

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076943.D
 Acq On : 20 Jan 2015 1:09
 Operator : IZ / TP
 Sample : F1079-03DL 5X
 Misc : W
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 02:36:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

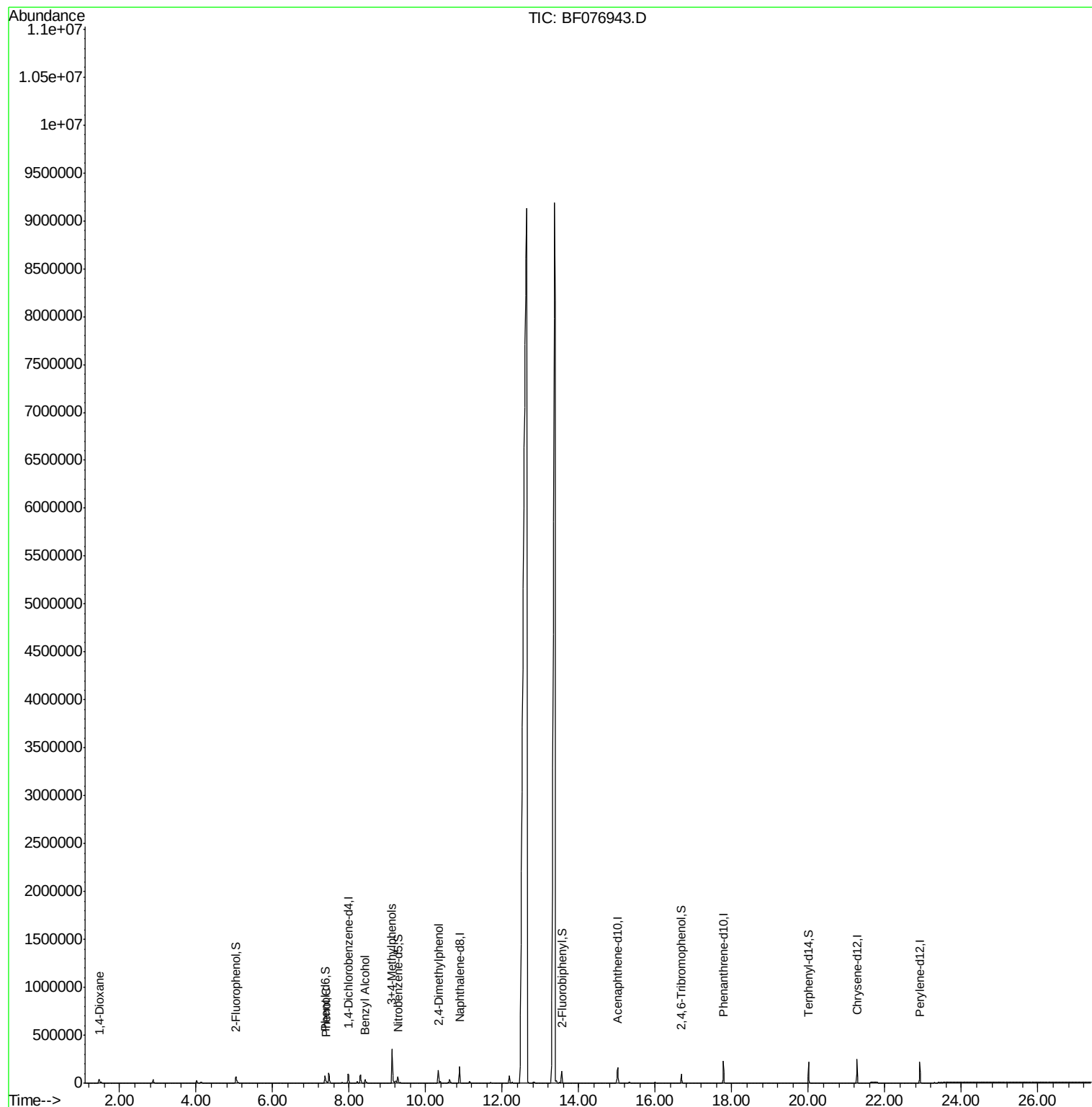
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	28567	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	122028	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	63164	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	108207	20.00	ng	0.00
75) Chrysene-d12	21.27	240	108966	20.00	ng	0.00
86) Perylene-d12	22.91	264	100131	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	42438	24.42	ng	0.01
7) Phenol-d6	7.37	99	49347	22.51	ng	0.00
23) Nitrobenzene-d5	9.27	82	37975	17.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	13259	25.86	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	77100	18.58	ng	0.02
78) Terphenyl-d14	20.00	244	80590	17.03	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.46	88	1886	2.54	ng	Qvalue # 24
10) Phenol	7.41	94	8660	3.72	ng	90
15) Benzyl Alcohol	8.41	79	16877	9.52	ng	96
20) 3+4-Methylphenols	9.12	107	158548	73.15	ng	95
27) 2,4-Dimethylphenol	10.33	122	42179	24.31	ng	97

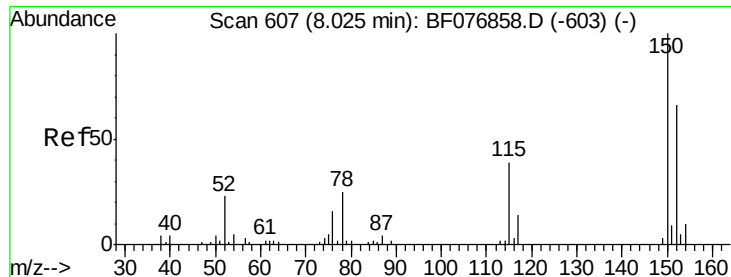
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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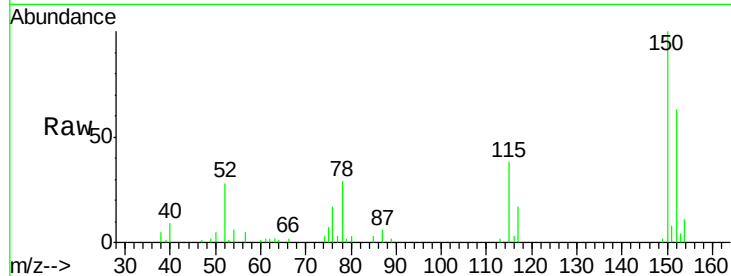


