

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076889.D
 Acq On : 15 Jan 2015 17:58
 Operator : IZ / TP
 Sample : G1030-01
 Misc : S
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 00:55:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

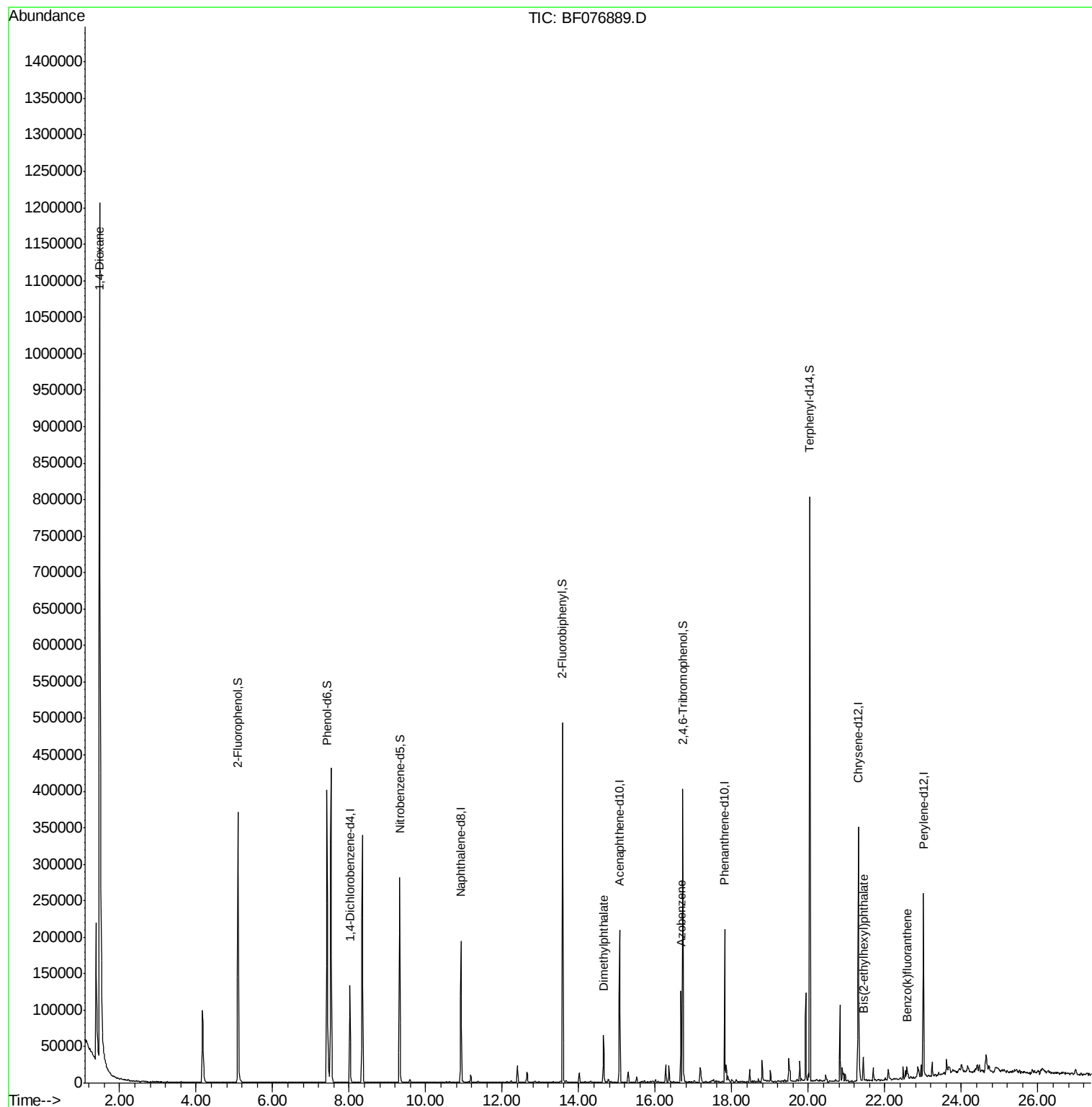
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35328	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	145129	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	74741	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	122572	20.00	ng	0.00
75) Chrysene-d12	21.31	240	126754	20.00	ng	0.00
86) Perylene-d12	23.01	264	119066	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	188293	87.63	ng	0.00
7) Phenol-d6	7.42	99	234673	86.58	ng	0.00
23) Nitrobenzene-d5	9.32	82	149225	56.96	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	53408	88.03	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	256306	52.19	ng	-0.01
78) Terphenyl-d14	20.04	244	260761	47.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	55922	60.78	ng	# 12
49) Dimethylphthalate	14.64	163	45842	8.65	ng	99
62) Azobenzene	16.67	77	30782	5.52	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.44	149	14758	2.71	ng	# 93
88) Benzo(k)fluoranthene	22.57	252	14381	2.05	ng	# 95

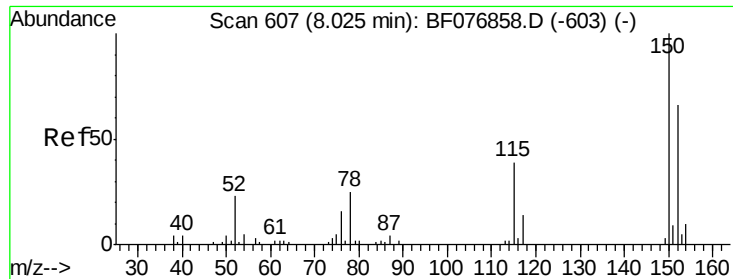
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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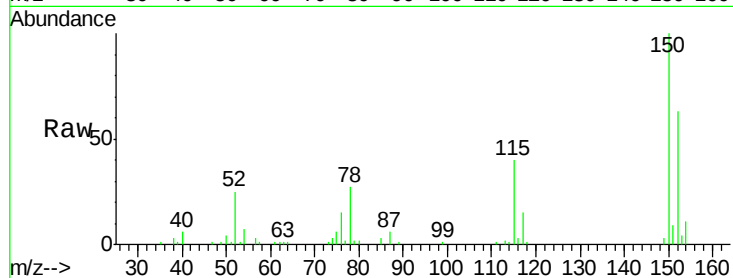


