

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086695.D
 Acq On : 4 May 2016 23:59
 Operator : UM/SJ
 Sample : H2715-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

Quant Time: May 05 01:39:12 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	156606	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	583158	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	255599	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	392191	40.00	ng	0.00
75) Chrysene-d12	13.88	240	318173	40.00	ng	0.00
86) Perylene-d12	15.28	264	256690	40.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1280247	135.34	ng	0.01
7) Phenol-d6	6.38	99	1612846	126.57	ng	0.01
23) Nitrobenzene-d5	7.31	82	1216066	107.16	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	327981	131.17	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1424690	91.37	ng	0.00
78) Terphenyl-d14	12.84	244	893035	56.72	ng	0.00

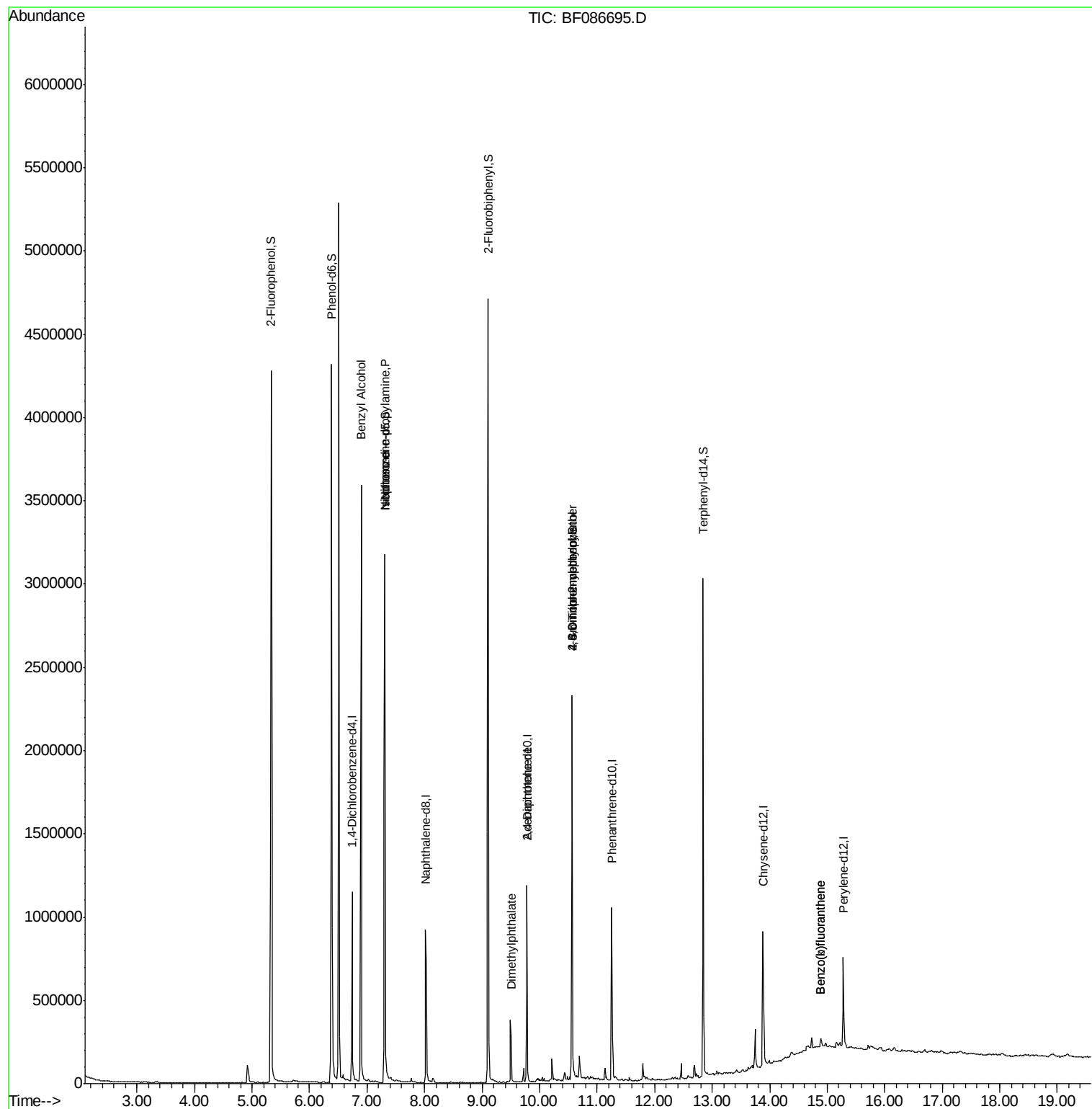
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.90	79	20256	2.46	ng	# 36
19) n-Nitroso-di-n-propylamine	7.31	70	169653	19.49	ng	# 79
25) Isophorone	7.31	82	1156546	54.73	ng	# 68
49) Dimethylphthalate	9.50	163	202779	10.64	ng	# 98
56) 2,4-Dinitrotoluene	9.78	165	32272	6.37	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.57	198	948	5.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	20252	5.20	ng	# 1
87) Benzo(b)fluoranthene	14.89	252	31493	2.04	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	31493	2.17	ng	# 93

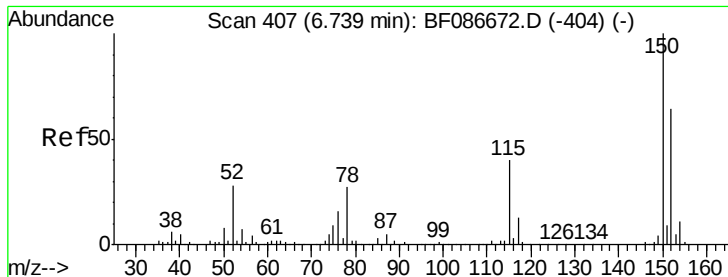
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF086695.D

Acq: 4 May 2016 23:59

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

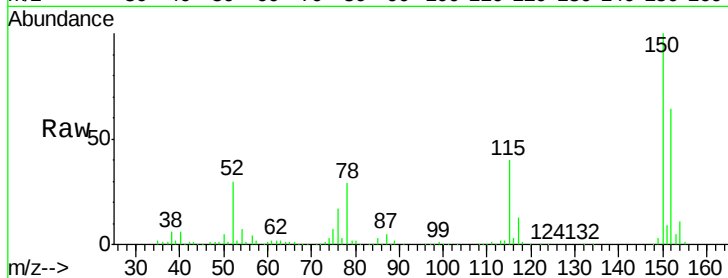
Tgt Ion:152 Resp: 156606

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

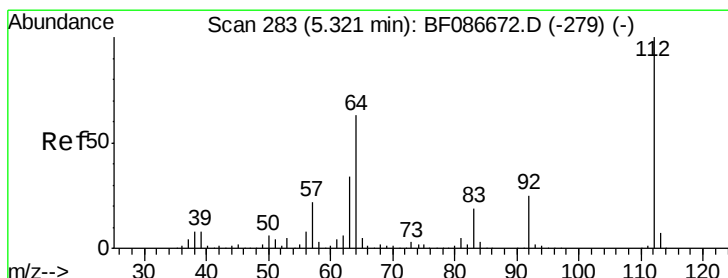
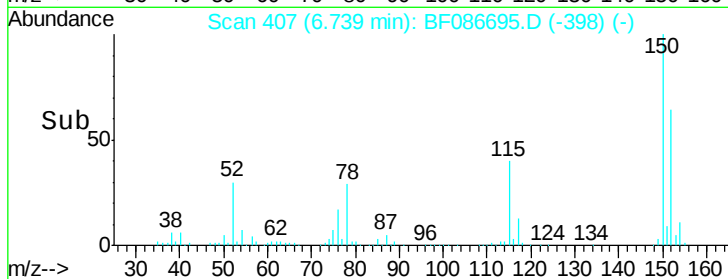
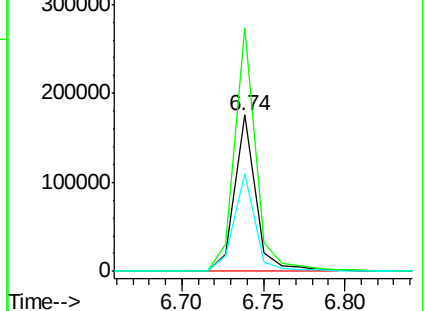
115 62.3 51.5 77.3



