

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077109.D
 Acq On : 28 Jan 2015 19:13
 Operator : TP/IZ
 Sample : G1158-02DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 01:28:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

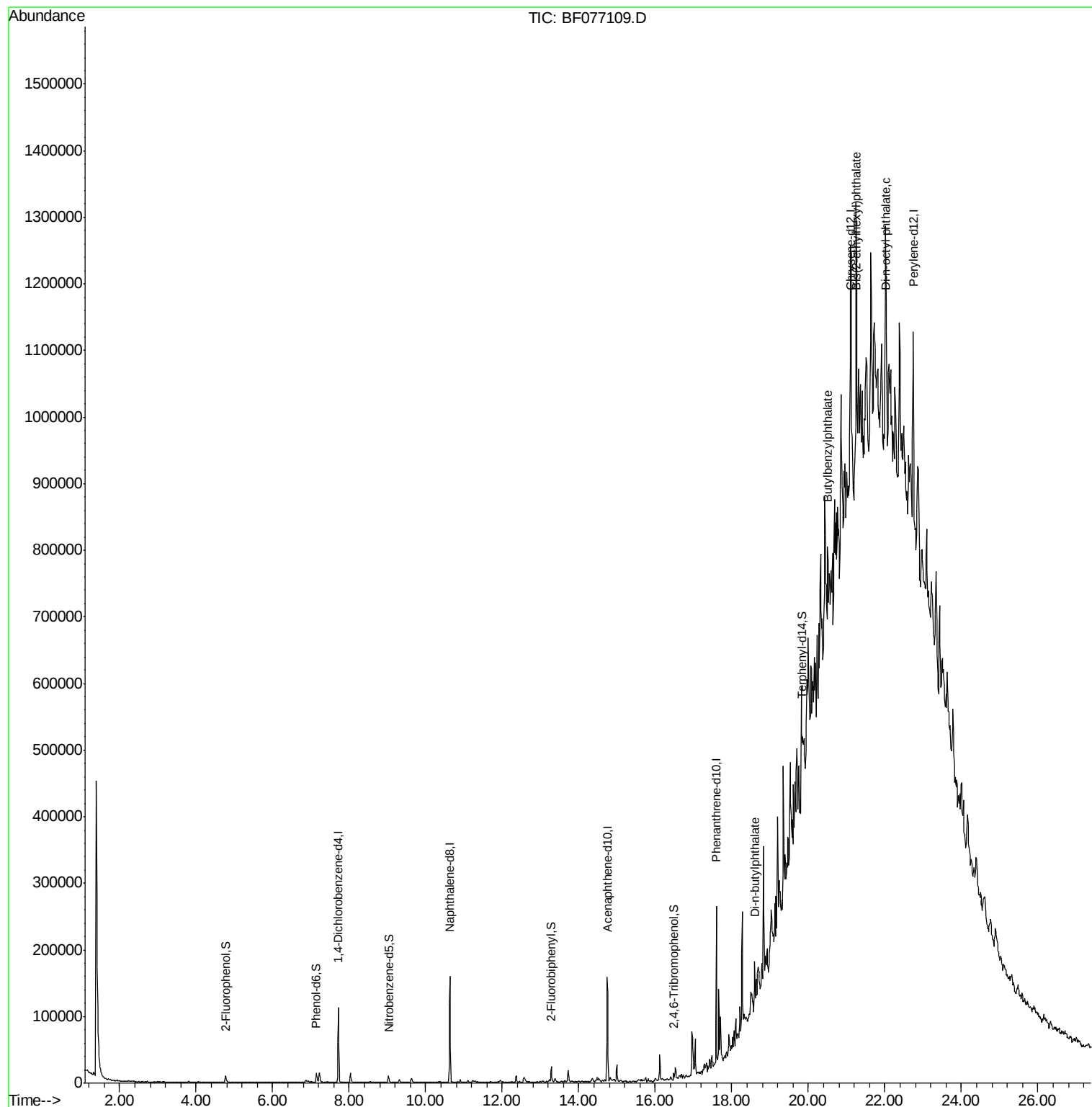
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	29824	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	129138	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	59461	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	107131	20.00	ng	0.00
75) Chrysene-d12	21.10	240	92828	20.00	ng	0.00
86) Perylene-d12	22.75	264	92522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	8258	4.55	ng	0.01
7) Phenol-d6	7.14	99	11030	4.82	ng	0.00
23) Nitrobenzene-d5	9.03	82	6807	2.92	ng	0.01
41) 2,4,6-Tribromophenol	16.48	330	2486	5.15	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	15172	3.88	ng	0.00
78) Terphenyl-d14	19.84	244	13838	3.43	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	18.60	149	23080	3.16	ng	98
79) Butylbenzylphthalate	20.51	149	27673	9.60	ng	89
83) Bis(2-ethylhexyl)phthalate	21.25	149	87124	21.85	ng	99
84) Di-n-octyl phthalate	22.01	149	13957	2.02	ng	# 1

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

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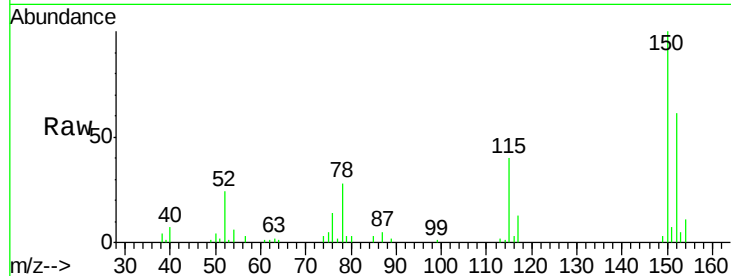


