

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076898.D
 Acq On : 16 Jan 2015 1:15
 Operator : IZ / TP
 Sample : G1079-02
 Misc : W
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:55:57 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

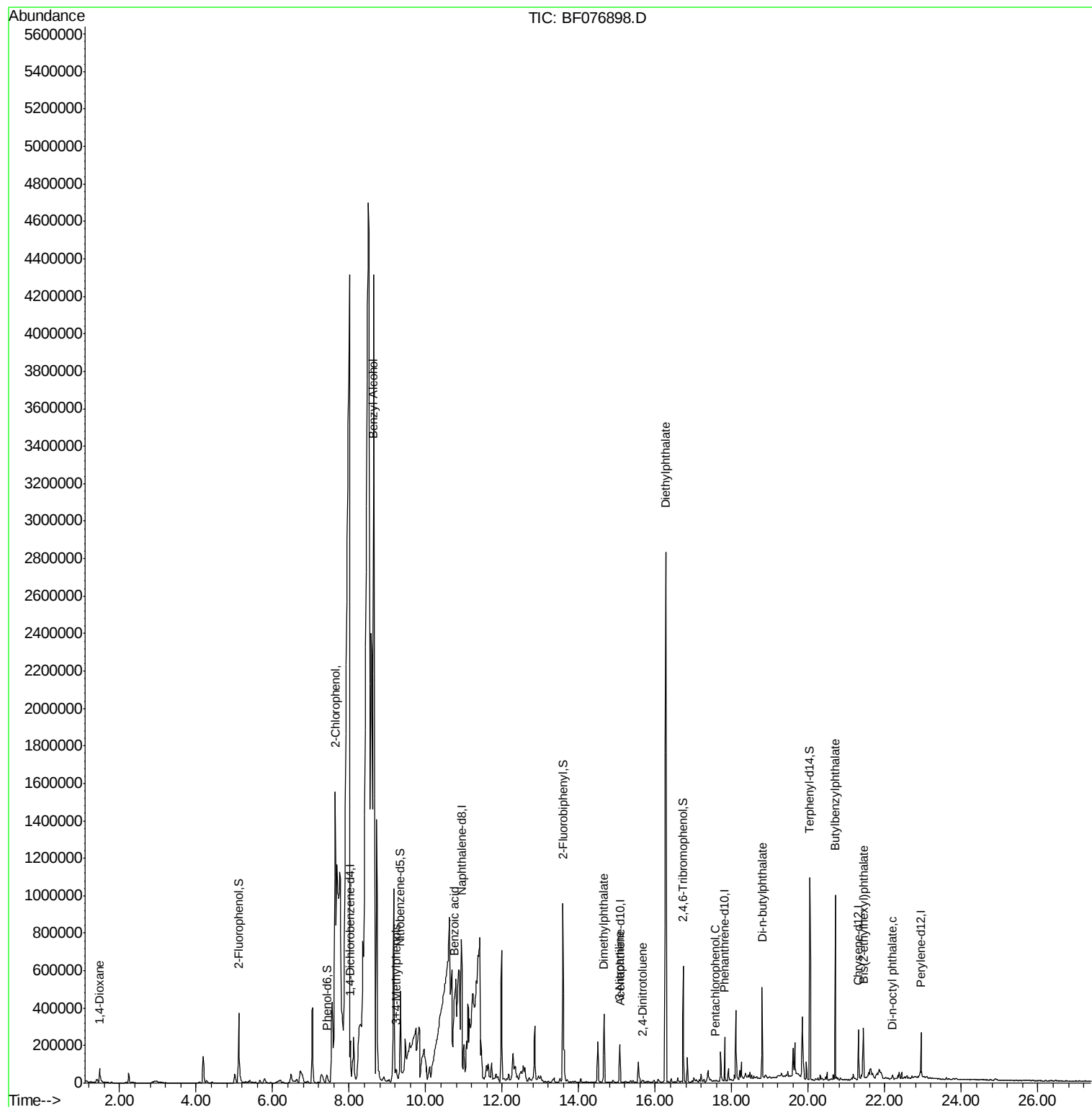
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	32079	20.00	ng	0.01
21) Naphthalene-d8	10.94	136	132053	20.00	ng	0.01
38) Acenaphthene-d10	15.08	164	69649	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	116255	20.00	ng	0.00
75) Chrysene-d12	21.31	240	111533	20.00	ng	0.00
86) Perylene-d12	22.95	264	108804	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	251141	128.72	ng	0.02
7) Phenol-d6	7.42	99	6849	2.78	ng	0.00
23) Nitrobenzene-d5	9.34	82	218795	91.79	ng	0.02
41) 2,4,6-Tribromophenol	16.73	330	81451	144.07	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	434423	94.92	ng	0.00
78) Terphenyl-d14	20.04	244	424470	87.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.48	88	2339	2.80	ng	# 12
8) 2-Chlorophenol	7.64	128	25841	11.49	ng	# 37
9) Benzaldehyde	7.04	77	150513	Below	Cal	94
15) Benzyl Alcohol	8.63	79	1015733	509.99	ng	98
20) 3+4-Methylphenols	9.22	107	27263	11.20	ng	93
32) Benzoic acid	10.75	122	11799	11.34	ng	# 32
49) Dimethylphthalate	14.65	163	276355	55.95	ng	98
52) 3-Nitroaniline	15.07	138	883	2.48	ng	# 1
56) 2,4-Dinitrotoluene	15.67	165	514	2.44	ng	# 10
59) Diethylphthalate	16.28	149	2383710	477.50	ng	97
69) Pentachlorophenol	17.58	266	767	8.14	ng	# 80
73) Di-n-butylphthalate	18.79	149	269581	33.96	ng	99
79) Butylbenzylphthalate	20.70	149	270480	78.13	ng	92
83) Bis(2-ethylhexyl)phthalate	21.44	149	153816	32.11	ng	96
84) Di-n-octyl phthalate	22.20	149	22226	2.67	ng	# 73

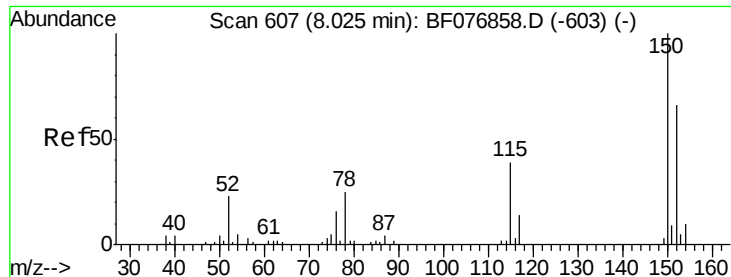
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

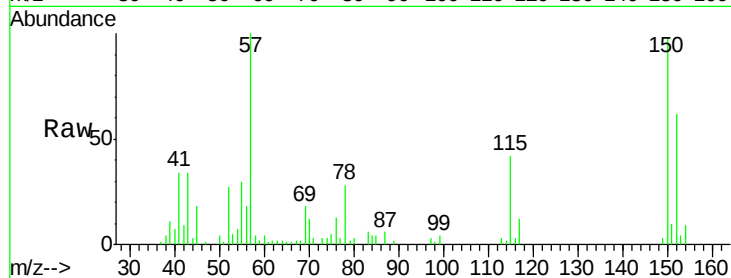
Tot Ion:152 Resp: 32079

Ion Ratio Lower Upper

152 100

150 157.6 121.7 182.5

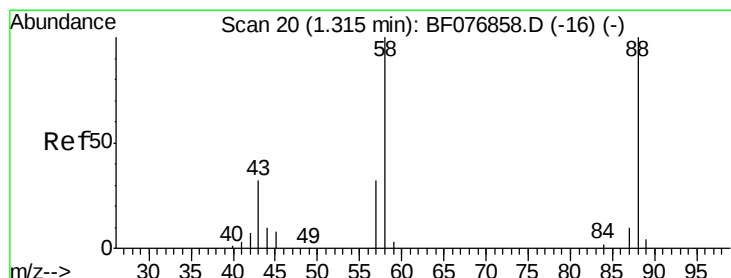
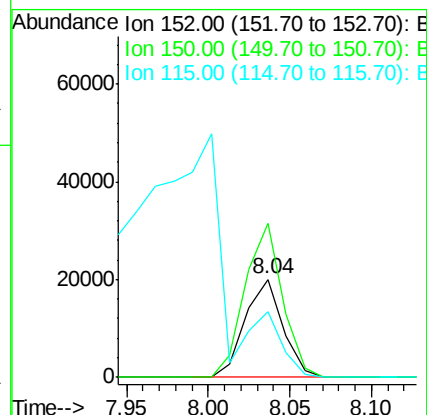
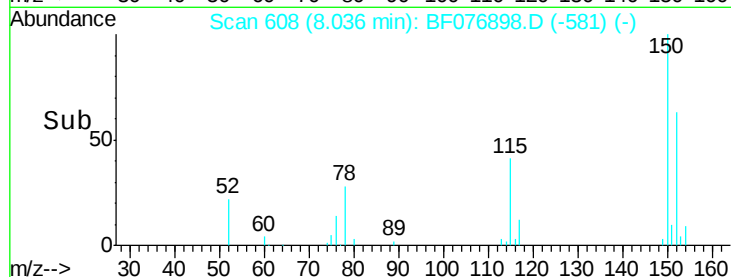
115 67.1 47.0 70.6



