

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
 Data File : BF076914.D
 Acq On : 16 Jan 2015 18:29
 Operator : IZ / TP
 Sample : G1091-04
 Misc : W
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-P

Quant Time: Jan 19 09:59:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 16 21:57:04 2015
 Response via : Initial Calibration

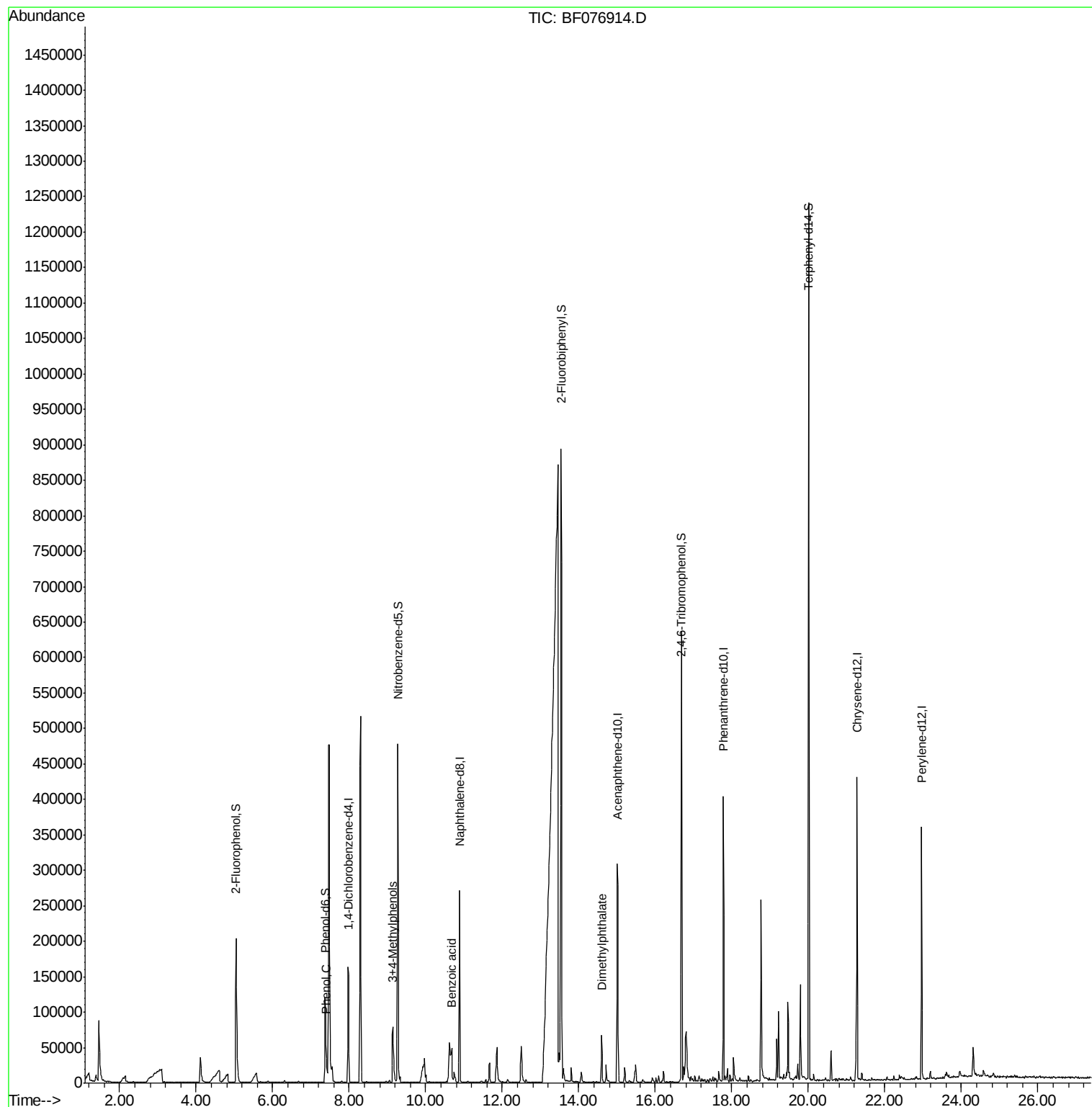
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	46590	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	205345	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	114550	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	191803	20.00	ng	0.00
75) Chrysene-d12	21.27	240	170795	20.00	ng	0.00
86) Perylene-d12	22.96	264	153026	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	112475	39.69	ng	0.00
7) Phenol-d6	7.37	99	85668	23.97	ng	0.00
23) Nitrobenzene-d5	9.27	82	241324	65.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	98776	106.23	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	504333	67.00	ng	0.00
78) Terphenyl-d14	20.00	244	461443	62.20	ng	0.00
Target Compounds						
10) Phenol	7.41	94	7655	2.02	ng	Qvalue # 66
20) 3+4-Methylphenols	9.14	107	43648	12.35	ng	94
32) Benzoic acid	10.66	122	19728m	12.20	ng	
49) Dimethylphthalate	14.60	163	45444	5.59	ng	97

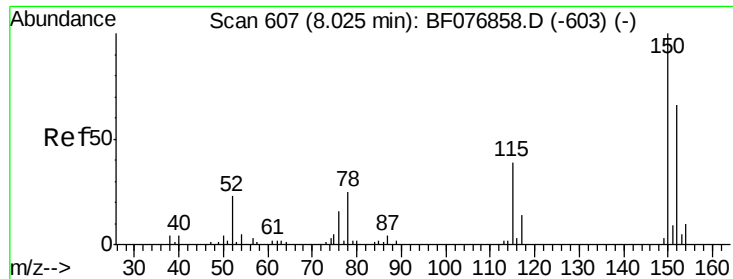
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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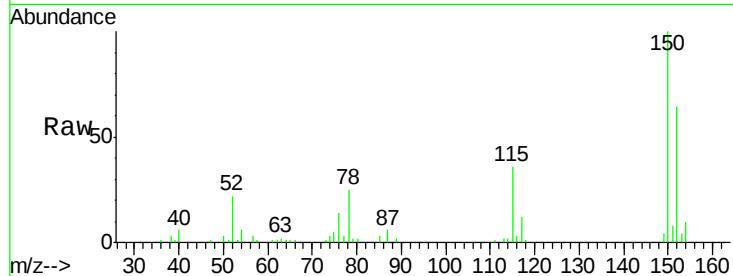


