

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086693.D
 Acq On : 4 May 2016 23:02
 Operator : UM/SJ
 Sample : H2715-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Quant Time: May 05 01:38:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

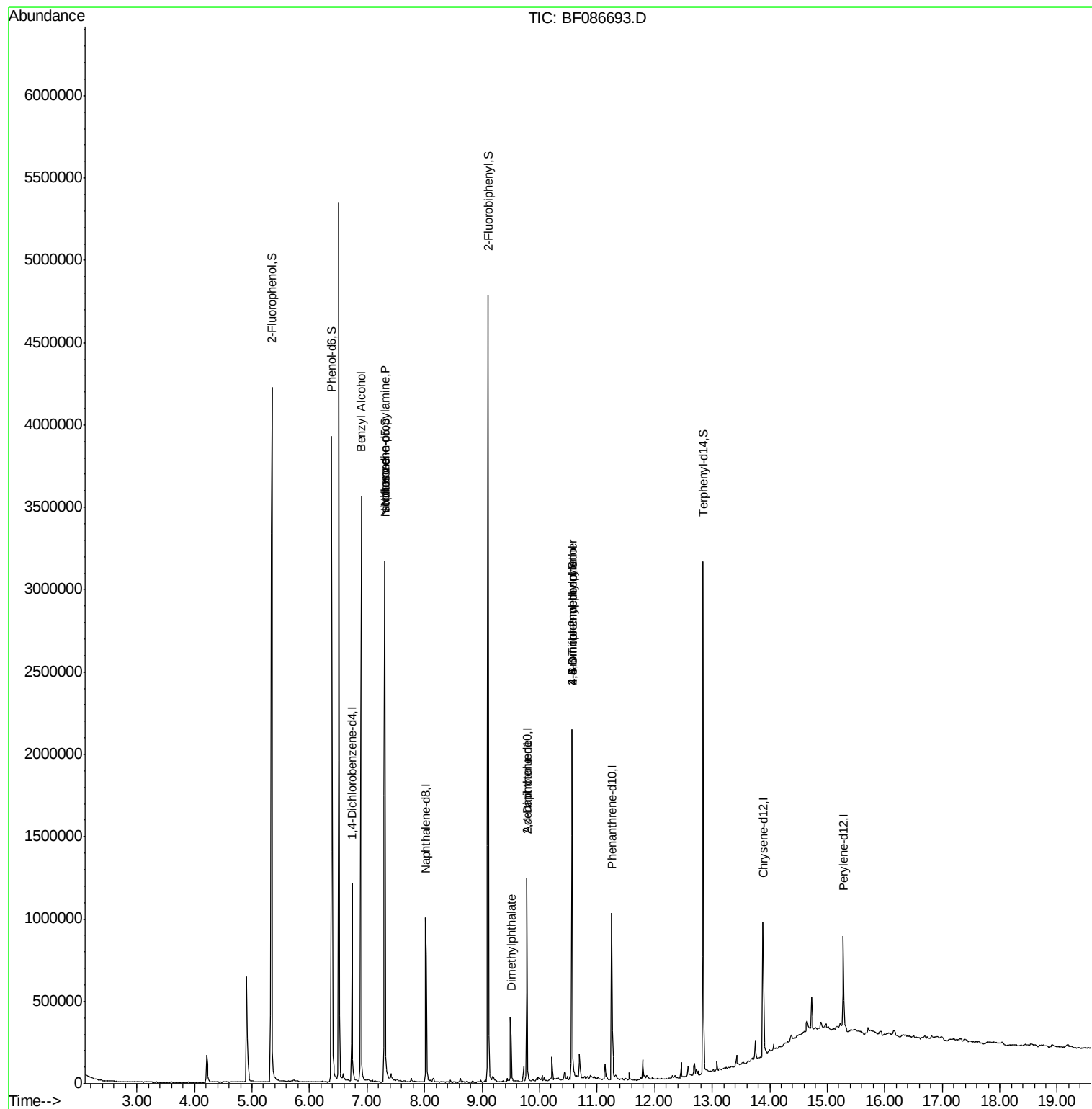
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	166779	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	615715	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	262136	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	396522	40.00	ng	0.00
75) Chrysene-d12	13.88	240	343991	40.00	ng	0.00
86) Perylene-d12	15.28	264	265169	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1423388	141.29	ng	0.02
7) Phenol-d6	6.38	99	1721041	126.82	ng	0.01
23) Nitrobenzene-d5	7.31	82	1182950	98.73	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	320354	124.93	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1441524	90.14	ng	0.00
78) Terphenyl-d14	12.84	244	913268	53.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.90	79	20626	2.35	ng	# 40
19) n-Nitroso-di-n-propylamine	7.31	70	169291	18.26	ng	# 78
25) Isophorone	7.31	82	1096604	49.15	ng	# 68
49) Dimethylphthalate	9.50	163	203594	10.42	ng	# 97
56) 2,4-Dinitrotoluene	9.78	165	33124	6.37	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.57	198	985	5.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	19443	4.93	ng	# 1

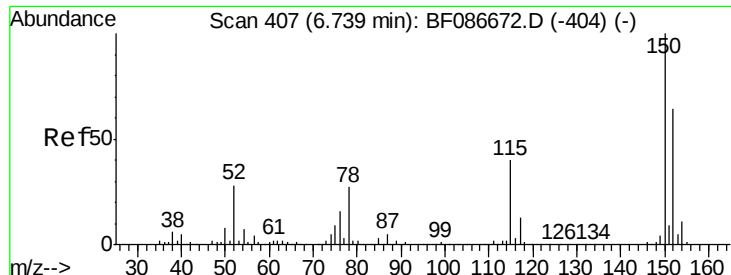
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