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: 2.80 ng

RT: 1.48 min Scan# 34

Delta R.T. 0.16 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

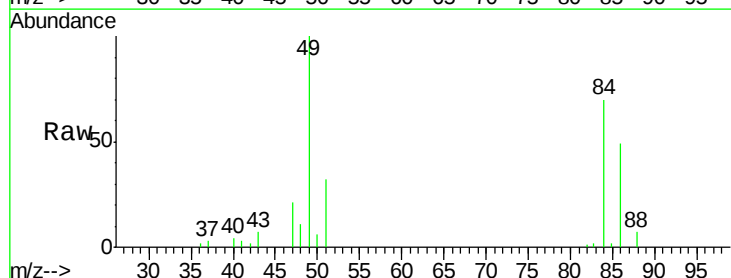
Tgt Ion: 88 Resp: 2339

Ion Ratio Lower Upper

88 100

58 0.0 77.0 115.4#

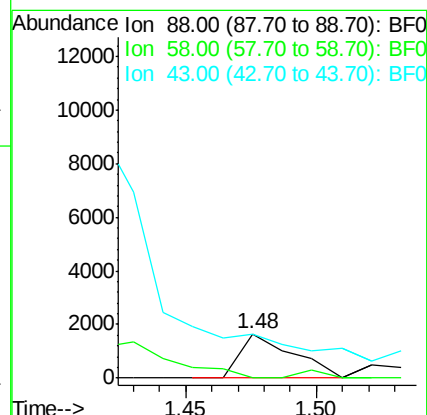
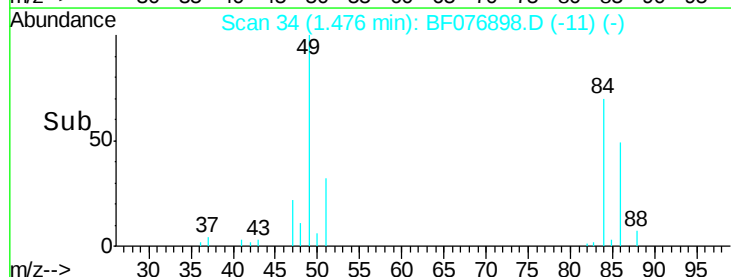
43 0.0 25.6 38.4#

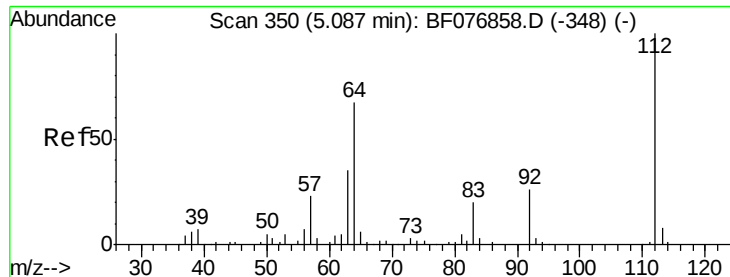


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 128.72 ng

RT: 5.11 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF076898.D

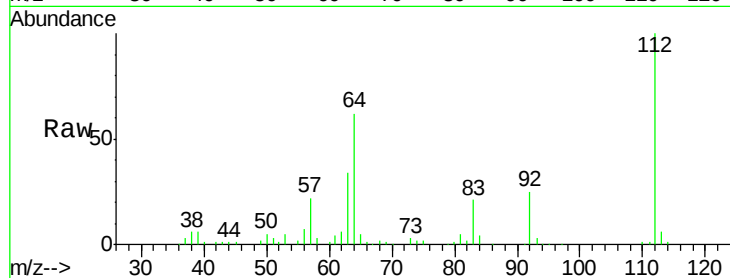
Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

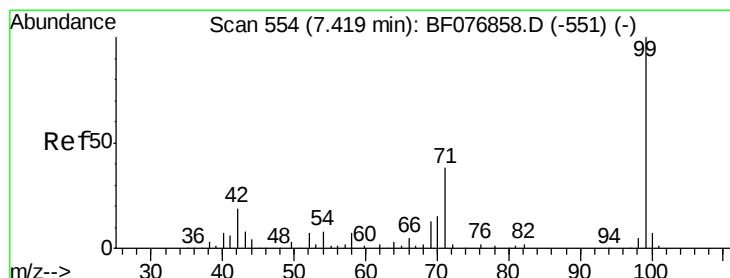
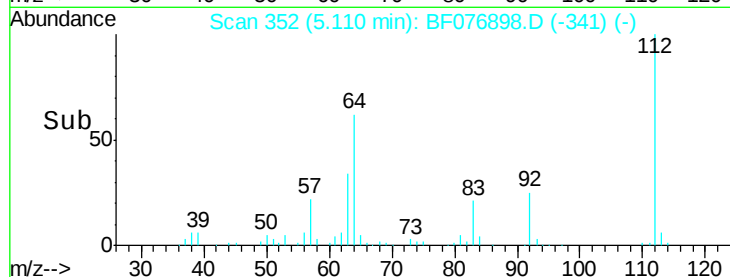
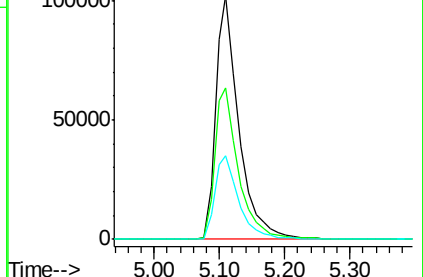
Tot Ion:	112	Resp:	251141
Ion	Ratio	Lower	Upper
112	100		
64	62.4	54.2	81.4
63	34.5	28.4	42.6



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: 2.78 ng

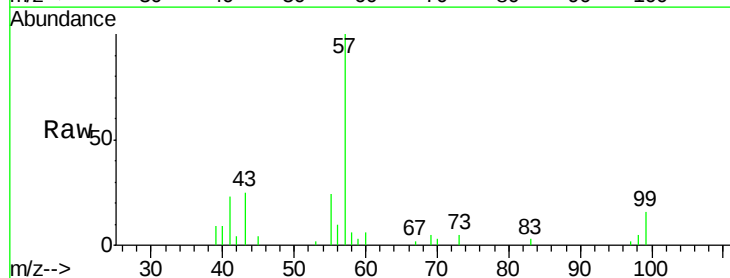
RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

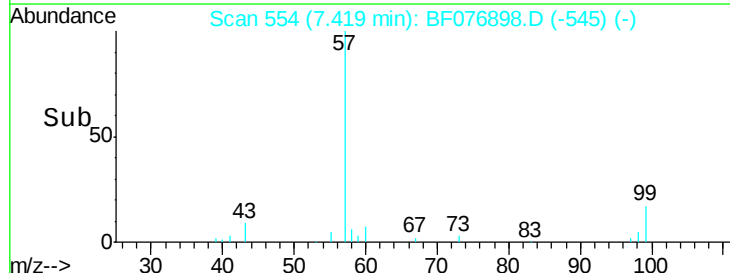
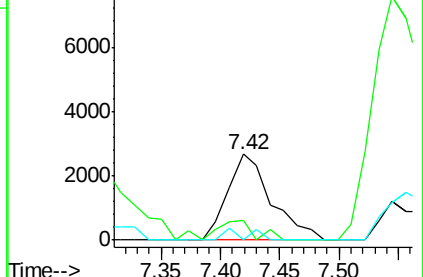
Tgt Ion:	99	Resp:	6849
Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.0	22.4
71	0.0	30.5	45.7#

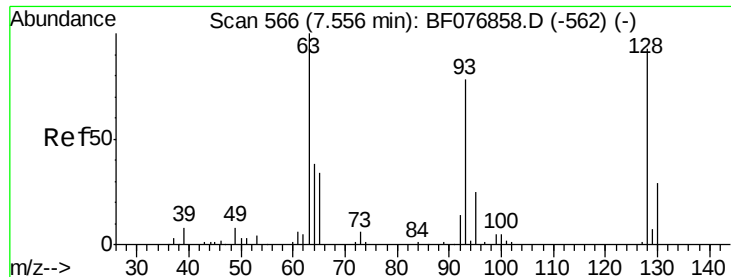


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

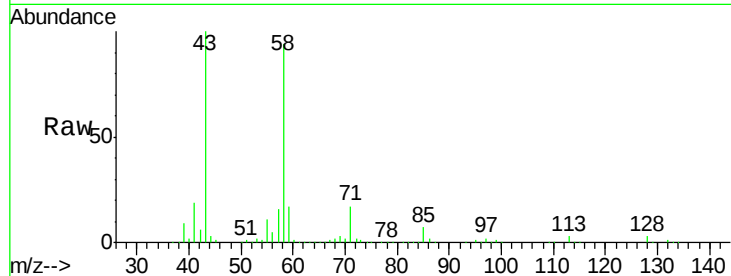




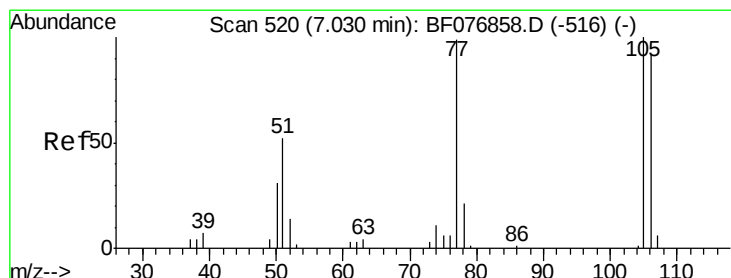
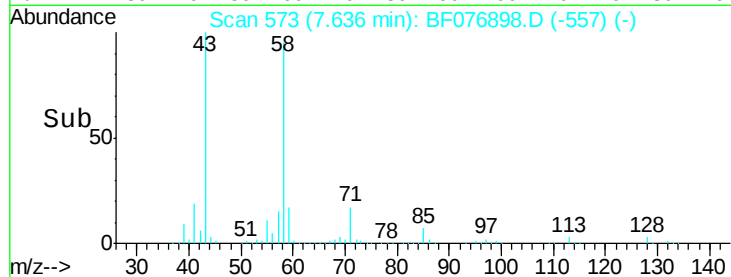
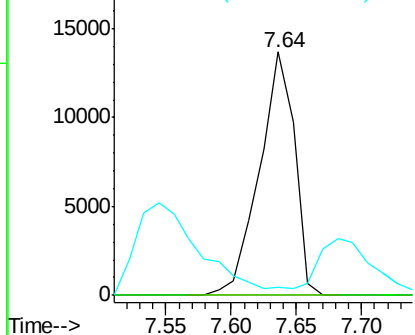
#8
2-Chlorophenol
Concen: 11.49 ng
RT: 7.64 min Scan# 573
Delta R.T. 0.08 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 25841
Ion Ratio Lower Upper
128 100
130 0.0 11.0 51.0#
64 3.1 29.3 69.3#