#1

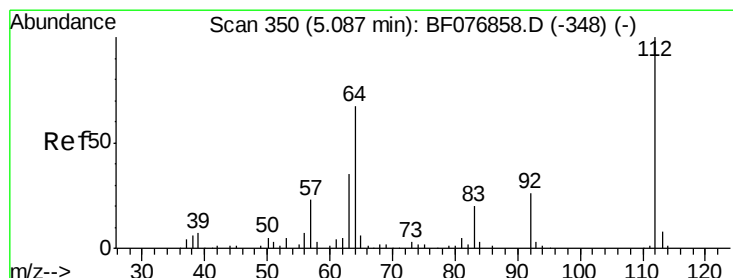
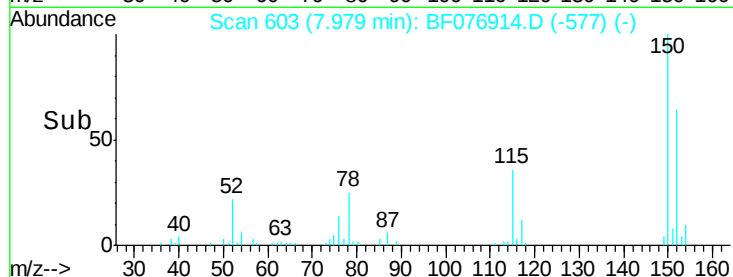
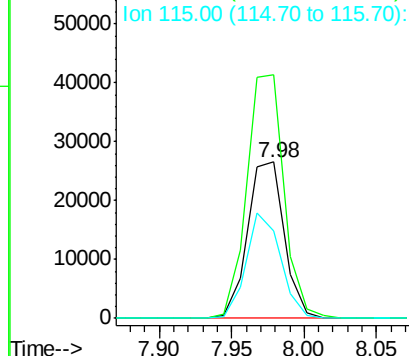
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampled :
MW-P

Tot Ion:152 Resp: 46590
Ion Ratio Lower Upper
152 100
150 155.6 121.7 182.5
115 56.0 47.0 70.6



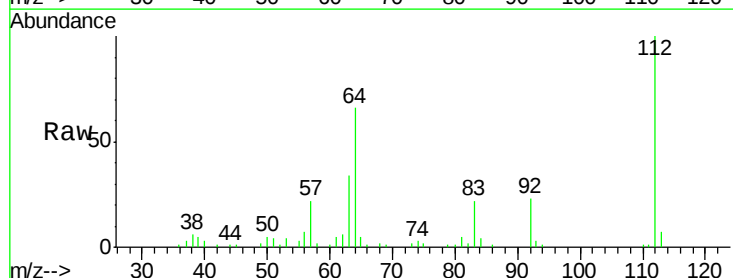
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



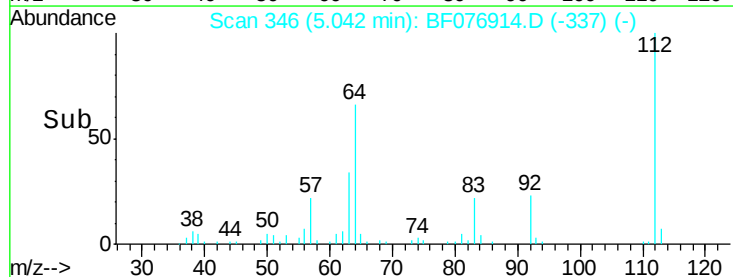
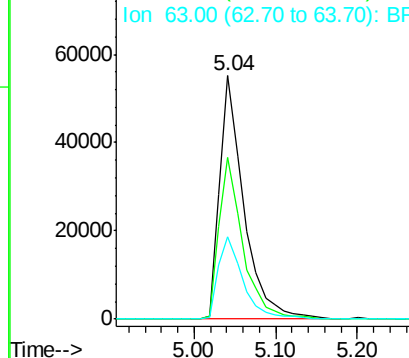
#5

2-Fluorophenol
Concen: 39.69 ng
RT: 5.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:112 Resp: 112475
Ion Ratio Lower Upper
112 100
64 66.3 54.2 81.4
63 33.9 28.4 42.6



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: 23.97 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF076914.D

Acq: 16 Jan 2015 18:29

Instrument :

BNA_F

ClientSampled :

