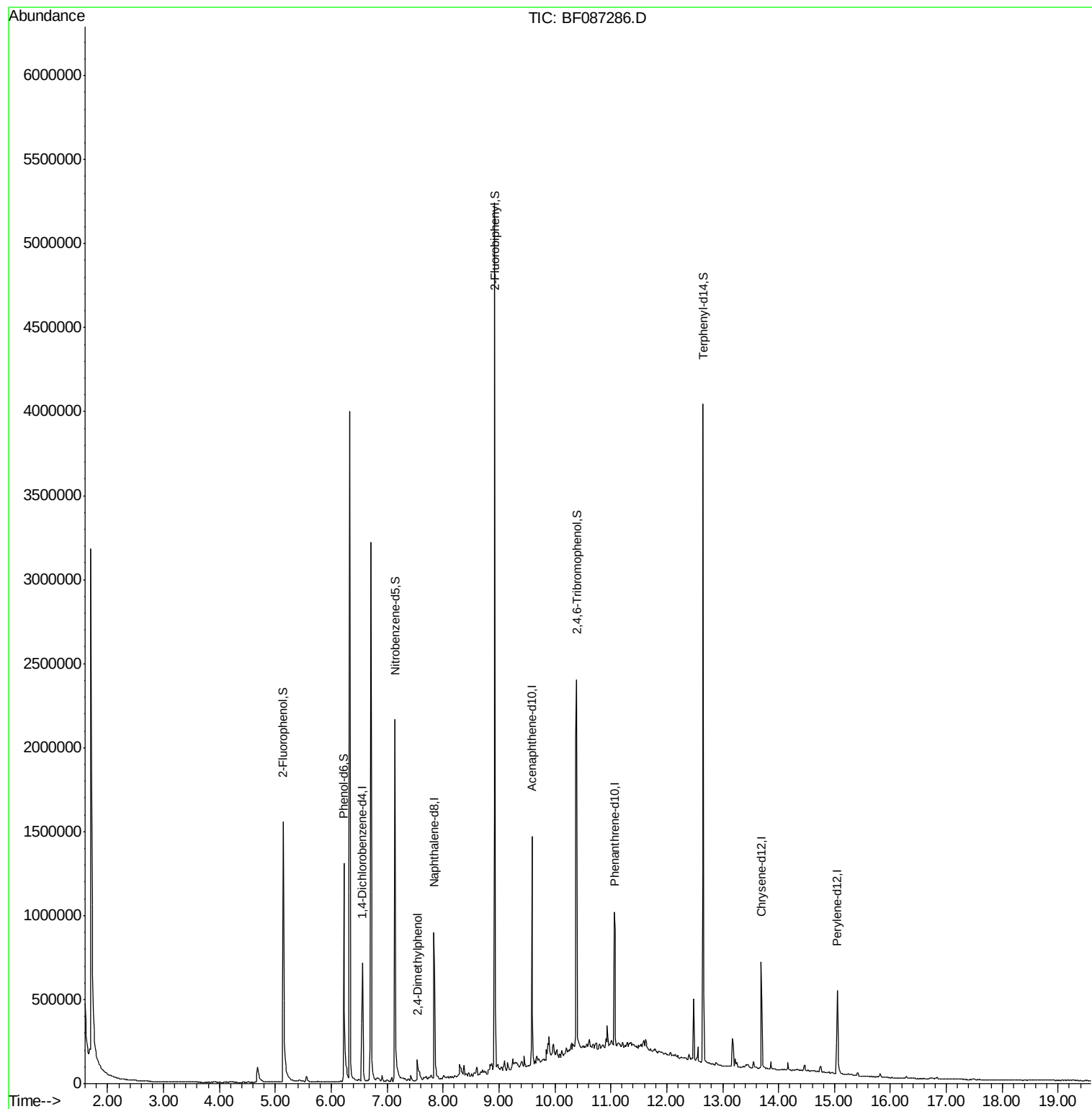
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126751	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	513556	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	244858	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	402535	20.00	ng	0.00
75) Chrysene-d12	13.69	240	274595	20.00	ng	-0.01
86) Perylene-d12	15.05	264	219774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	545568	72.35	ng	0.00
7) Phenol-d6	6.23	99	477514	47.21	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1043140	101.23	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	378491	139.88	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1504574	101.77	ng	0.00
78) Terphenyl-d14	12.65	244	1158866	95.47	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.54	122	37346	4.70	ng	Qvalue 89

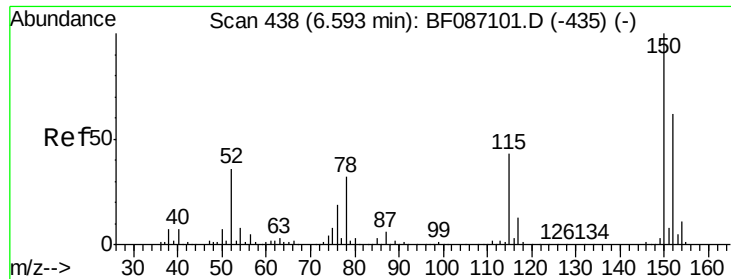
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampled :

MW-05

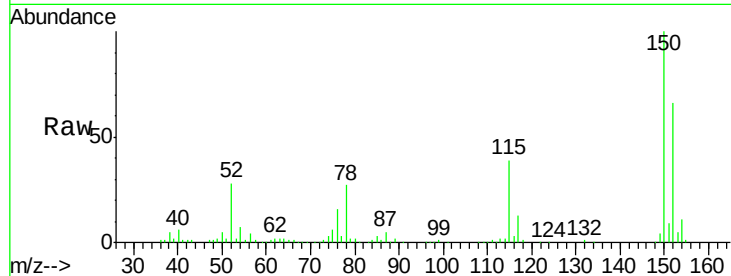
Tot Ion:152 Resp: 126751

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.6

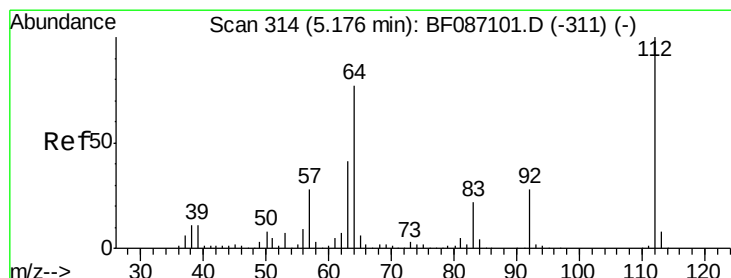
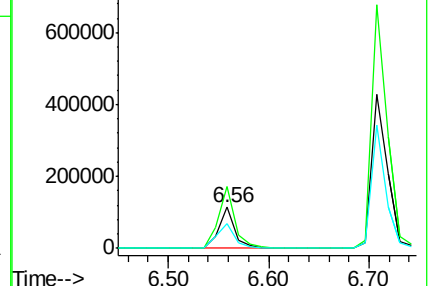
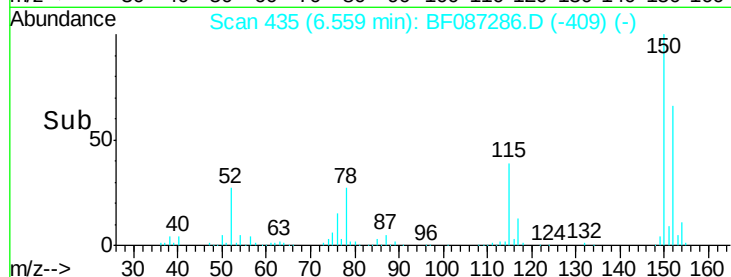
115 60.1 51.5 77.3



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: 72.35 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

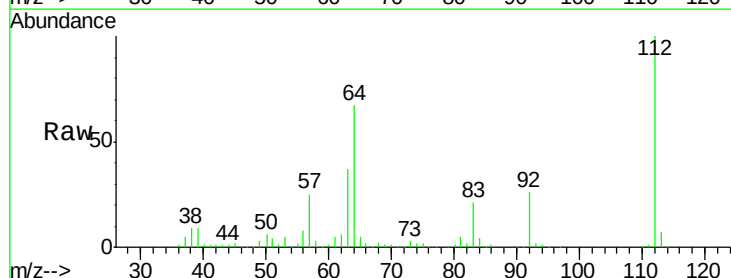
Tgt Ion:112 Resp: 545568

Ion Ratio Lower Upper

112 100

64 66.9 52.1 78.1

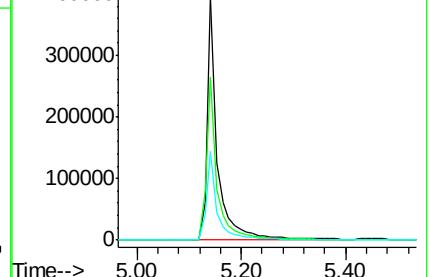
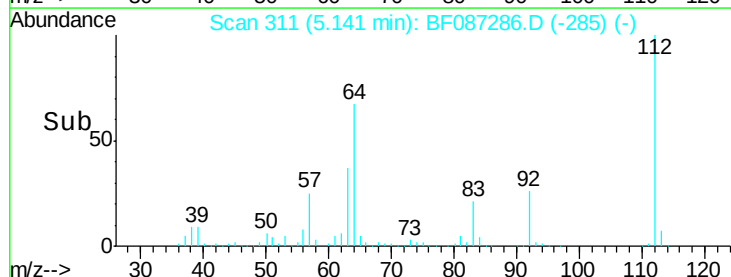
63 36.6 25.7 38.5