#1

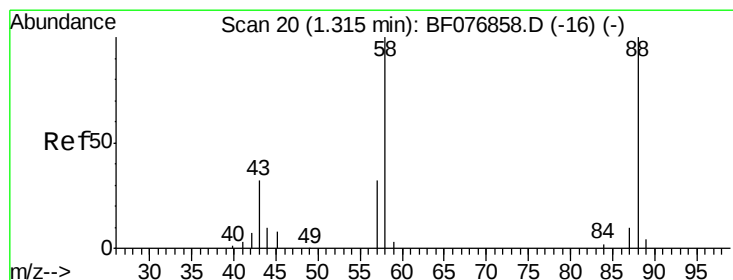
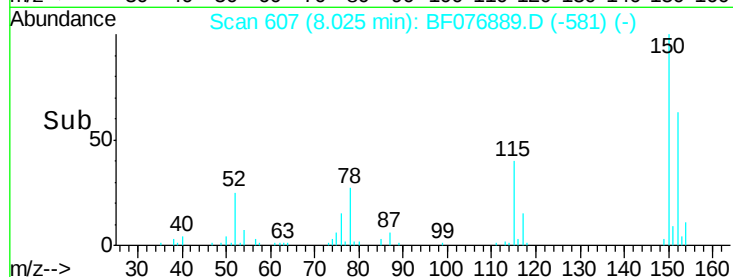
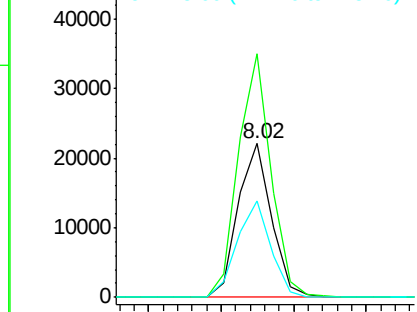
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076889.D
Acq: 15 Jan 2015 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35328
Ion Ratio Lower Upper
152 100
150 158.5 121.7 182.5
115 62.7 47.0 70.6



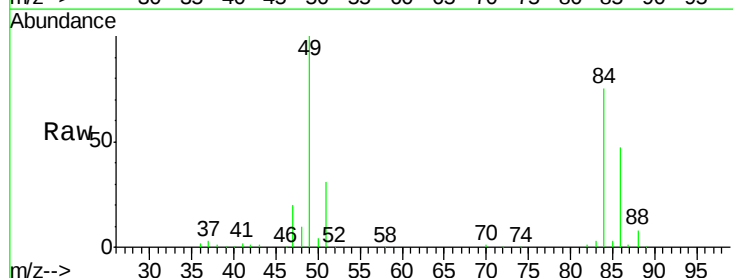
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



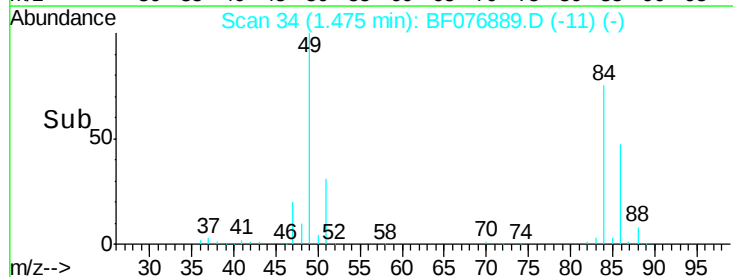
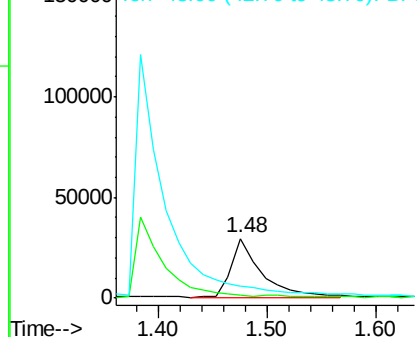
#2

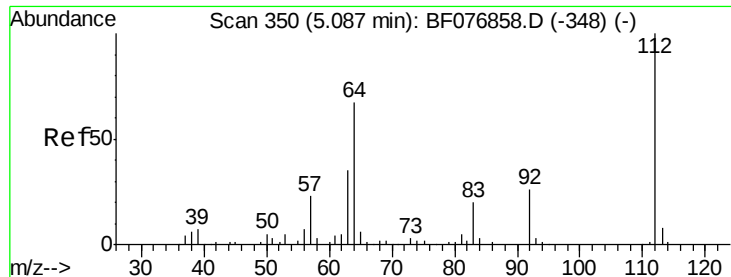
1,4-Dioxane
Concen: 60.78 ng
RT: 1.48 min Scan# 34
Delta R.T. 0.16 min
Lab File: BF076889.D
Acq: 15 Jan 2015 17:58

Tgt Ion: 88 Resp: 55922
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: 87.63 ng

RT: 5.09 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

Instrument :

BNA_F

ClientSampled :

