

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077020.D
 Acq On : 22 Jan 2015 19:39
 Operator : TP/IZ
 Sample : G1136-10
 Misc : S
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 01:02:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 00:19:18 2015
 Response via : Initial Calibration

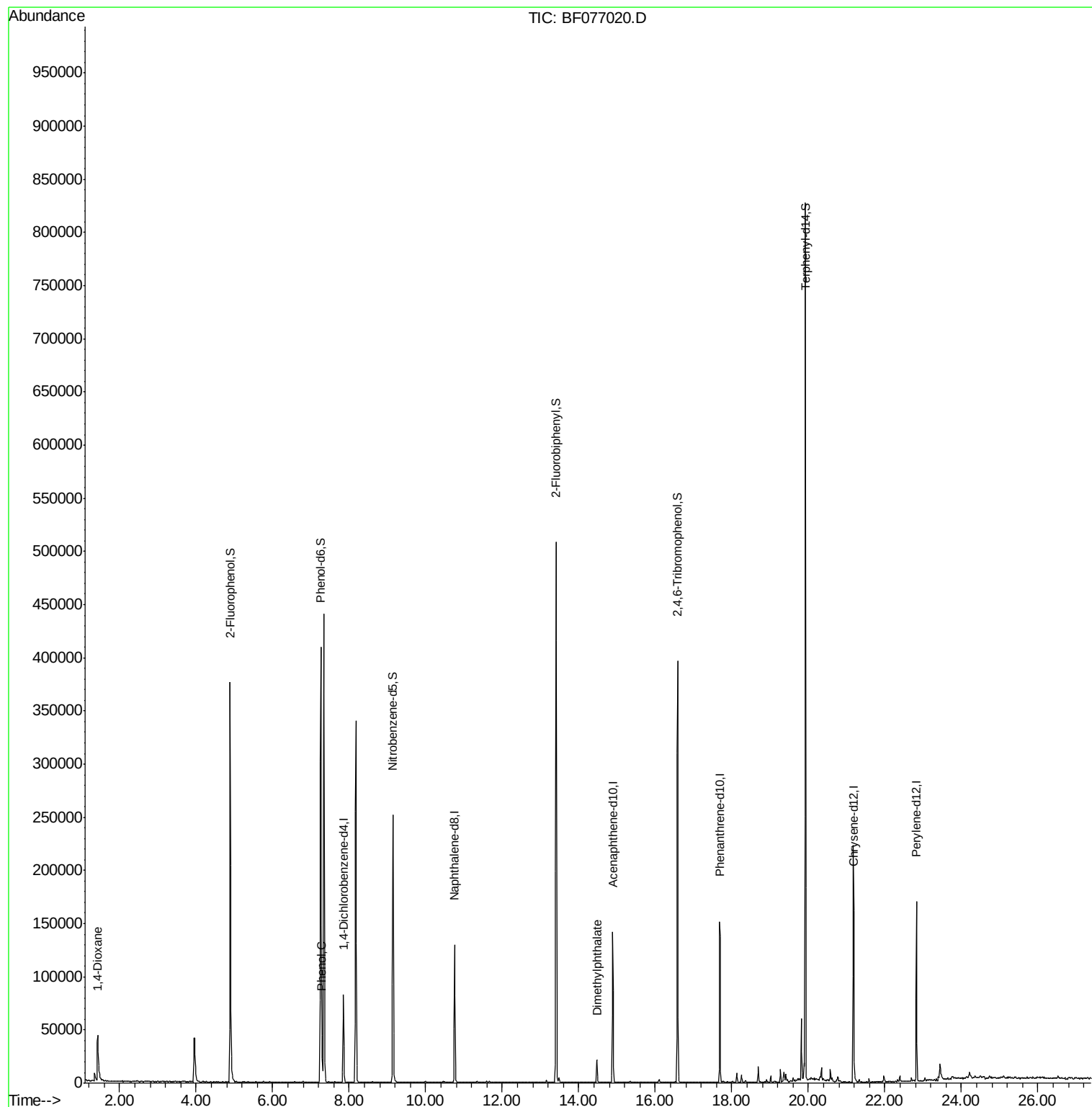
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23097	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	101535	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	54906	20.00	ng	-0.01
63) Phenanthrene-d10	17.68	188	88469	20.00	ng	-0.01
75) Chrysene-d12	21.19	240	83812	20.00	ng	0.00
86) Perylene-d12	22.83	264	77768	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	197053	140.27	ng	0.00
7) Phenol-d6	7.26	99	252123	142.27	ng	0.00
23) Nitrobenzene-d5	9.14	82	155654	84.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	61454	137.89	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	297284	82.40	ng	-0.01
78) Terphenyl-d14	19.92	244	292882	80.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.43	88	2376	3.95	ng	Qvalue # 12
10) Phenol	7.28	94	7584	4.03	ng	81
49) Dimethylphthalate	14.48	163	19647	5.05	ng	97

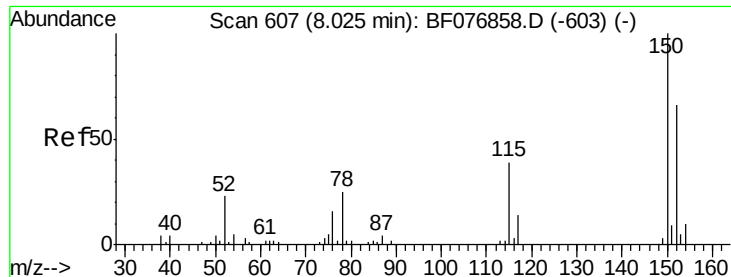
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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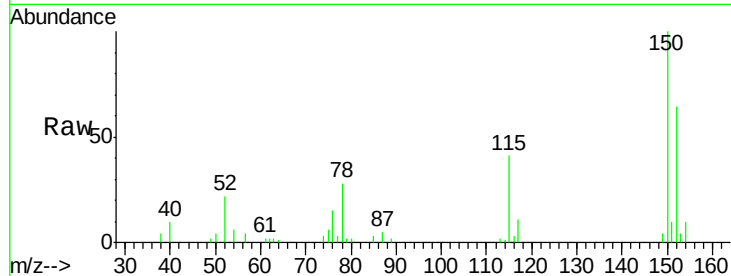