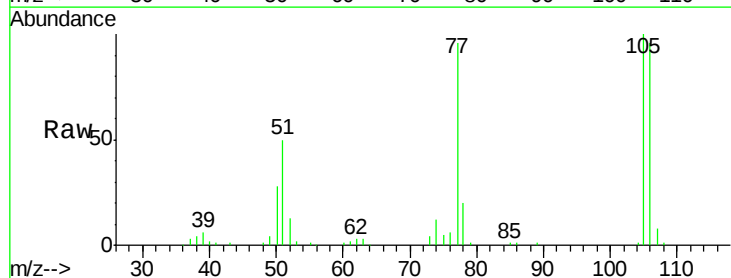


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

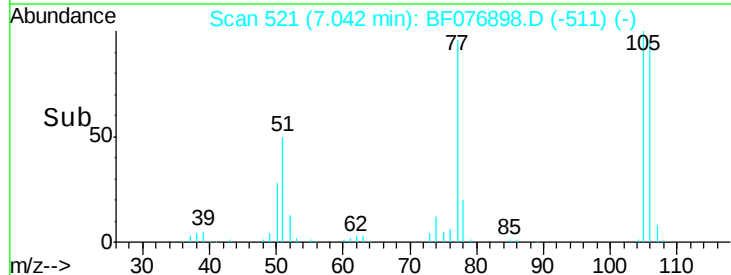
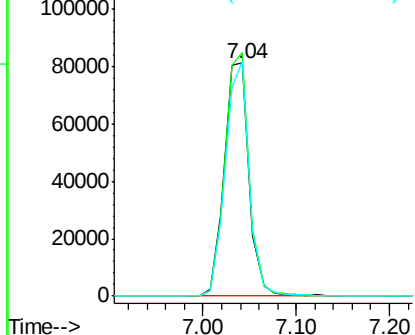


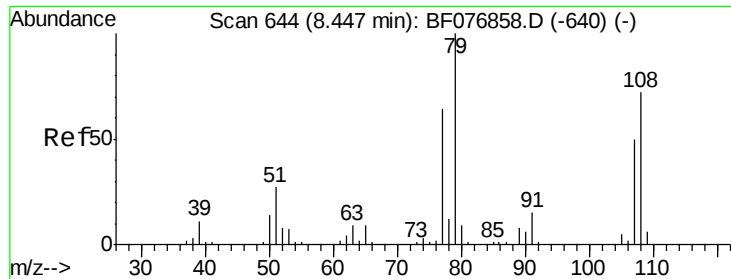
#9
Benzaldehyde
Concen: Below Cal
RT: 7.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion: 77 Resp: 150513
Ion Ratio Lower Upper
77 100
105 104.6 81.4 121.4
106 100.8 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 509.99 ng

RT: 8.63 min Scan# 660

Delta R.T. 0.18 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampled :

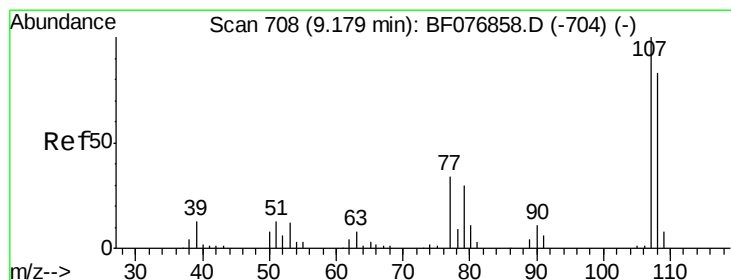
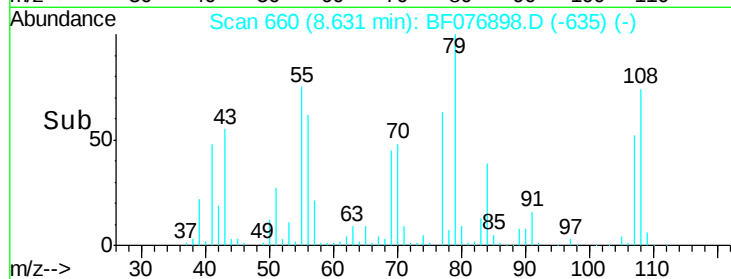
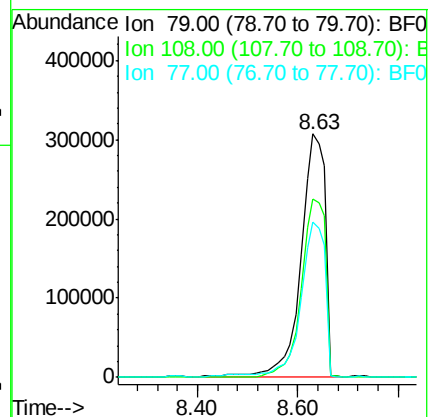
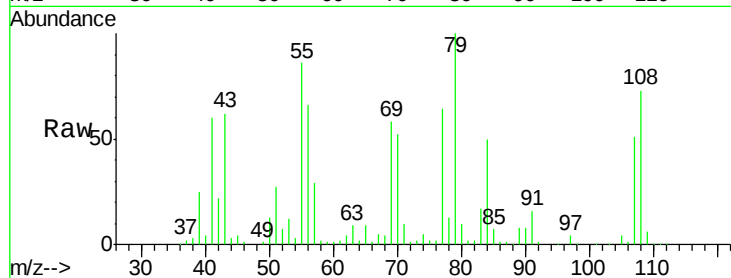
Tot Ion: 79 Resp: 1015733

Ion Ratio Lower Upper

79 100

108 73.5 57.2 85.8

77 63.6 51.2 76.8



#20

3+4-Methylphenols

Concen: 11.20 ng

RT: 9.22 min Scan# 712

Delta R.T. 0.05 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Tgt Ion: 107 Resp: 27263

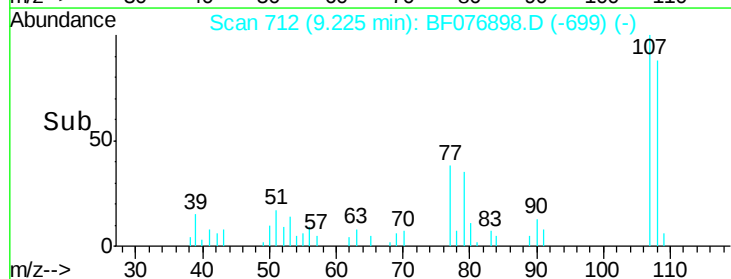
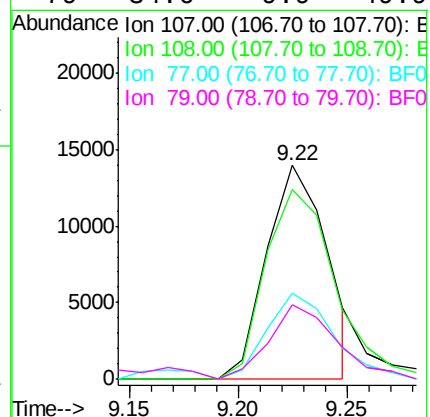
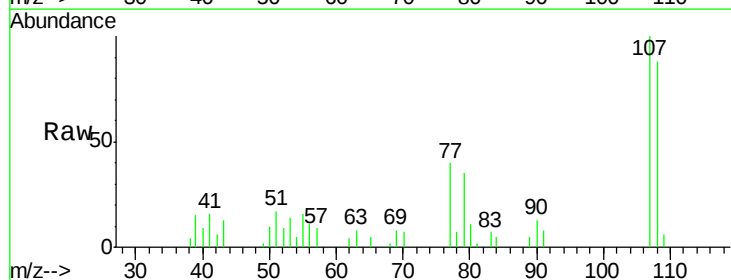
Ion Ratio Lower Upper

