

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086447.D
 Acq On : 28 Apr 2016 2:22
 Operator : UM/SJ
 Sample : H2702-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Quant Time: Apr 28 05:44:40 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

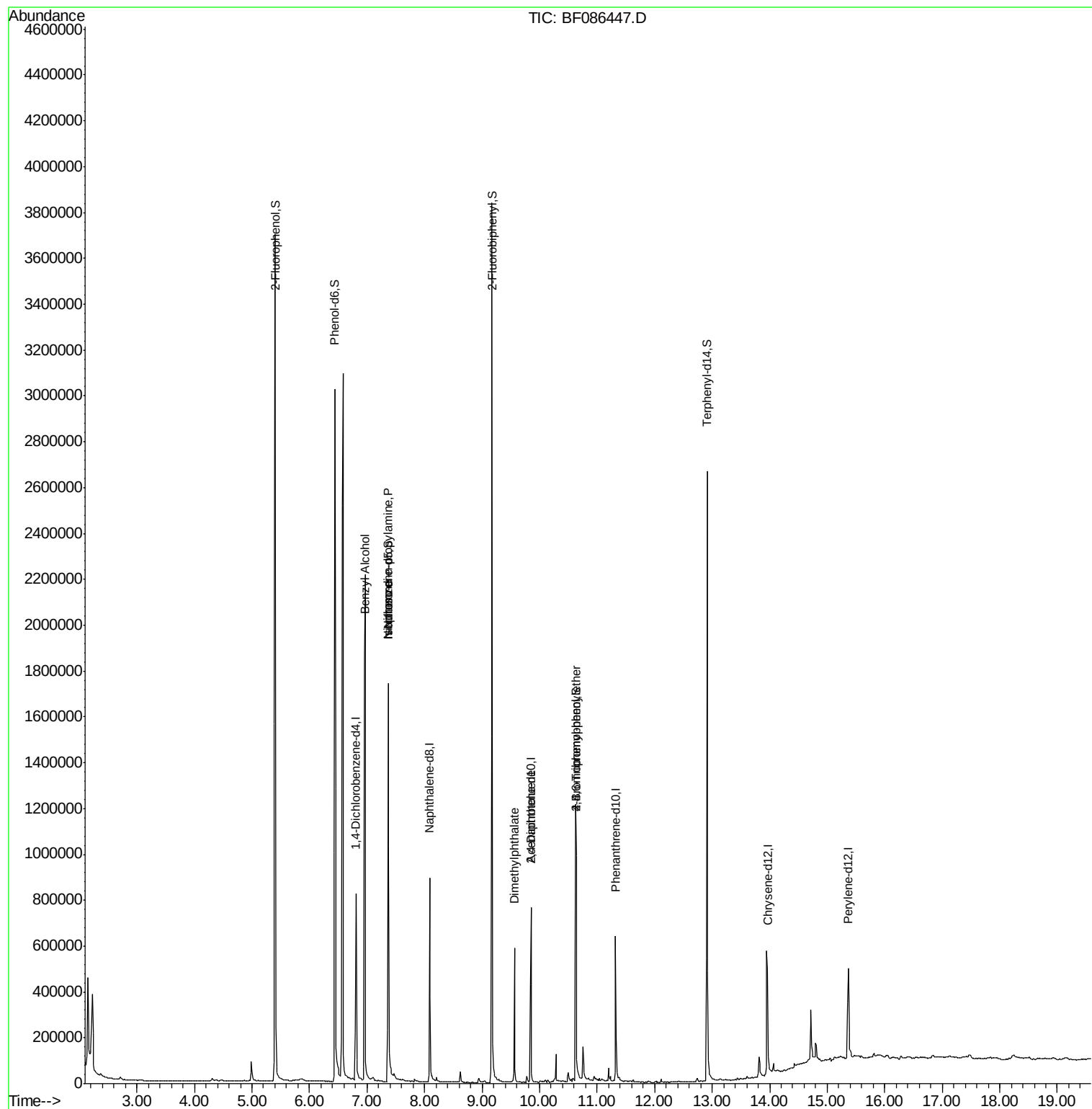
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124946	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	464496	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	179171	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	271128	20.00	ng	0.00
75) Chrysene-d12	13.96	240	294956	20.00	ng	0.00
86) Perylene-d12	15.37	264	211558	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	989224	136.56	ng	0.01
7) Phenol-d6	6.44	99	1293510	127.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	753808	87.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	210919	111.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1285173	143.49	ng	0.00
78) Terphenyl-d14	12.91	244	842940	62.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	13235	2.07	ng	# 40
19) n-Nitroso-di-n-propylamine	7.37	70	100343	15.02	ng	# 72
25) Isophorone	7.37	82	671684	40.50	ng	# 68
49) Dimethylphthalate	9.56	163	207989	15.42	ng	100
56) 2,4-Dinitrotoluene	9.85	165	22218	6.25	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	11806	4.23	ng	# 1

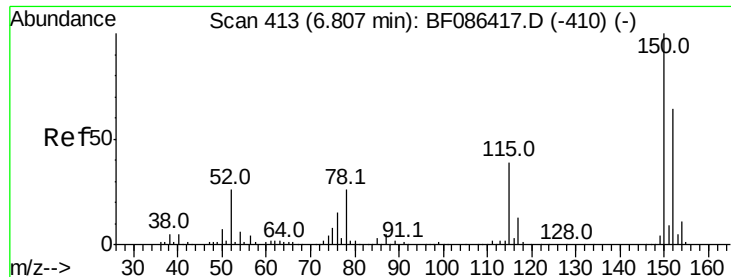
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

