

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087287.D
 Acq On : 22 May 2016 13:25
 Operator : UM/SJ
 Sample : H3172-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: May 23 04:06:33 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

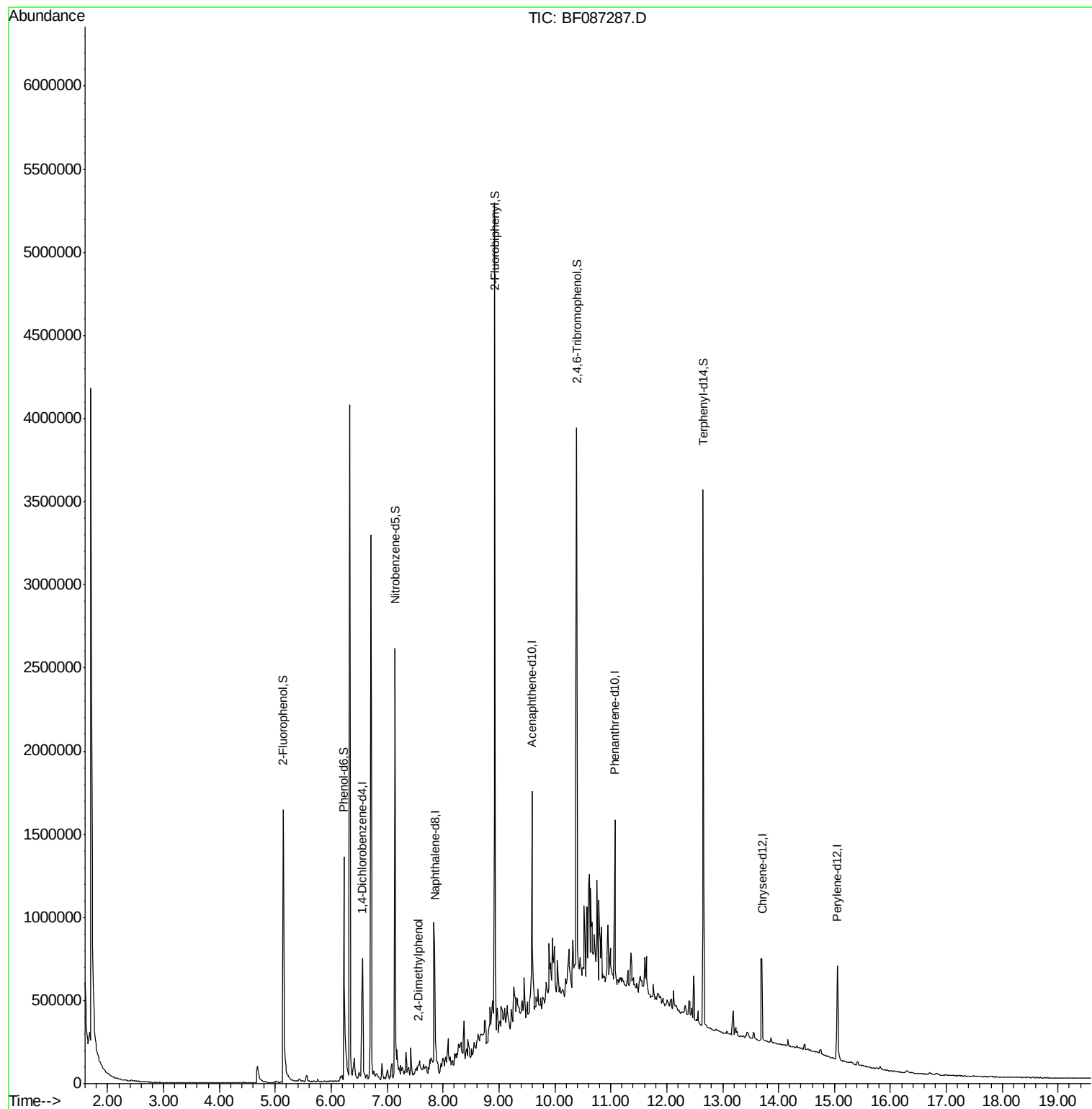
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	127236	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	522607	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	237933	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	402232	20.00	ng	0.00
75) Chrysene-d12	13.70	240	270616	20.00	ng	0.00
86) Perylene-d12	15.05	264	239319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	562462	74.30	ng	0.00
7) Phenol-d6	6.23	99	577446	56.88	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1093211	104.25	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	341670	129.95	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1419470	98.80	ng	0.00
78) Terphenyl-d14	12.65	244	1026578	85.81	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.55	122	17856	2.21	ng	Qvalue 88