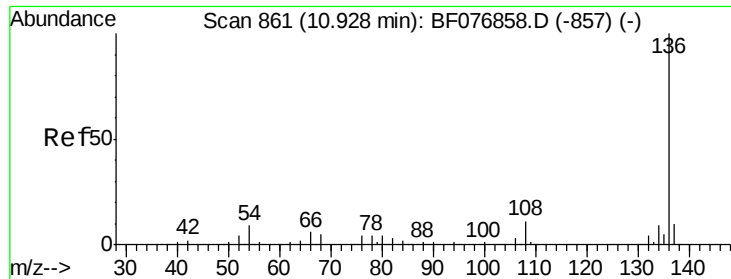
107 100

108 88.5 63.5 103.5

77 40.1 14.0 54.0

79 34.6 9.9 49.9

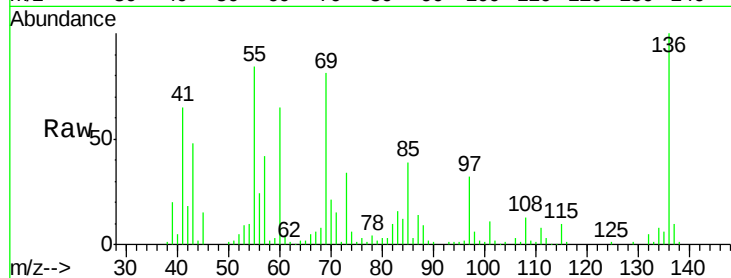




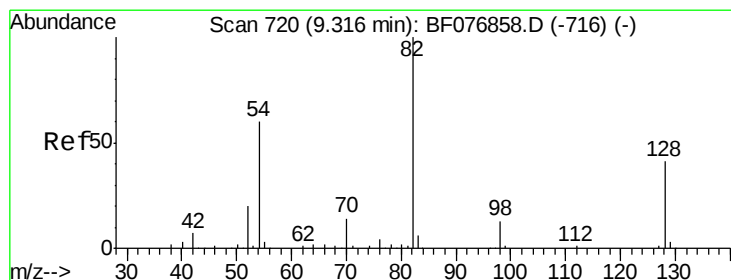
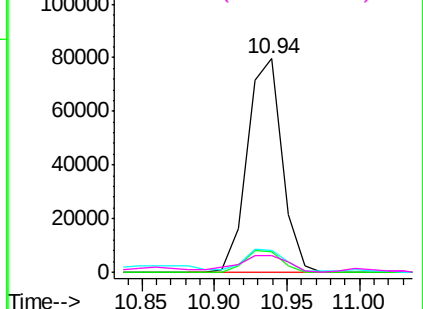
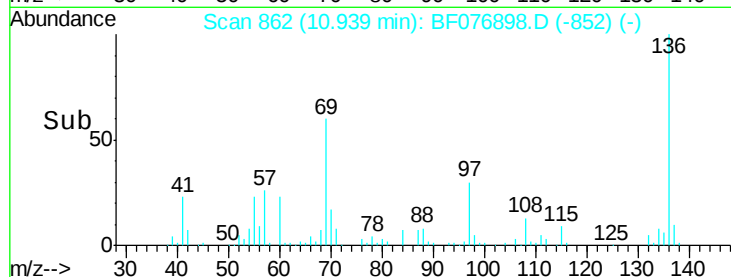
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	132053
Ion Ratio	Lower	Upper
136 100		
137 9.6	8.1	12.1
54 10.0	7.0	10.4
68 8.0	3.7	5.5

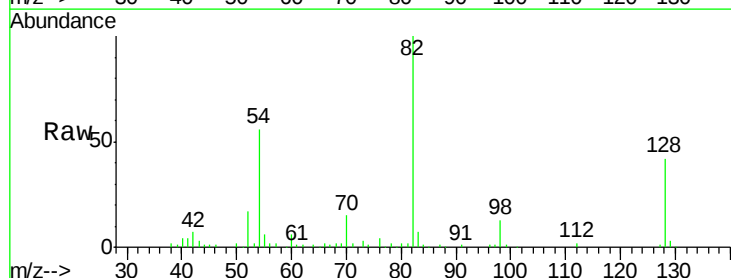


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

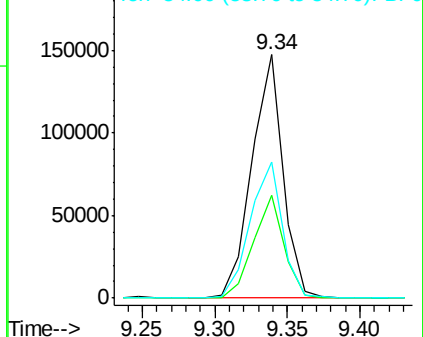
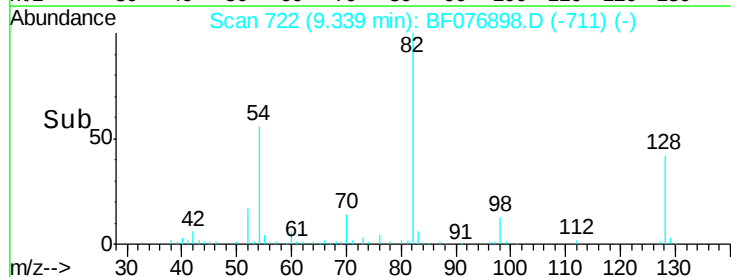


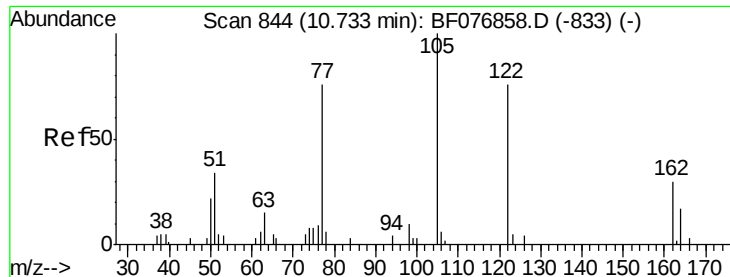
#23
Nitrobenzene-d5
Concen: 91.79 ng
RT: 9.34 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion: 82	Resp:	218795
Ion Ratio	Lower	Upper
82 100		
128 42.1	33.1	49.7
54 56.0	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

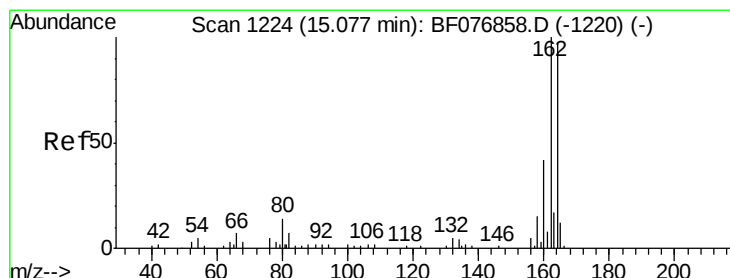
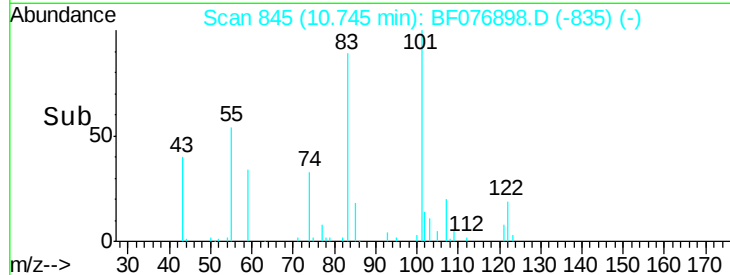
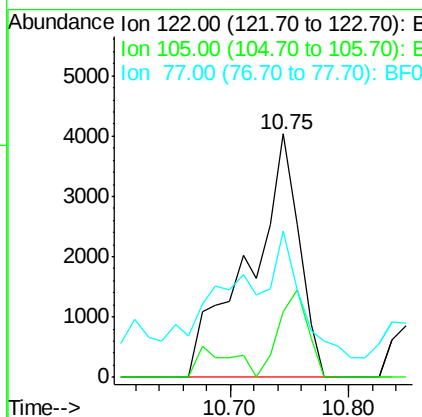
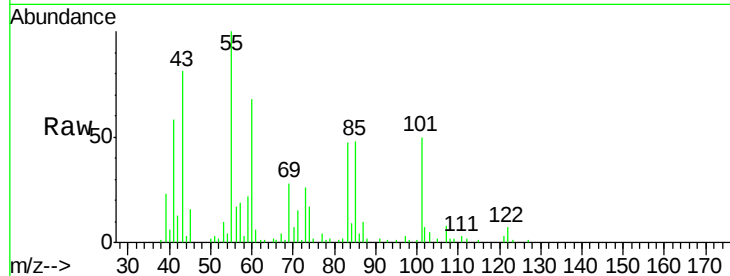




#32
Benzoic acid
Concen: 11.34 ng
RT: 10.75 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

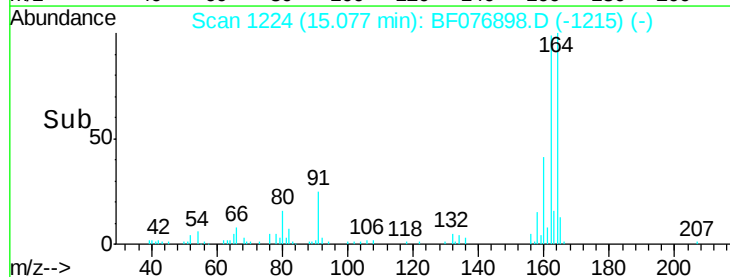
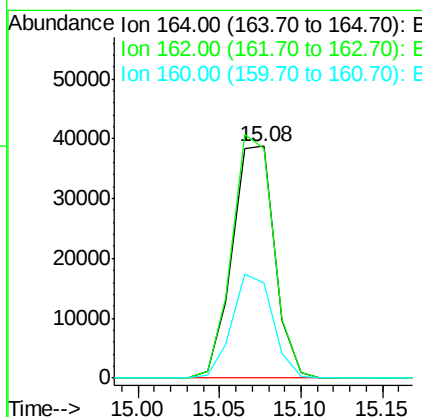
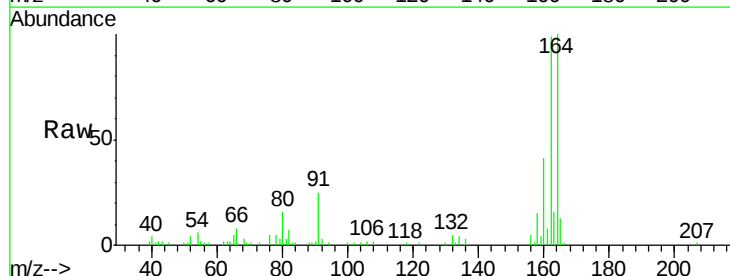
Instrument :
BNA_F
ClientSampleId :