#1

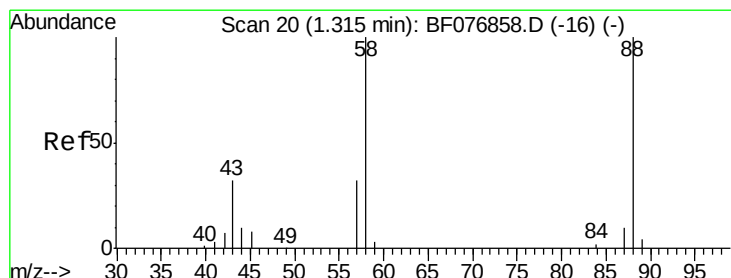
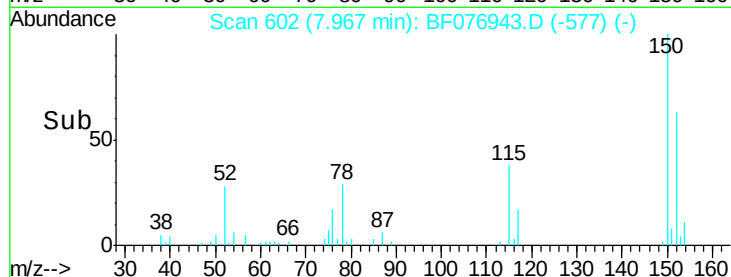
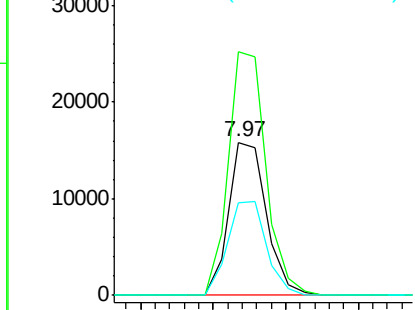
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28567
Ion Ratio Lower Upper
152 100
150 159.4 121.7 182.5
115 60.4 47.0 70.6



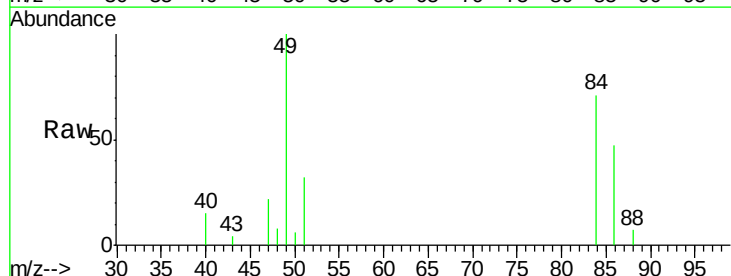
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



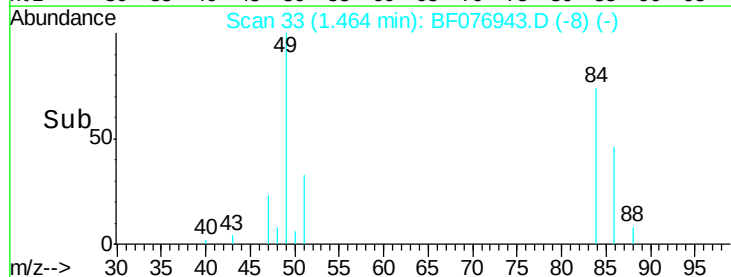
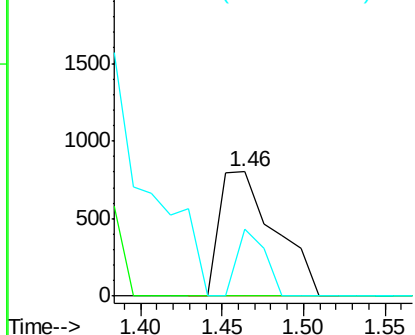
#2

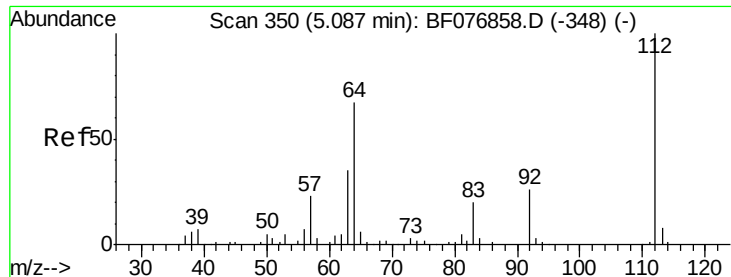
1,4-Dioxane
Concen: 2.54 ng
RT: 1.46 min Scan# 33
Delta R.T. 0.18 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

Tgt Ion: 88 Resp: 1886
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 26.8 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: 24.42 ng

RT: 5.04 min Scan# 346

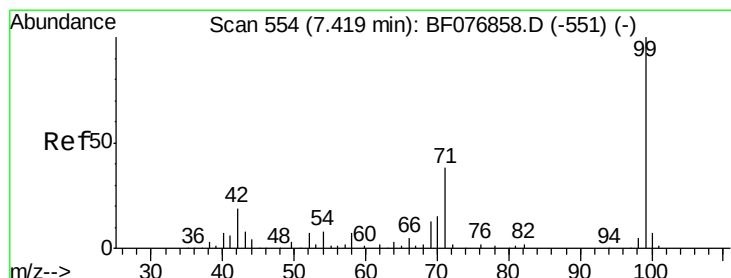
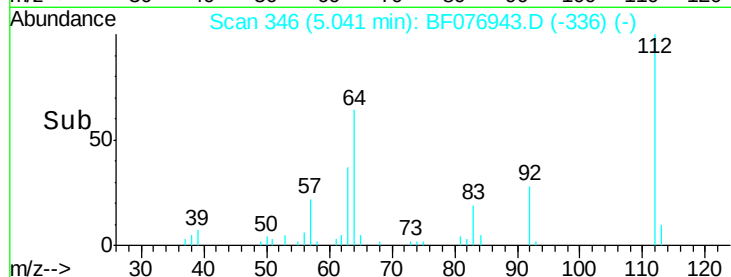
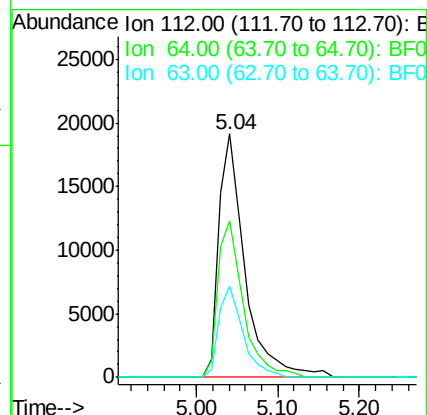
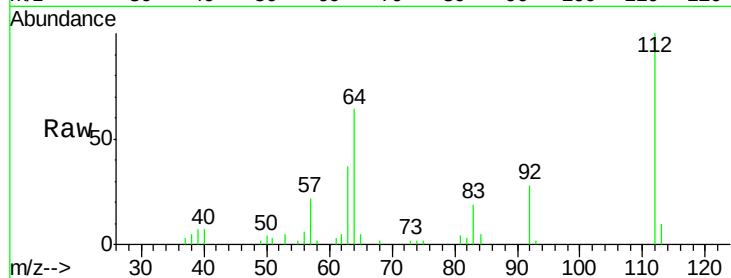
Delta R.T. 0.01 min

