

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087285.D
 Acq On : 22 May 2016 12:27
 Operator : UM/SJ
 Sample : H3172-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: May 23 03:59:15 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

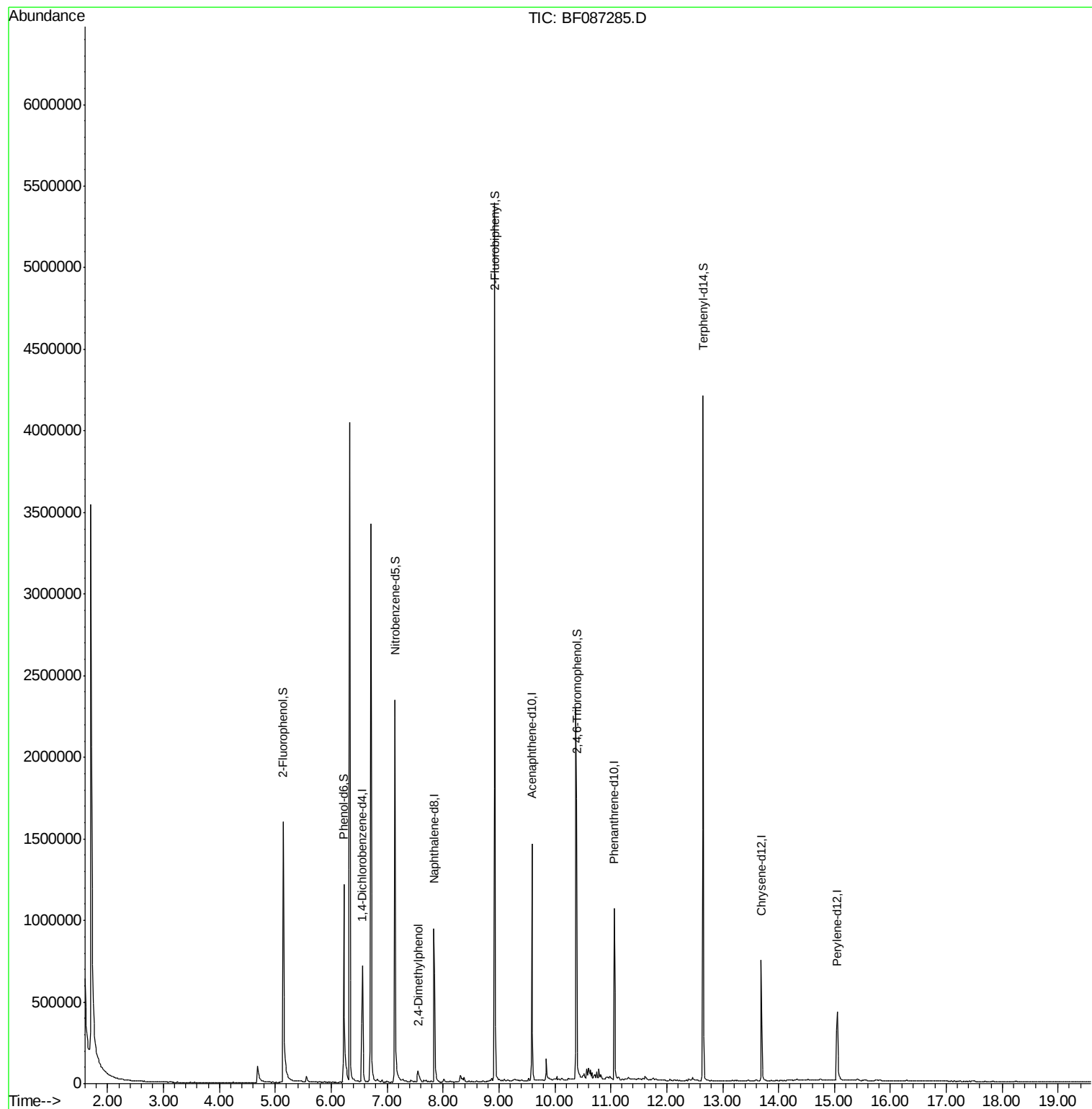
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	130363	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	549628	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	264433	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	430630	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	299052	20.00	ng	-0.01
86) Perylene-d12	15.05	264	237654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	541605	69.83	ng	0.00
7) Phenol-d6	6.23	99	464748	44.68	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1111423	100.78	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	377733	129.27	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1593728	99.82	ng	0.00
78) Terphenyl-d14	12.65	244	1273602	96.34	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.55	122	28083	3.30	ng	Qvalue 92

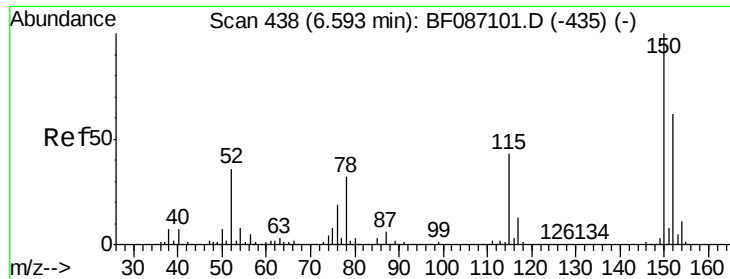
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