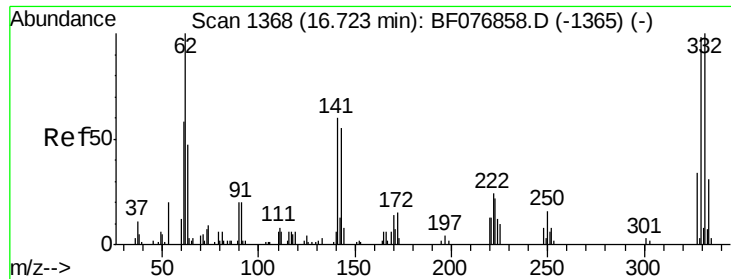
Tot Ion:122 Resp: 11799
Ion Ratio Lower Upper
122 100
105 26.9 111.3 151.3#
77 60.3 79.2 119.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion:164 Resp: 69649
Ion Ratio Lower Upper
164 100
162 98.8 82.4 123.6
160 40.9 34.8 52.2

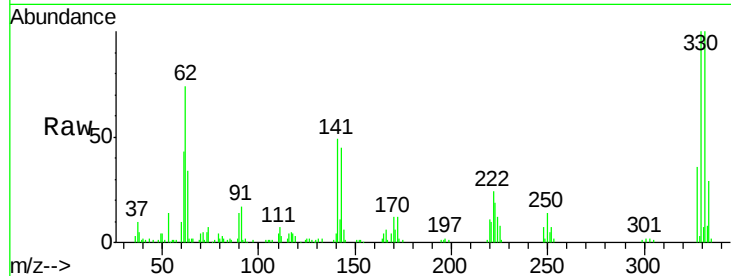




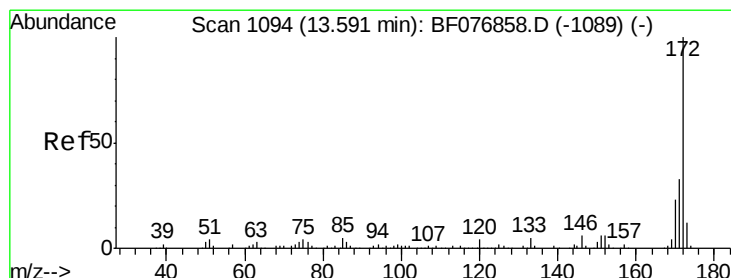
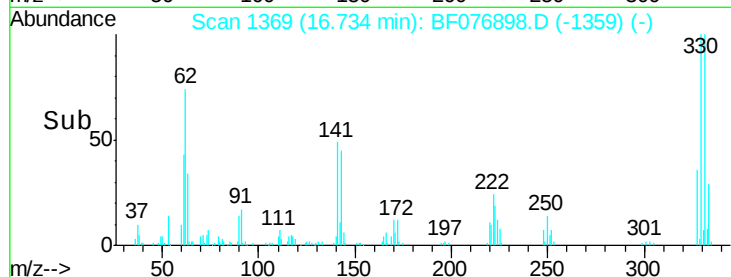
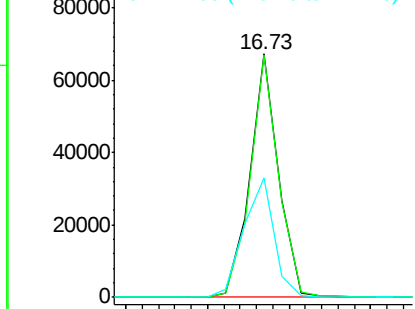
#41
 2,4,6-Tribromophenol
 Concen: 144.07 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF076898.D
 Acq: 16 Jan 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 81451
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.8 116.6
 141 51.9 38.5 57.7

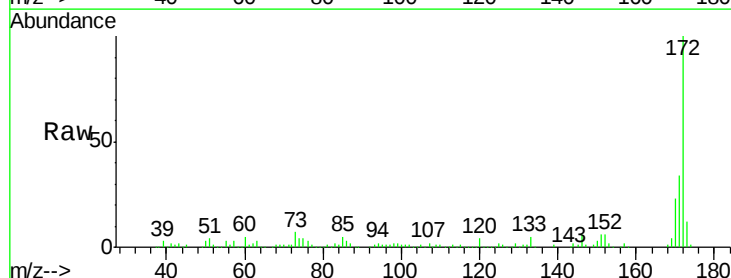


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

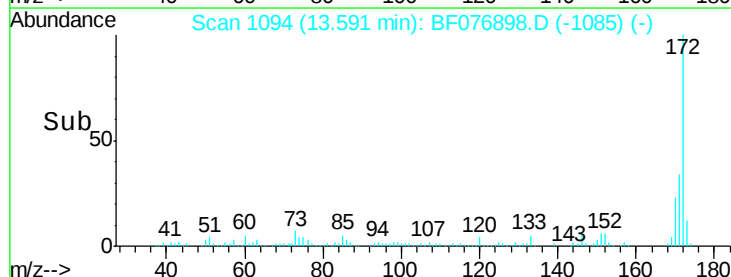
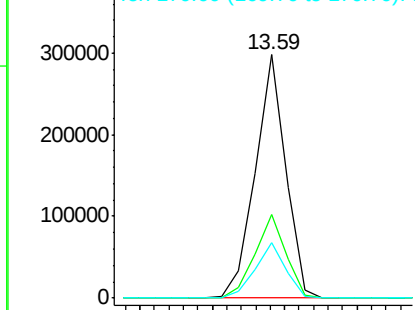


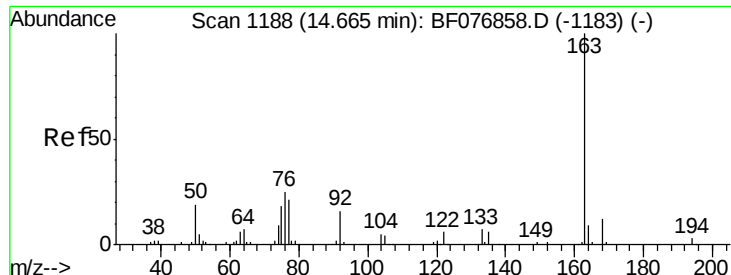
#44
 2-Fluorobiphenyl
 Concen: 94.92 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076898.D
 Acq: 16 Jan 2015 1:15

Tgt Ion:172 Resp: 434423
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.6 40.0
 170 23.0 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: 55.95 ng

RT: 14.65 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

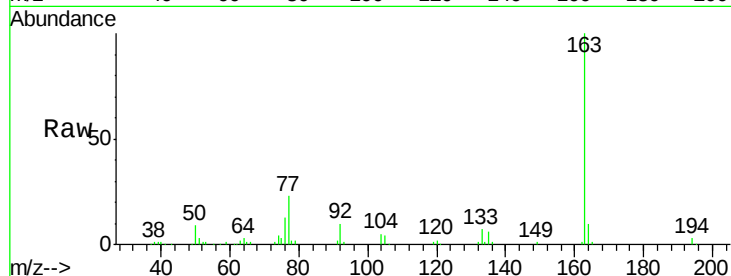
Tot Ion:163 Resp: 276355

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

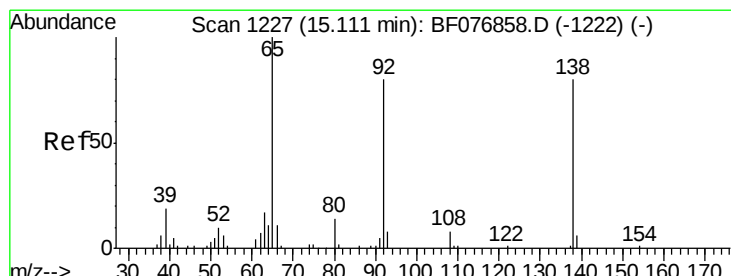
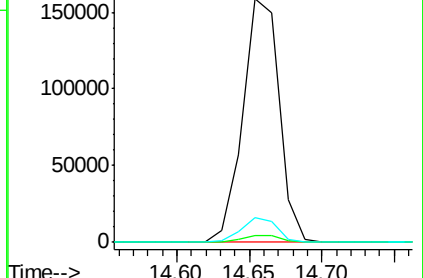
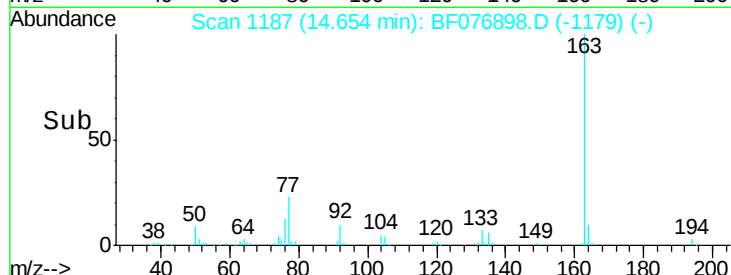
164 10.1 7.5 11.3



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



#52

3-Nitroaniline

Concen: 2.48 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.04 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

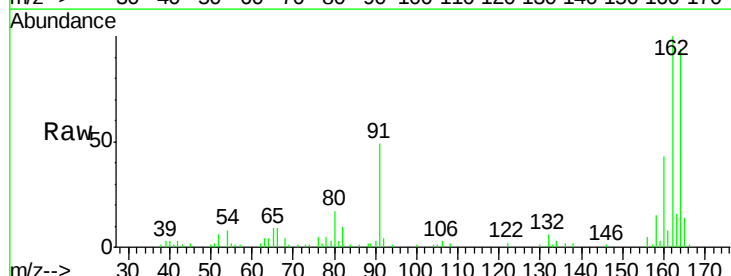
Tgt Ion:138 Resp: 883

Ion Ratio Lower Upper

138 100

108 105.1 8.3 12.5#

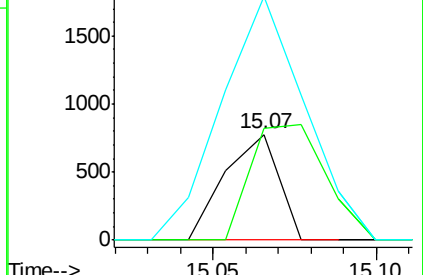
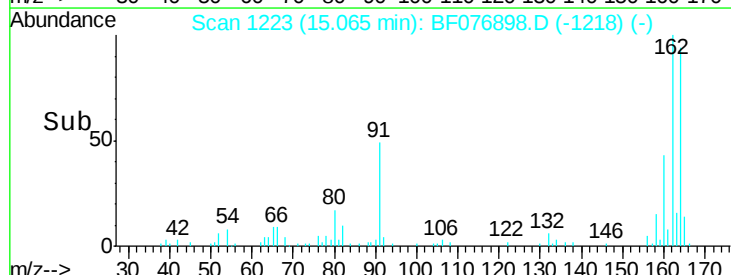
92 229.9 80.9 121.3#

