

Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080871.D
 Acq On : 5 Aug 2015 9:07
 Operator : TP/UM
 Sample : G3150-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-10

Quant Time: Aug 05 14:21:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

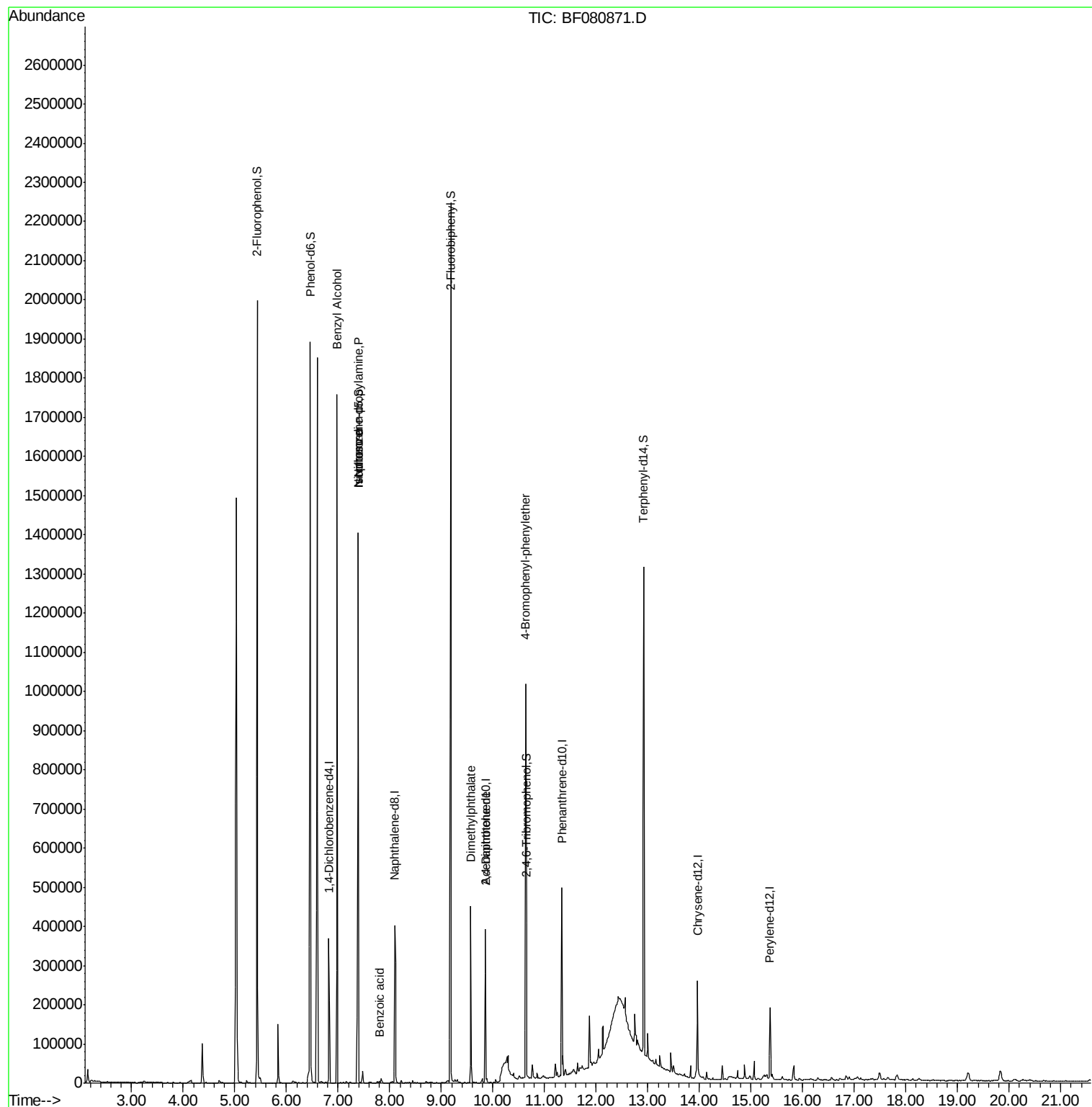
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63545	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	236973	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	96931	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	164726	20.00	ng	0.00
75) Chrysene-d12	13.96	240	88714	20.00	ng	0.00
86) Perylene-d12	15.37	264	76736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	536665	127.82	ng	0.01
7) Phenol-d6	6.46	99	864491	157.51	ng	0.01
23) Nitrobenzene-d5	7.39	82	553106	110.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	124450	133.14	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	739610	102.74	ng	0.00
78) Terphenyl-d14	12.92	244	439409	89.65	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.98	79	8472	2.36	ng	# 53
19) n-Nitroso-di-n-propylamine	7.39	70	75013	21.16	ng	# 72
25) Isophorone	7.39	82	515381	57.84	ng	# 67
32) Benzoic acid	7.80	122	1183	3.07	ng	85
49) Dimethylphthalate	9.57	163	153599	21.73	ng	100
56) 2,4-Dinitrotoluene	9.86	165	12547	6.72	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	7617	4.18	ng	# 1

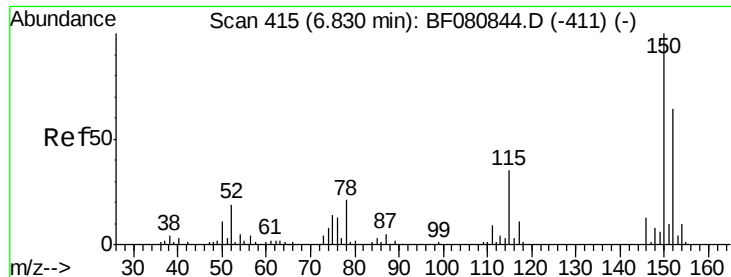
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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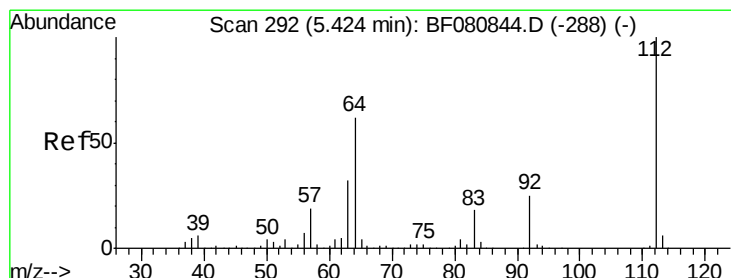
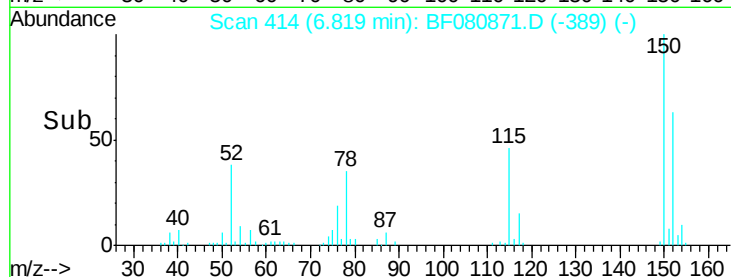
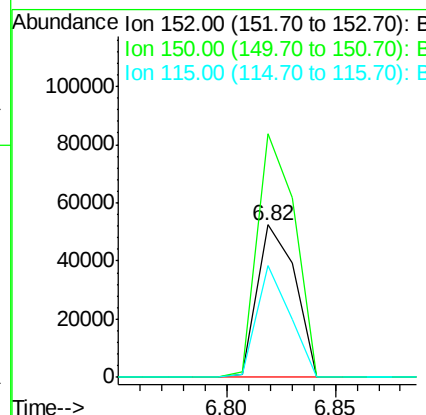
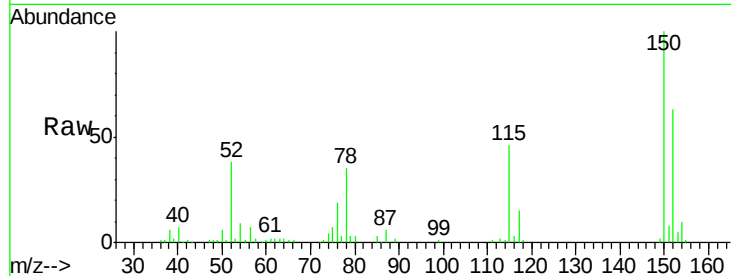