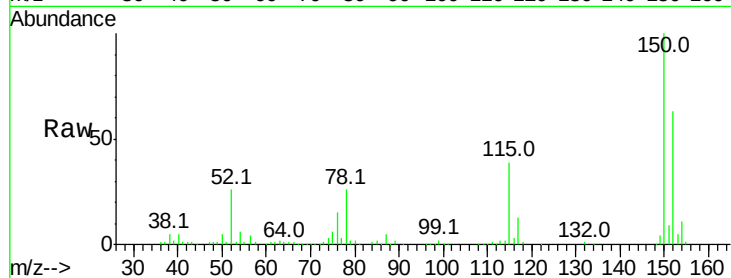
Tot Ion:152 Resp: 124946

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

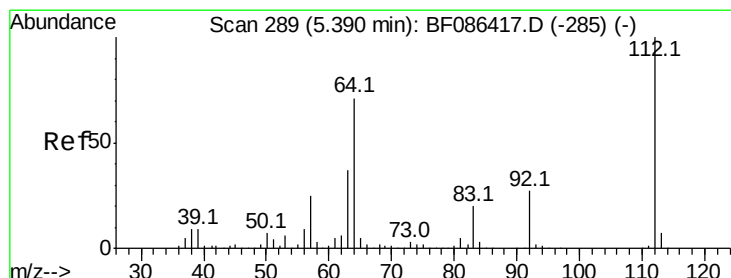
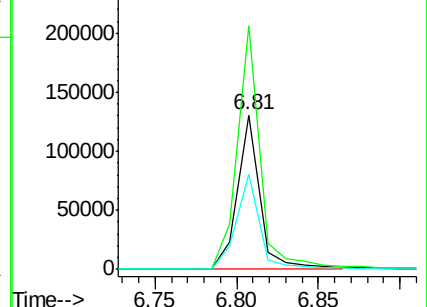
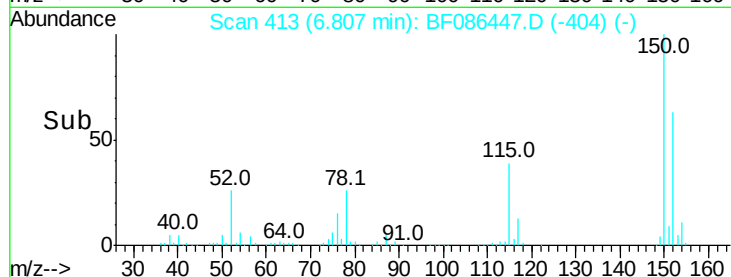
115 61.9 51.5 77.3



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: 136.56 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

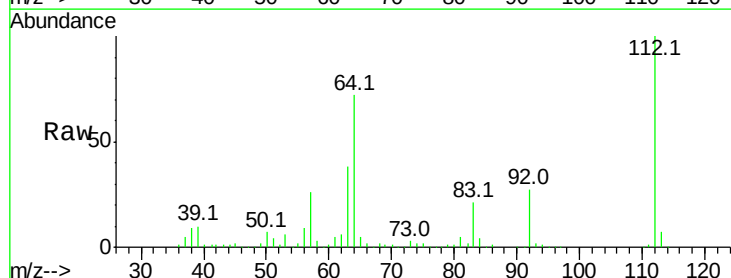
Tgt Ion:112 Resp: 989224

Ion Ratio Lower Upper

112 100

64 71.7 52.1 78.1

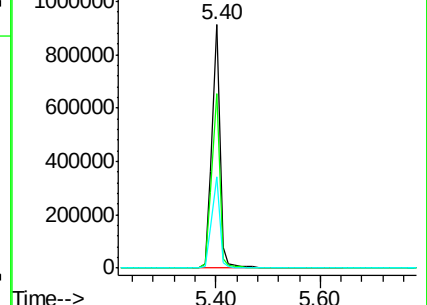
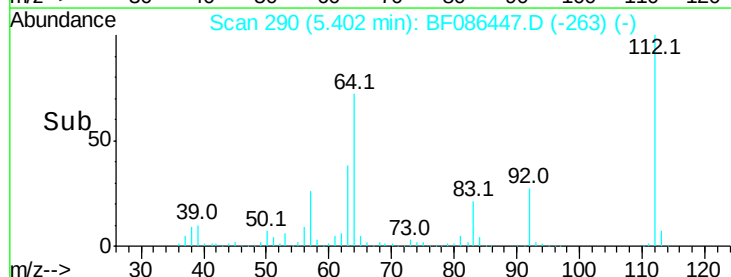
63 37.6 25.7 38.5

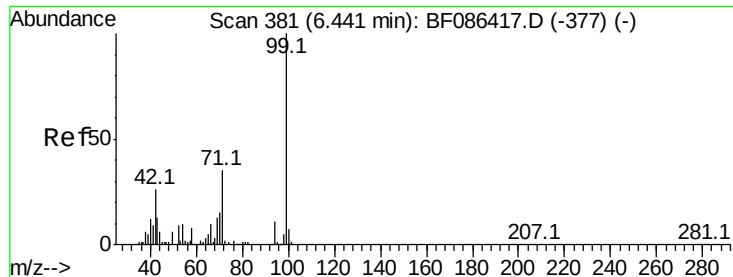


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.94 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Instrument :

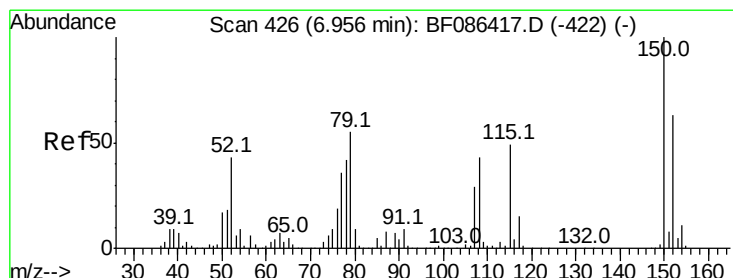
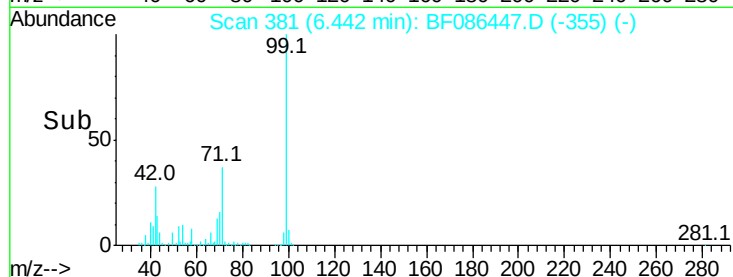
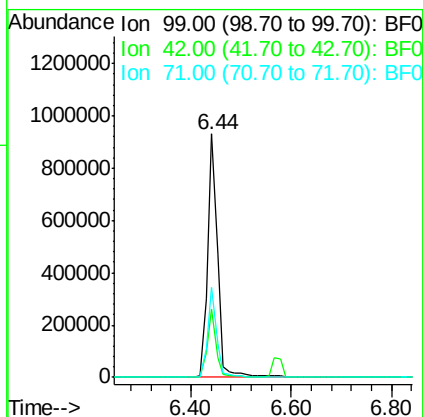
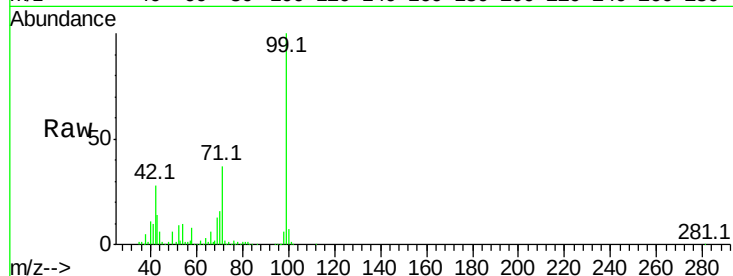
BNA_F