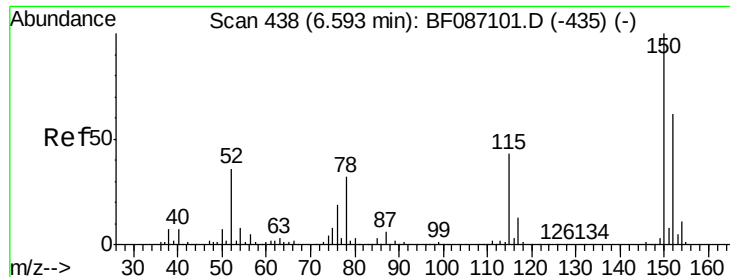
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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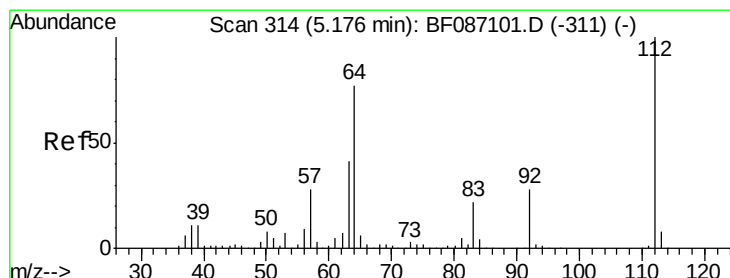
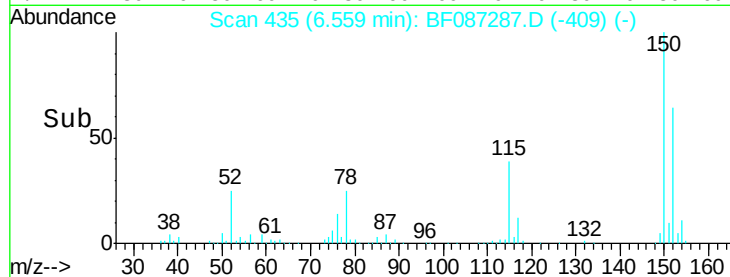
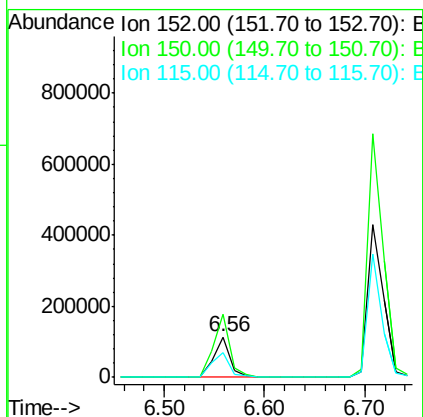
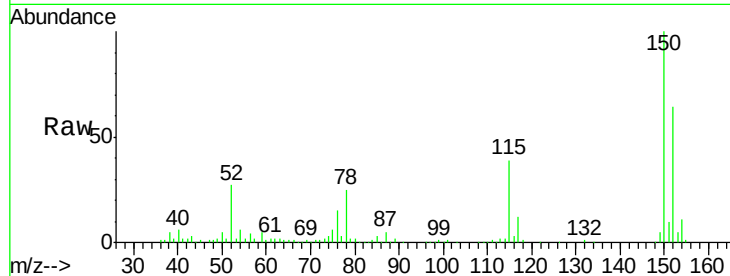


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-18

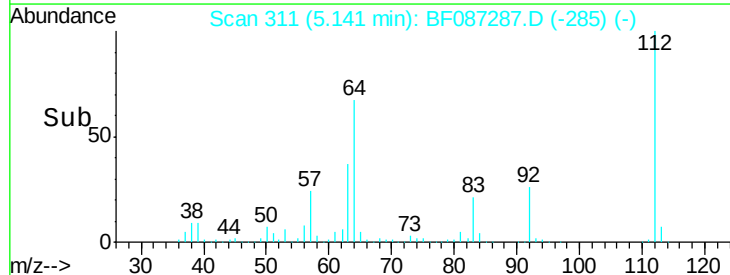
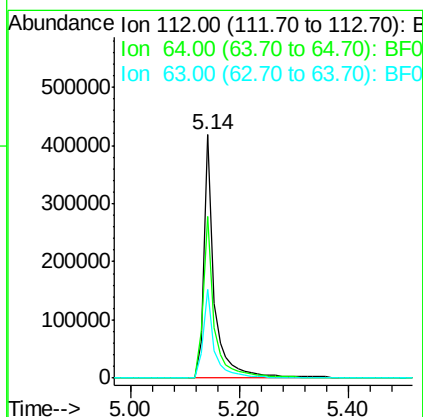
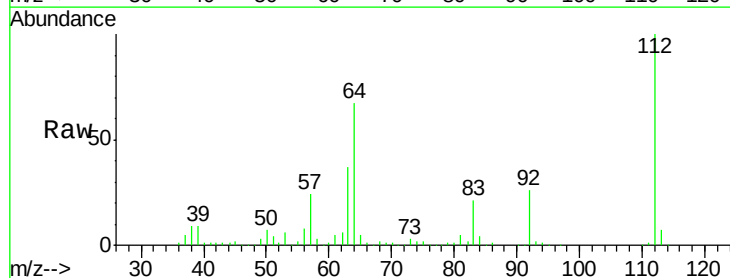
Tot Ion:152 Resp: 127236
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 61.3 51.5 77.3