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF080871.D
 Acq: 5 Aug 2015 9:07

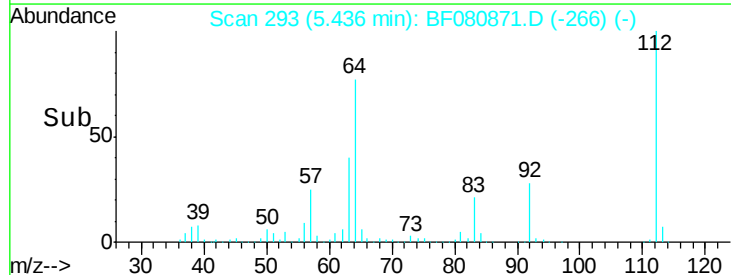
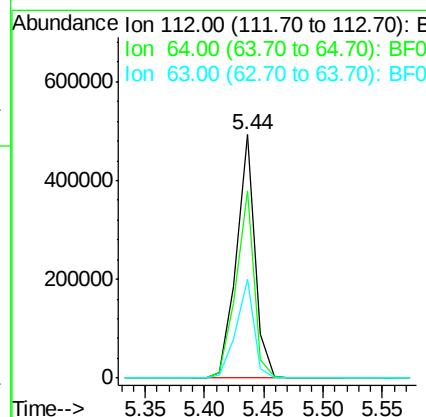
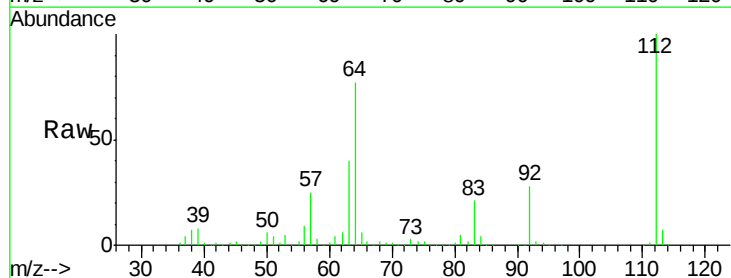
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-10

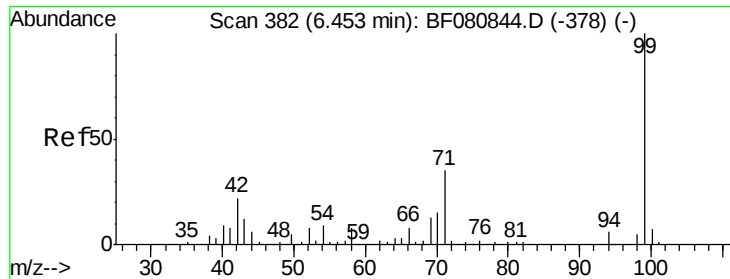
Tgt Ion:152 Resp: 63545
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.6 187.0
 115 73.5 44.2 66.4#



#5
 2-Fluorophenol
 Concen: 127.82 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF080871.D
 Acq: 5 Aug 2015 9:07

Tgt Ion:112 Resp: 536665
 Ion Ratio Lower Upper
 112 100
 64 77.0 49.5 74.3#
 63 40.4 25.3 37.9#





#7

Phenol-d6

Concen: 157.51 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-10

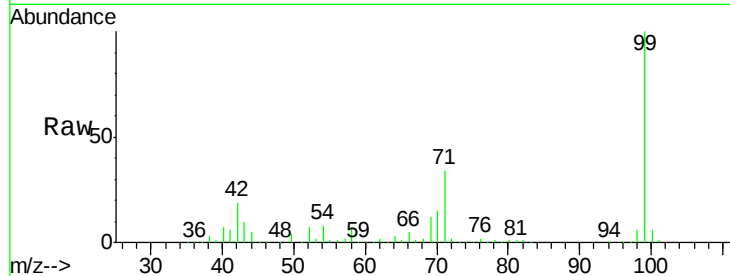
Tgt Ion: 99 Resp: 864491

Ion Ratio Lower Upper

99 100

42 18.6 17.9 26.9

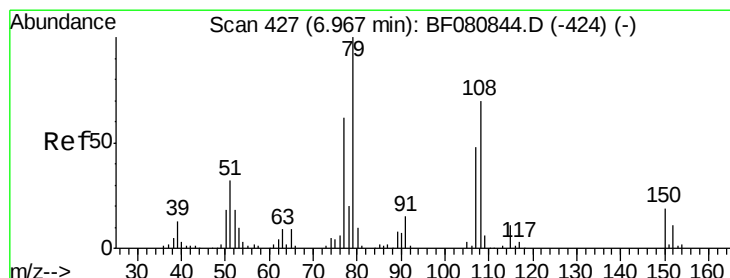
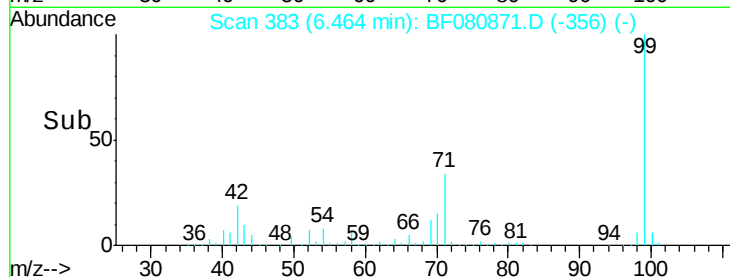
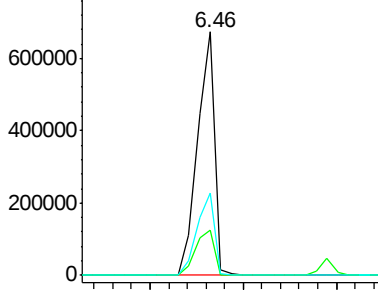
71 33.6 28.2 42.4