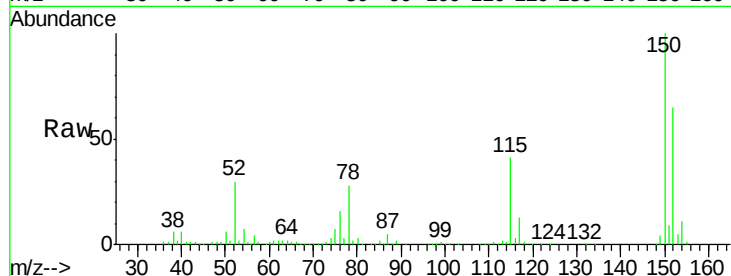
Tgt Ion:152 Resp: 166779

Ion Ratio Lower Upper

152 100

150 154.8 125.8 188.6

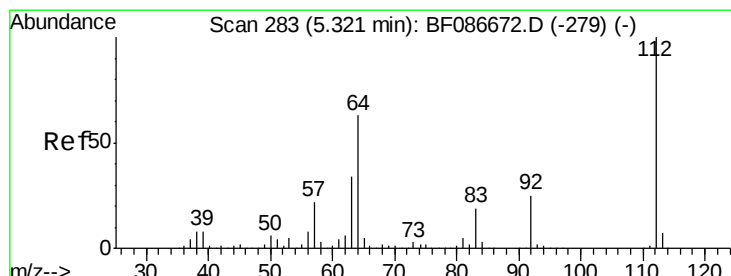
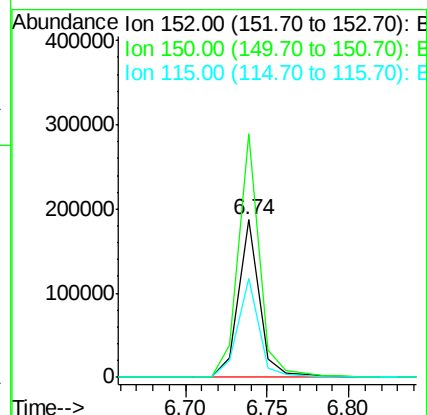
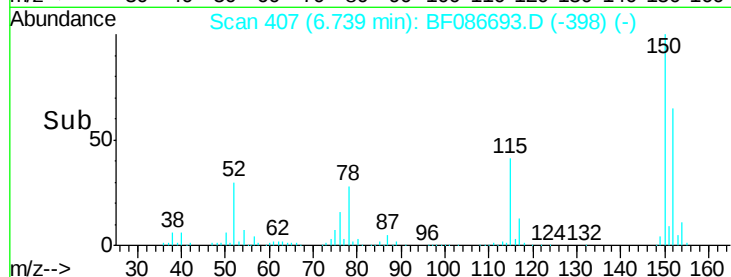
115 63.3 51.5 77.3



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: 141.29 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.02 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

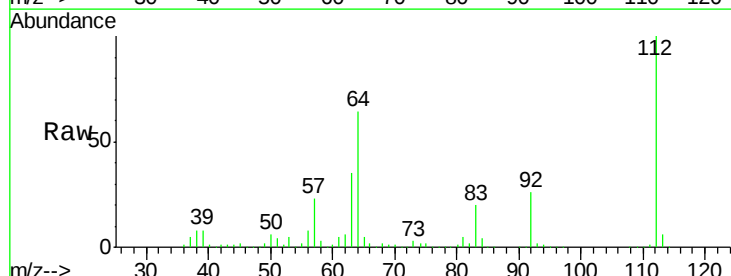
Tgt Ion:112 Resp: 1423388

Ion Ratio Lower Upper

112 100

64 64.2 52.1 78.1

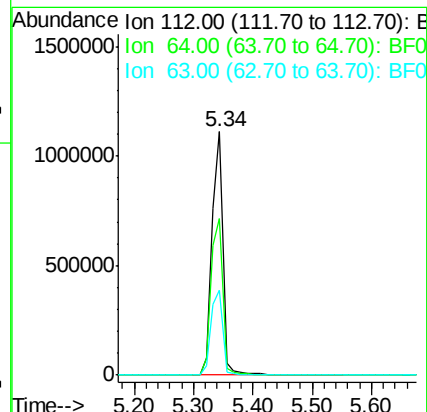
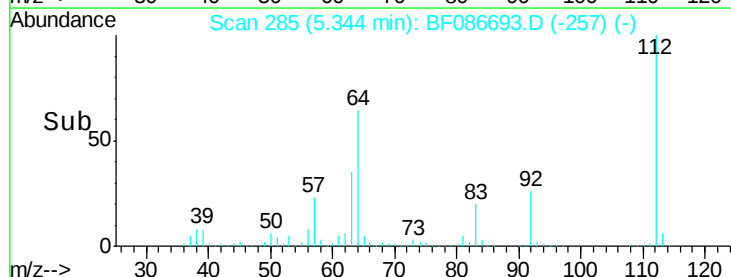
63 34.6 25.7 38.5

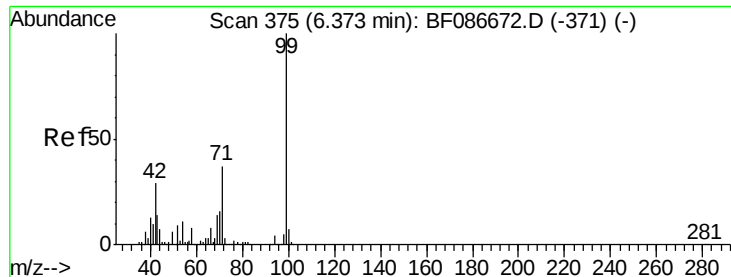


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.82 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

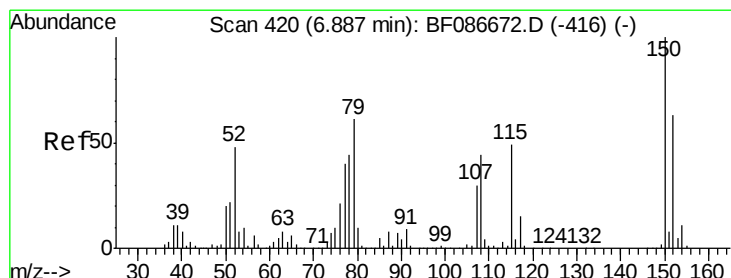
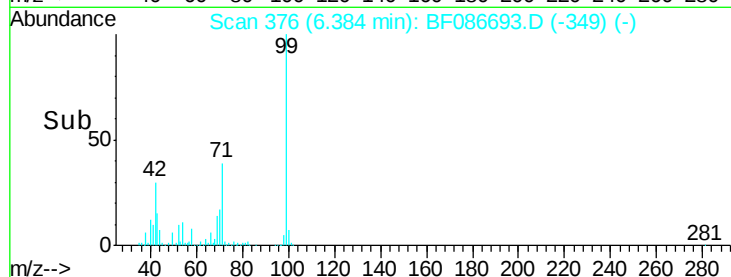
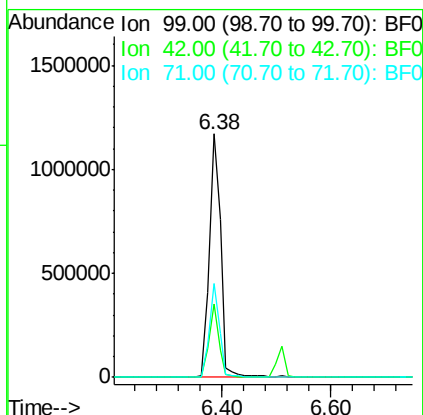
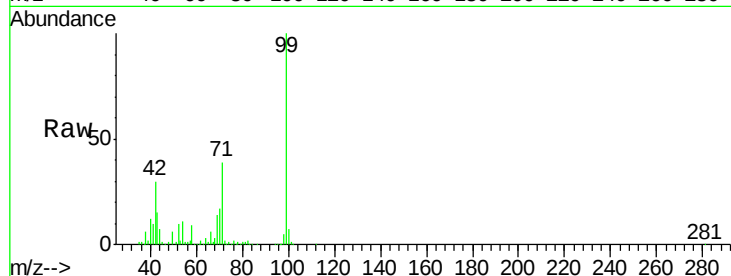
Tgt Ion: 99 Resp: 1721041

