

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 :

Quant Time: Jan 16 22:39:35 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

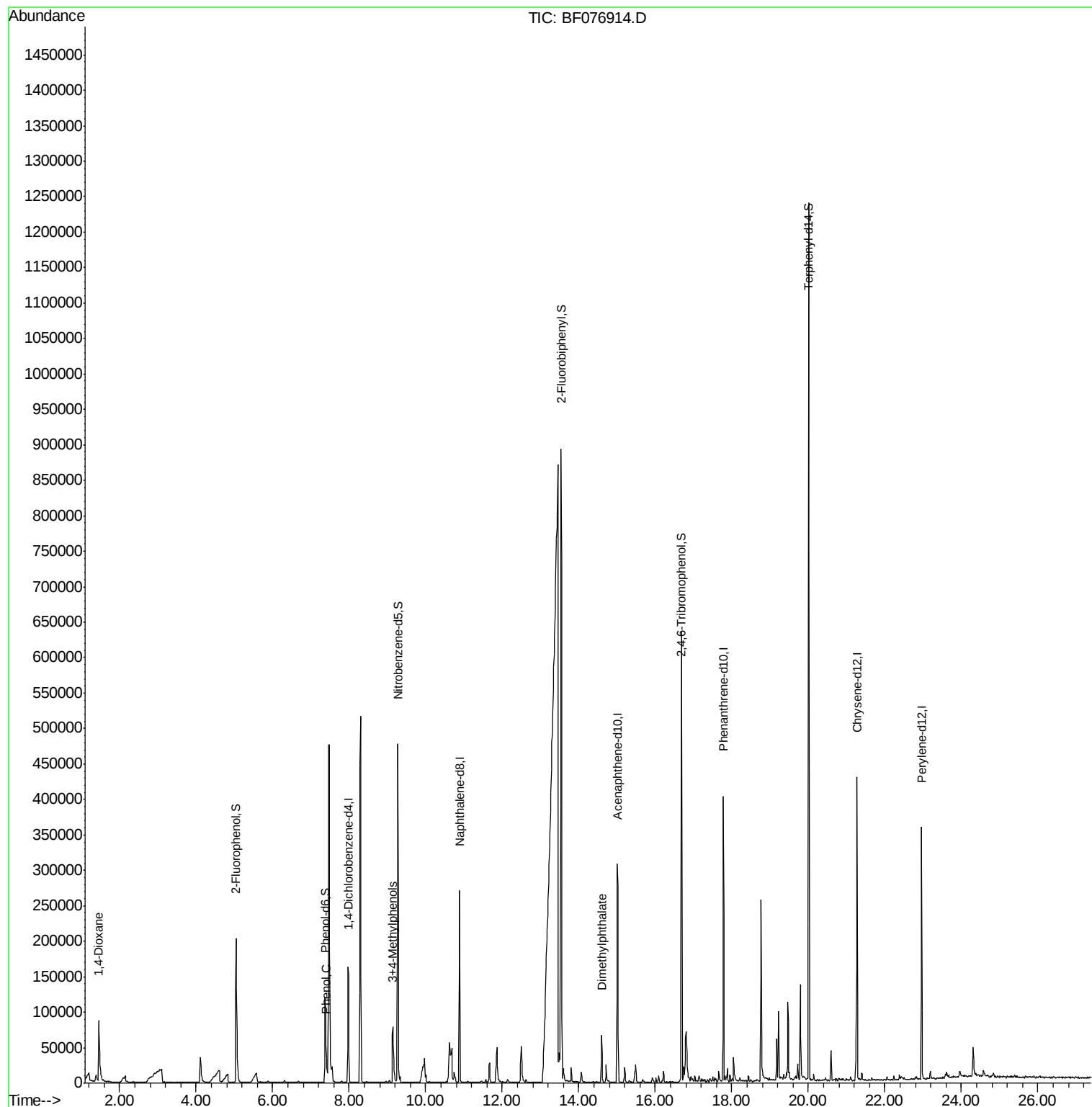
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	46590	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	205345	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	114550	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	191803	20.00	ng	0.00
75) Chrysene-d12	21.27	240	170795	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						
2) 1,4-Dioxane	1.45	88	3820	3.15	ng	# 12
10) Phenol	7.41	94	7655	2.02	ng	# 66
20) 3+4-Methylphenols	9.14	107	43648	12.35	ng	94
49) Dimethylphthalate	14.60	163	45444	5.59	ng	97

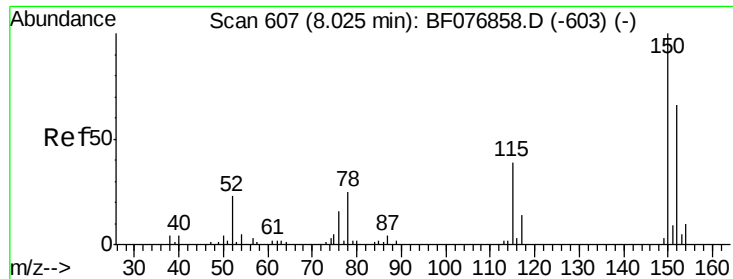
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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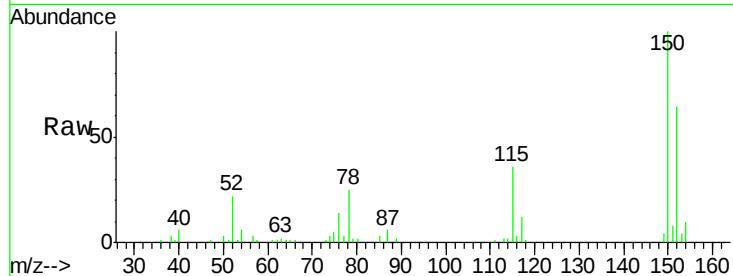