MW-P

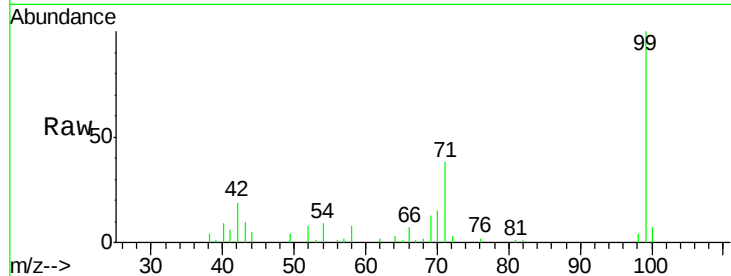
Tot Ion: 99 Resp: 85668

Ion Ratio Lower Upper

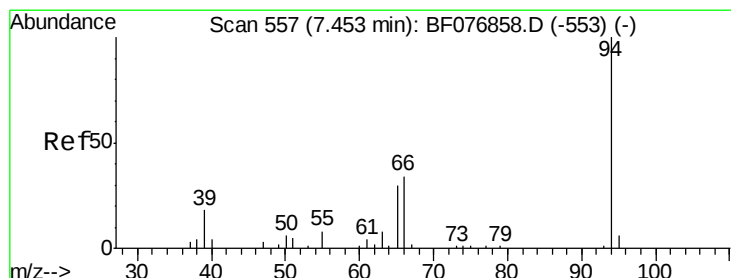
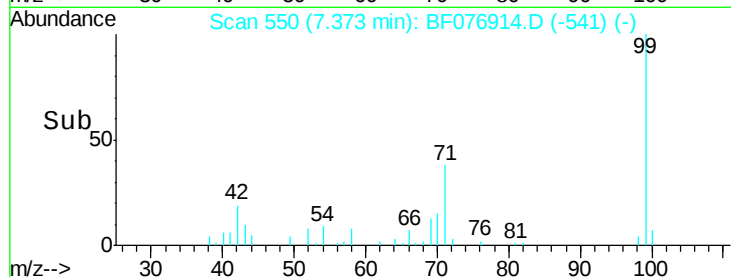
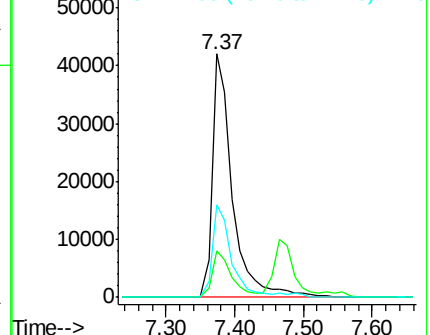
99 100

42 19.2 15.0 22.4

71 38.0 30.5 45.7



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



#10

Phenol

Concen: 2.02 ng

RT: 7.41 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF076914.D

Acq: 16 Jan 2015 18:29

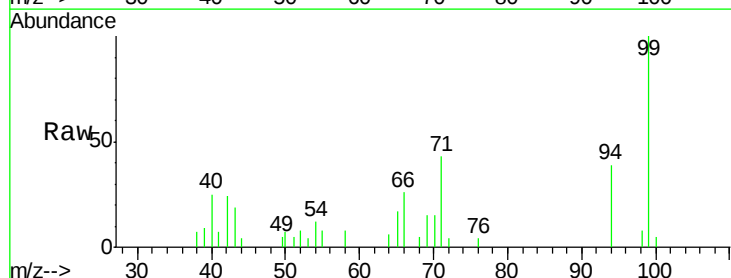
Tgt Ion: 94 Resp: 7655

Ion Ratio Lower Upper

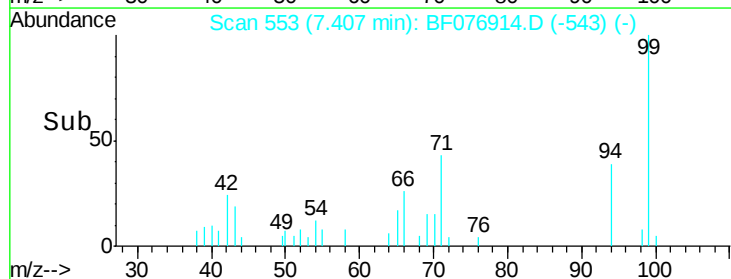
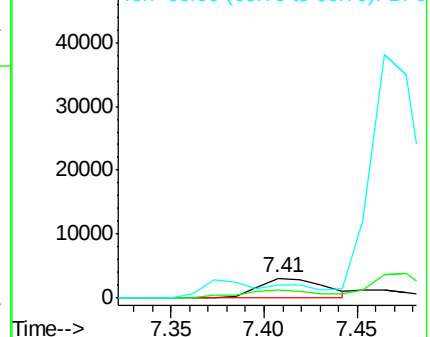
94 100