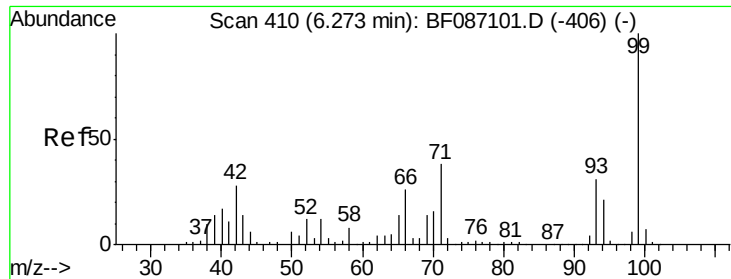


#5

2-Fluorophenol
Concen: 74.30 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Tgt Ion:112 Resp: 562462
Ion Ratio Lower Upper
112 100
64 66.5 52.1 78.1
63 36.5 25.7 38.5





#7

Phenol-d6

Concen: 56.88 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

Instrument :

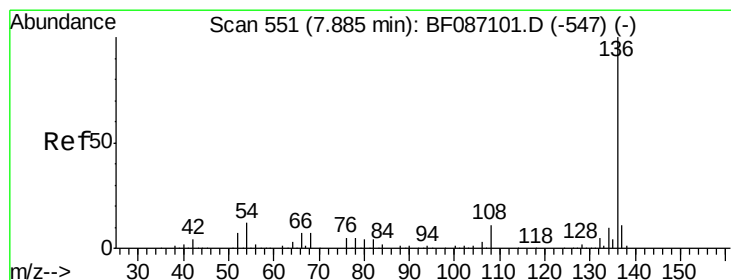
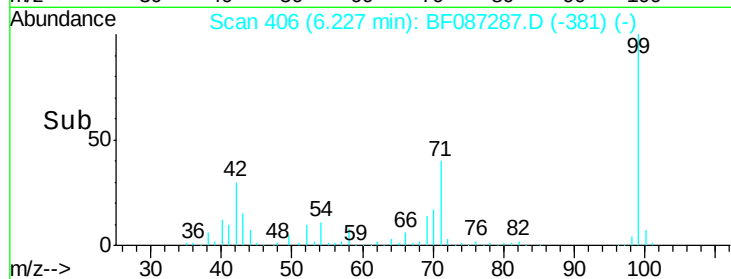
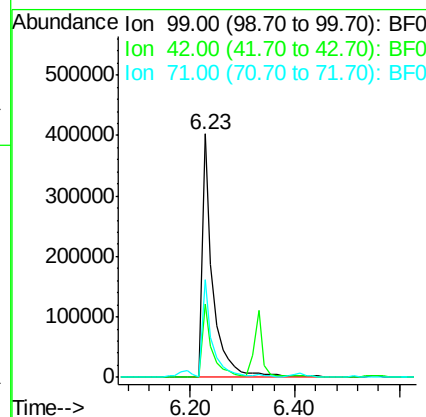
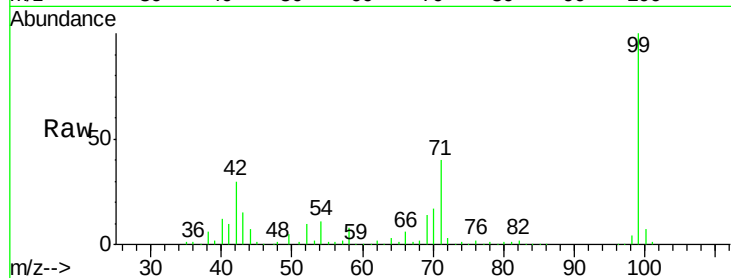
BNA_F

ClientSampled :

MW-18

Tot Ion: 99 Resp: 577446

Ion	Ratio	Lower	Upper
99	100		
42	30.0	13.6	20.4#
71	40.0	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

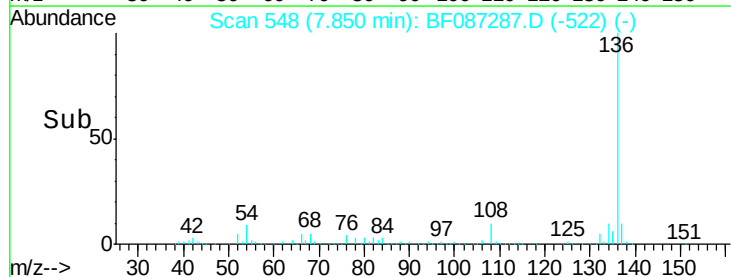
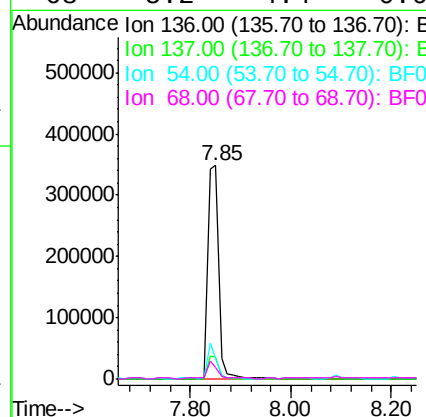
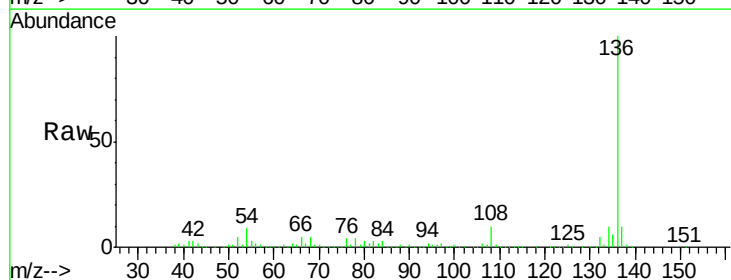
Delta R.T. 0.00 min