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: 2.36 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

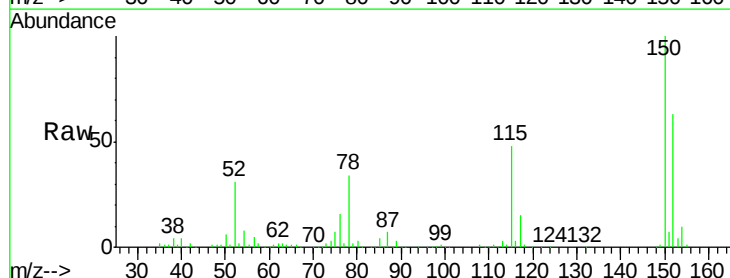
Tgt Ion: 79 Resp: 8472

Ion Ratio Lower Upper

79 100

108 24.7 55.9 83.9#

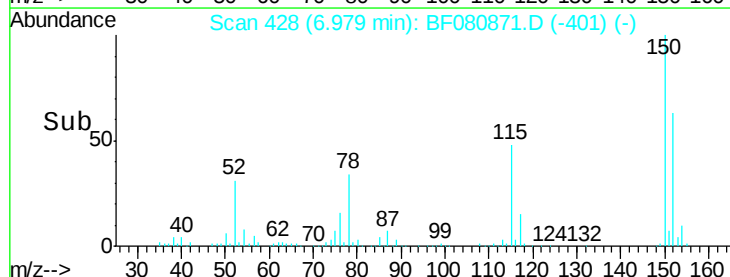
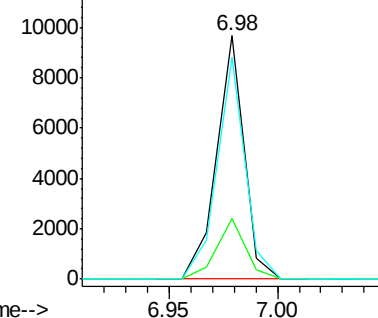
77 91.0 49.4 74.2#

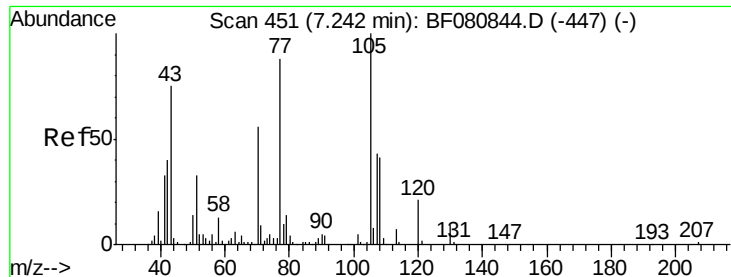


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

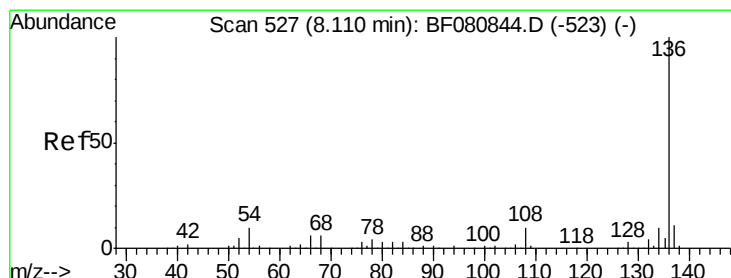
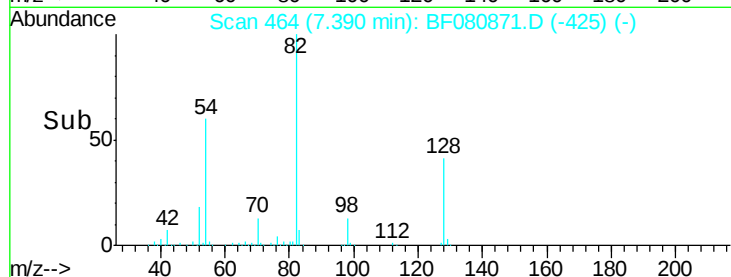
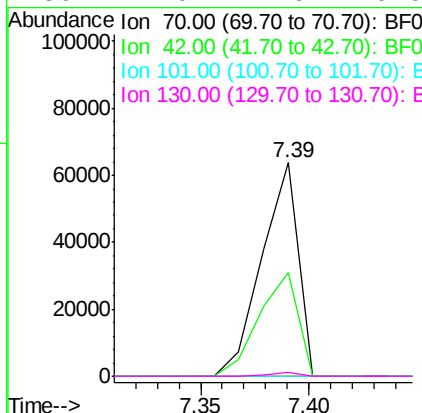
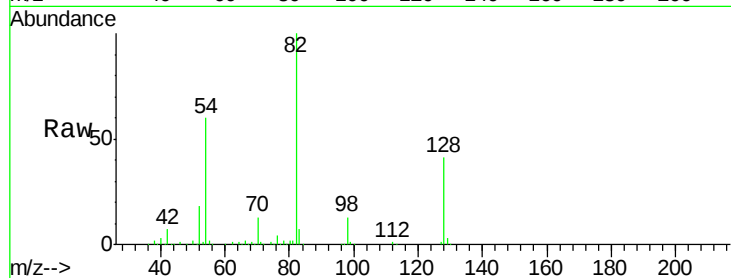




#19
n-Nitroso-di-n-propylamine
Concen: 21.16 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

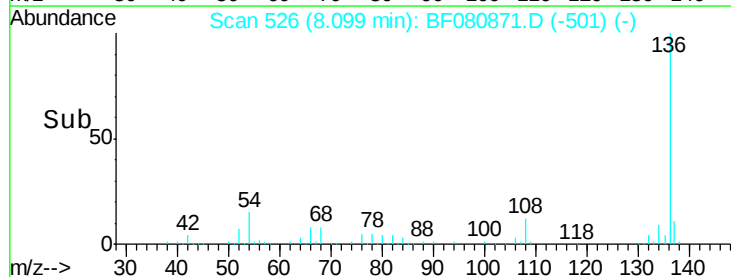
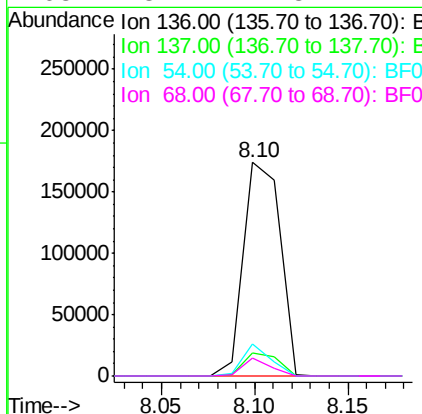
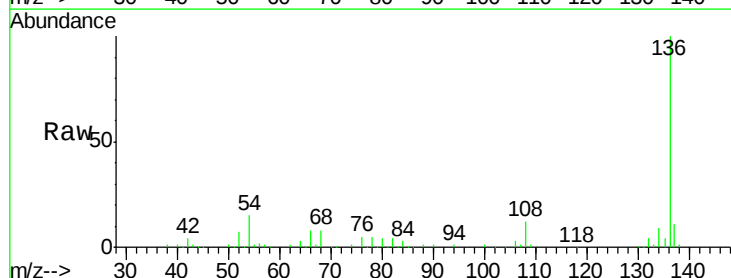
Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