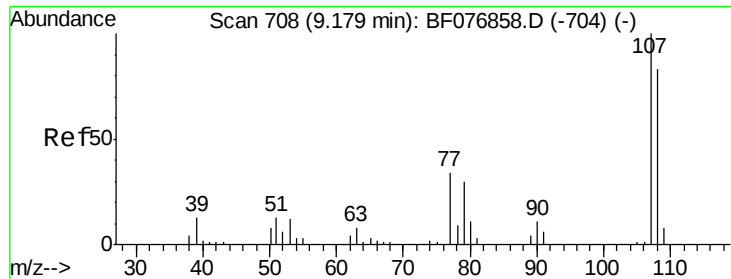
65 43.4 11.3 51.3

66 66.0 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

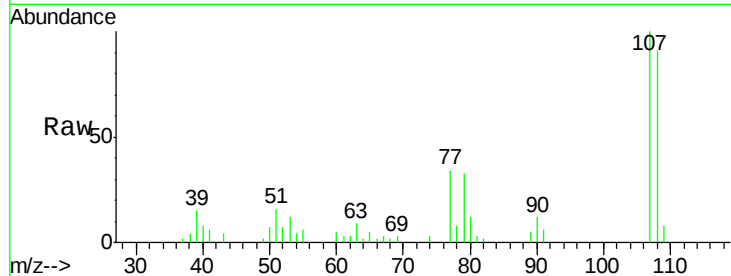




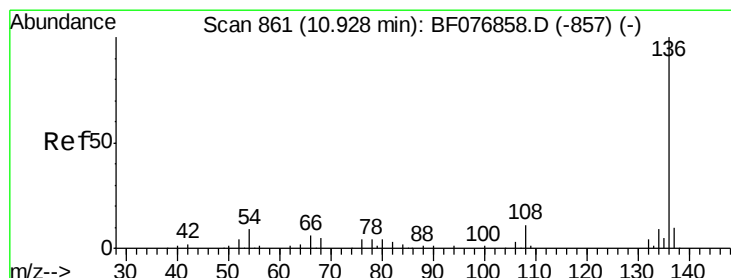
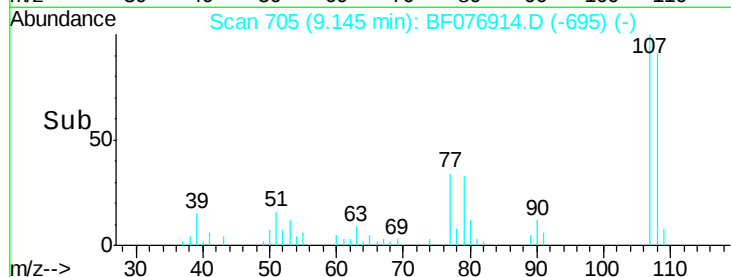
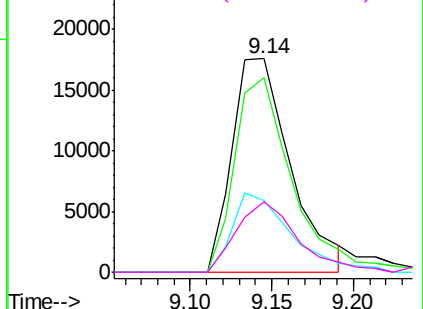
#20
3+4-Methylphenols
Concen: 12.35 ng
RT: 9.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tot Ion:107	Resp:	43648
Ion Ratio	Lower	Upper
107	100	
108	90.9	63.5 103.5
77	33.8	14.0 54.0
79	33.1	9.9 49.9

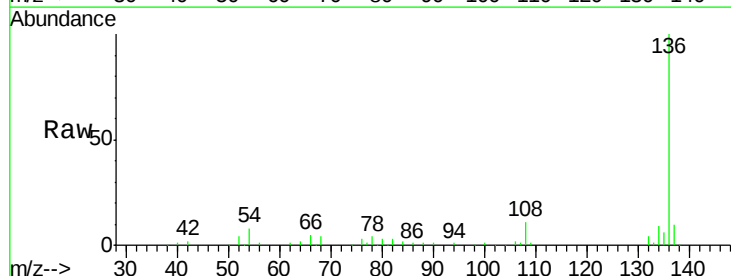


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

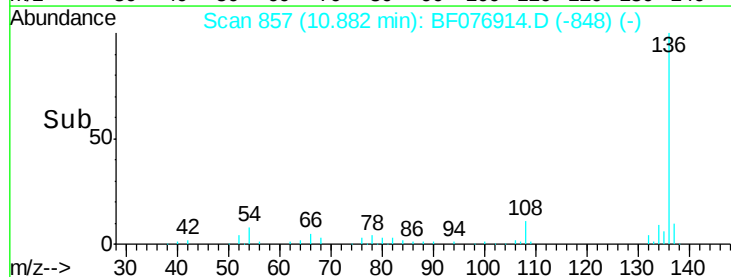
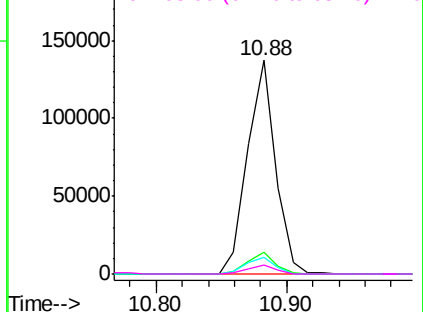


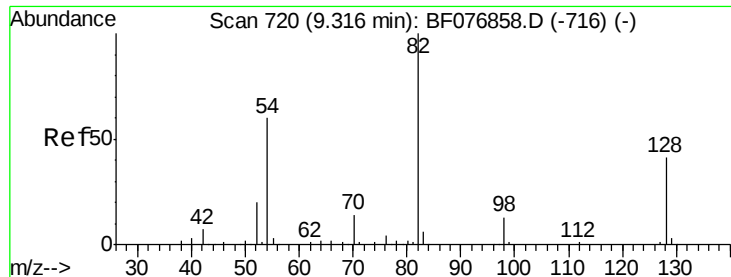
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:136	Resp:	205345
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.1 12.1
54	7.7	7.0 10.4
68	4.1	3.7 5.5



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

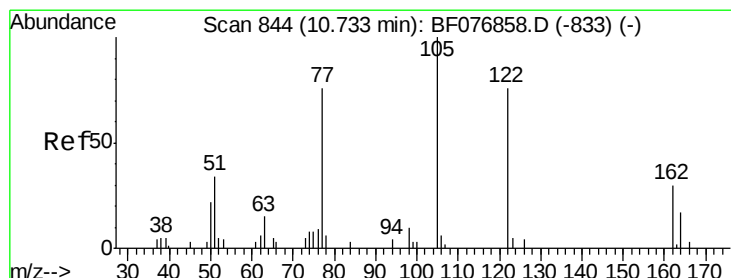
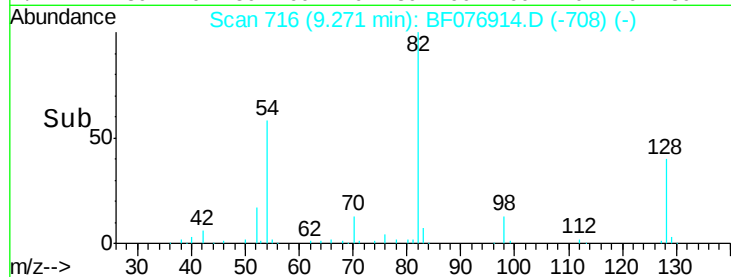
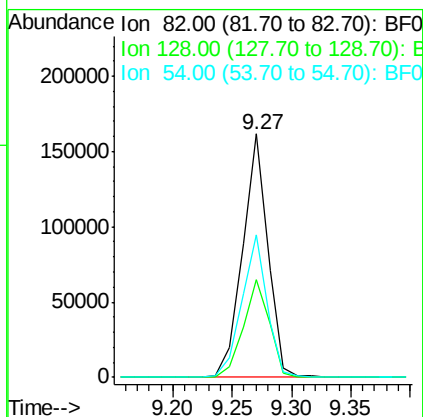
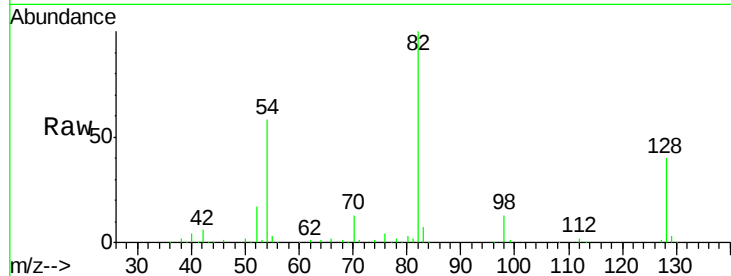