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: 135.34 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF086695.D

Acq: 4 May 2016 23:59

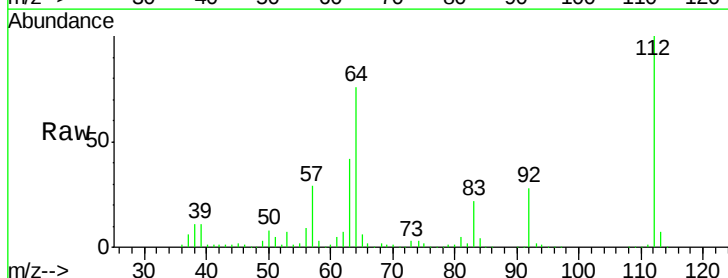
Tgt Ion:112 Resp: 1280247

Ion Ratio Lower Upper

112 100

64 76.3 52.1 78.1

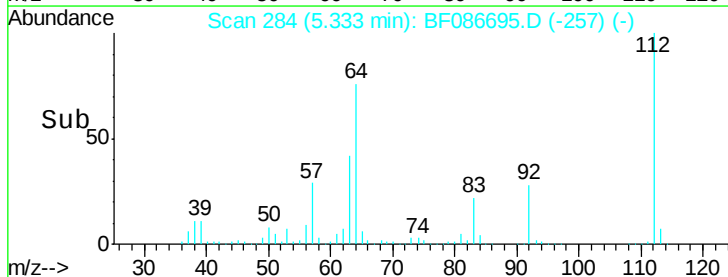
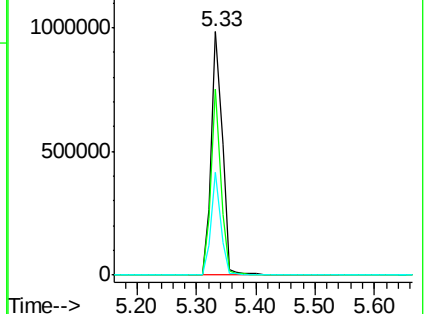
63 42.0 25.7 38.5#

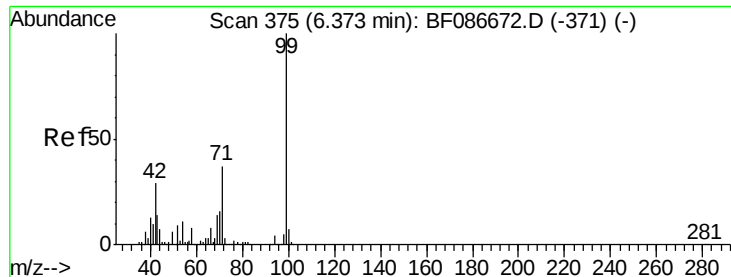


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.57 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086695.D

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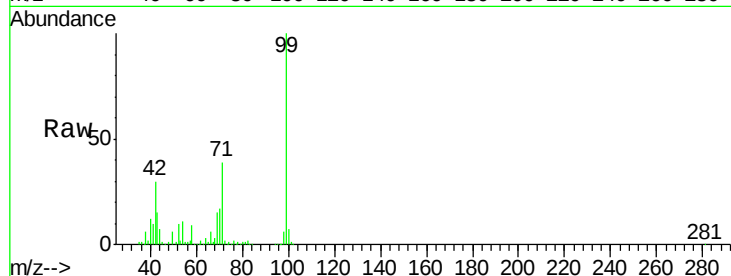
Tgt Ion: 99 Resp: 1612846

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

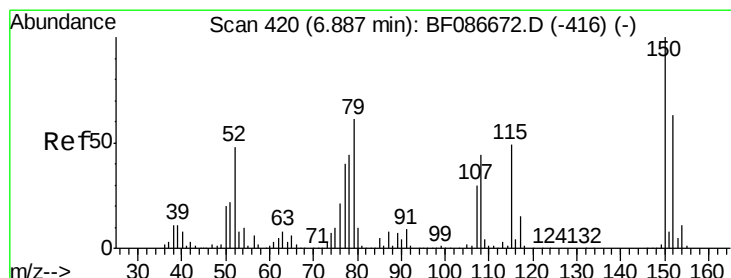
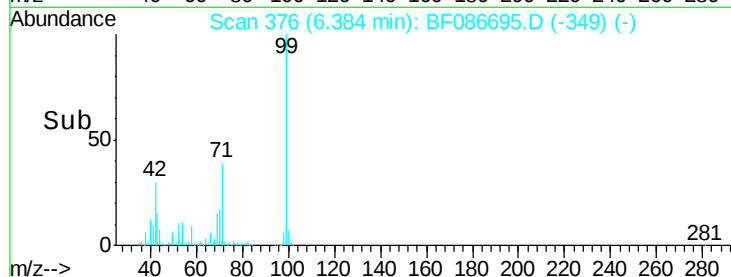
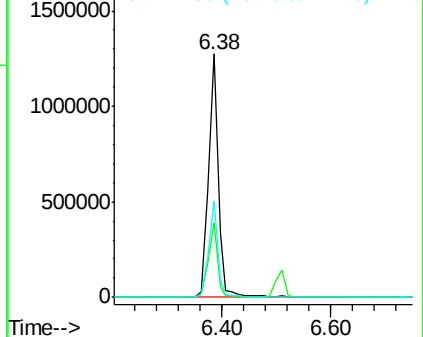
71 39.5 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.46 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF086695.D

Acq: 4 May 2016 23:59

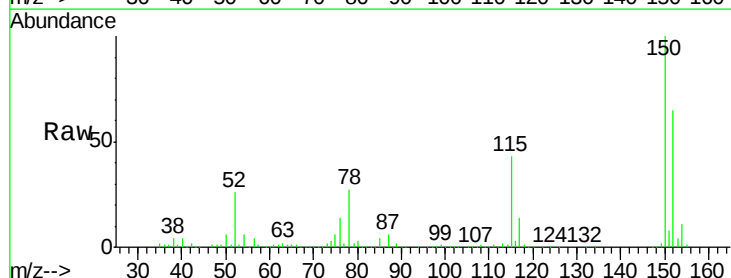
Tgt Ion: 79 Resp: 20256

Ion Ratio Lower Upper

79 100

108 36.8 68.4 102.6#

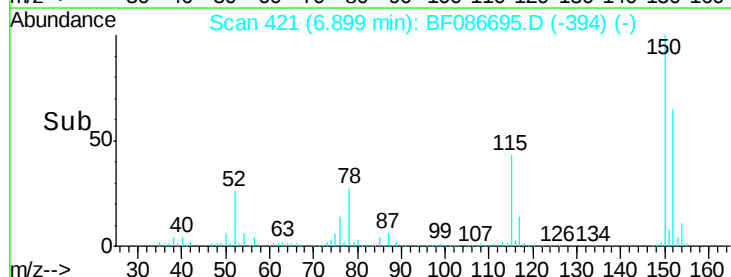
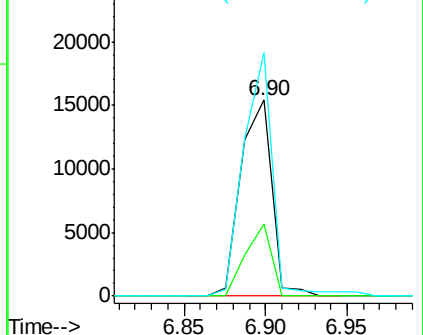
77 124.2 50.6 76.0#