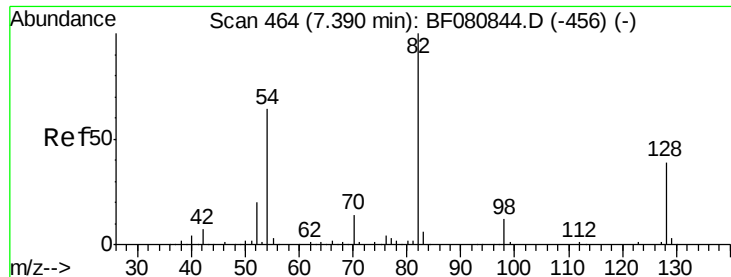
Tgt Ion: 70 Resp: 75013
Ion Ratio Lower Upper
70 100
42 48.8 57.8 86.8#
101 0.0 6.7 10.1#
130 2.0 12.6 19.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion: 136 Resp: 236973
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 14.9 8.3 12.5#
68 8.2 4.8 7.2#

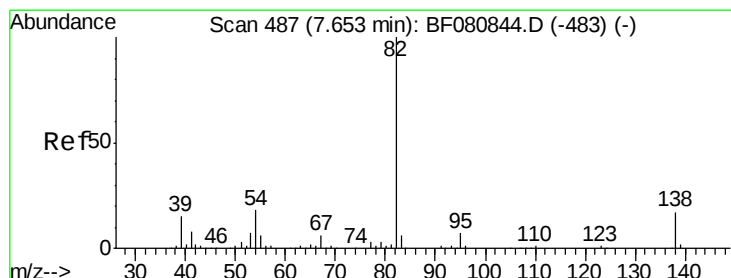
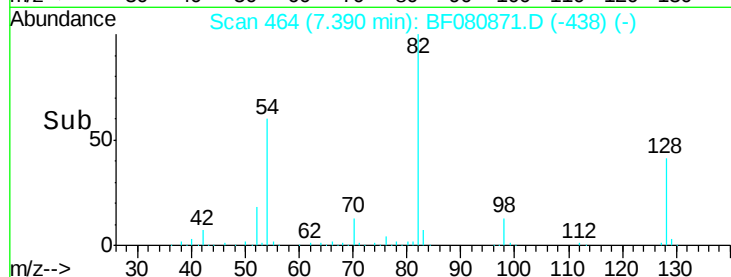
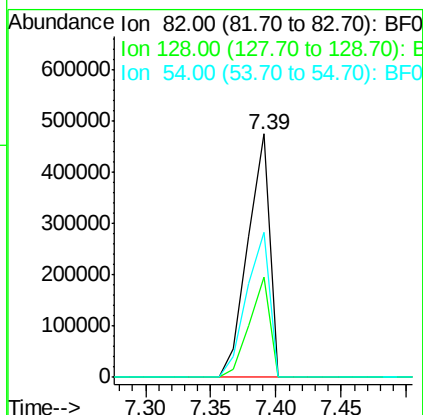
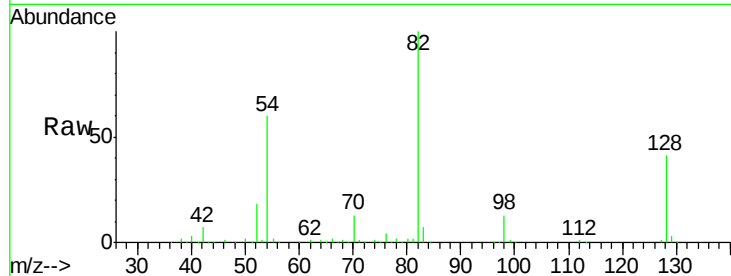




#23
Nitrobenzene-d5
Concen: 110.00 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

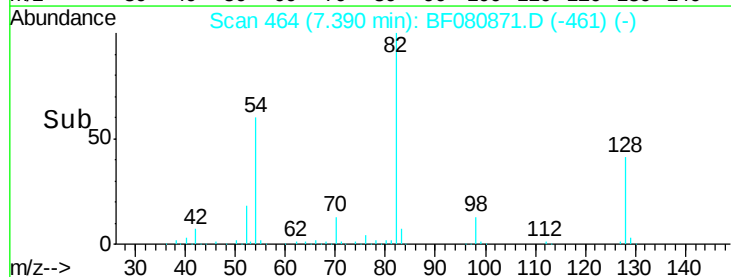
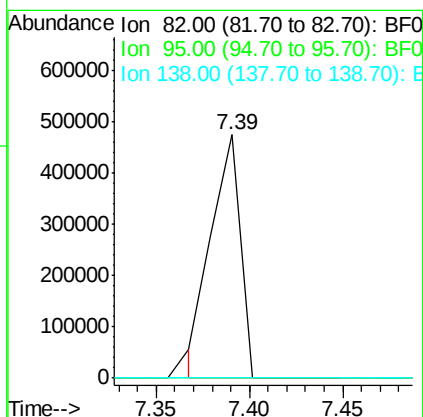
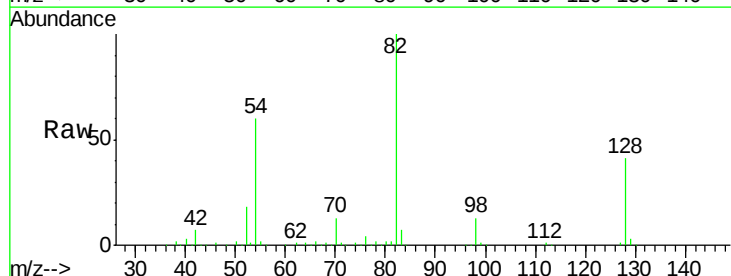
Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