#1

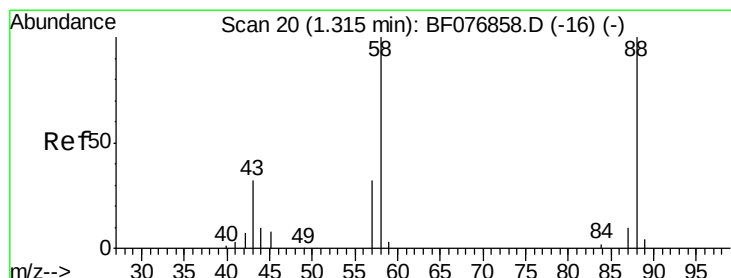
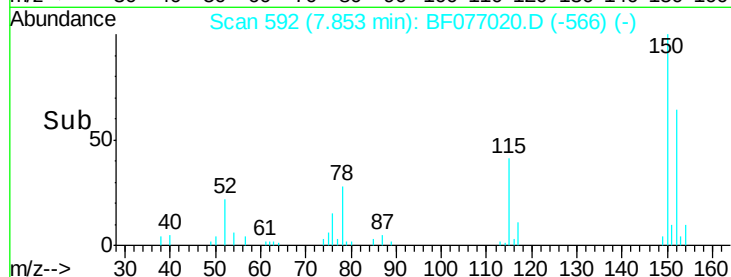
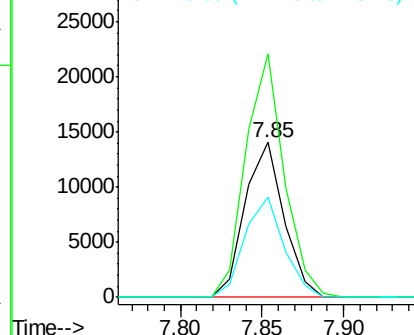
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077020.D
Acq: 22 Jan 2015 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 23097
Ion Ratio Lower Upper
152 100
150 157.4 121.7 182.5
115 64.4 47.0 70.6



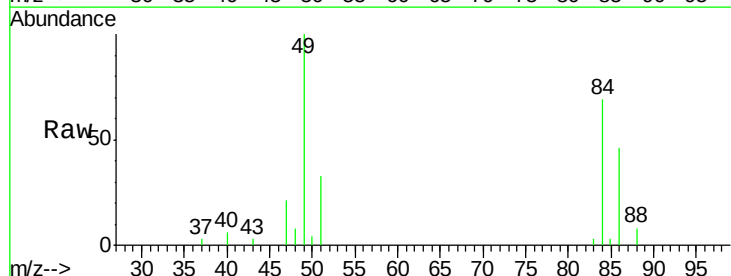
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



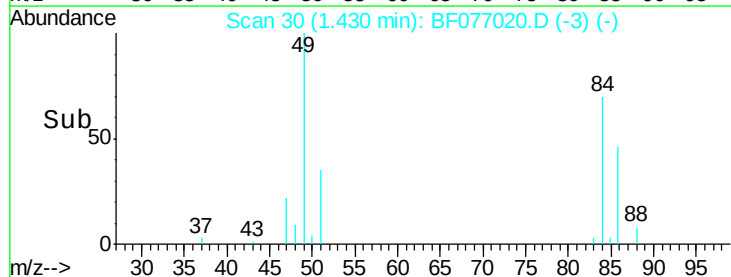
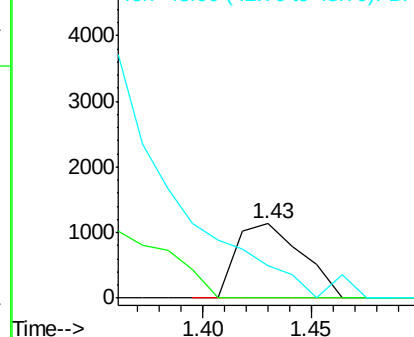
#2

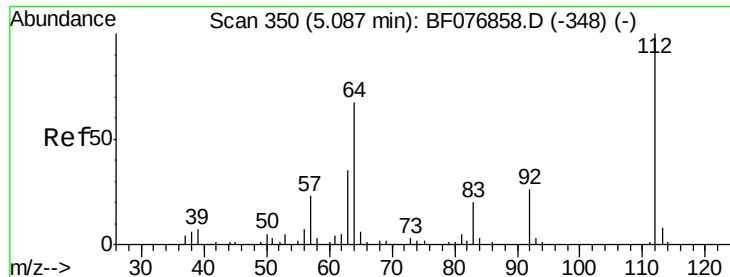
1,4-Dioxane
Concen: 3.95 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.21 min
Lab File: BF077020.D
Acq: 22 Jan 2015 19:39

Tgt Ion: 88 Resp: 2376
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: 140.27 ng