ClientSampleId :

TEC-COMP-B1D

Tot Ion: 99 Resp: 1293510

Ion	Ratio	Lower	Upper
99	100		
42	28.2	13.6	20.4#
71	36.7	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.96 min Scan# 426

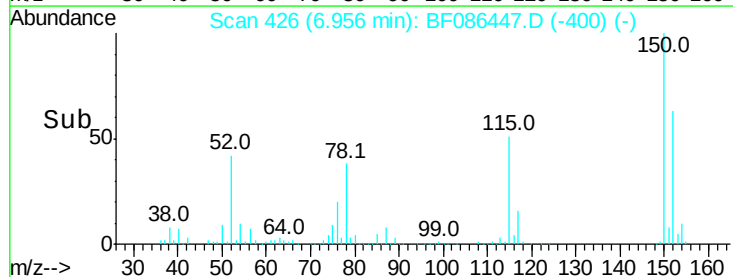
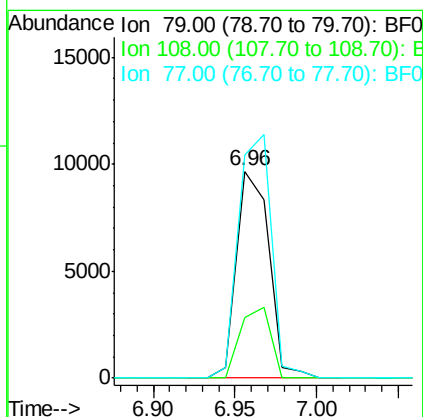
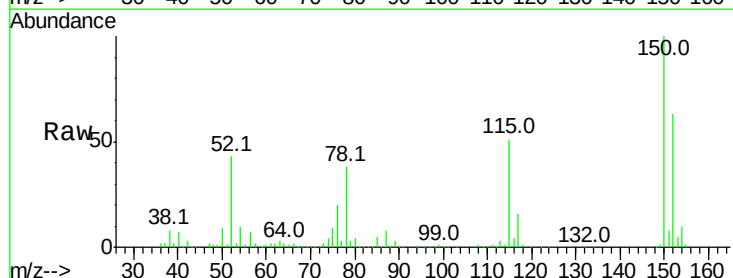
Delta R.T. 0.00 min

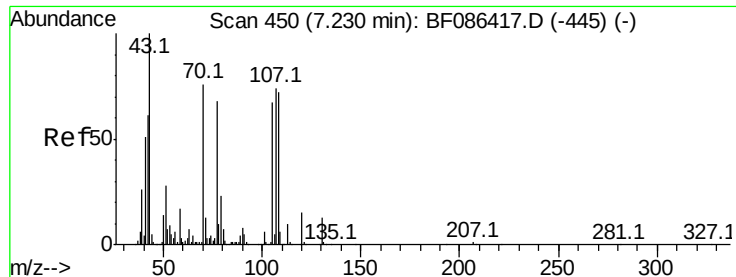
Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Tgt Ion: 79 Resp: 13235

Ion	Ratio	Lower	Upper
79	100		
108	29.4	68.4	102.6#
77	107.9	50.6	76.0#

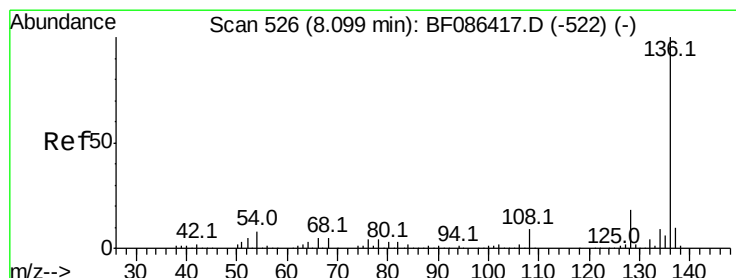
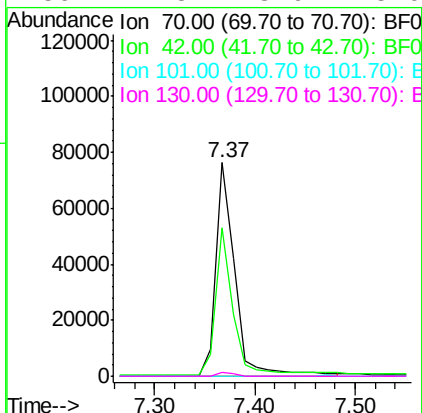
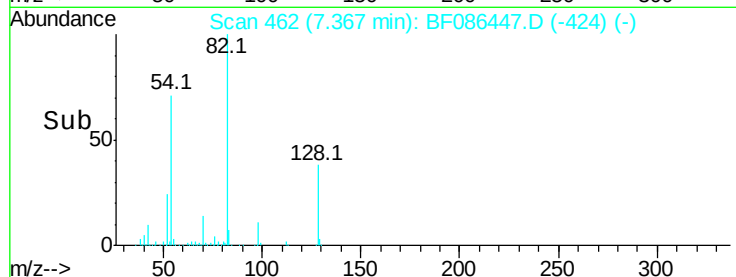
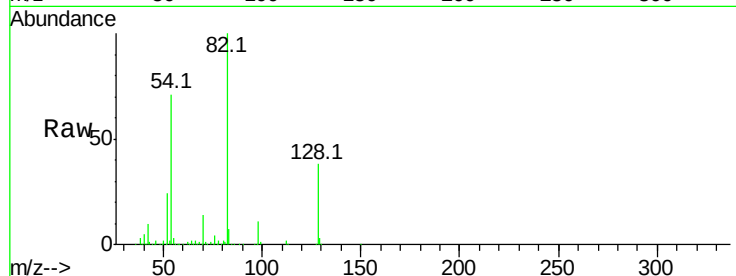




#19
n-Nitroso-di-n-propylamine
Concen: 15.02 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF086447.D
Acq: 28 Apr 2016 2:22