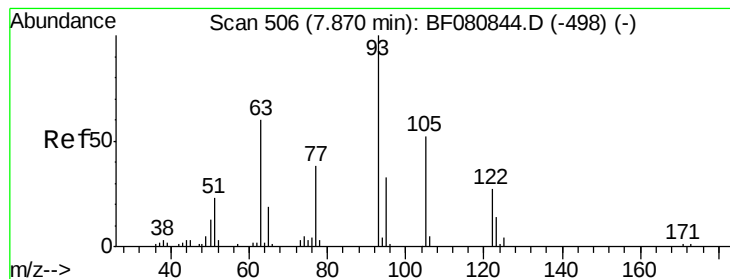
Tgt Ion: 82 Resp: 553106
Ion Ratio Lower Upper
82 100
128 41.3 31.0 46.4
54 59.8 51.0 76.6



#25
Isophorone
Concen: 57.84 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Tgt Ion: 82 Resp: 515381
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.3 19.9#





#32

Benzoic acid

Concen: 3.07 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-10

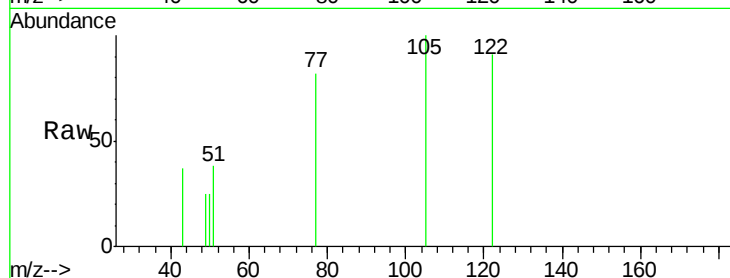
Tgt Ion:122 Resp: 1183

Ion Ratio Lower Upper

122 100

105 110.3 110.1 150.1

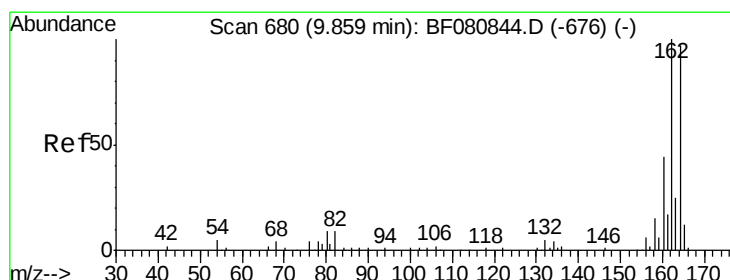
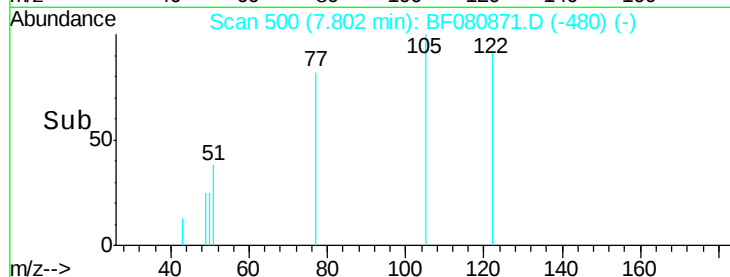
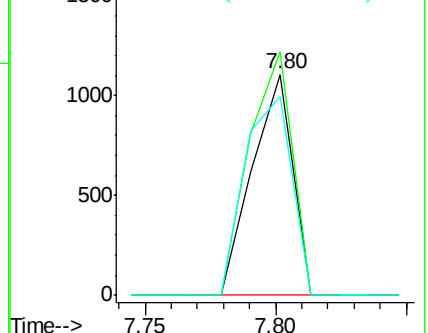
77 90.2 83.6 123.6



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: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

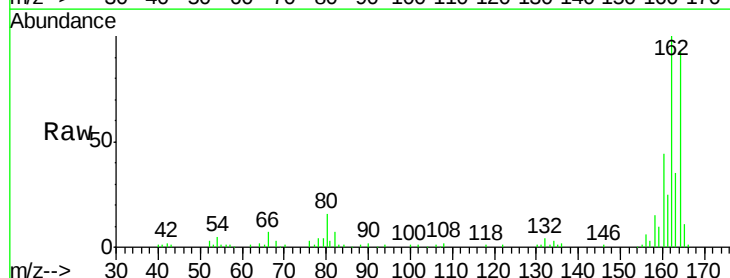
Tgt Ion:164 Resp: 96931

Ion Ratio Lower Upper

164 100

162 107.9 82.9 124.3

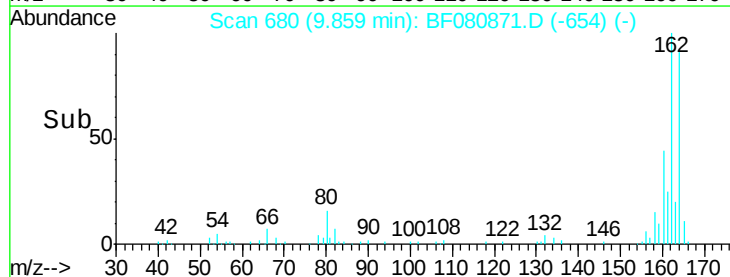
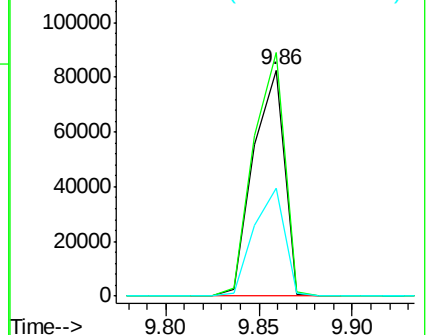
160 47.8 36.6 54.8

