

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086092.D
 Acq On : 6 Apr 2016 12:15
 Operator : UM/SJ
 Sample : H2028-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1DL

Quant Time: Apr 07 01:00:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

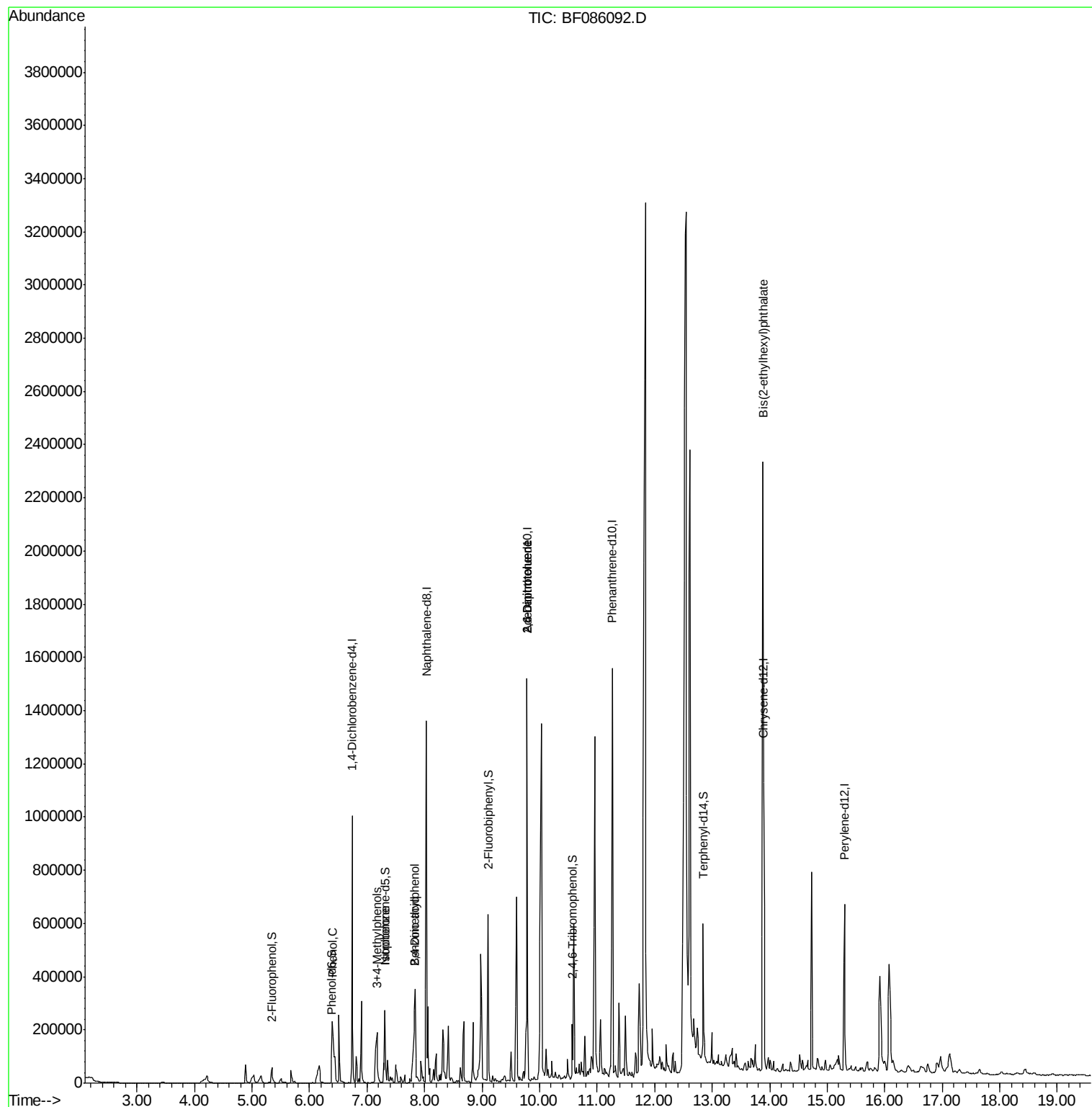
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	149212	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	639607	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	278620	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	537067	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	361533	20.00	ng	-0.03
86) Perylene-d12	15.30	264	293085	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	34658	3.97	ng	-0.02
7) Phenol-d6	6.38	99	33446	3.02	ng	-0.03
23) Nitrobenzene-d5	7.31	82	90716	8.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	20701	7.92	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	178366	10.64	ng	-0.03
78) Terphenyl-d14	12.84	244	138829	9.03	ng	-0.03
Target Compounds						
10) Phenol	6.40	94	104648	8.27	ng	Qvalue 97
20) 3+4-Methylphenols	7.17	107	65049	6.52	ng	# 57
25) Isophorone	7.31	82	86987	4.06	ng	# 68
27) 2,4-Dimethylphenol	7.82	122	55887	5.48	ng	# 5
32) Benzoic acid	7.82	122	56119	7.50	ng	98
50) 2,6-Dinitrotoluene	9.78	165	35404	8.10	ng	# 19
56) 2,4-Dinitrotoluene	9.78	165	35404	6.41	ng	# 37
83) Bis(2-ethylhexyl)phthalate	13.88	149	646918	42.49	ng	# 98

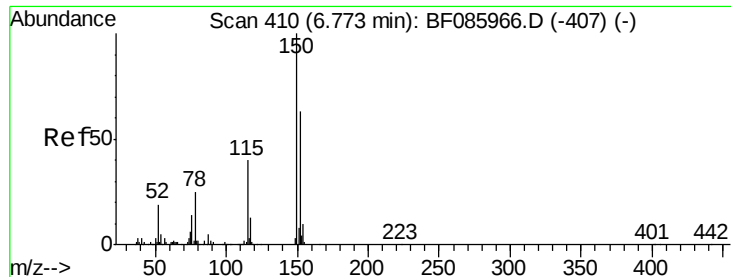
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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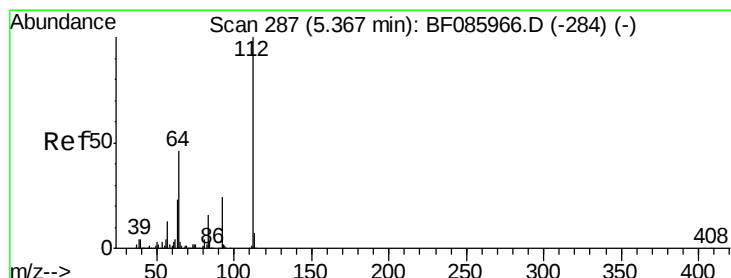
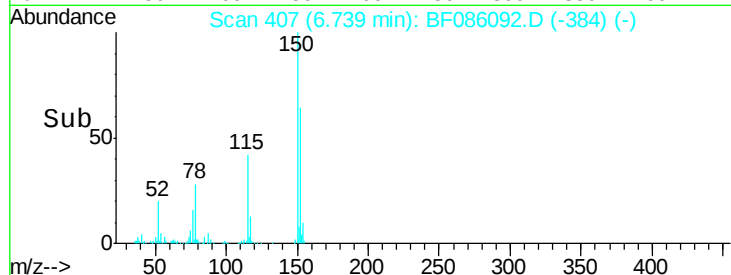
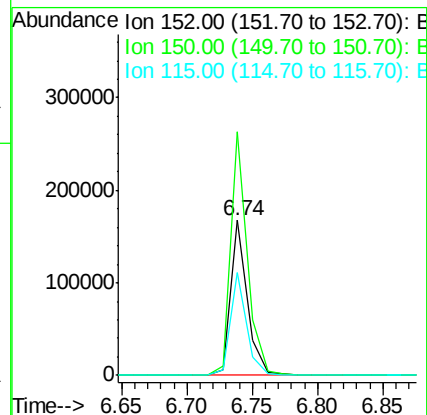
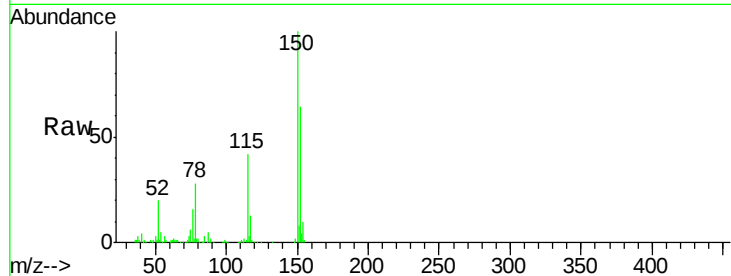