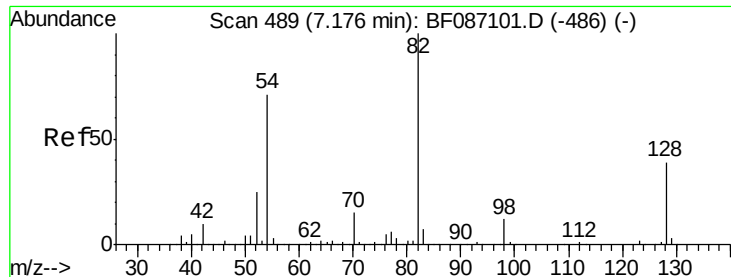
Lab File: BF087287.D

Acq: 22 May 2016 13:25

Tgt Ion: 136 Resp: 522607

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	9.5	5.0	7.4#
68	5.2	4.4	6.6

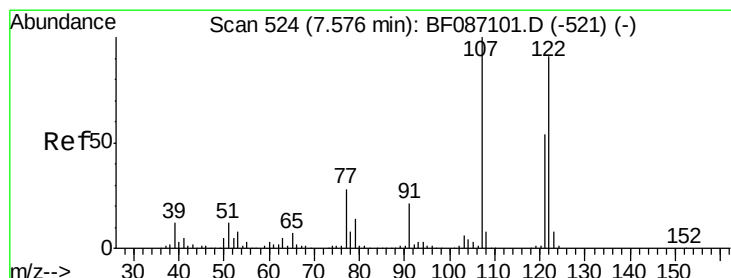
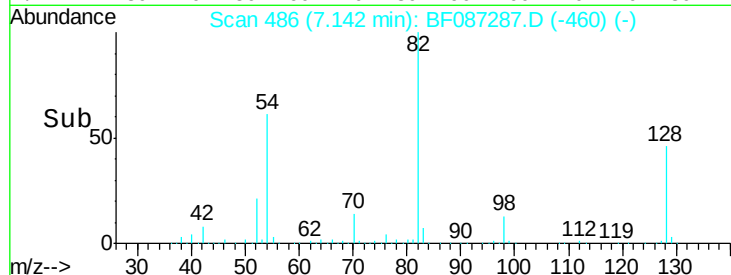
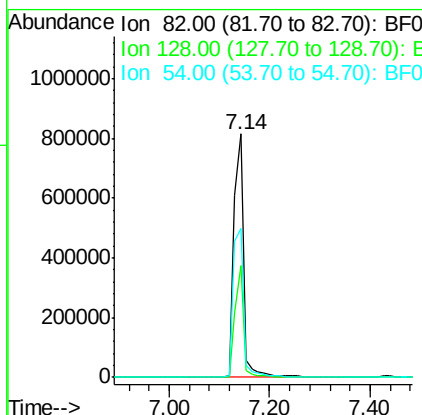
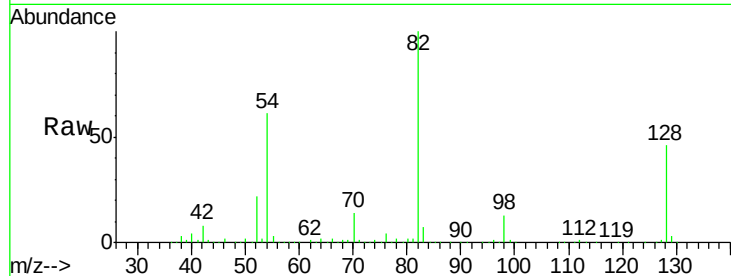




#23
 Nitrobenzene-d5
 Concen: 104.25 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

