

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086472.D
 Acq On : 28 Apr 2016 19:29
 Operator : UM/SJ
 Sample : H2702-08RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Quant Time: Apr 29 08:53:34 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

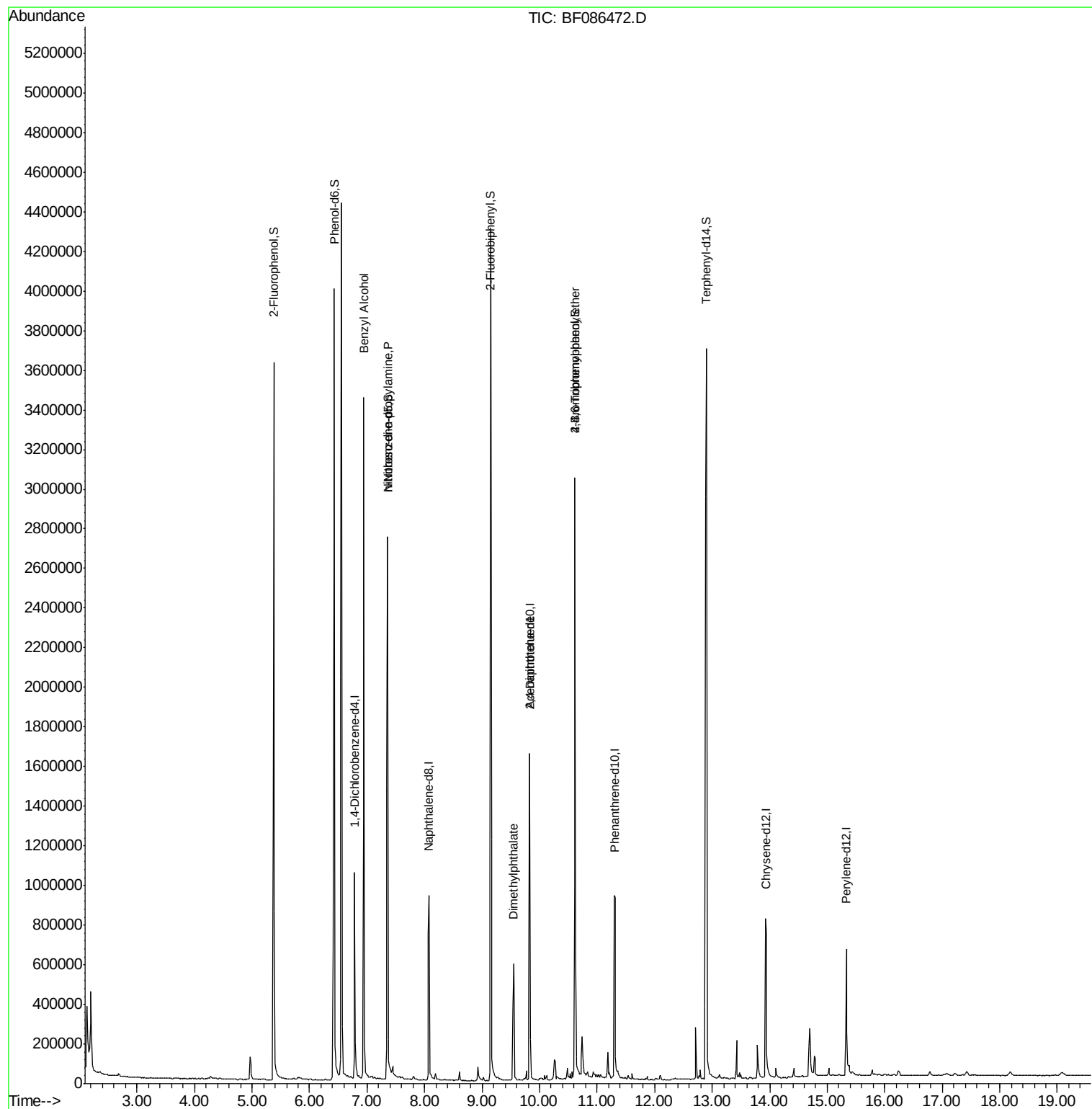
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	147073	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	619358	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	316299	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	577835	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	453758	20.00	ng	-0.02
86) Perylene-d12	15.33	264	315541	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1079112	126.56	ng	-0.01
7) Phenol-d6	6.43	99	1730302	145.40	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1099796	95.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	399334	119.72	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1551017	86.05	ng	-0.02
78) Terphenyl-d14	12.90	244	1673780	81.27	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.94	79	17151	2.28	ng	# 37
19) n-Nitroso-di-n-propylamine	7.36	70	148856	18.92	ng	# 78
49) Dimethylphthalate	9.55	163	314627	13.21	ng	99
56) 2,4-Dinitrotoluene	9.82	165	39528	6.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	23444	3.94	ng	# 1

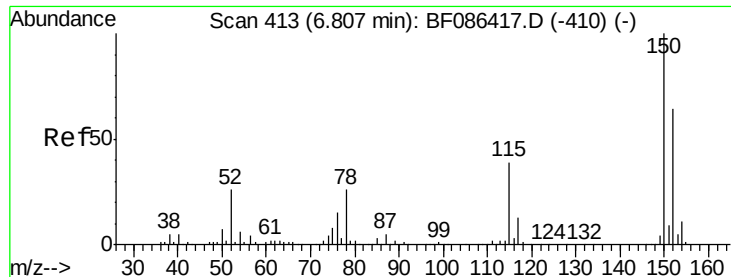
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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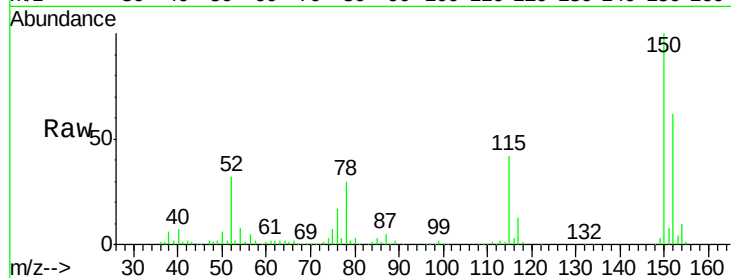