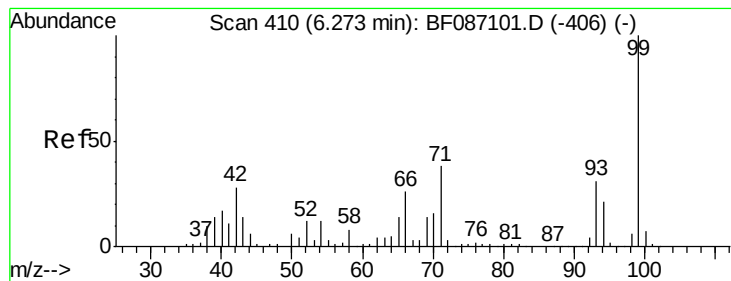


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.21 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

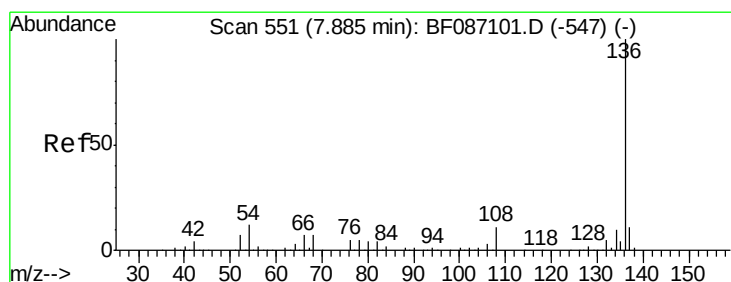
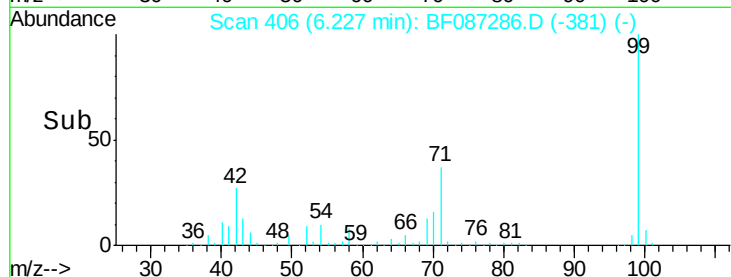
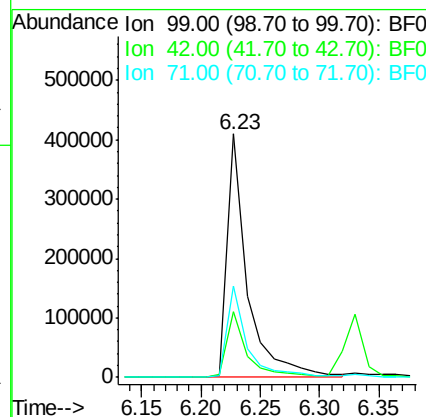
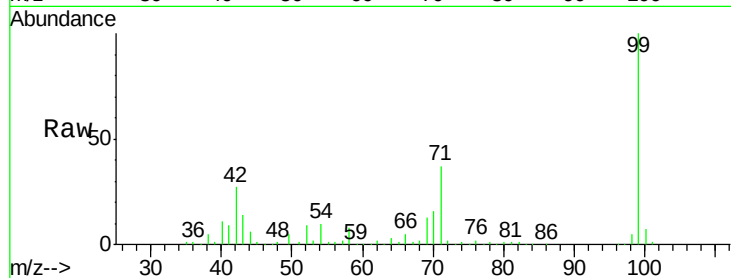
BNA_F

ClientSampleId :

MW-05

Tot Ion: 99 Resp: 477514

Ion	Ratio	Lower	Upper
99	100		
42	27.1	13.6	20.4#
71	37.4	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

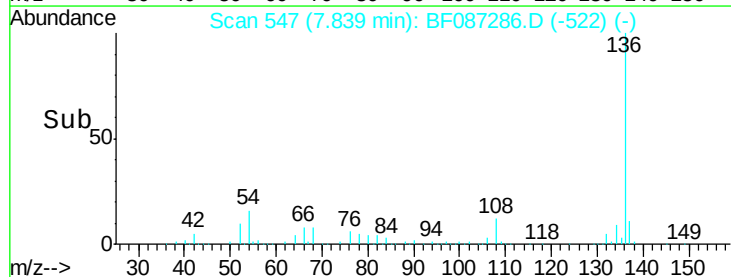
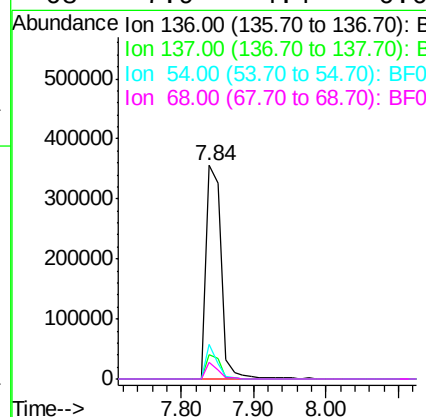
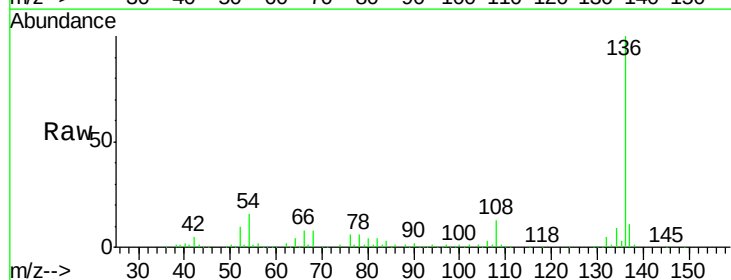
Delta R.T. -0.01 min

