

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086433.D
 Acq On : 27 Apr 2016 19:35
 Operator : UM/SJ
 Sample : H2724-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Quant Time: Apr 28 00:56:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

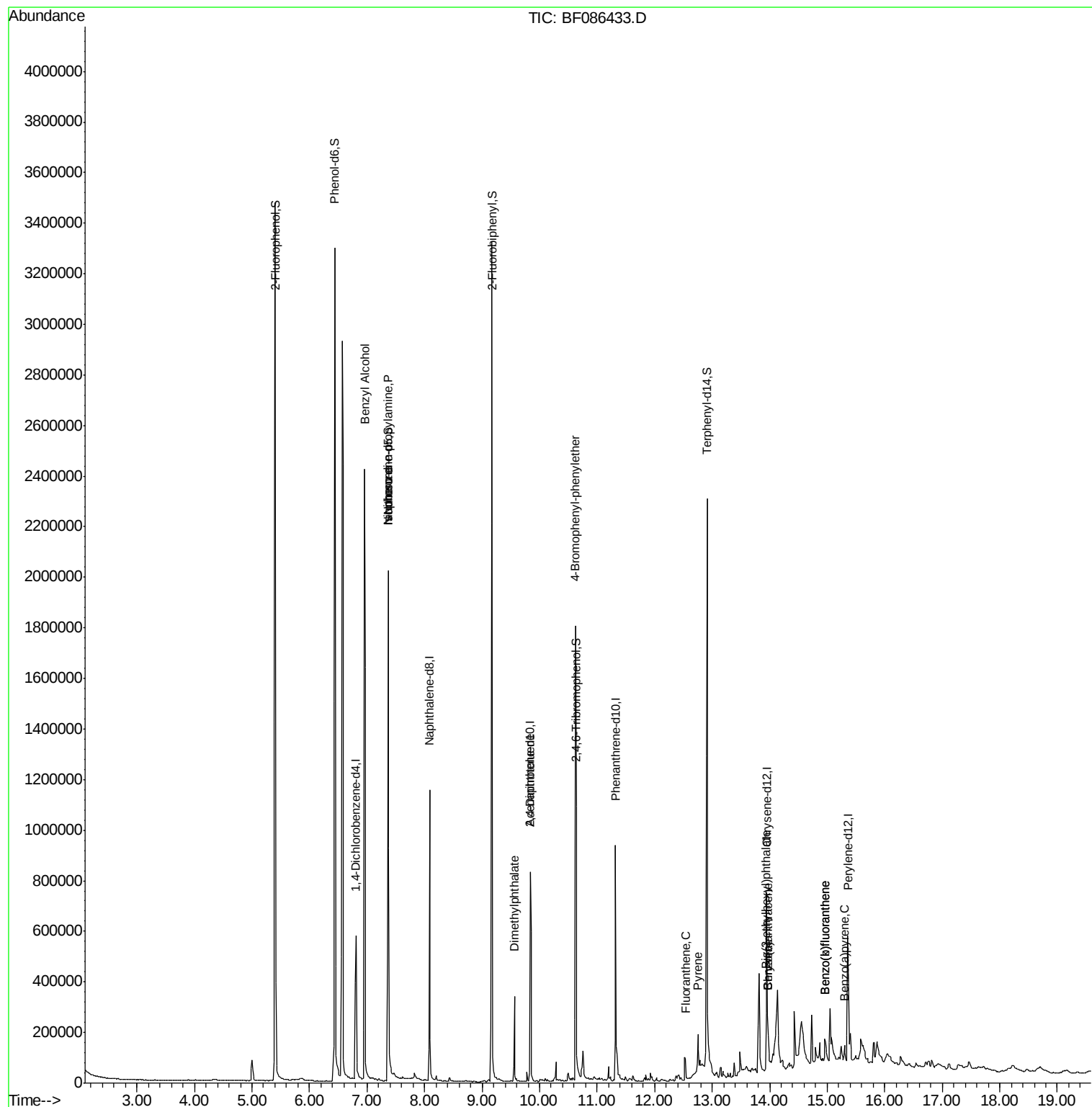
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115163	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	487635	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	208439	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	358291	20.00	ng	0.00
75) Chrysene-d12	13.95	240	245273	20.00	ng	-0.01
86) Perylene-d12	15.36	264	261561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	968372	145.04	ng	0.01
7) Phenol-d6	6.44	99	1268172	136.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	843723	93.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	297623	135.40	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1360030	125.50	ng	0.00
78) Terphenyl-d14	12.91	244	840256	75.47	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	14175	2.40	ng	# 41
19) n-Nitroso-di-n-propylamine	7.37	70	112692	18.30	ng	# 73
25) Isophorone	7.37	82	702929	40.37	ng	# 68
49) Dimethylphthalate	9.56	163	131530	8.38	ng	99
56) 2,4-Dinitrotoluene	9.84	165	26721	6.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.62	248	16454	4.46	ng	# 1
74) Fluoranthene	12.53	202	62323	3.28	ng	92
77) Pyrene	12.75	202	76482	4.33	ng	96
80) Benzo(a)anthracene	13.97	228	72654	5.56	ng	94
82) Chrysene	13.97	228	72654	5.11	ng	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	24436	2.57	ng	# 96
87) Benzo(b)fluoranthene	14.96	252	65770	4.27	ng	# 95
88) Benzo(k)fluoranthene	14.96	252	65770	4.10	ng	# 92
89) Benzo(a)pyrene	15.30	252	34907	2.40	ng	# 96

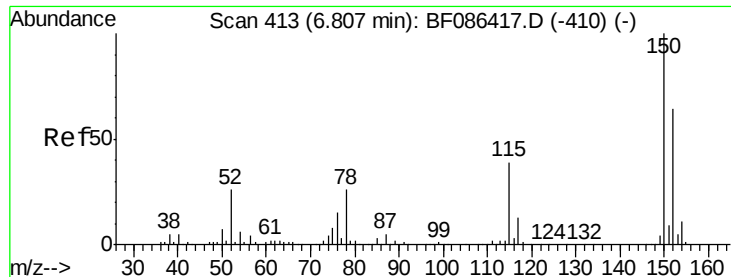
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TH-B1(0-5)-C

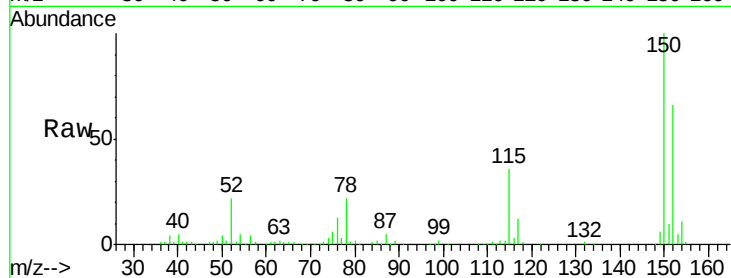
Tgt Ion:152 Resp: 115163

Ion Ratio Lower Upper

152 100

150 151.9 125.8 188.6

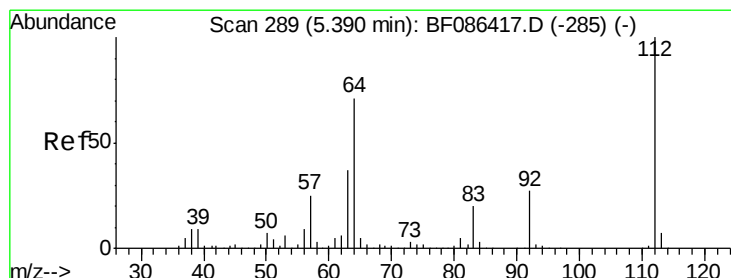
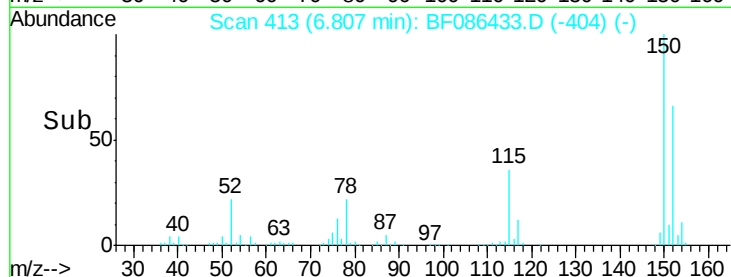
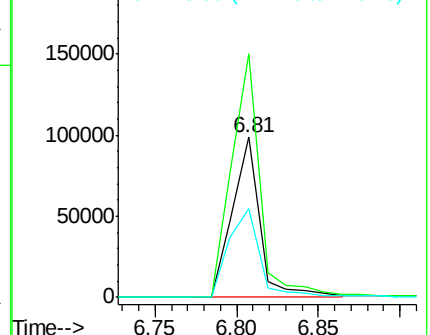
115 55.1 51.5 77.3



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: 145.04 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