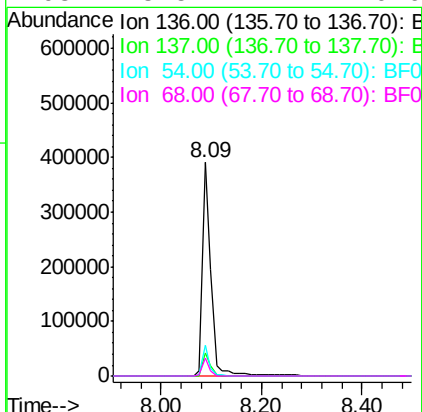
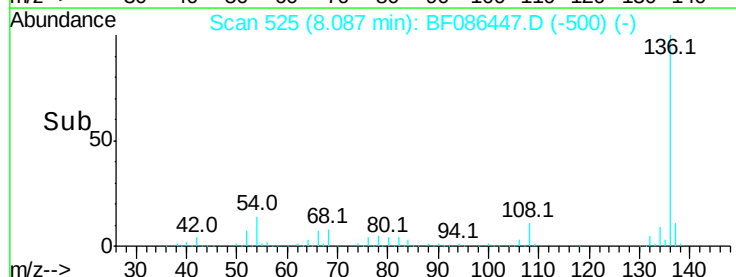
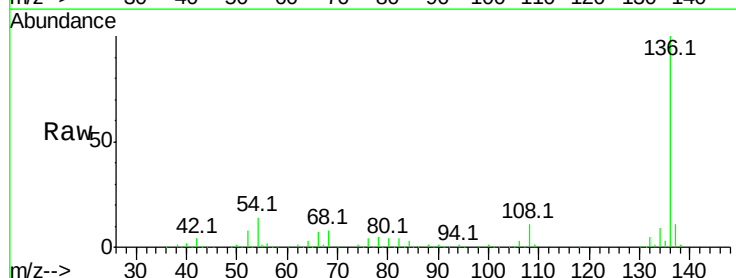
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

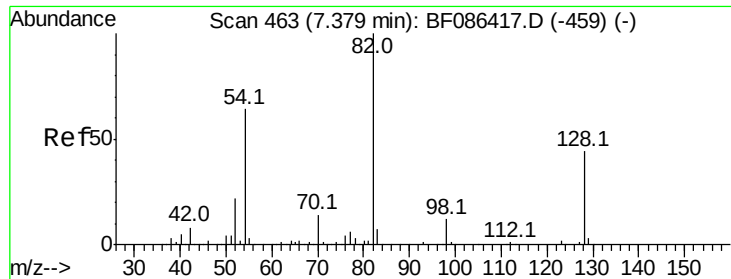
Tot Ion: 70 Resp: 100343
Ion Ratio Lower Upper
70 100
42 69.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086447.D
Acq: 28 Apr 2016 2:22

Tgt Ion: 136 Resp: 464496
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 14.5 5.0 7.4#
68 8.5 4.4 6.6#

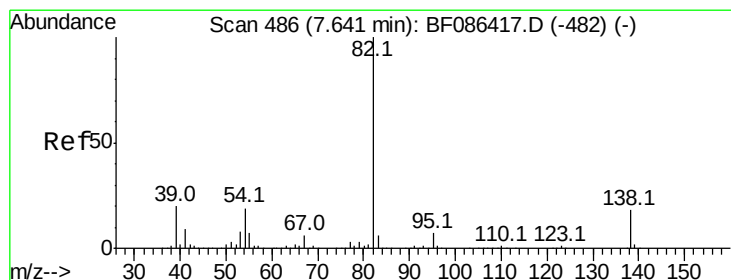
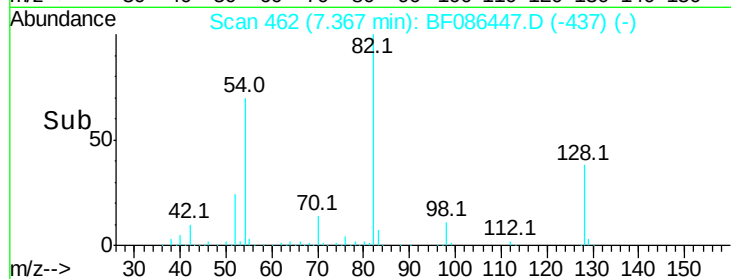
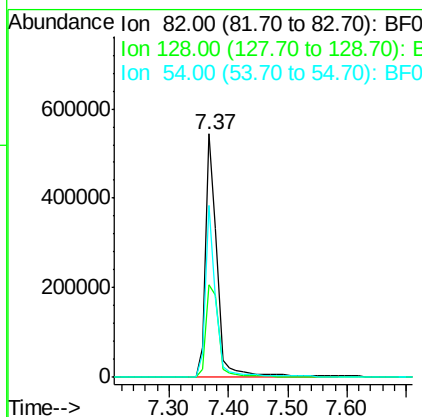
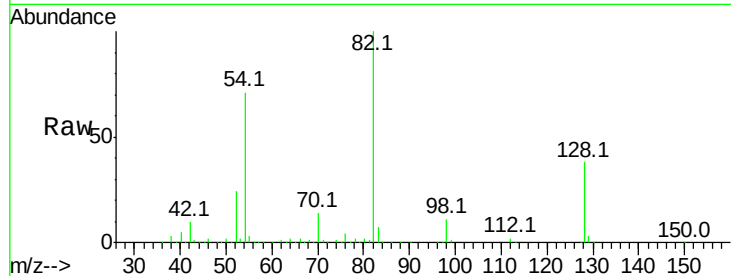




#23
 Nitrobenzene-d5
 Concen: 87.47 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

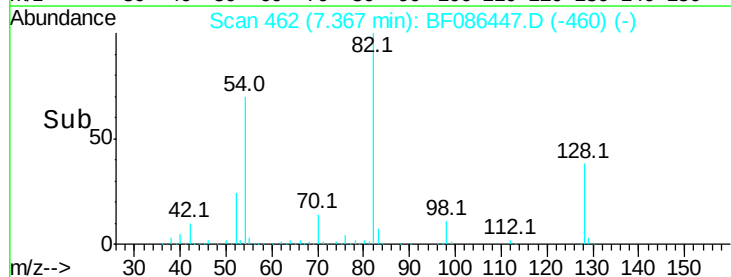
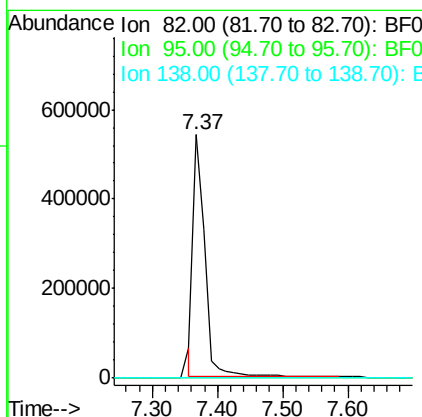
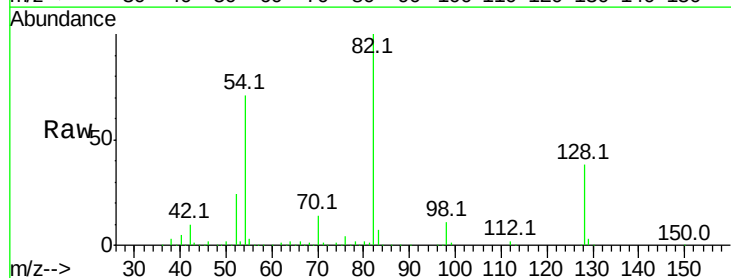
Instrument :
 BNA_F
 ClientSampleID :
 TEC-COMP-B1D