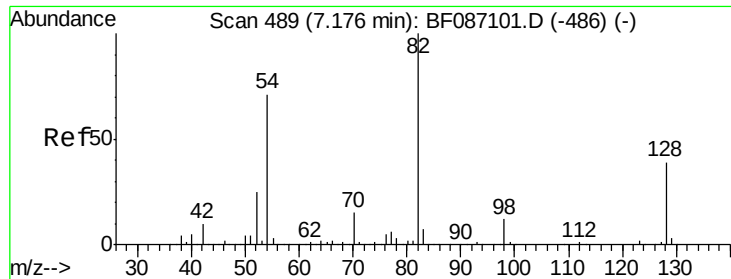
Lab File: BF087286.D

Acq: 22 May 2016 12:56

Tgt Ion: 136 Resp: 513556

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.9	5.0	7.4#
68	7.9	4.4	6.6#

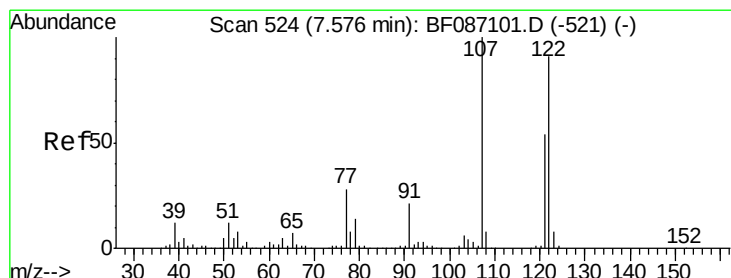
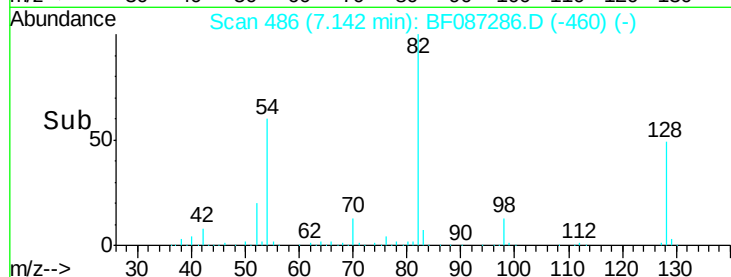
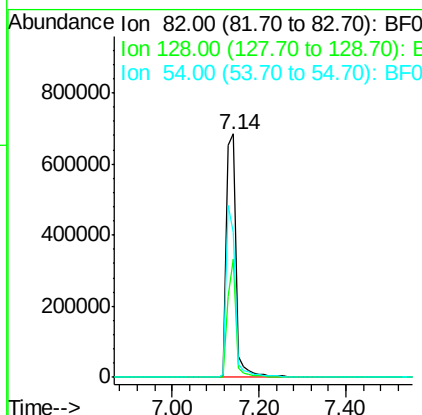
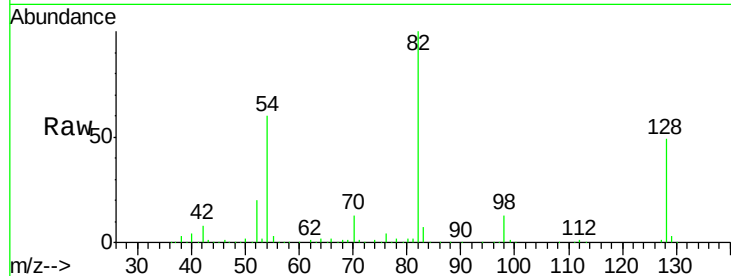




#23
 Nitrobenzene-d5
 Concen: 101.23 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