BNA_F

ClientSampleId :

MW-16

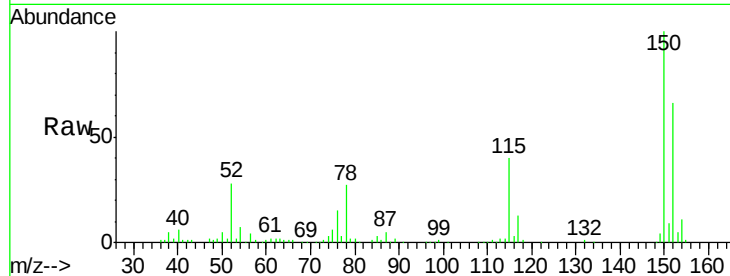
Tot Ion:152 Resp: 130363

Ion Ratio Lower Upper

152 100

150 152.1 125.8 188.6

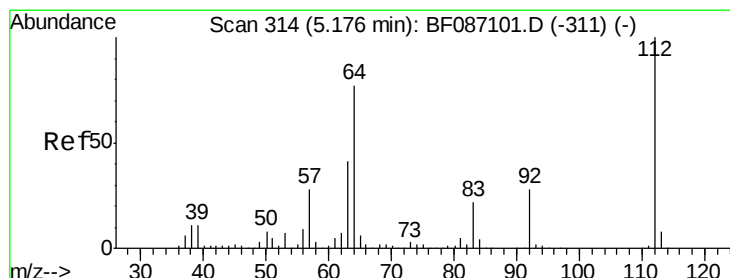
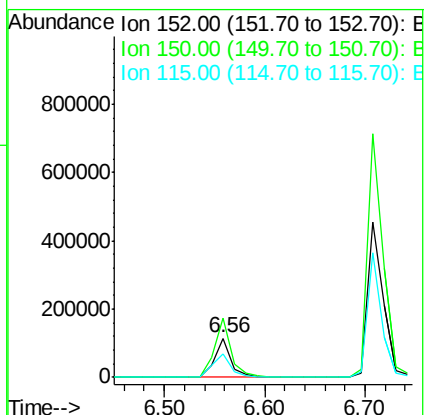
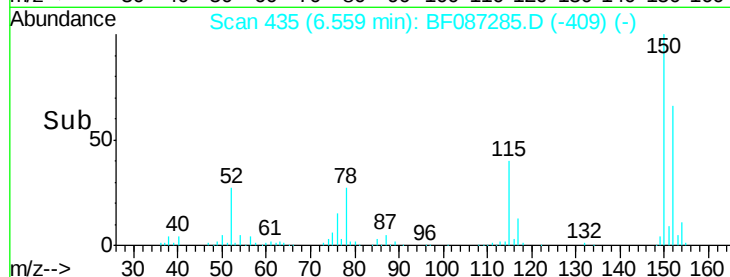
115 60.3 51.5 77.3



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: 69.83 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

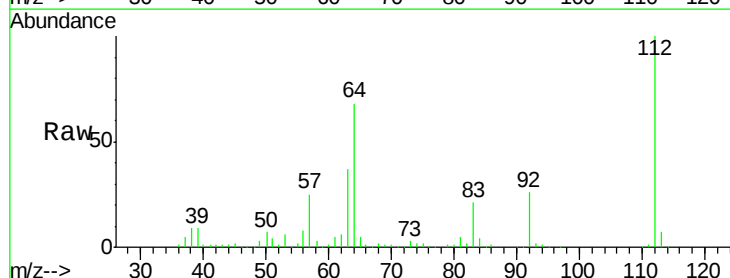
Tgt Ion:112 Resp: 541605

Ion Ratio Lower Upper

112 100

64 67.6 52.1 78.1

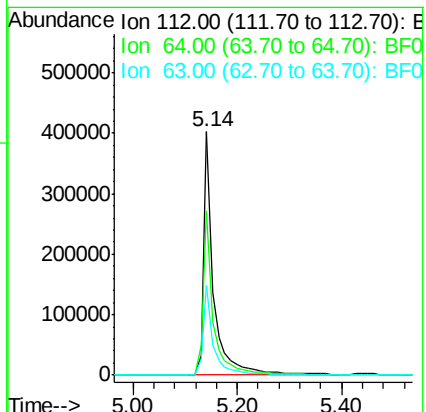
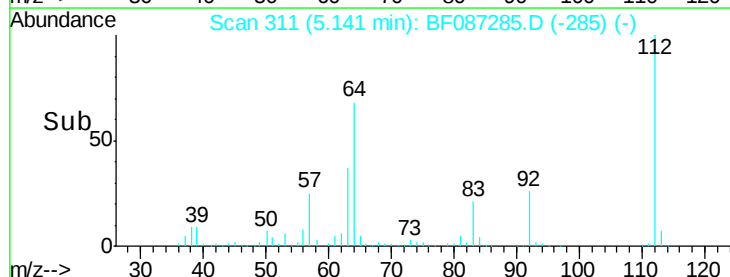
63 37.0 25.7 38.5