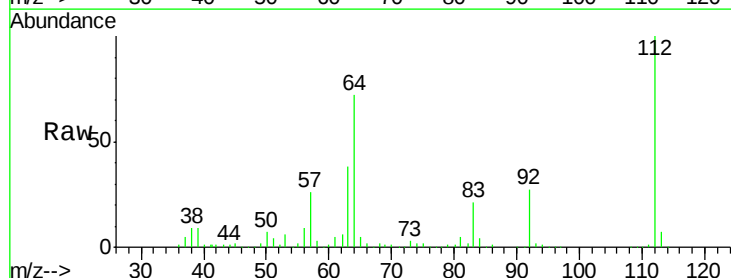
Tgt Ion:112 Resp: 968372

Ion Ratio Lower Upper

112 100

64 72.0 52.1 78.1

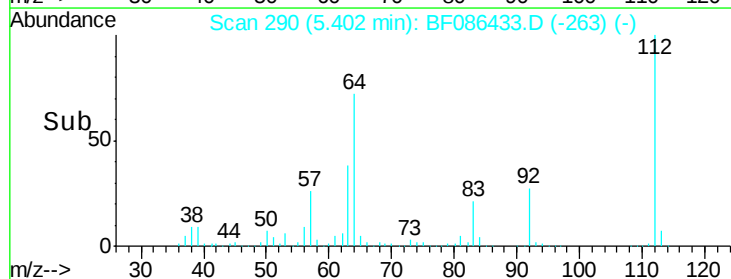
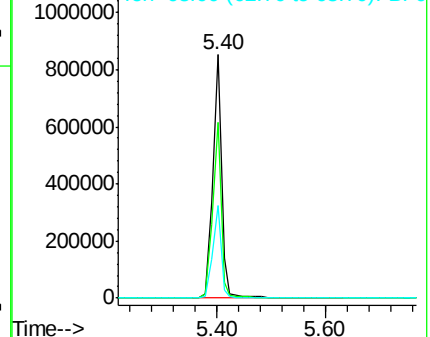
63 38.0 25.7 38.5

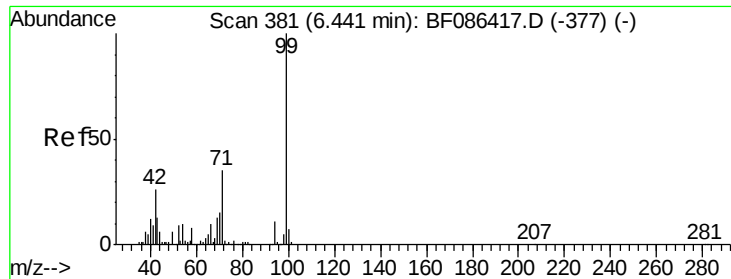


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.09 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

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TH-B1(0-5)-C

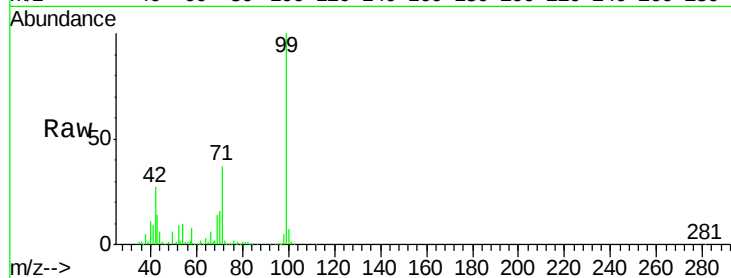
Tgt Ion: 99 Resp: 1268172

Ion Ratio Lower Upper

99 100

42 27.2 13.6 20.4#

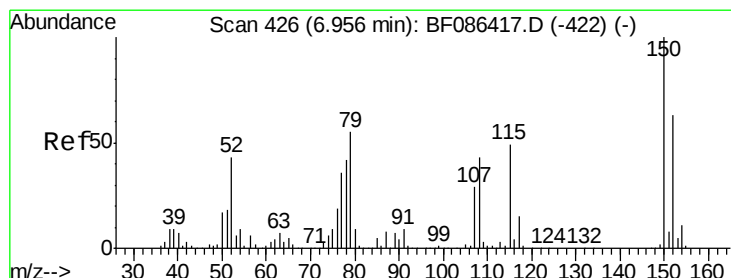
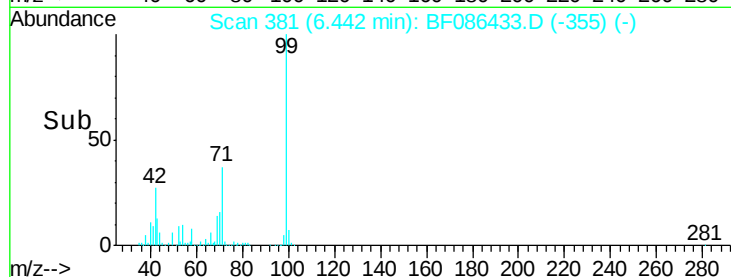
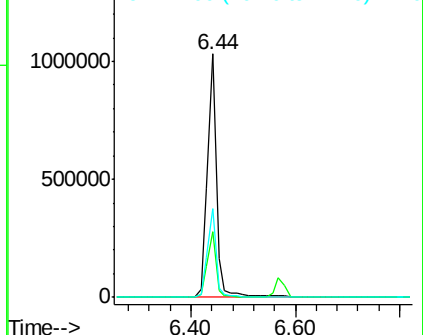
71 36.6 24.6 36.8



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: 2.40 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

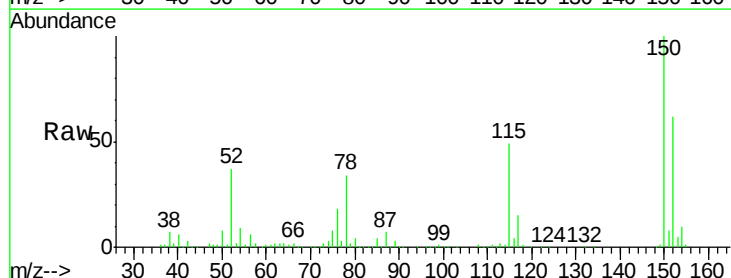
Tgt Ion: 79 Resp: 14175

Ion Ratio Lower Upper

79 100

108 28.5 68.4 102.6#

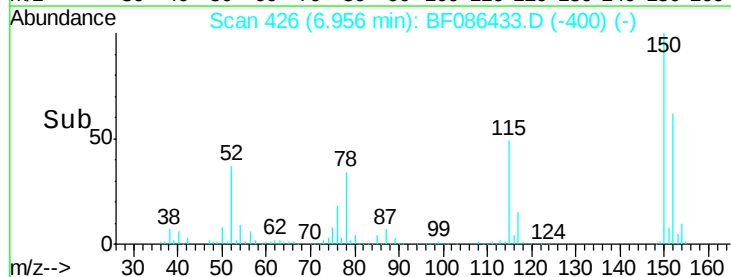
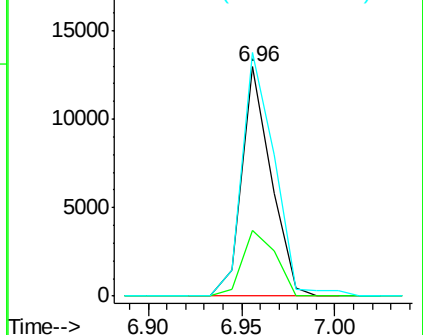
77 106.3 50.6 76.0#

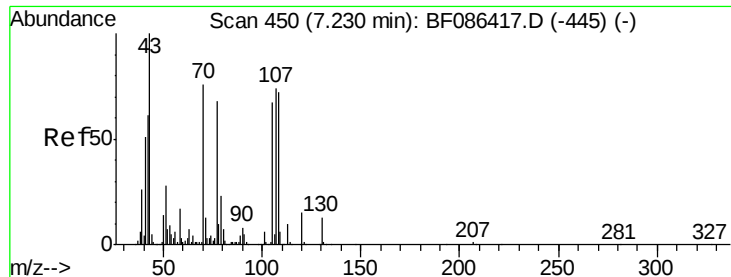


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

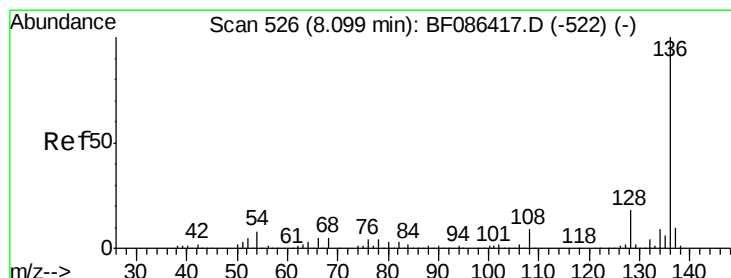
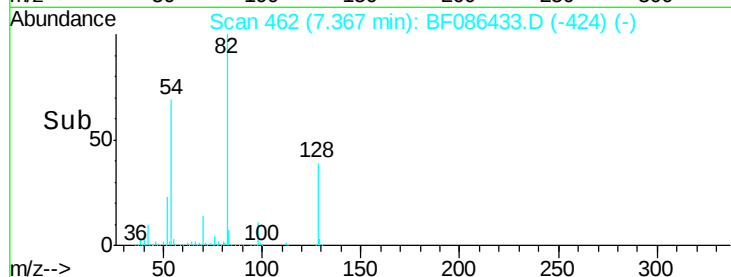
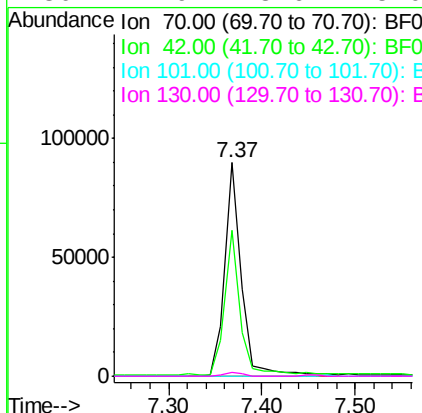
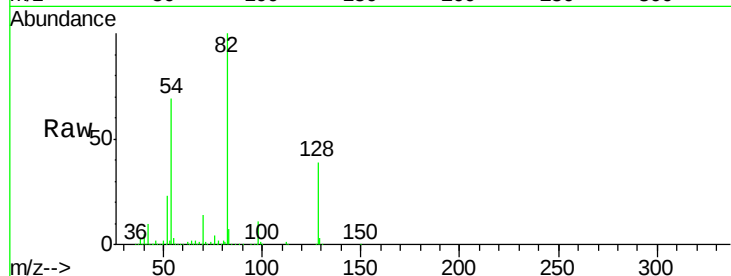