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

71 38.8 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

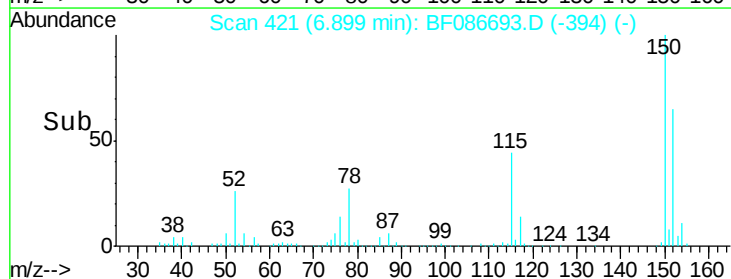
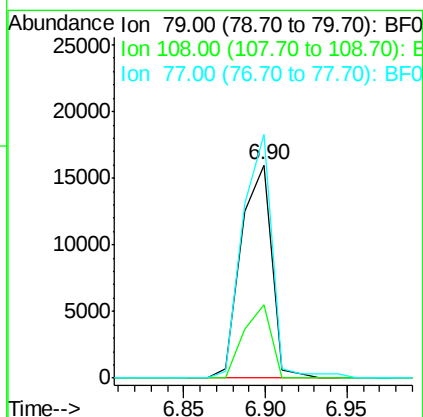
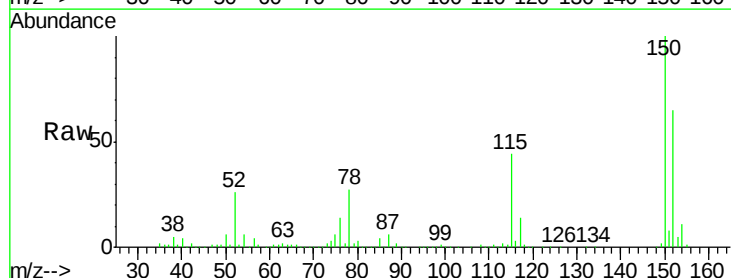
Tgt Ion: 79 Resp: 20626

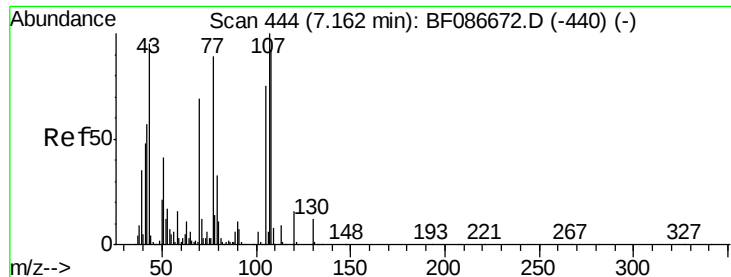
Ion Ratio Lower Upper

79 100

108 34.1 68.4 102.6#

77 114.1 50.6 76.0#





#19

n-Nitroso-di-n-propylamine

Concen: 18.26 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.15 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

Tgt Ion: 70 Resp: 169291

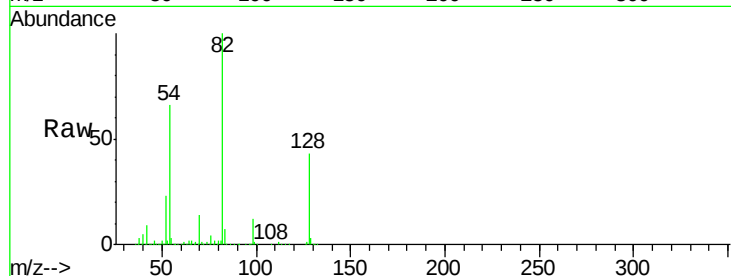
Ion Ratio Lower Upper

70 100

42 62.0 43.1 64.7

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

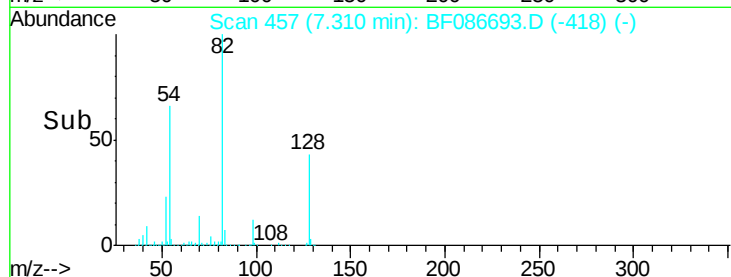


Abundance Ion 70.00 (69.70 to 70.70): BF0

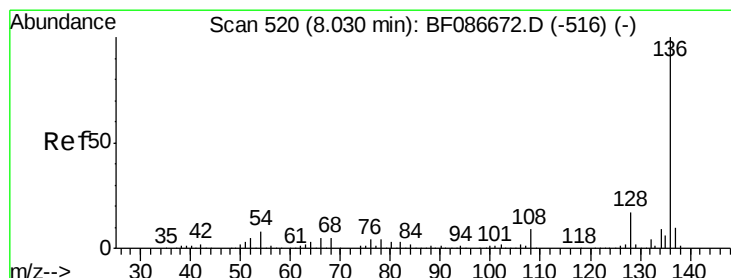
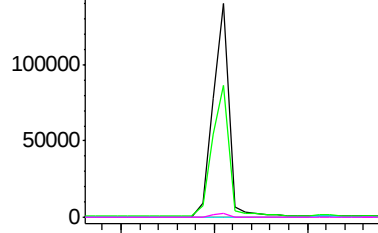
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

Tgt Ion: 136 Resp: 615715

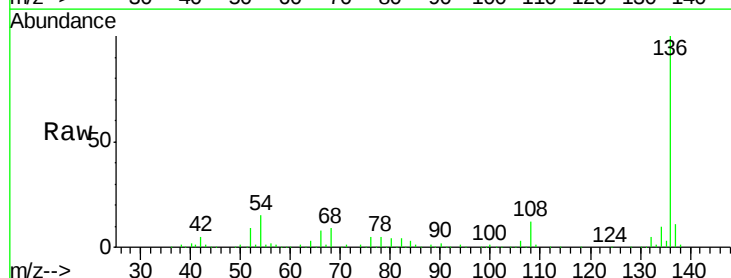
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 15.5 5.0 7.4#