#23
 Nitrobenzene-d5
 Concen: 65.11 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076914.D
 Acq: 16 Jan 2015 18:29

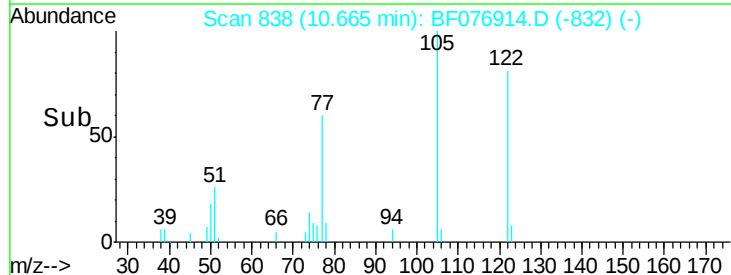
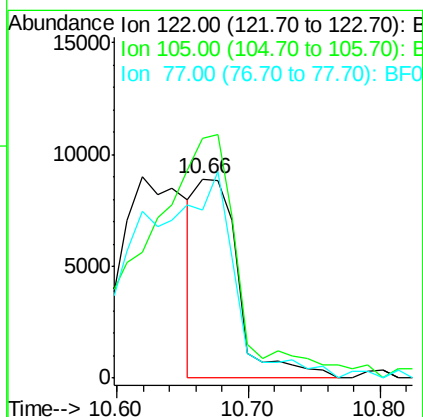
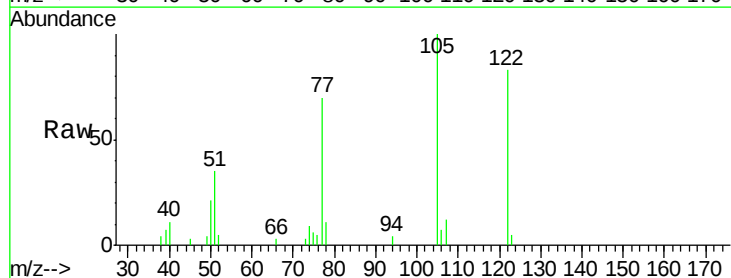
Instrument :
 BNA_F
 ClientSampleId :
 MW-P

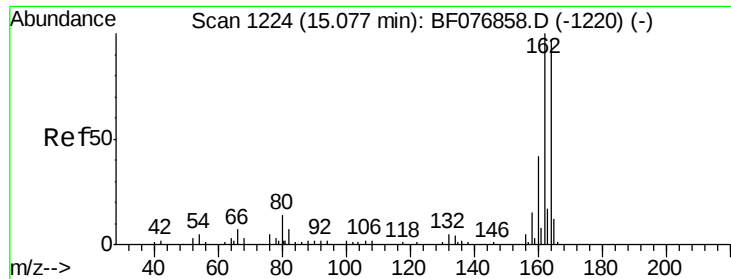
Tot Ion: 82 Resp: 241324
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.1 49.7
 54 58.5 48.3 72.5



#32
 Benzoic acid
 Concen: 12.20 ng m
 RT: 10.66 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF076914.D
 Acq: 16 Jan 2015 18:29

Tgt Ion: 122 Resp: 19728
 Ion Ratio Lower Upper
 122 100
 105 120.3 111.3 151.3
 77 84.3 79.2 119.2

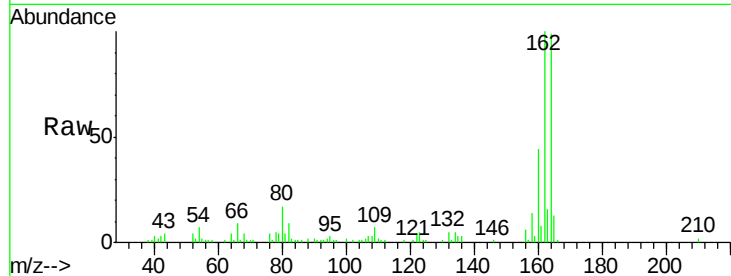




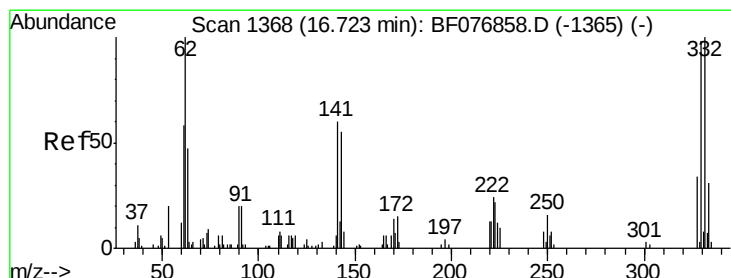
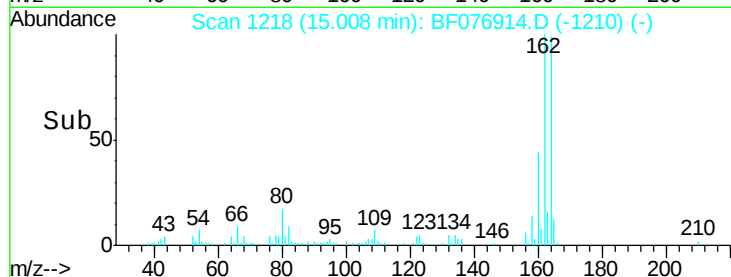
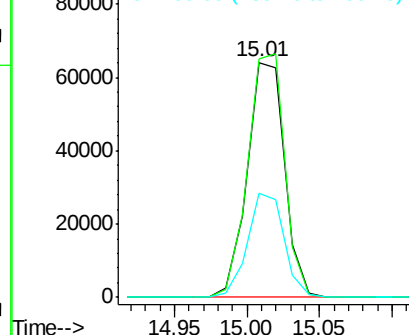
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tot Ion:164 Resp: 114550
Ion Ratio Lower Upper
164 100
162 101.1 82.4 123.6
160 44.3 34.8 52.2