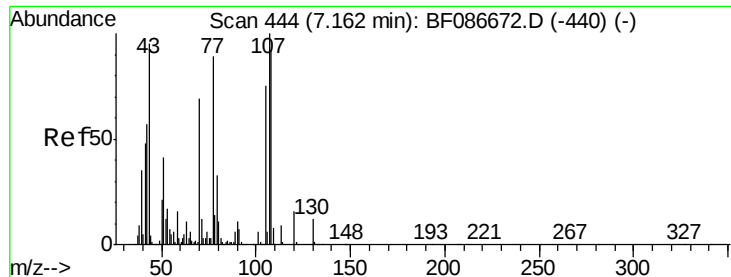


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

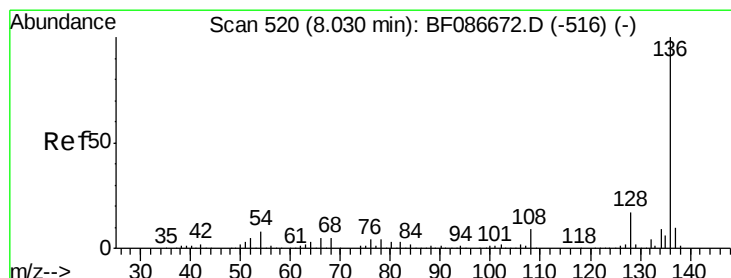
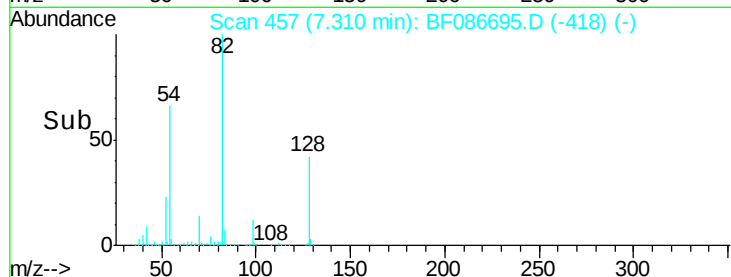
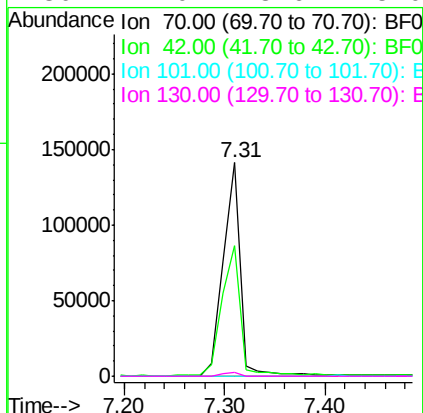
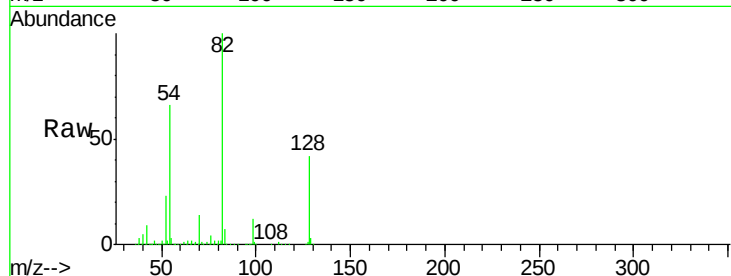




#19
n-Nitroso-di-n-propylamine
Concen: 19.49 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.15 min
Lab File: BF086695.D
Acq: 4 May 2016 23:59

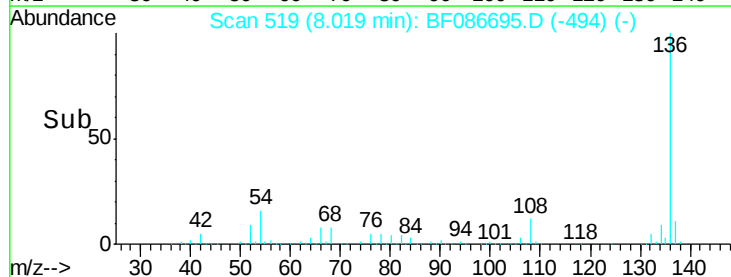
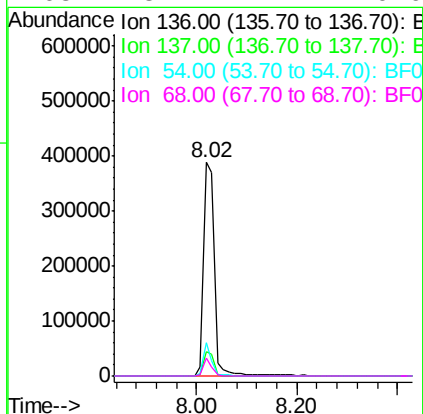
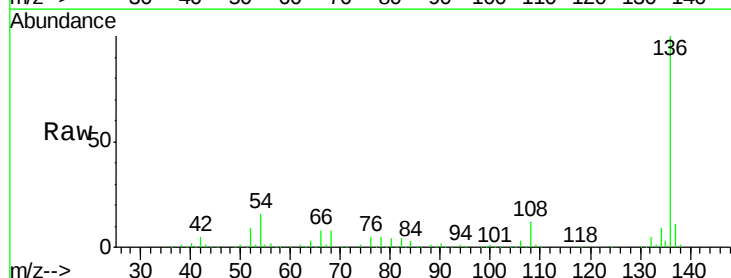
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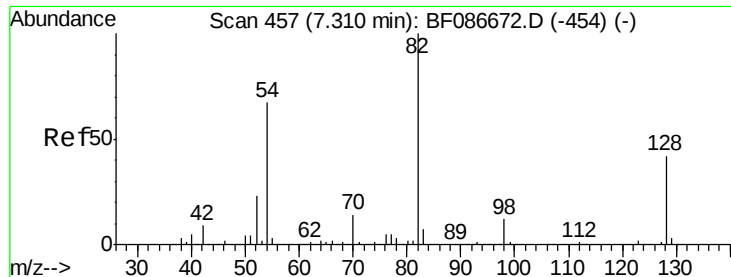
Tgt Ion: 70 Resp: 169653
Ion Ratio Lower Upper
70 100
42 61.2 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086695.D
Acq: 4 May 2016 23:59

Tgt Ion: 136 Resp: 583158
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 15.8 5.0 7.4#
68 8.4 4.4 6.6#