RT: 4.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077020.D

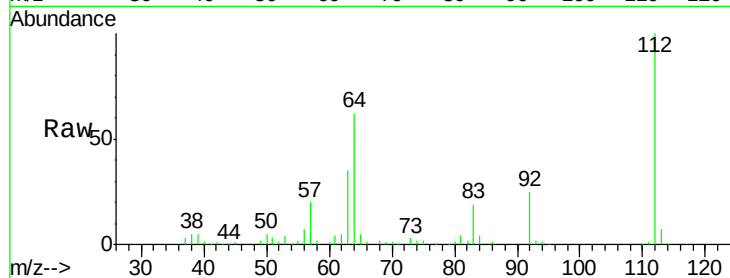
Acq: 22 Jan 2015 19:39

Instrument :

BNA_F

ClientSampleId :

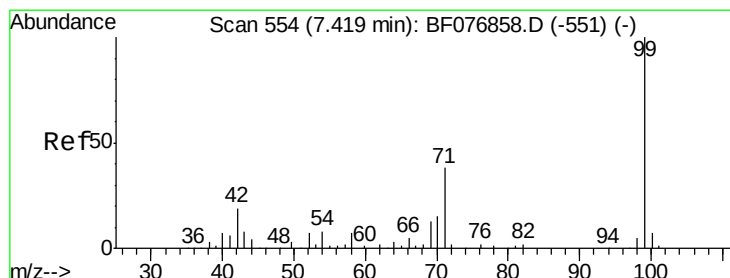
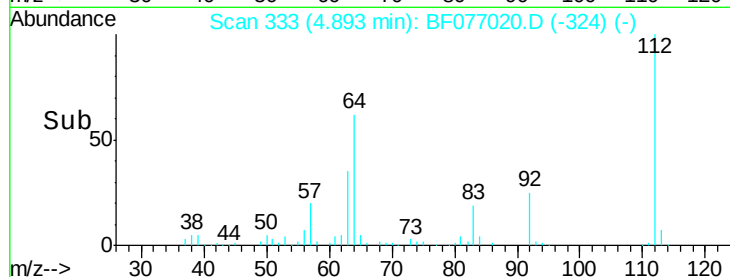
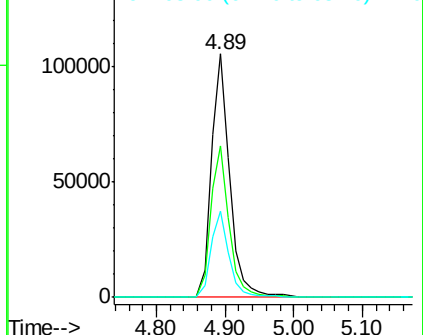
Tot Ion:	112	Resp:	197053
Ion	Ratio	Lower	Upper
112	100		
64	62.0	54.2	81.4
63	35.3	28.4	42.6



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: 142.27 ng

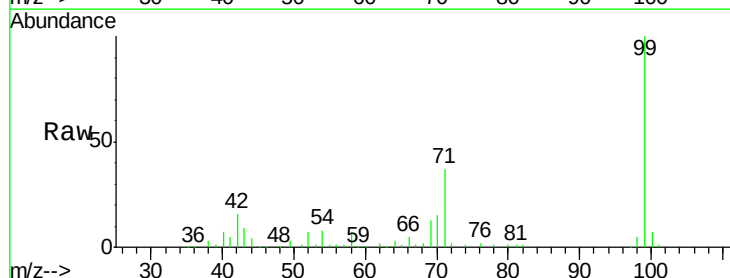
RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

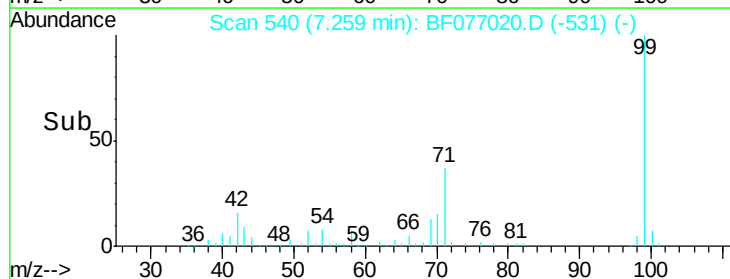
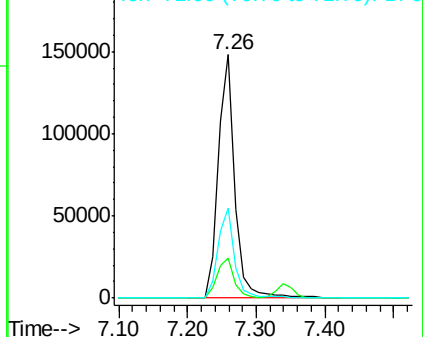
Tgt Ion:	99	Resp:	252123
Ion	Ratio	Lower	Upper
99	100		
42	16.4	15.0	22.4
71	36.7	30.5	45.7

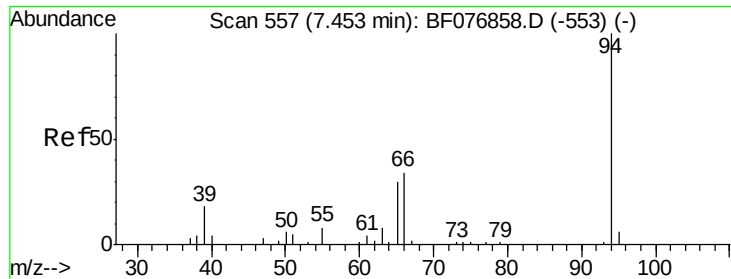


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 4.03 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

Instrument :

BNA_F

ClientSampleId :