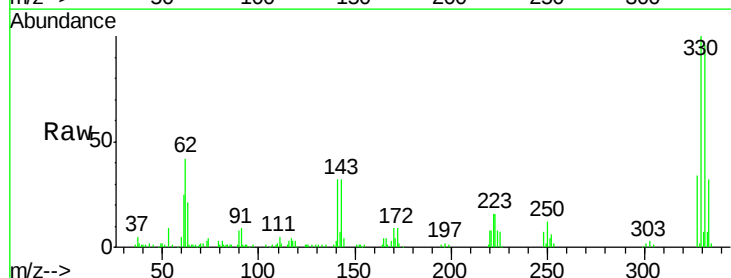


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

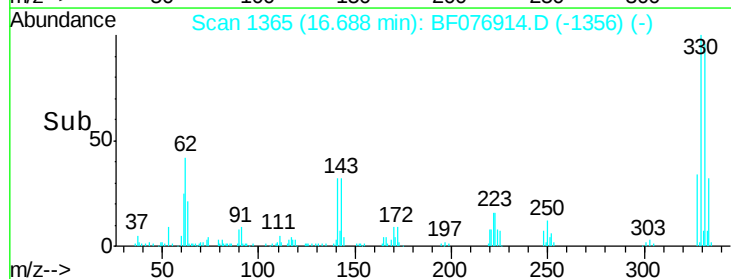
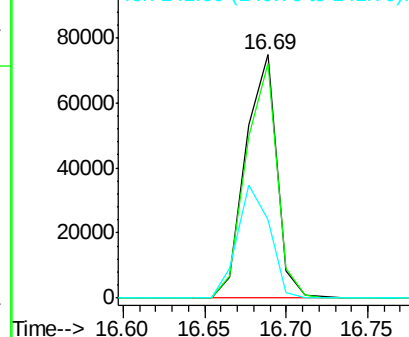


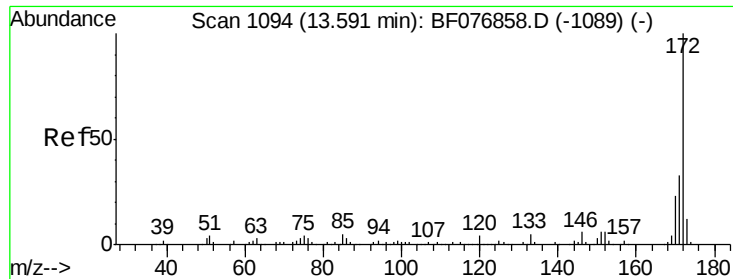
#41
2,4,6-Tribromophenol
Concen: 106.23 ng
RT: 16.69 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:330 Resp: 98776
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 48.6 38.5 57.7



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

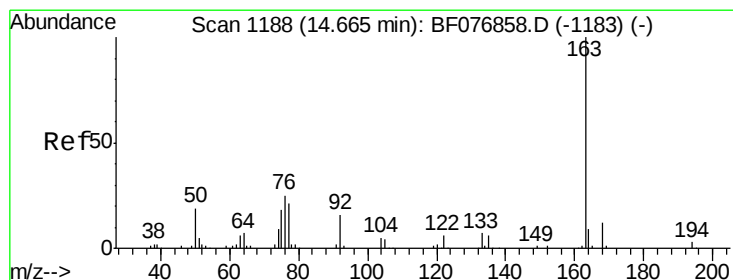
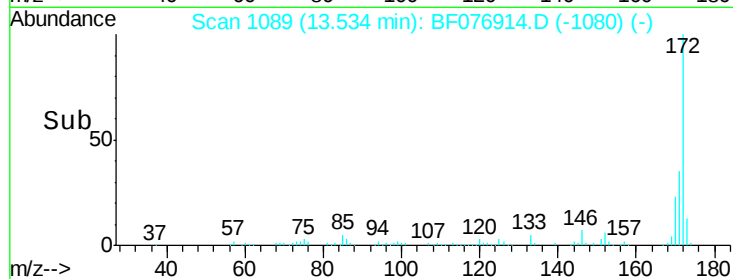
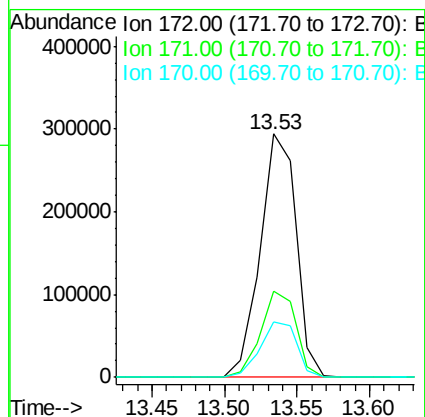
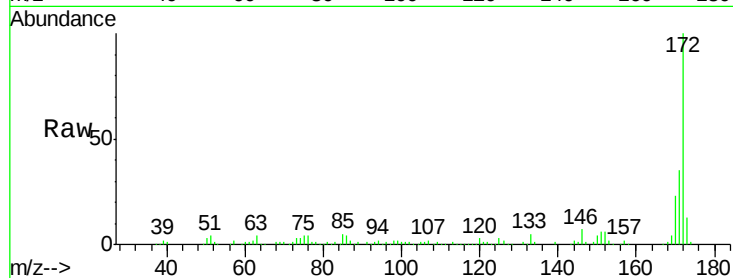