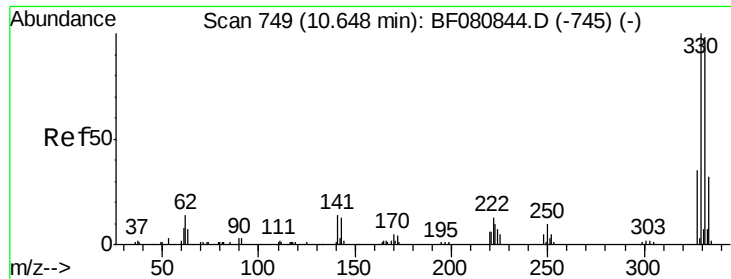


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

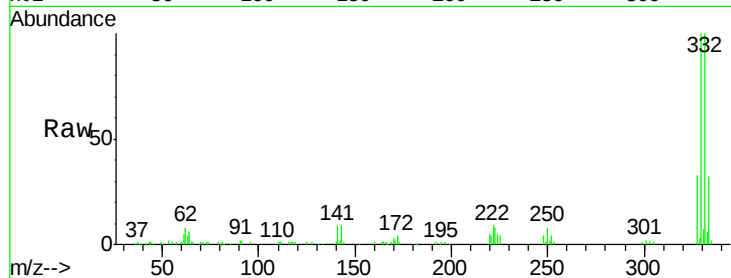




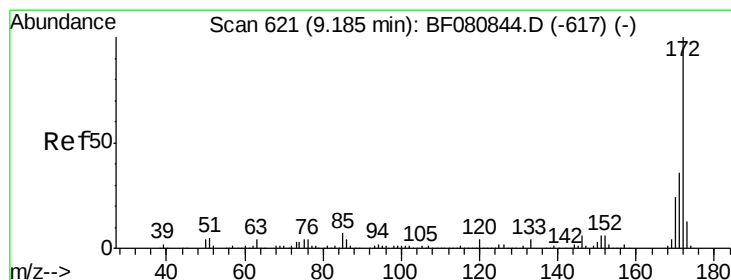
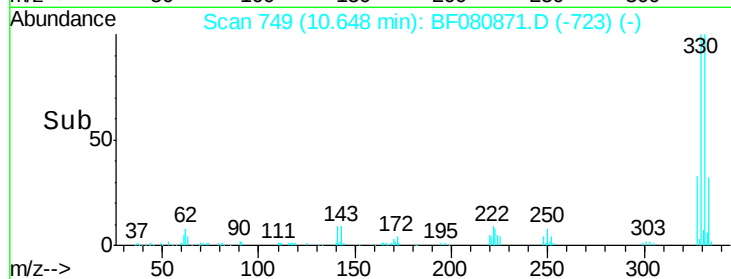
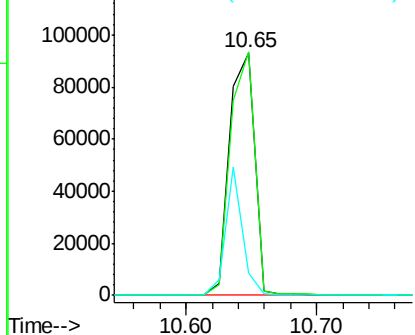
#41
 2,4,6-Tribromophenol
 Concen: 133.14 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080871.D
 Acq: 5 Aug 2015 9:07

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.8
141	35.9	28.4	42.6

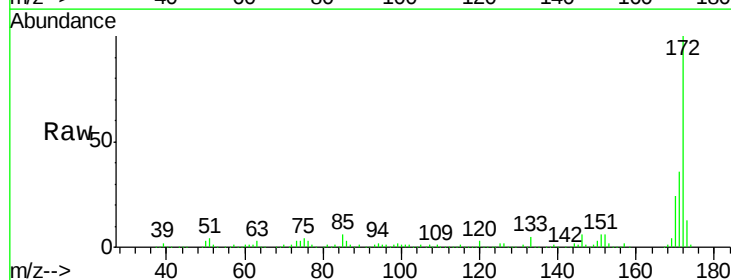


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

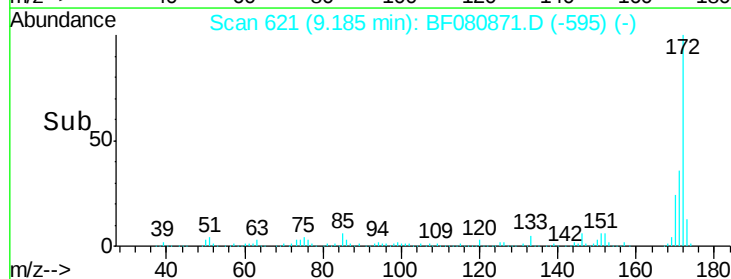
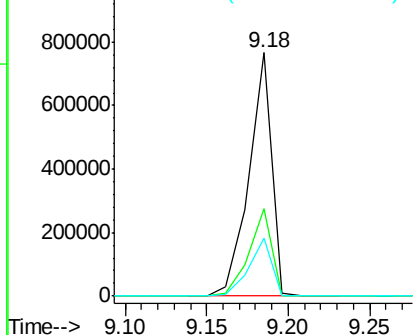


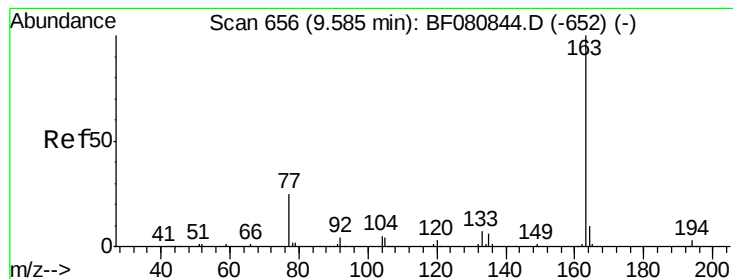
#44
 2-Fluorobiphenyl
 Concen: 102.74 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080871.D
 Acq: 5 Aug 2015 9:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.0	19.4	29.2



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: 21.73 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-10

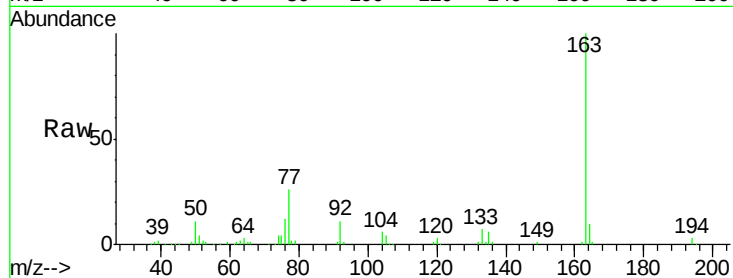
Tgt Ion:163 Resp: 153599

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

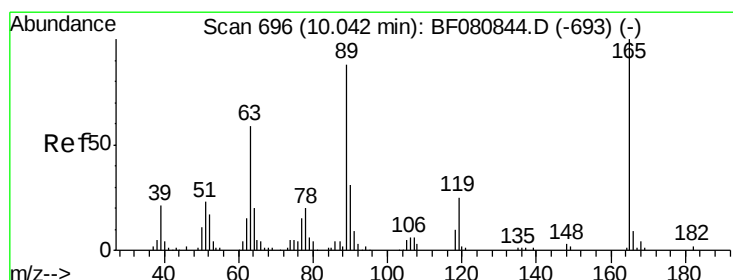
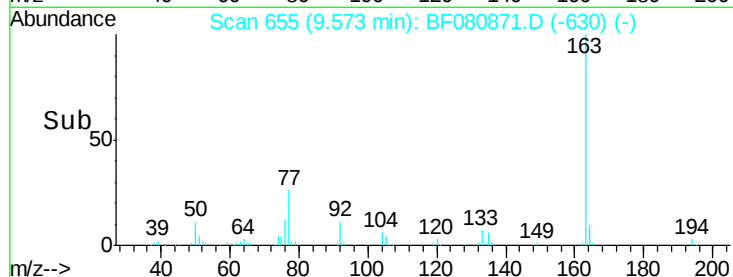
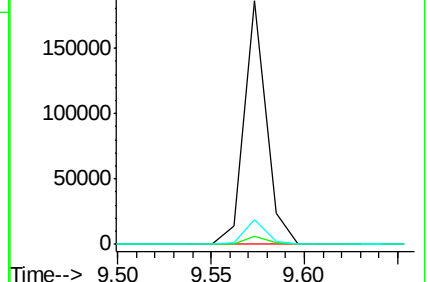
164 10.3 8.2 12.4