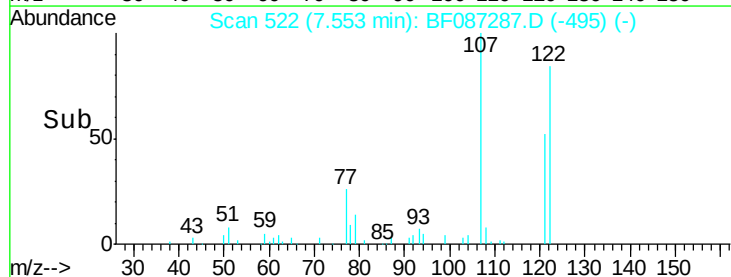
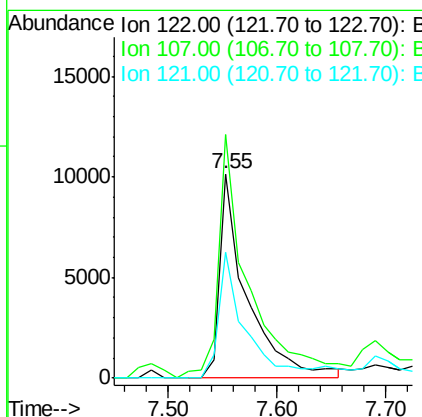
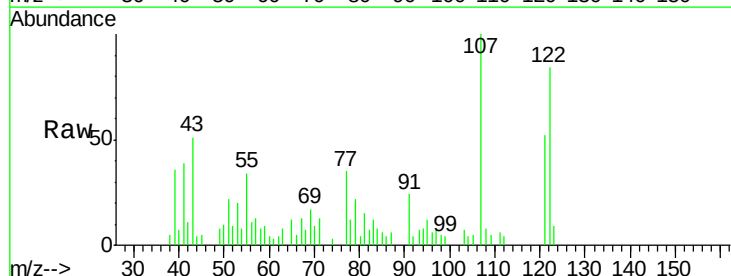
Instrument :
 BNA_F
 ClientSampleId :
 MW-18

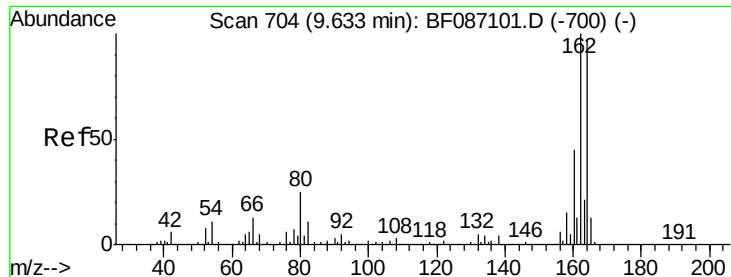
Tot Ion: 82 Resp: 1093211
 Ion Ratio Lower Upper
 82 100
 128 46.0 40.6 61.0
 54 61.4 38.1 57.1#



#27
 2,4-Dimethylphenol
 Concen: 2.21 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: BF087287.D
 Acq: 22 May 2016 13:25

Tgt Ion:122 Resp: 17856
 Ion Ratio Lower Upper
 122 100
 107 119.0 82.0 123.0
 121 61.7 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: BF087287.D

Acq: 22 May 2016 13:25

Instrument :

BNA_F

ClientSampleId :

MW-18

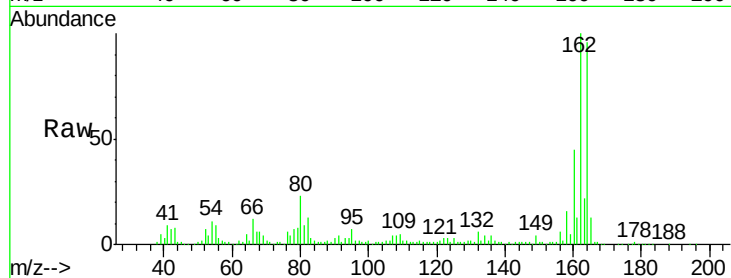
Tot Ion:164 Resp: 237933

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

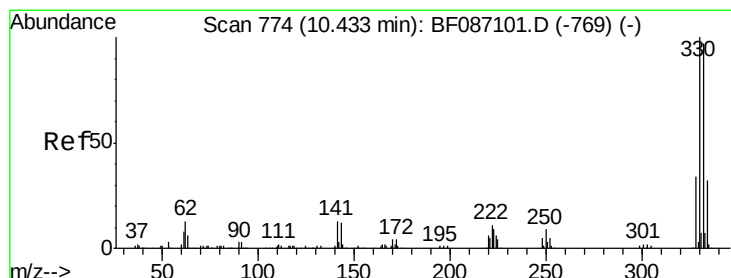
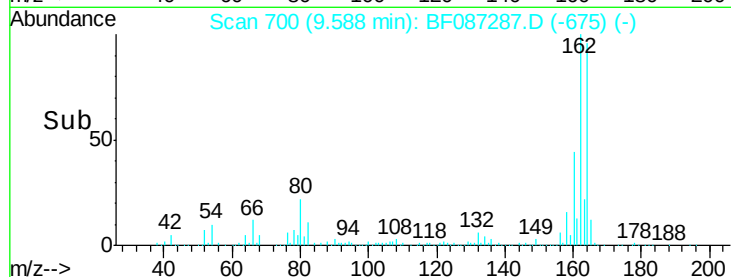
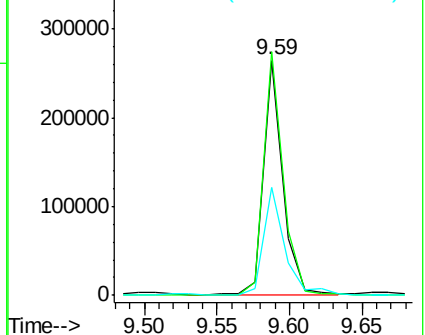
160 46.2 36.9 55.3