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086092.D
Acq: 6 Apr 2016 12:15

Instrument :
BNA_F
ClientSampleId :
W3DAY1DL

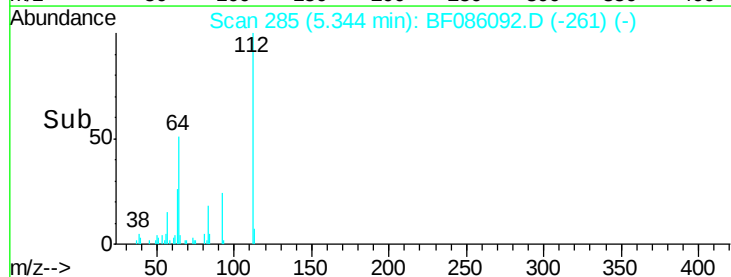
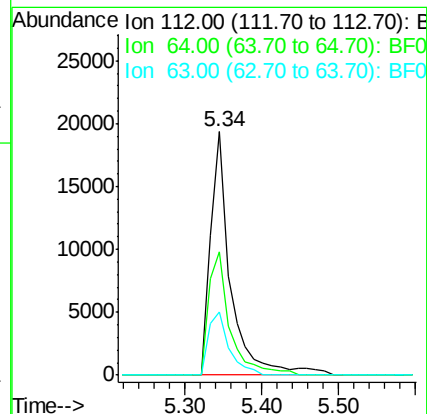
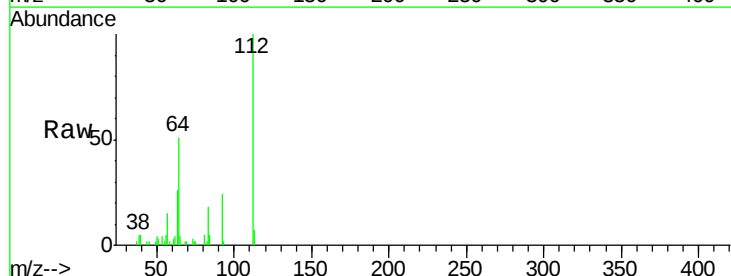
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	66.3	47.0	70.6

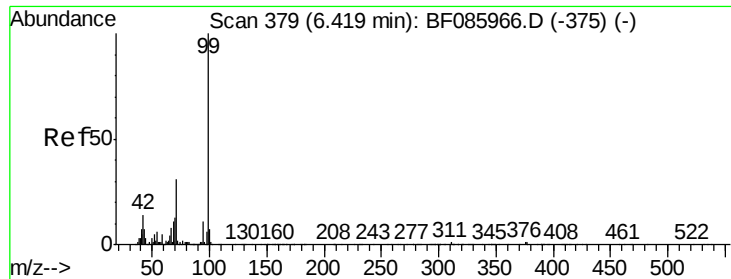


#5

2-Fluorophenol
Concen: 3.97 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086092.D
Acq: 6 Apr 2016 12:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	39.9	59.9
63	25.8	20.2	30.2





#7

Phenol-d6

Concen: 3.02 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

Instrument :

BNA_F

ClientSampleId :

W3DAY1DL

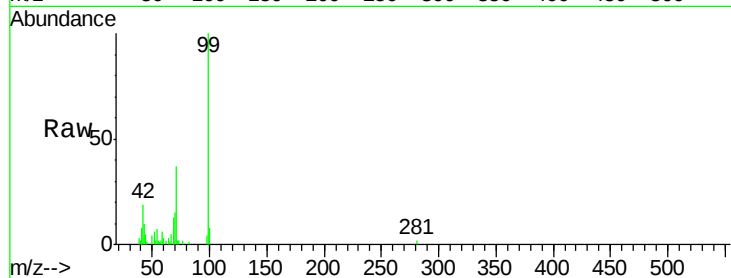
Tgt Ion: 99 Resp: 33446

Ion Ratio Lower Upper

99 100

42 19.3 11.1 16.7#

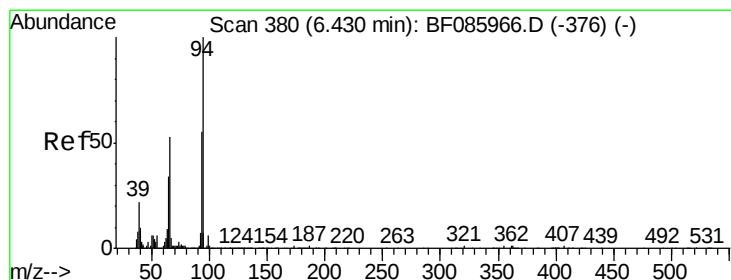
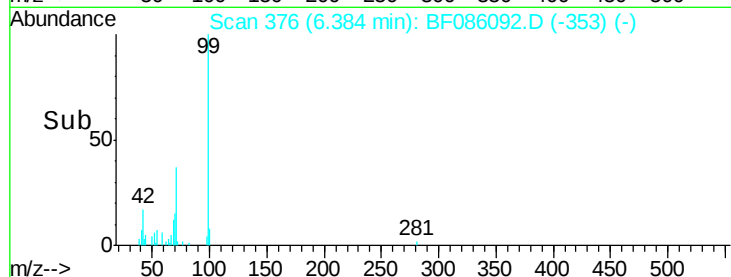
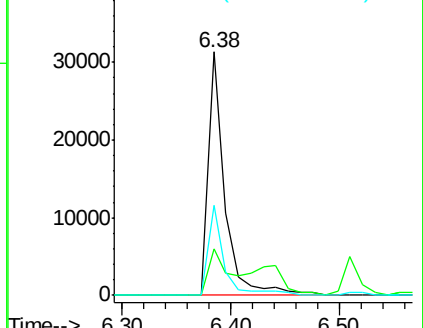
71 37.2 24.9 37.3



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: 8.27 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