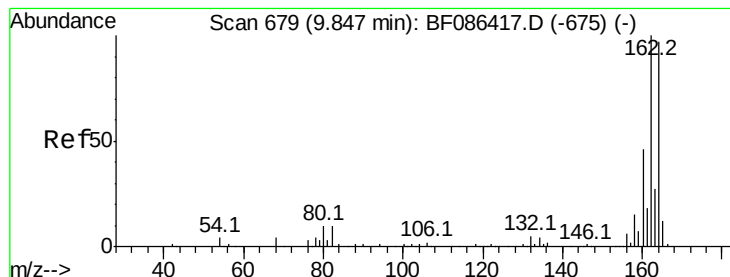
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	40.6	61.0#
54	70.5	38.1	57.1#



#25
 Isophorone
 Concen: 40.50 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.27 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Tgt 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: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

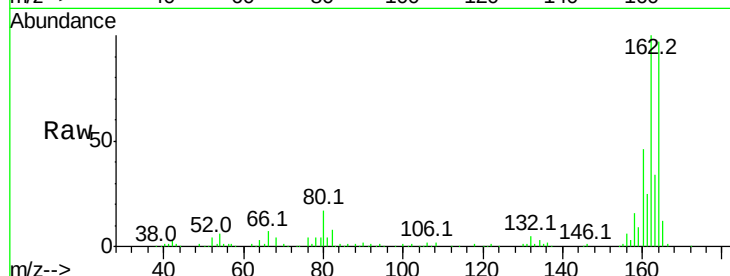
Tot Ion:164 Resp: 179171

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

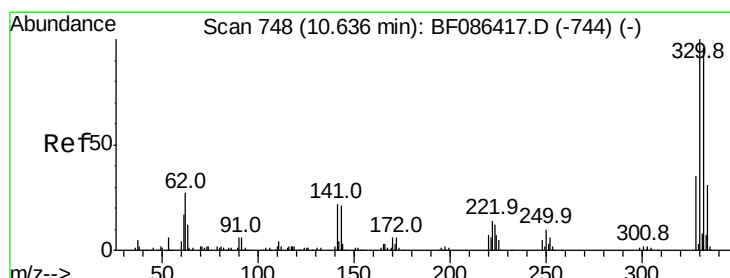
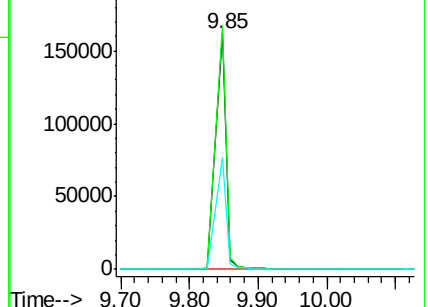
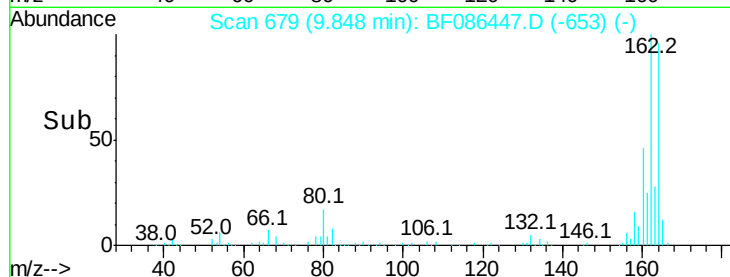
160 47.7 36.9 55.3



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: 111.63 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

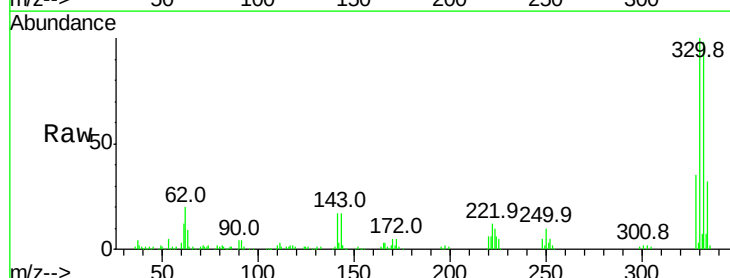
Tgt Ion:330 Resp: 210919

Ion Ratio Lower Upper

330 100

332 95.0 79.0 118.4

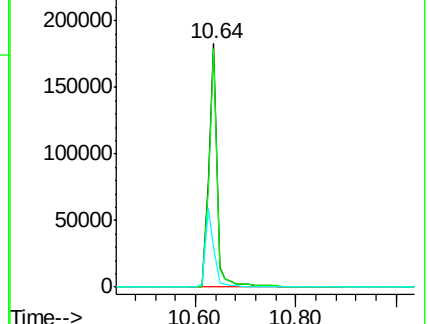
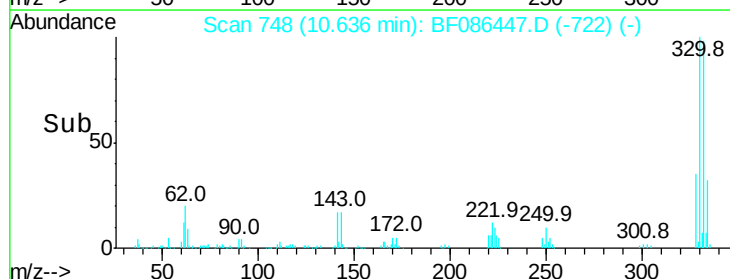
141 33.0 31.2 46.8