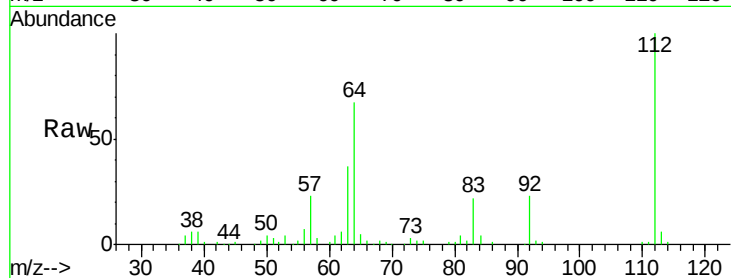
Tot Ion: 112 Resp: 188293

Ion Ratio Lower Upper

112 100

64 66.6 54.2 81.4

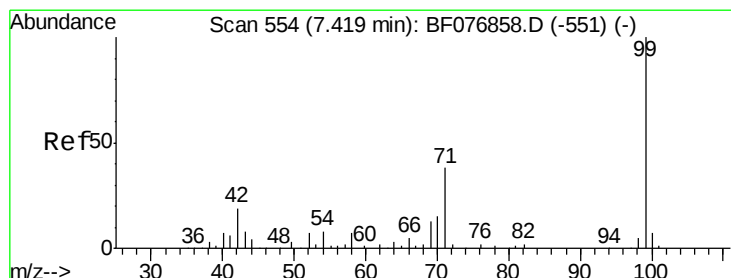
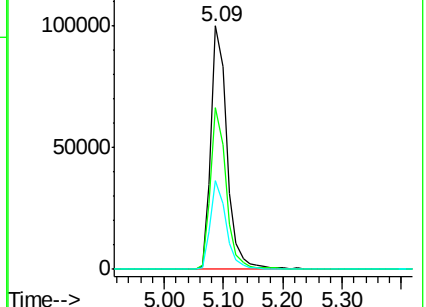
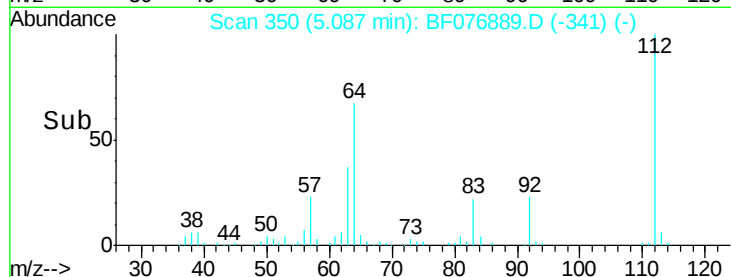
63 36.7 28.4 42.6



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: 86.58 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

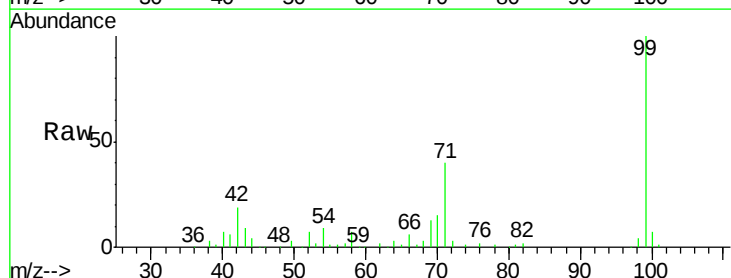
Tgt Ion: 99 Resp: 234673

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

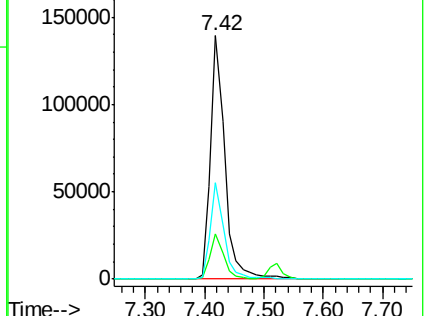
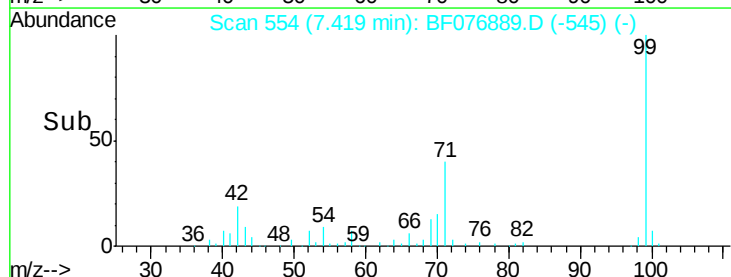
71 39.7 30.5 45.7



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

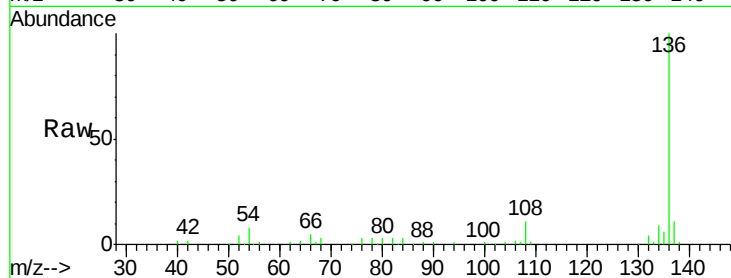




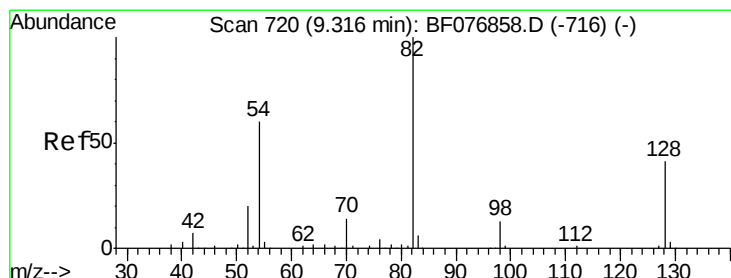
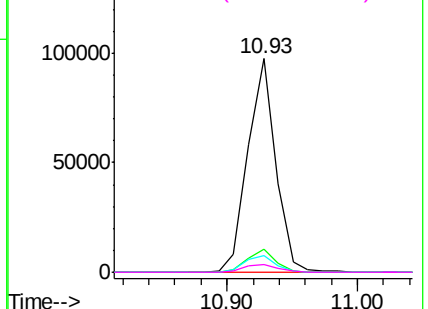
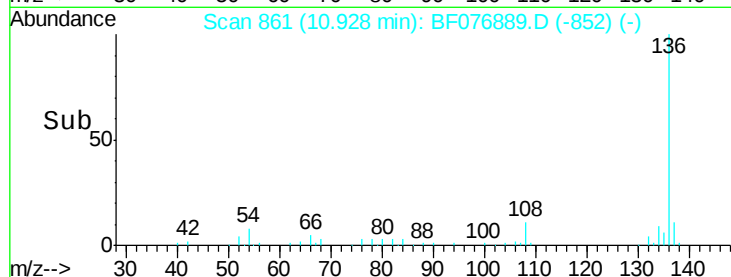
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076889.D
Acq: 15 Jan 2015 17:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	145129
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.1 12.1
54	7.6	7.0 10.4
68	3.4	3.7 5.5#