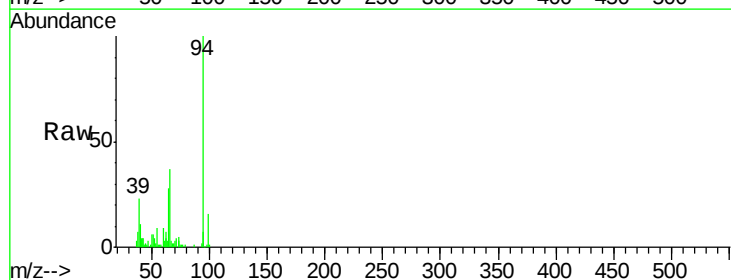
Tgt Ion: 94 Resp: 104648

Ion Ratio Lower Upper

94 100

65 27.8 8.6 48.6

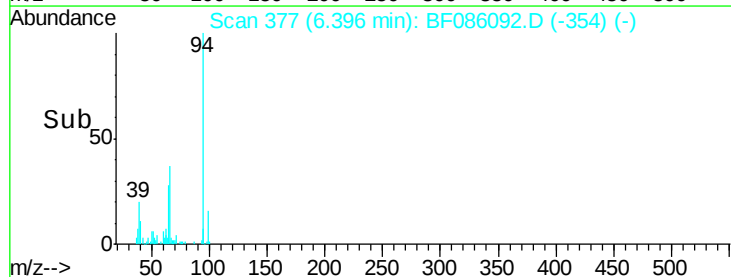
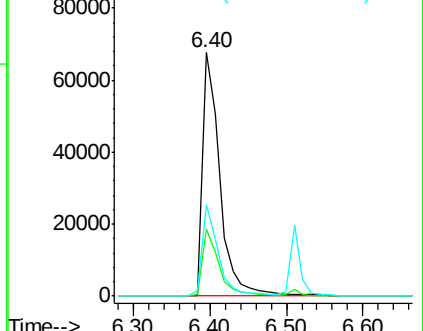
66 37.3 20.0 60.0

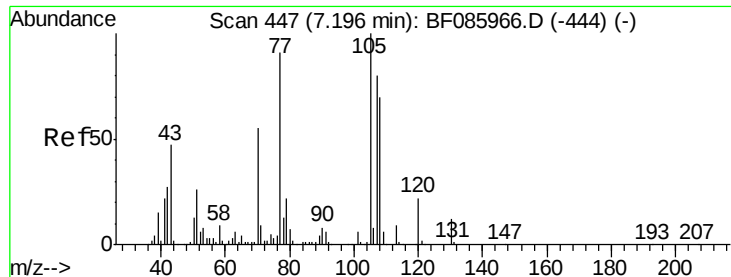


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

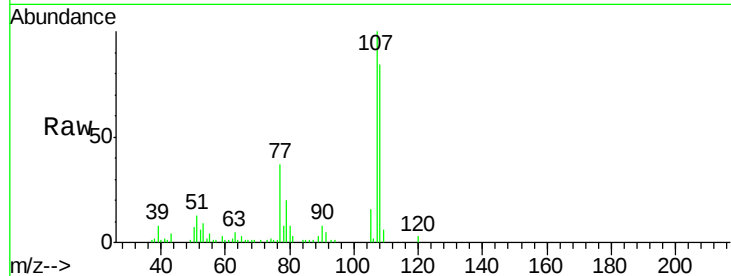




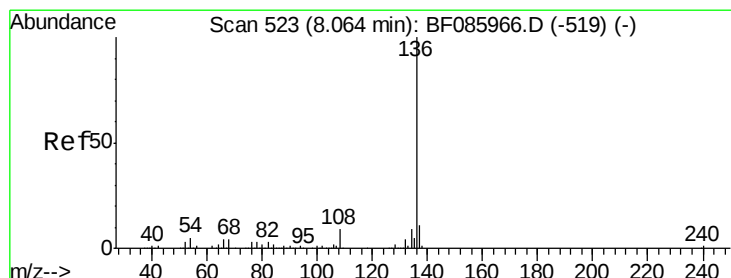
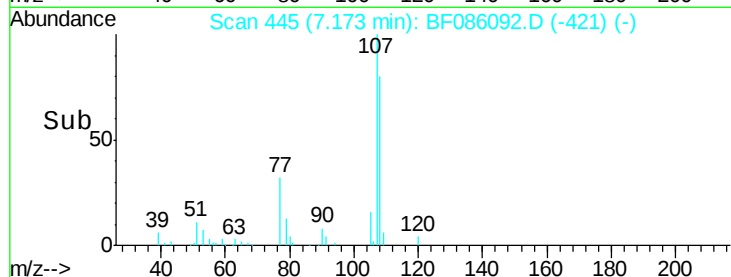
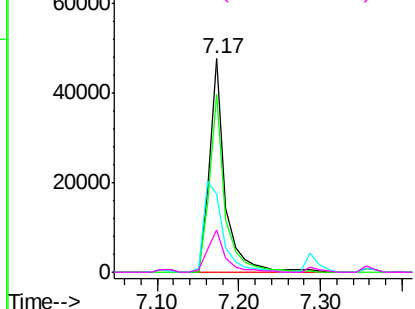
#20
 3+4-Methylphenols
 Concen: 6.52 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1DL

Tgt Ion:107 Resp: 65049
 Ion Ratio Lower Upper
 107 100
 108 83.5 69.3 109.3
 77 36.5 101.7 141.7#
 79 19.8 8.3 48.3

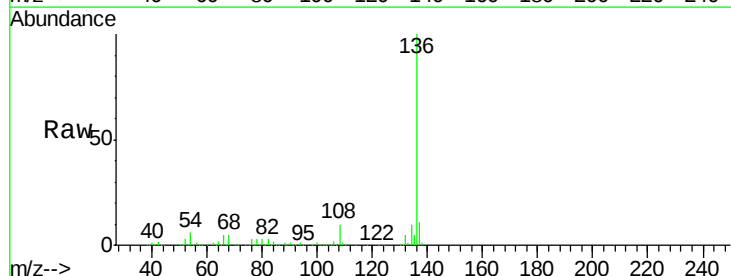


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

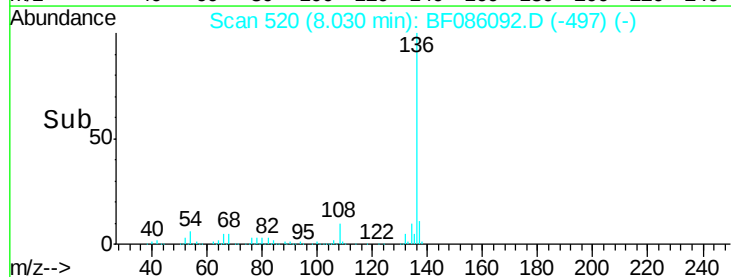
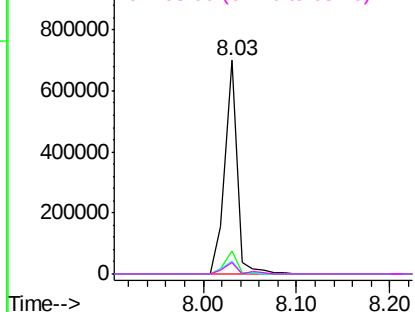