#1

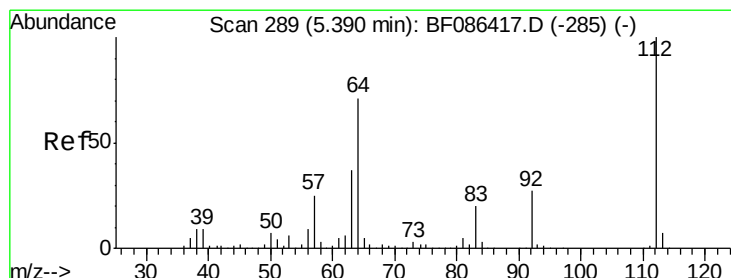
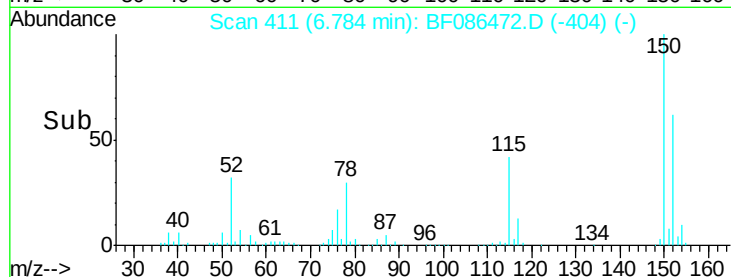
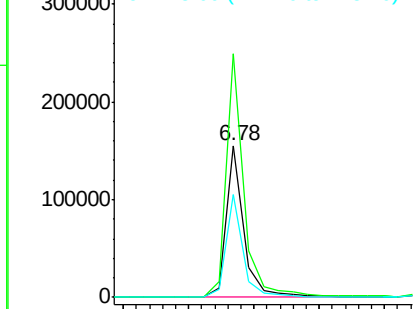
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

Tot Ion:152 Resp: 147073
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.6
115 67.2 51.5 77.3



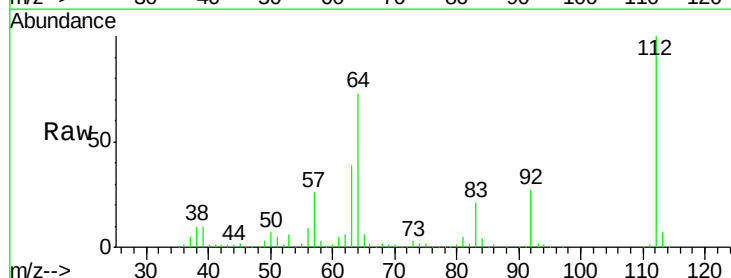
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



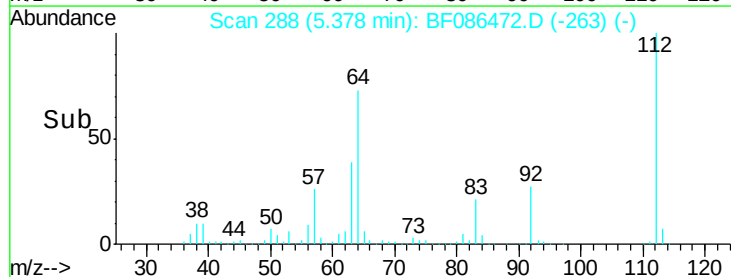
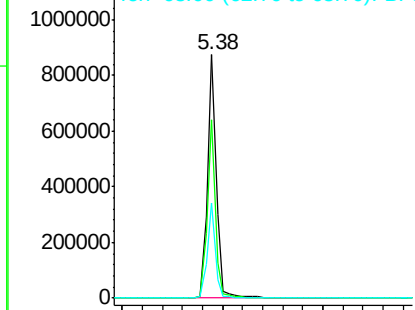
#5

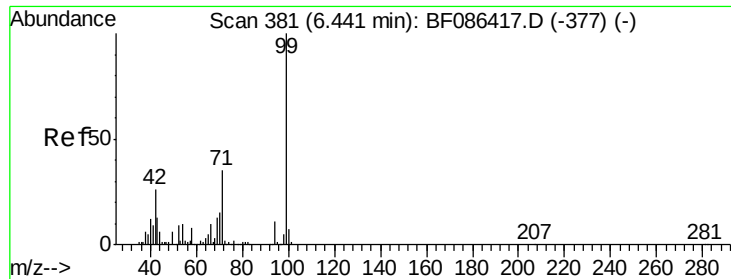
2-Fluorophenol
Concen: 126.56 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

Tgt Ion:112 Resp: 1079112
Ion Ratio Lower Upper
112 100
64 73.3 52.1 78.1
63 39.3 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: 145.40 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

Instrument :

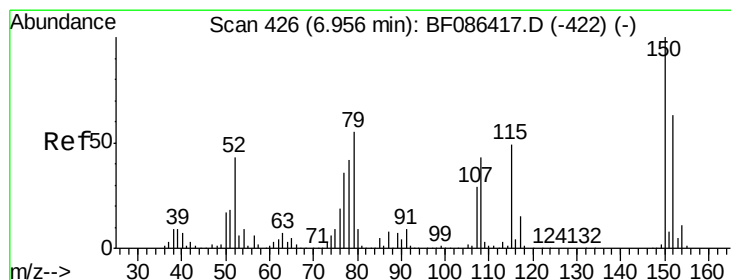
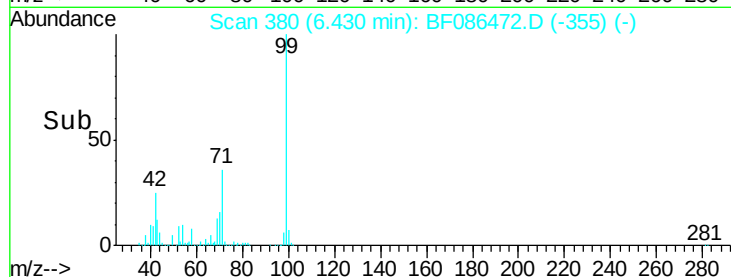
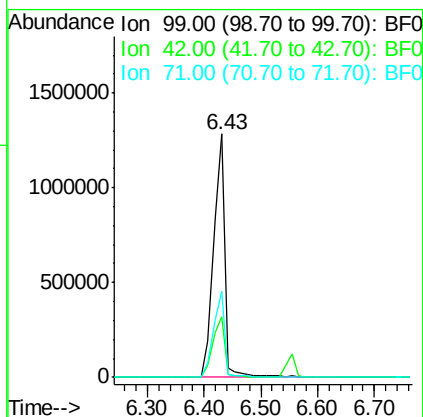
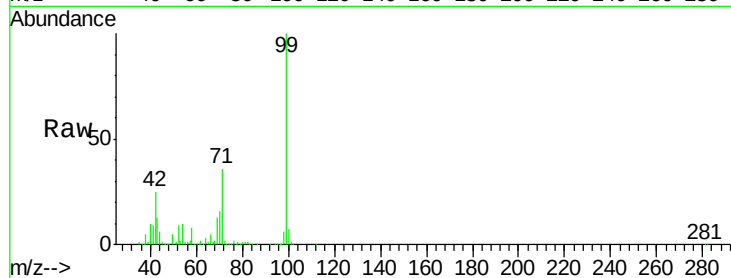
BNA_F