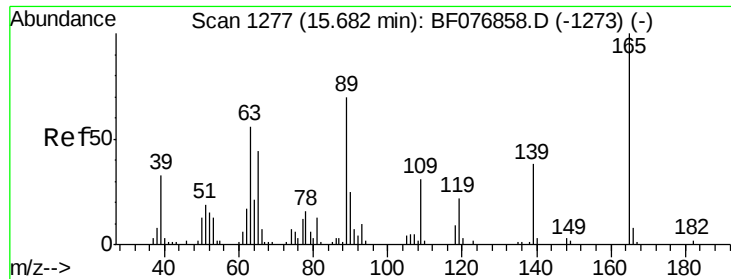


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

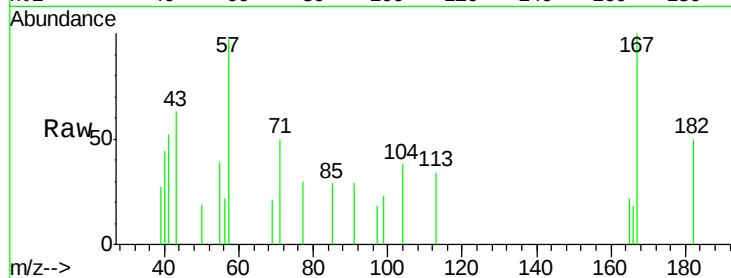




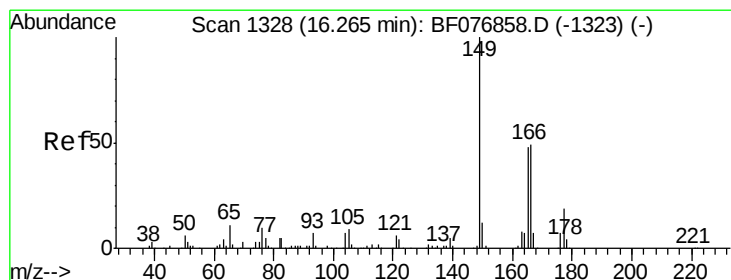
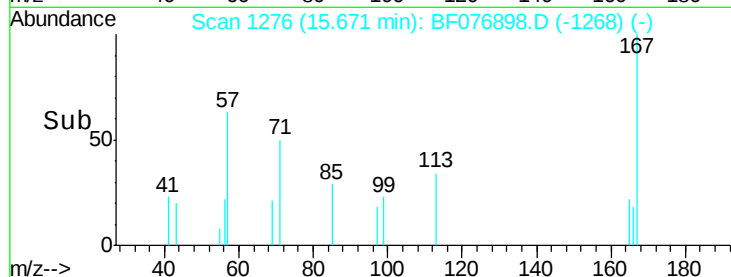
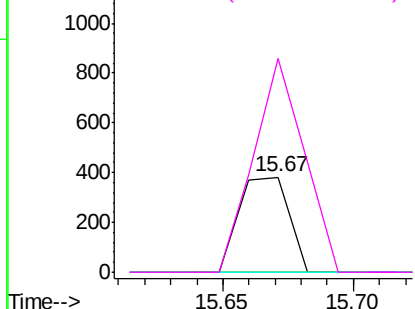
#56
2,4-Dinitrotoluene
Concen: 2.44 ng
RT: 15.67 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 514
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 56.2 84.2#
182 224.6 1.5 2.3#

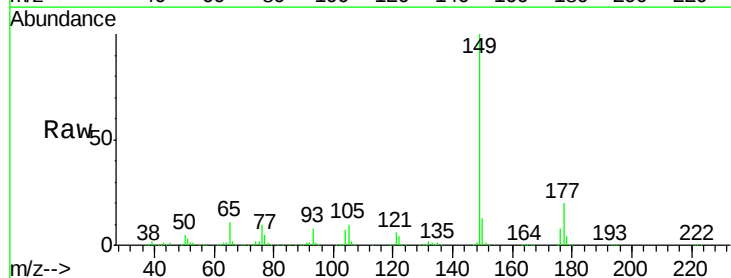


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

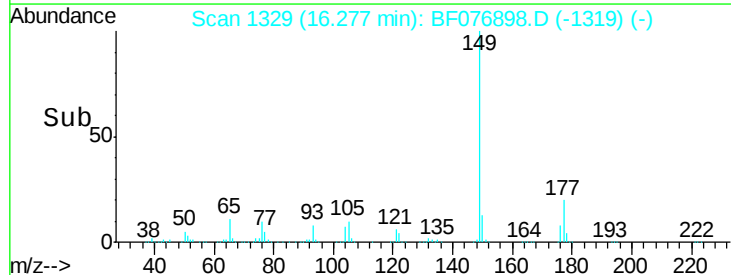
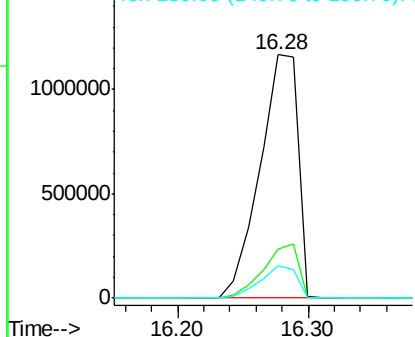


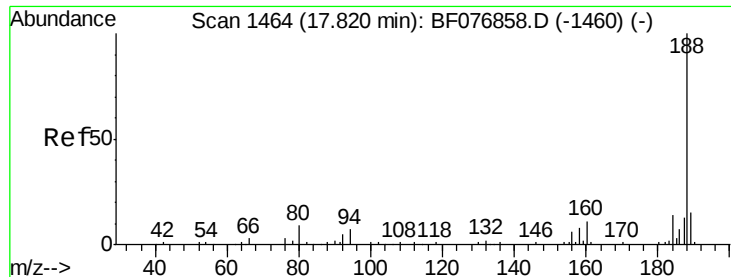
#59
Diethylphthalate
Concen: 477.50 ng
RT: 16.28 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion:149 Resp: 2383710
Ion Ratio Lower Upper
149 100
177 20.1 15.0 22.6
150 13.1 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

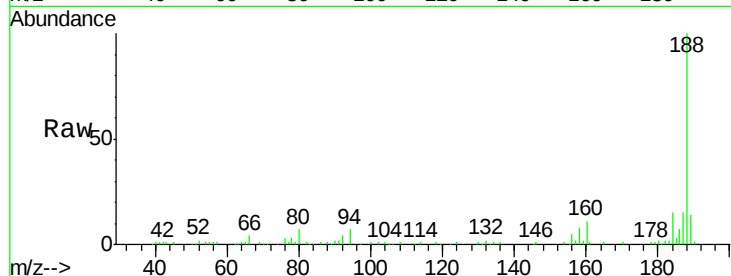
Tot Ion:188 Resp: 116255

Ion Ratio Lower Upper

188 100

94 6.6 6.0 9.0

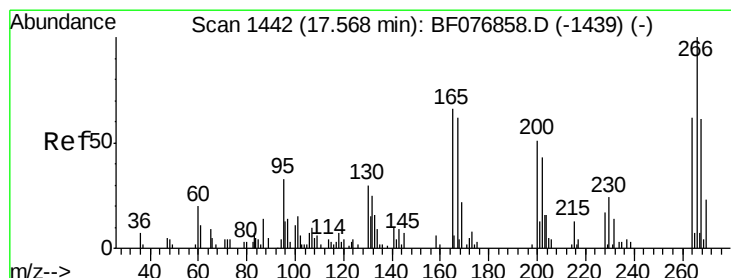
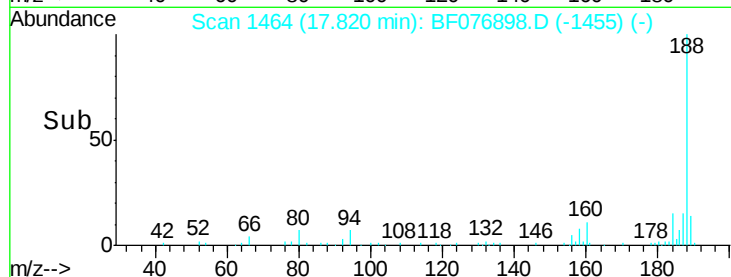
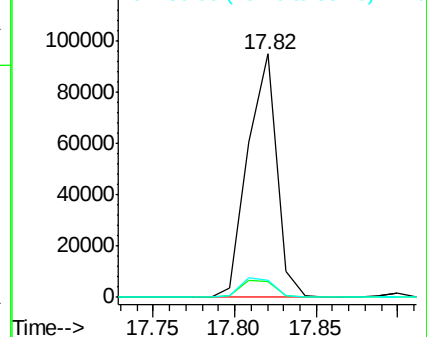
80 7.1 6.9 10.3