Lab File: BF076943.D

Acq: 20 Jan 2015 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	42438
Ion	Ratio	Lower	Upper
112	100		
64	64.2	54.2	81.4
63	37.3	28.4	42.6



#7

Phenol-d6

Concen: 22.51 ng

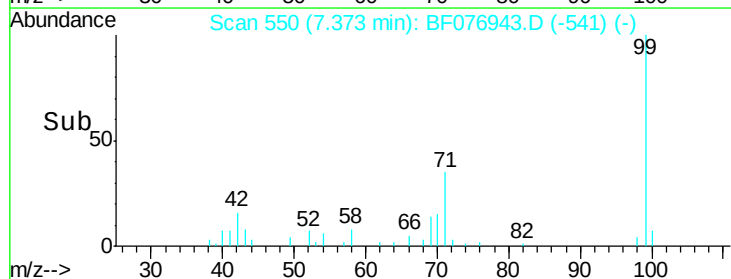
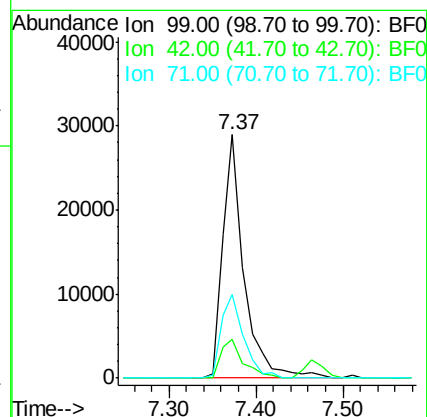
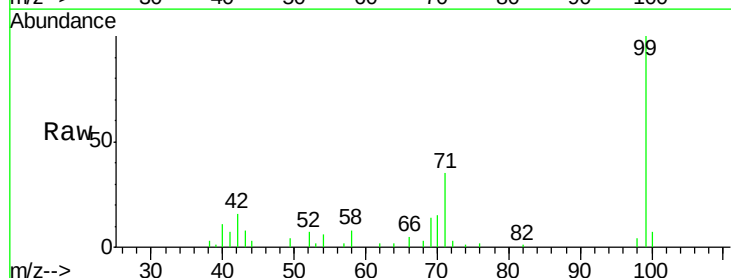
RT: 7.37 min Scan# 550

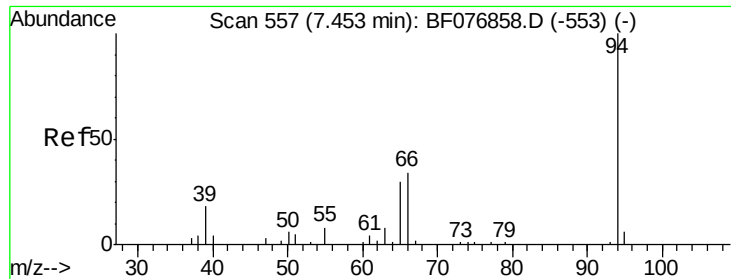
Delta R.T. -0.00 min

Lab File: BF076943.D

Acq: 20 Jan 2015 1:09

Tgt Ion:	99	Resp:	49347
Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.0	22.4
71	34.6	30.5	45.7

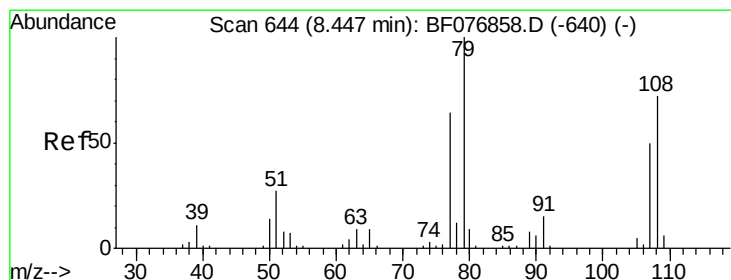
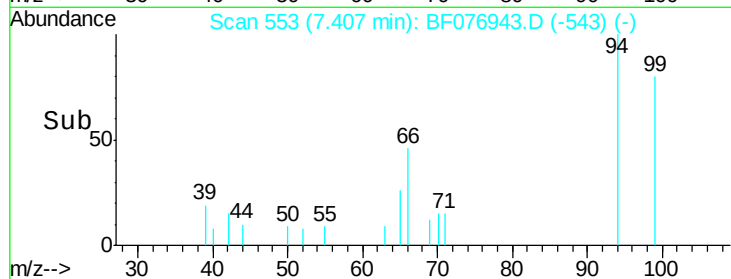
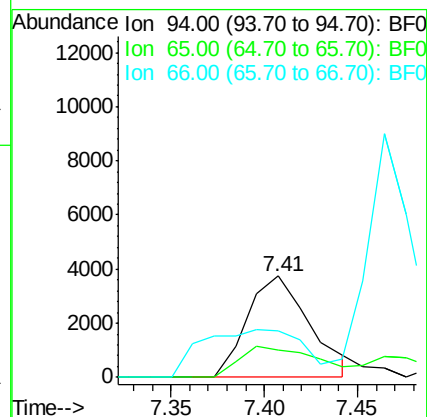
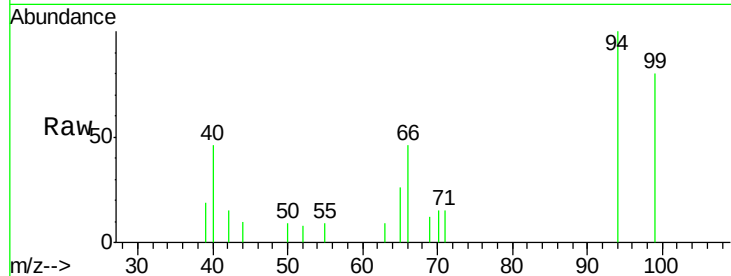