#1

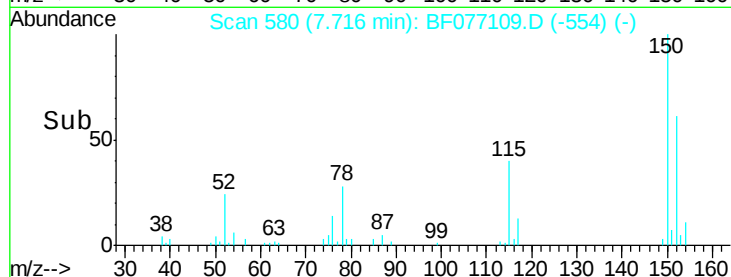
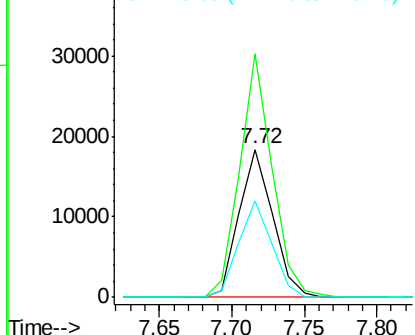
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077109.D
Acq: 28 Jan 2015 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29824
Ion Ratio Lower Upper
152 100
150 164.7 121.7 182.5
115 65.3 47.0 70.6



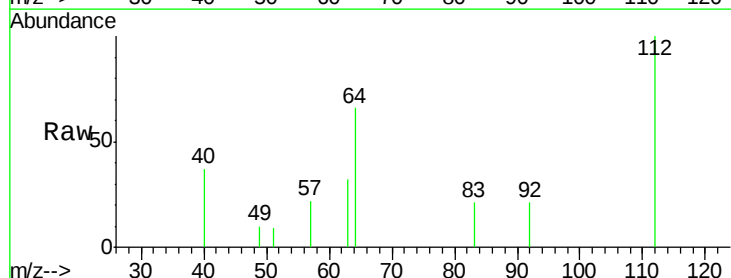
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



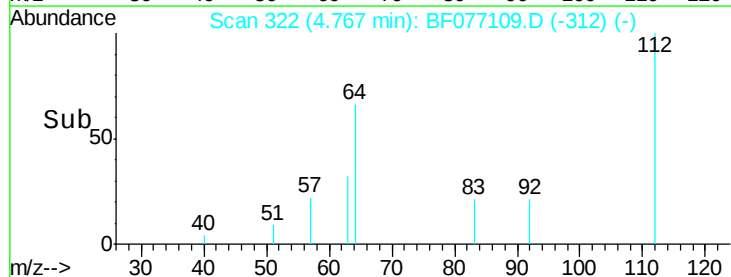
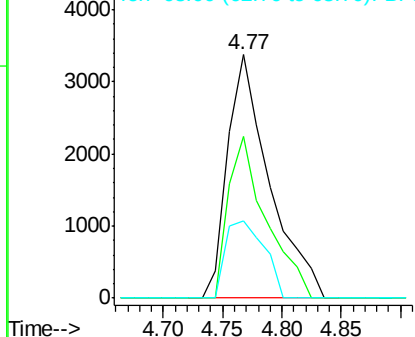
#5

2-Fluorophenol
Concen: 4.55 ng
RT: 4.77 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF077109.D
Acq: 28 Jan 2015 19:13

Tgt Ion:112 Resp: 8258
Ion Ratio Lower Upper
112 100
64 66.4 54.2 81.4
63 31.9 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: 4.82 ng

RT: 7.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF077109.D

Acq: 28 Jan 2015 19:13

Instrument :

BNA_F

ClientSampleId :

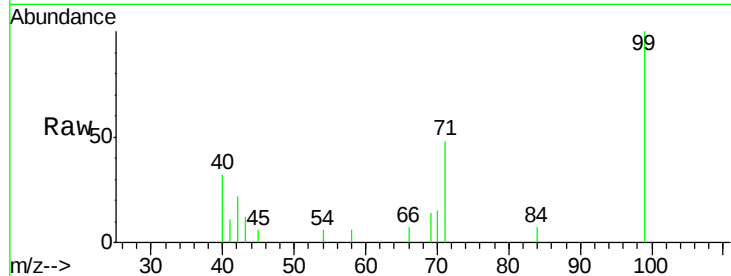
Tot Ion: 99 Resp: 11030

Ion Ratio Lower Upper

99 100

42 21.6 15.0 22.4

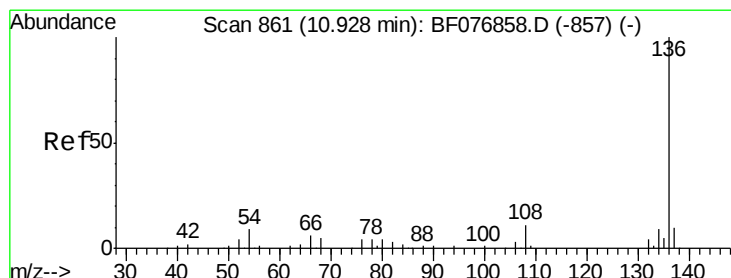
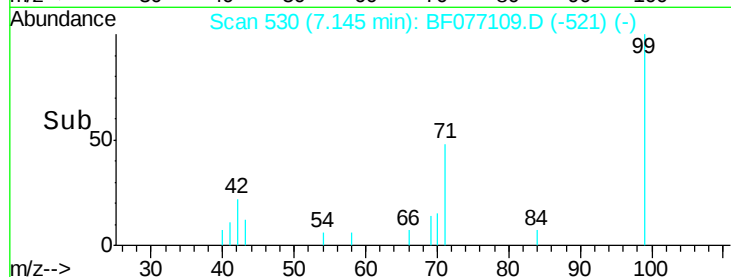
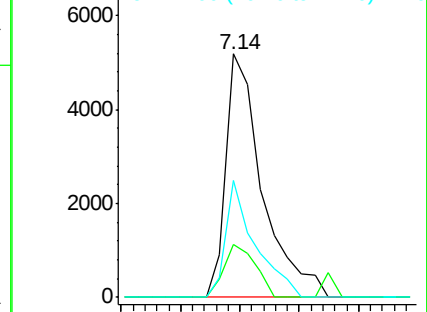
71 48.1 30.5 45.7#