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



#69

Pentachlorophenol

Concen: 8.14 ng

RT: 17.58 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

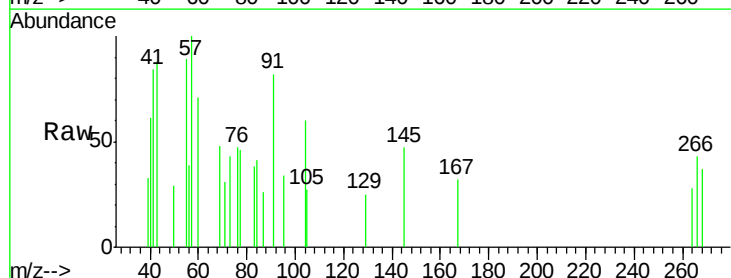
Tgt Ion:266 Resp: 767

Ion Ratio Lower Upper

266 100

268 86.7 48.6 72.8#

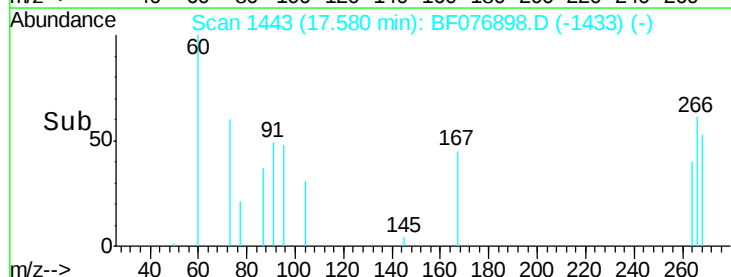
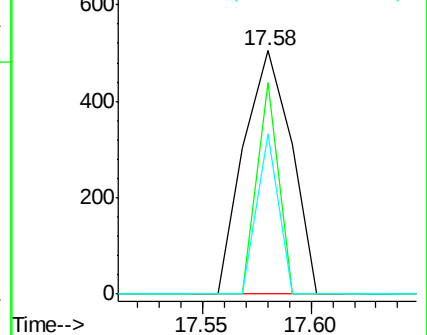
264 65.9 49.5 74.3

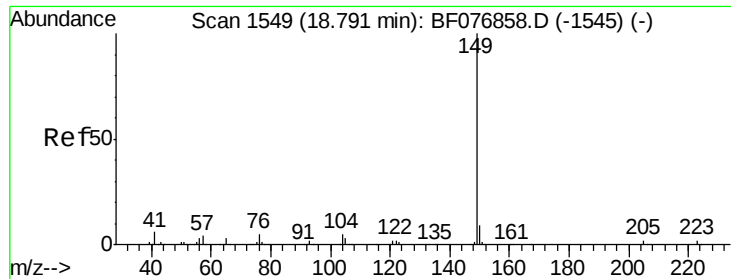


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

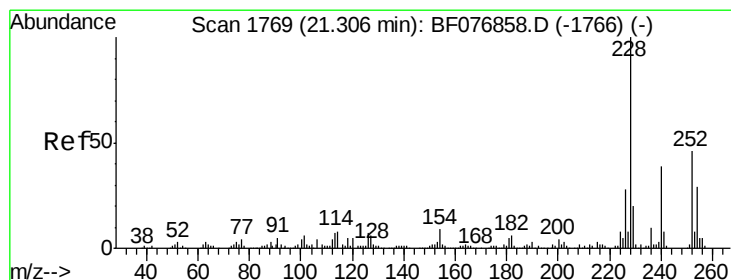
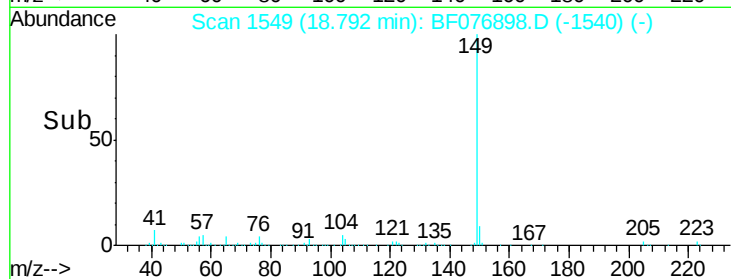
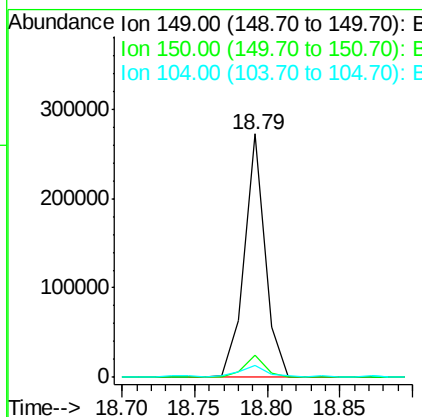
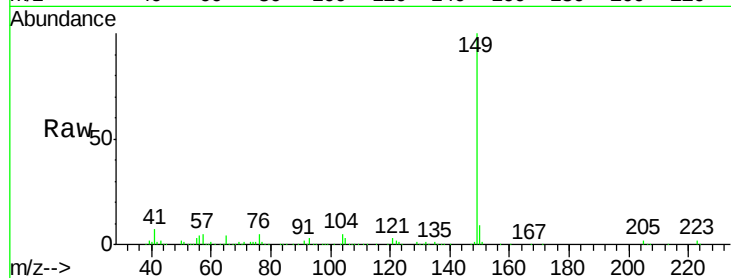




#73
Di-n-butylphthalate
Concen: 33.96 ng
RT: 18.79 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

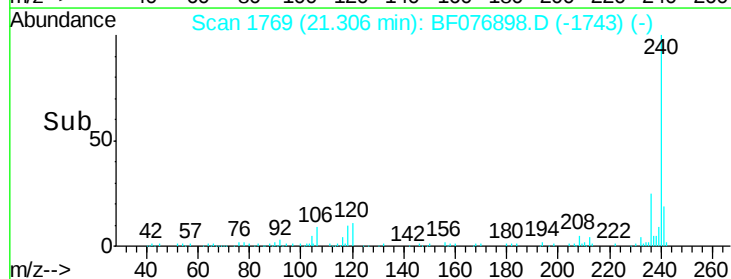
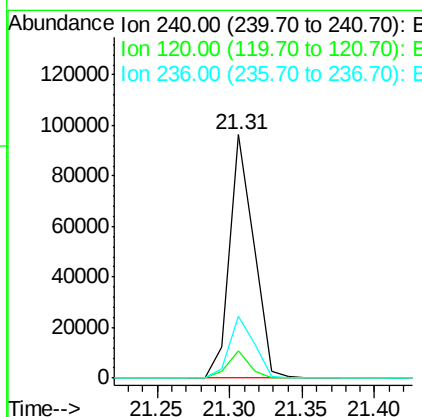
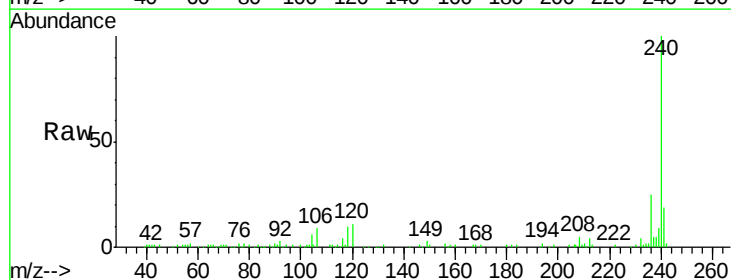
Instrument :
BNA_F
ClientSampleId :

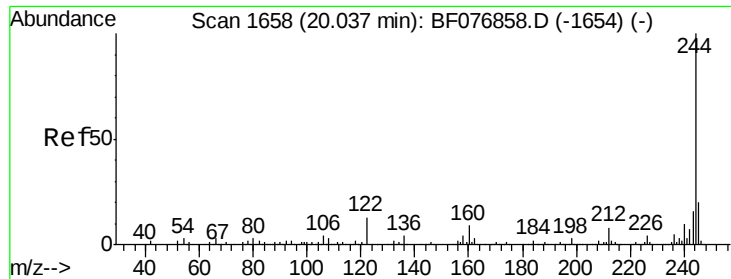
Tot Ion:149 Resp: 269581
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 5.0 3.7 5.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion:240 Resp: 111533
Ion Ratio Lower Upper
240 100
120 11.1 10.4 15.6
236 25.4 20.2 30.2





#78

Terphenyl-d14

Concen: 87.62 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

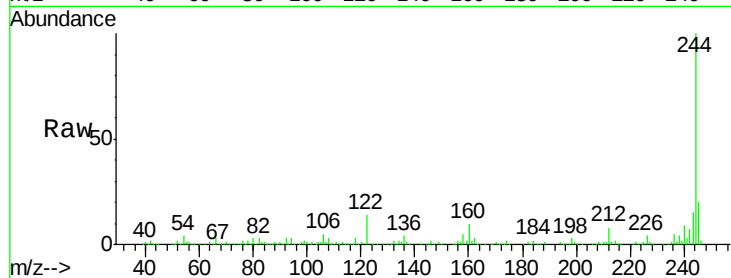
Tot Ion:244 Resp: 424470

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

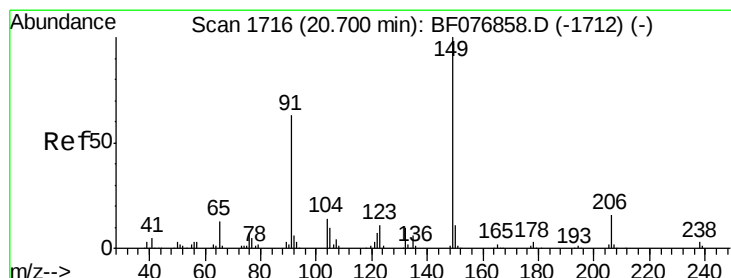
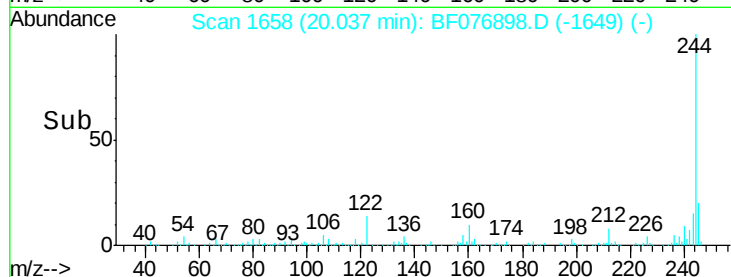
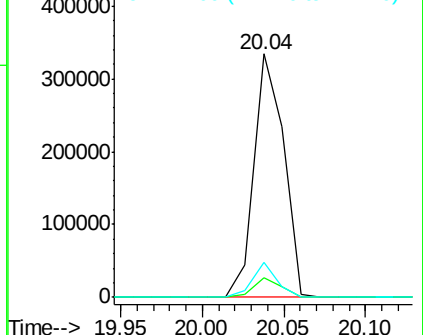
122 14.2 10.1 15.1