#10
Phenol
Concen: 3.72 ng
RT: 7.41 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

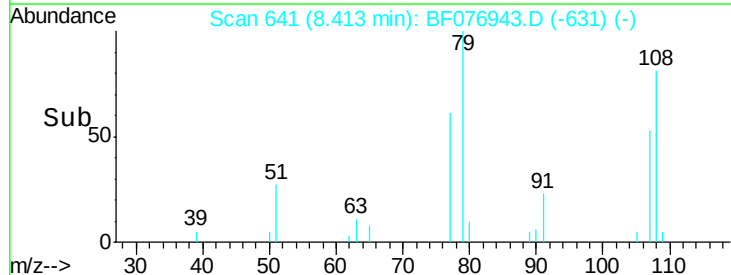
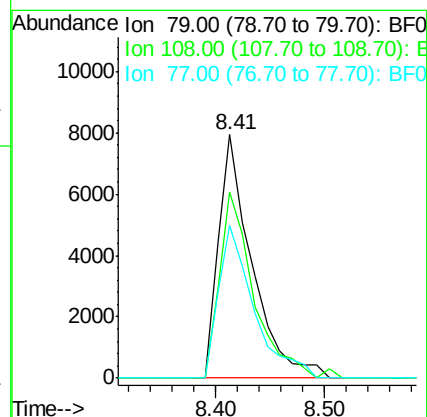
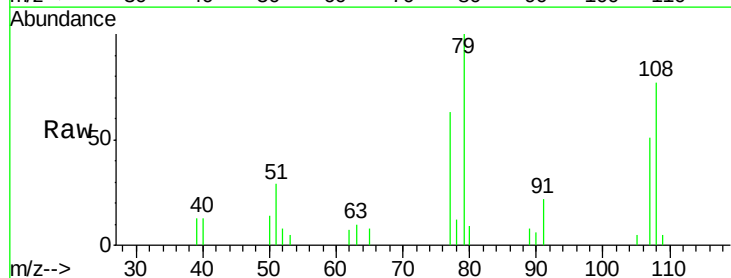
Instrument :
BNA_F
ClientSampled :

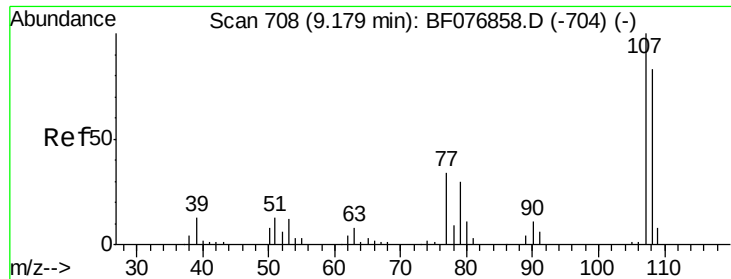
Tot Ion: 94 Resp: 8660
Ion Ratio Lower Upper
94 100
65 26.4 11.3 51.3
66 45.8 19.5 59.5



#15
Benzyl Alcohol
Concen: 9.52 ng
RT: 8.41 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

Tgt Ion: 79 Resp: 16877
Ion Ratio Lower Upper
79 100
108 76.6 57.2 85.8
77 62.6 51.2 76.8

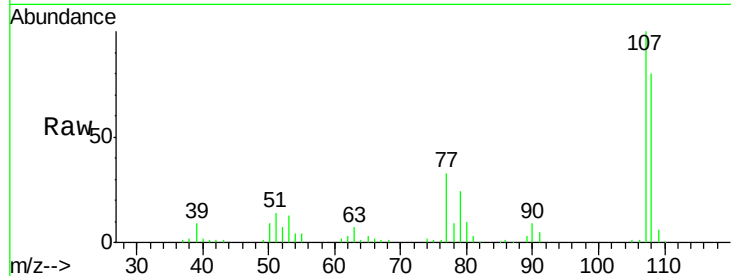




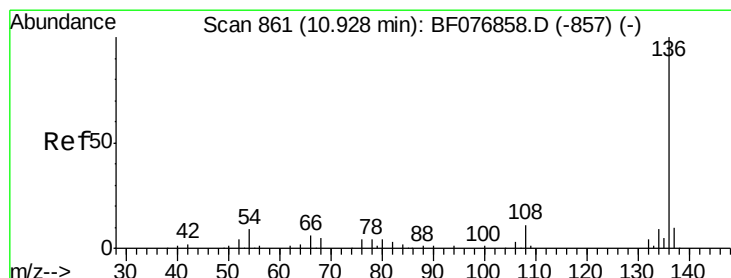
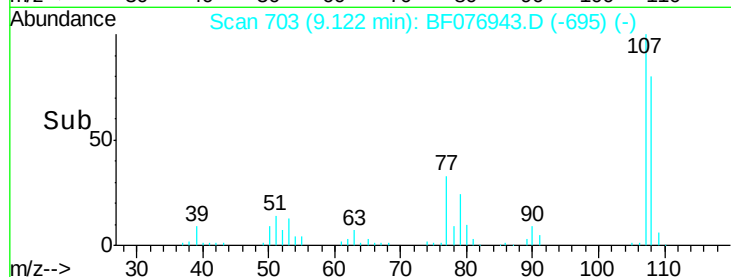
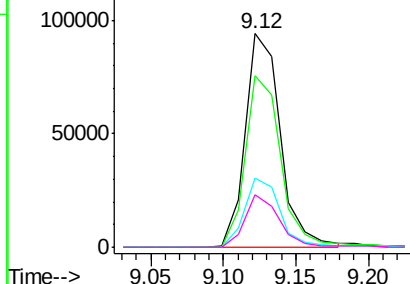
#20
3+4-Methylphenols
Concen: 73.15 ng
RT: 9.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	158548
Ion	Ratio	Lower	Upper
107	100		
108	80.3	63.5	103.5
77	32.6	14.0	54.0
79	24.3	9.9	49.9