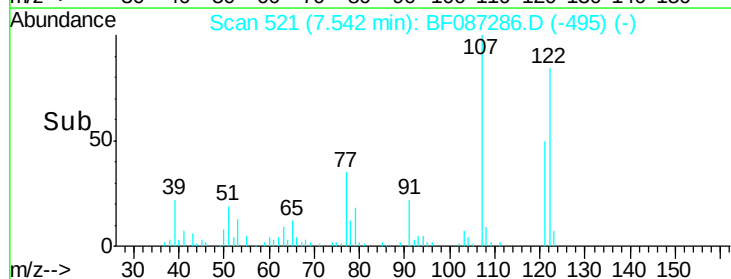
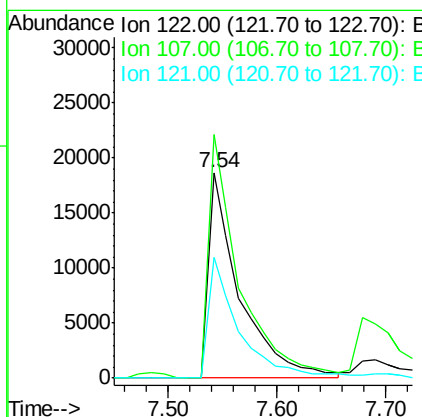
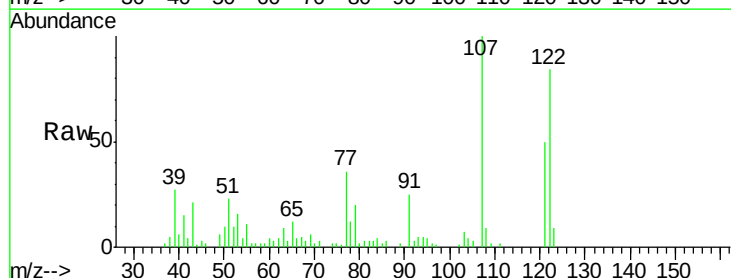
Instrument :
 BNA_F
 ClientSampled :
 MW-05

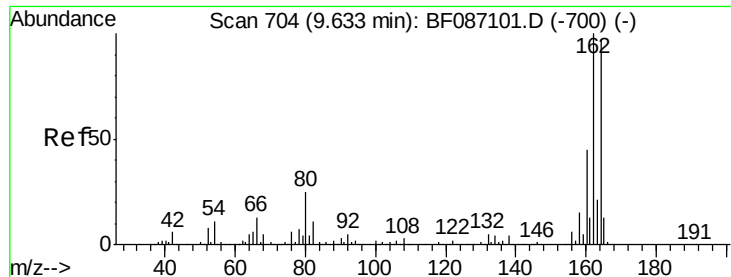
Tot Ion: 82 Resp: 1043140
 Ion Ratio Lower Upper
 82 100
 128 48.7 40.6 61.0
 54 59.8 38.1 57.1#



#27
 2,4-Dimethylphenol
 Concen: 4.70 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF087286.D
 Acq: 22 May 2016 12:56

Tgt Ion: 122 Resp: 37346
 Ion Ratio Lower Upper
 122 100
 107 118.5 82.0 123.0
 121 58.9 46.1 69.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampleId :

MW-05

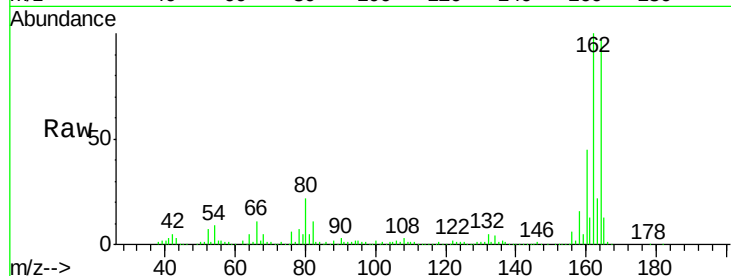
Tot Ion:164 Resp: 244858

Ion Ratio Lower Upper

164 100

162 103.0 82.8 124.2

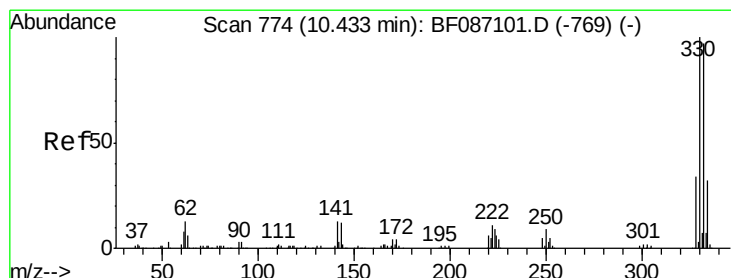
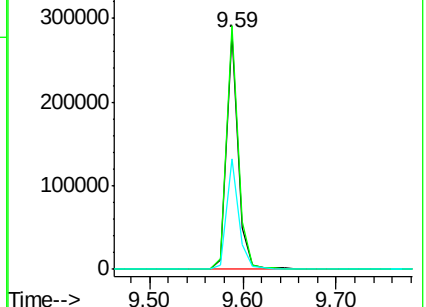
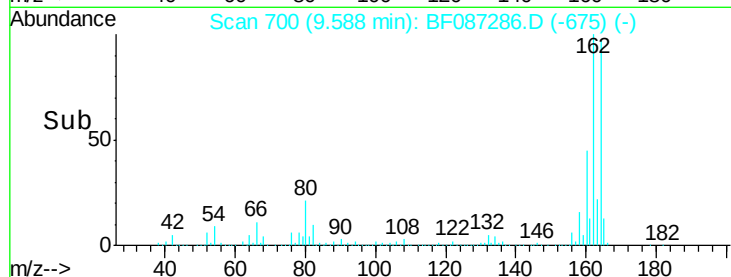
160 46.7 36.9 55.3