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: 78.13 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

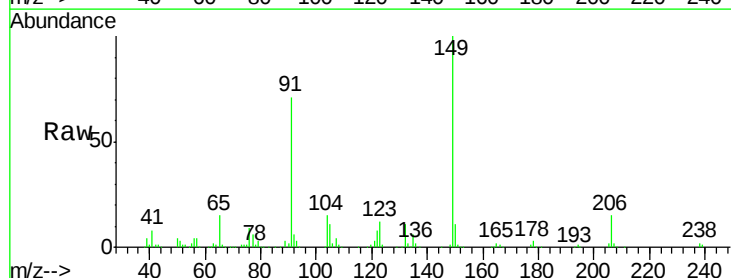
Tgt Ion:149 Resp: 270480

Ion Ratio Lower Upper

149 100

91 70.9 50.6 76.0

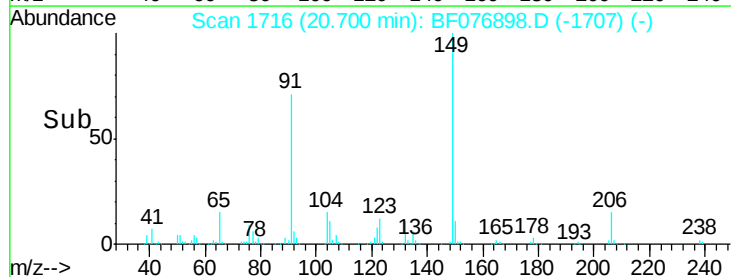
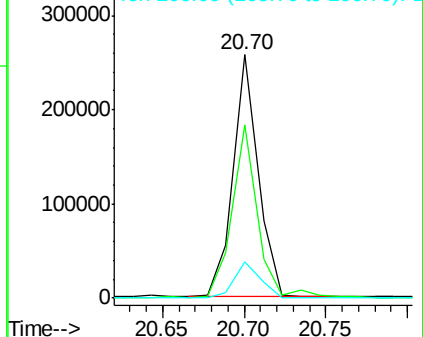
206 15.0 12.8 19.2

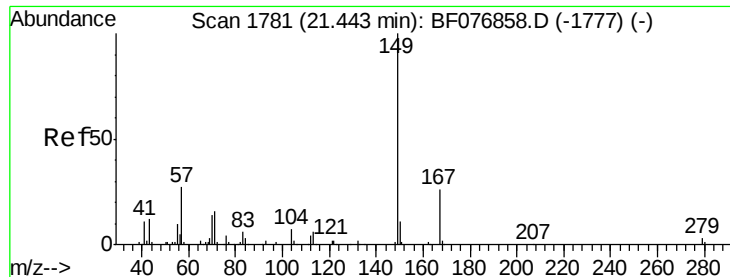


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

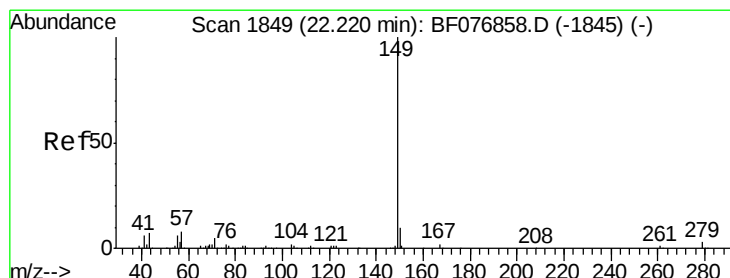
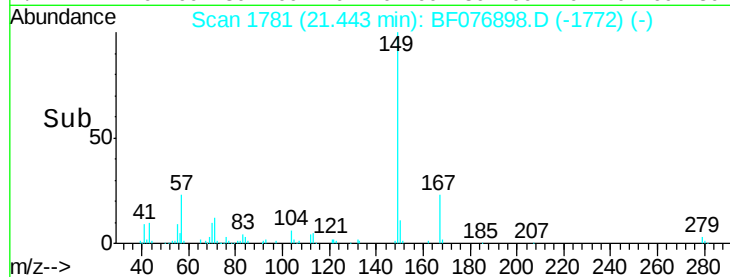
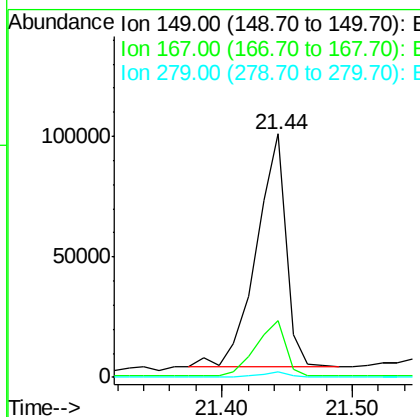
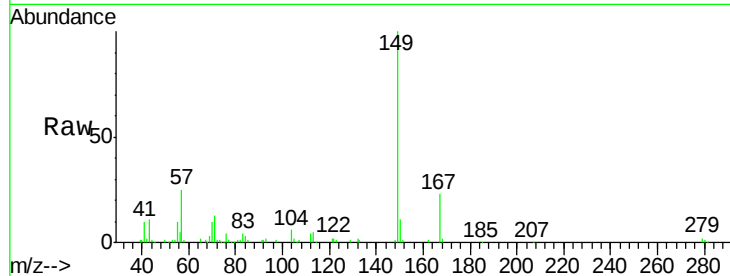




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.11 ng
 RT: 21.44 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF076898.D
 Acq: 16 Jan 2015 1:15

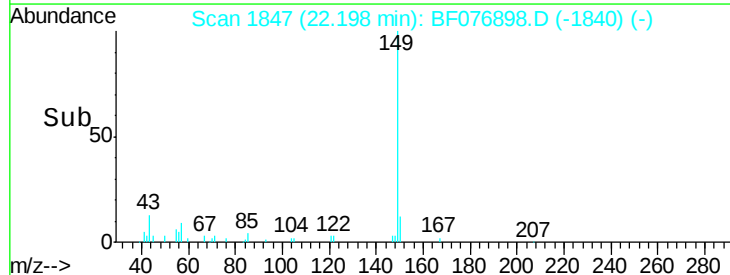
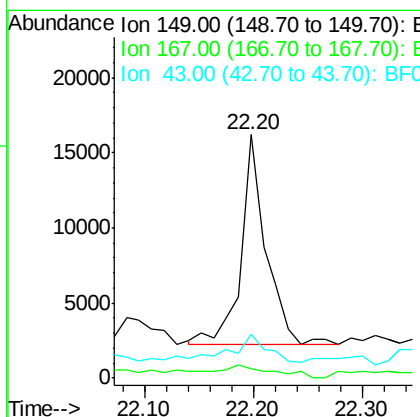
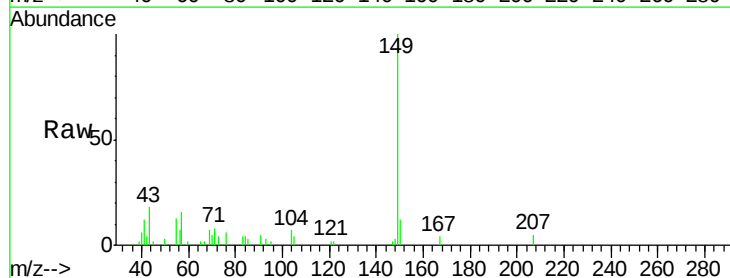
Instrument :
 BNA_F
 ClientSampleId :

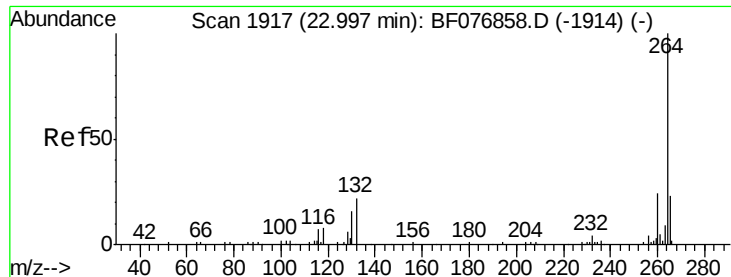
Tot Ion:149 Resp: 153816
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.6 30.8
 279 2.5 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 2.67 ng
 RT: 22.20 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF076898.D
 Acq: 16 Jan 2015 1:15

Tgt Ion:149 Resp: 22226
 Ion Ratio Lower Upper
 149 100
 167 11.7 1.1 1.7#
 43 17.9 6.6 10.0#

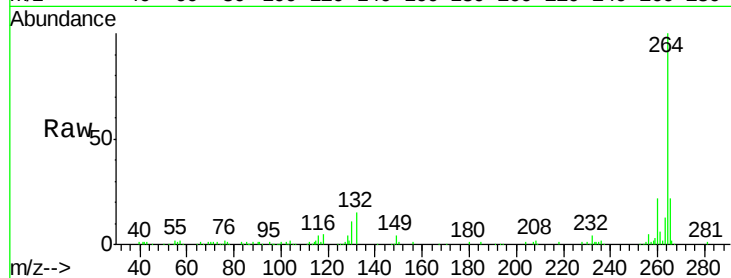




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.95 min Scan# 1913
Delta R.T. -0.05 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	21.7	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