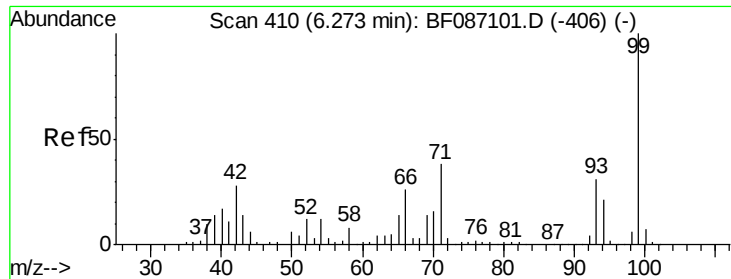


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.68 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

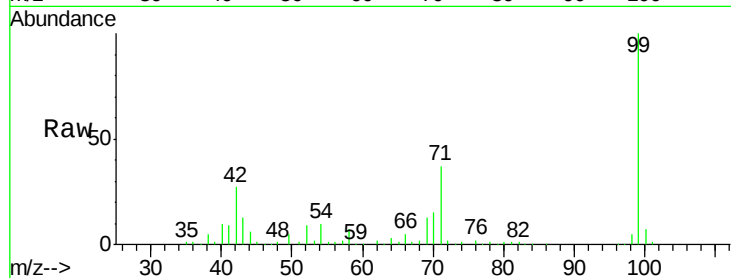
BNA_F

ClientSampled :

MW-16

Tot Ion: 99 Resp: 464748

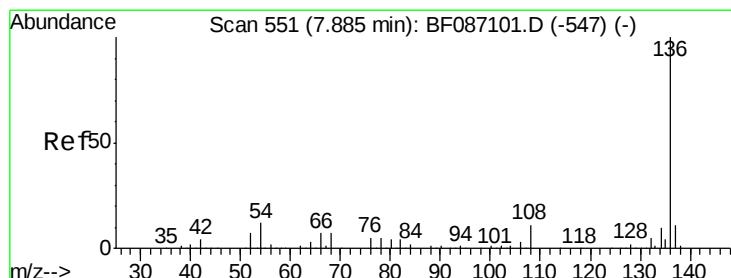
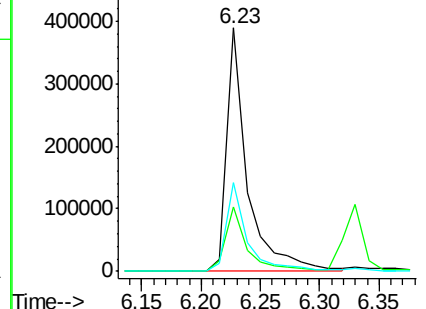
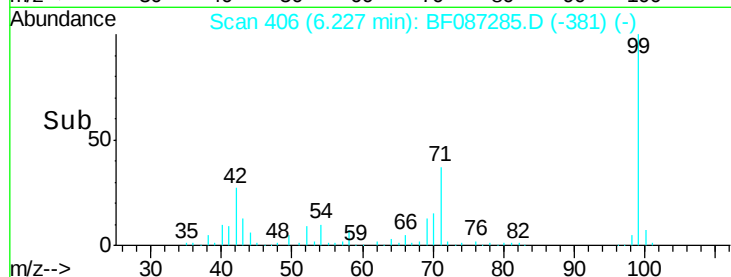
Ion	Ratio	Lower	Upper
99	100		
42	26.6	13.6	20.4#
71	36.7	24.6	36.8



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: 7.84 min Scan# 547

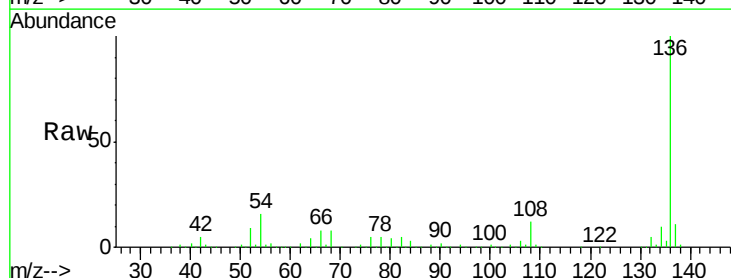
Delta R.T. -0.01 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