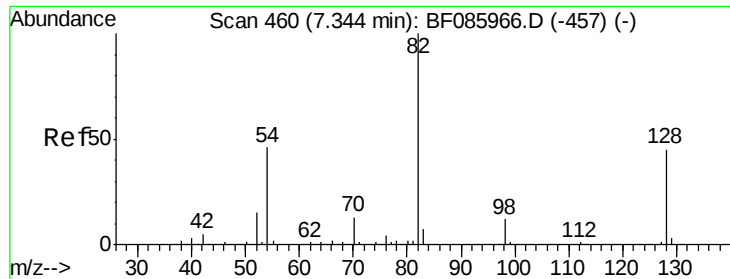
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Tgt Ion:136 Resp: 639607
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.1 13.7
 54 6.2 7.4 11.0#
 68 5.4 5.8 8.8#



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

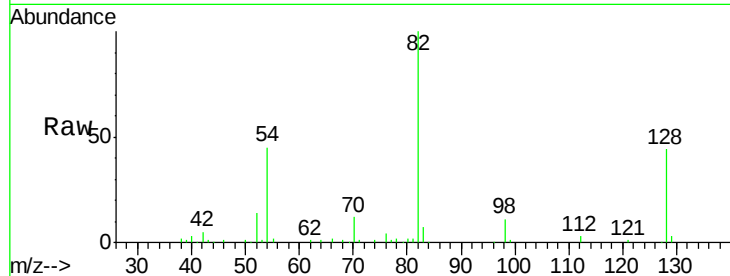




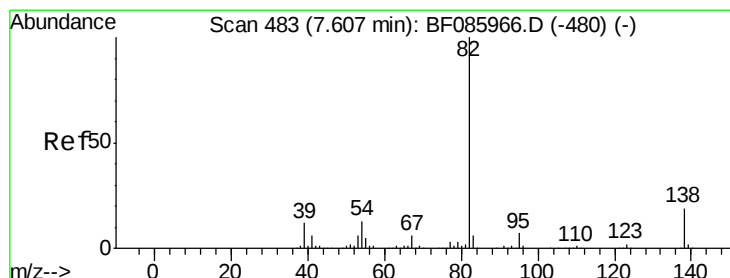
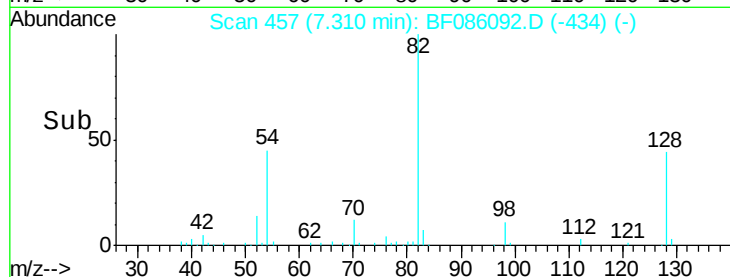
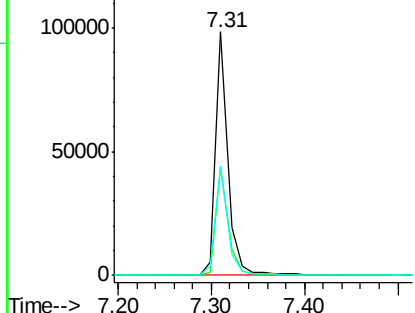
#23
Nitrobenzene-d5
Concen: 8.36 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086092.D
Acq: 6 Apr 2016 12:15

Instrument :
BNA_F
ClientSampleID :
W3DAY1DL

Tgt Ion: 82 Resp: 90716
Ion Ratio Lower Upper
82 100
128 44.3 41.8 62.8
54 45.1 33.4 50.0

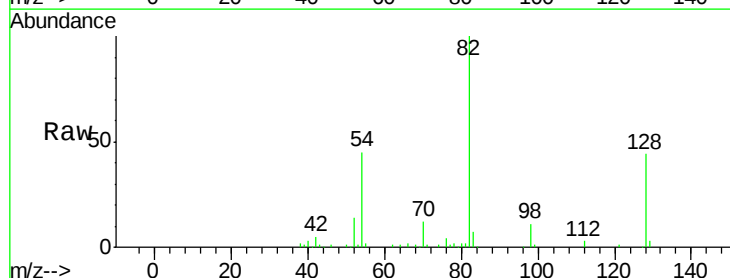


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

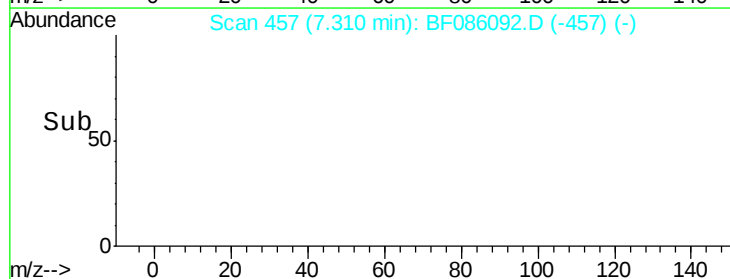
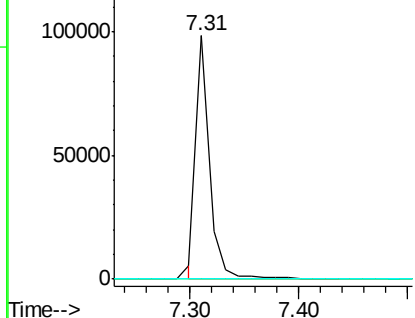


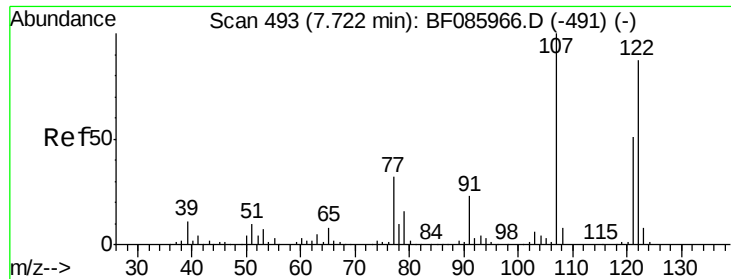
#25
Isophorone
Concen: 4.06 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086092.D
Acq: 6 Apr 2016 12:15

Tgt Ion: 82 Resp: 86987
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 5.48 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.10 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

Instrument :

BNA_F

ClientSampleID :