#1

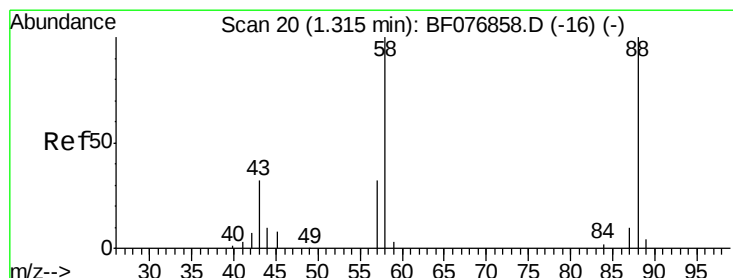
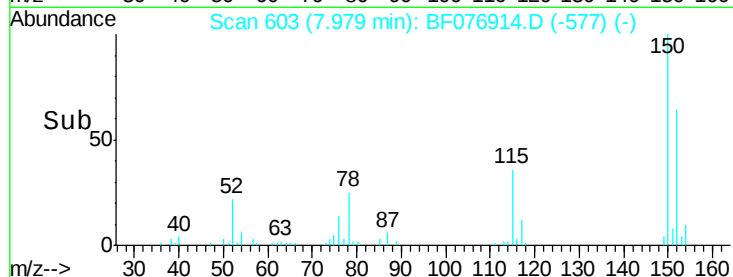
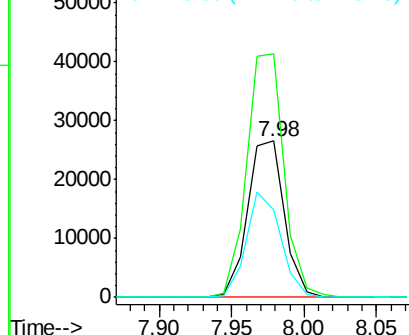
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampled :

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



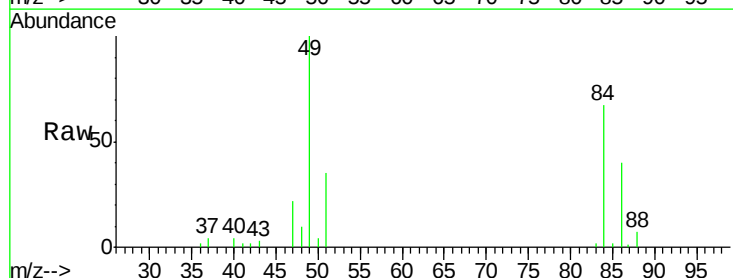
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



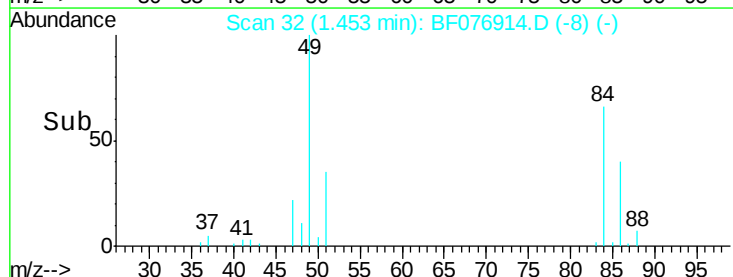
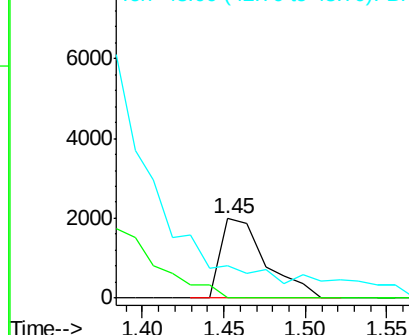
#2

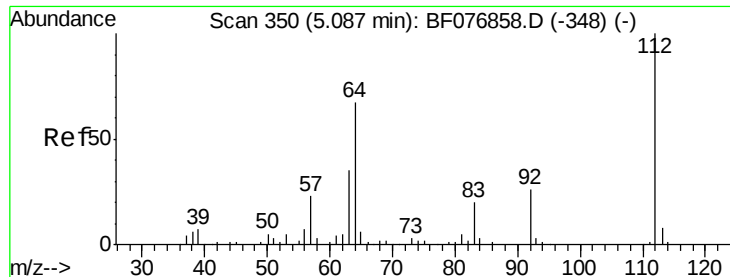
1,4-Dioxane
Concen: 3.15 ng
RT: 1.45 min Scan# 32
Delta R.T. 0.17 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt Ion: 88 Resp: 3820
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 39.69 ng