Tgt Ion: 136 Resp: 549628

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.7	5.0	7.4#
68	7.6	4.4	6.6#

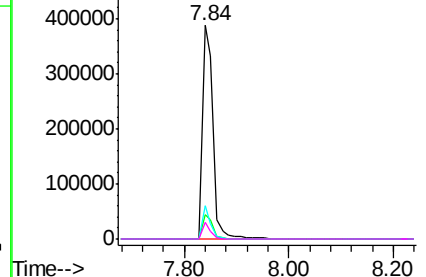
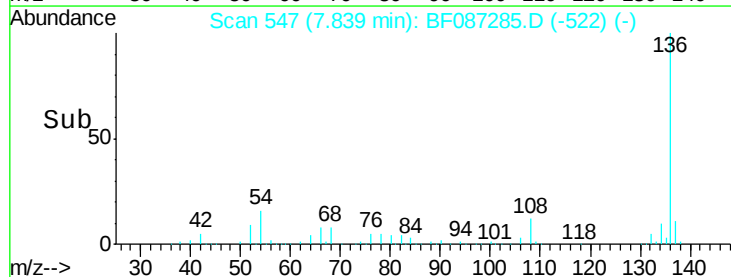


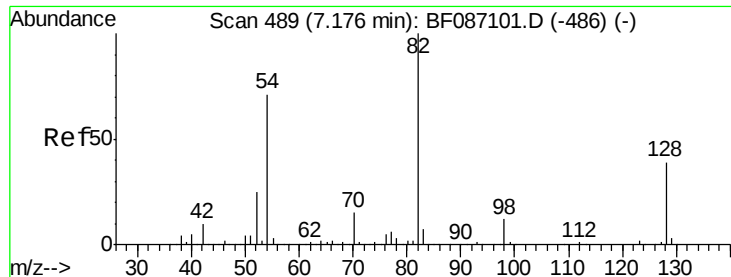
Abundance Ion 136.00 (135.70 to 136.70): E

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

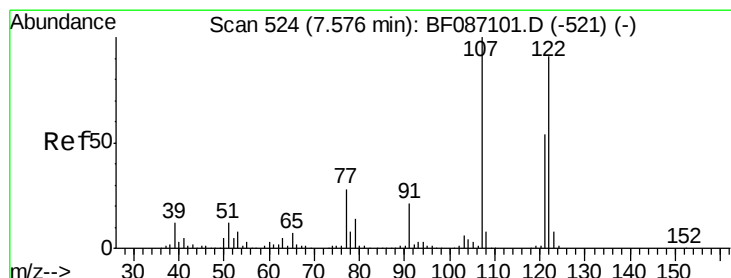
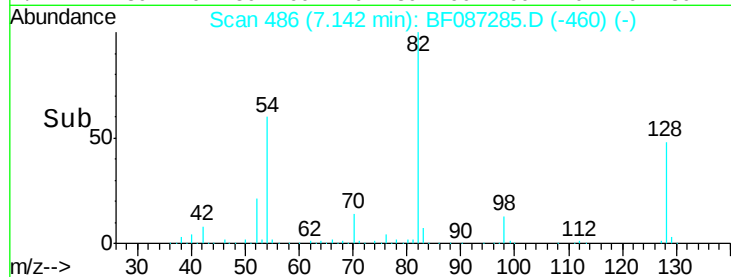
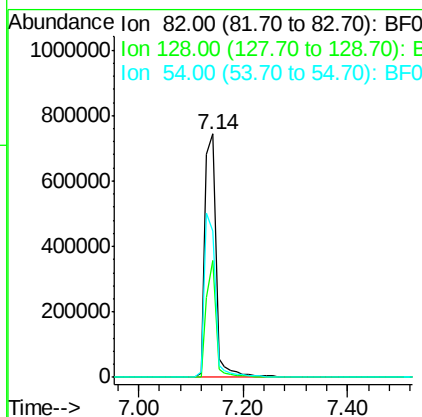
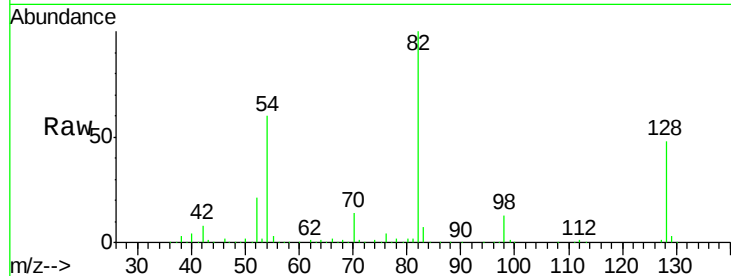




#23
 Nitrobenzene-d5
 Concen: 100.78 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