W3DAY1DL

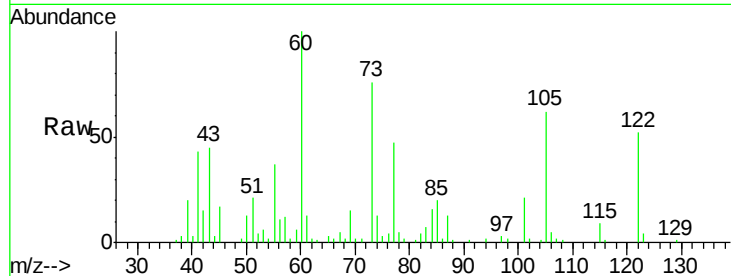
Tgt Ion:122 Resp: 55887

Ion Ratio Lower Upper

122 100

107 3.7 93.0 139.6#

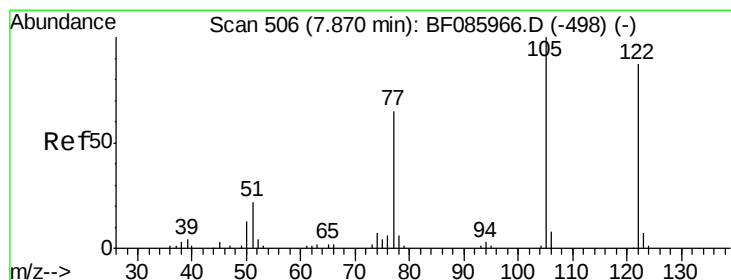
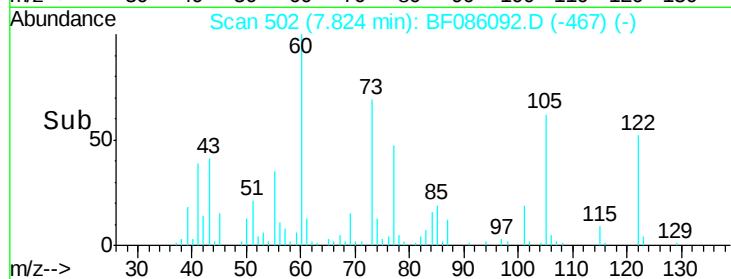
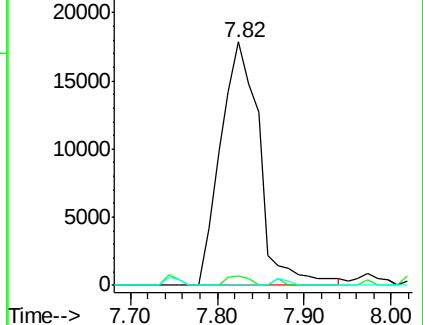
121 0.0 45.9 68.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 7.50 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

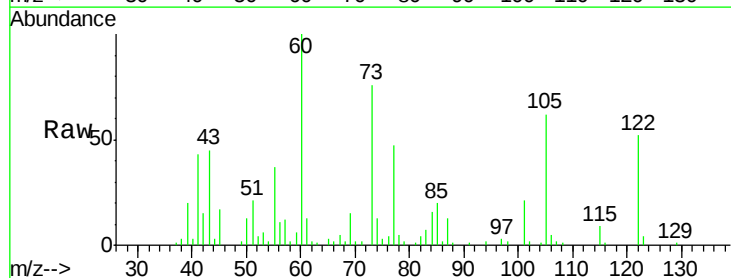
Tgt Ion:122 Resp: 56119

Ion Ratio Lower Upper

122 100

105 118.7 102.9 142.9

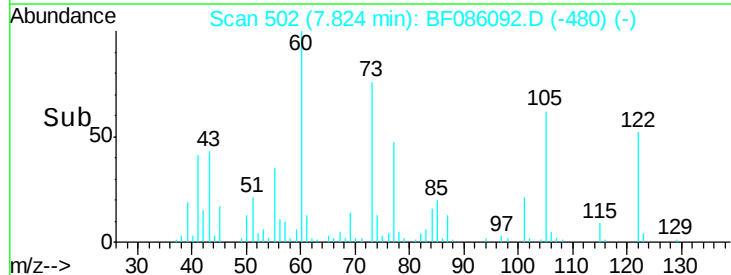
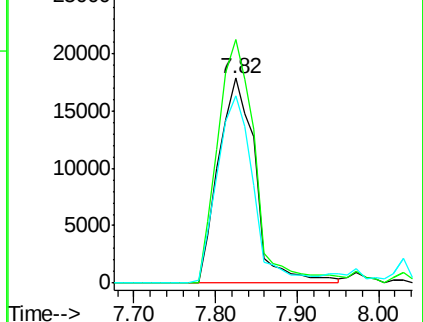
77 91.1 71.8 111.8

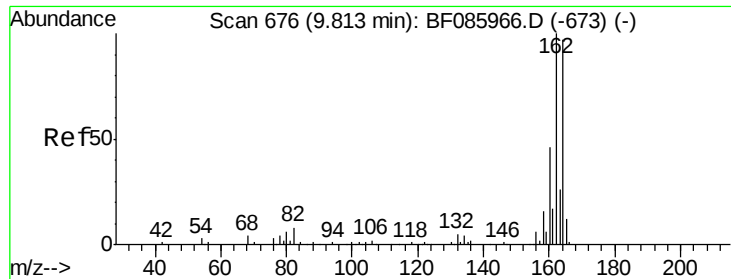


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

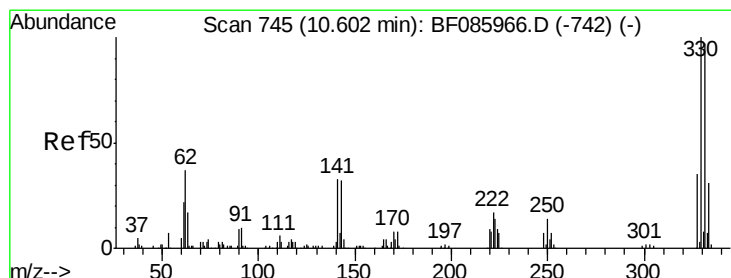
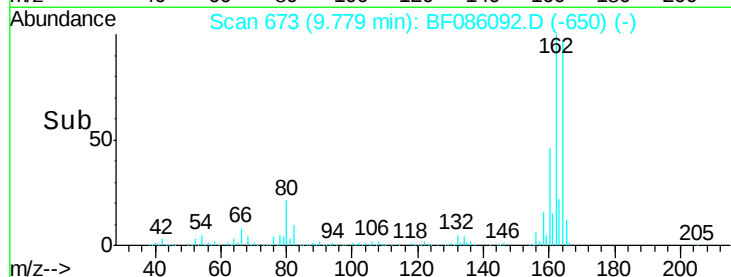
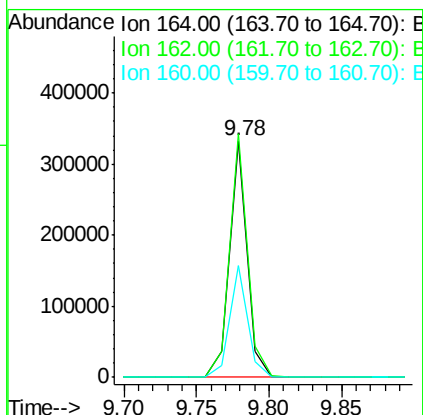
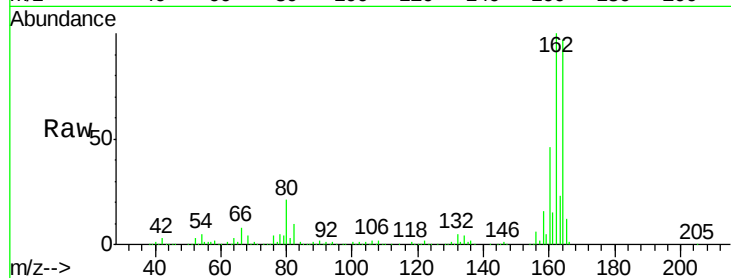