RT: 5.04 min Scan# 346

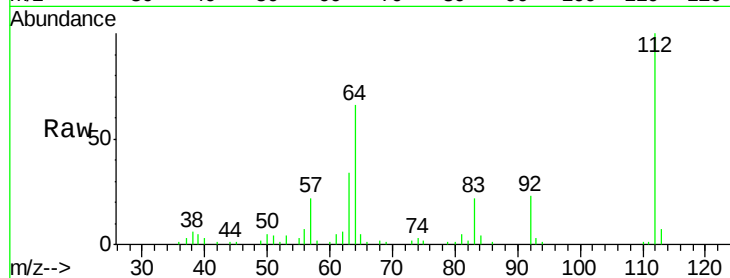
Delta R.T. 0.00 min

Lab File: BF076914.D

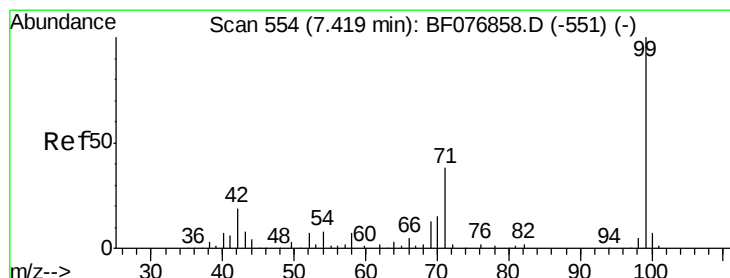
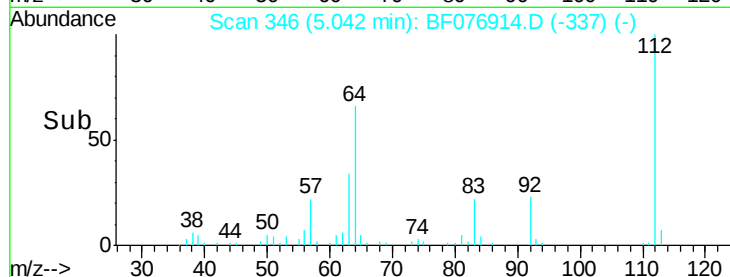
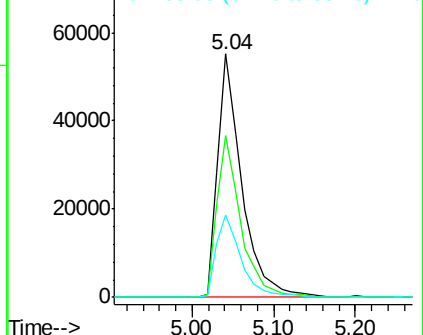
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :

Tot 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



#7

Phenol-d6

Concen: 23.97 ng

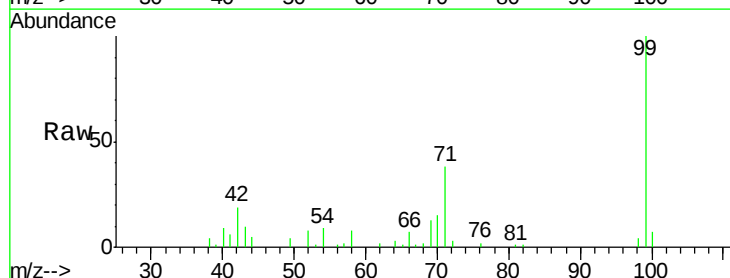
RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

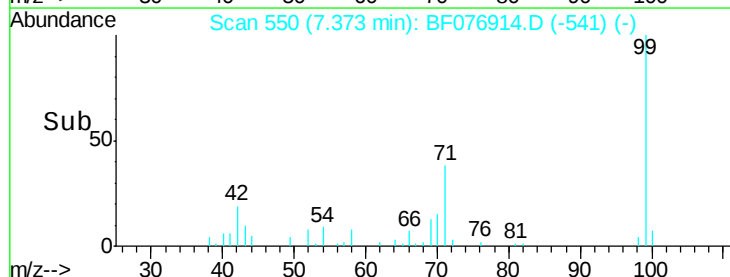
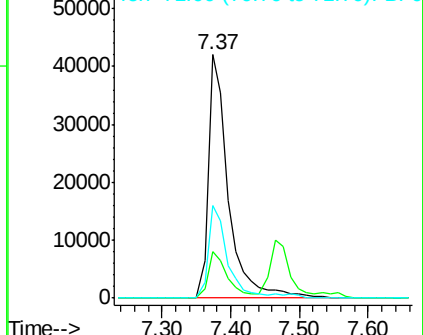
Lab File: BF076914.D