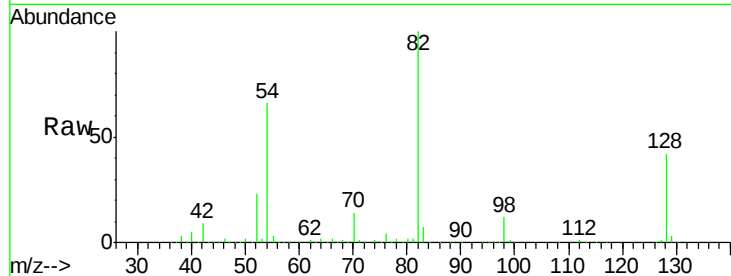




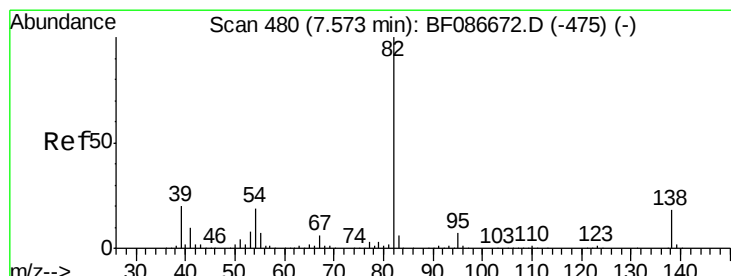
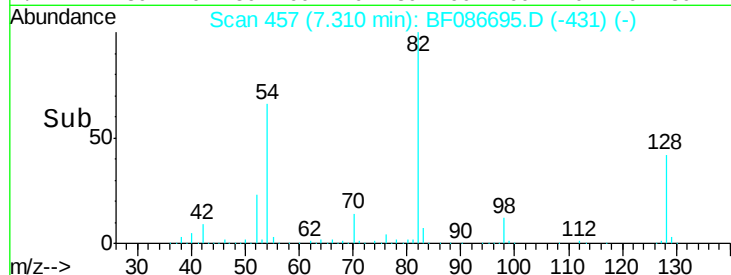
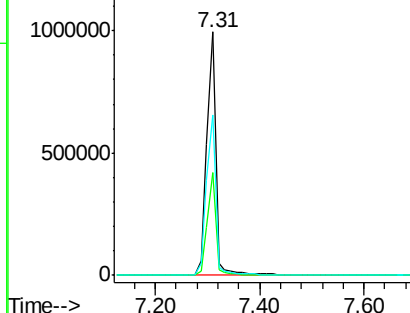
#23
 Nitrobenzene-d5
 Concen: 107.16 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF086695.D
 Acq: 4 May 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

Tgt Ion: 82 Resp: 1216066
 Ion Ratio Lower Upper
 82 100
 128 42.3 40.6 61.0
 54 65.8 38.1 57.1#

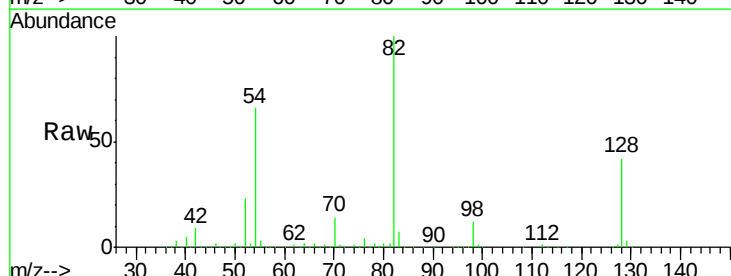


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

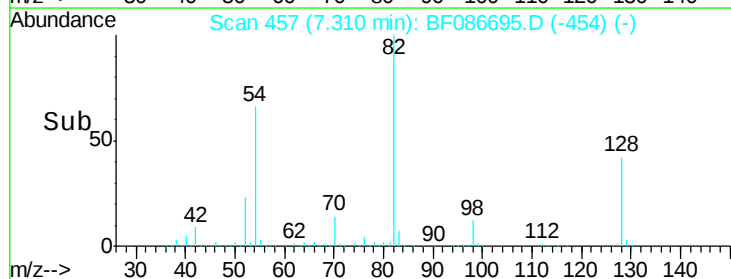
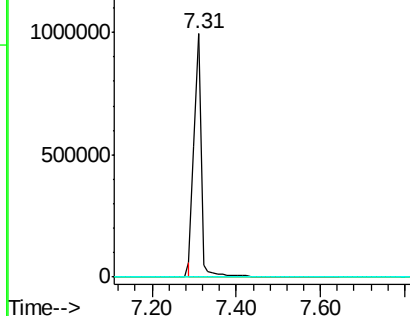


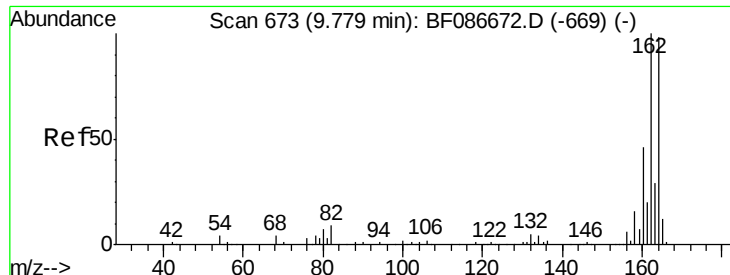
#25
 Isophorone
 Concen: 54.73 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.26 min
 Lab File: BF086695.D
 Acq: 4 May 2016 23:59

Tgt Ion: 82 Resp: 1156546
 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

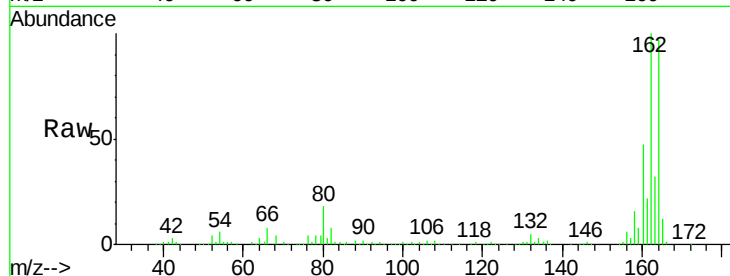




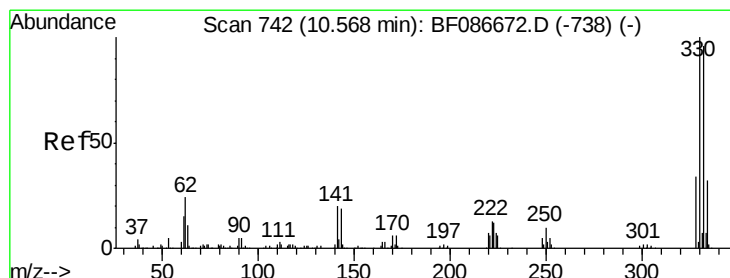
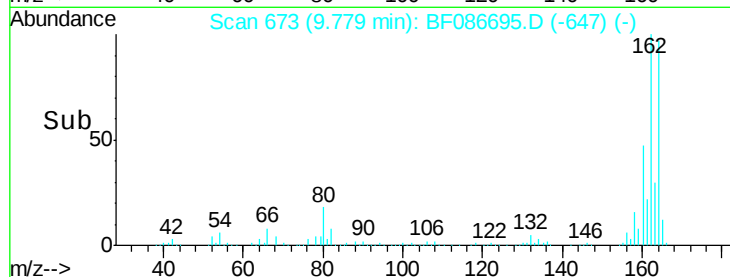
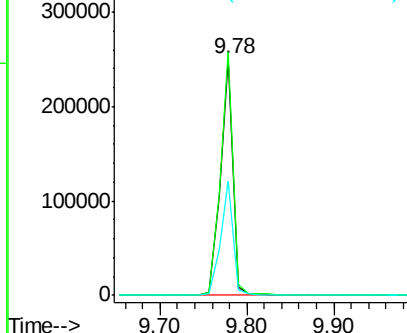
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF086695.D
Acq: 4 May 2016 23:59

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:164 Resp: 255599
Ion Ratio Lower Upper
164 100
162 103.1 82.8 124.2
160 48.3 36.9 55.3