ClientSampleId :

TEC-COMP-B1D

Tot Ion: 99 Resp: 1730302

Ion	Ratio	Lower	Upper
99	100		
42	25.1	13.6	20.4#
71	35.6	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.94 min Scan# 425

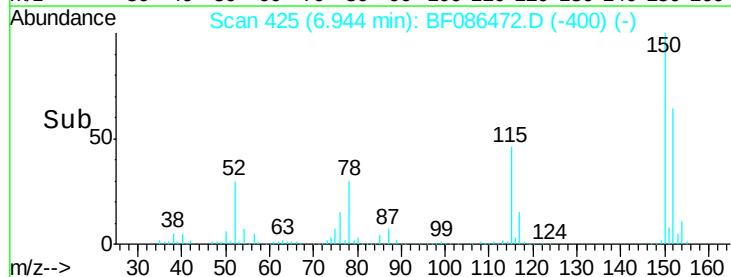
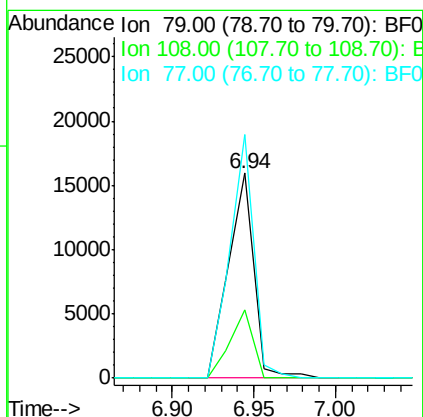
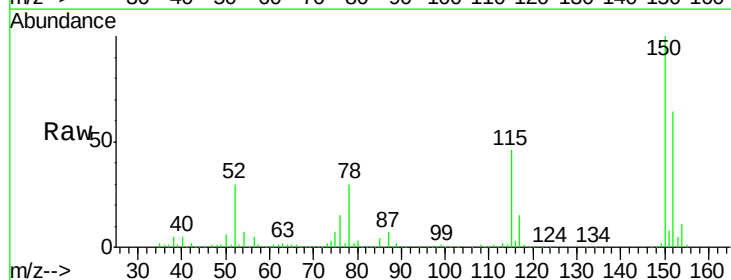
Delta R.T. -0.01 min

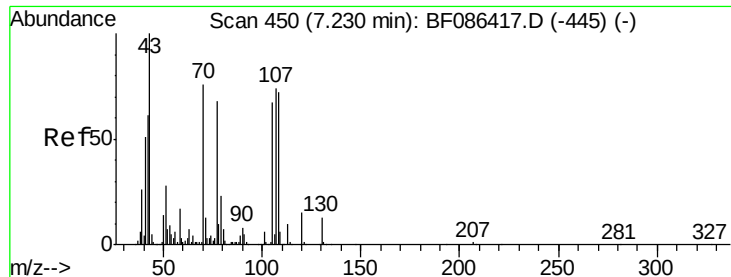
Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

Tgt Ion: 79 Resp: 17151

Ion	Ratio	Lower	Upper
79	100		
108	33.6	68.4	102.6#
77	118.7	50.6	76.0#

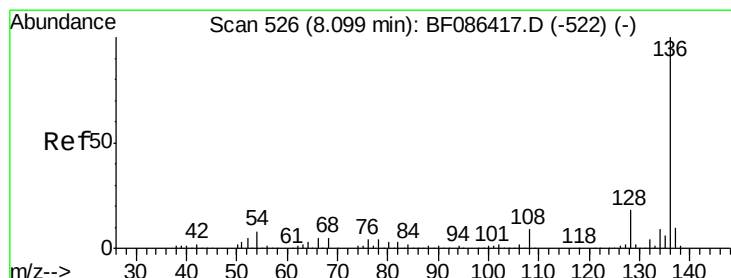
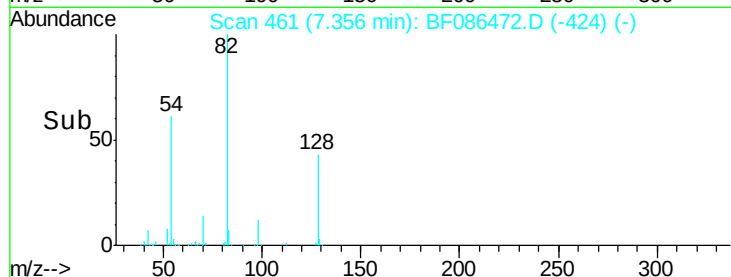
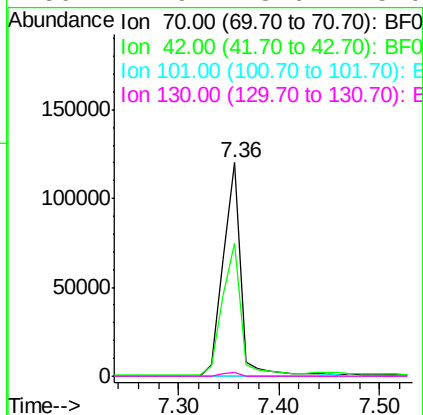
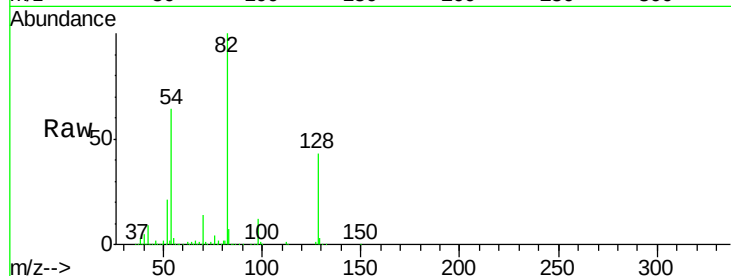