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: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077109.D

Acq: 28 Jan 2015 19:13

Tgt Ion: 136 Resp: 129138

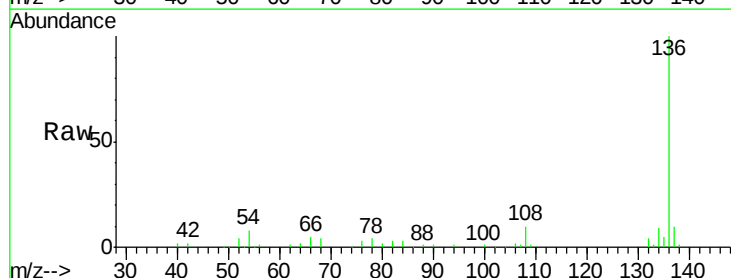
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 7.6 7.0 10.4

68 3.7 3.7 5.5

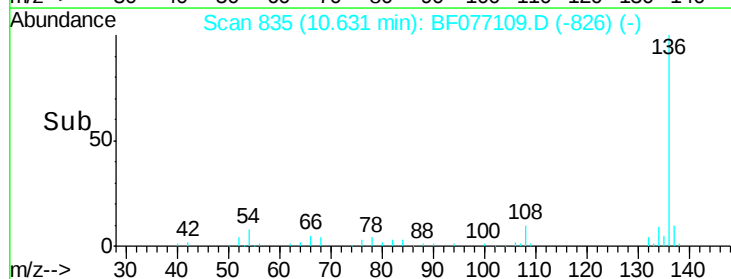
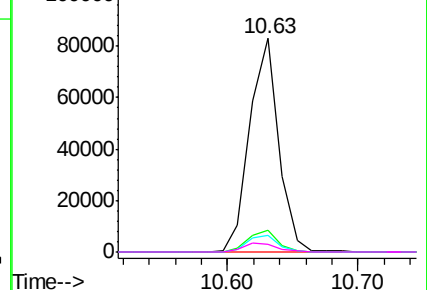


Abundance Ion 136.00 (135.70 to 136.70): E

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

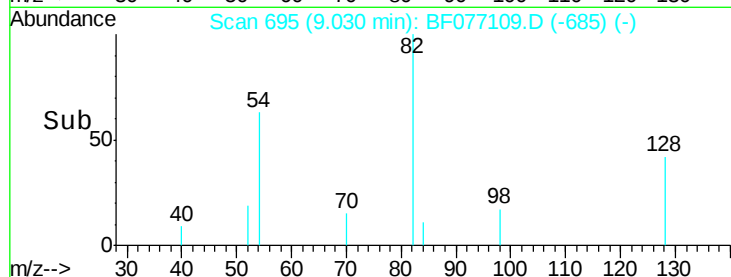
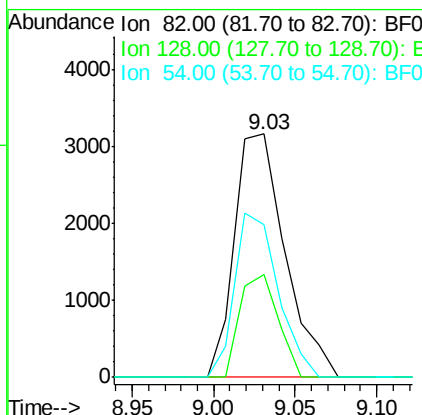
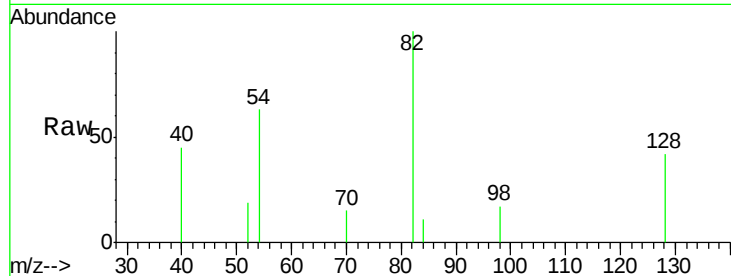




#23
 Nitrobenzene-d5
 Concen: 2.92 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