#19
n-Nitroso-di-n-propylamine
Concen: 18.30 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

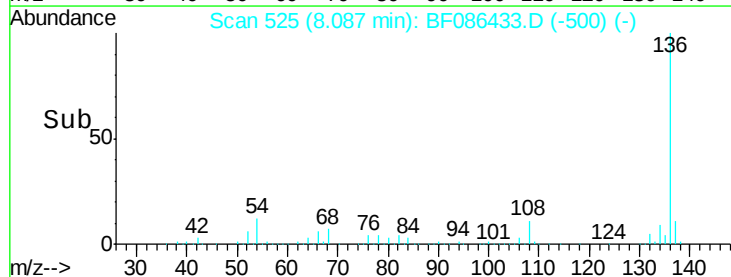
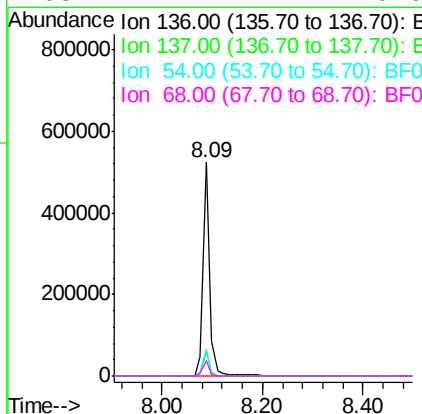
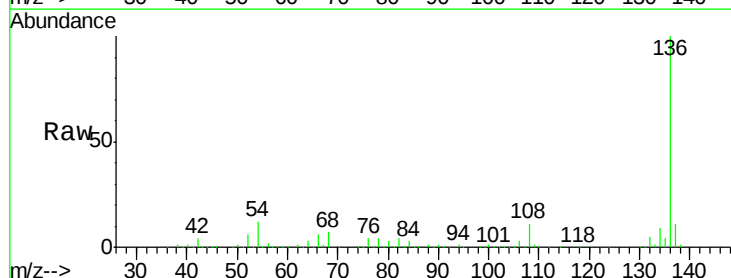
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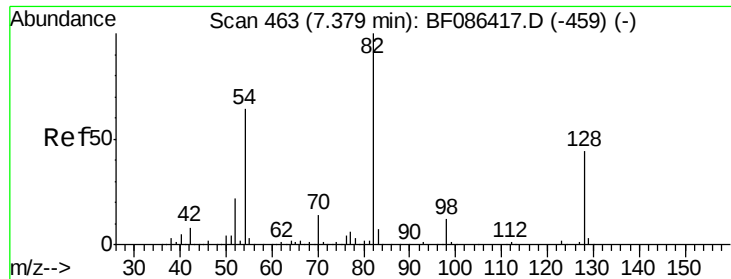
Tgt Ion: 70 Resp: 112692
Ion Ratio Lower Upper
70 100
42 68.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion: 136 Resp: 487635
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.4 5.0 7.4#
68 7.4 4.4 6.6#

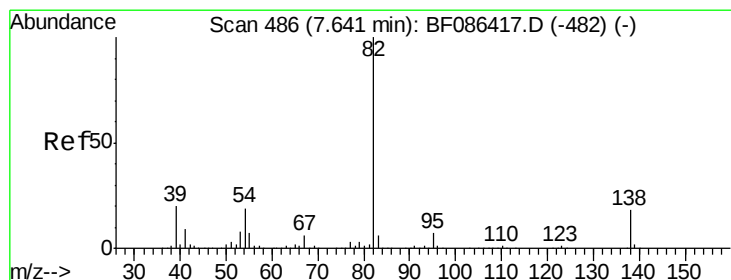
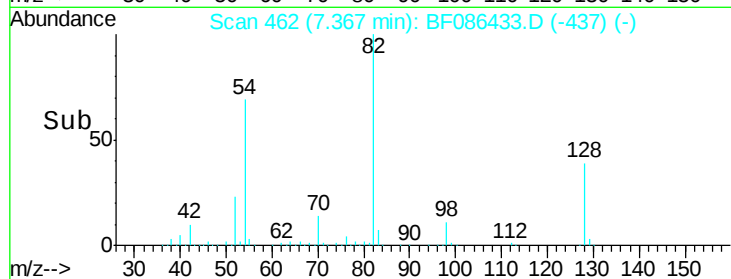
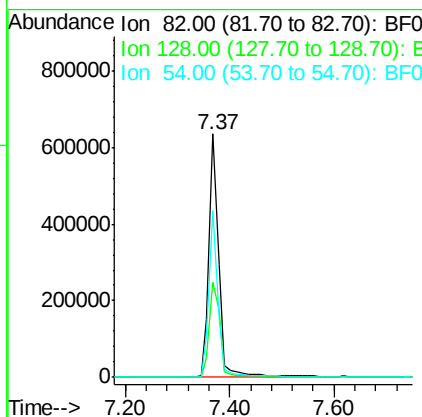
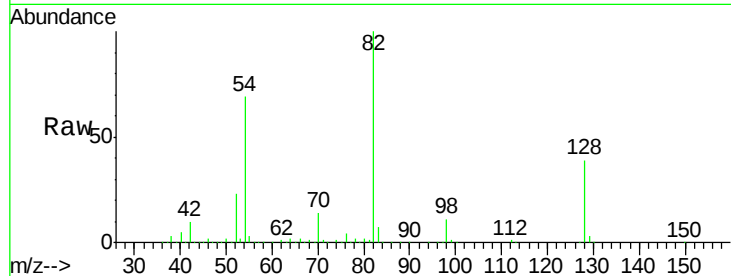




#23
 Nitrobenzene-d5
 Concen: 93.26 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

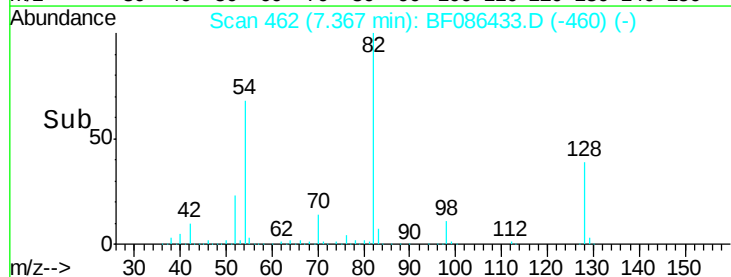
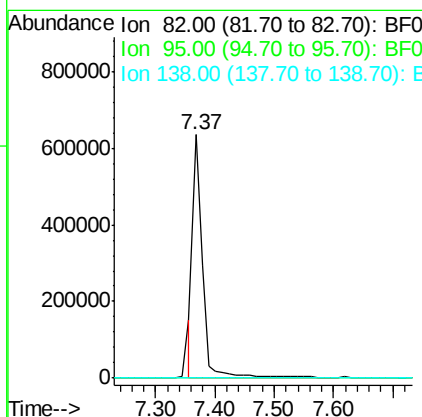
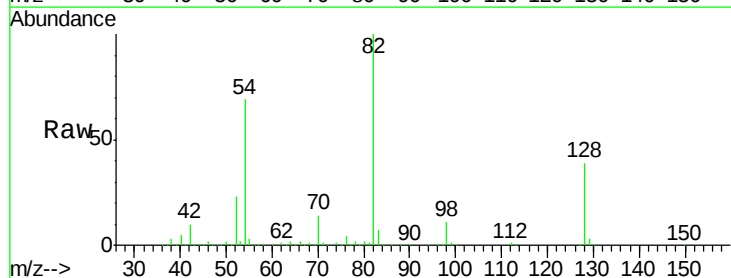
Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

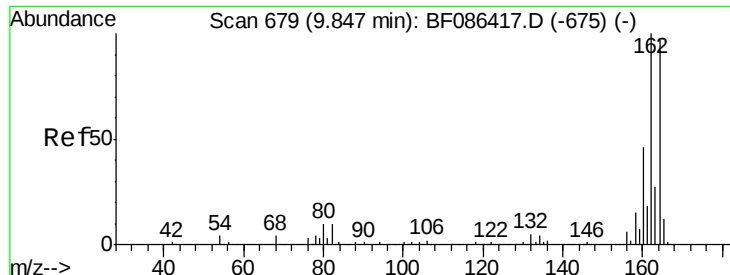
Tgt Ion: 82 Resp: 843723
 Ion Ratio Lower Upper
 82 100
 128 39.0 40.6 61.0#
 54 68.5 38.1 57.1#