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

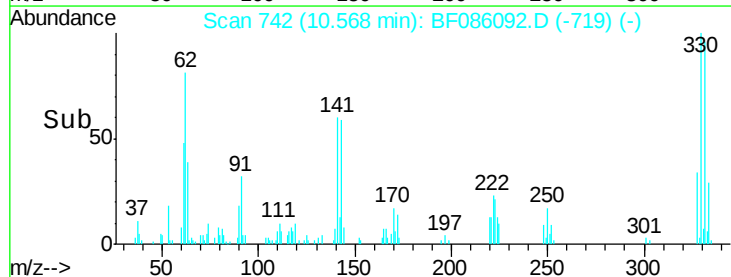
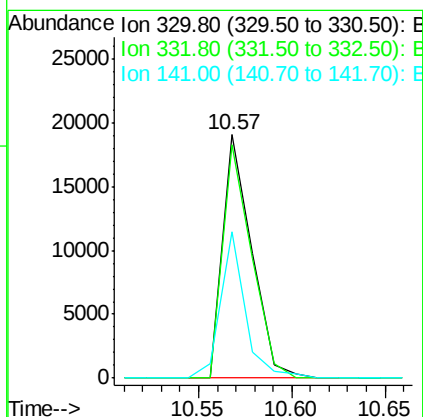
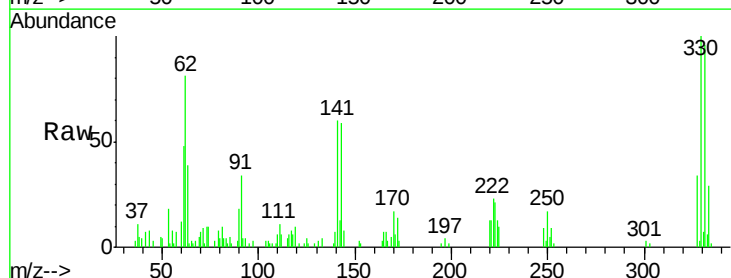
Instrument :
 BNA_F
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 W3DAY1DL

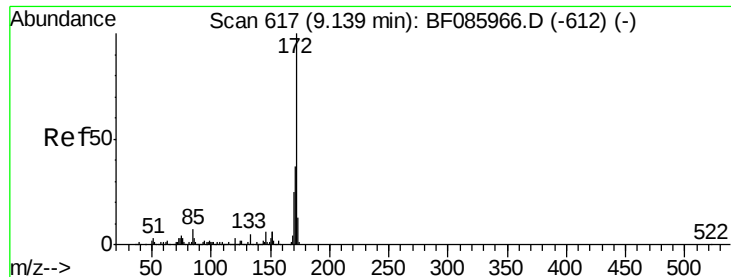
Tgt Ion:164 Resp: 278620
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.1 123.1
 160 47.4 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 7.92 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Tgt Ion:330 Resp: 20701
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.2 117.2
 141 51.2 31.5 47.3#





#44

2-Fluorobiphenyl

Concen: 10.64 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

Instrument :

BNA_F

ClientSampleId :

W3DAY1DL

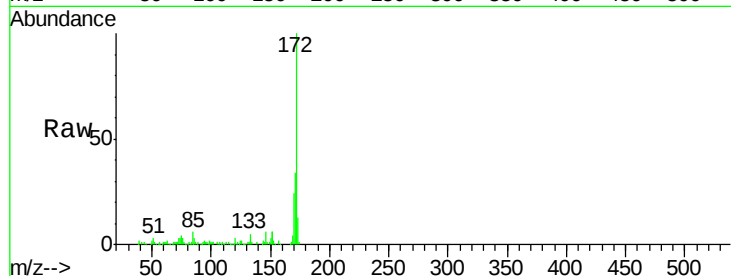
Tgt Ion:172 Resp: 178366

Ion Ratio Lower Upper

172 100

171 34.3 29.4 44.2

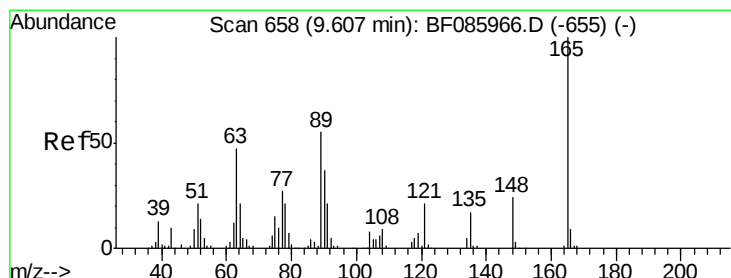
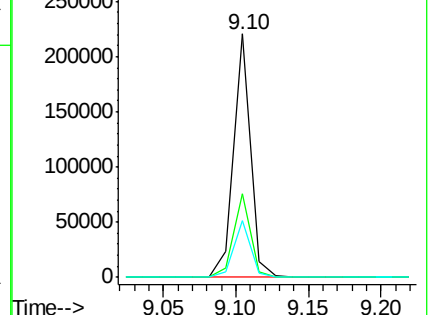
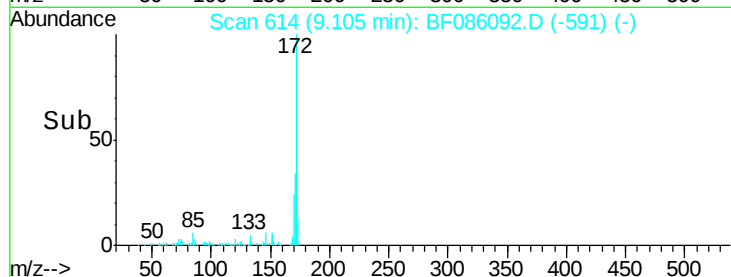
170 23.5 19.8 29.6



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



#50

2,6-Dinitrotoluene

Concen: 8.10 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.17 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

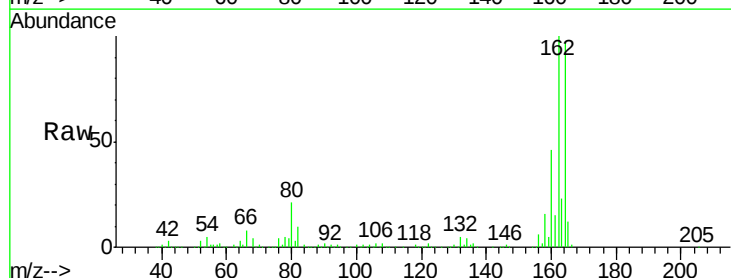
Tgt Ion:165 Resp: 35404

Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.8#

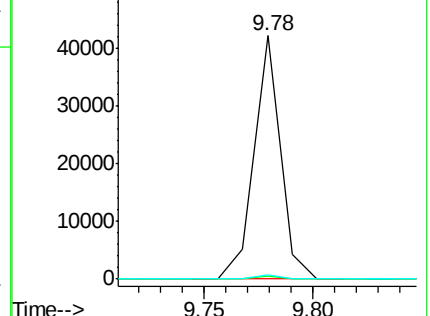
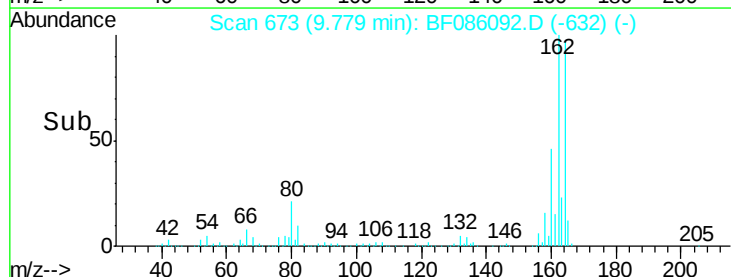
89 1.9 53.7 80.5#