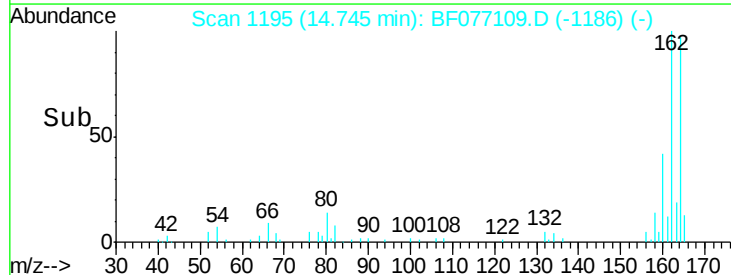
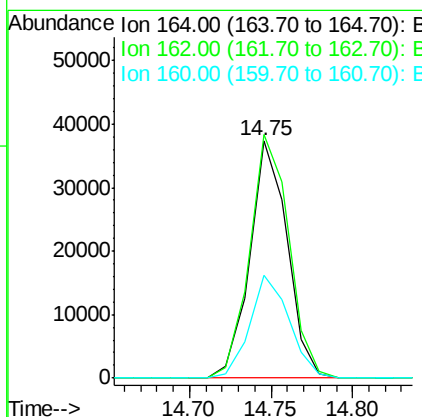
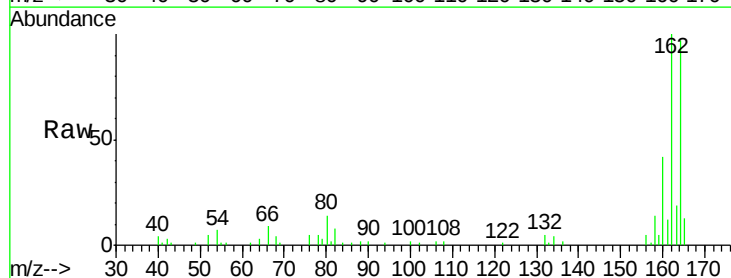
Instrument :
 BNA_F
 ClientSampleId :

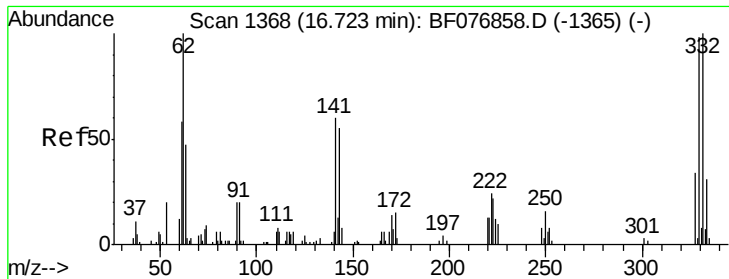
Tot Ion: 82 Resp: 6807
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.1 49.7
 54 62.8 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

Tgt Ion: 164 Resp: 59461
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.4 123.6
 160 43.3 34.8 52.2

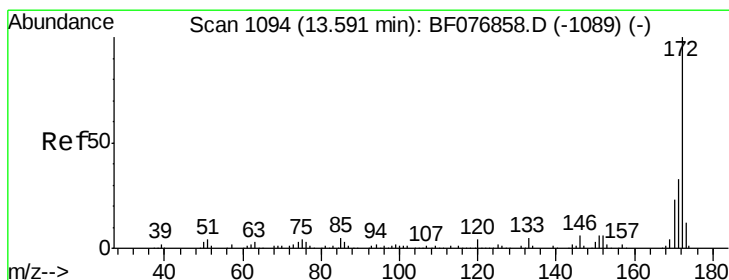
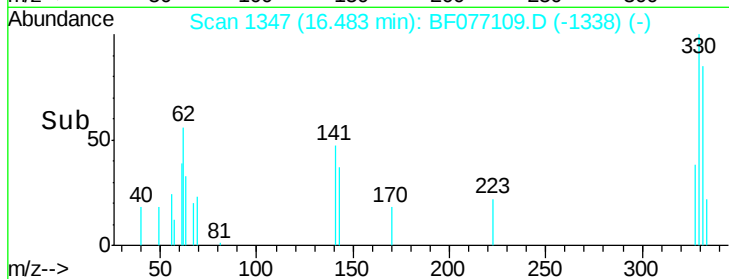
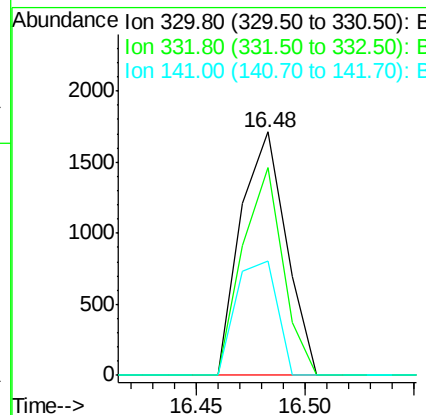
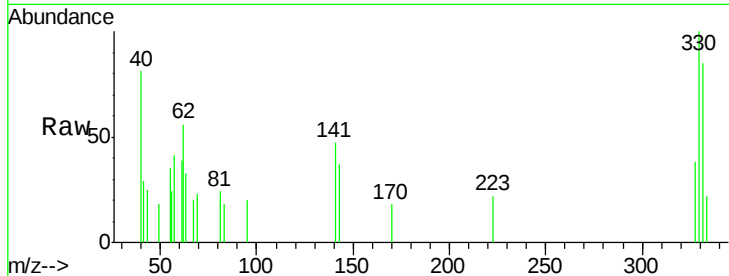




#41
 2,4,6-Tribromophenol
 Concen: 5.15 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