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: 6.72 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.18 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

Tgt Ion:165 Resp: 12547

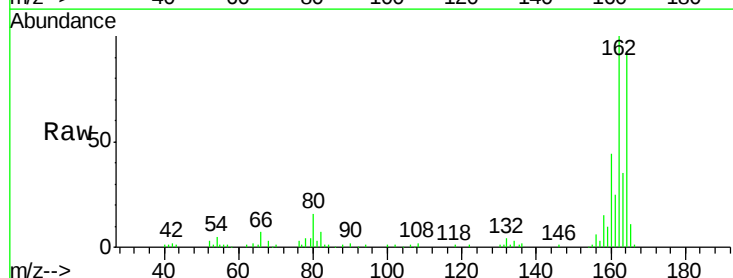
Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 70.2 105.2#

182 0.0 1.5 2.3#

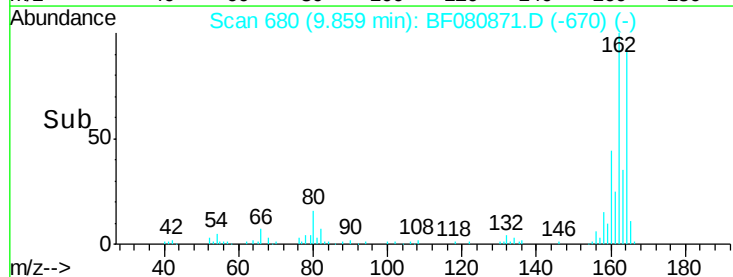
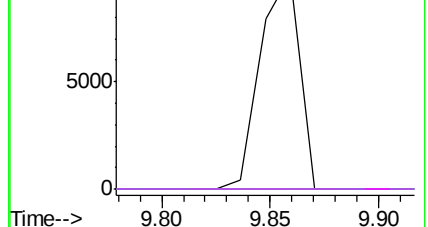


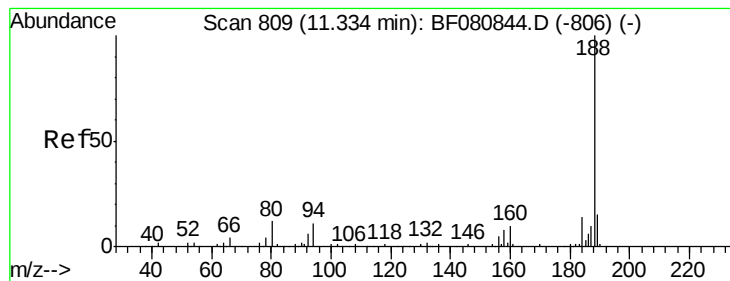
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-10

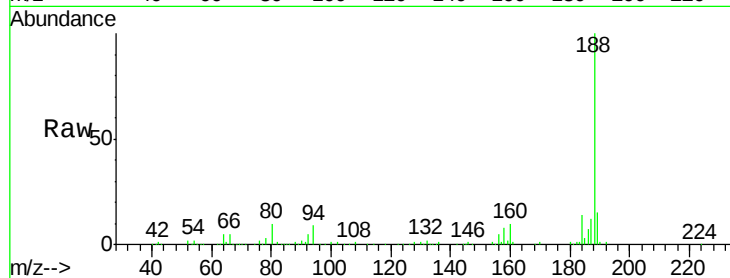
Tgt Ion:188 Resp: 164726

Ion Ratio Lower Upper

188 100

94 9.3 8.6 12.8

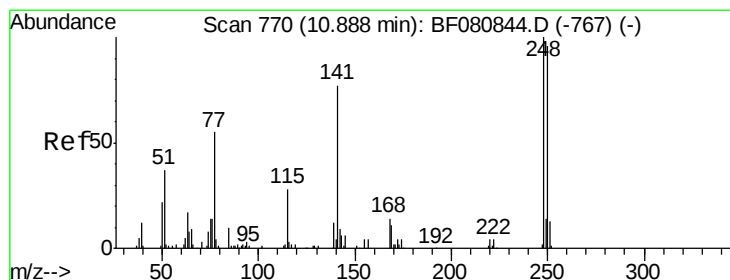
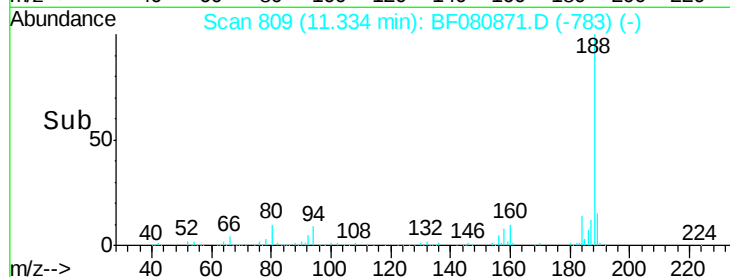
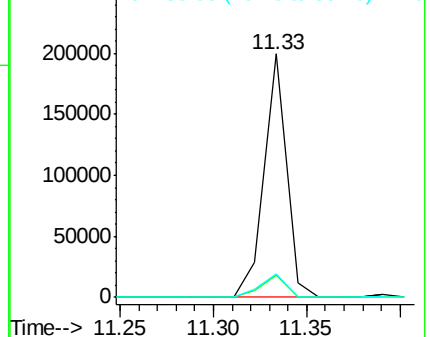
80 9.8 9.3 13.9



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



#66

4-Bromophenyl-phenylether

Concen: 4.18 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

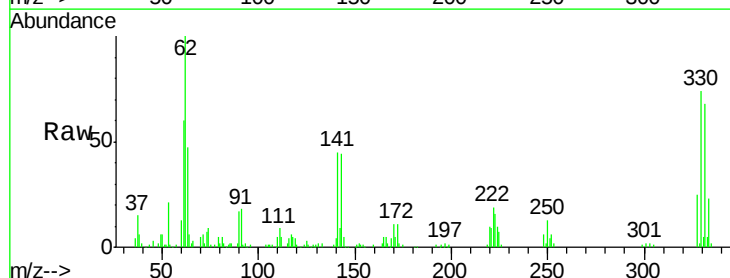
Tgt Ion:248 Resp: 7617

Ion Ratio Lower Upper

248 100

250 204.5 77.2 115.8#

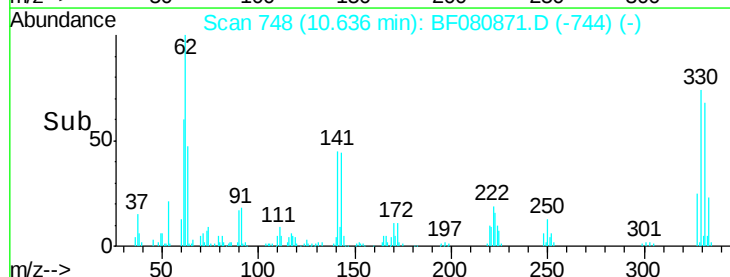
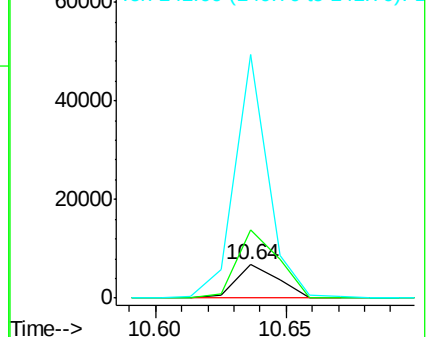
141 728.0 61.4 92.0#