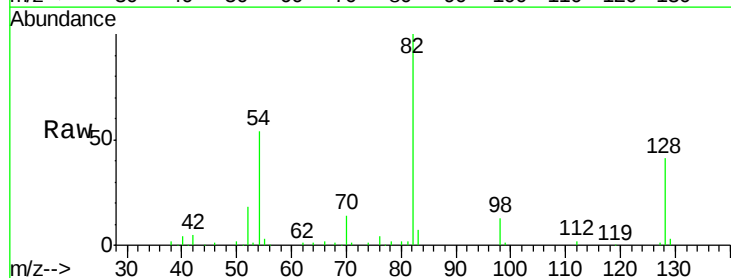


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

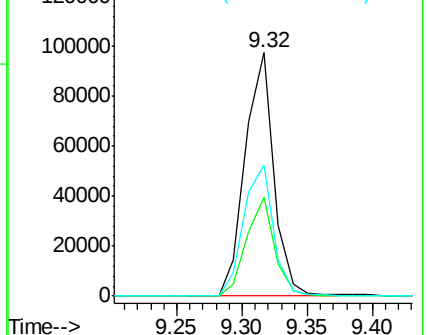
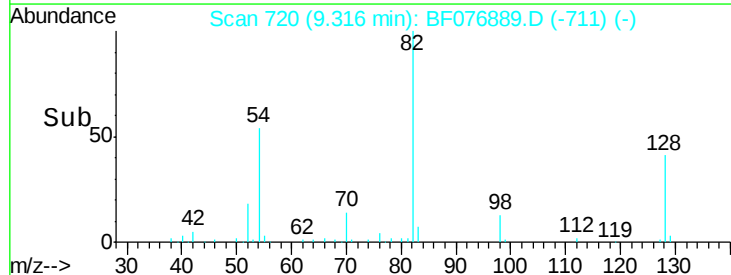


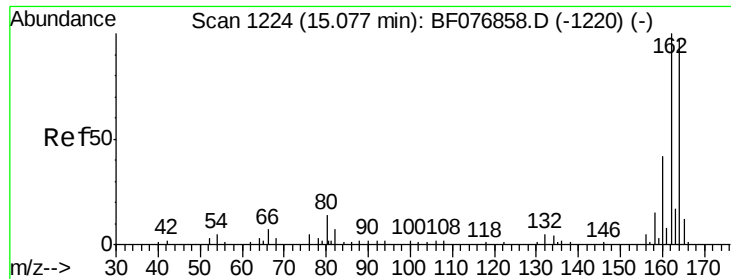
#23
Nitrobenzene-d5
Concen: 56.96 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076889.D
Acq: 15 Jan 2015 17:58

Tgt Ion: 82	Resp:	149225
Ion Ratio	Lower	Upper
82	100	
128	40.5	33.1 49.7
54	53.9	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: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

Instrument :

BNA_F

ClientSampleId :

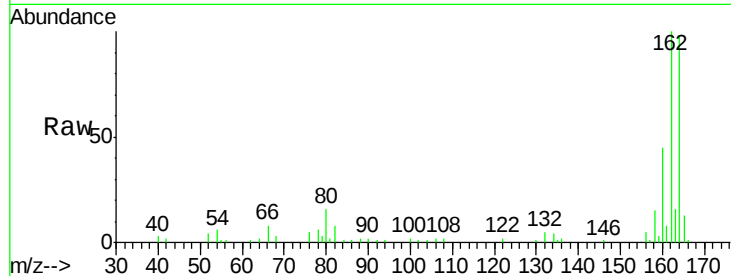
Tot Ion:164 Resp: 74741

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

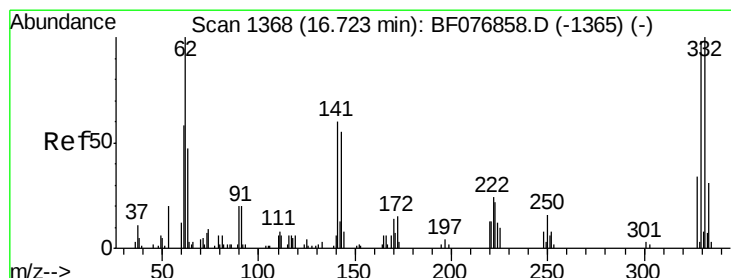
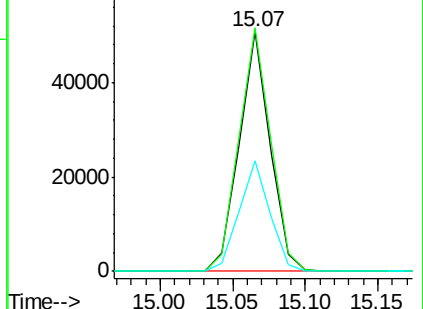
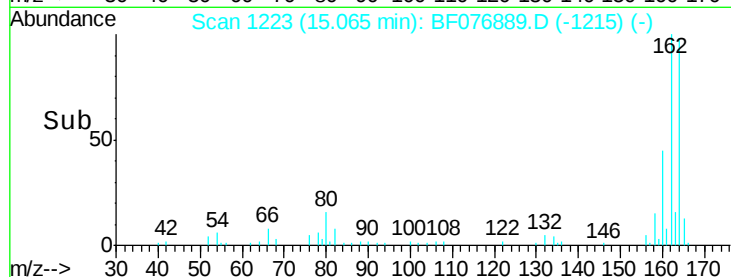
160 46.1 34.8 52.2



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: 88.03 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

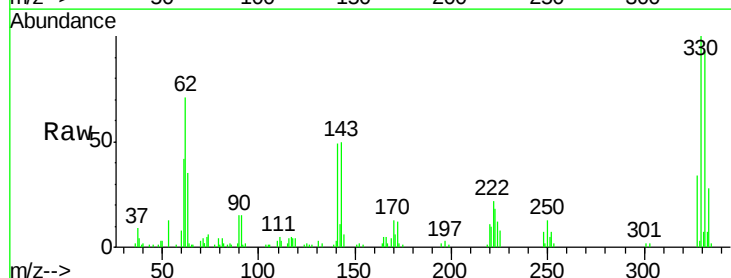
Tgt Ion:330 Resp: 53408

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

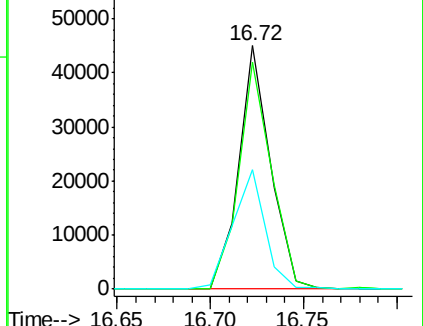
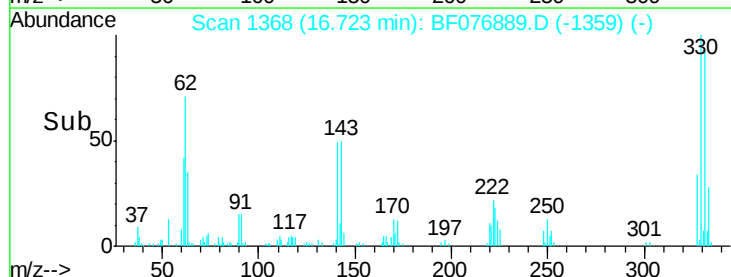
141 50.3 38.5 57.7