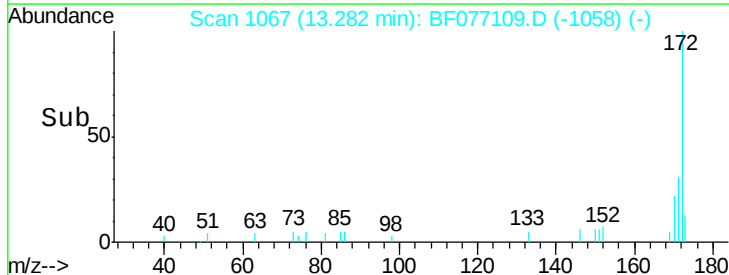
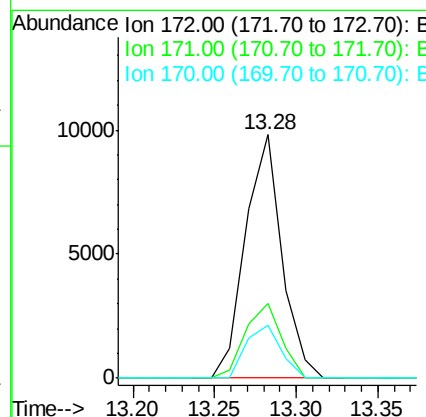
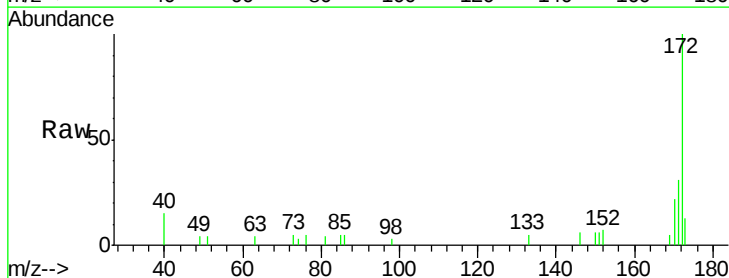
Instrument :
 BNA_F
 ClientSampled :

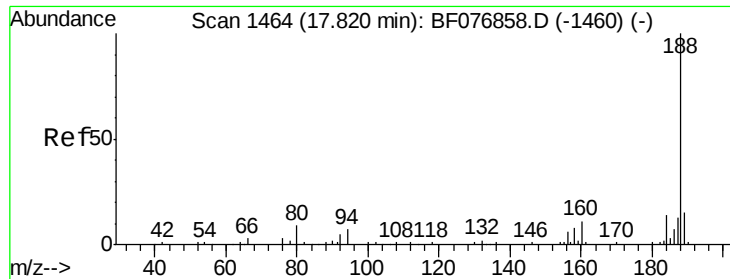
Tot Ion:330 Resp: 2486
 Ion Ratio Lower Upper
 330 100
 332 75.9 77.8 116.6#
 141 42.4 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 3.88 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

Tgt Ion:172 Resp: 15172
 Ion Ratio Lower Upper
 172 100
 171 30.6 26.6 40.0
 170 21.9 18.0 27.0

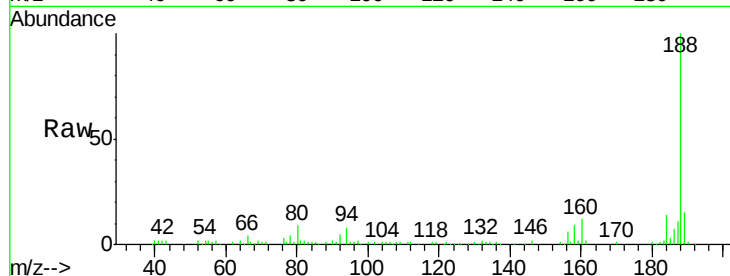




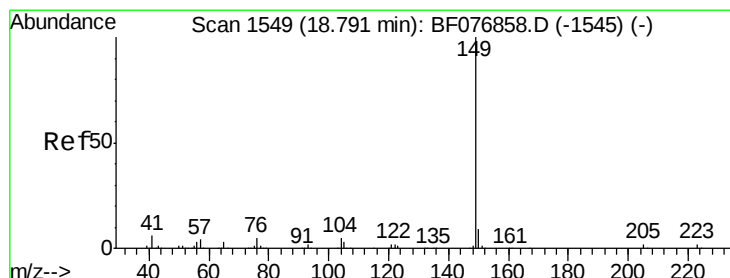
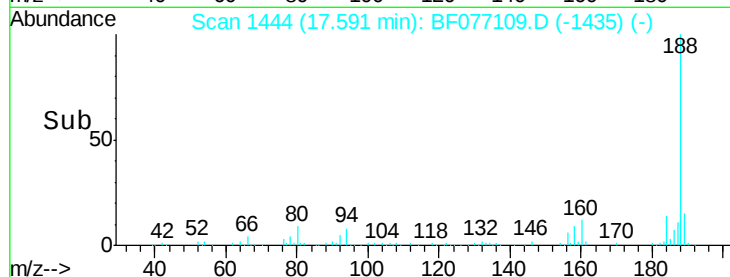
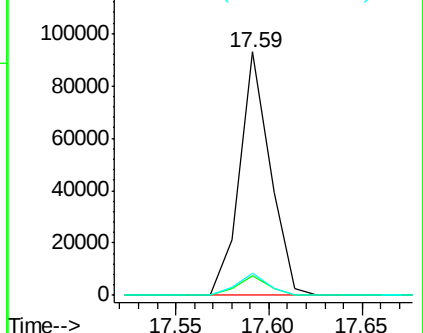
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 107131
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.0 9.0
 80 9.3 6.9 10.3