68 8.6 4.4 6.6#

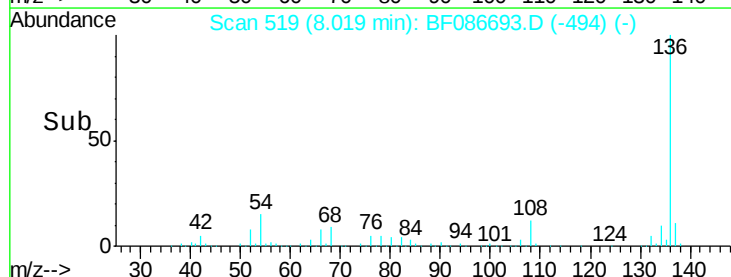


Abundance Ion 136.00 (135.70 to 136.70): E

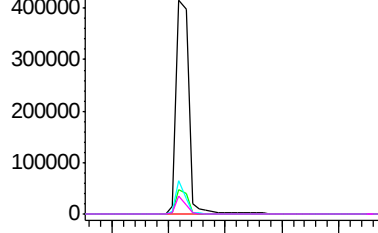
Ion 137.00 (136.70 to 137.70): E

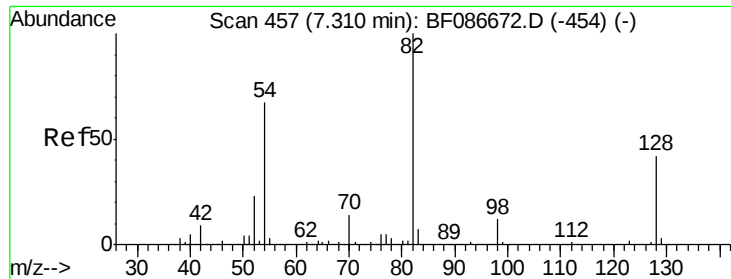
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

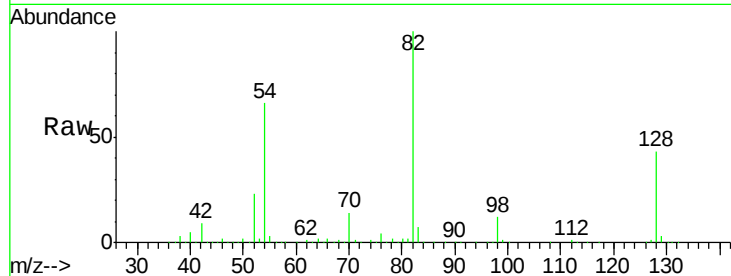




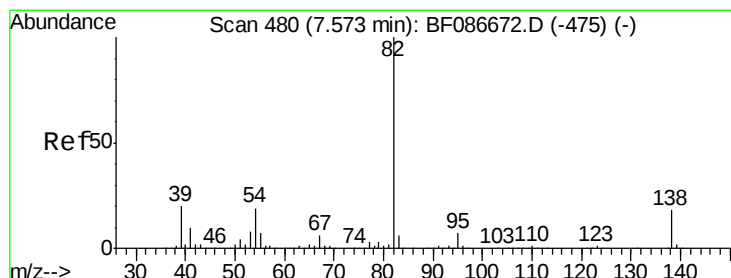
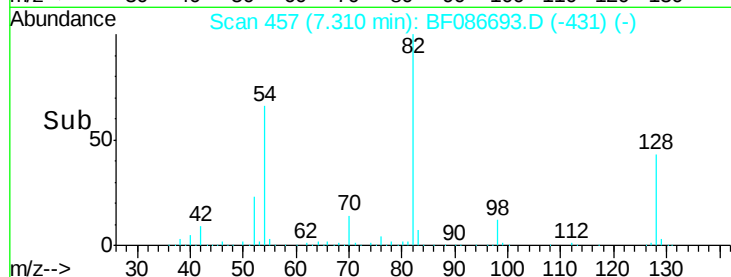
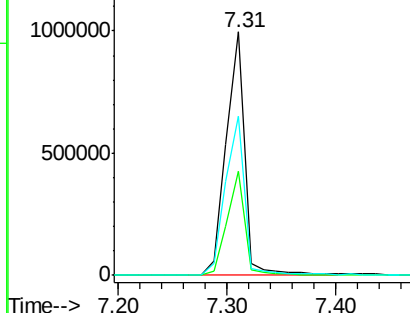
#23
Nitrobenzene-d5
Concen: 98.73 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF086693.D
Acq: 4 May 2016 23:02

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-3(12-18FTBGS)

Tgt Ion: 82 Resp: 1182950
Ion Ratio Lower Upper
82 100
128 42.6 40.6 61.0
54 65.6 38.1 57.1#

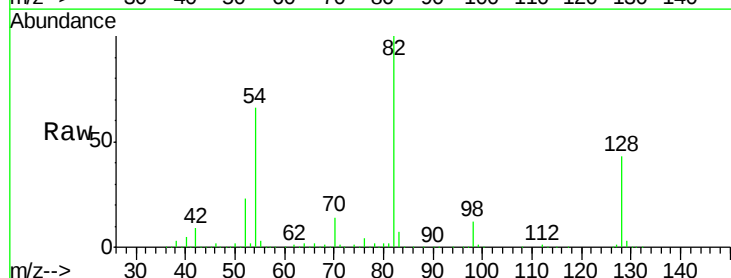


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

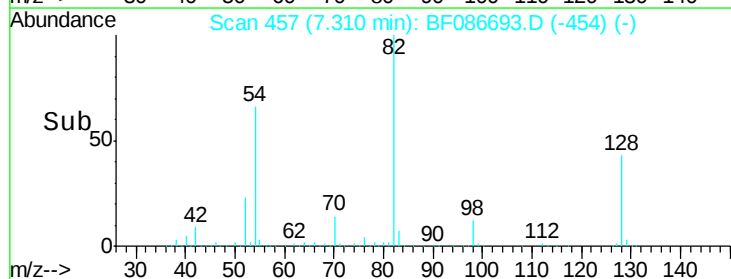
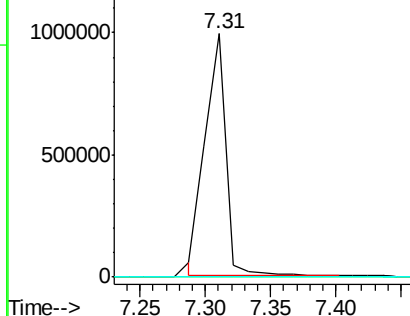


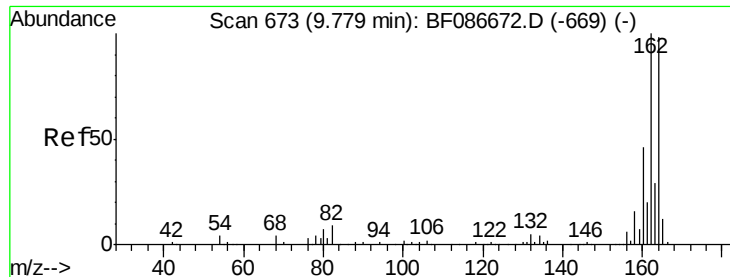
#25
Isophorone
Concen: 49.15 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.26 min
Lab File: BF086693.D
Acq: 4 May 2016 23:02