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: 139.88 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

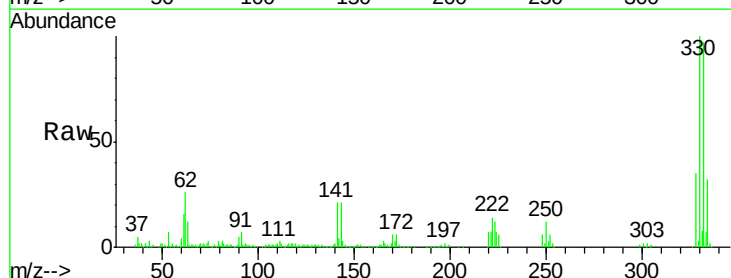
Tgt Ion:330 Resp: 378491

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

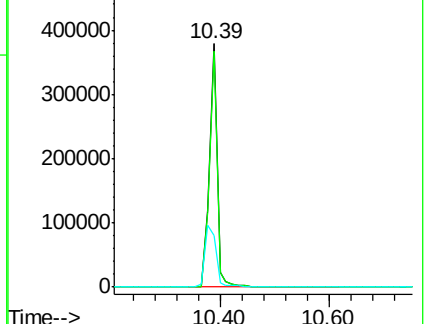
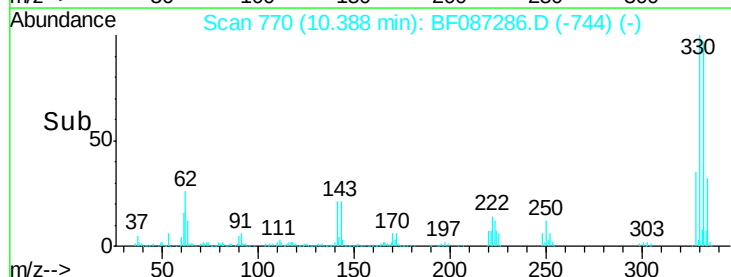
141 35.1 31.2 46.8

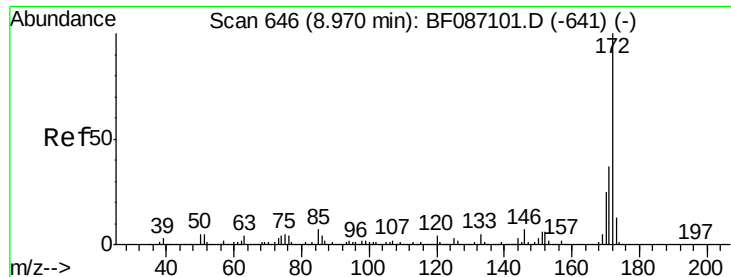


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.77 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampleId :

MW-05

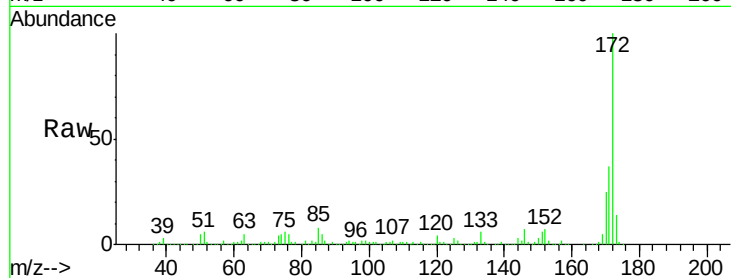
Tot Ion:172 Resp: 1504574

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.6

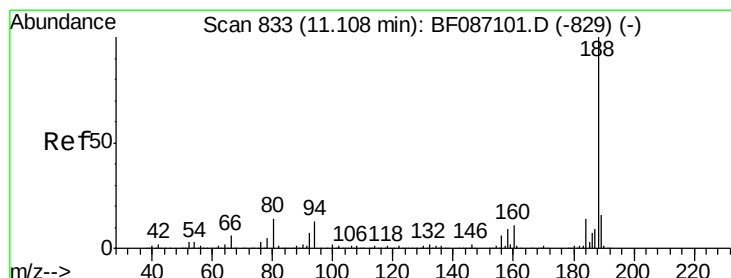
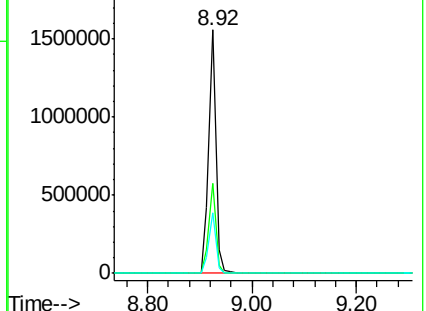
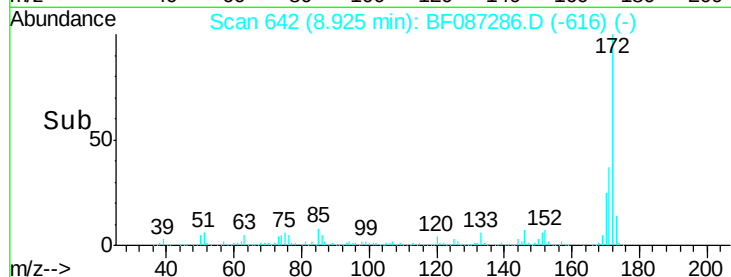
170 25.0 19.8 29.8