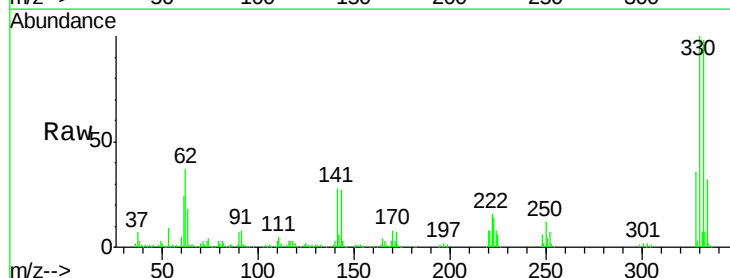


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

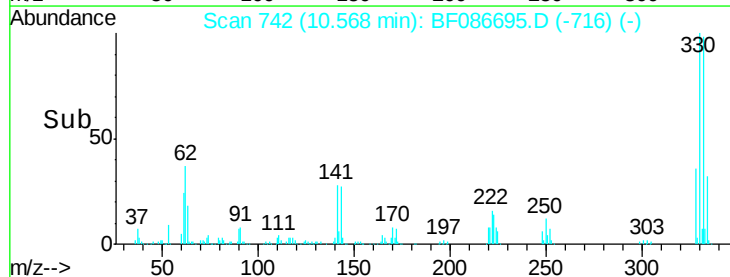
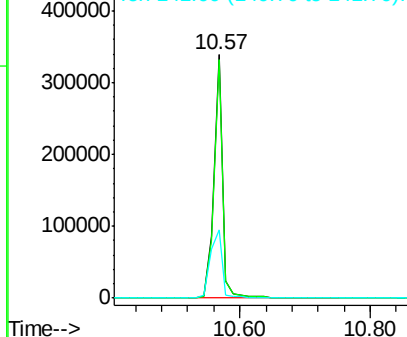


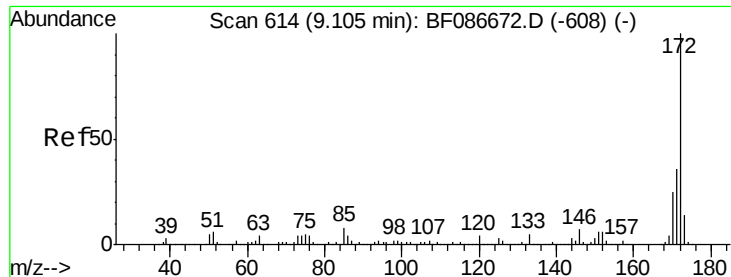
#41
2,4,6-Tribromophenol
Concen: 131.17 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF086695.D
Acq: 4 May 2016 23:59

Tgt Ion:330 Resp: 327981
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 37.6 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

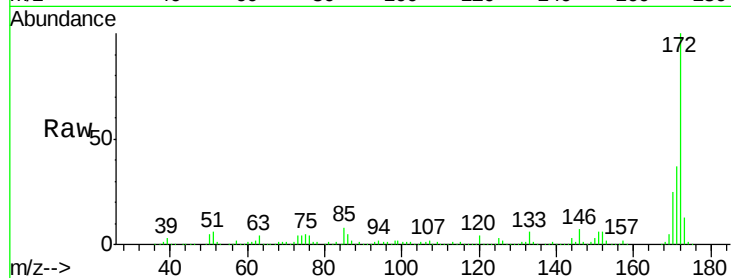




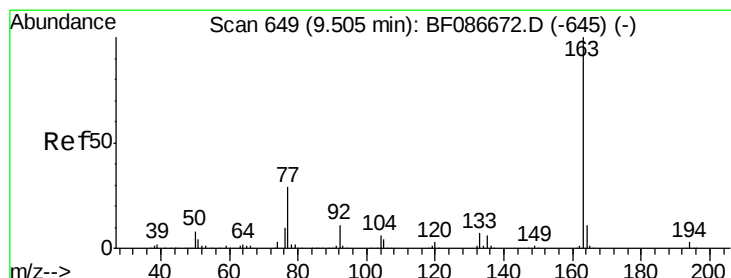
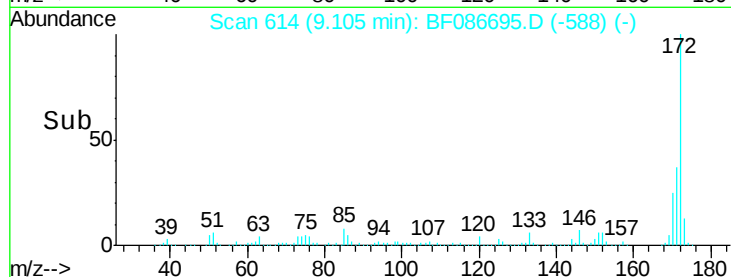
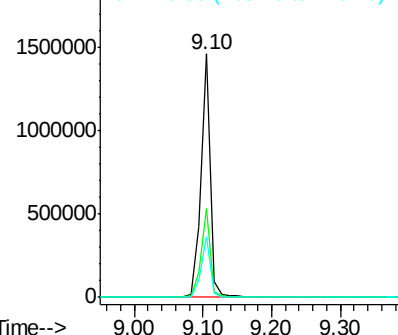
#44
 2-Fluorobiphenyl
 Concen: 91.37 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF086695.D
 Acq: 4 May 2016 23:59

Instrument :
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 26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:172 Resp: 1424690
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.8 19.8 29.8

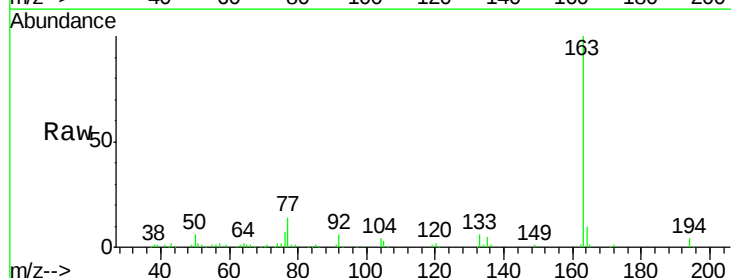


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

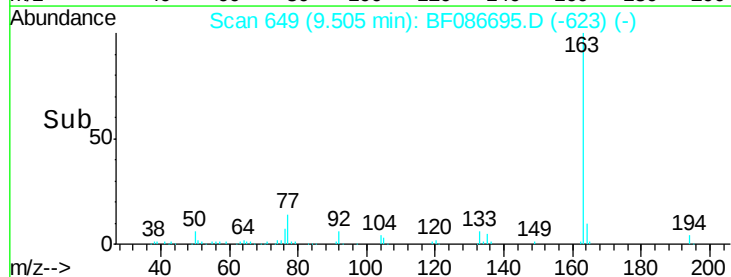
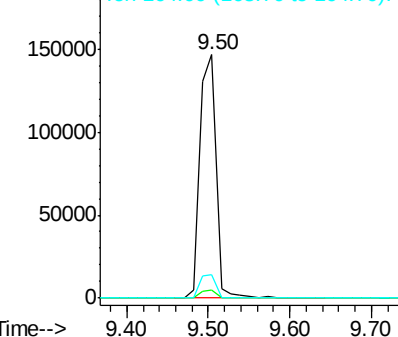


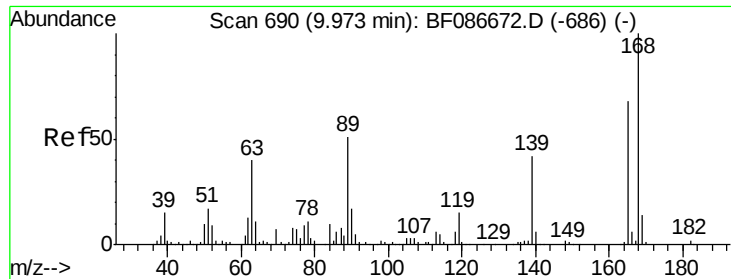
#49
 Dimethylphthalate
 Concen: 10.64 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086695.D
 Acq: 4 May 2016 23:59