Tgt Ion: 82 Resp: 1096604
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



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

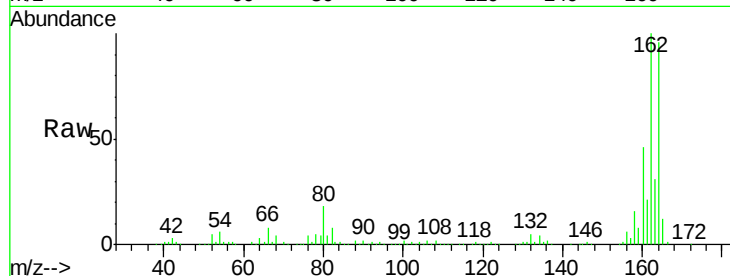




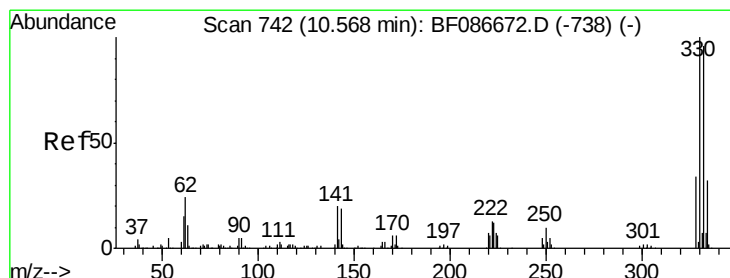
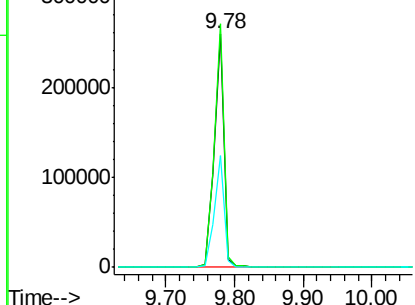
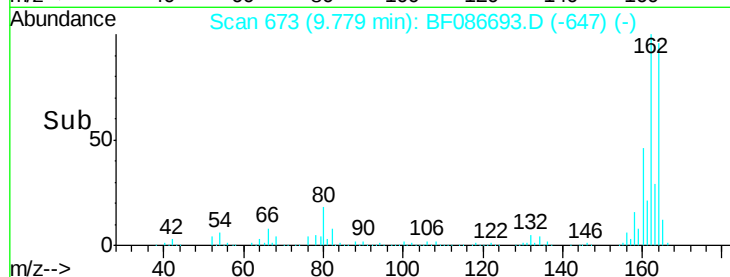
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF086693.D
 Acq: 4 May 2016 23:02

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.8	124.2
160	47.7	36.9	55.3

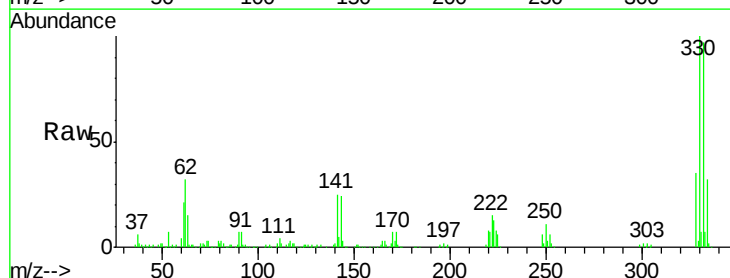


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

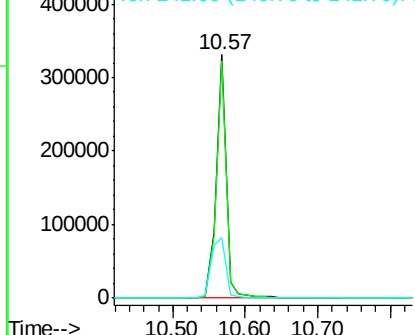
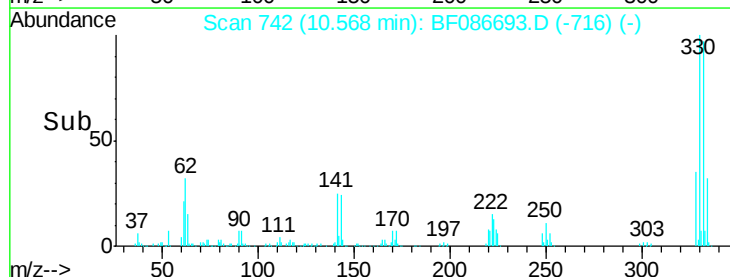


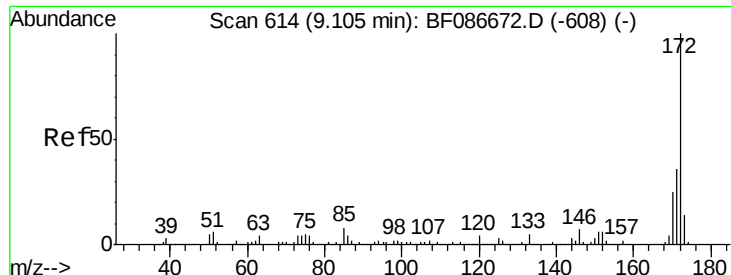
#41
 2,4,6-Tribromophenol
 Concen: 124.93 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086693.D
 Acq: 4 May 2016 23:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	36.4	31.2	46.8



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

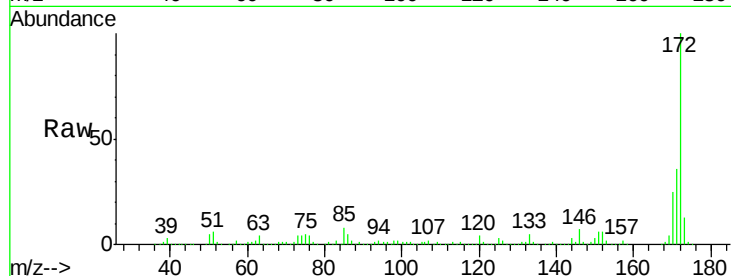




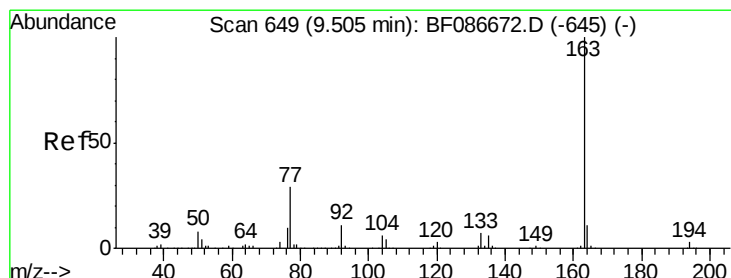
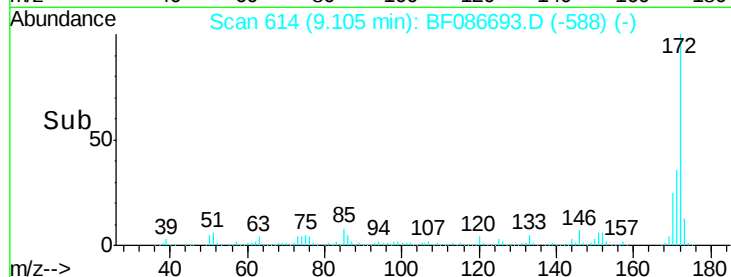
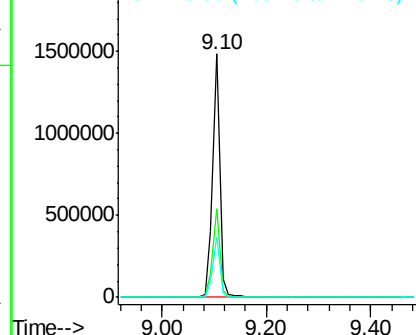
#44
2-Fluorobiphenyl
Concen: 90.14 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086693.D
Acq: 4 May 2016 23:02