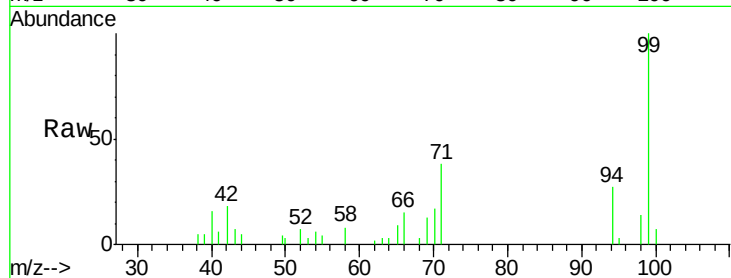
Tot Ion: 94 Resp: 7584

Ion Ratio Lower Upper

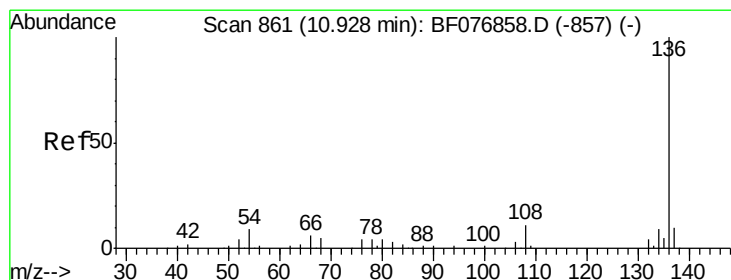
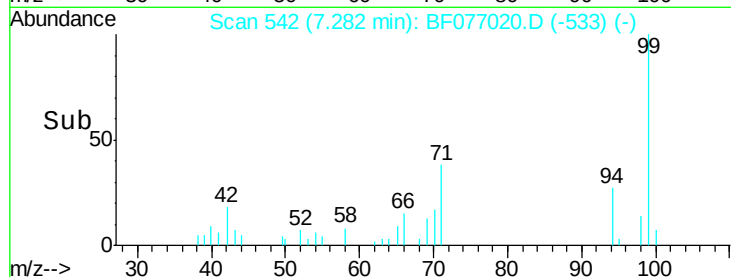
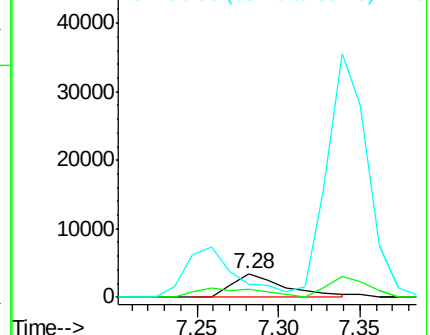
94 100

65 34.5 11.3 51.3

66 58.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

Tgt Ion: 136 Resp: 101535

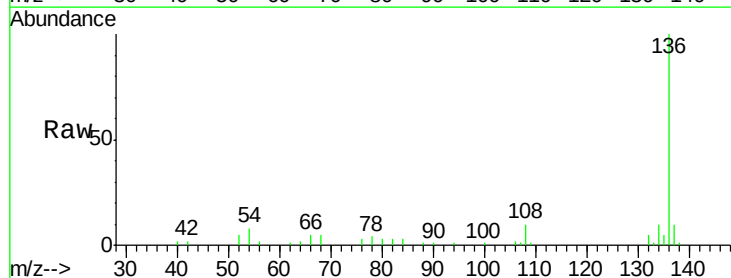
Ion Ratio Lower Upper

136 100

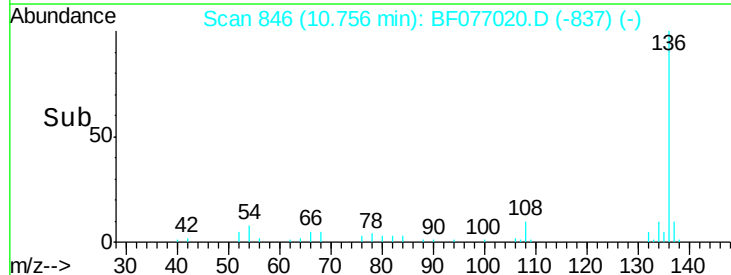
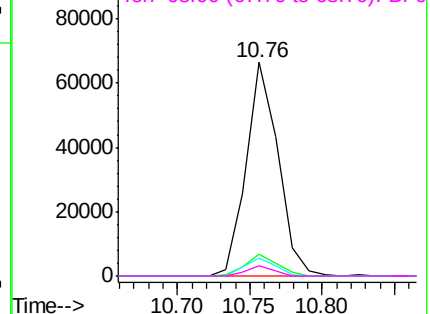
137 9.9 8.1 12.1