#44
2-Fluorobiphenyl
Concen: 67.00 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

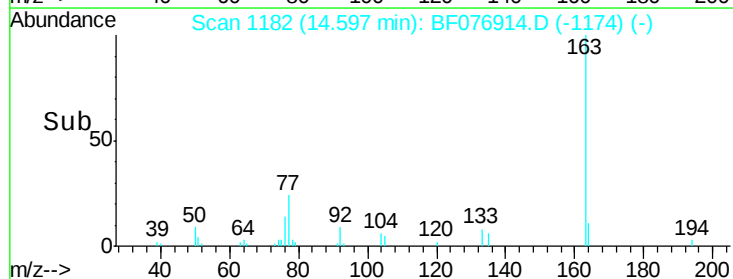
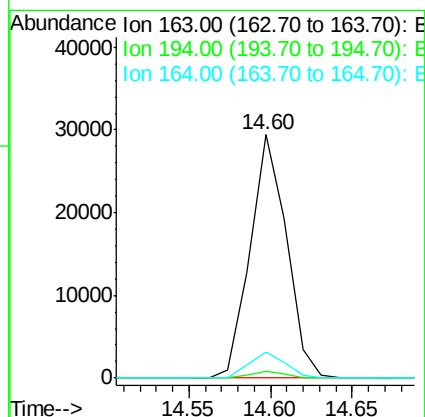
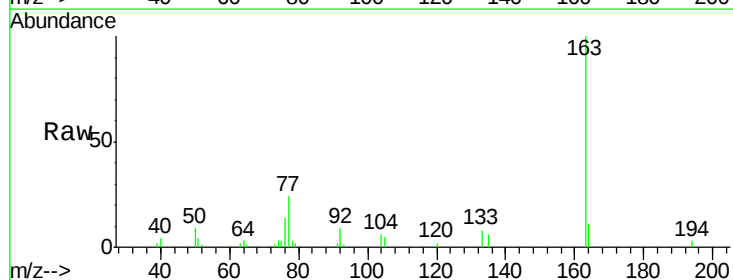
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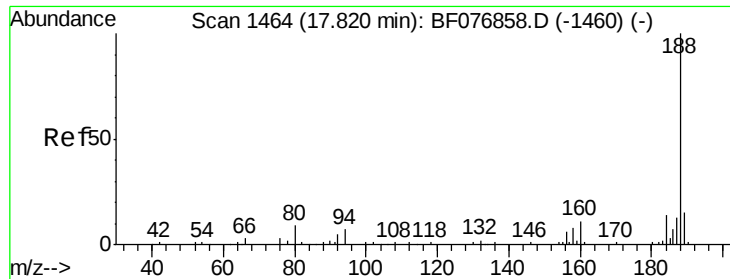
Tot Ion:172 Resp: 504333
Ion Ratio Lower Upper
172 100
171 35.2 26.6 40.0
170 22.9 18.0 27.0



#49
Dimethylphthalate
Concen: 5.59 ng
RT: 14.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:163 Resp: 45444
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.9 7.5 11.3

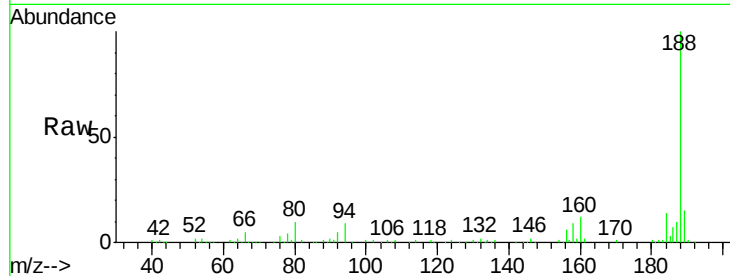




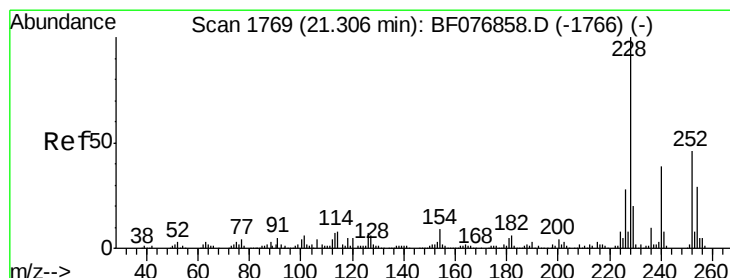
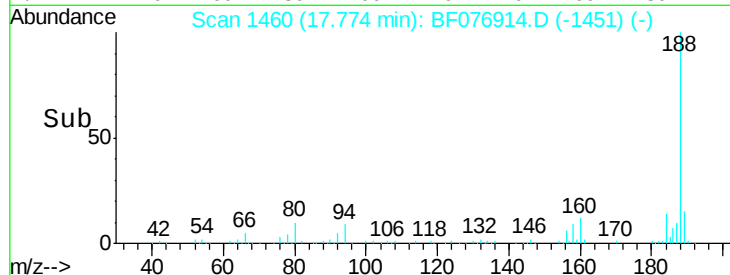
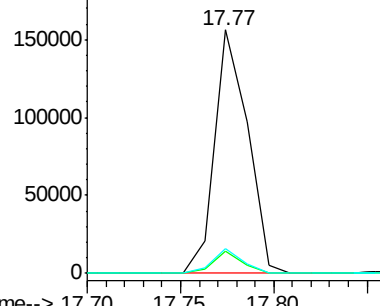
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :
MW-P

Tot Ion:188 Resp: 191803
Ion Ratio Lower Upper
188 100
94 8.9 6.0 9.0
80 10.0 6.9 10.3