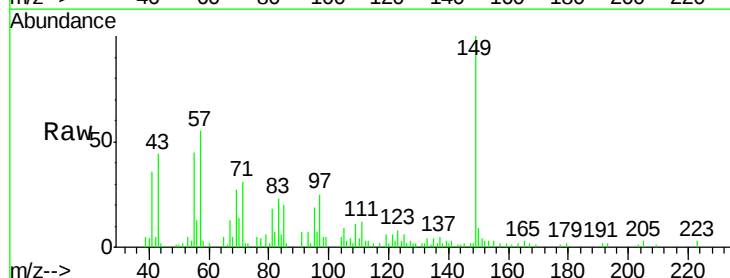


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

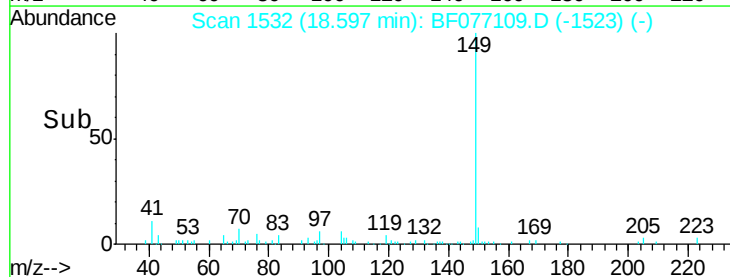
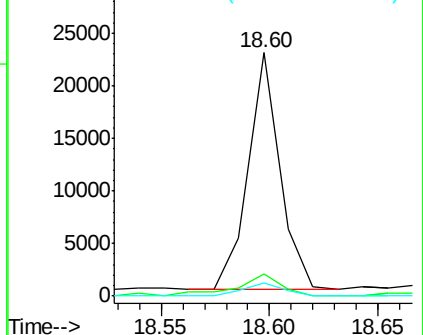


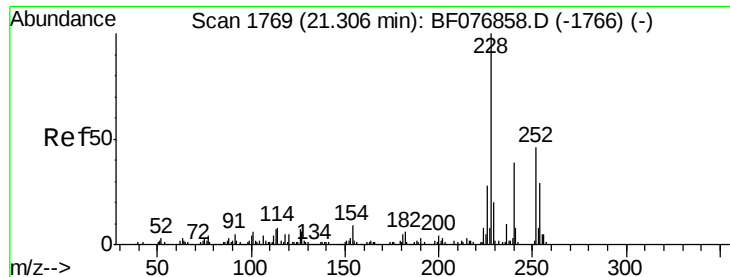
#73
 Di-n-butylphthalate
 Concen: 3.16 ng
 RT: 18.60 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

Tgt Ion:149 Resp: 23080
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.9 10.3
 104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BF077109.D

Acq: 28 Jan 2015 19:13

Instrument :

BNA_F

ClientSampleId :

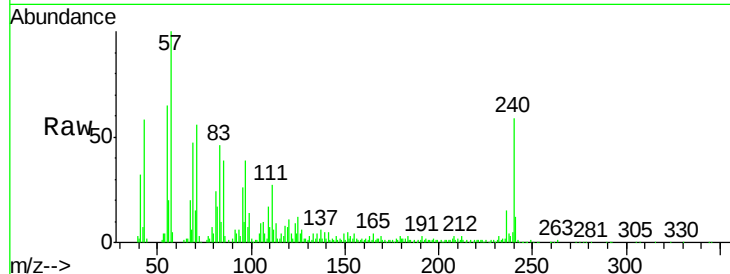
Tot Ion:240 Resp: 92828

Ion Ratio Lower Upper

240 100

120 18.2 10.4 15.6#

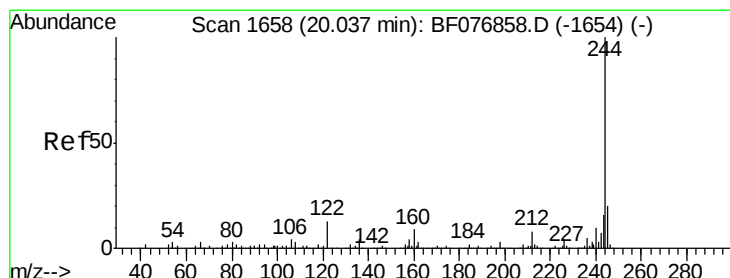
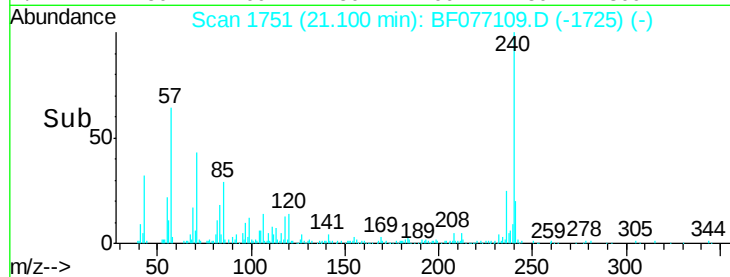
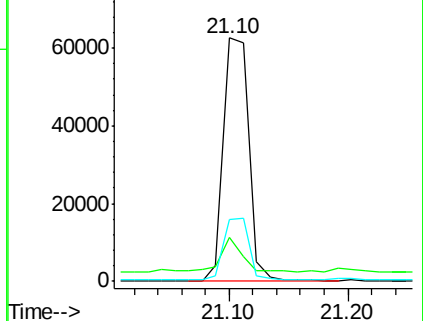
236 25.4 20.2 30.2