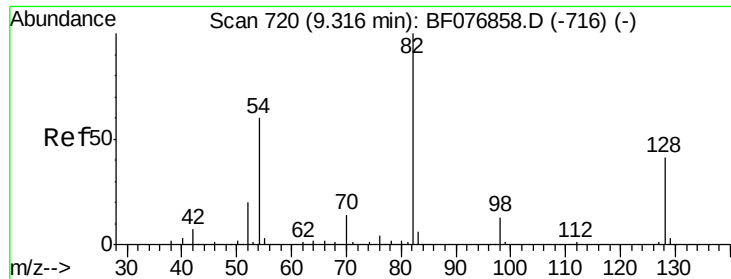
54 8.3 7.0 10.4

68 4.6 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

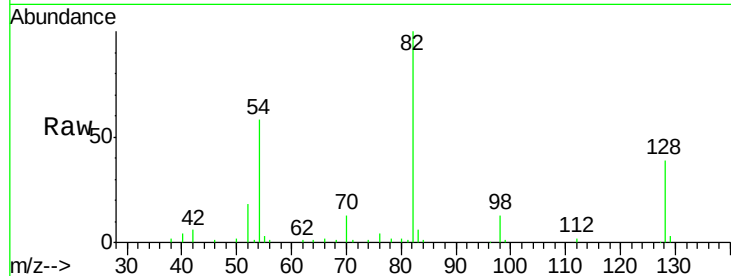




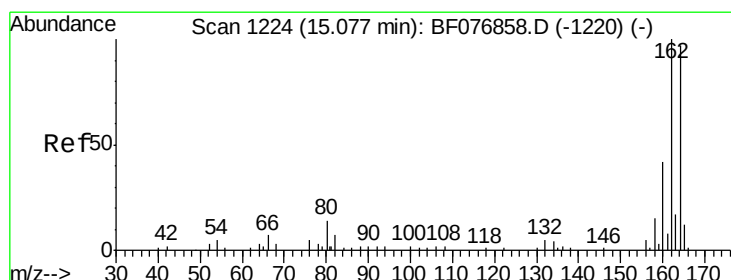
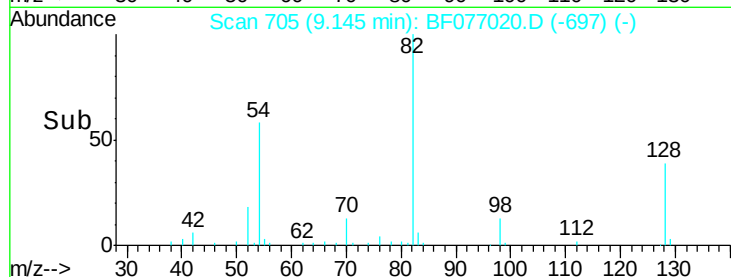
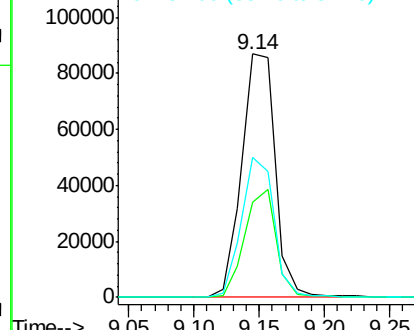
#23
 Nitrobenzene-d5
 Concen: 84.93 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077020.D
 Acq: 22 Jan 2015 19:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	155654
Ion Ratio	100	Lower	Upper
128	39.1	33.1	49.7
54	57.7	48.3	72.5

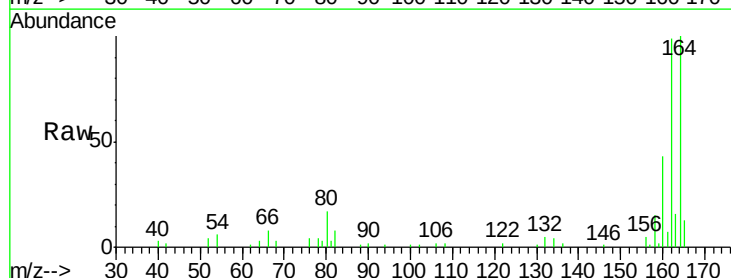


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

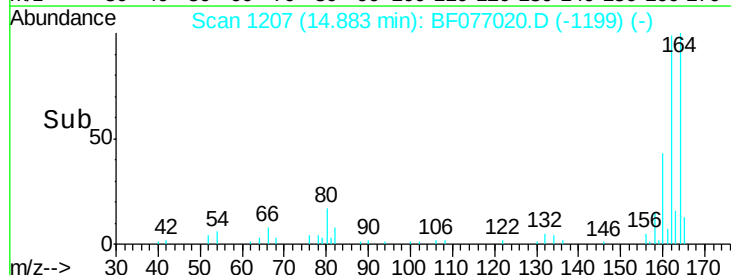
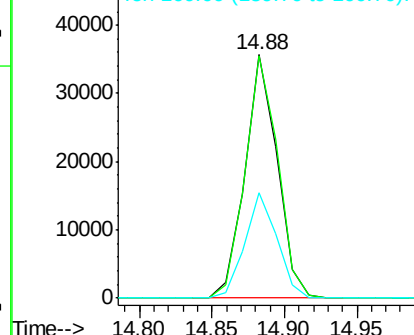


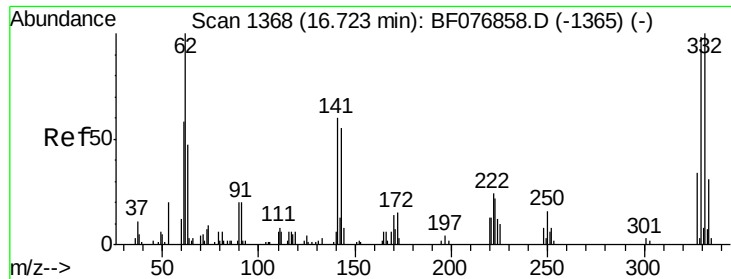
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077020.D
 Acq: 22 Jan 2015 19:39

Tgt Ion	164	Resp	54906
Ion Ratio	100	Lower	Upper
162	99.3	82.4	123.6
160	43.1	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