#25
 Isophorone
 Concen: 40.37 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion: 82 Resp: 702929
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

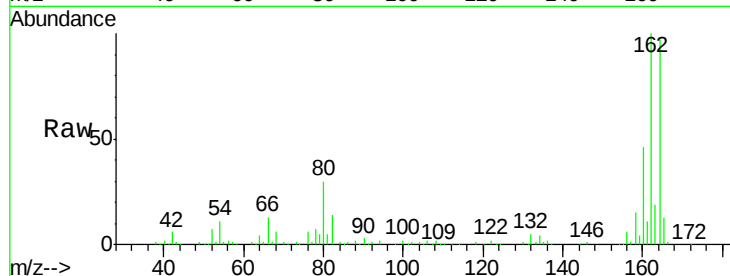




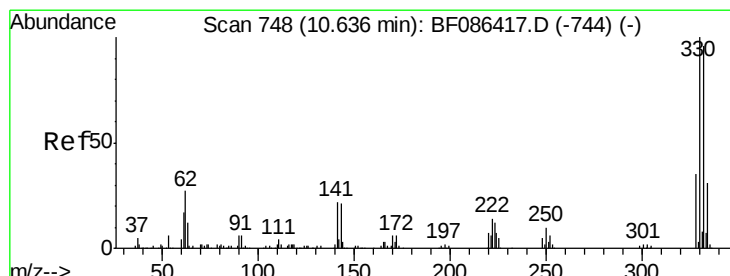
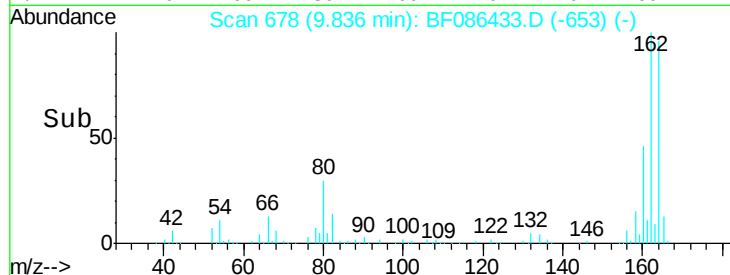
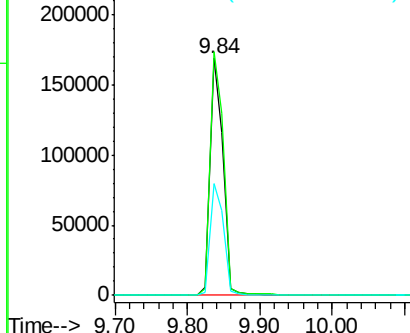
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Tgt Ion:164 Resp: 208439
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 47.1 36.9 55.3

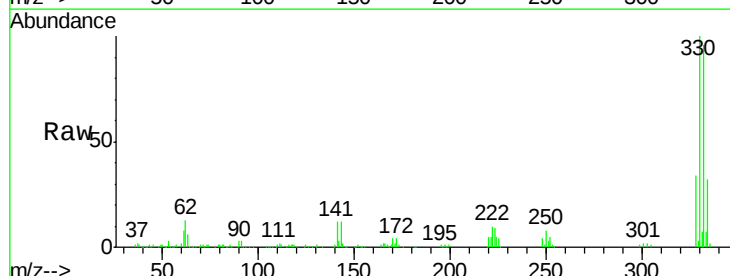


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

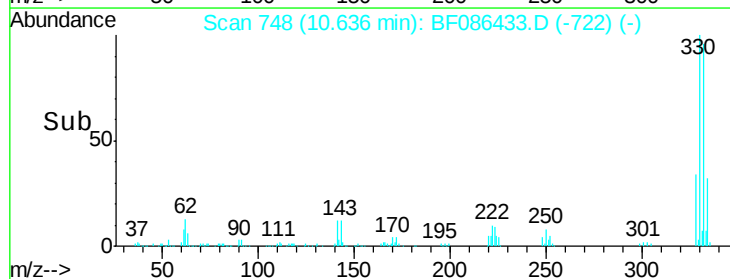
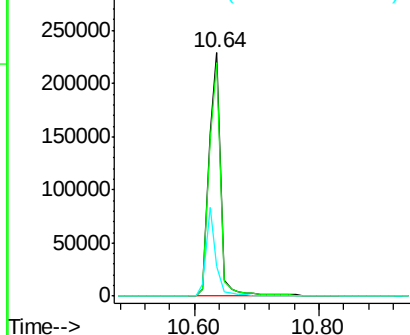


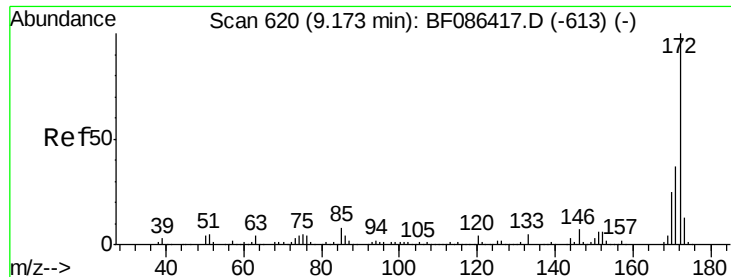
#41
 2,4,6-Tribromophenol
 Concen: 135.40 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion:330 Resp: 297623
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 31.1 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

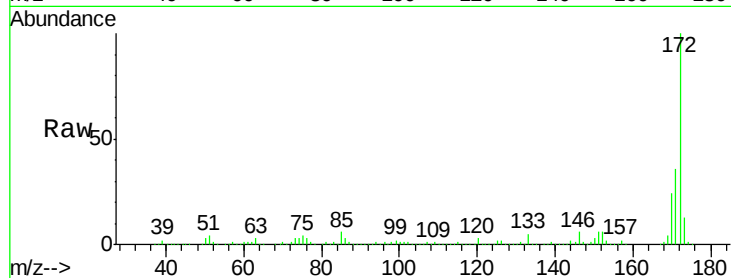




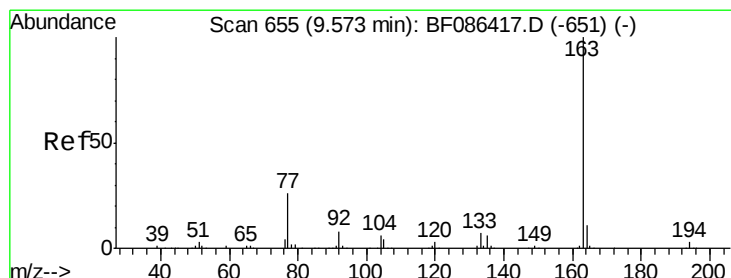
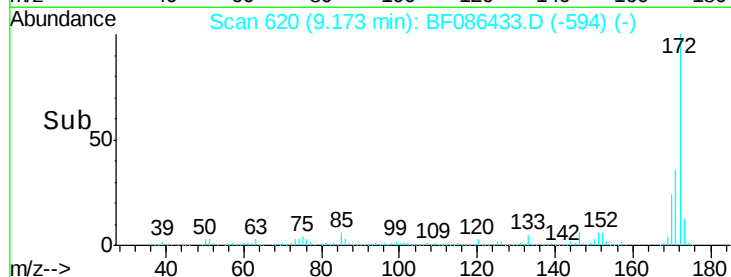
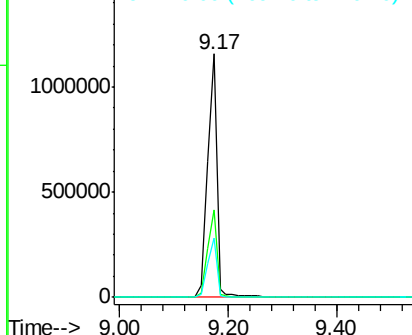
#44
 2-Fluorobiphenyl
 Concen: 125.50 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
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 ClientSampleId :
 TH-B1(0-5)-C

Tgt Ion:172 Resp: 1360030
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.2 19.8 29.8

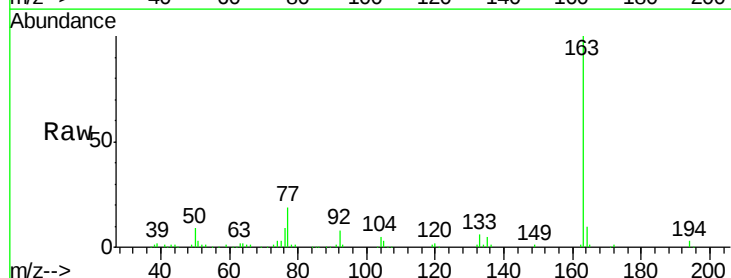


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

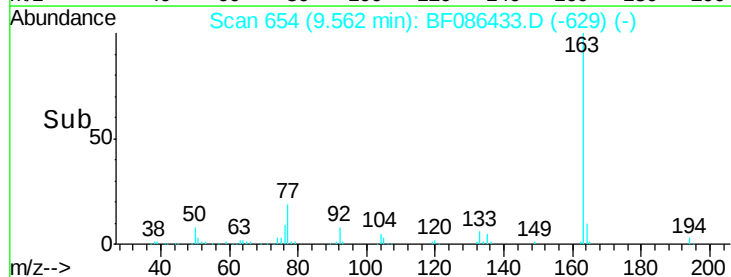
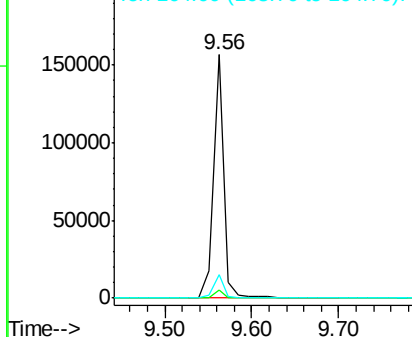