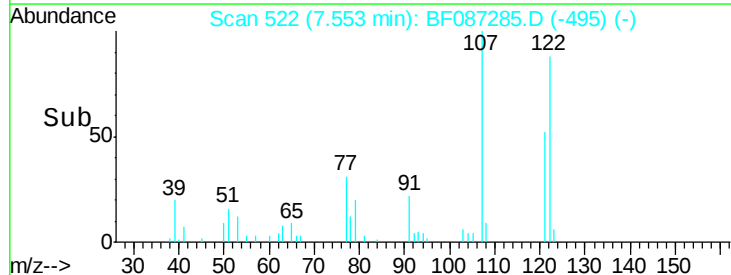
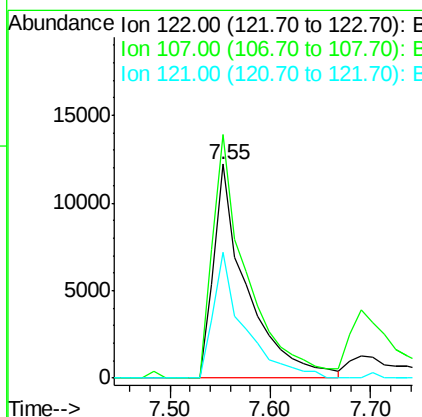
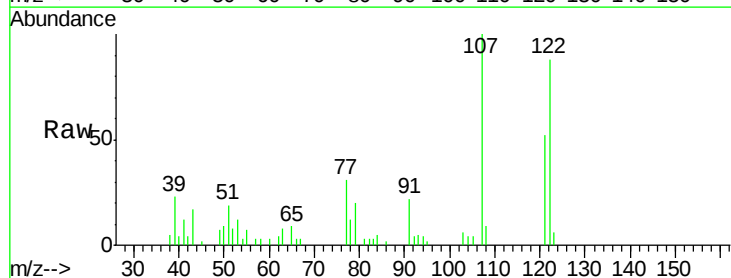
Instrument :
 BNA_F
 ClientSampleID :
 MW-16

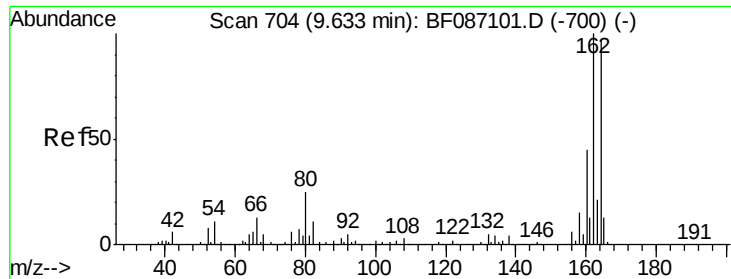
Tot Ion: 82 Resp: 1111423
 Ion Ratio Lower Upper
 82 100
 128 48.2 40.6 61.0
 54 60.1 38.1 57.1#



#27
 2,4-Dimethylphenol
 Concen: 3.30 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion: 122 Resp: 28083
 Ion Ratio Lower Upper
 122 100
 107 113.9 82.0 123.0
 121 58.7 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: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

BNA_F

ClientSampleId :

MW-16

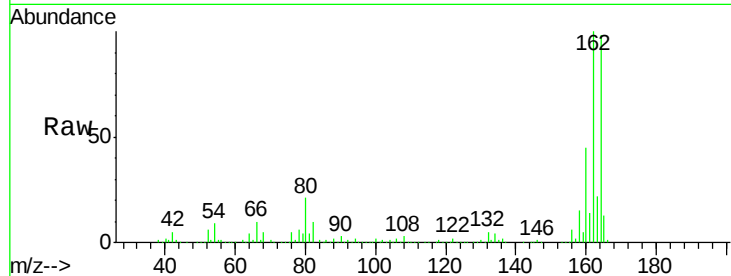
Tot Ion:164 Resp: 264433

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

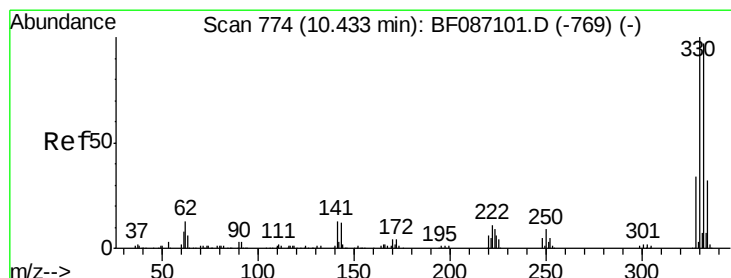
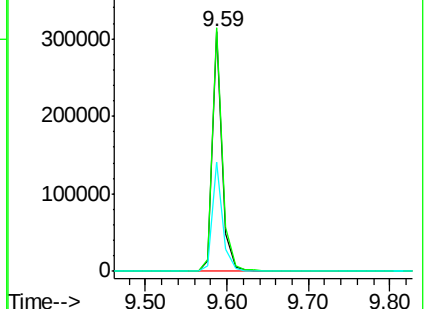
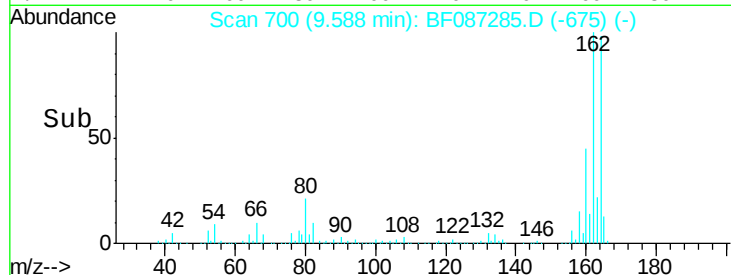
160 45.5 36.9 55.3



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: 129.27 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