#19
n-Nitroso-di-n-propylamine
Concen: 18.92 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.13 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

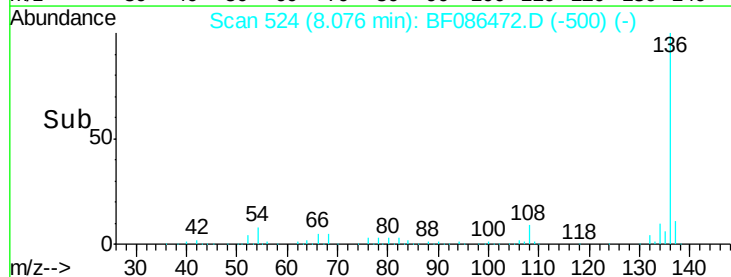
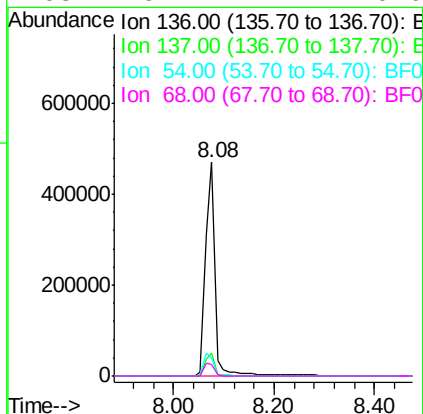
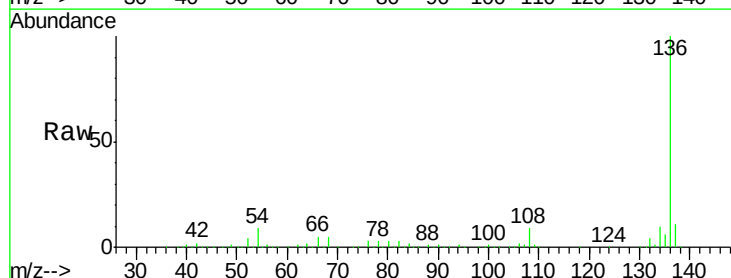
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

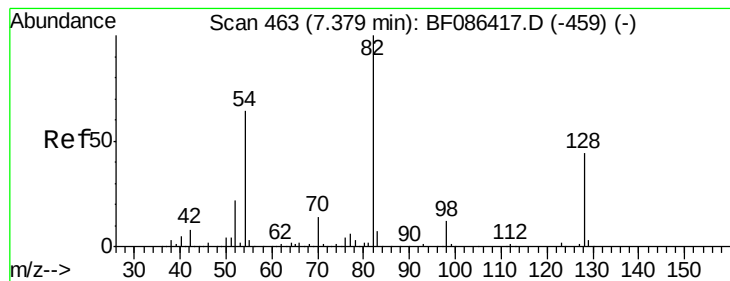
Tot Ion: 70 Resp: 148856
Ion Ratio Lower Upper
70 100
42 62.4 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

Tgt Ion: 136 Resp: 619358
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.6 5.0 7.4#
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 95.71 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

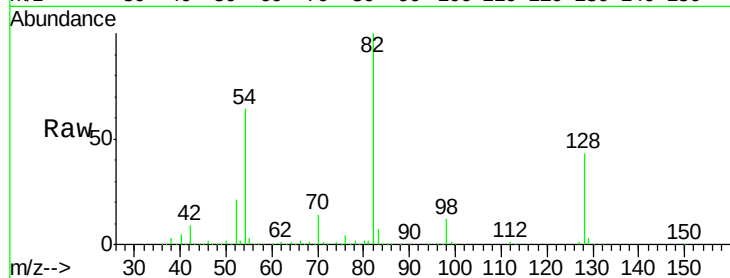
Tot Ion: 82 Resp: 1099796

Ion Ratio Lower Upper

82 100

128 43.3 40.6 61.0

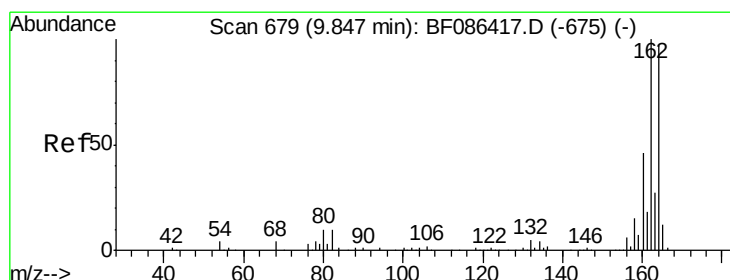
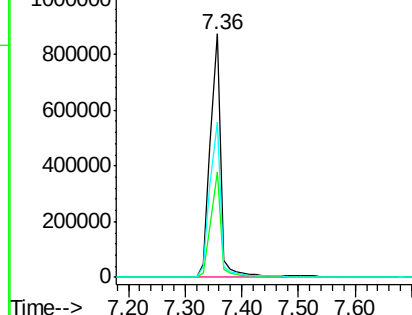
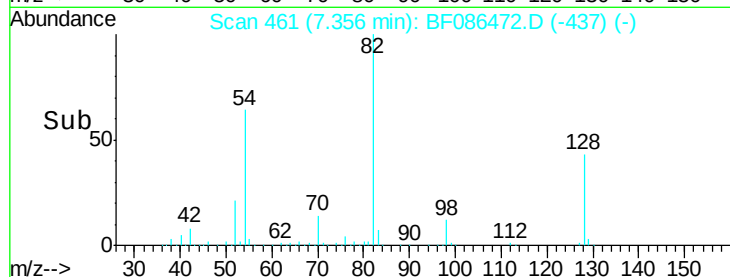
54 64.0 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