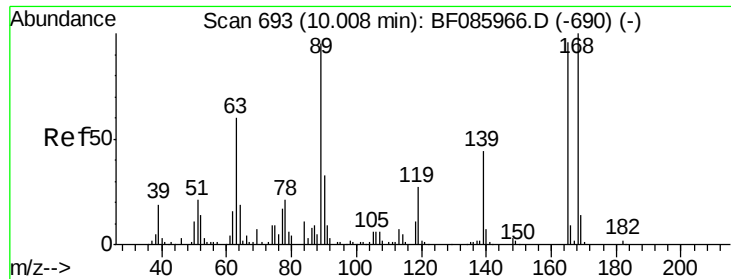


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

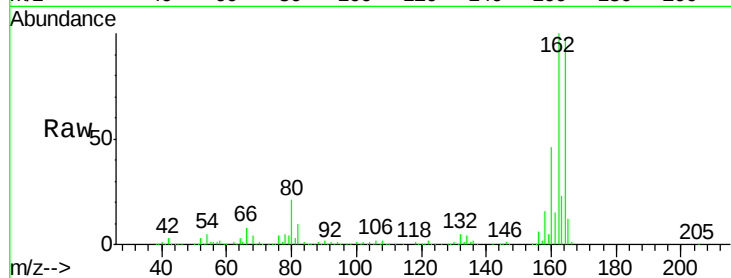




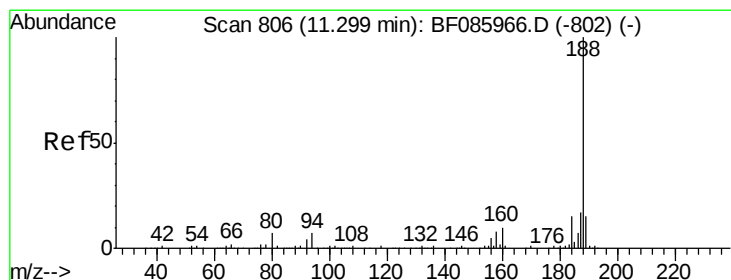
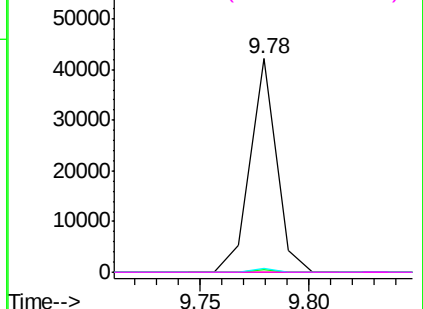
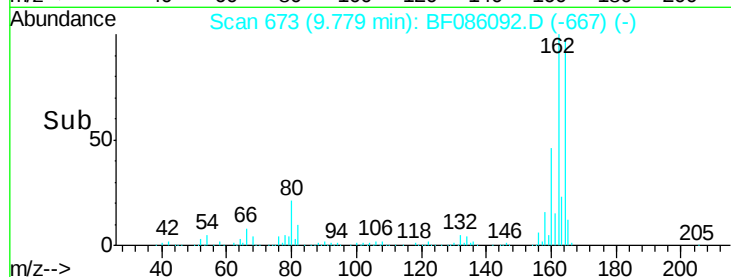
#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1DL

Tgt Ion:165 Resp: 35404
 Ion Ratio Lower Upper
 165 100
 63 1.4 24.9 37.3#
 89 1.9 41.0 61.6#
 182 0.0 2.1 3.1#

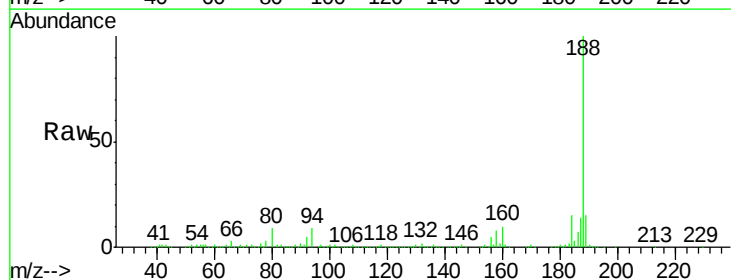


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

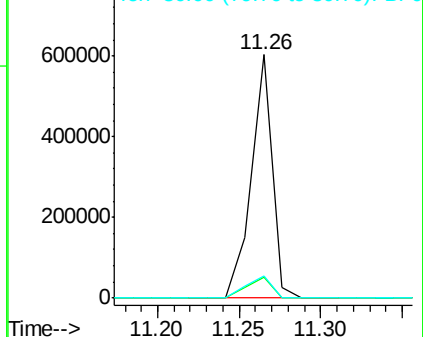
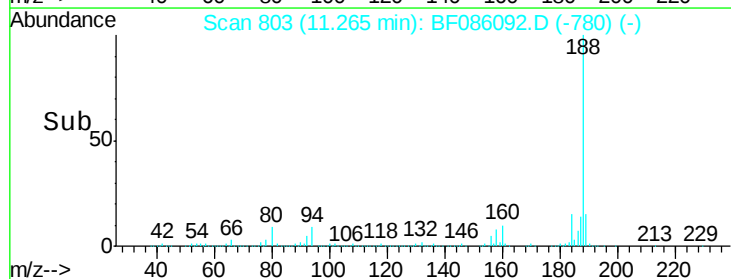


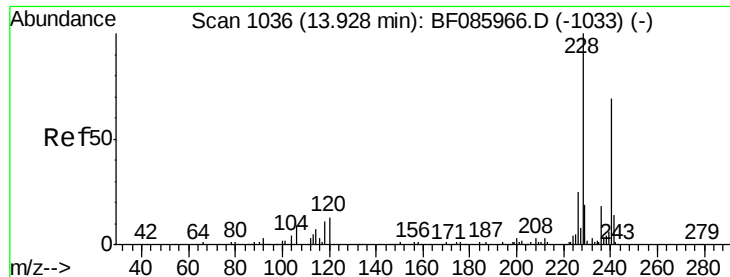
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Tgt Ion:188 Resp: 537067
 Ion Ratio Lower Upper
 188 100
 94 8.7 5.4 8.0#
 80 8.9 5.5 8.3#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

Instrument :

BNA_F

ClientSampleId :