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-3(12-18FTBGS)

Tgt Ion:172 Resp: 1441524
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.7 19.8 29.8

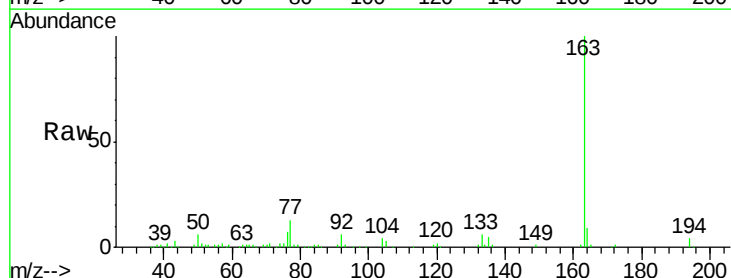


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

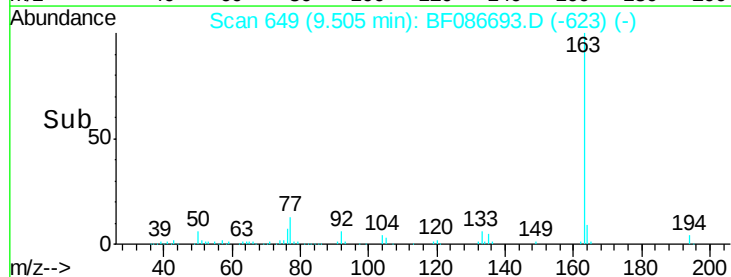
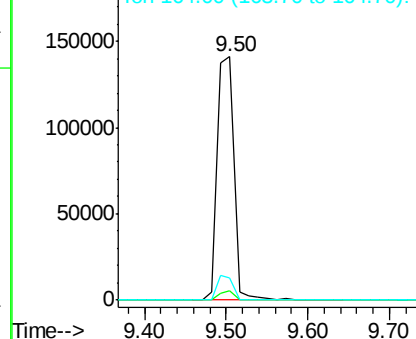


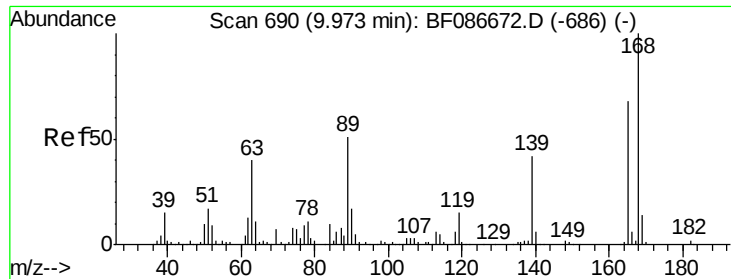
#49
Dimethylphthalate
Concen: 10.42 ng
RT: 9.50 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF086693.D
Acq: 4 May 2016 23:02

Tgt Ion:163 Resp: 203594
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.3 8.2 12.4



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

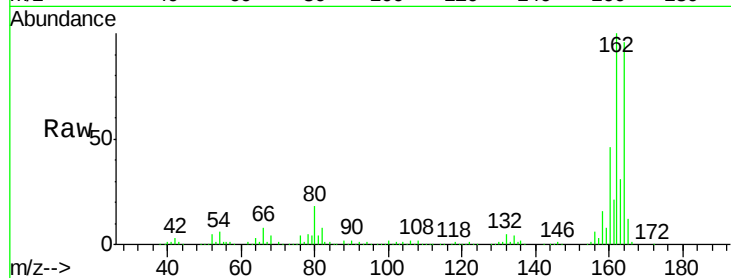




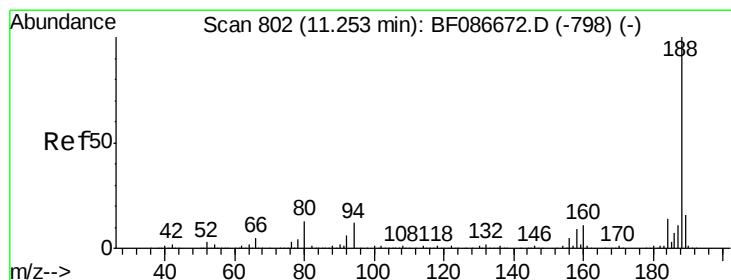
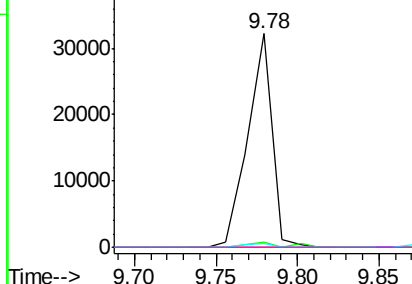
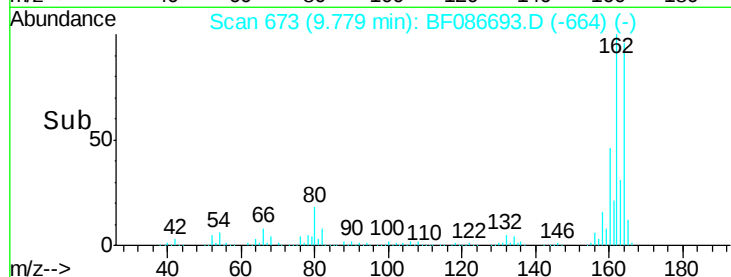
#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.19 min
 Lab File: BF086693.D
 Acq: 4 May 2016 23:02

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tgt Ion:165 Resp: 33124
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.3 66.5#
 89 2.0 70.0 105.0#
 182 0.0 1.8 2.6#