Tgt Ion:163 Resp: 202779
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 200000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

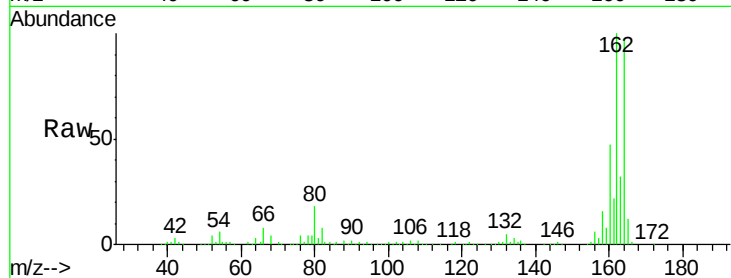




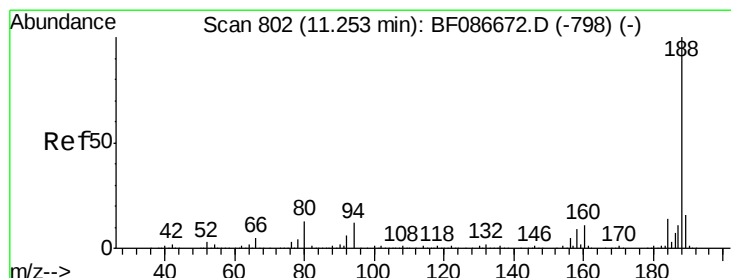
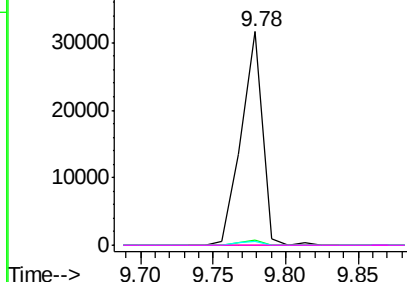
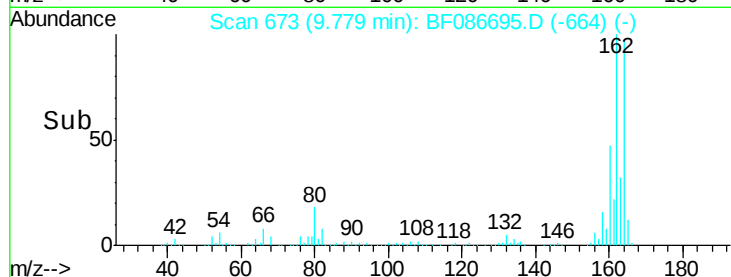
#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.19 min
 Lab File: BF086695.D
 Acq: 4 May 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-2(8-16FTBGS)

Tgt Ion:165 Resp: 32272
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.3 66.5#
 89 2.1 70.0 105.0#
 182 0.0 1.8 2.6#

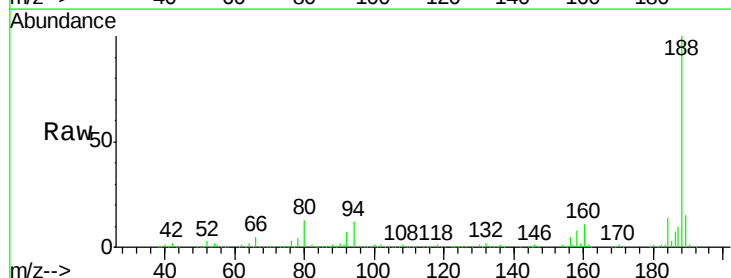


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

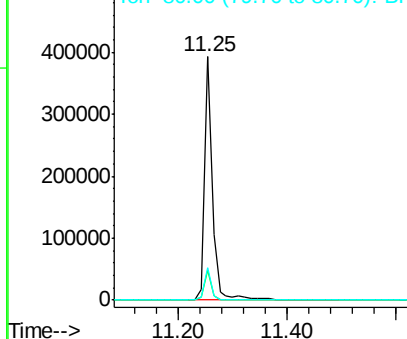
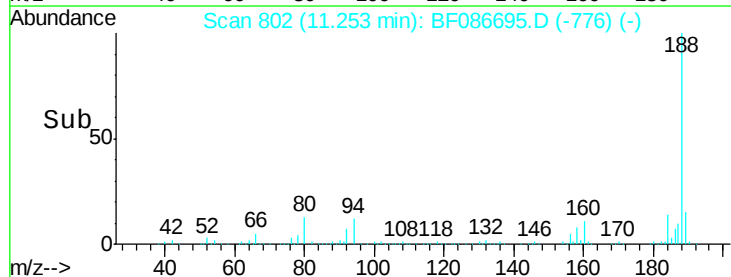


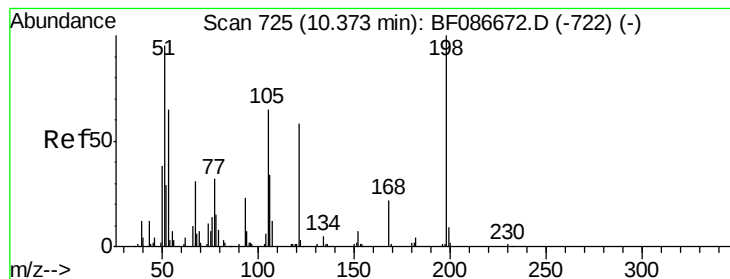
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF086695.D
 Acq: 4 May 2016 23:59

Tgt Ion:188 Resp: 392191
 Ion Ratio Lower Upper
 188 100
 94 12.0 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: 5.76 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.19 min

Lab File: BF086695.D

Acq: 4 May 2016 23:59

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

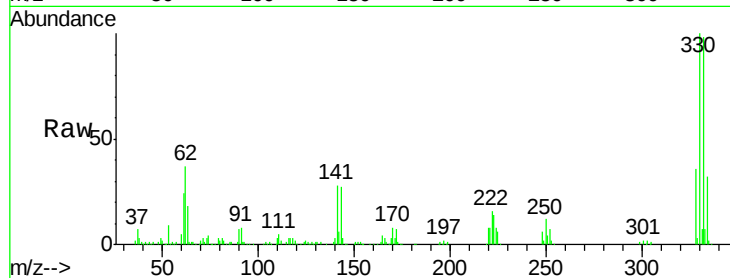
Tgt Ion:198 Resp: 948

Ion Ratio Lower Upper

198 100

51 173.3 20.5 60.5#

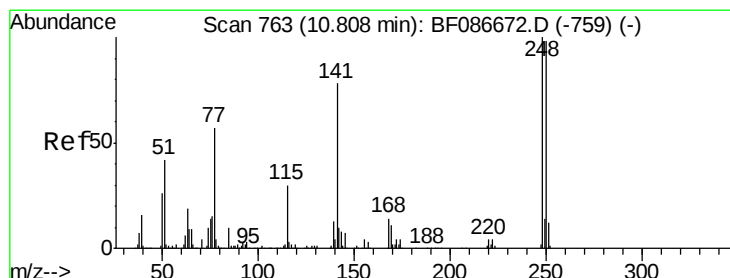
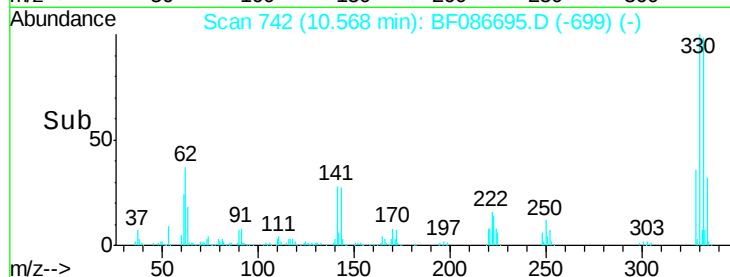
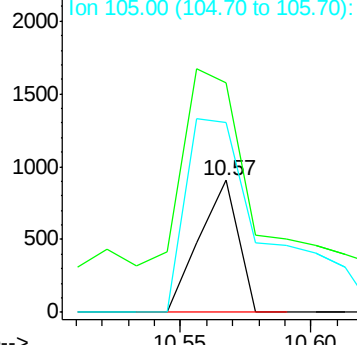
105 143.3 24.5 64.5#