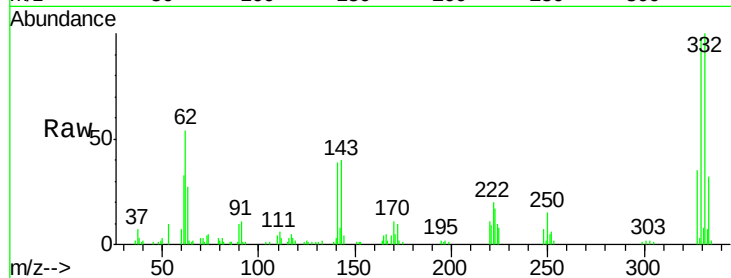




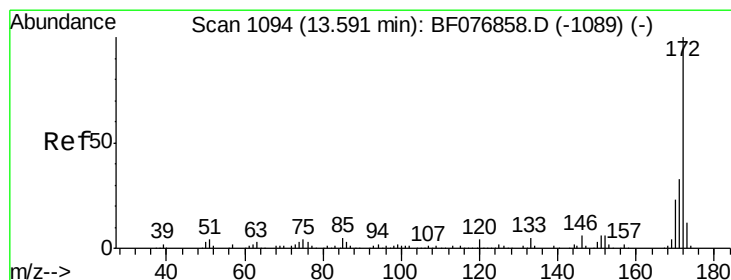
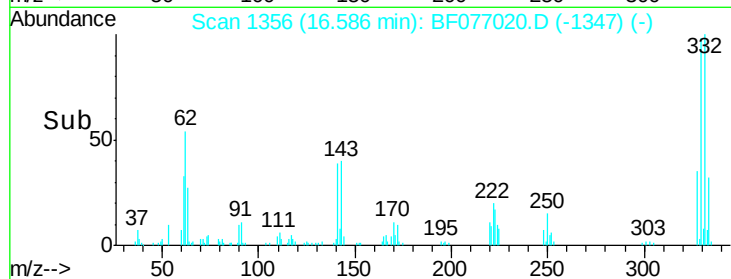
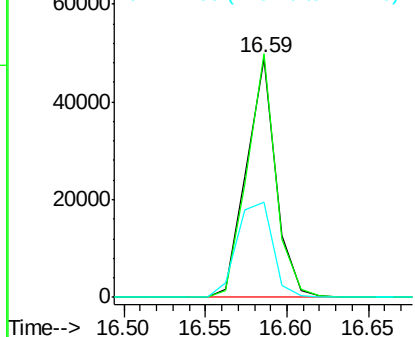
#41
 2,4,6-Tribromophenol
 Concen: 137.89 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077020.D
 Acq: 22 Jan 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61454
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 48.2 38.5 57.7

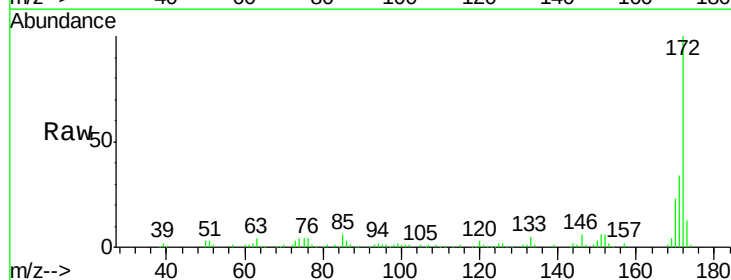


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

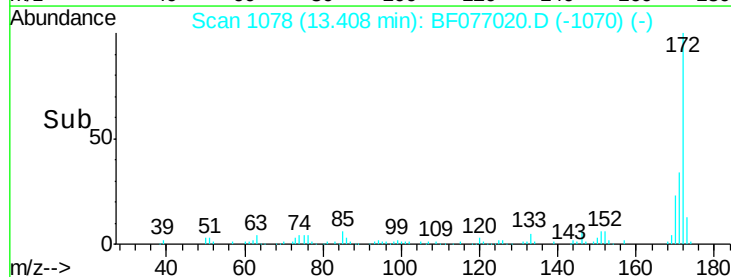
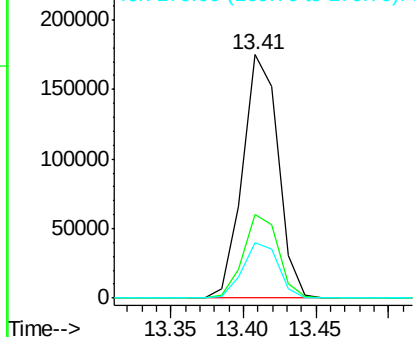


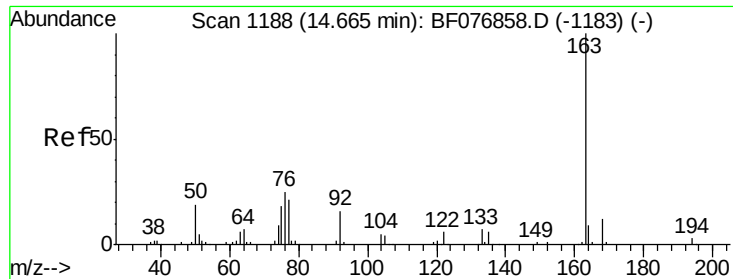
#44
 2-Fluorobiphenyl
 Concen: 82.40 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077020.D
 Acq: 22 Jan 2015 19:39

Tgt Ion:172 Resp: 297284
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.6 40.0
 170 22.9 18.0 27.0



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





#49

Dimethylphthalate

Concen: 5.05 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

Instrument :

BNA_F

ClientSampleId :