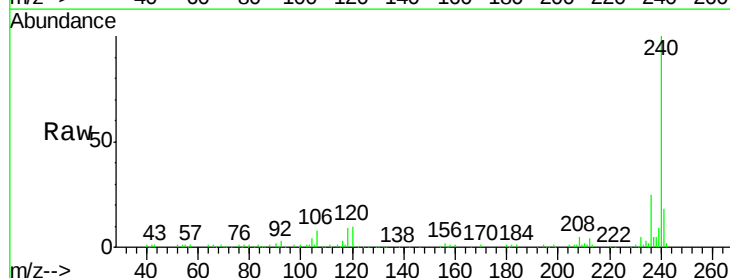


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

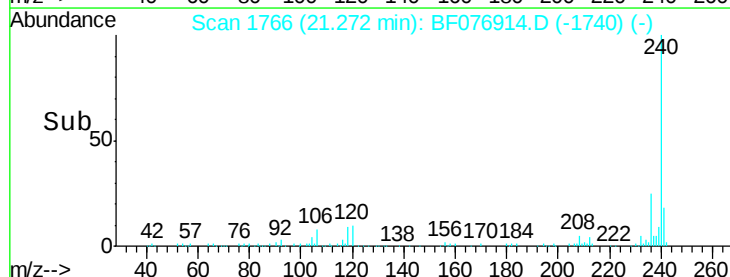
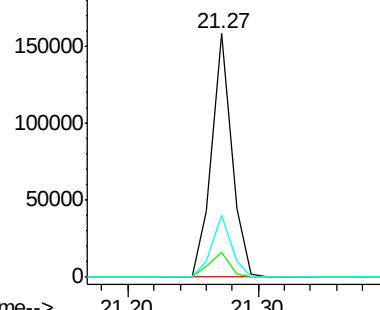


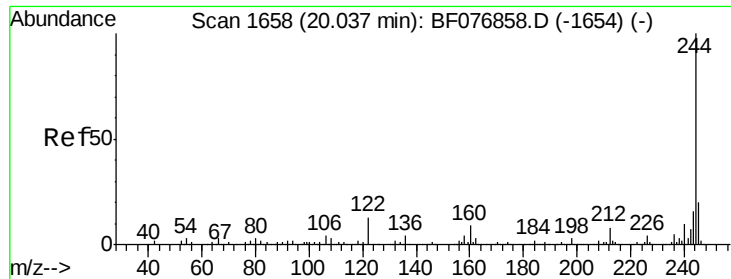
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion:240 Resp: 170795
Ion Ratio Lower Upper
240 100
120 10.0 10.4 15.6#
236 25.4 20.2 30.2



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: 62.20 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076914.D

Acq: 16 Jan 2015 18:29

Instrument :

BNA_F

ClientSampleId :

MW-P

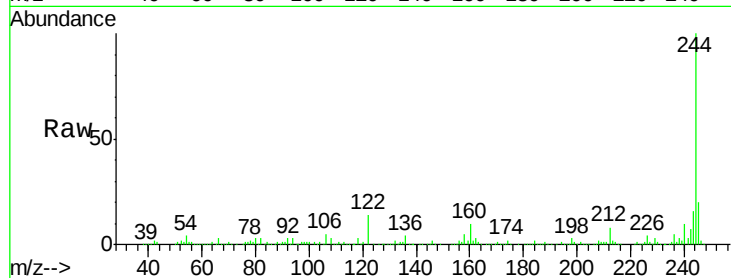
Tot Ion:244 Resp: 461443

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

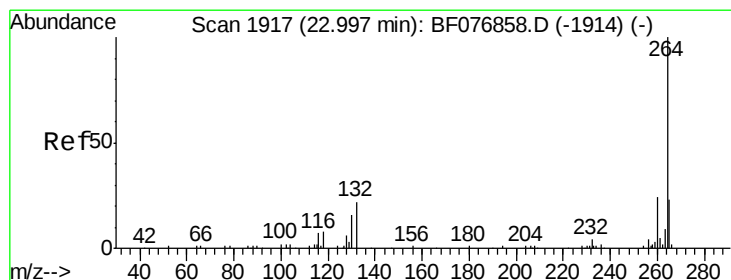
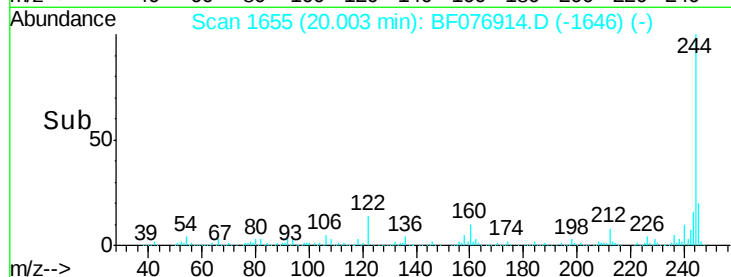
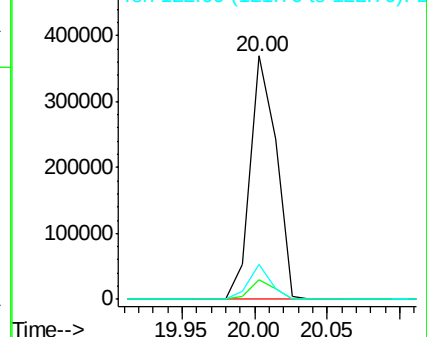
122 14.4 10.1 15.1



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: 22.96 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF076914.D

Acq: 16 Jan 2015 18:29

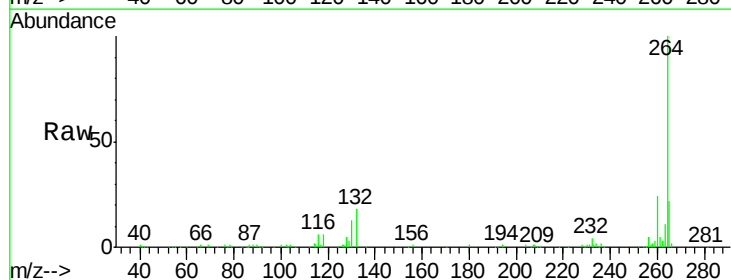
Tgt Ion:264 Resp: 153026

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 21.6 18.1 27.1



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