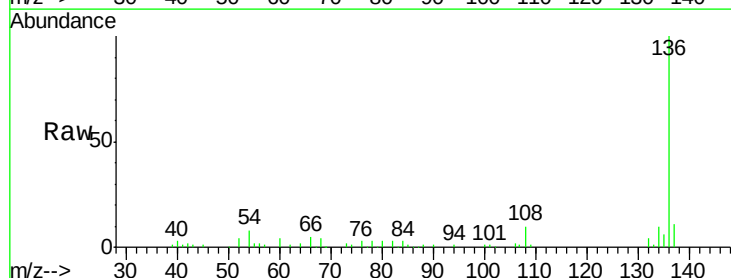


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

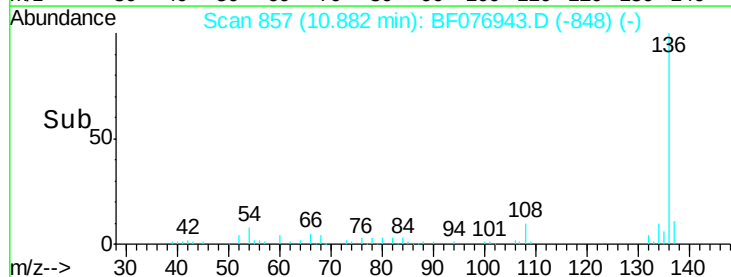
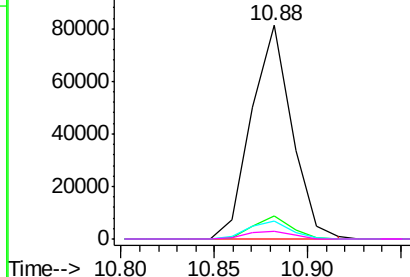


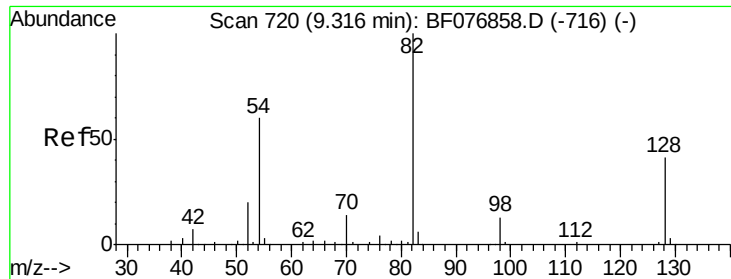
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

Tgt Ion:	136	Resp:	122028
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.1	12.1
54	8.1	7.0	10.4
68	3.5	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

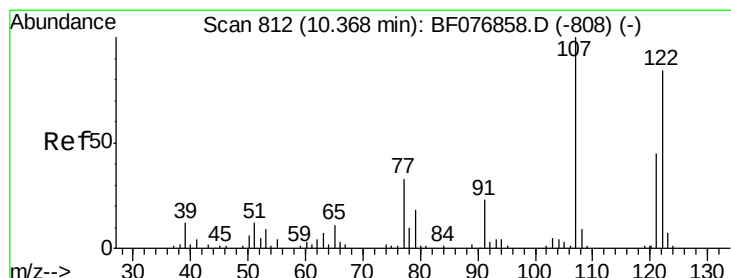
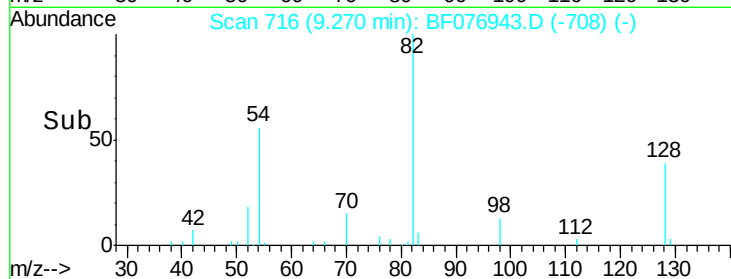
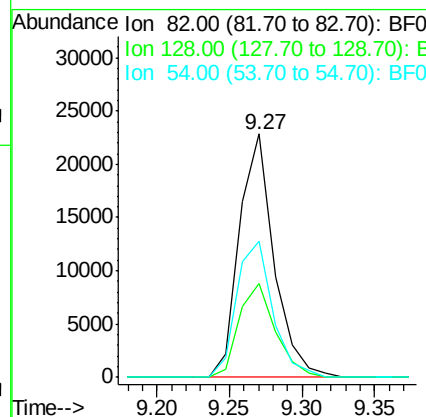
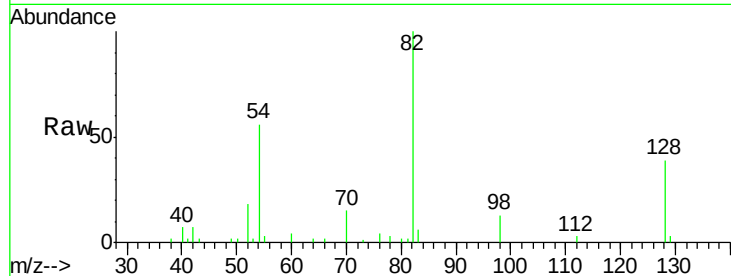




#23
 Nitrobenzene-d5
 Concen: 17.24 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076943.D
 Acq: 20 Jan 2015 1:09

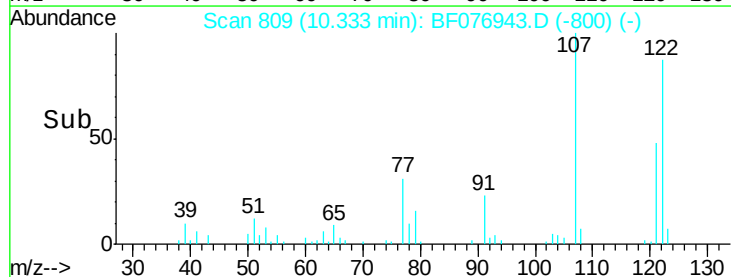
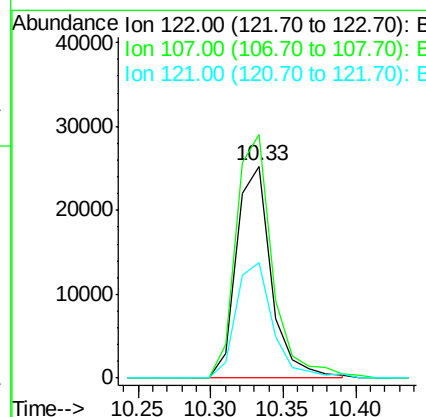
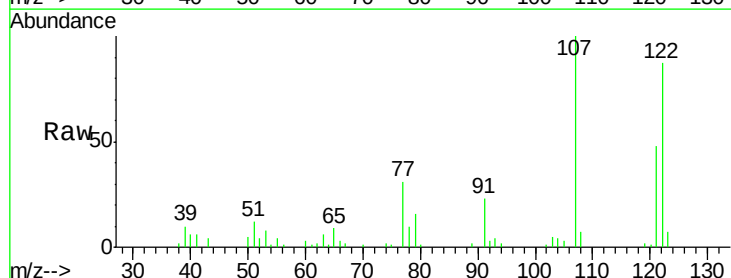
Instrument :
 BNA_F
 ClientSampleId :