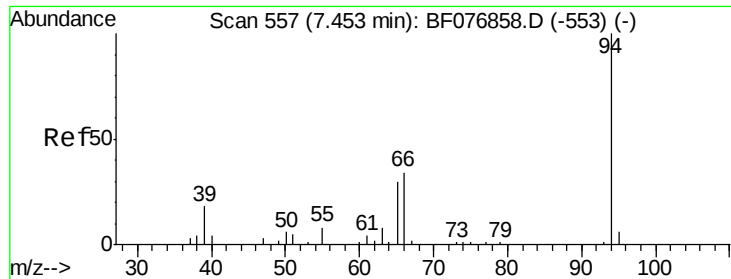
Acq: 16 Jan 2015 18:29

Tgt 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

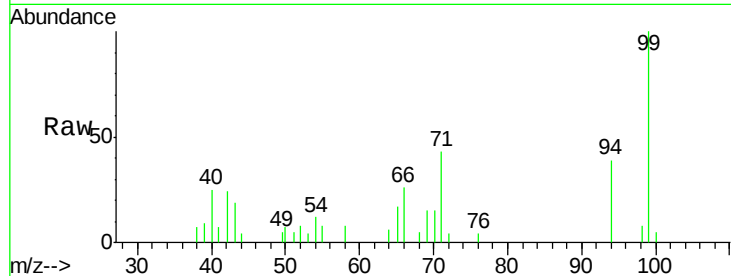




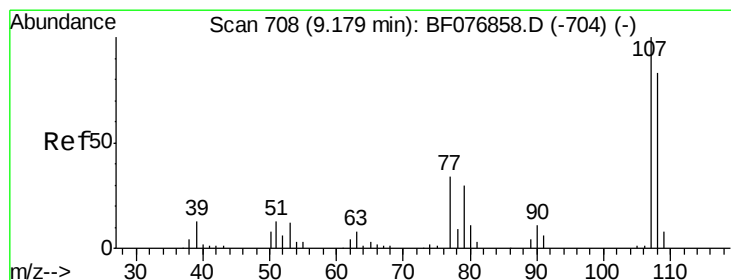
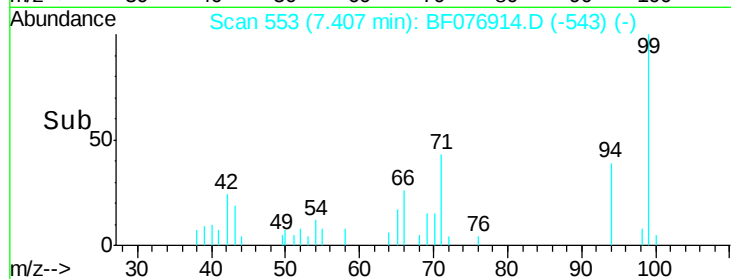
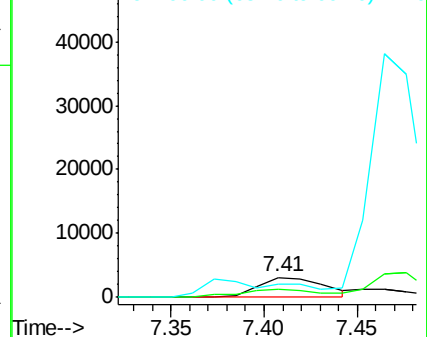
#10
Phenol
Concen: 2.02 ng
RT: 7.41 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 7655
Ion Ratio Lower Upper
94 100
65 43.4 11.3 51.3
66 66.0 19.5 59.5#

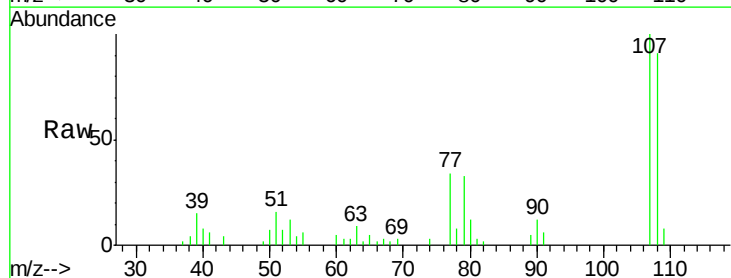


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

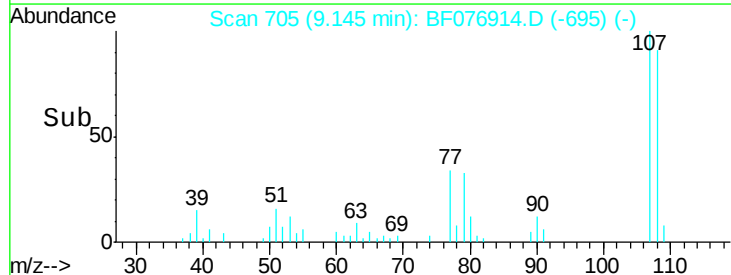
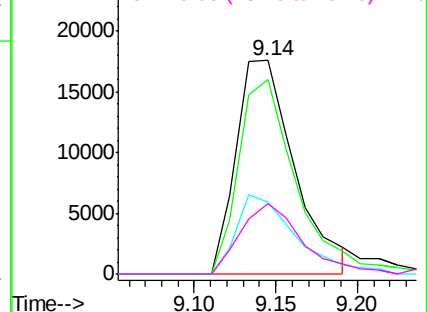


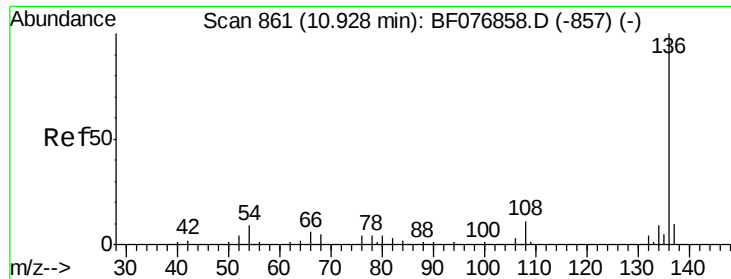
#20
3+4-Methylphenols
Concen: 12.35 ng
RT: 9.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Tgt 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

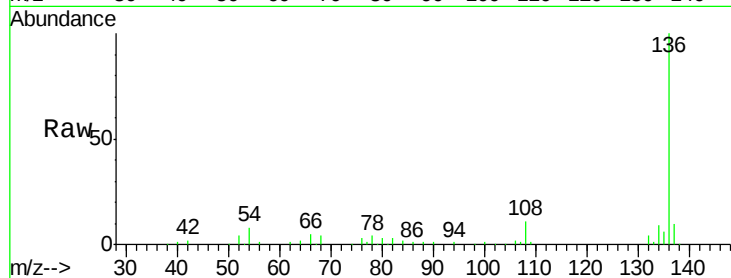




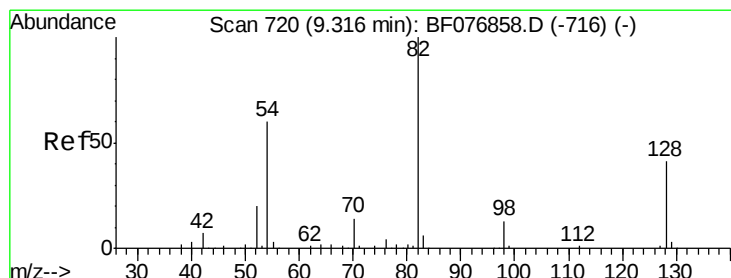
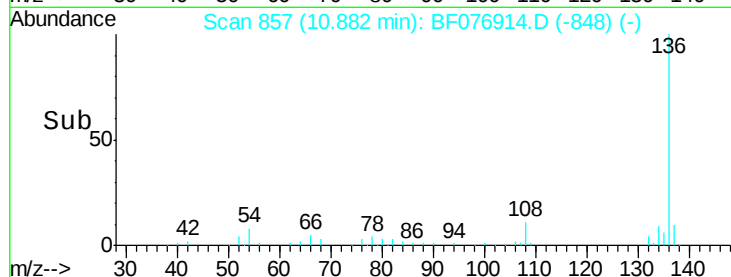
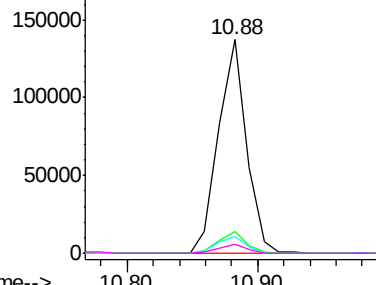
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :

Tot 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

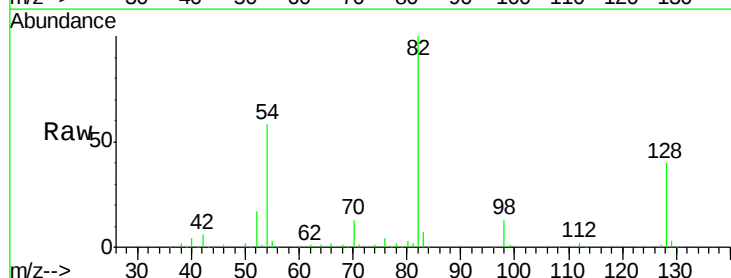


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

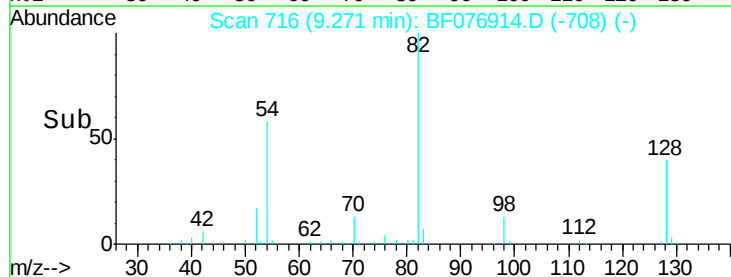
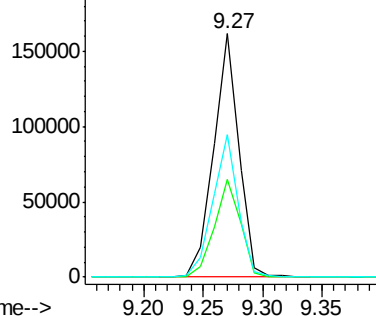


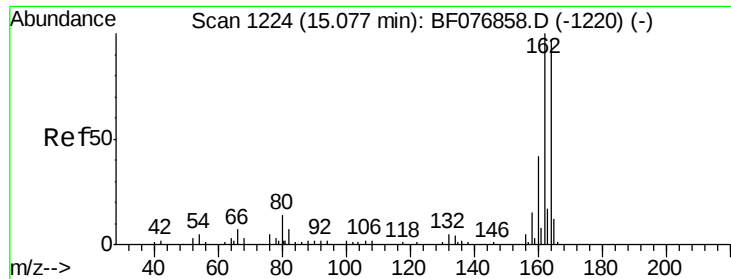
#23
Nitrobenzene-d5
Concen: 65.11 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

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



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: 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 :

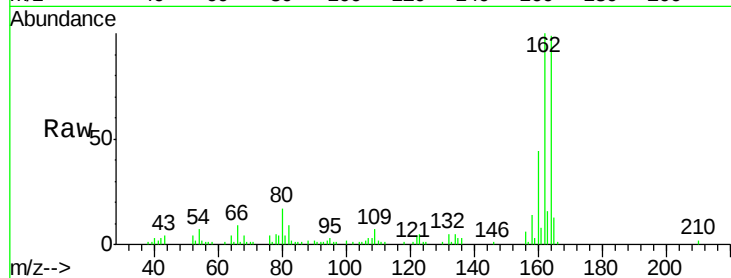
Tot Ion:164 Resp: 114550

Ion Ratio Lower Upper

164 100

162 101.1 82.4 123.6

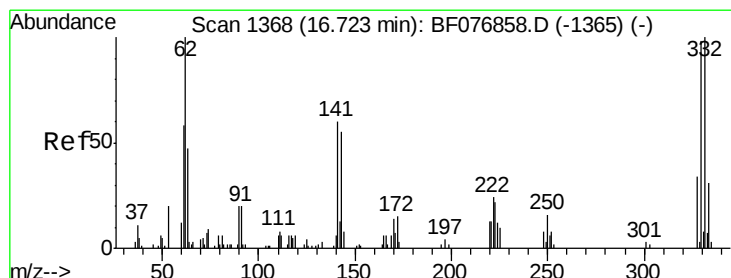
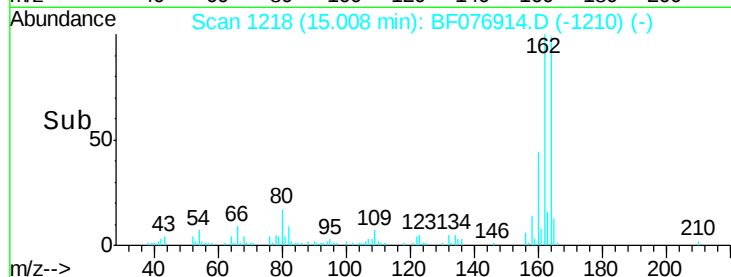
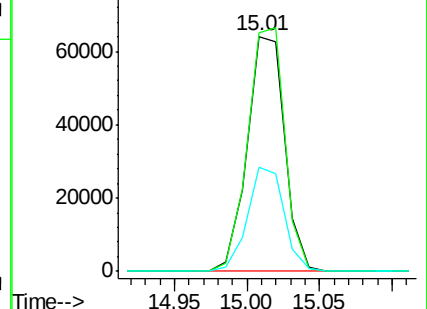
160 44.3 34.8 52.2