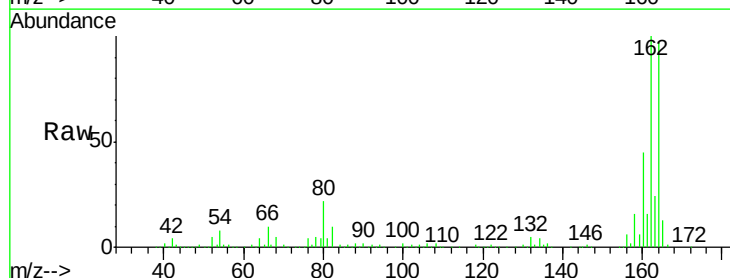
Tgt Ion:164 Resp: 316299

Ion Ratio Lower Upper

164 100

162 103.0 82.8 124.2

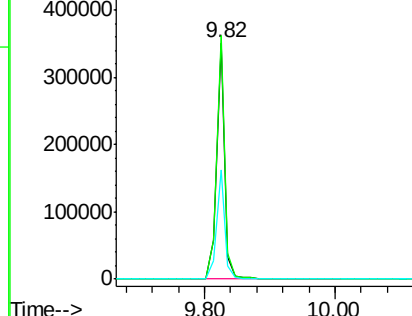
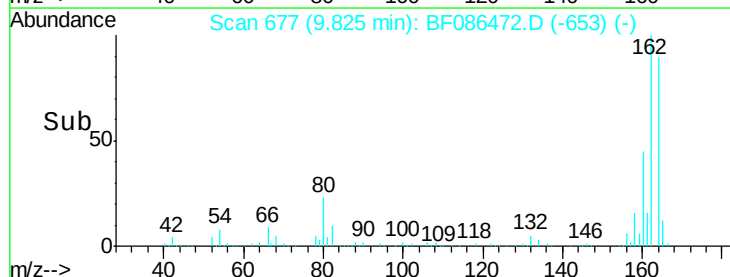
160 46.1 36.9 55.3

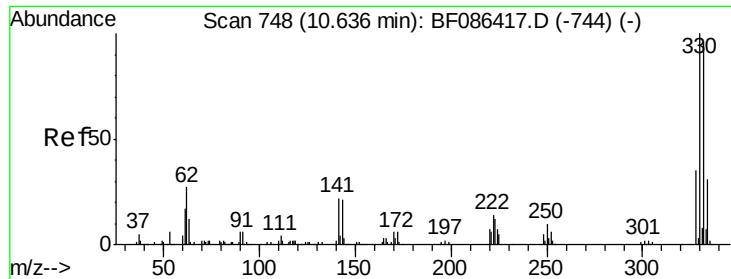


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

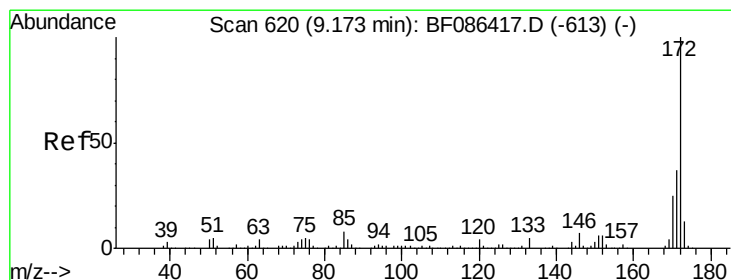
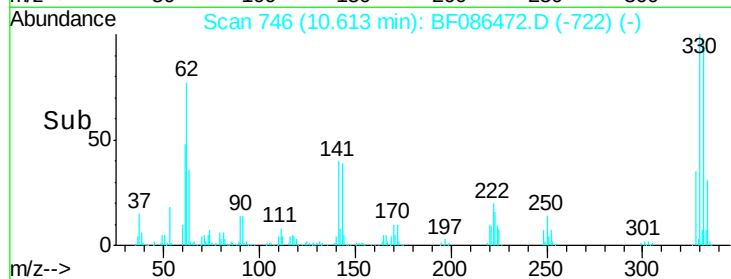
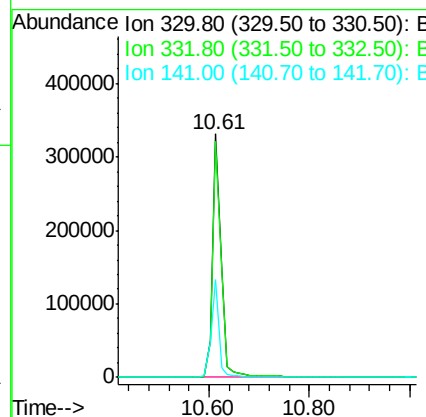
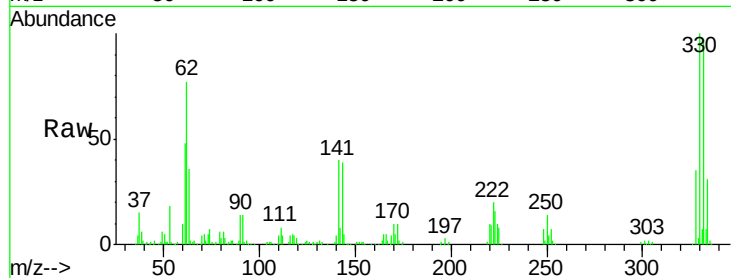




#41
 2,4,6-Tribromophenol
 Concen: 119.72 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086472.D
 Acq: 28 Apr 2016 19:29