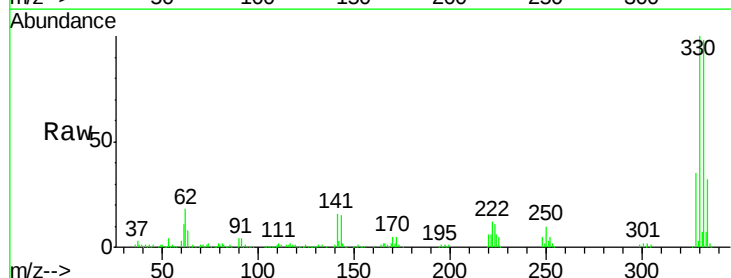
Tgt Ion:330 Resp: 377733

Ion Ratio Lower Upper

330 100

332 97.5 79.0 118.4

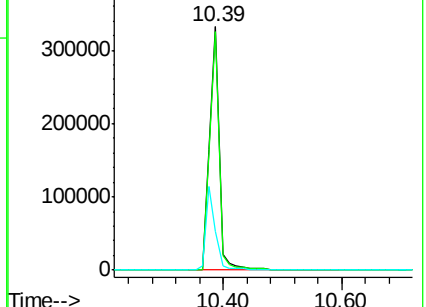
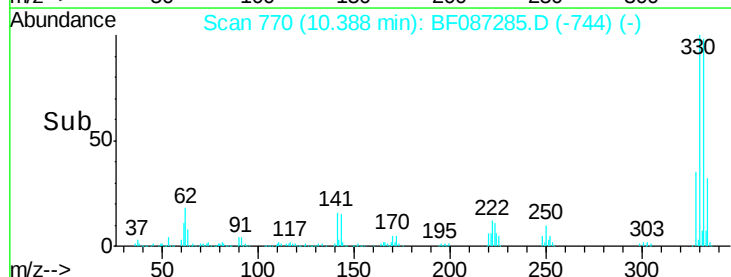
141 35.1 31.2 46.8

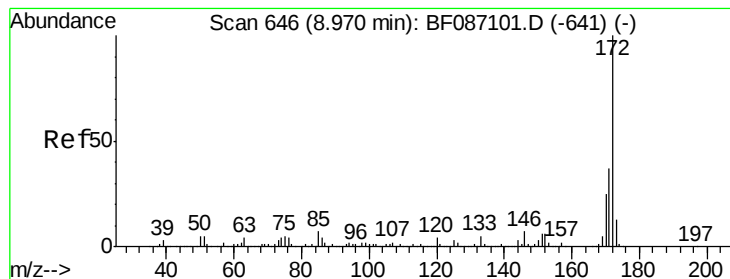


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



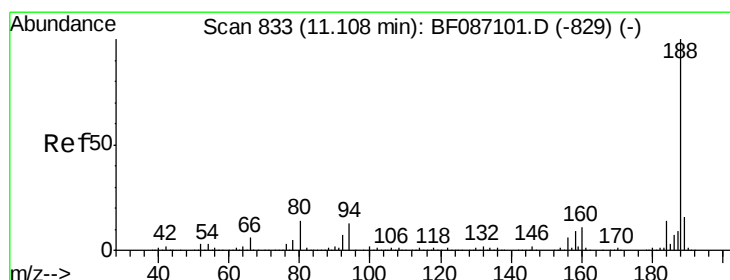
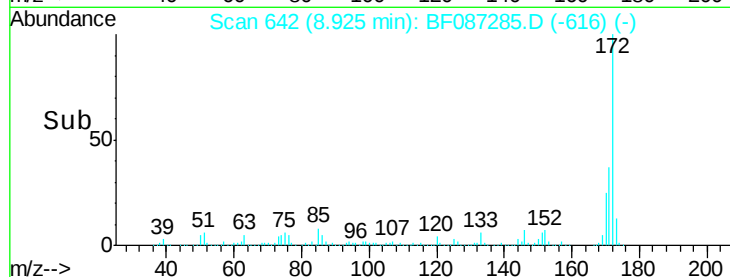
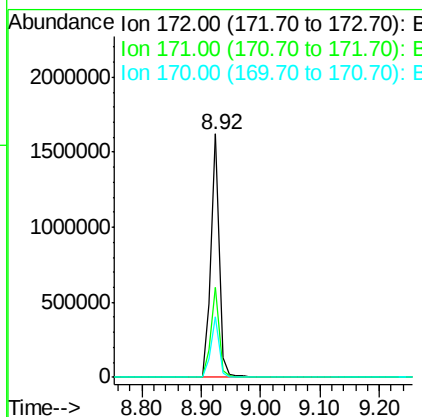
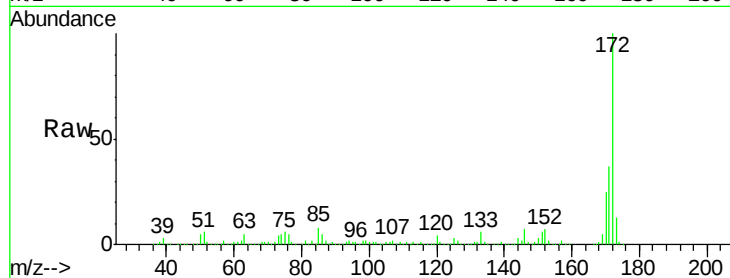