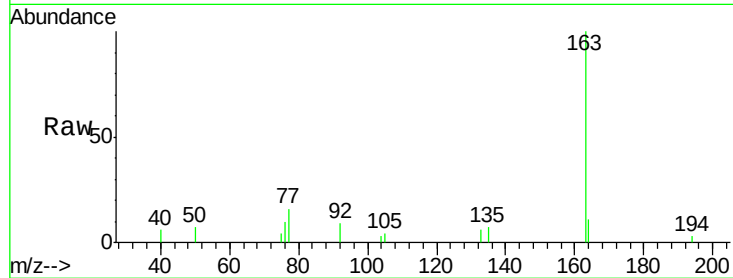
Tot Ion:163 Resp: 19647

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

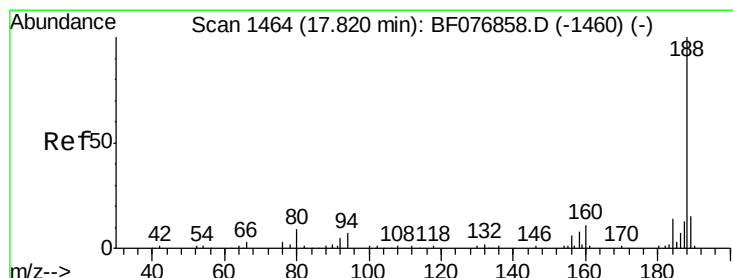
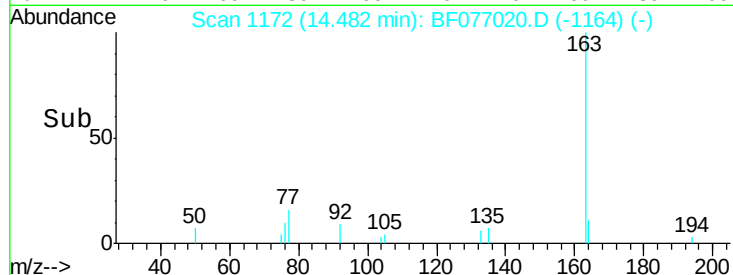
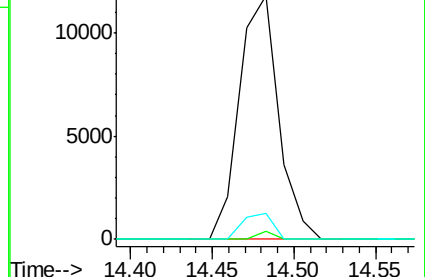
164 10.9 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.68 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

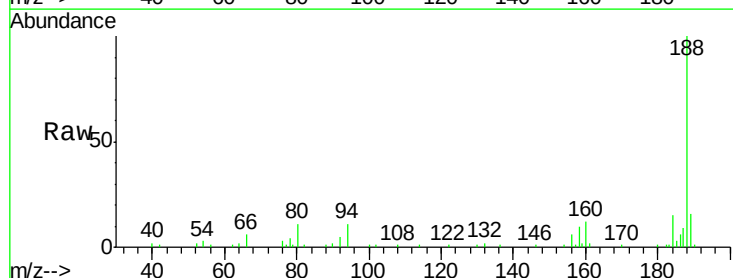
Tgt Ion:188 Resp: 88469

Ion Ratio Lower Upper

188 100

94 10.7 6.0 9.0#

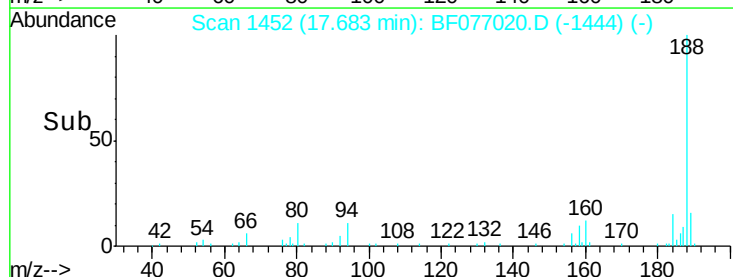
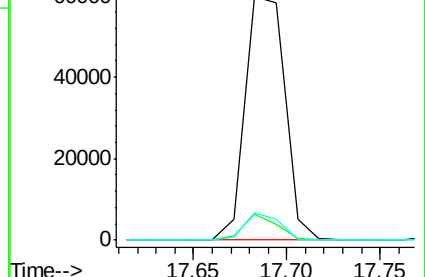
80 11.4 6.9 10.3#

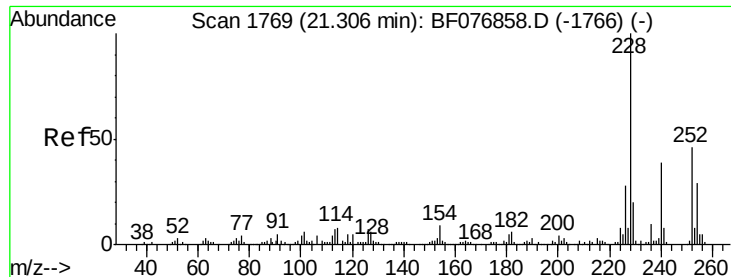


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

Instrument :

BNA_F

ClientSampleId :