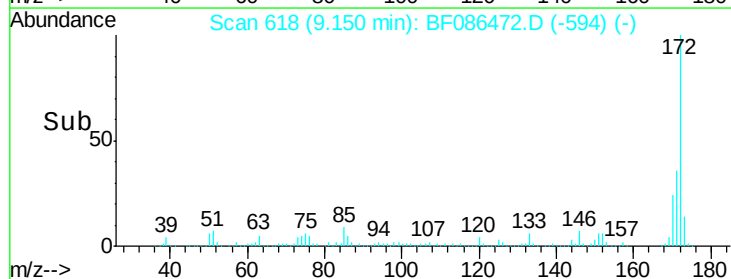
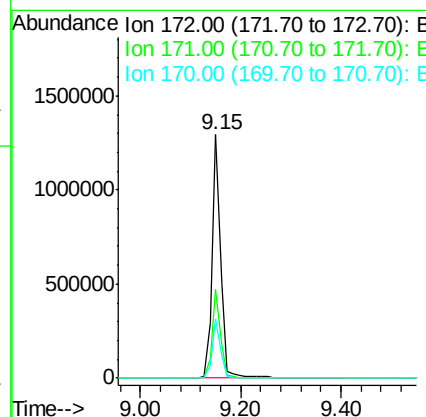
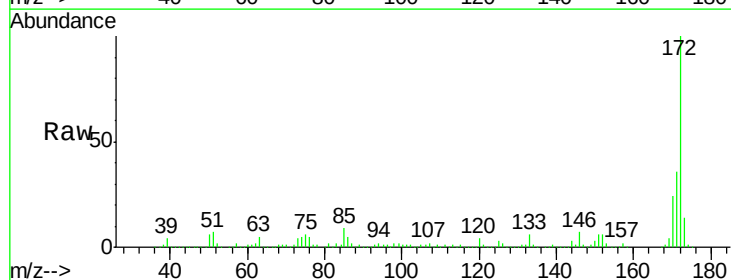
Instrument :
 BNA_F
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 TEC-COMP-B1D

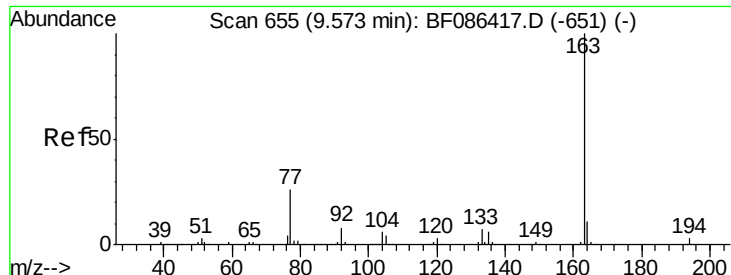
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	36.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 86.05 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086472.D
 Acq: 28 Apr 2016 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	19.8	29.8

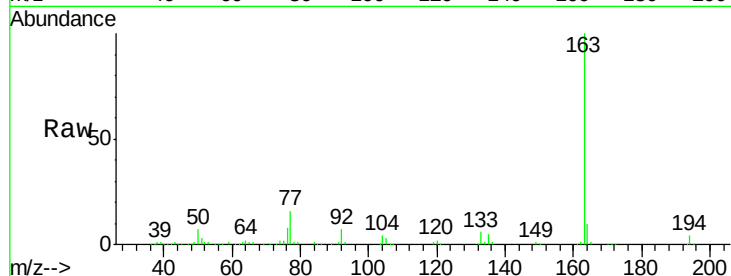




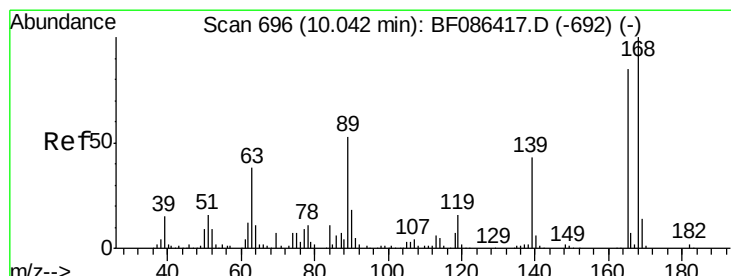
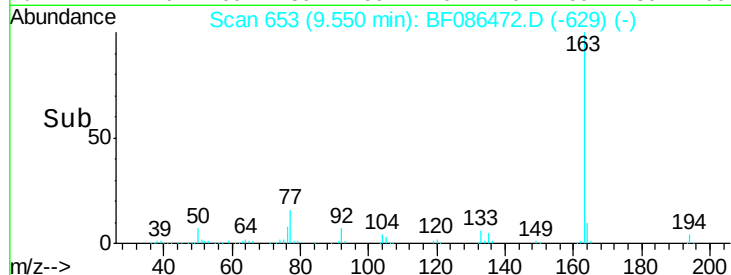
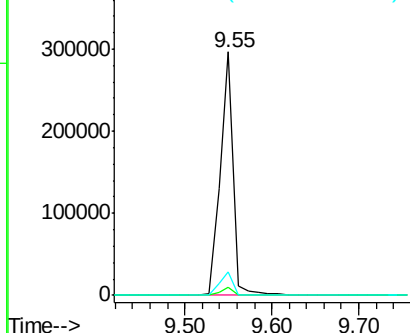
#49
Dimethylphthalate
Concen: 13.21 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

Tot Ion:163 Resp: 314627
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.2 12.4

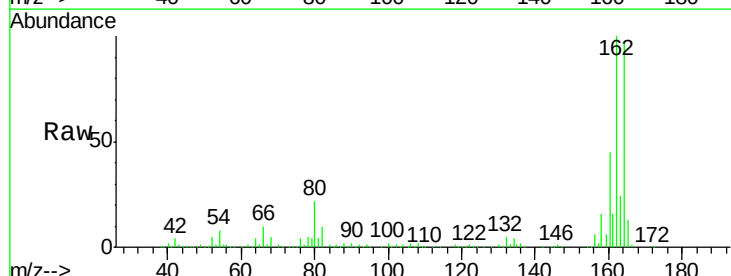


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

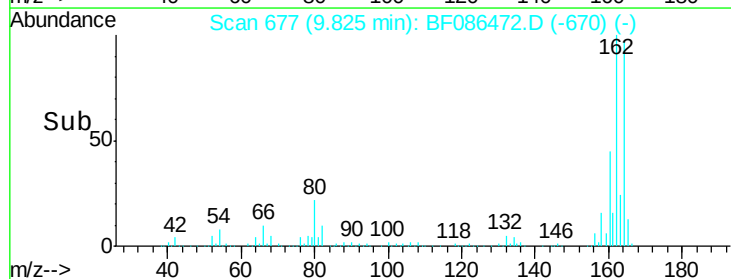
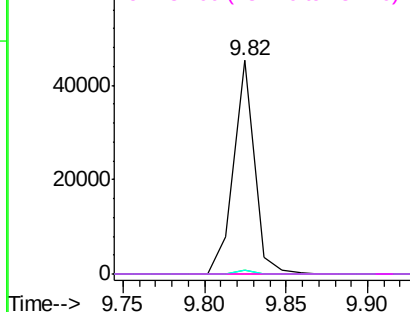