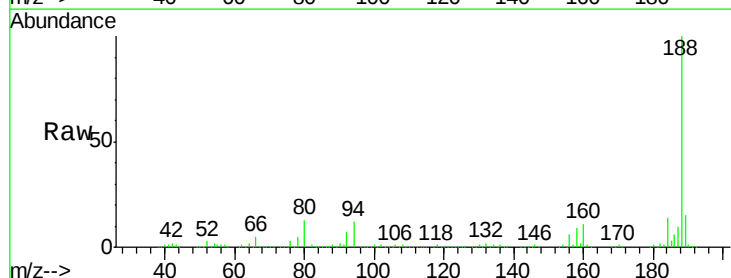


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

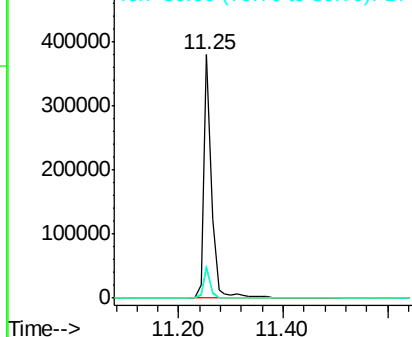
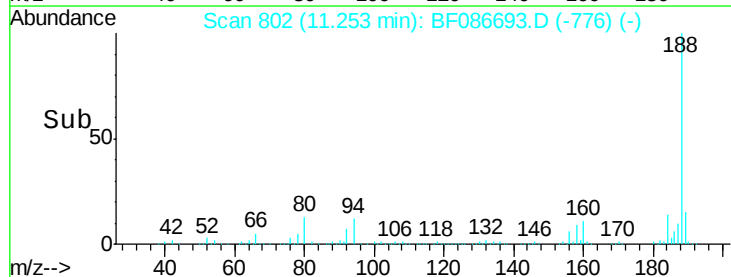


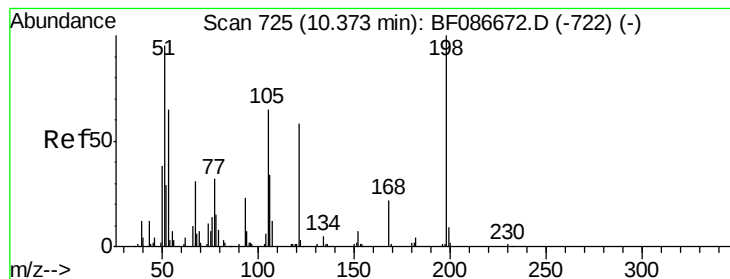
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086693.D
 Acq: 4 May 2016 23:02

Tgt Ion:188 Resp: 396522
 Ion Ratio Lower Upper
 188 100
 94 12.3 6.8 10.2#
 80 13.1 7.1 10.7#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.77 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.19 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

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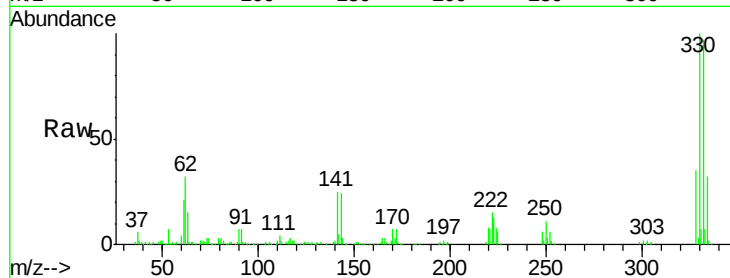
Tgt Ion:198 Resp: 985

Ion Ratio Lower Upper

198 100

51 162.1 20.5 60.5#

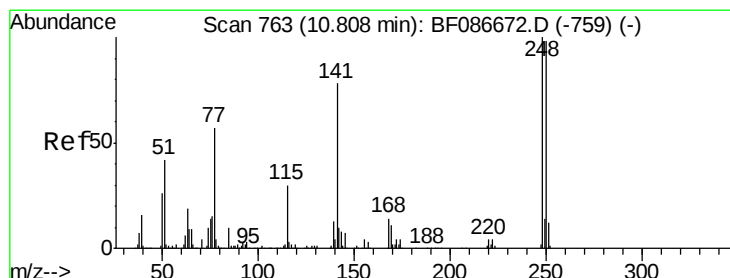
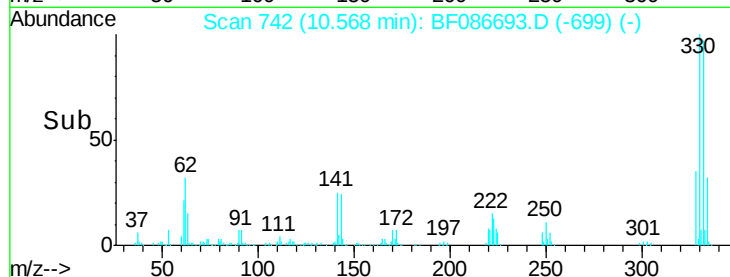
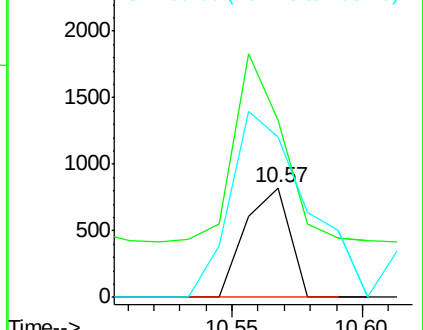
105 146.3 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.93 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

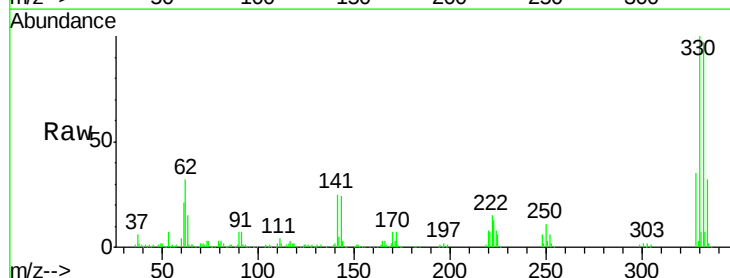
Tgt Ion:248 Resp: 19443

Ion Ratio Lower Upper

248 100

250 201.5 78.6 117.8#

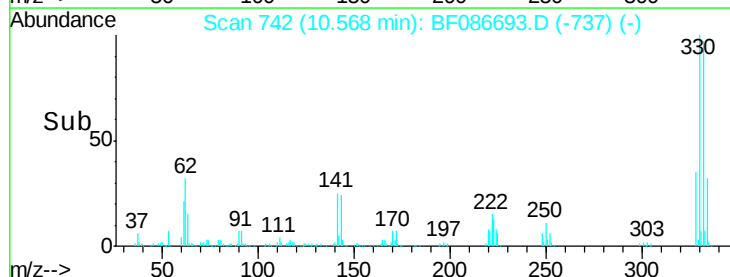
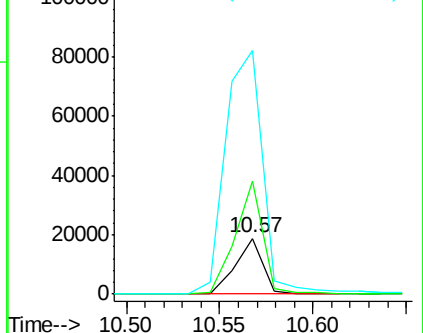
141 434.8 76.0 114.0#