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

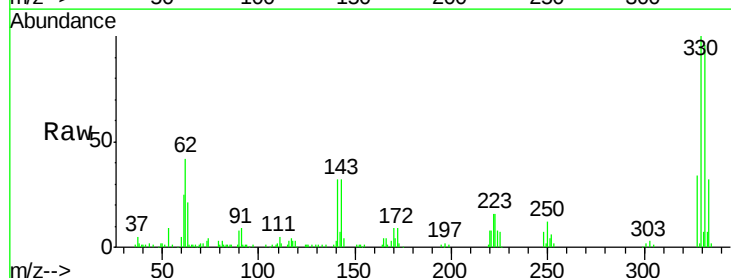
Tgt Ion:330 Resp: 98776

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

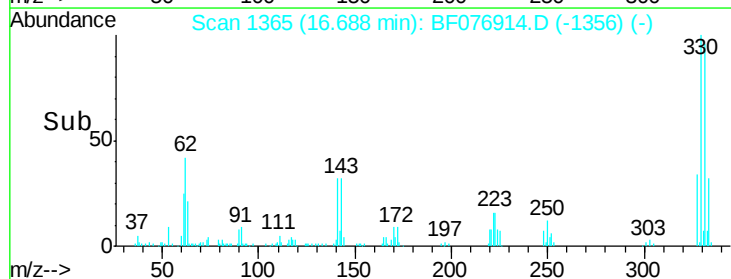
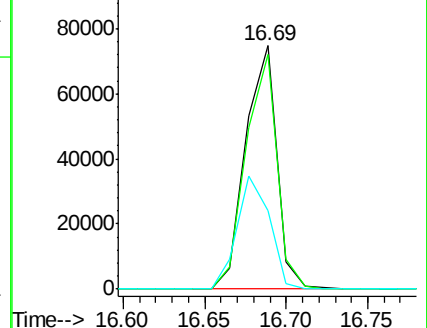
141 48.6 38.5 57.7

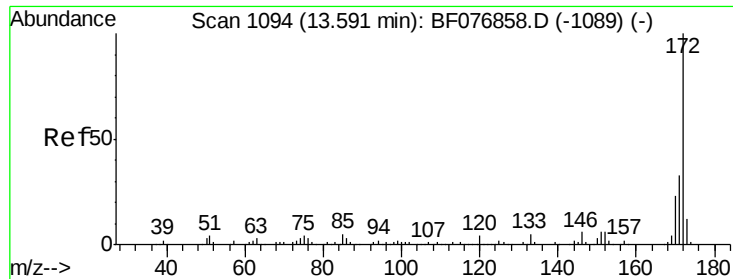


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

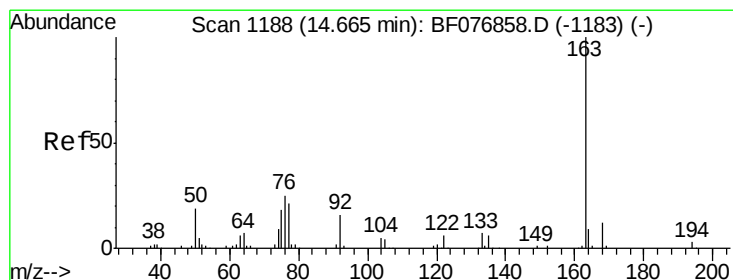
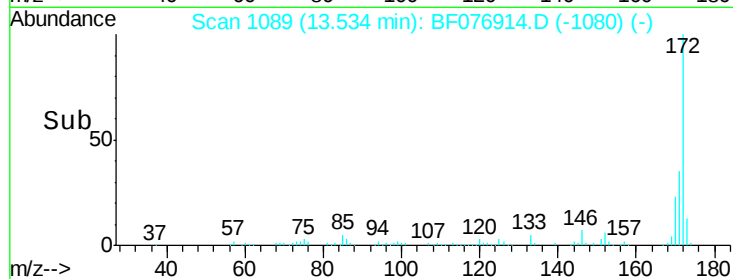
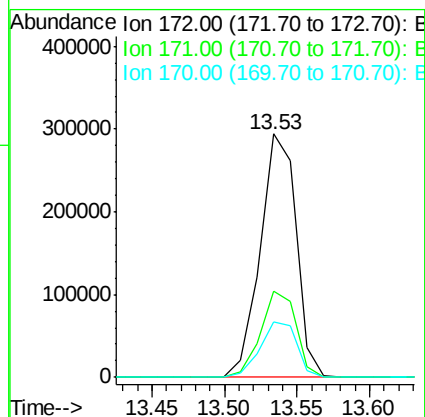
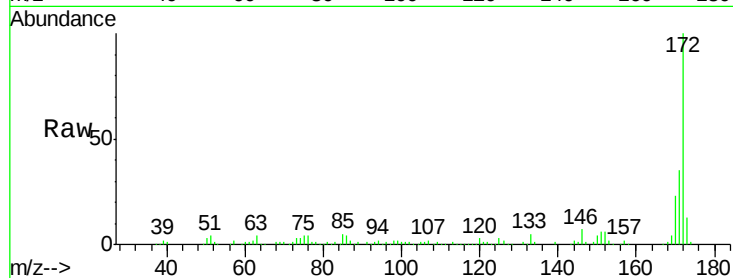




#44
2-Fluorobiphenyl
Concen: 67.00 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