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: 3.43 ng

RT: 19.84 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF077109.D

Acq: 28 Jan 2015 19:13

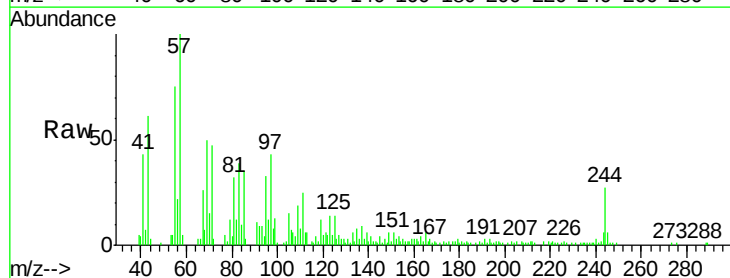
Tgt Ion:244 Resp: 13838

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

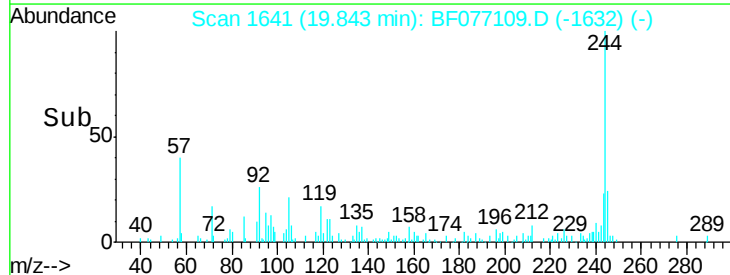
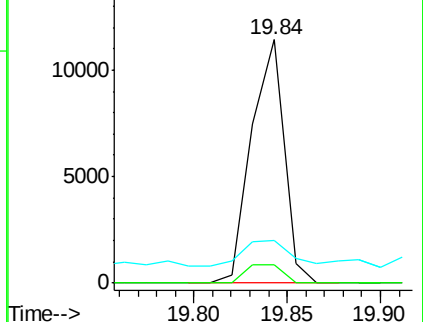
122 17.3 10.1 15.1#

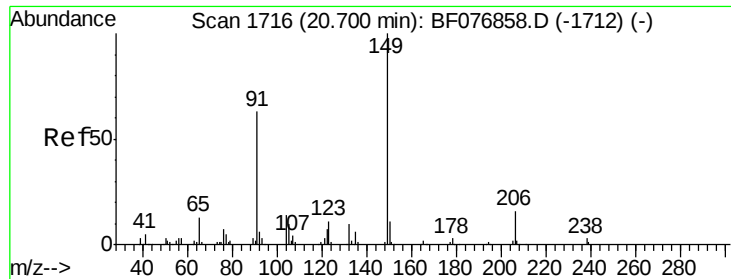


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

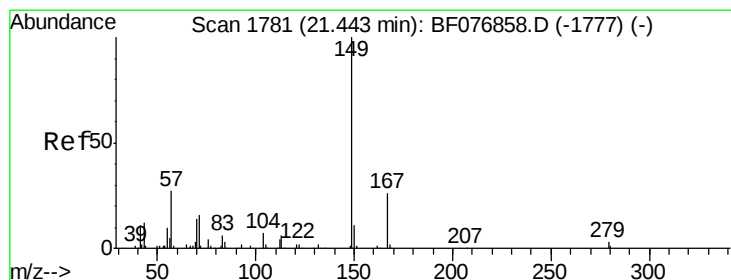
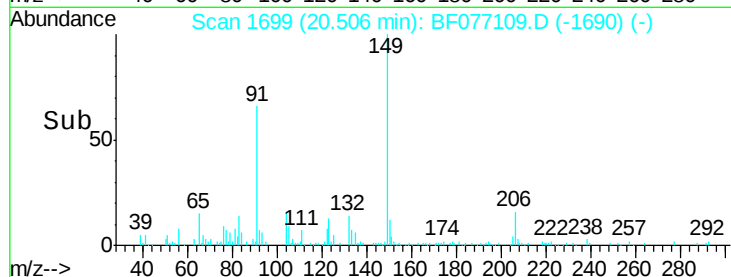
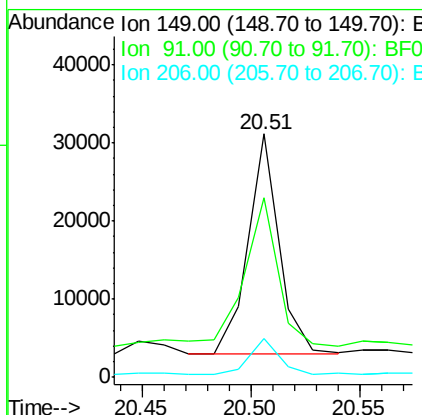
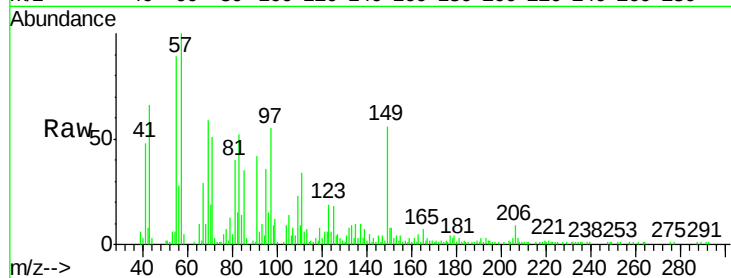




#79
 Butylbenzylphthalate
 Concen: 9.60 ng
 RT: 20.51 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