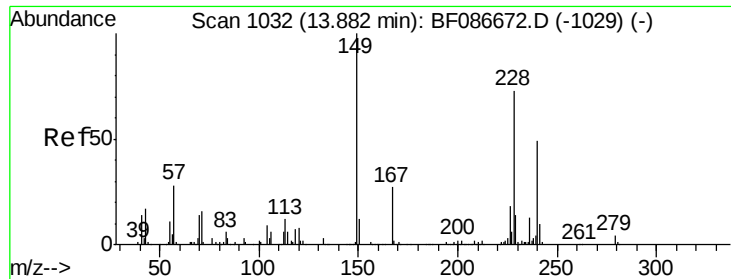


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

Instrument :

BNA_F

ClientSampleId :

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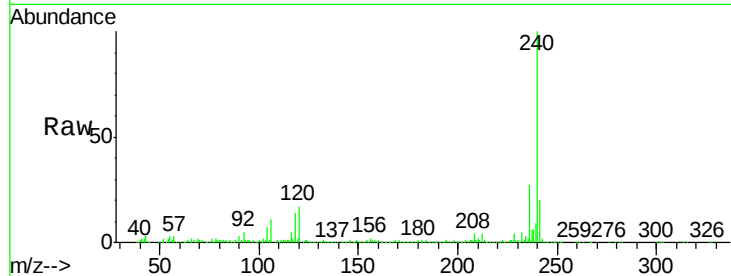
Tgt Ion:240 Resp: 343991

Ion Ratio Lower Upper

240 100

120 16.9 11.2 16.8#

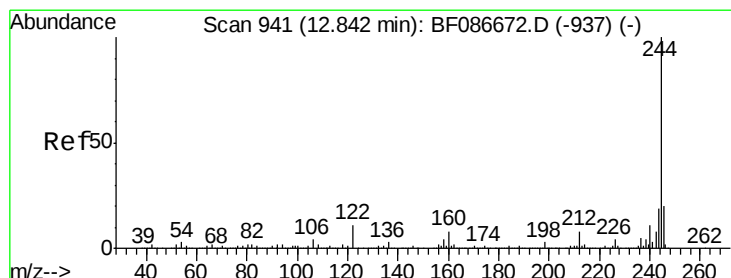
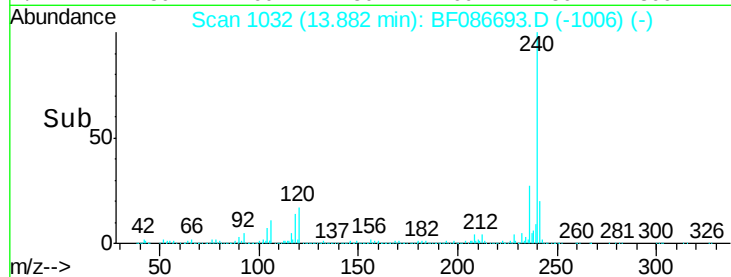
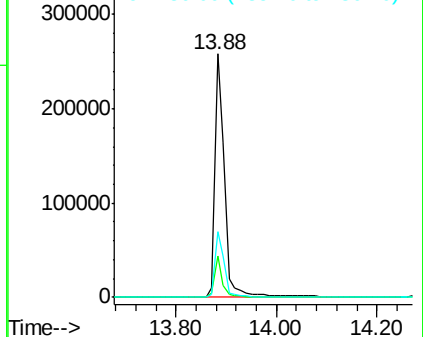
236 27.0 21.2 31.8



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: 53.66 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086693.D

Acq: 4 May 2016 23:02

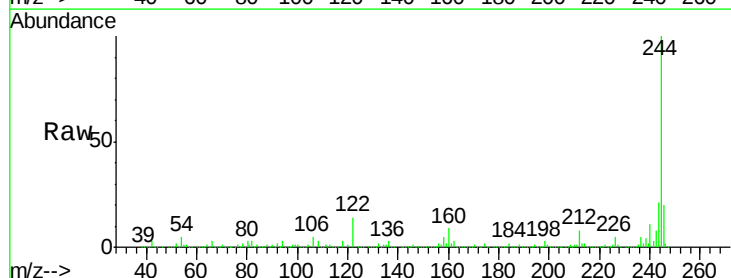
Tgt Ion:244 Resp: 913268

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

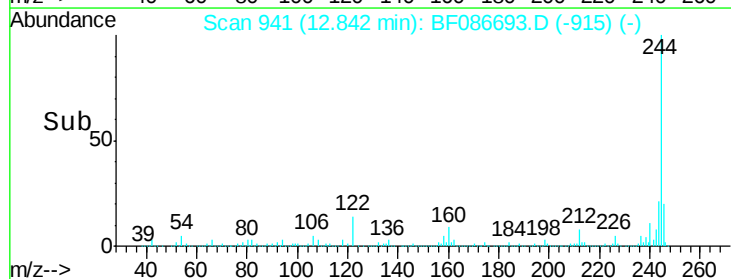
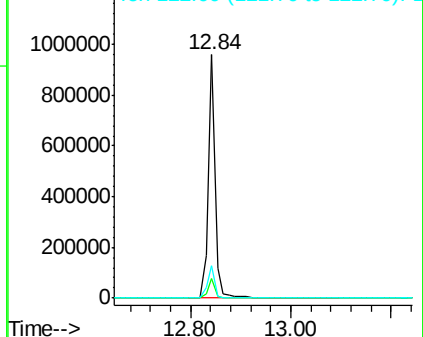
122 13.6 12.0 18.0

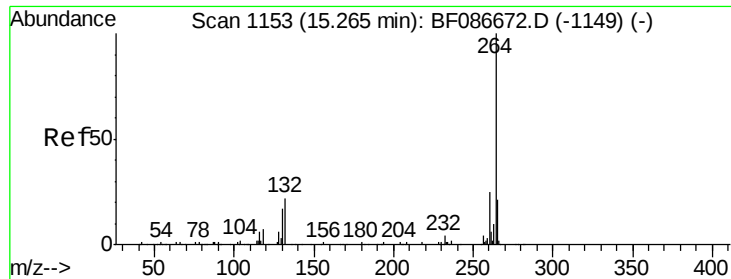


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

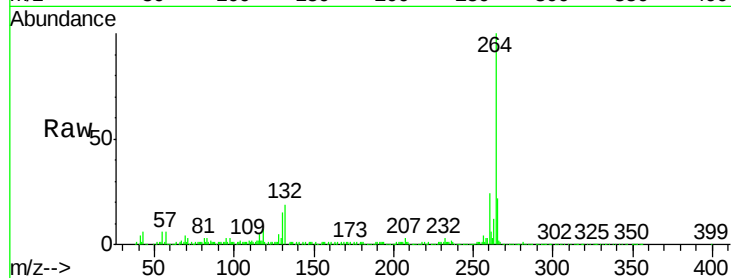




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086693.D
Acq: 4 May 2016 23:02

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-3(12-18FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	17.3	25.9



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