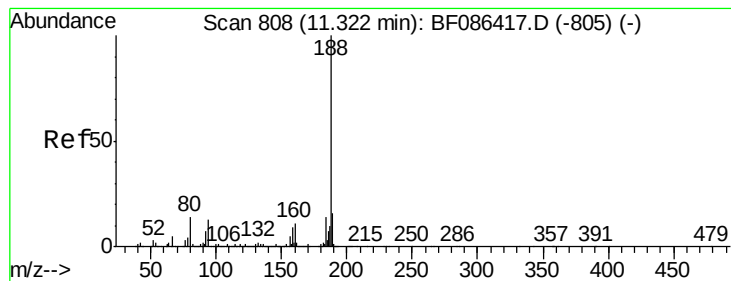
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

Tgt Ion:165 Resp: 39528
Ion Ratio Lower Upper
165 100
63 2.0 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
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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

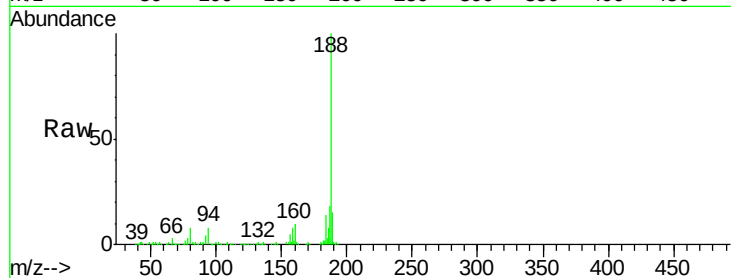
Tot Ion:188 Resp: 577835

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 8.1 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

11.31

400000

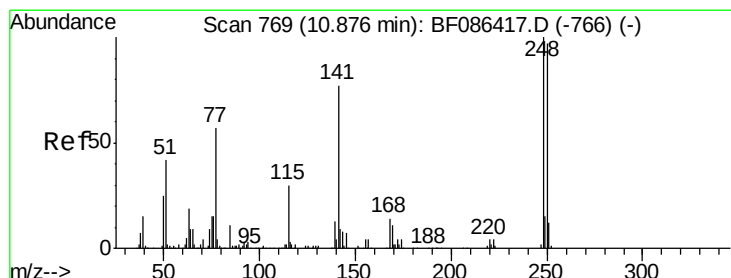
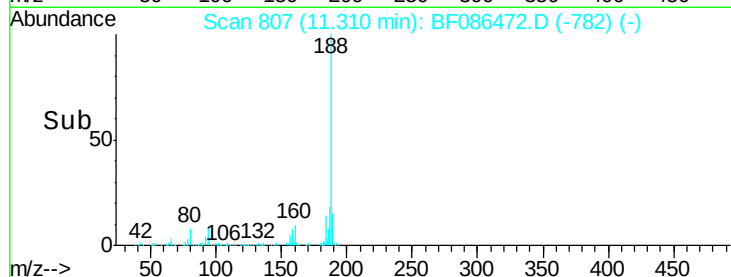
300000

200000

100000

0

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.94 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.26 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