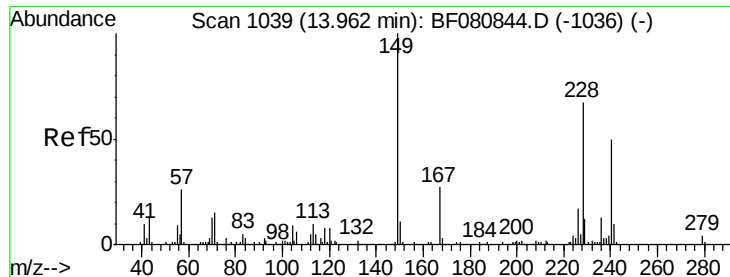


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-10

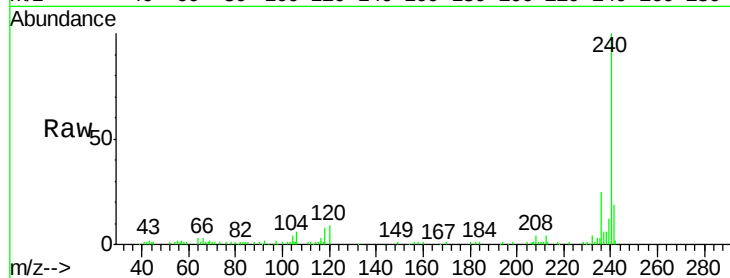
Tgt Ion:240 Resp: 88714

Ion Ratio Lower Upper

240 100

120 9.0 13.0 19.6#

236 25.2 20.7 31.1



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

120000

100000

80000

60000

40000

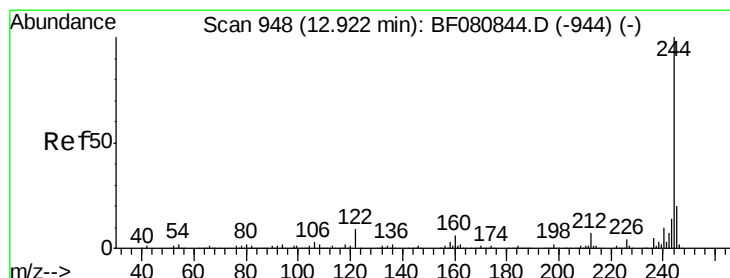
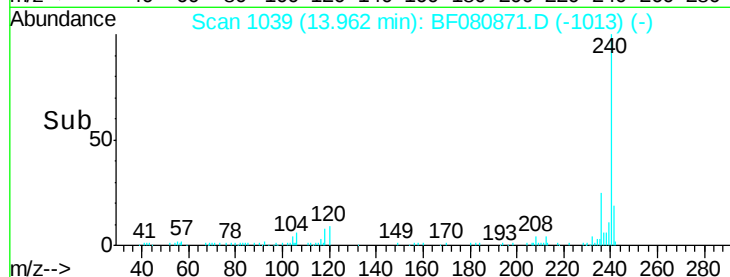
20000

0

13.96

13.90 13.95 14.00

Time-->



#78

Terphenyl-d14

Concen: 89.65 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF080871.D

Acq: 5 Aug 2015 9:07

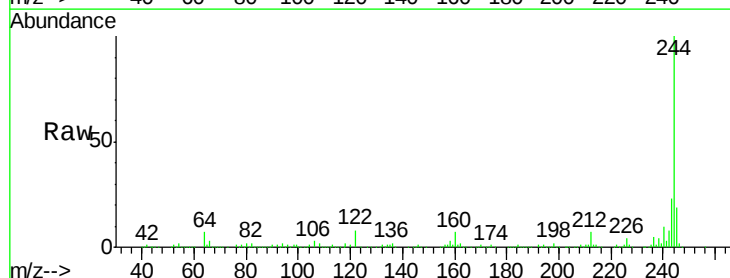
Tgt Ion:244 Resp: 439409

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.4 7.1 10.7



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

600000

500000

400000

300000

200000

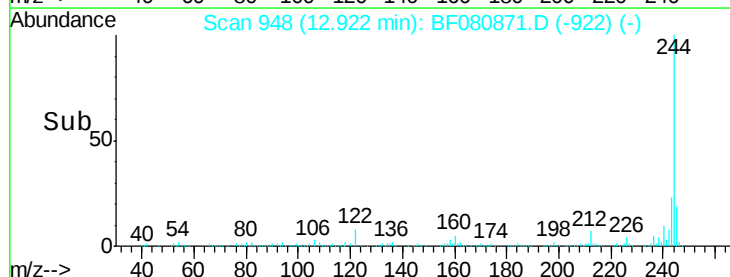
100000

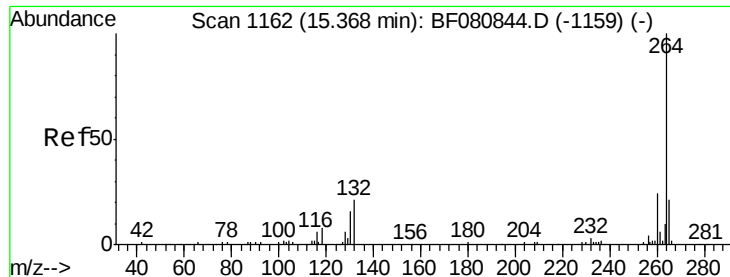
0

12.92

12.90 13.00

Time-->

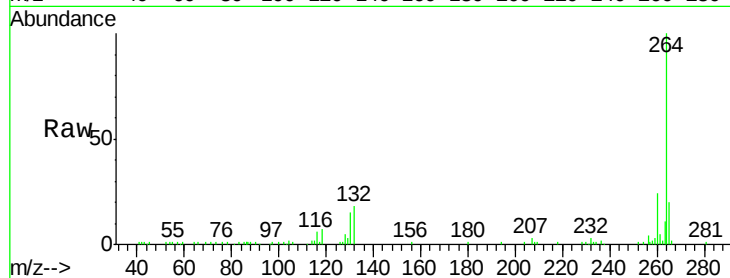




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF080871.D
Acq: 5 Aug 2015 9:07

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	20.5	16.8	25.2



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