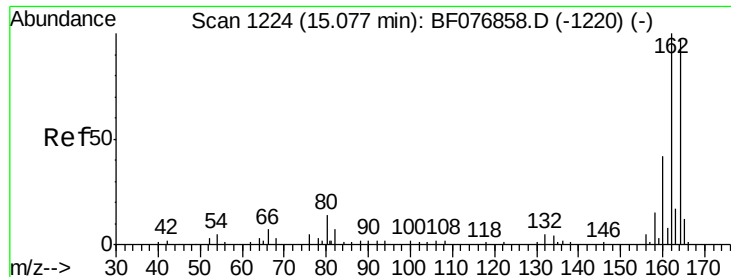
Tot Ion	82	Resp	37975
Ion Ratio	100	Lower	Upper
128	38.5	33.1	49.7
54	55.9	48.3	72.5



#27
 2,4-Dimethylphenol
 Concen: 24.31 ng
 RT: 10.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF076943.D
 Acq: 20 Jan 2015 1:09

Tgt Ion	122	Resp	42179
Ion Ratio	100	Lower	Upper
107	114.7	95.2	142.8
121	54.6	42.9	64.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF076943.D

Acq: 20 Jan 2015 1:09

Instrument :

BNA_F

ClientSampled :

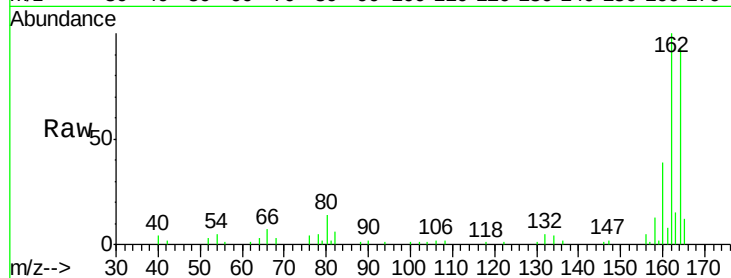
Tot Ion:164 Resp: 63164

Ion Ratio Lower Upper

164 100

162 107.6 82.4 123.6

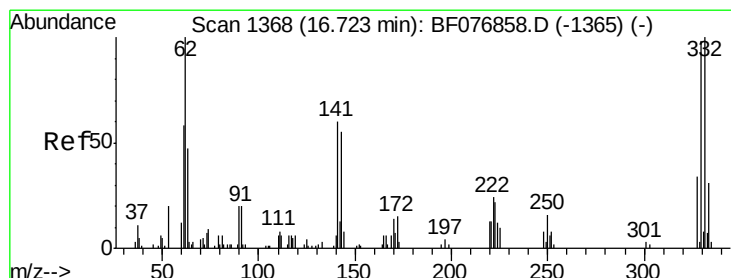
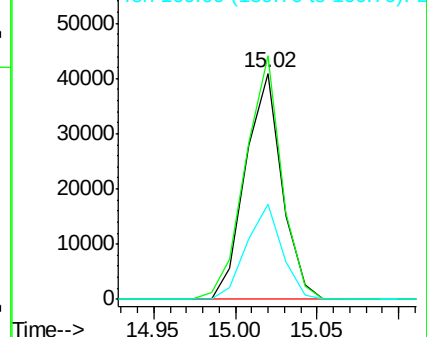
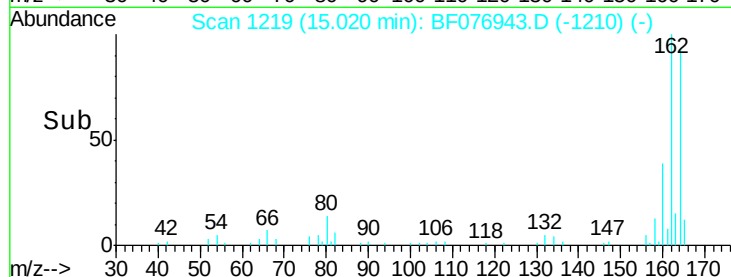
160 42.2 34.8 52.2



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: 25.86 ng

RT: 16.68 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF076943.D

Acq: 20 Jan 2015 1:09

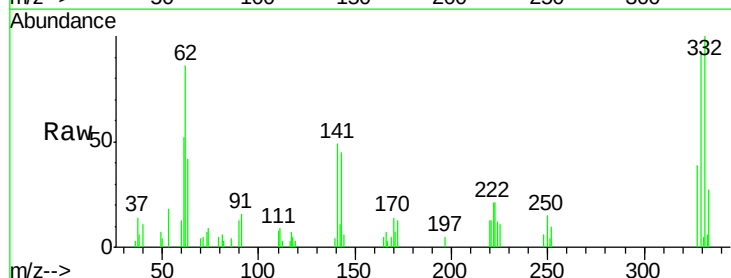
Tgt Ion:330 Resp: 13259

Ion Ratio Lower Upper

330 100

332 106.9 77.8 116.6

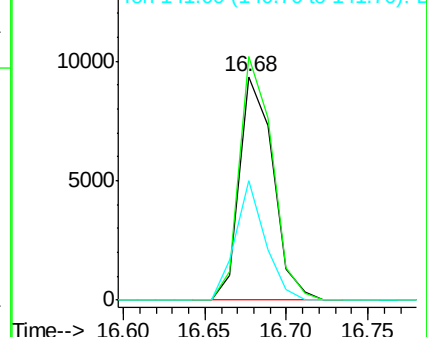
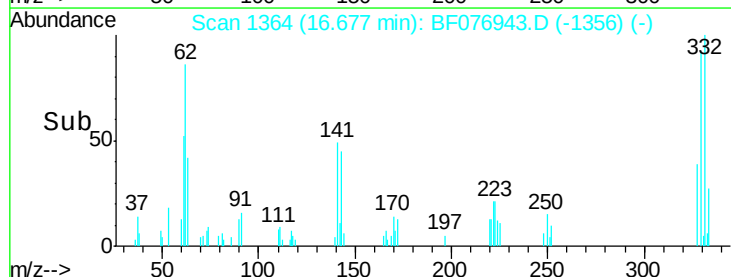
141 47.7 38.5 57.7