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: 129.95 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

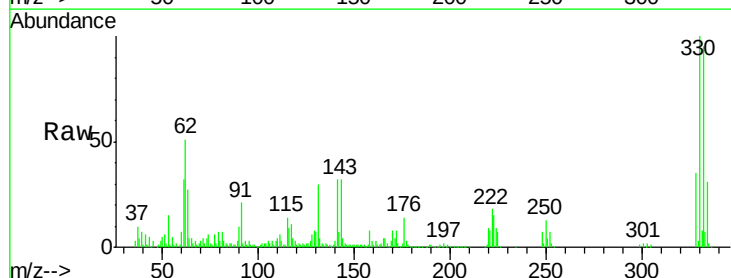
Tgt Ion:330 Resp: 341670

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

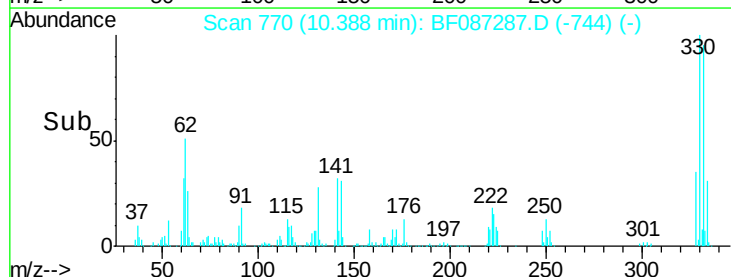
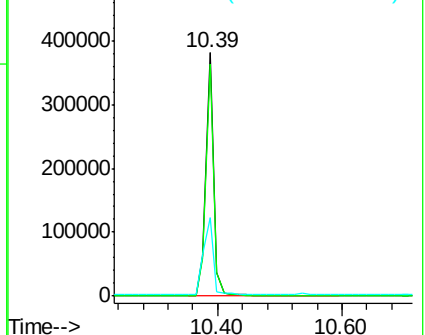
141 40.8 31.2 46.8

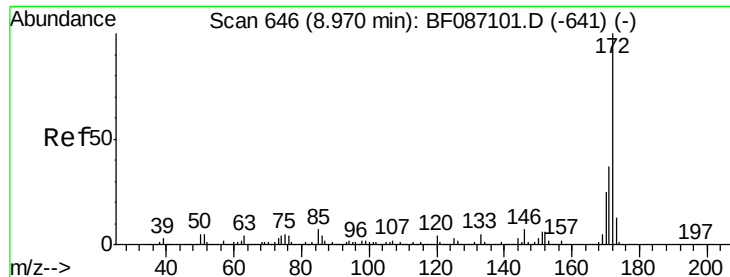


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

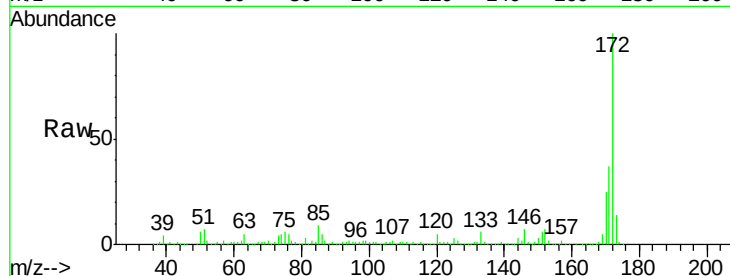




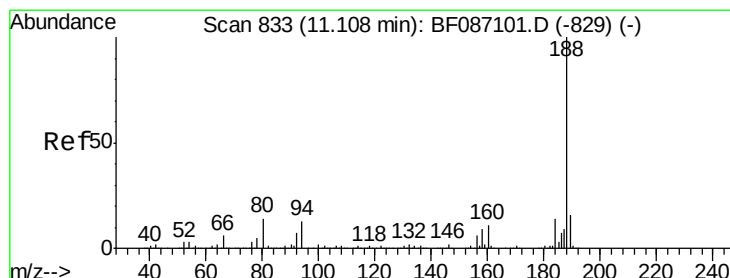
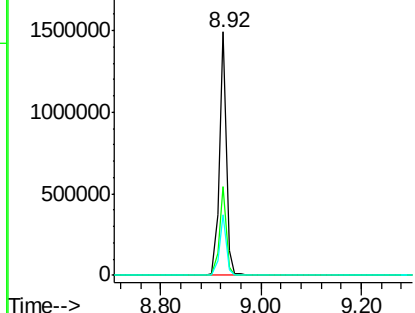
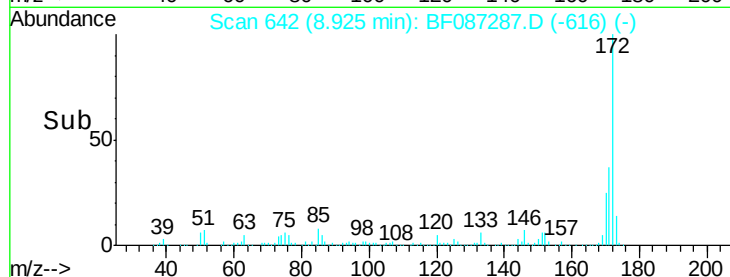
#44
2-Fluorobiphenyl
Concen: 98.80 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:172 Resp: 1419470
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 25.0 19.8 29.8