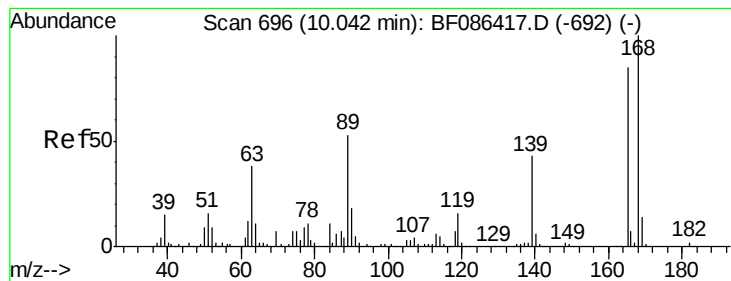
#49
 Dimethylphthalate
 Concen: 8.38 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion:163 Resp: 131530
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.7 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

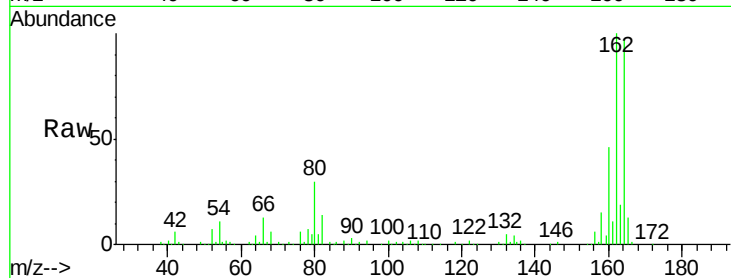




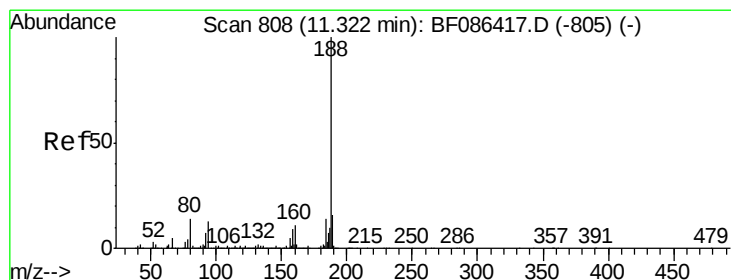
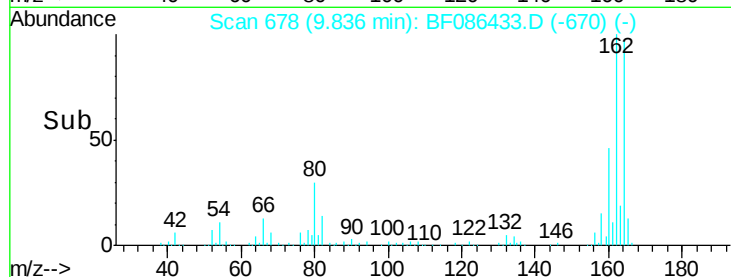
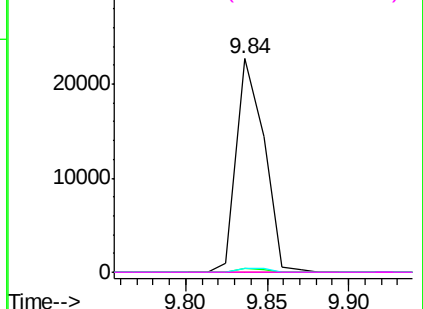
#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
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 TH-B1(0-5)-C

Tgt Ion:165 Resp: 26721
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#

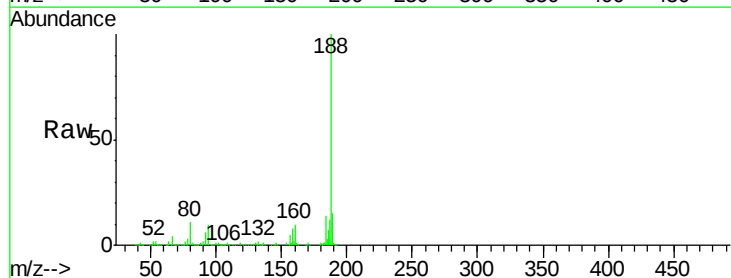


Abundance Ion 165.00 (164.70 to 165.70): E

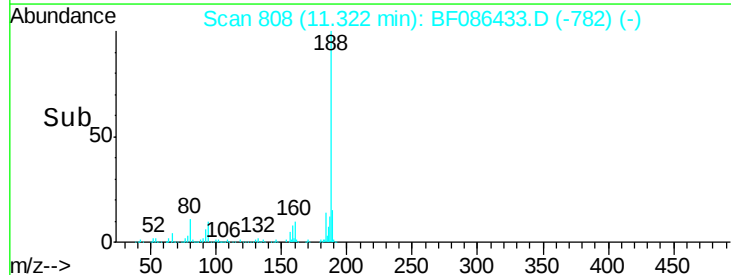
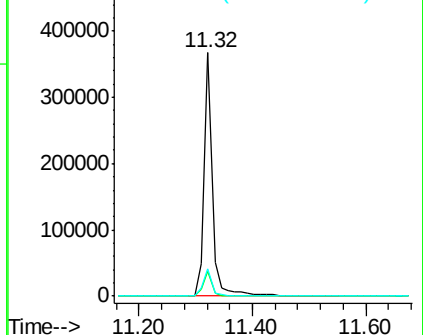


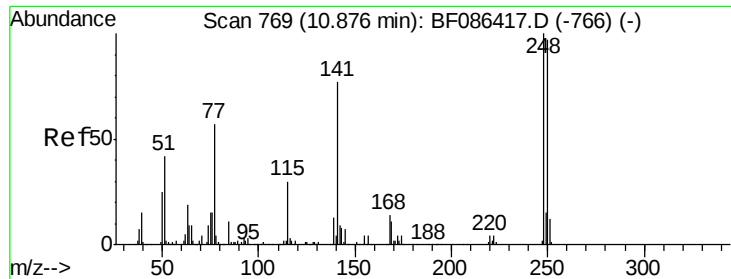
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion:188 Resp: 358291
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.8 10.2#
 80 11.4 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

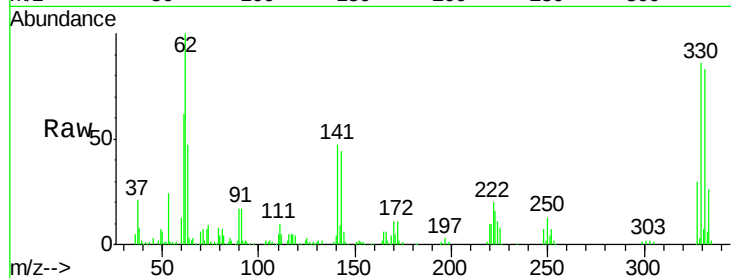




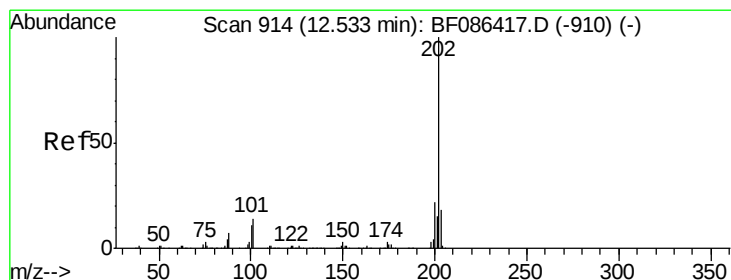
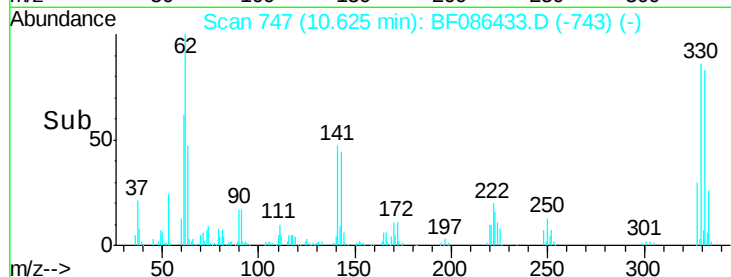
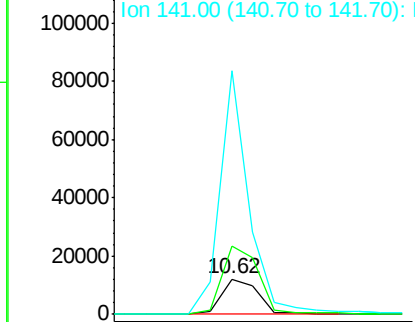
#66
 4-Bromophenyl-phenylether
 Concen: 4.46 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.25 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 TH-B1(0-5)-C