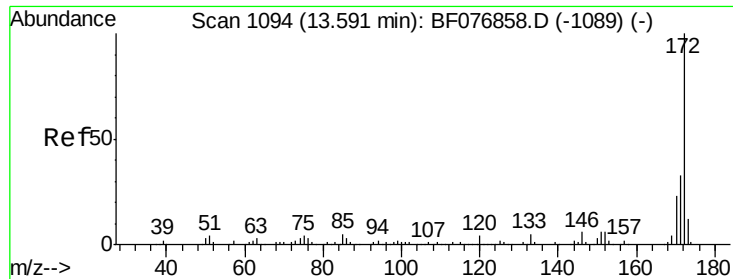


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

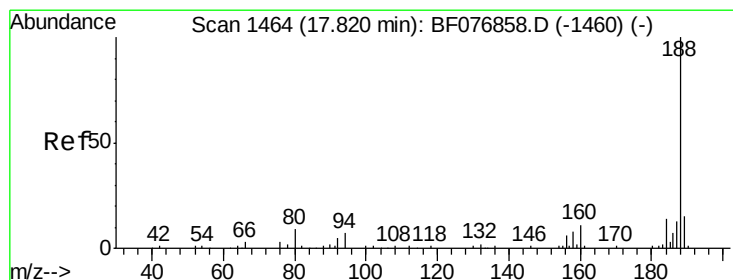
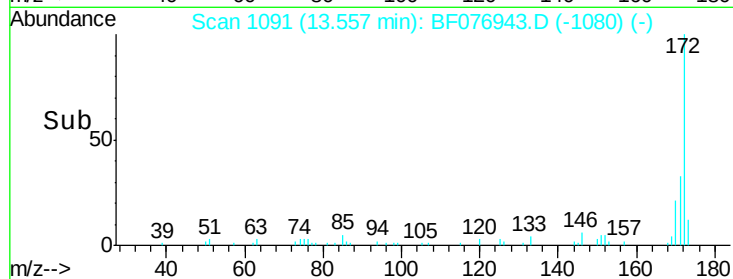
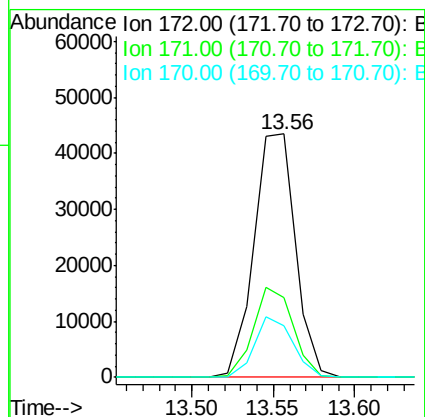
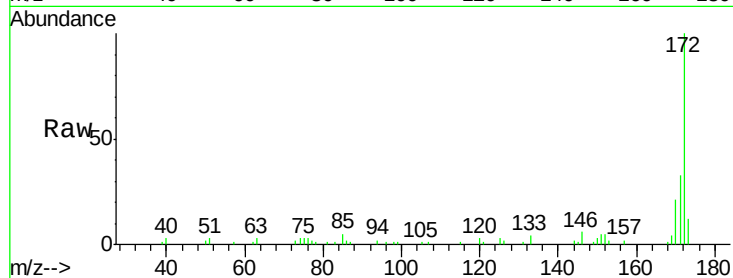




#44
 2-Fluorobiphenyl
 Concen: 18.58 ng
 RT: 13.56 min Scan# 1091
 Delta R.T. 0.02 min
 Lab File: BF076943.D
 Acq: 20 Jan 2015 1:09

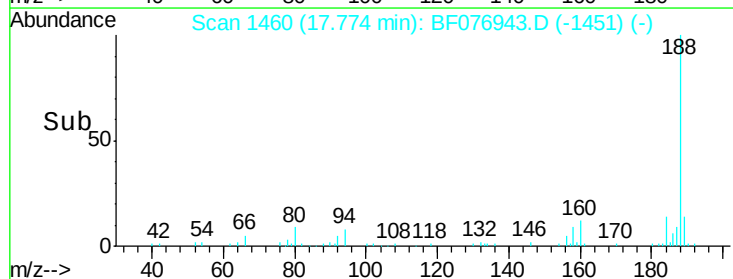
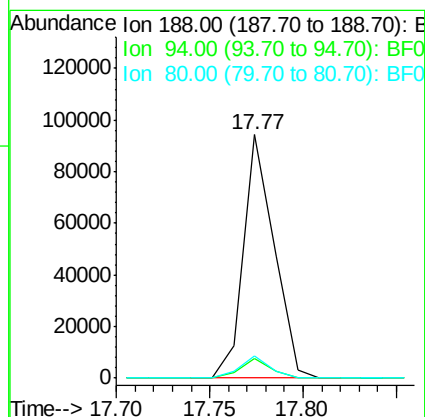
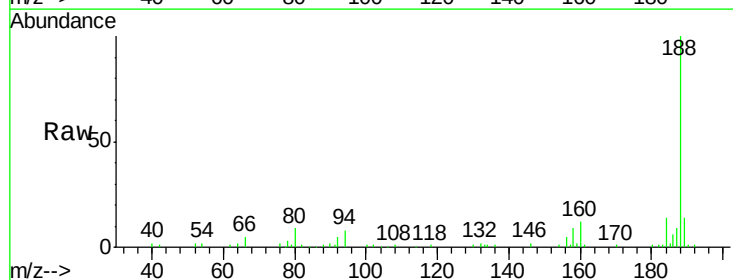
Instrument :
 BNA_F
 ClientSampled :

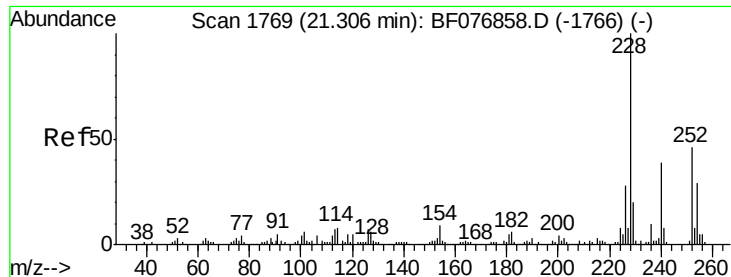
Tot Ion:172 Resp: 77100
 Ion Ratio Lower Upper
 172 100
 171 32.8 26.6 40.0
 170 21.2 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076943.D
 Acq: 20 Jan 2015 1:09