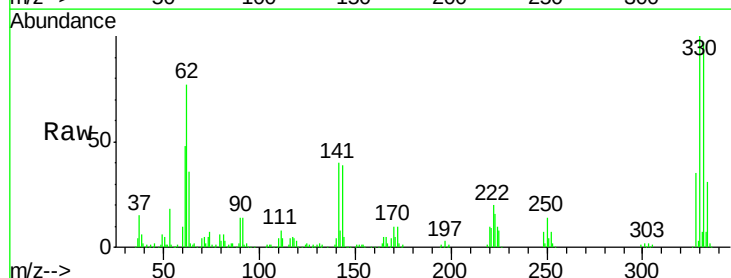
Tgt Ion:248 Resp: 23444

Ion Ratio Lower Upper

248 100

250 204.0 78.6 117.8#

141 573.4 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

10.61

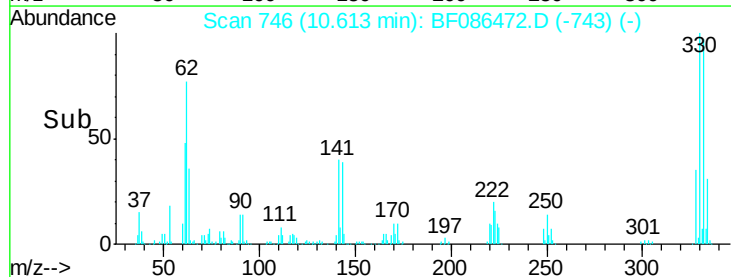
150000

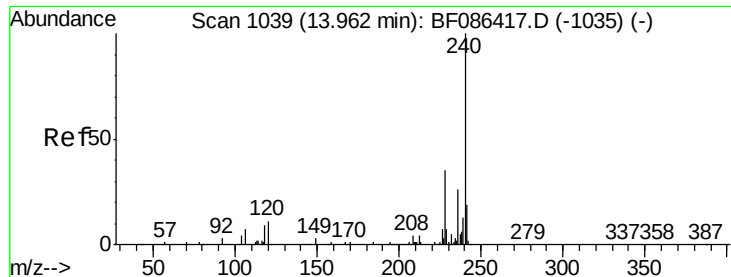
100000

50000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

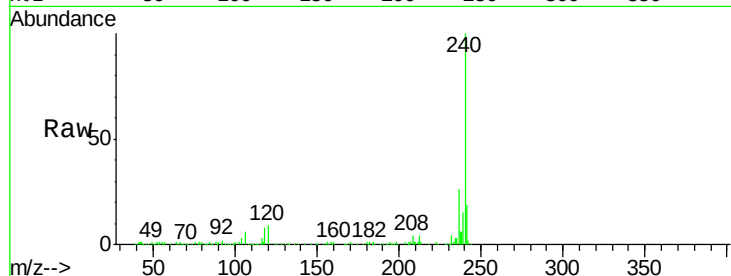
Tot Ion:240 Resp: 453758

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

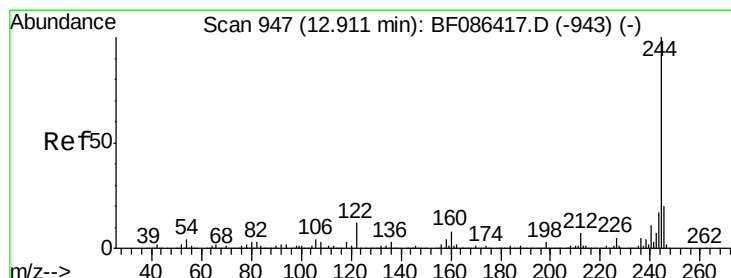
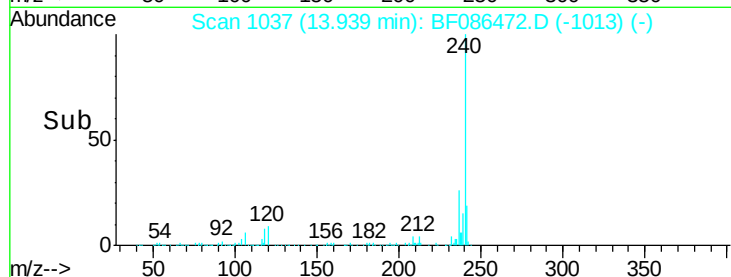
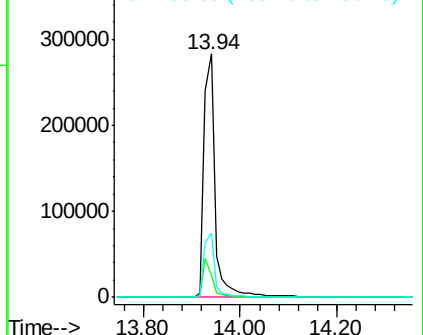
236 26.3 21.2 31.8



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: 81.27 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF086472.D

Acq: 28 Apr 2016 19:29

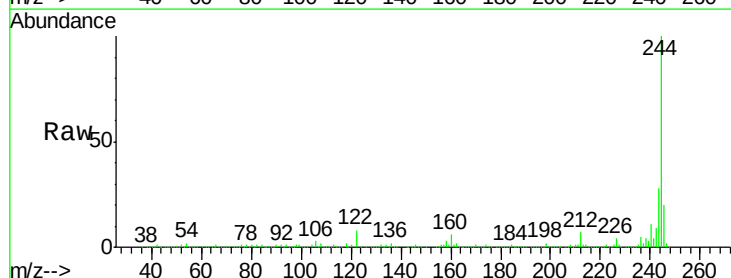
Tgt Ion:244 Resp: 1673780

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

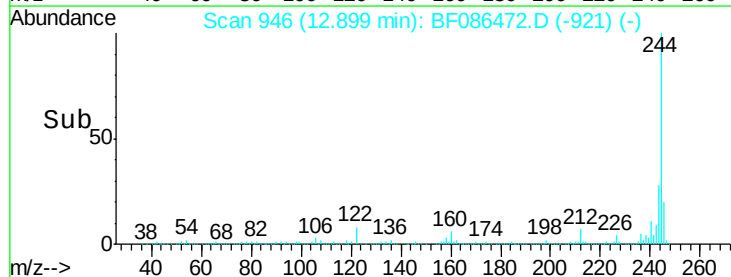
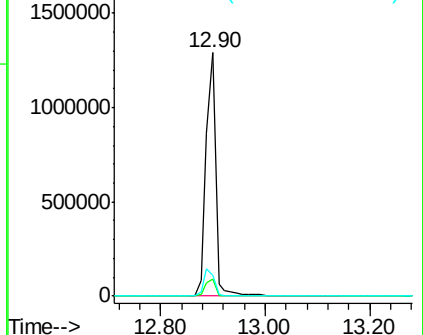
122 8.5 12.0 18.0#

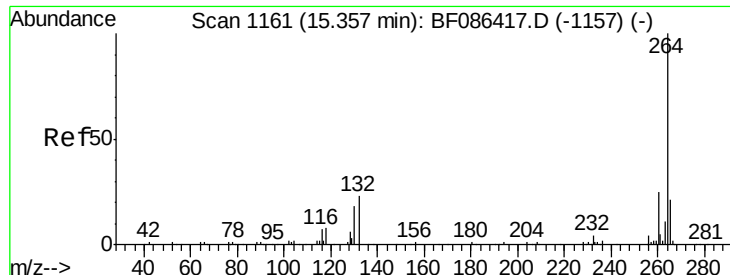


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

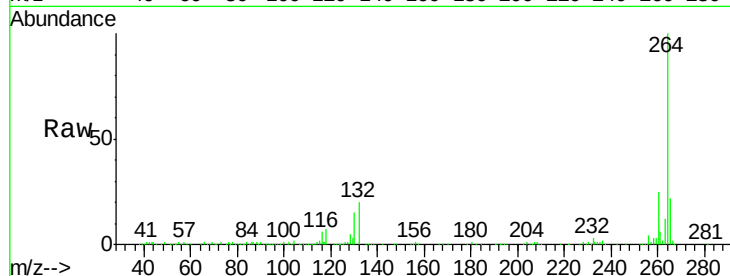




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF086472.D
Acq: 28 Apr 2016 19:29

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.6	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