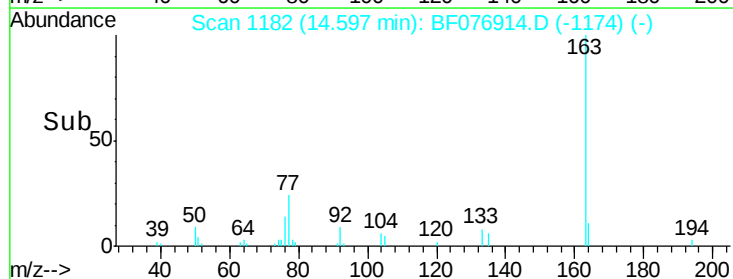
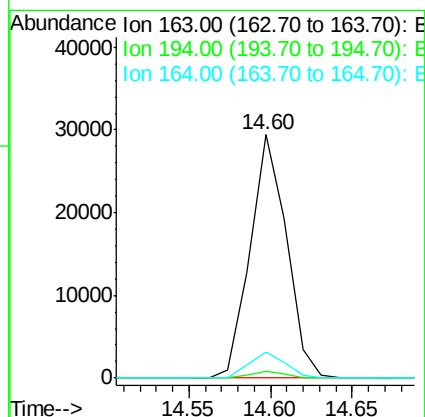
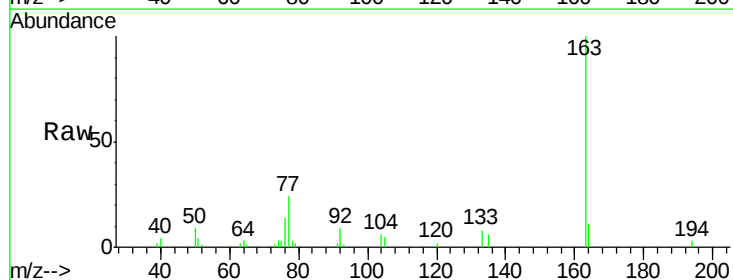
Instrument :
BNA_F
ClientSampleId :

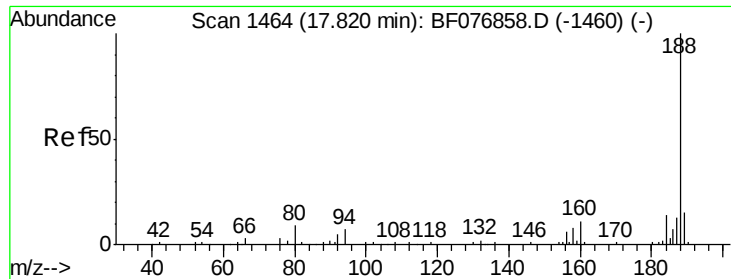
Tot Ion:172 Resp: 504333
Ion Ratio Lower Upper
172 100
171 35.2 26.6 40.0
170 22.9 18.0 27.0



#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

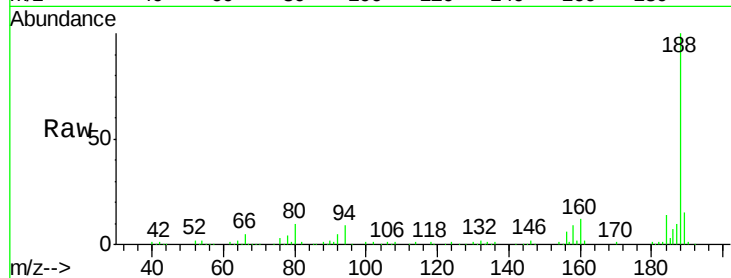




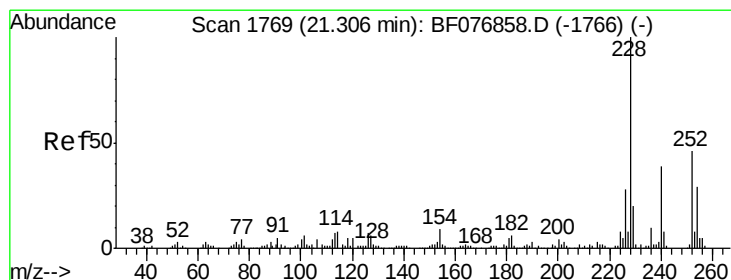
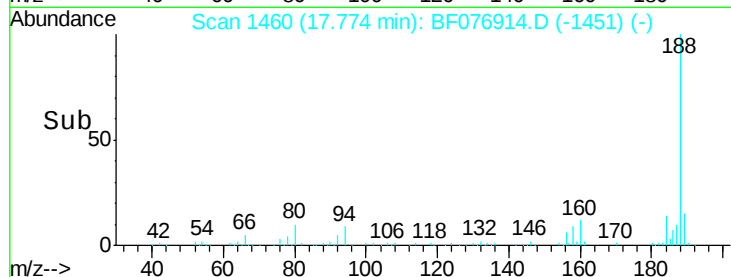
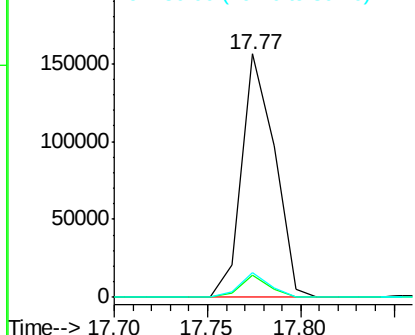
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

Instrument :
BNA_F
ClientSampleId :