#44
 2-Fluorobiphenyl
 Concen: 99.82 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Instrument :
 BNA_F
 ClientSampled :
 MW-16

Tot Ion:172 Resp: 1593728

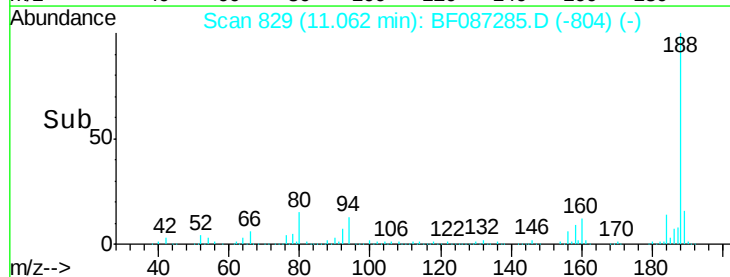
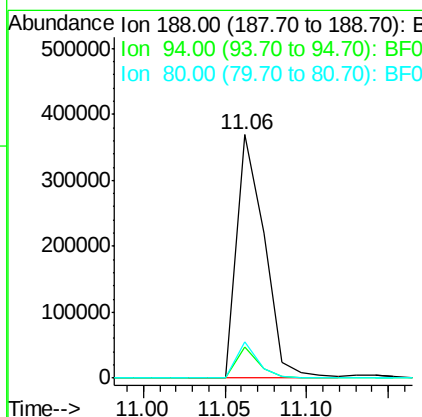
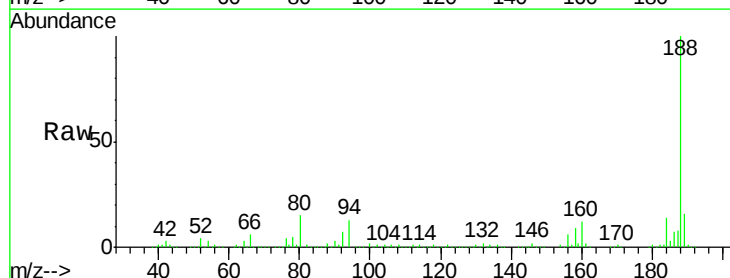
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.0	19.8	29.8

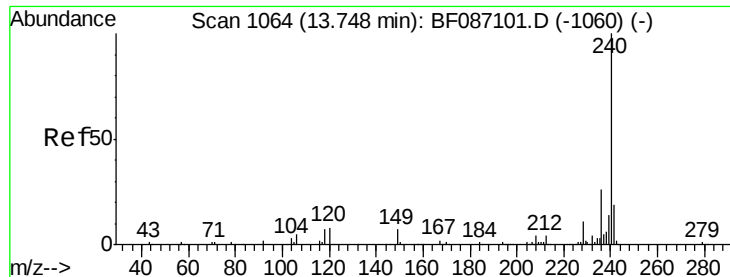


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion:188 Resp: 430630

Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.8	10.2#
80	14.6	7.1	10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

BNA_F

ClientSampleId :

MW-16

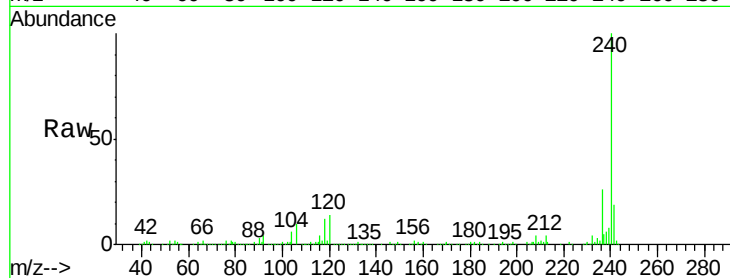
Tot Ion:240 Resp: 299052

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

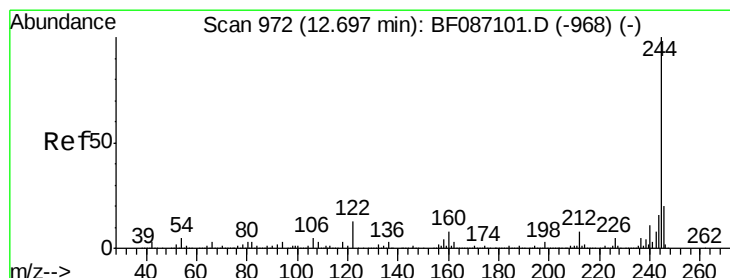
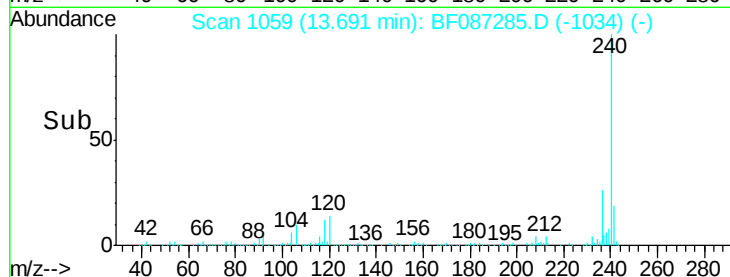
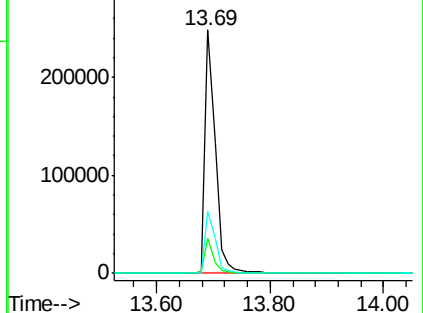
236 25.6 21.2 31.8