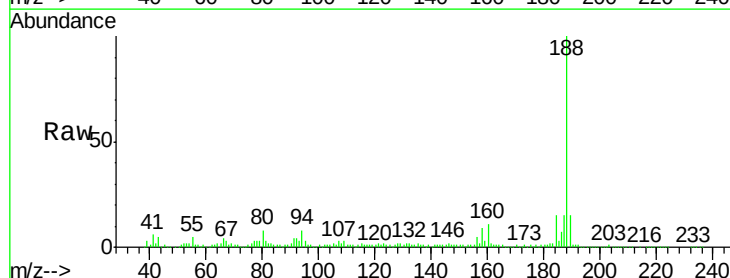


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

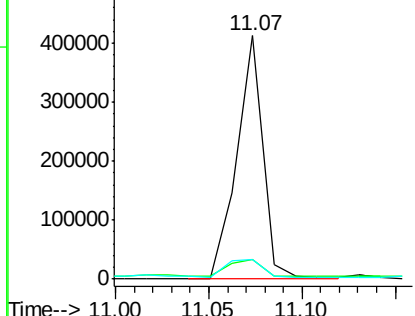
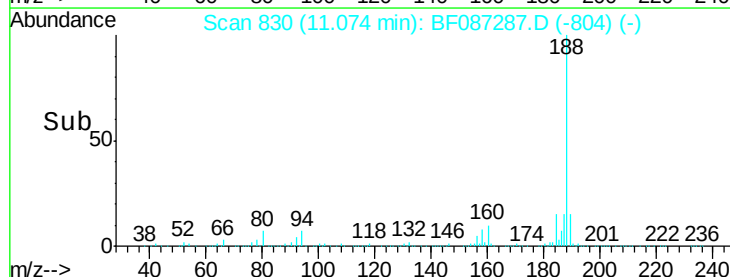


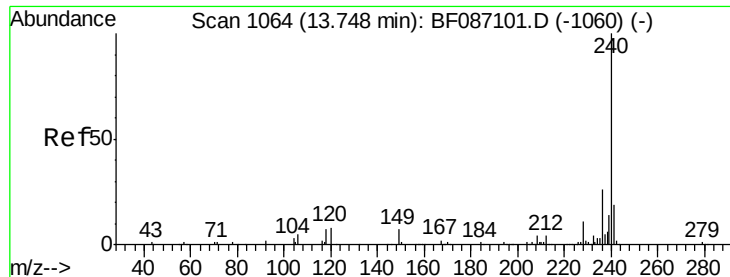
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF087287.D
Acq: 22 May 2016 13:25

Tgt Ion:188 Resp: 402232
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.3 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: 13.70 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

Instrument :

BNA_F

ClientSampleId :

MW-18

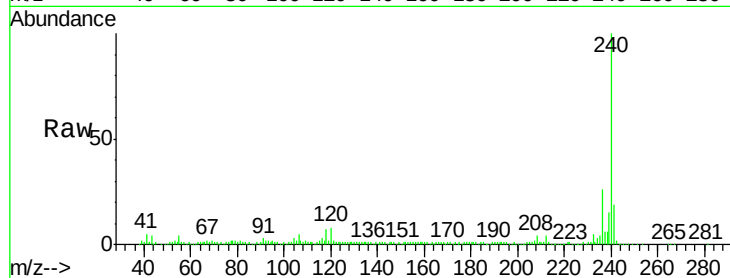
Tot Ion:240 Resp: 270616

Ion Ratio Lower Upper

240 100

120 7.8 11.2 16.8#

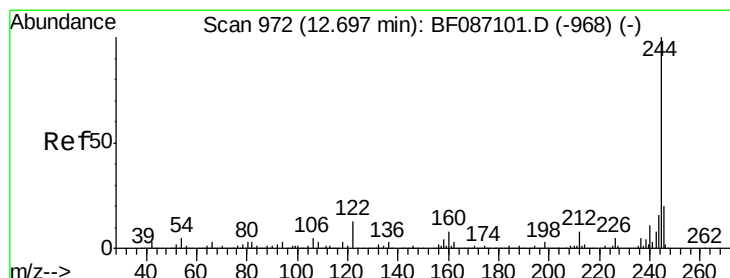
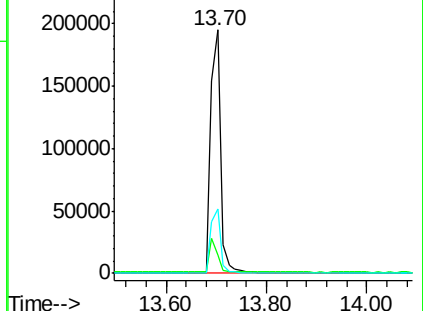
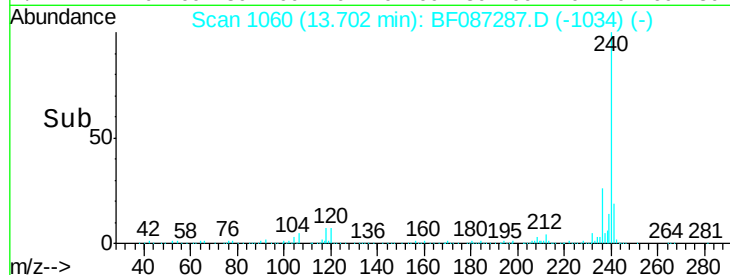
236 26.3 21.2 31.8