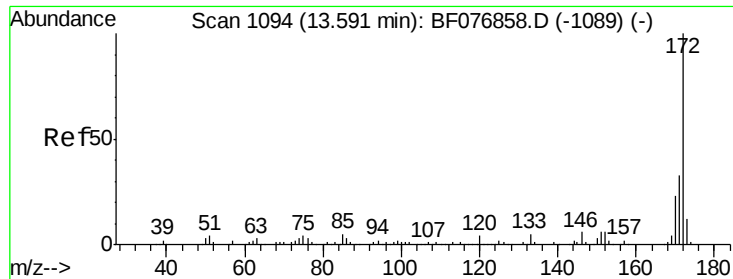


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

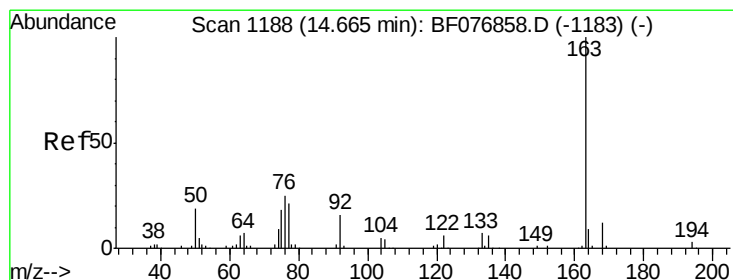
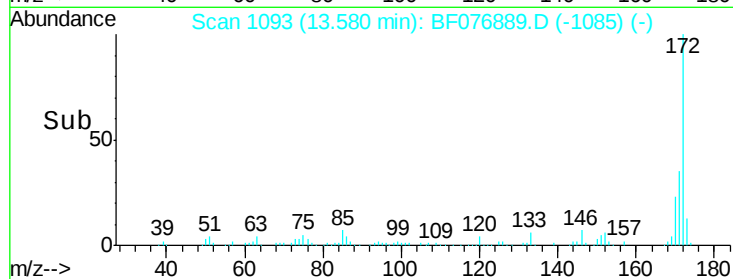
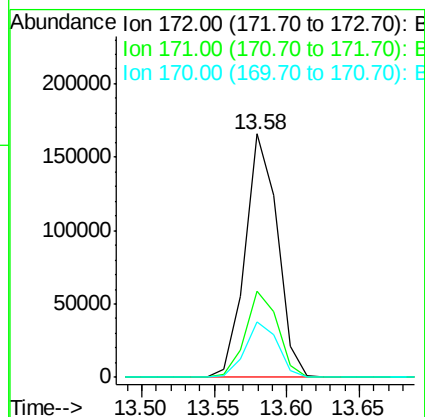
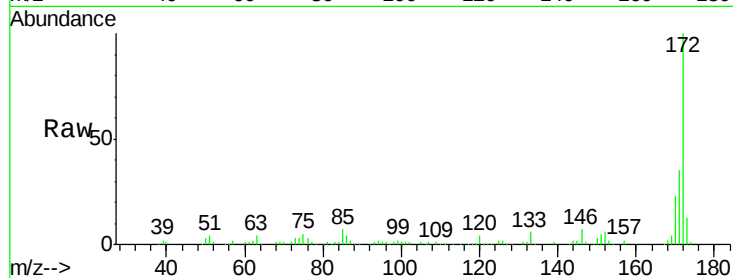




#44
2-Fluorobiphenyl
Concen: 52.19 ng
RT: 13.58 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF076889.D
Acq: 15 Jan 2015 17:58

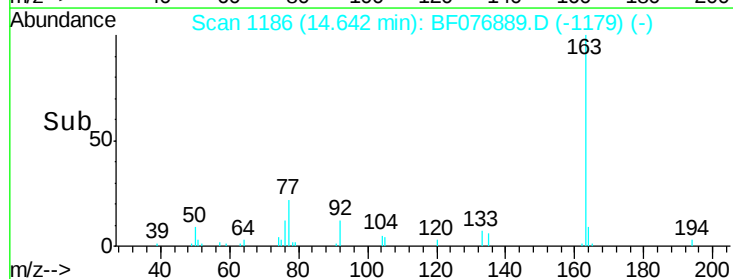
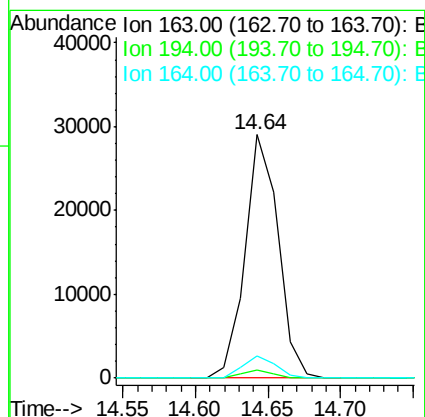
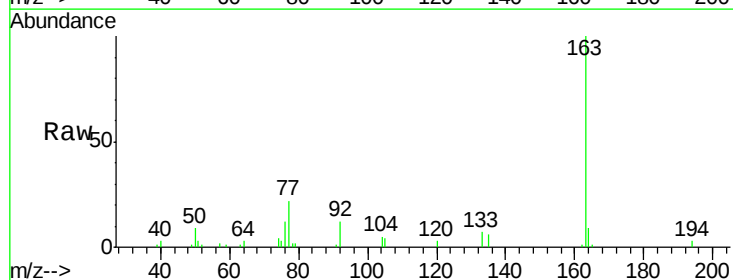
Instrument :
BNA_F
ClientSampleId :