Tgt Ion:248 Resp: 16454
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.6 117.8#
 141 686.0 76.0 114.0#

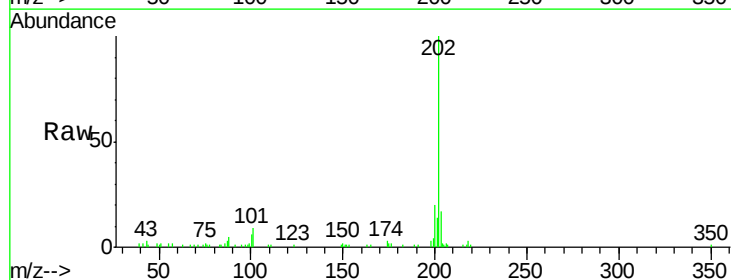


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

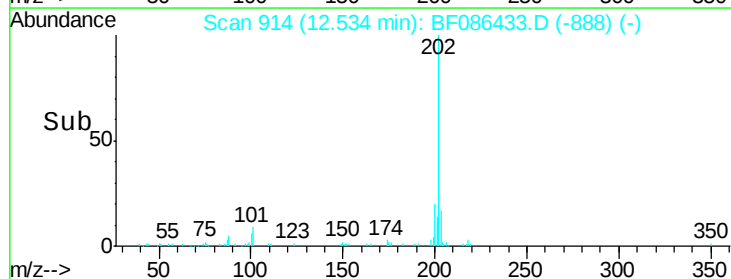
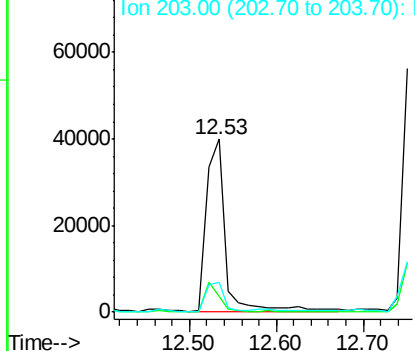


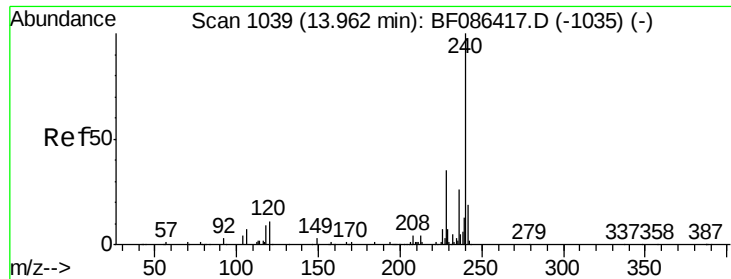
#74
 Fluoranthene
 Concen: 3.28 ng
 RT: 12.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF086433.D
 Acq: 27 Apr 2016 19:35

Tgt Ion:202 Resp: 62323
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 35.4
 203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TH-B1(0-5)-C

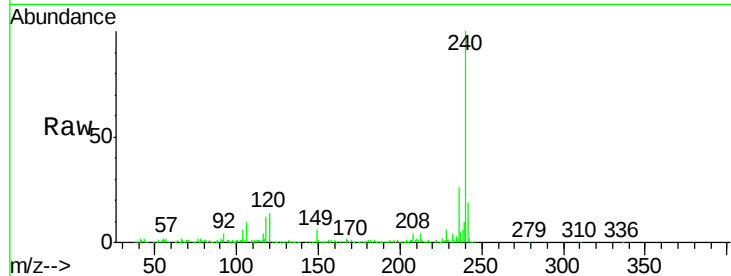
Tgt Ion:240 Resp: 245273

Ion Ratio Lower Upper

240 100

120 14.4 11.2 16.8

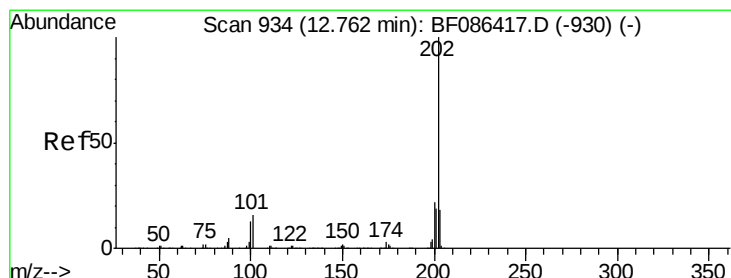
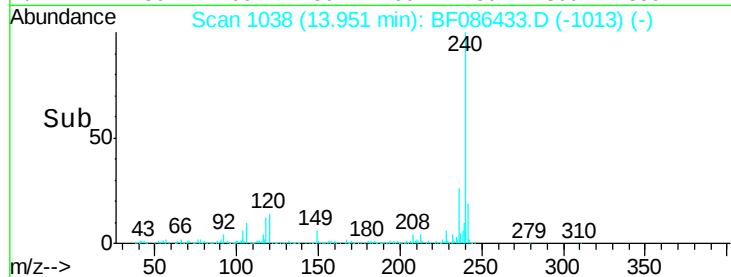
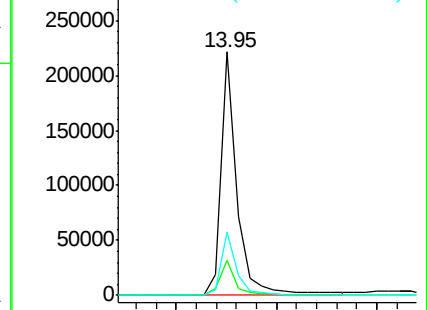
236 25.9 21.2 31.8



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



#77

Pyrene

Concen: 4.33 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

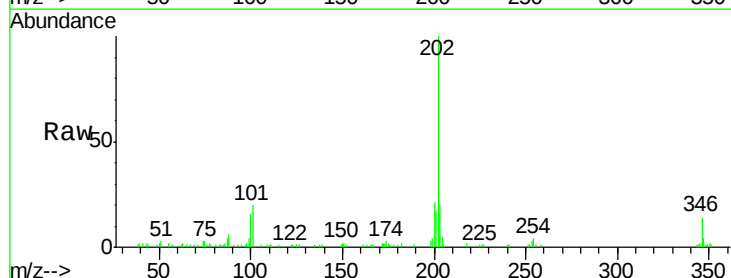
Tgt Ion:202 Resp: 76482

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

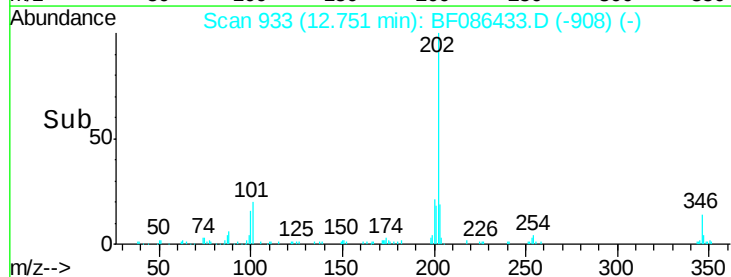
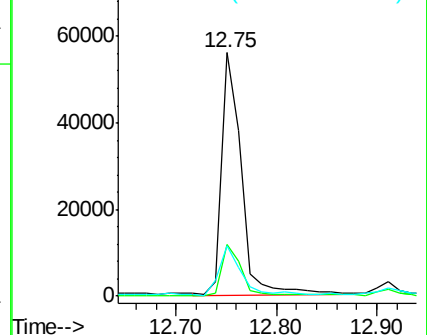
203 20.5 14.2 21.4

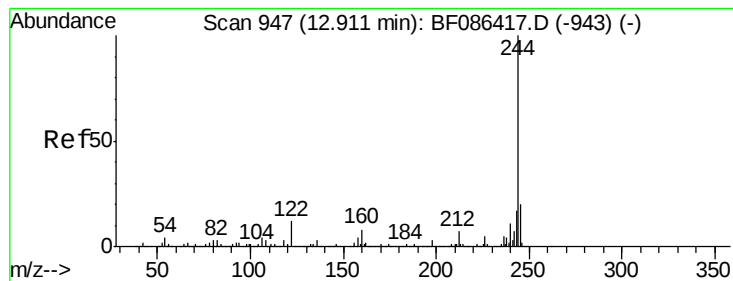


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.47 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TH-B1(0-5)-C