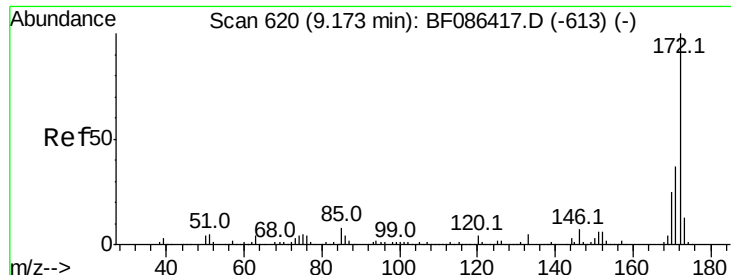


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



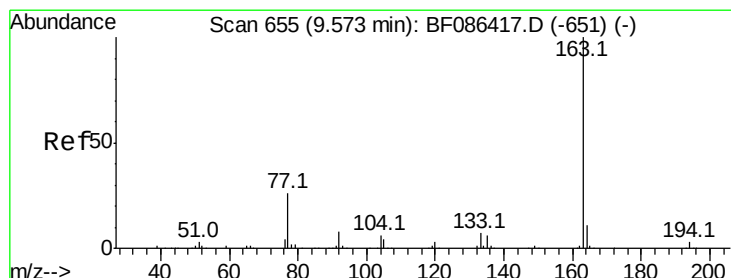
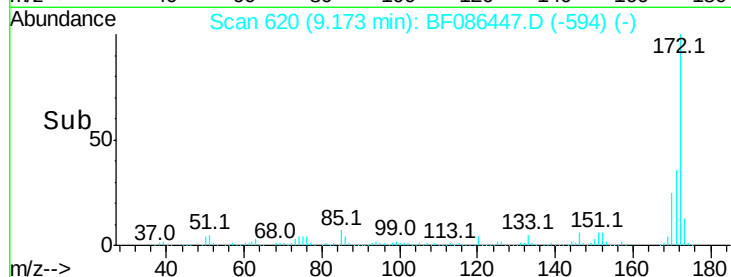
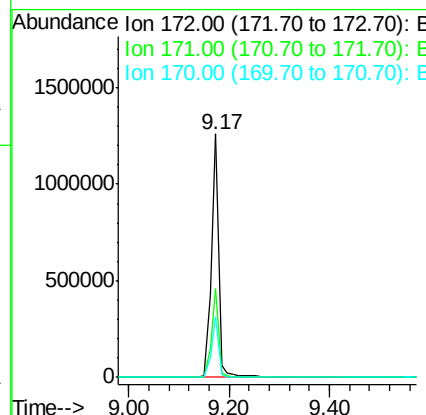
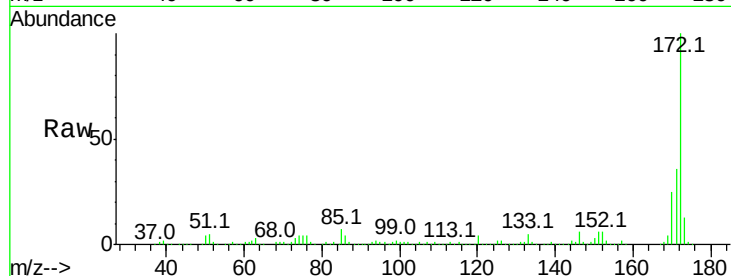


#44
 2-Fluorobiphenyl
 Concen: 143.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Tot Ion:172 Resp: 1285173

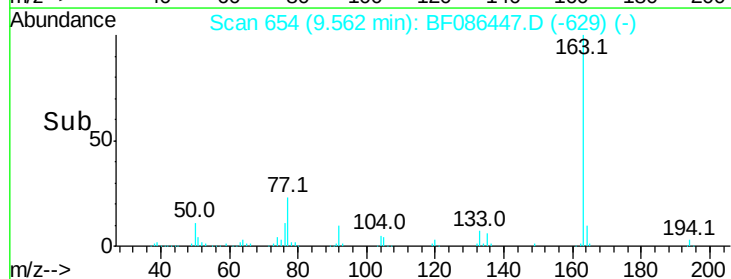
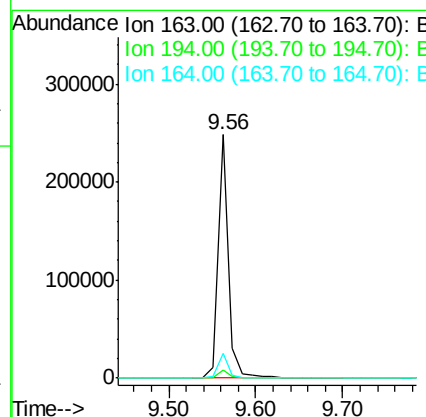
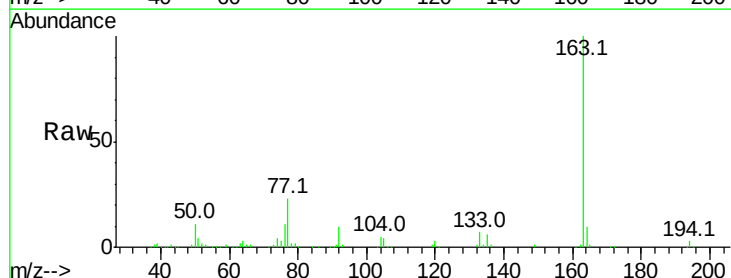
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	19.8	29.8

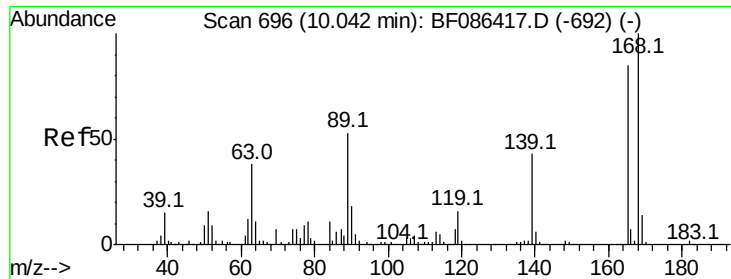


#49
 Dimethylphthalate
 Concen: 15.42 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Tgt Ion:163 Resp: 207989

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.2	12.4

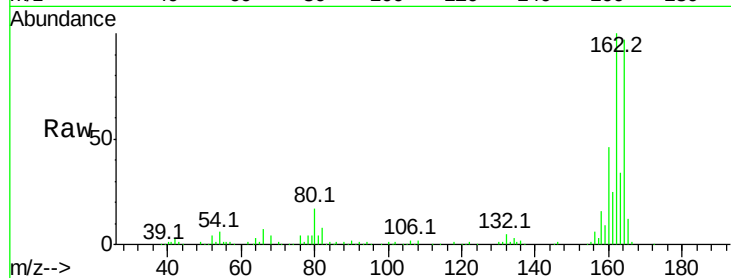




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.19 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#