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: 96.34 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

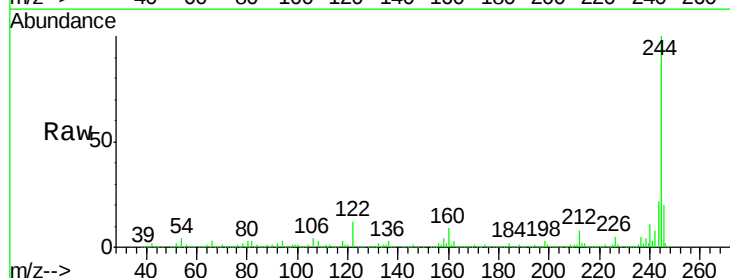
Tgt Ion:244 Resp: 1273602

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

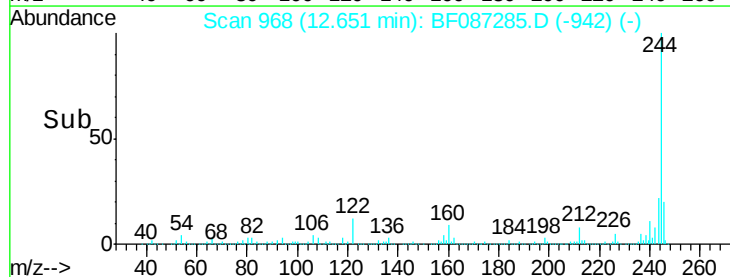
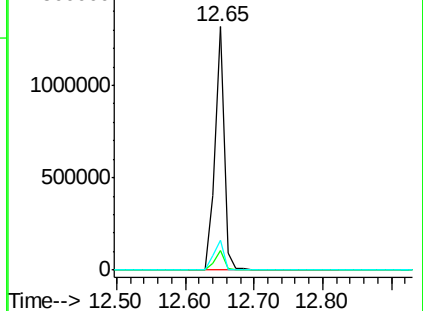
122 12.3 12.0 18.0

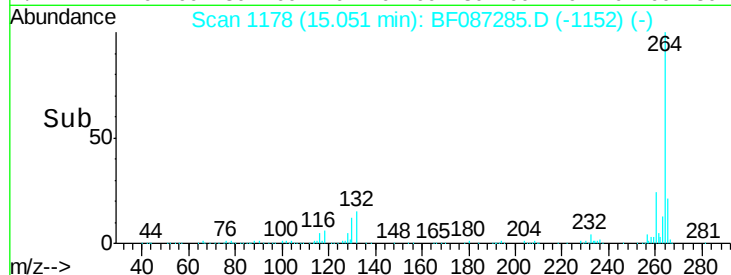
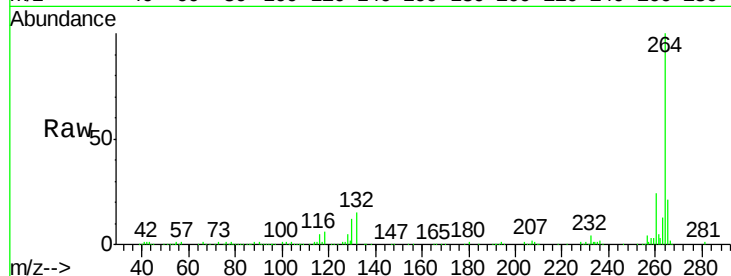
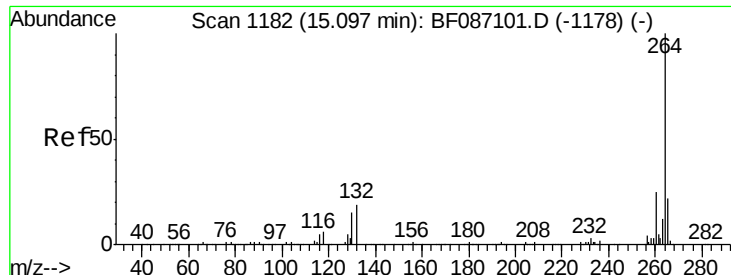


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:264	Resp:	237654
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.5 29.3
265	21.1	17.3 25.9