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: 5.20 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF086695.D

Acq: 4 May 2016 23:59

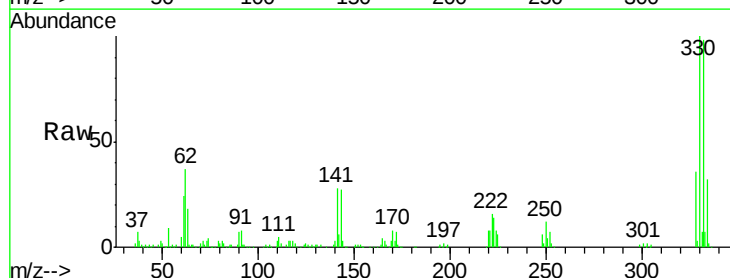
Tgt Ion:248 Resp: 20252

Ion Ratio Lower Upper

248 100

250 201.7 78.6 117.8#

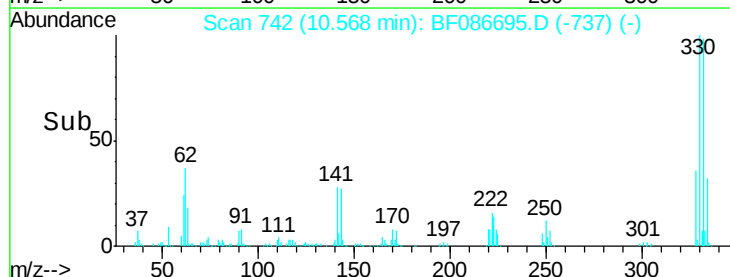
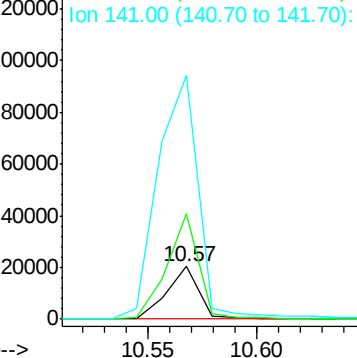
141 464.8 76.0 114.0#

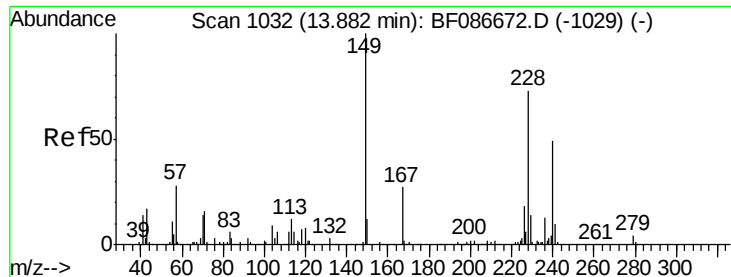


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF086695.D

Acq: 4 May 2016 23:59

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)

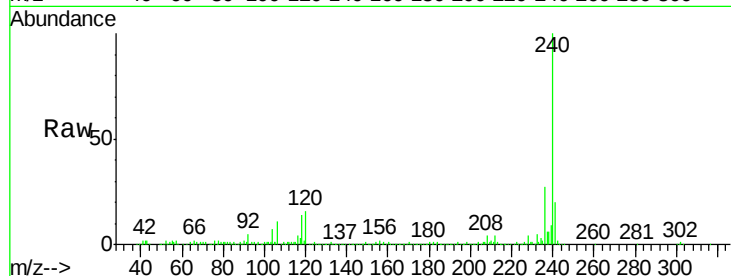
Tgt Ion:240 Resp: 318173

Ion Ratio Lower Upper

240 100

120 16.3 11.2 16.8

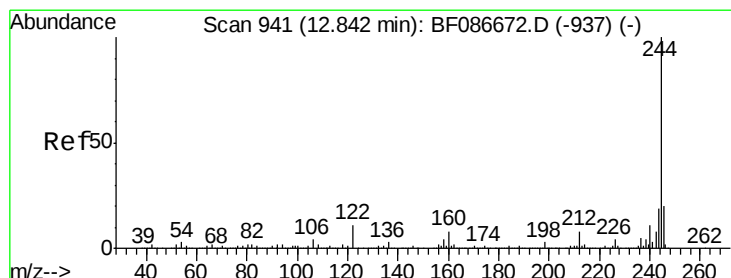
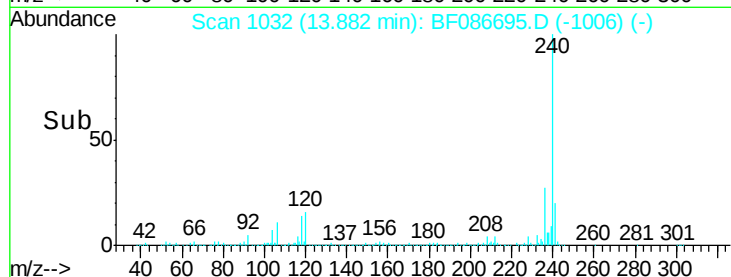
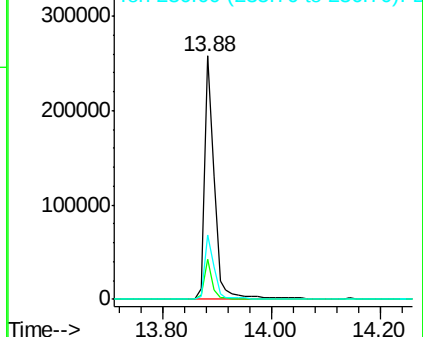
236 26.7 21.2 31.8



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: 56.72 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF086695.D

Acq: 4 May 2016 23:59

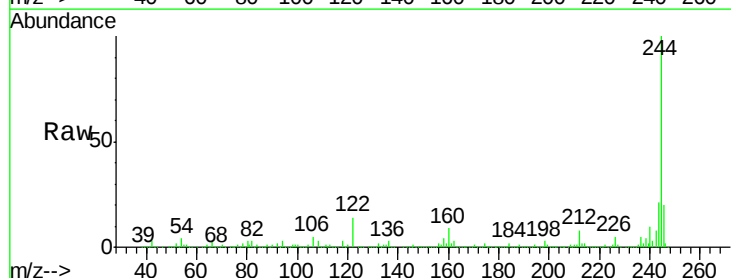
Tgt Ion:244 Resp: 893035

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

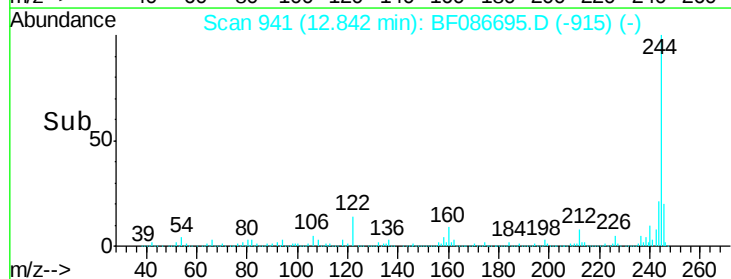
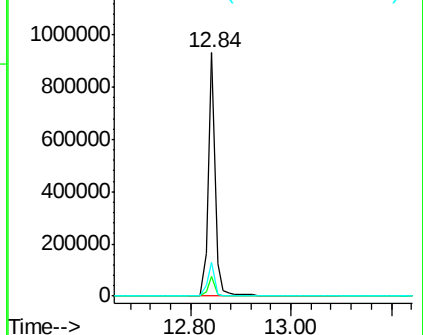
122 13.6 12.0 18.0