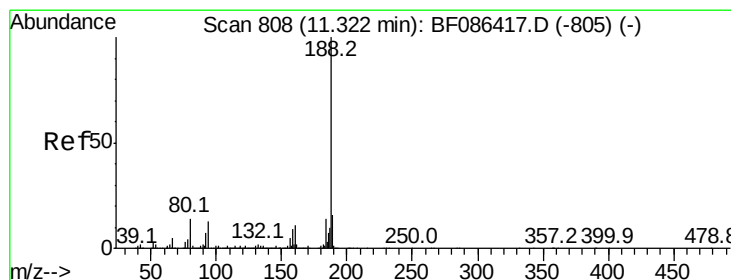
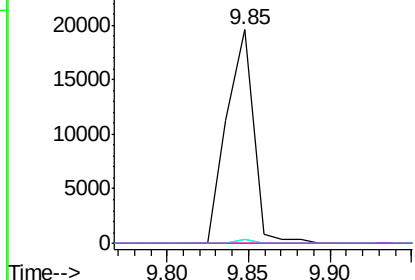
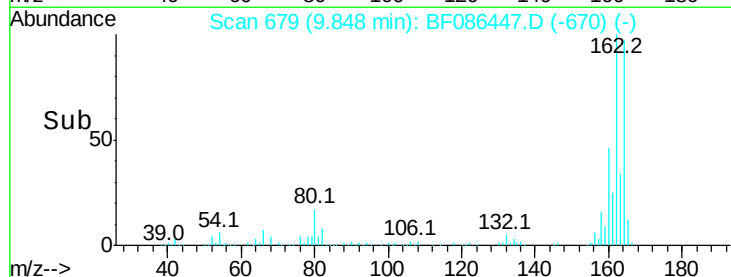


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

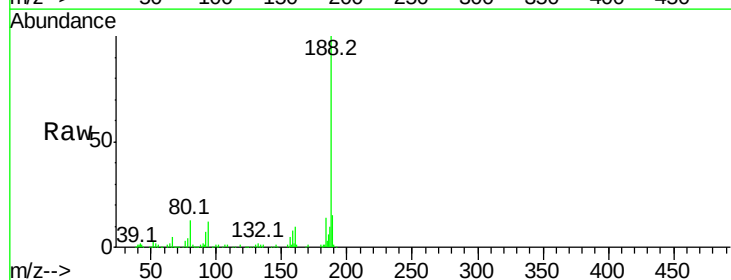
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

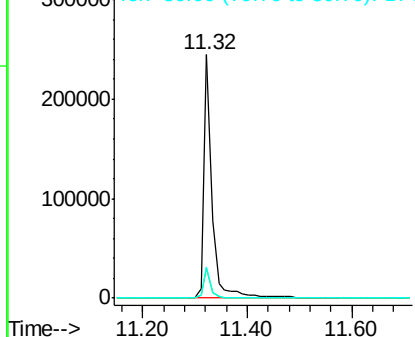
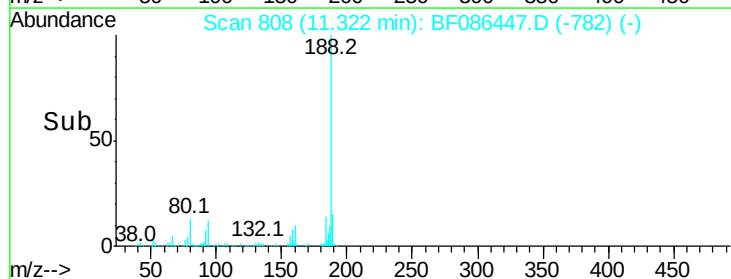
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.8	10.2#
80	12.9	7.1	10.7#

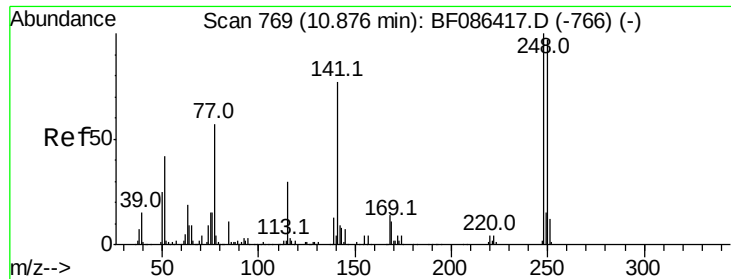


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.23 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.24 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

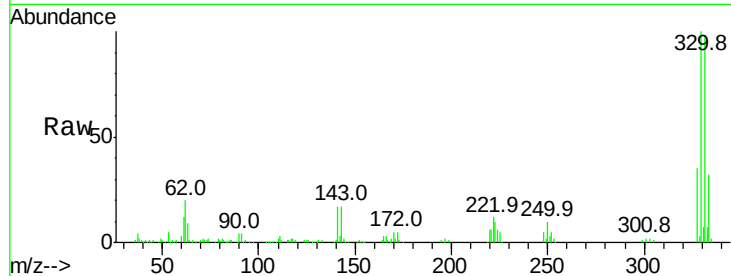
Tot Ion:248 Resp: 11806

Ion Ratio Lower Upper

248 100

250 195.0 78.6 117.8#

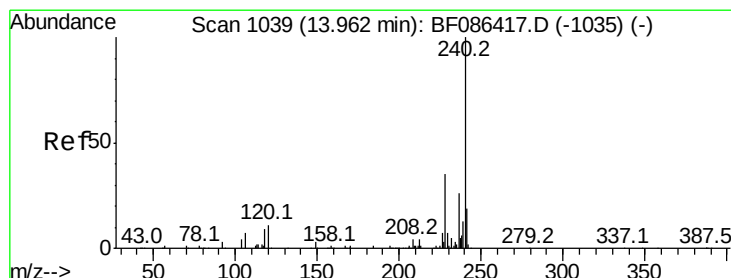
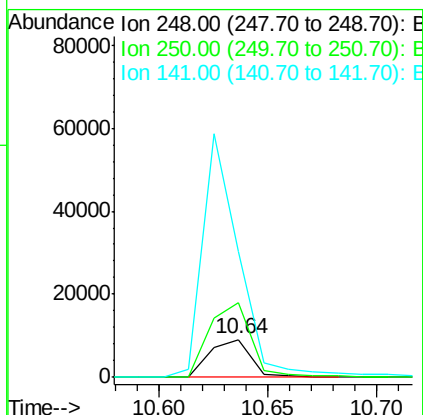
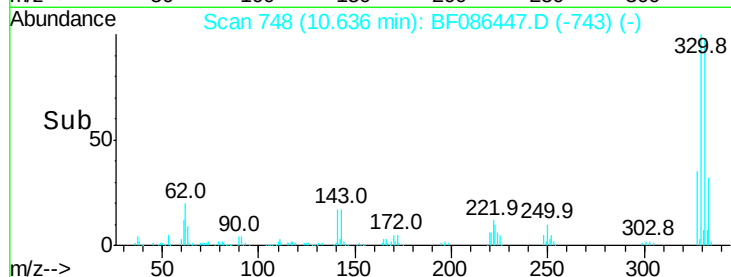
141 330.7 76.0 114.0#