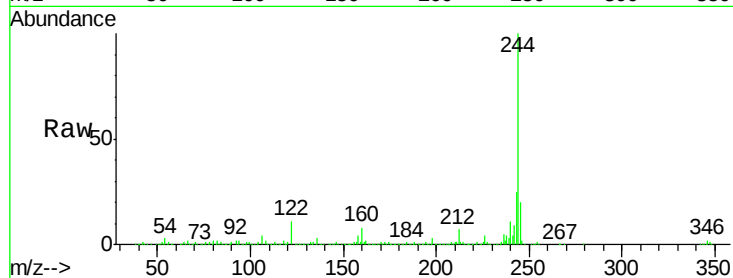
Tgt Ion:244 Resp: 840256

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

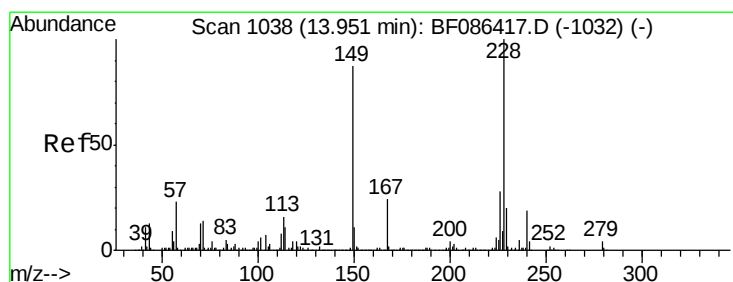
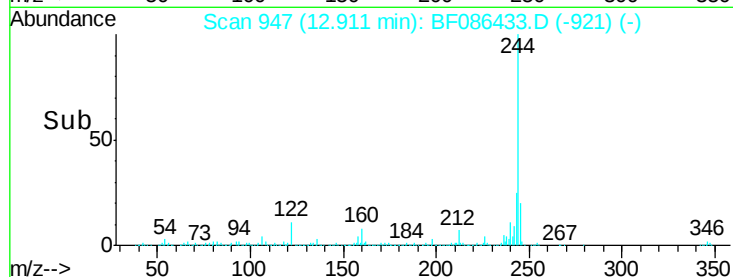
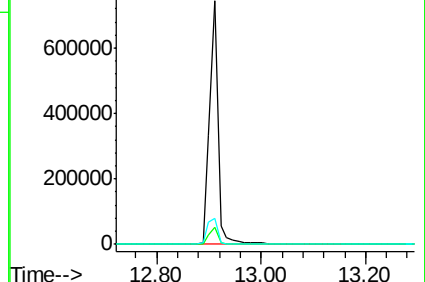
122 10.9 12.0 18.0#



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



#80

Benzo(a)anthracene

Concen: 5.56 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

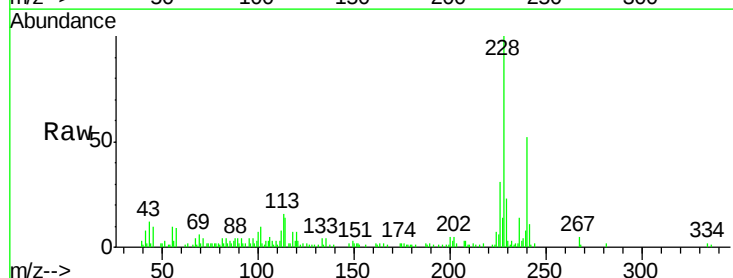
Tgt Ion:228 Resp: 72654

Ion Ratio Lower Upper

228 100

226 31.2 22.5 33.7

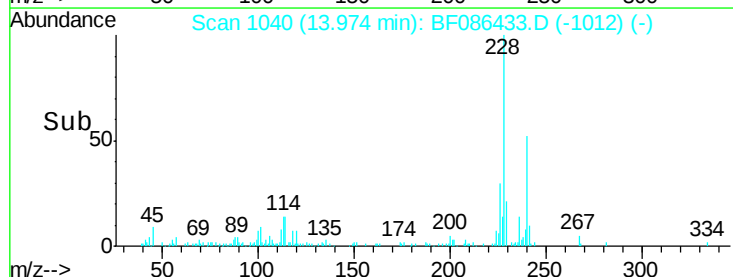
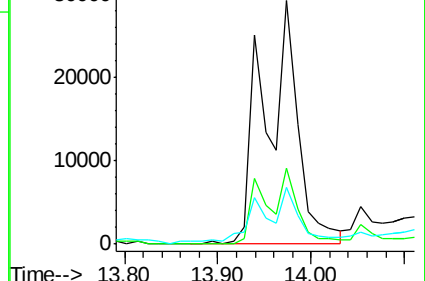
229 23.3 16.6 25.0

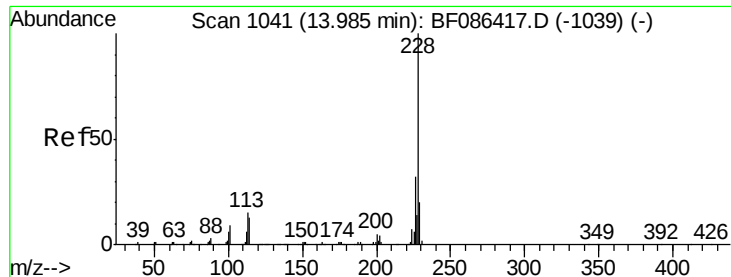


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 5.11 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

Instrument :

BNA_F

ClientSampleId :

TH-B1(0-5)-C

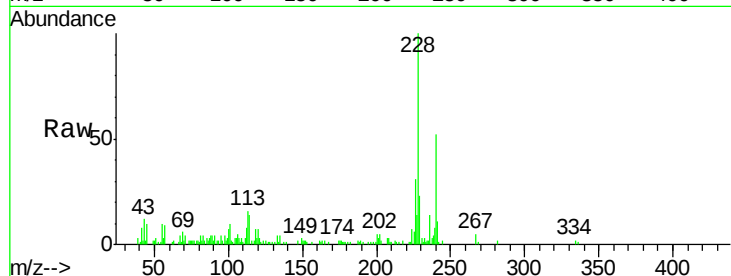
Tgt Ion: 228 Resp: 72654

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

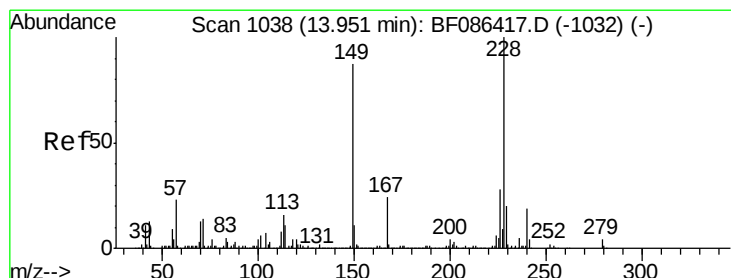
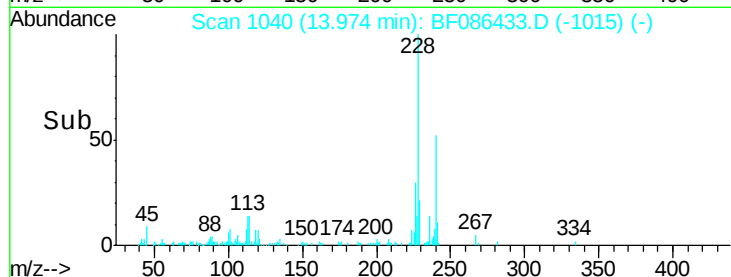
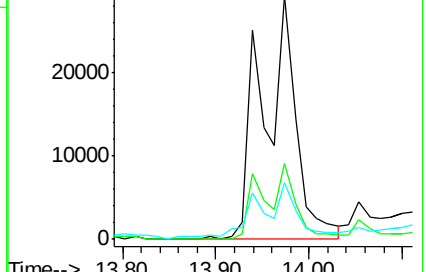
229 23.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.57 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086433.D

Acq: 27 Apr 2016 19:35

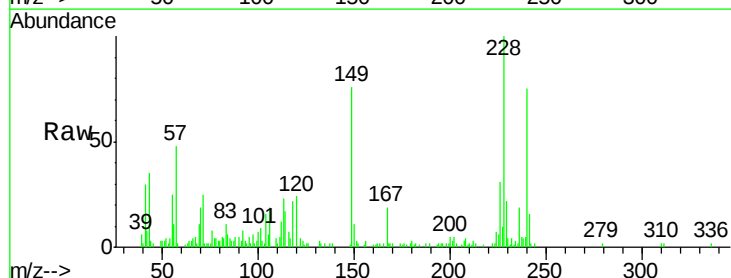
Tgt Ion: 149 Resp: 24436

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.6

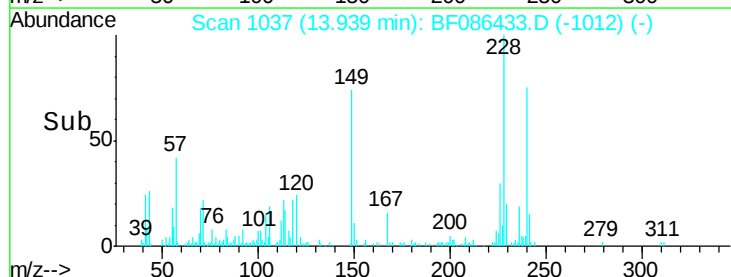
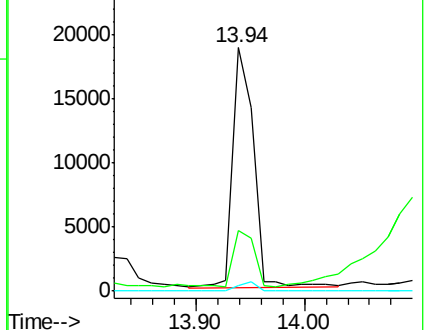
279 2.1 2.6 4.0#