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: 85.81 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087287.D

Acq: 22 May 2016 13:25

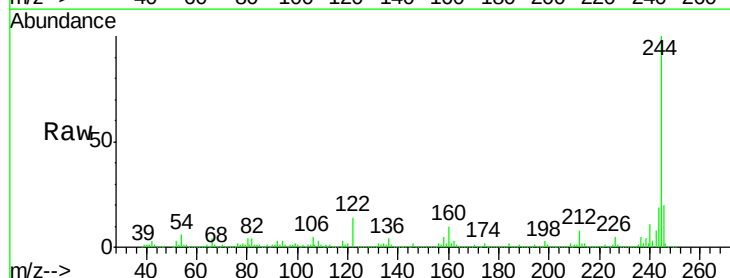
Tgt Ion:244 Resp: 1026578

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

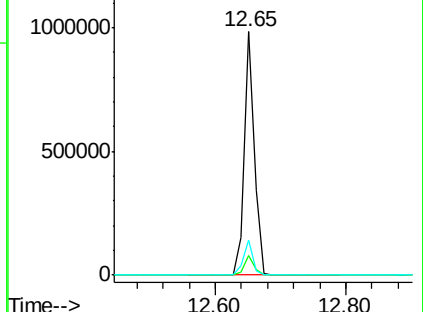
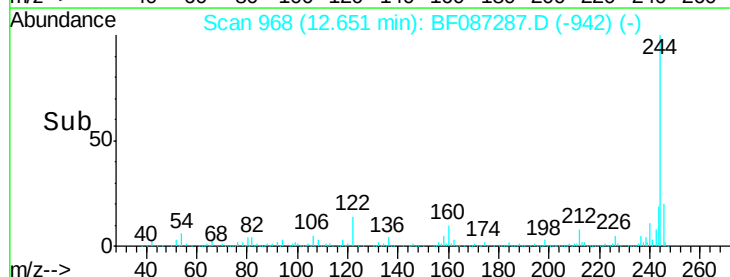
122 14.5 12.0 18.0

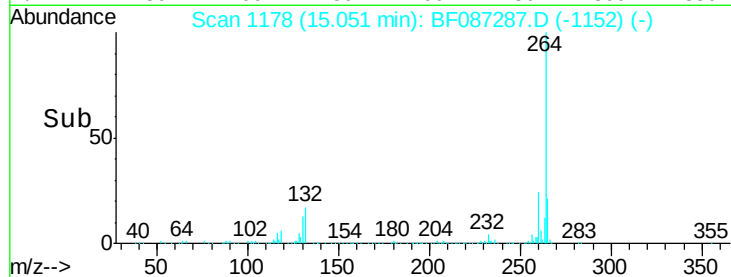
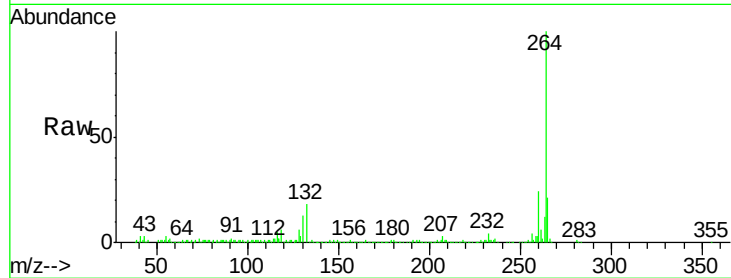
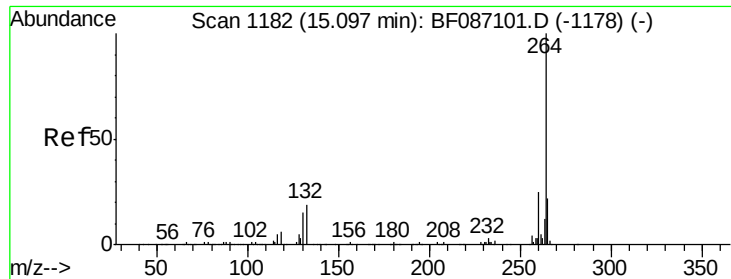


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087287.D
Acq: 22 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.2	17.3	25.9