W3DAY1DL

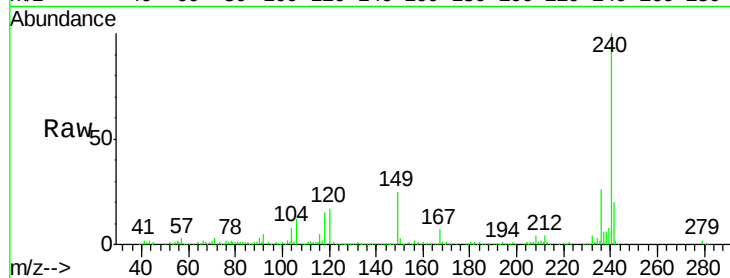
Tgt Ion:240 Resp: 361533

Ion Ratio Lower Upper

240 100

120 17.4 13.8 20.8

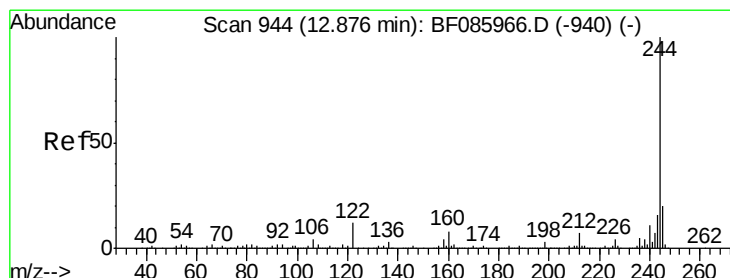
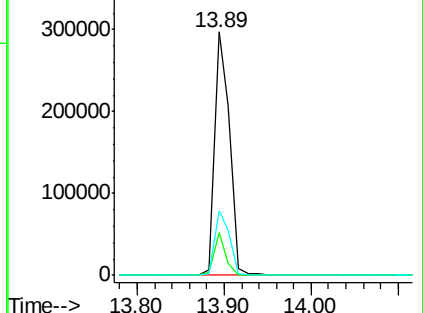
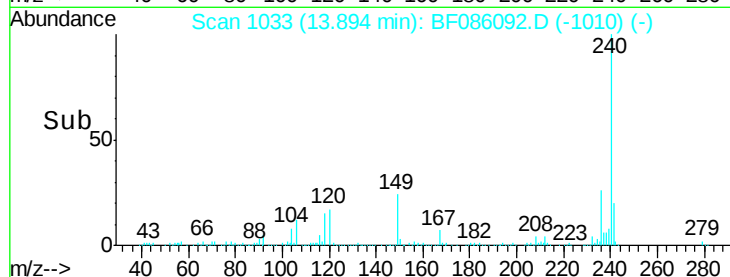
236 26.5 20.6 30.8



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: 9.03 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086092.D

Acq: 6 Apr 2016 12:15

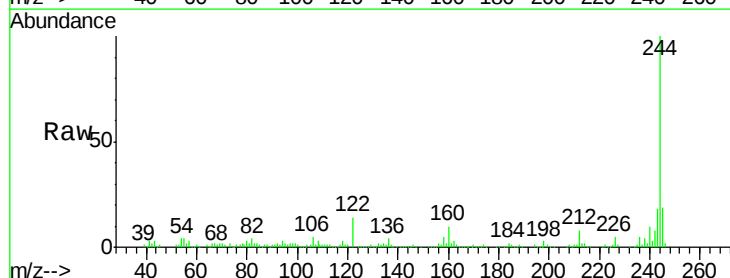
Tgt Ion:244 Resp: 138829

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

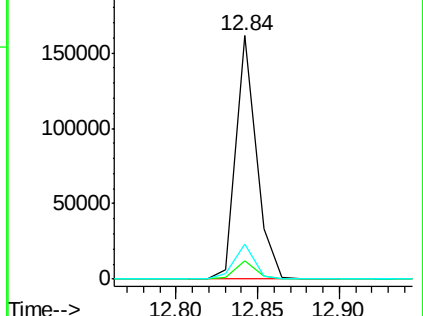
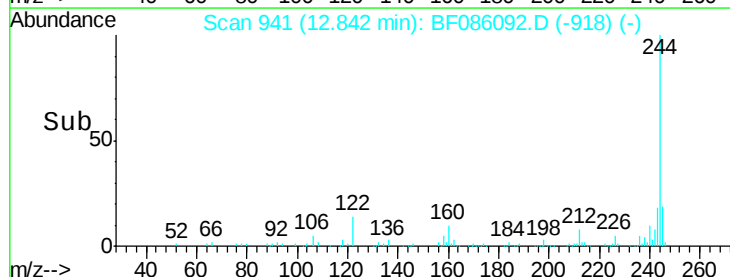
122 14.4 10.2 15.4

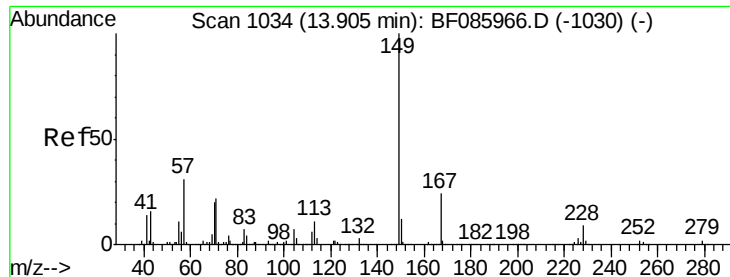


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

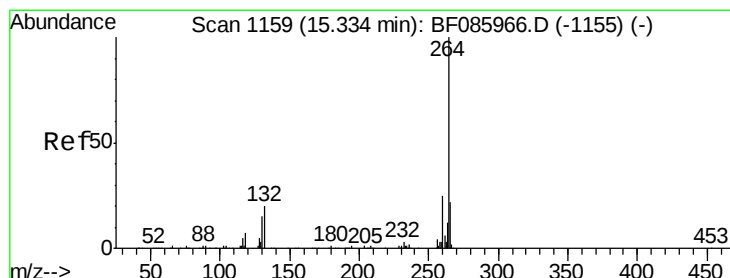
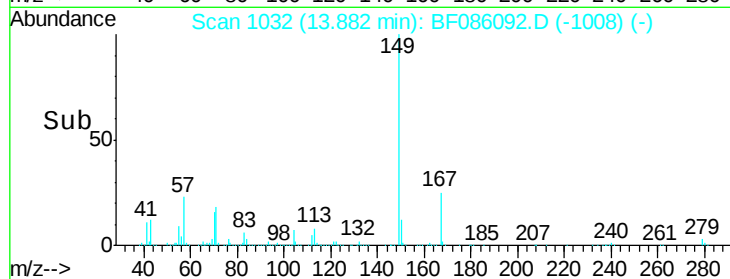
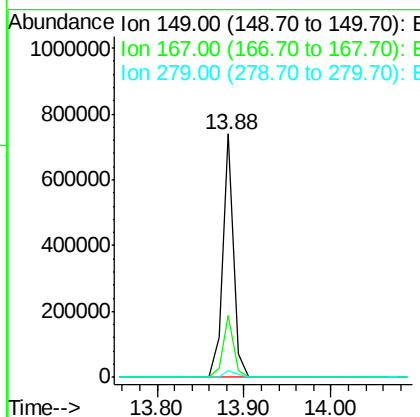
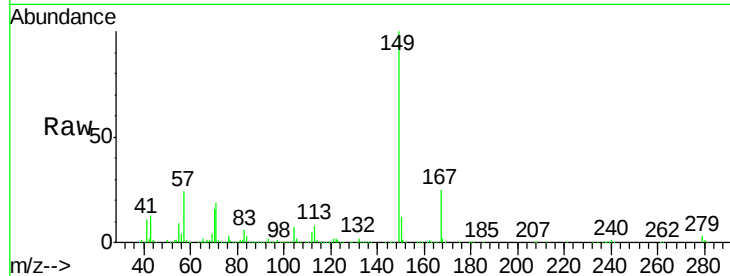




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.49 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 W3DAY1DL

Tgt Ion:149 Resp: 646918
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.4 29.2
 279 3.0 1.5 2.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086092.D
 Acq: 6 Apr 2016 12:15

Tgt Ion:264 Resp: 293085
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.6 17.2 25.8