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: 11.07 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

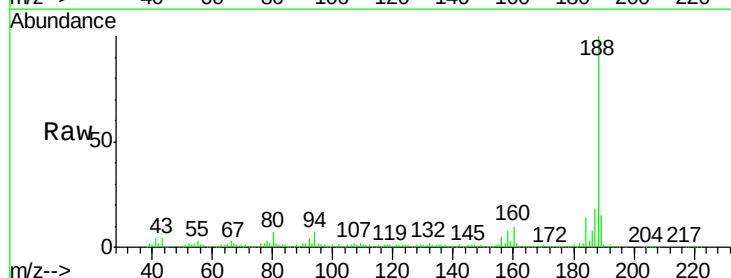
Tgt Ion:188 Resp: 402535

Ion Ratio Lower Upper

188 100

94 7.1 6.8 10.2

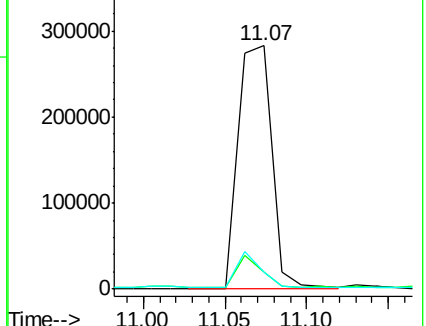
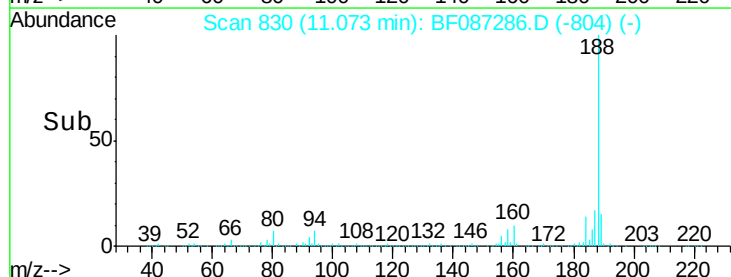
80 7.2 7.1 10.7

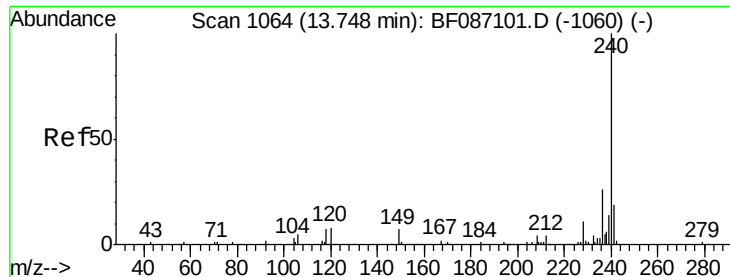


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

Instrument :

BNA_F

ClientSampleId :