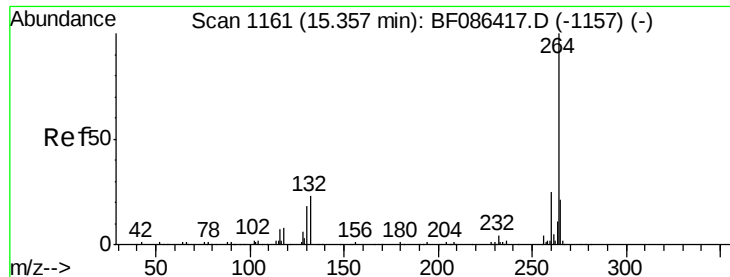


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

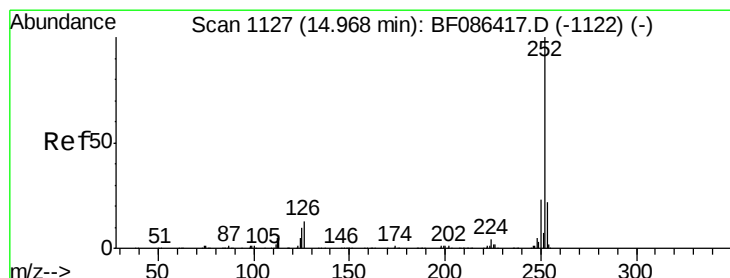
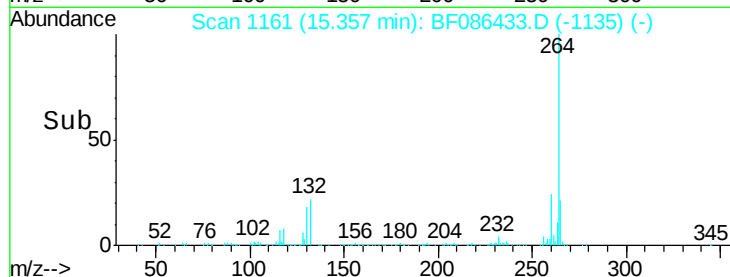
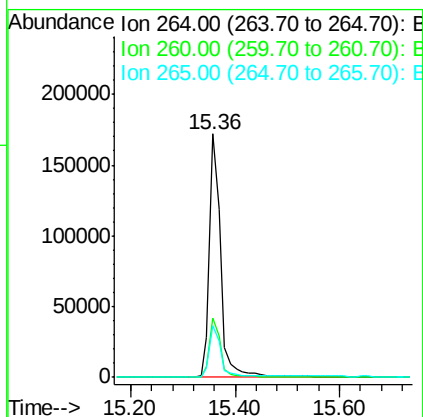
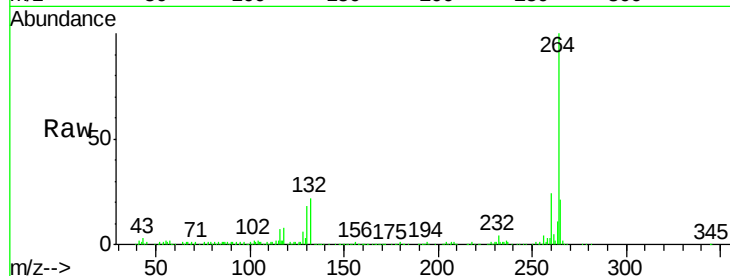




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

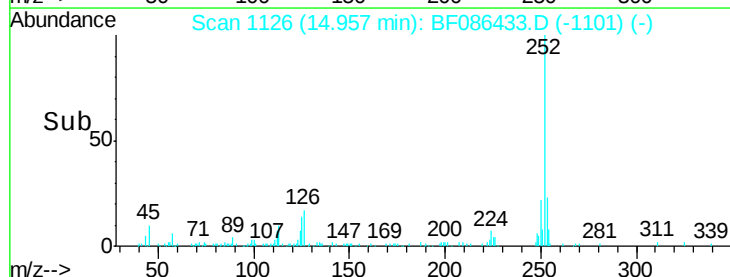
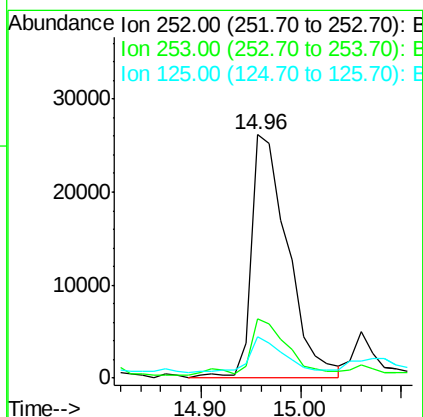
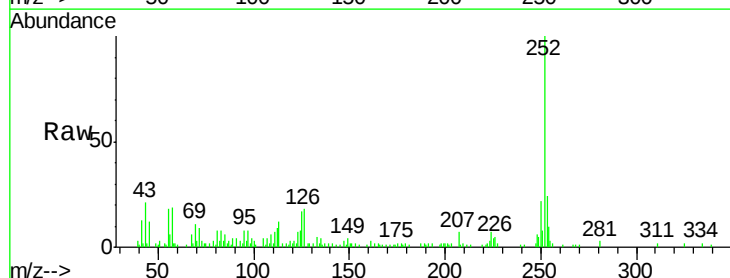
Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

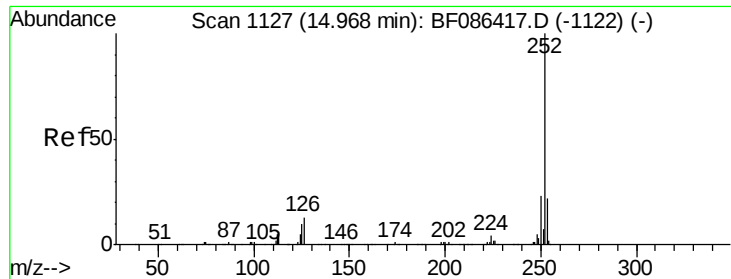
Tgt Ion:264 Resp: 261561
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.1 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 4.27 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion:252 Resp: 65770
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 17.1 11.4 17.0#

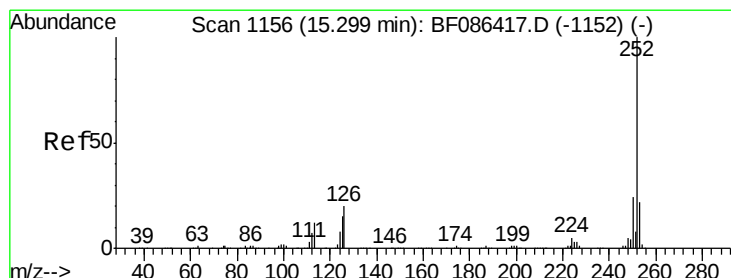
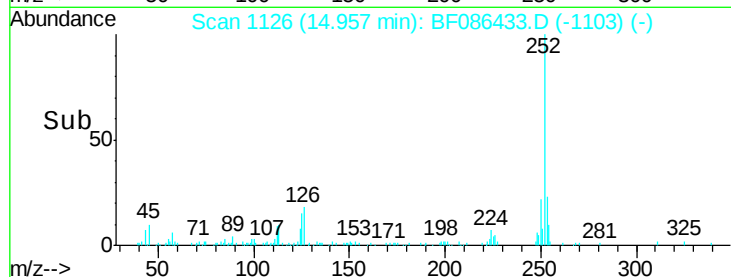
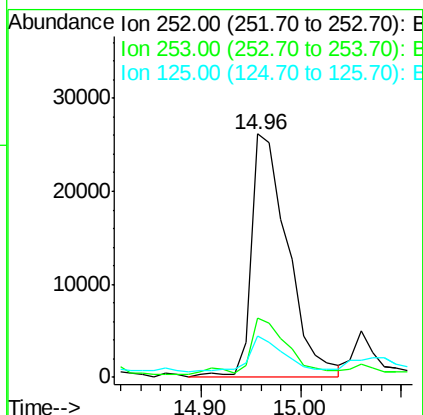
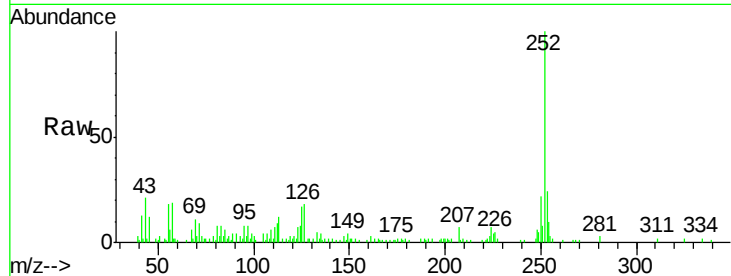




#88
Benzo(k)fluoranthene
Concen: 4.10 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
TH-B1(0-5)-C

Tgt Ion:252 Resp: 65770
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 17.1 9.1 13.7#



#89
Benzo(a)pyrene
Concen: 2.40 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086433.D
Acq: 27 Apr 2016 19:35

Tgt Ion:252 Resp: 34907
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 14.1 9.0 13.6#