Tgt Ion:188 Resp: 108207
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.0 9.0
 80 9.2 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF076943.D

Acq: 20 Jan 2015 1:09

Instrument :

BNA_F

ClientSampleId :

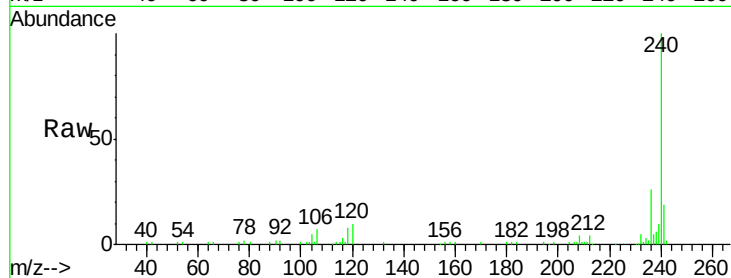
Tot Ion:240 Resp: 108966

Ion Ratio Lower Upper

240 100

120 9.6 10.4 15.6#

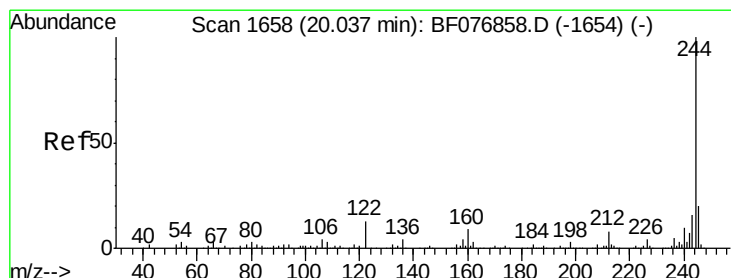
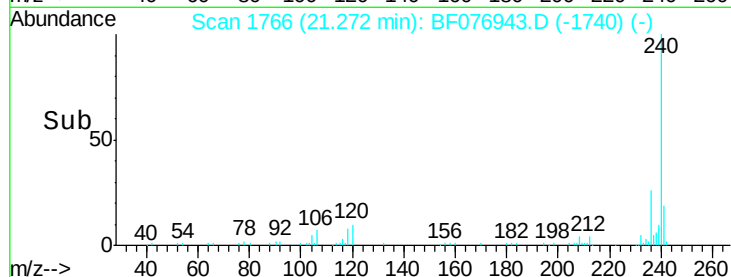
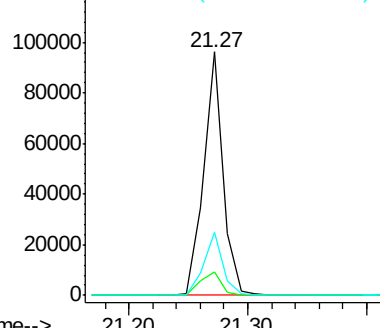
236 26.2 20.2 30.2



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: 17.03 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076943.D

Acq: 20 Jan 2015 1:09

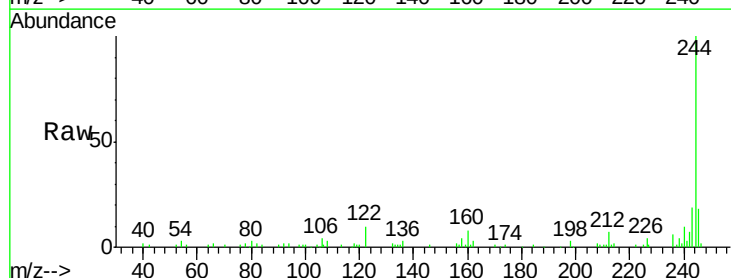
Tgt Ion:244 Resp: 80590

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

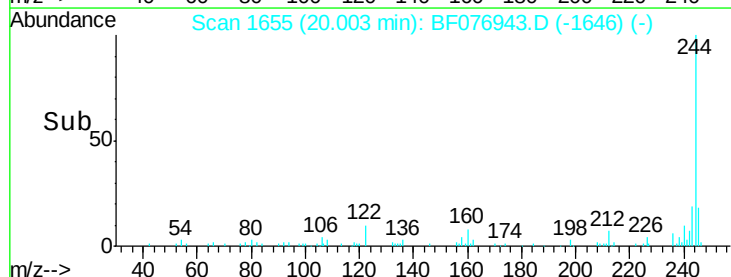
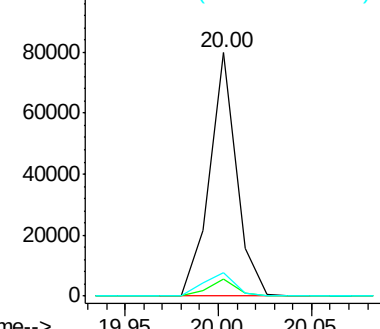
122 9.8 10.1 15.1#

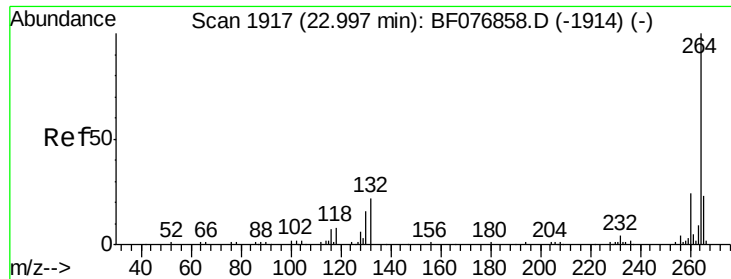


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

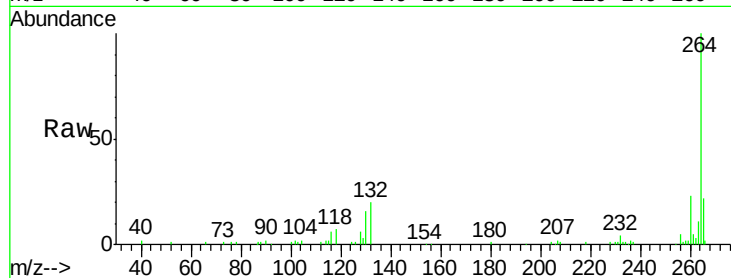




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.91 min Scan# 1909
Delta R.T. -0.03 min
Lab File: BF076943.D
Acq: 20 Jan 2015 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.9	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