MW-05

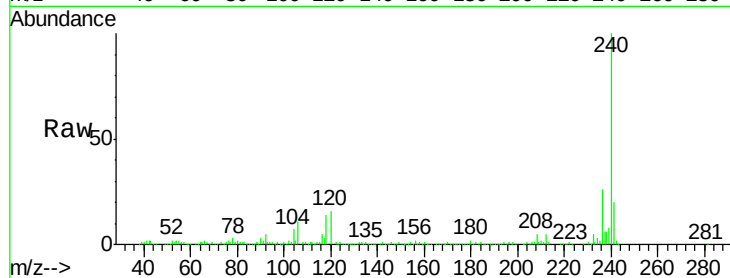
Tot Ion:240 Resp: 274595

Ion Ratio Lower Upper

240 100

120 15.9 11.2 16.8

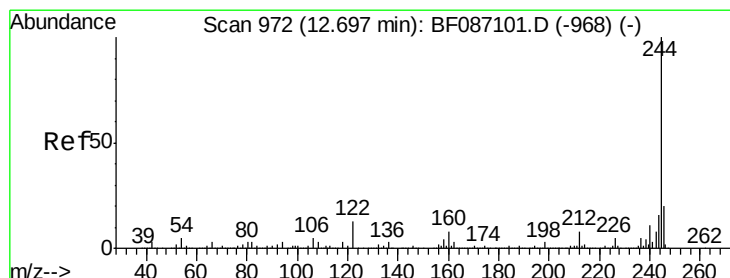
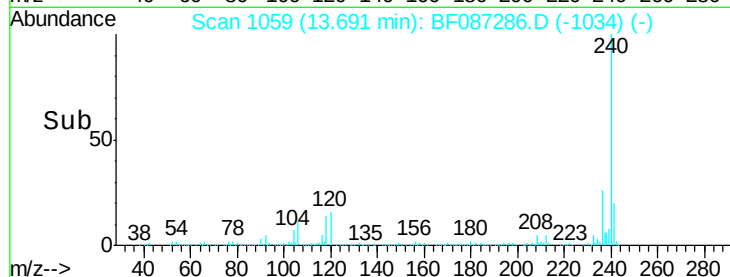
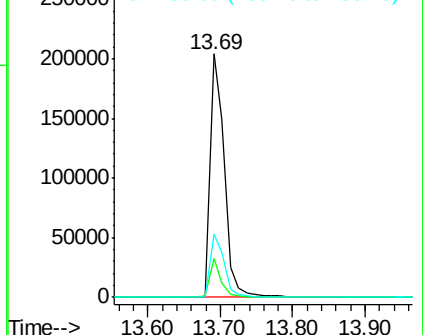
236 25.8 21.2 31.8



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: 95.47 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087286.D

Acq: 22 May 2016 12:56

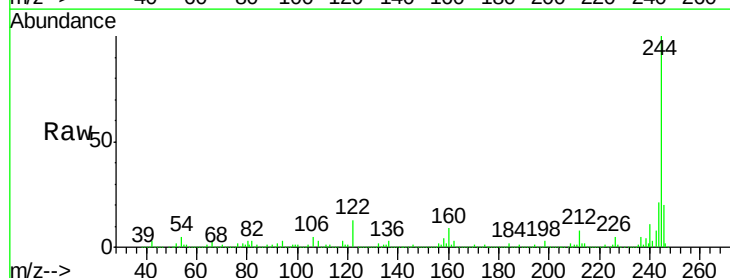
Tgt Ion:244 Resp: 1158866

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

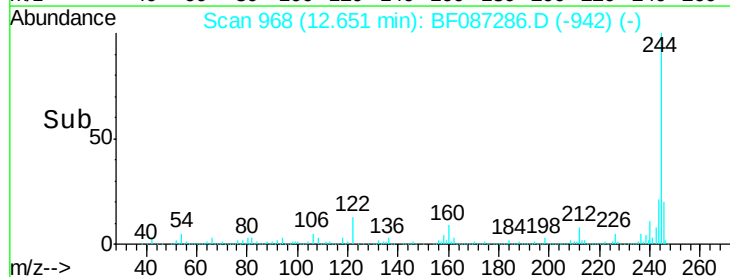
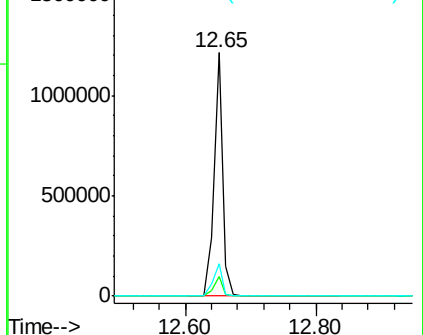
122 13.3 12.0 18.0

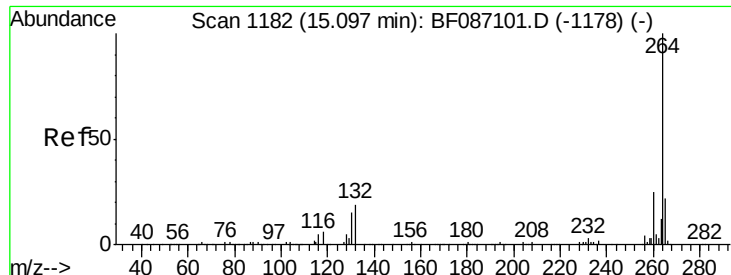


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

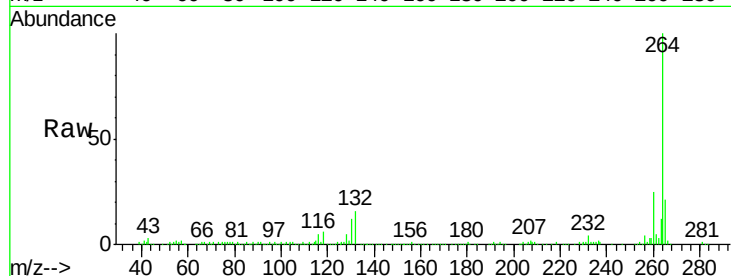




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF087286.D
Acq: 22 May 2016 12:56

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.3	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