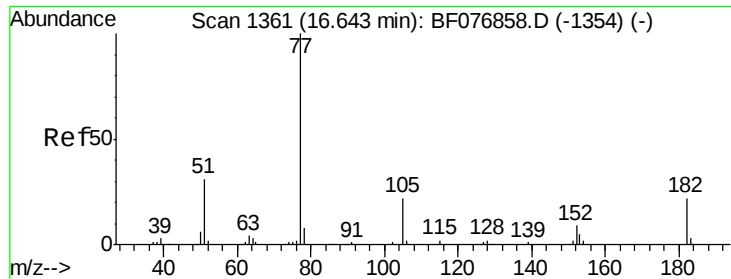
Tot Ion:172 Resp: 256306
Ion Ratio Lower Upper
172 100
171 35.3 26.6 40.0
170 22.6 18.0 27.0



#49
Dimethylphthalate
Concen: 8.65 ng
RT: 14.64 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF076889.D
Acq: 15 Jan 2015 17:58

Tgt Ion:163 Resp: 45842
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.1 7.5 11.3





#62

Azobenzene

Concen: 5.52 ng

RT: 16.67 min Scan# 1363

Delta R.T. 0.02 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 30782

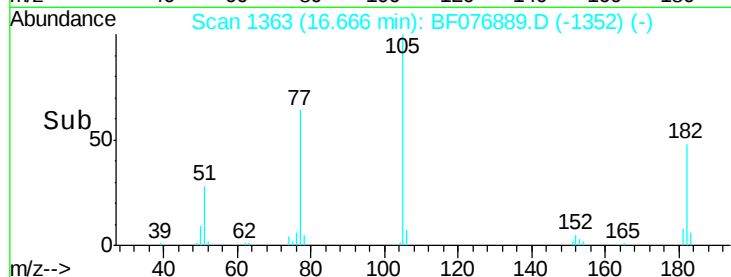
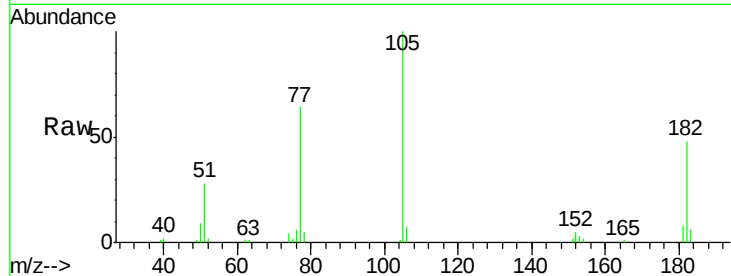
Ion Ratio Lower Upper

77 100

182 74.6 2.0 42.0#

105 155.3 2.3 42.3#

51 43.1 10.7 50.7

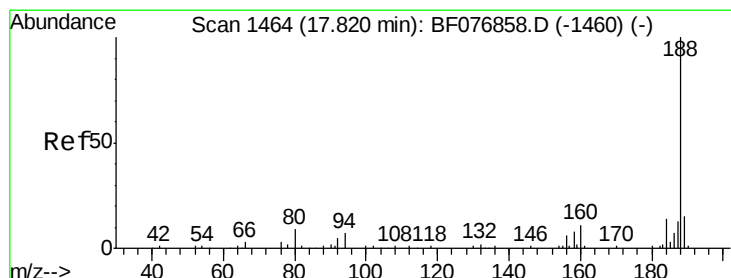
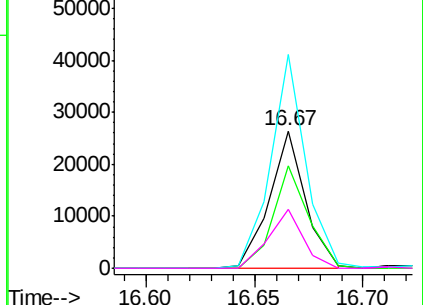


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

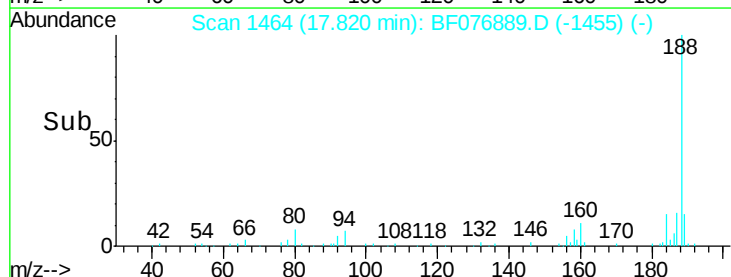
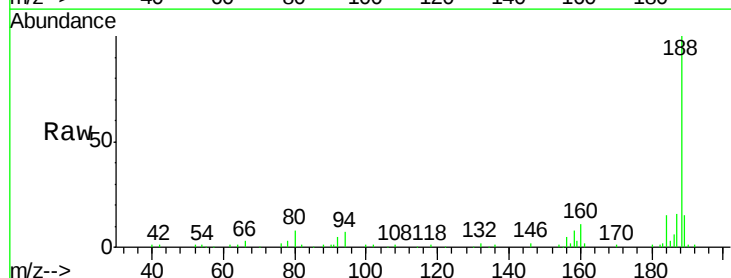
Tgt Ion: 188 Resp: 122572

Ion Ratio Lower Upper

188 100

94 6.9 6.0 9.0

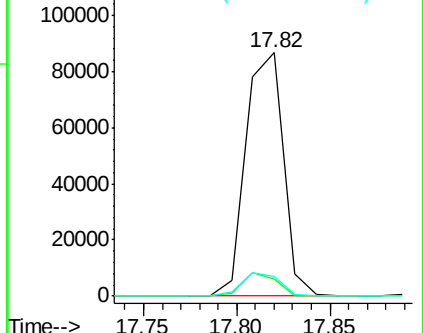
80 7.9 6.9 10.3

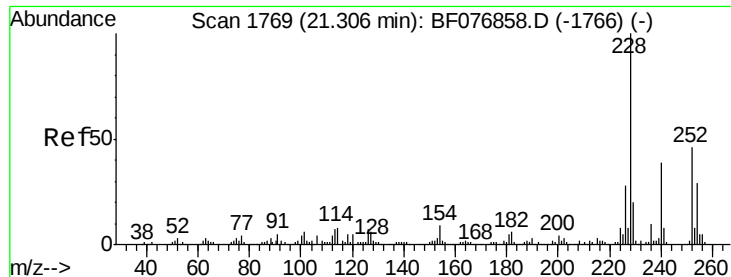


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

Instrument :