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

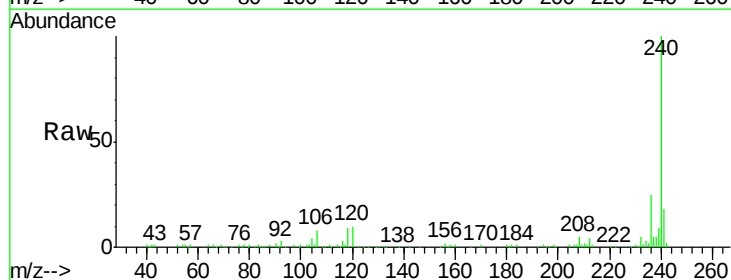


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

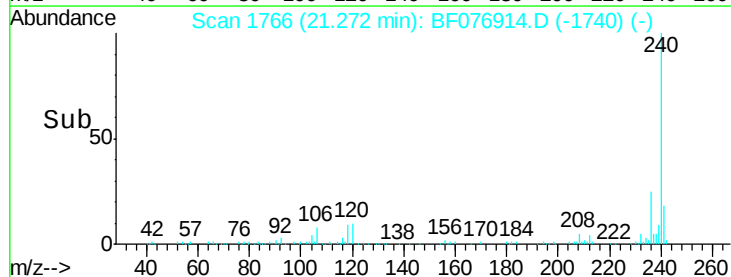
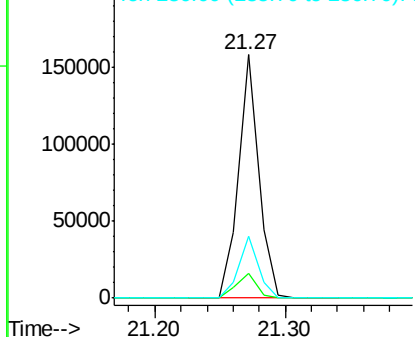


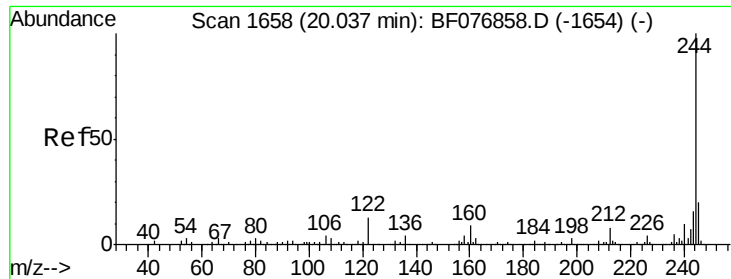
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076914.D
Acq: 16 Jan 2015 18:29

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 :

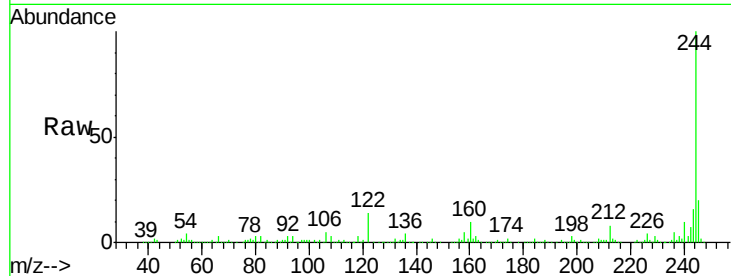
Tot Ion:244 Resp: 461443

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

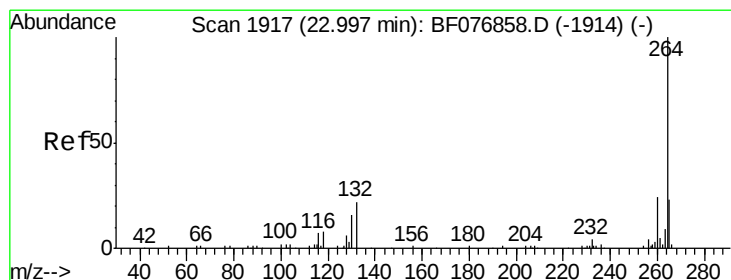
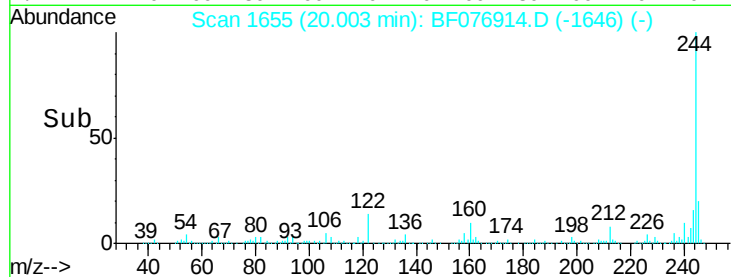
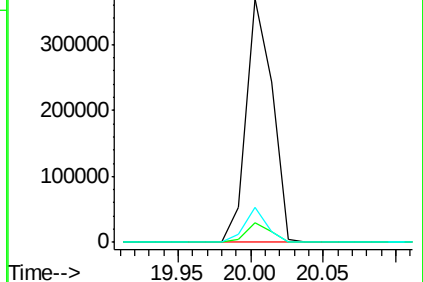
122 14.4 10.1 15.1



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

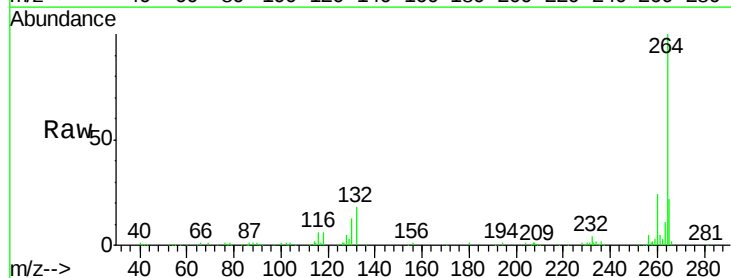
Tgt Ion:264 Resp: 153026

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