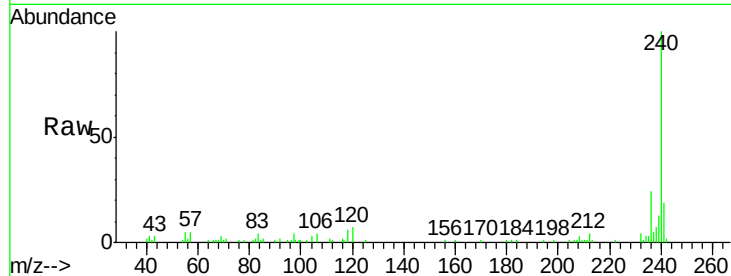
Tot Ion:240 Resp: 83812

Ion Ratio Lower Upper

240 100

120 7.2 10.4 15.6#

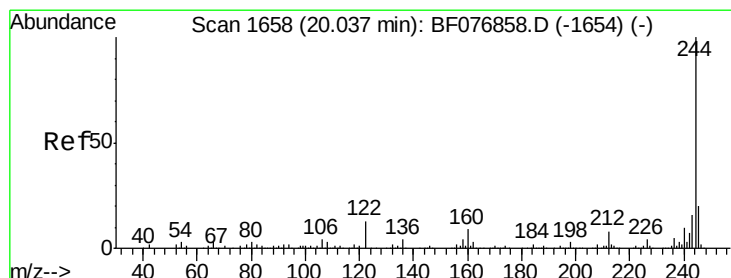
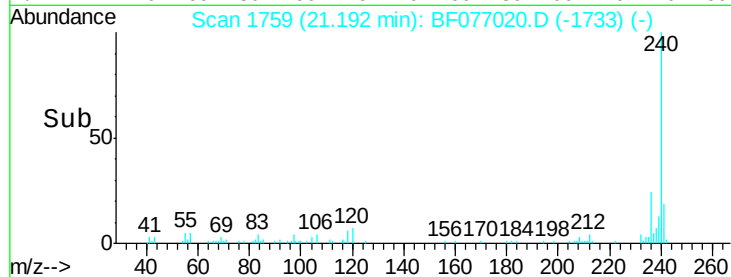
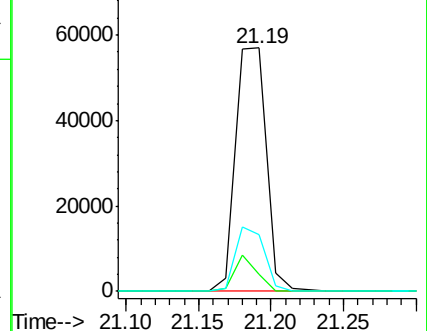
236 23.5 20.2 30.2



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: 80.45 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF077020.D

Acq: 22 Jan 2015 19:39

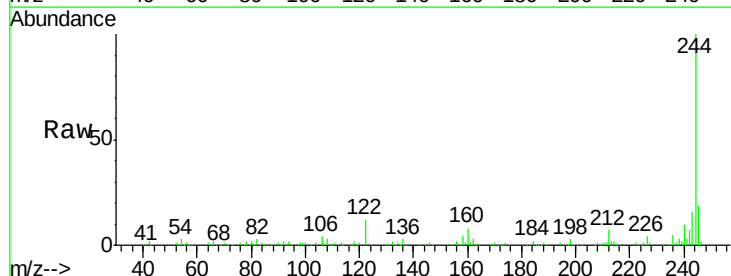
Tgt Ion:244 Resp: 292882

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

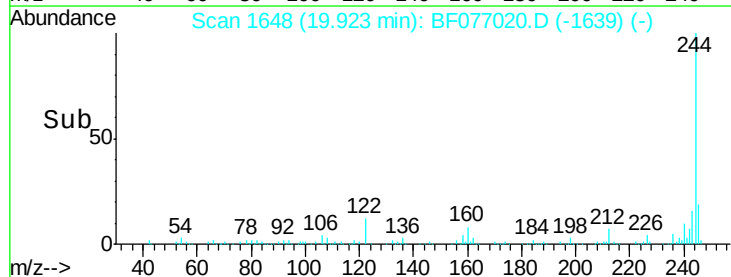
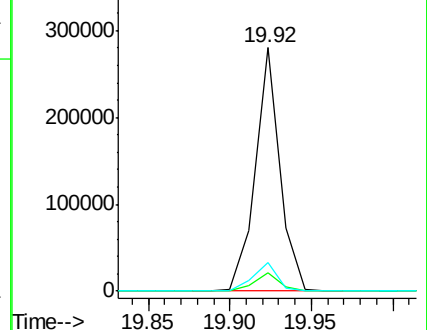
122 11.9 10.1 15.1

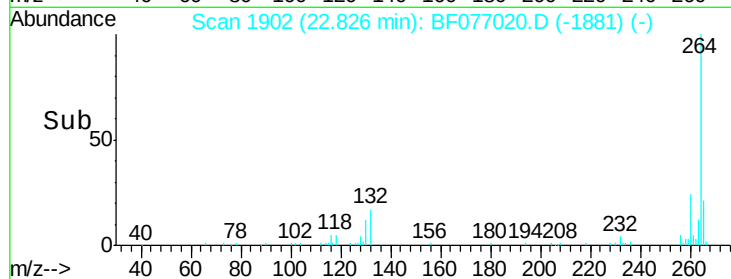
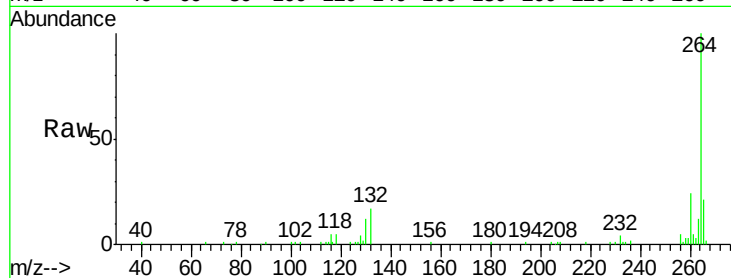
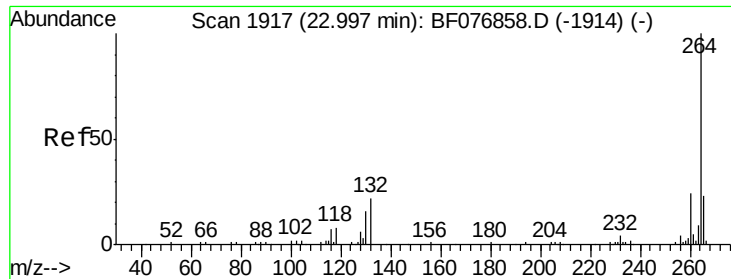


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.83 min Scan# 1902
 Delta R.T. -0.06 min
 Lab File: BF077020.D
 Acq: 22 Jan 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.4	18.1	27.1