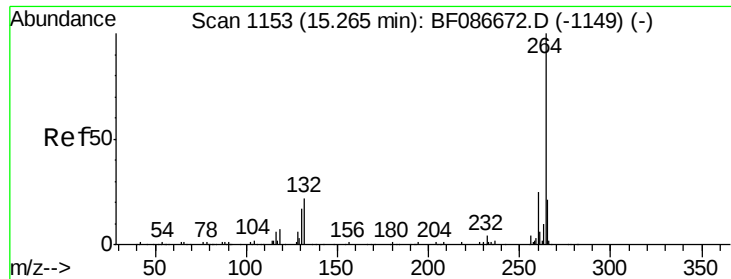


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

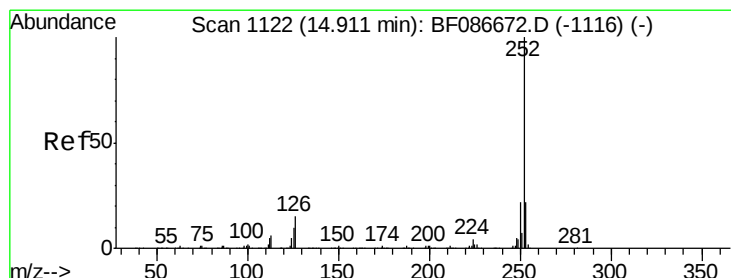
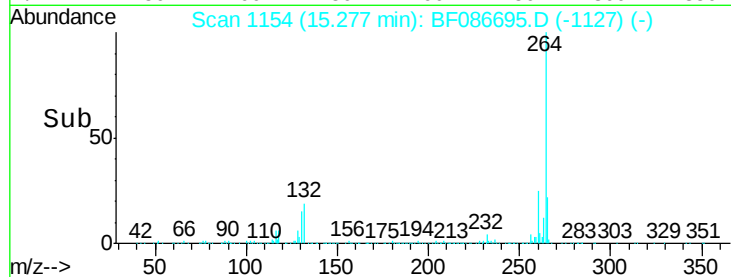
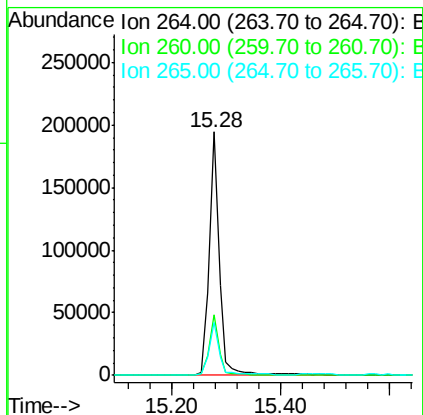
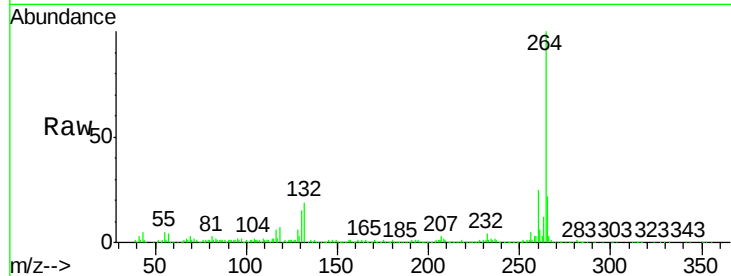




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086695.D
Acq: 4 May 2016 23:59

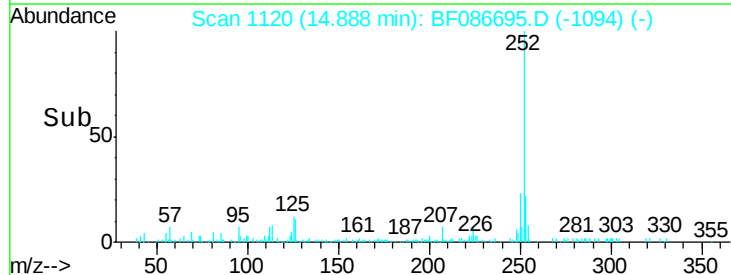
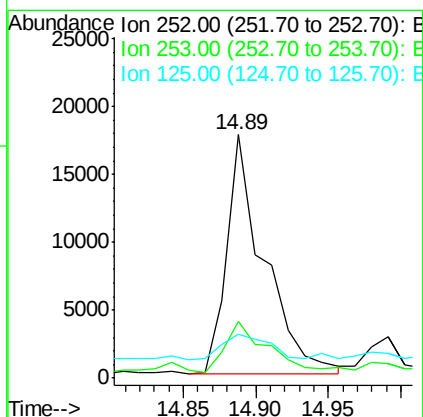
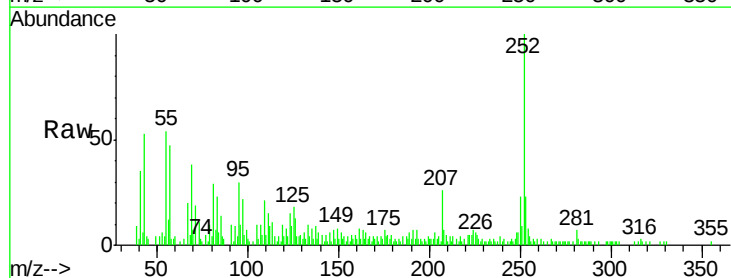
Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-2(8-16FTBGS)

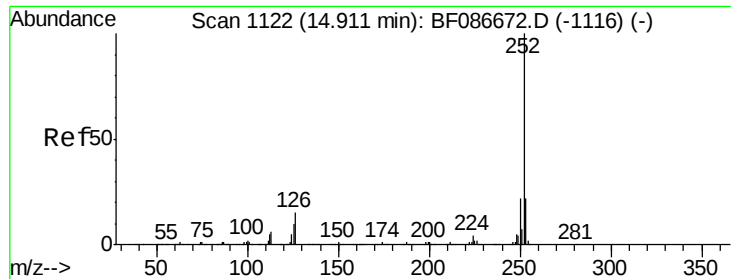
Tgt Ion:264 Resp: 256690
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.9 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF086695.D
Acq: 4 May 2016 23:59

Tgt Ion:252 Resp: 31493
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 18.1 11.4 17.0#





#88

Benzo(k)fluoranthene

Concen: 2.17 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF086695.D

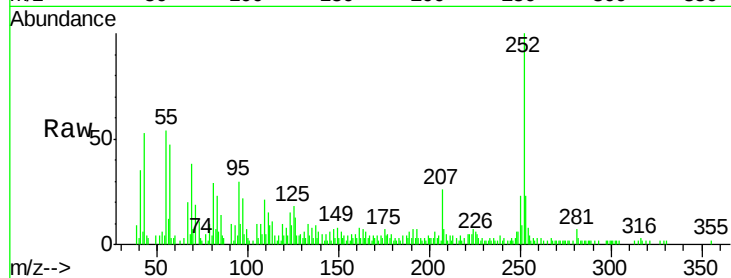
Acq: 4 May 2016 23:59

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-2(8-16FTBGS)



Tgt Ion:	252	Resp:	31493
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	18.1	9.1	13.7