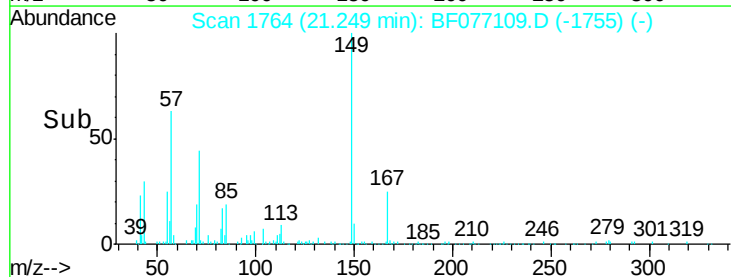
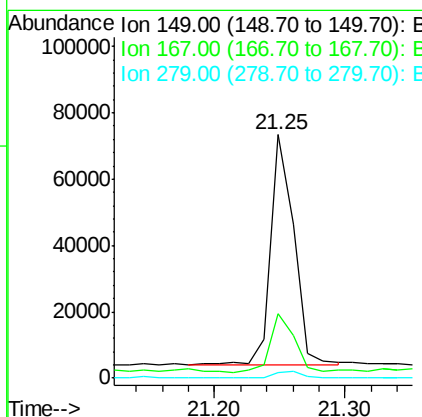
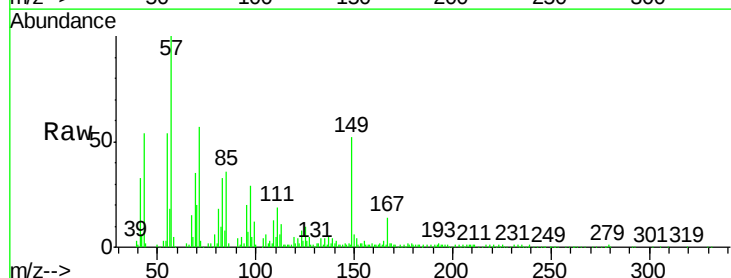
Instrument :
 BNA_F
 ClientSampleId :

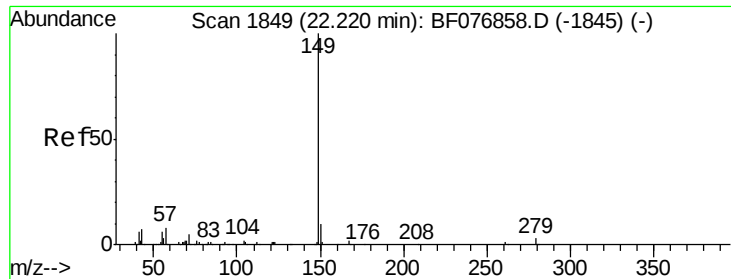
Tot Ion:149 Resp: 27673
 Ion Ratio Lower Upper
 149 100
 91 74.0 50.6 76.0
 206 16.0 12.8 19.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.85 ng
 RT: 21.25 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF077109.D
 Acq: 28 Jan 2015 19:13

Tgt Ion:149 Resp: 87124
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.6 30.8
 279 2.5 2.2 3.2

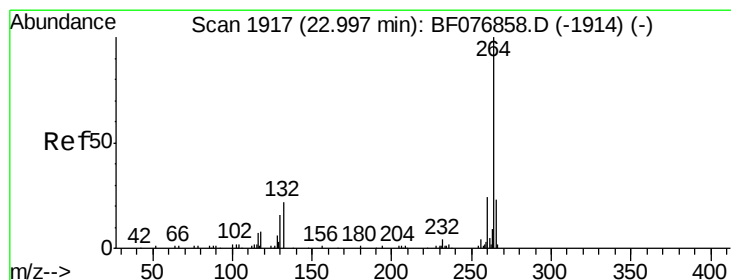
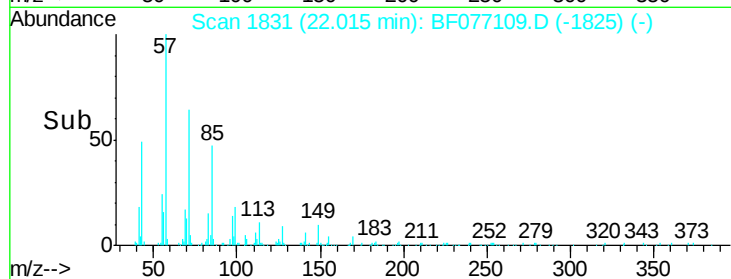
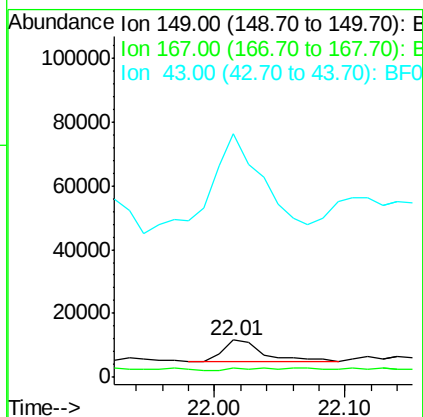
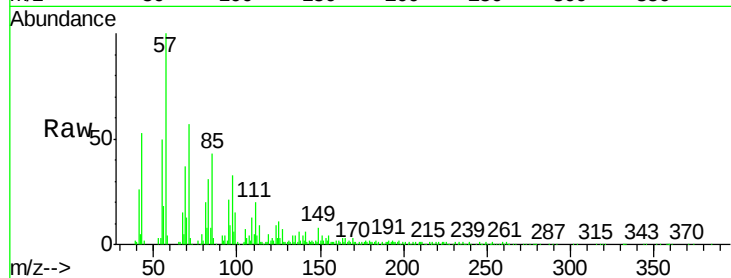




#84
Di-n-octyl phthalate
Concen: 2.02 ng
RT: 22.01 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BF077109.D
Acq: 28 Jan 2015 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 13957
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 461.3 6.6 10.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.75 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BF077109.D
Acq: 28 Jan 2015 19:13

Tgt Ion:264 Resp: 92522
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 22.3 18.1 27.1