BNA_F

ClientSampleId :

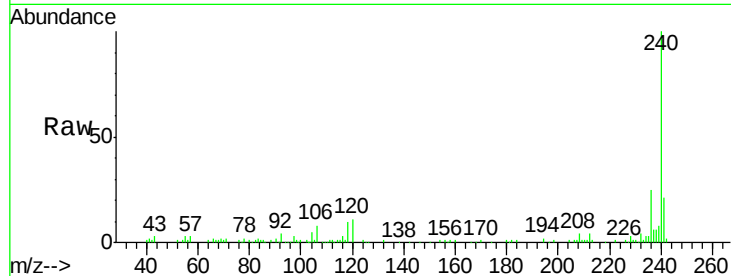
Tot Ion:240 Resp: 126754

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

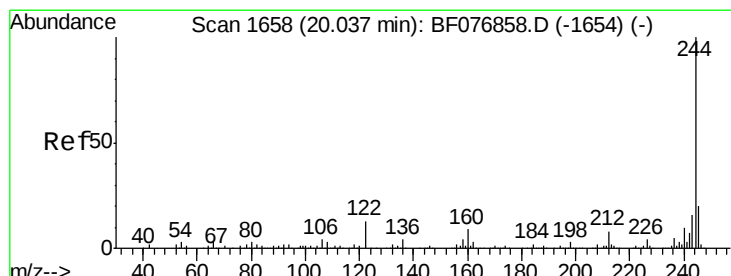
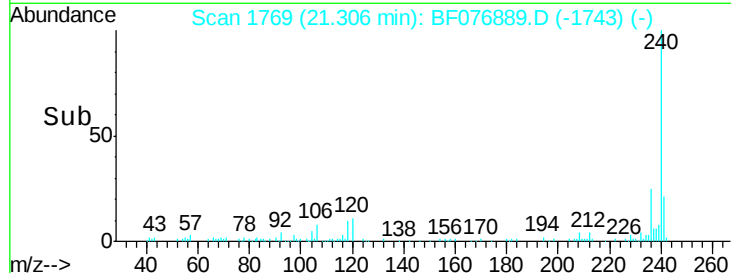
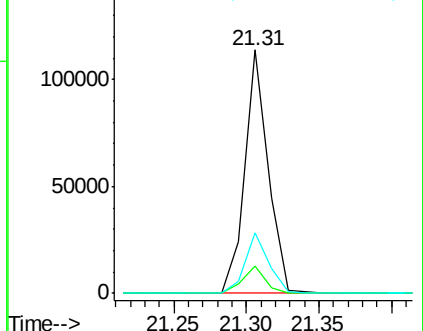
236 25.1 20.2 30.2



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: 47.36 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

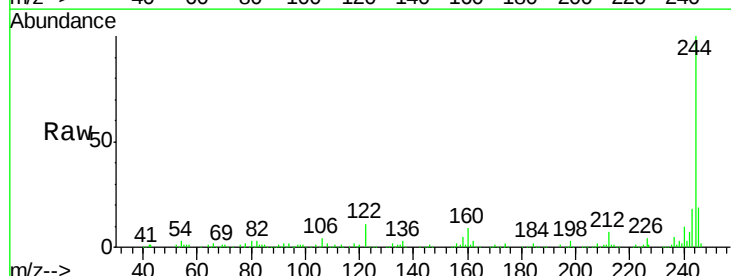
Tgt Ion:244 Resp: 260761

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

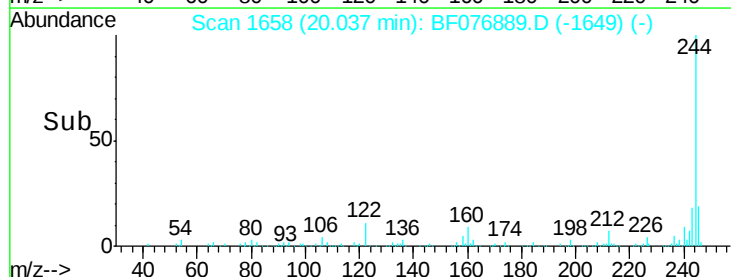
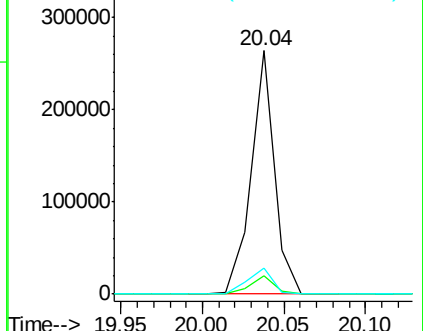
122 10.6 10.1 15.1

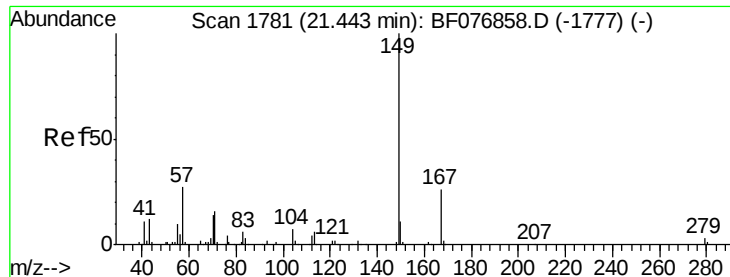


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.71 ng

RT: 21.44 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

Instrument :

BNA_F

ClientSampleId :