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: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

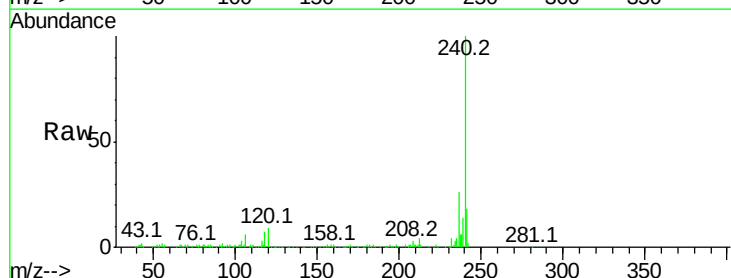
Tgt Ion:240 Resp: 294956

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

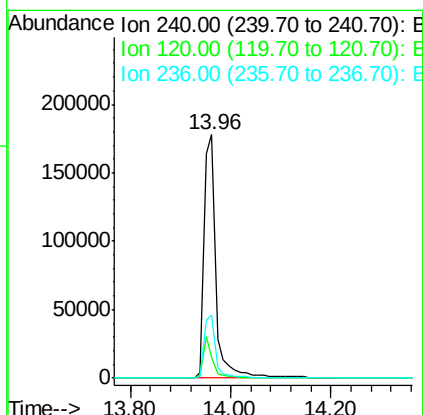
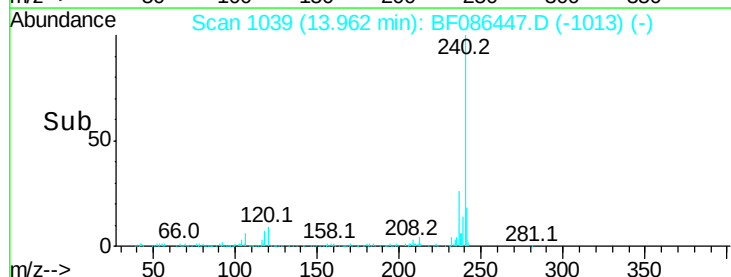
236 26.0 21.2 31.8

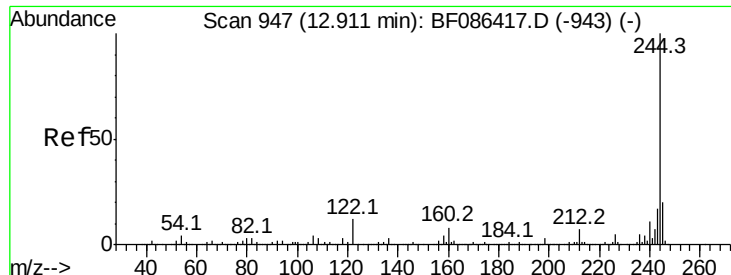


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

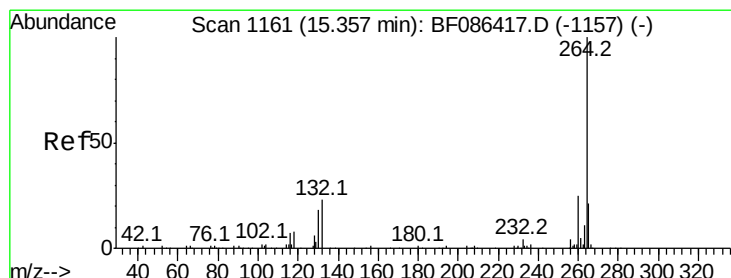
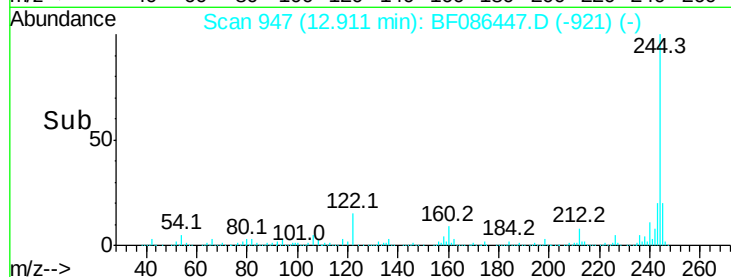
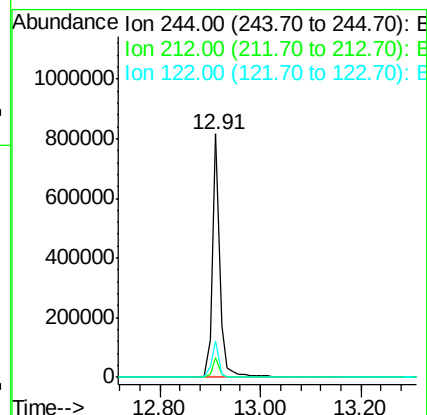
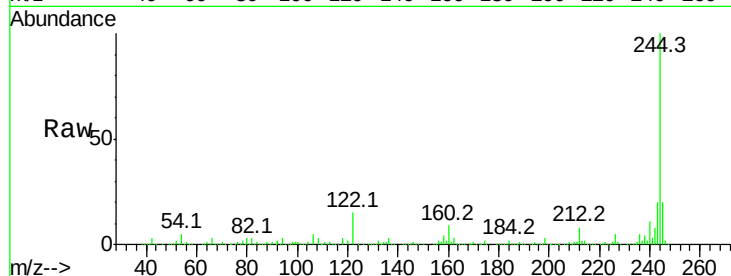




#78
 Terphenyl-d14
 Concen: 62.96 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Tot Ion:244 Resp: 842940
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.0 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Tgt Ion:264 Resp: 211558
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.1 17.3 25.9