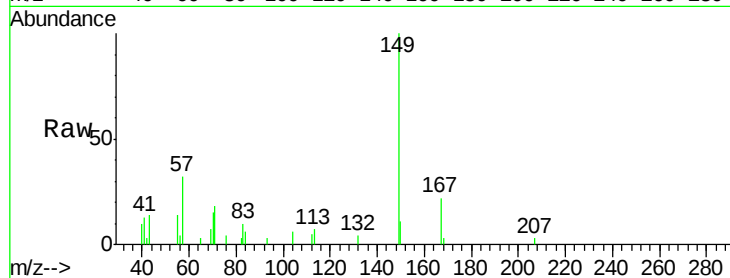
Tot Ion:149 Resp: 14758

Ion Ratio Lower Upper

149 100

167 22.3 20.6 30.8

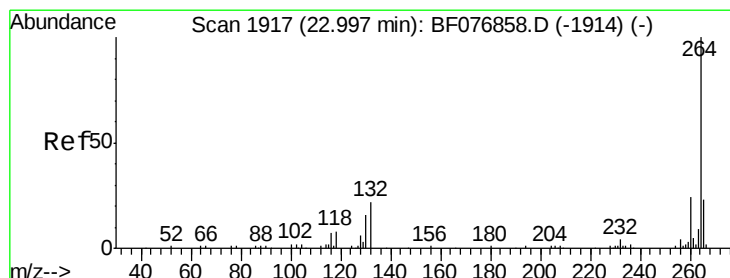
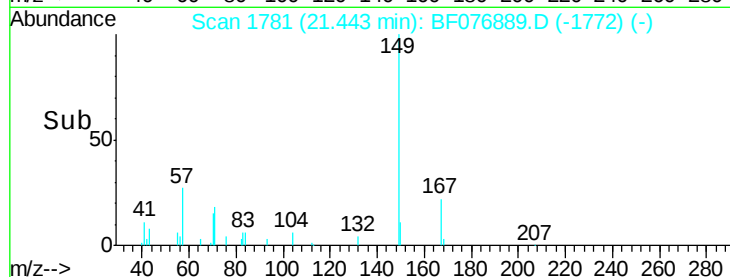
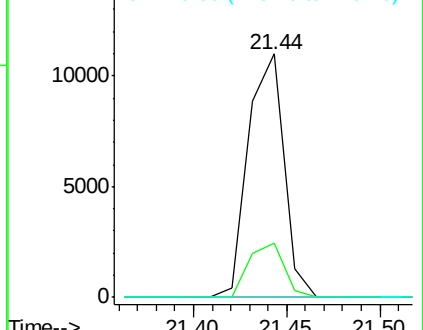
279 0.0 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.01 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

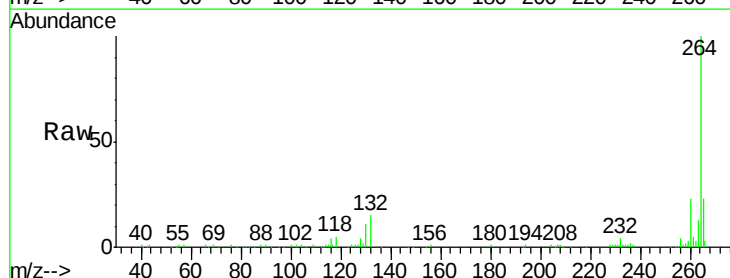
Tgt Ion:264 Resp: 119066

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

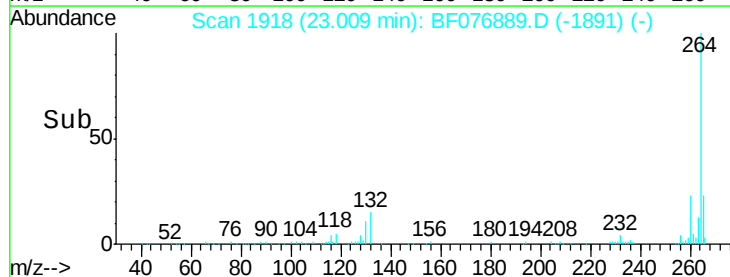
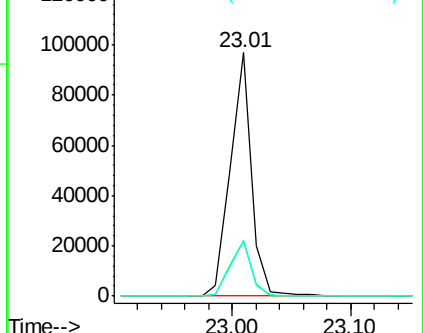
265 22.6 18.1 27.1

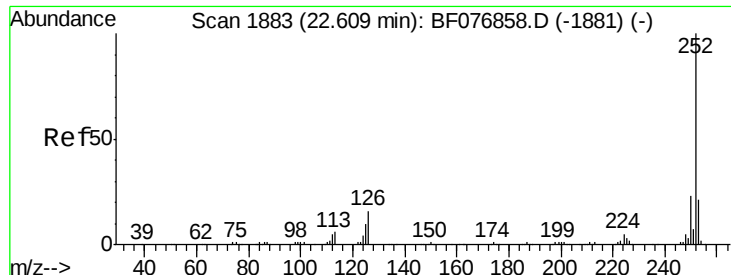


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.05 ng

RT: 22.57 min Scan# 1880

Delta R.T. -0.03 min

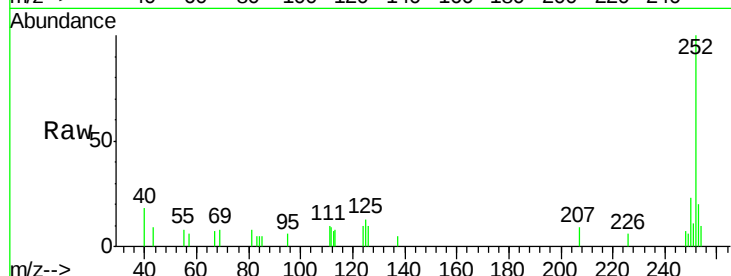
Lab File: BF076889.D

Acq: 15 Jan 2015 17:58

Instrument :

BNA_F

ClientSampleId :



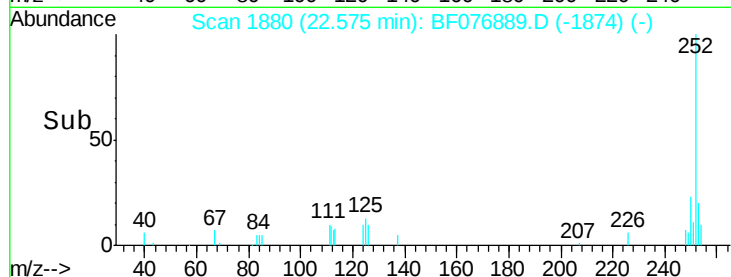
Tot Ion: 252 Resp: 14381

Ion Ratio Lower Upper

252 100

253 20.3 17.2 25.8

125 12.9 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

