

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084871.D
 Acq On : 5 Feb 2016 20:33
 Operator : SJ/IZ
 Sample : H1328-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-25

Quant Time: Feb 05 22:21:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

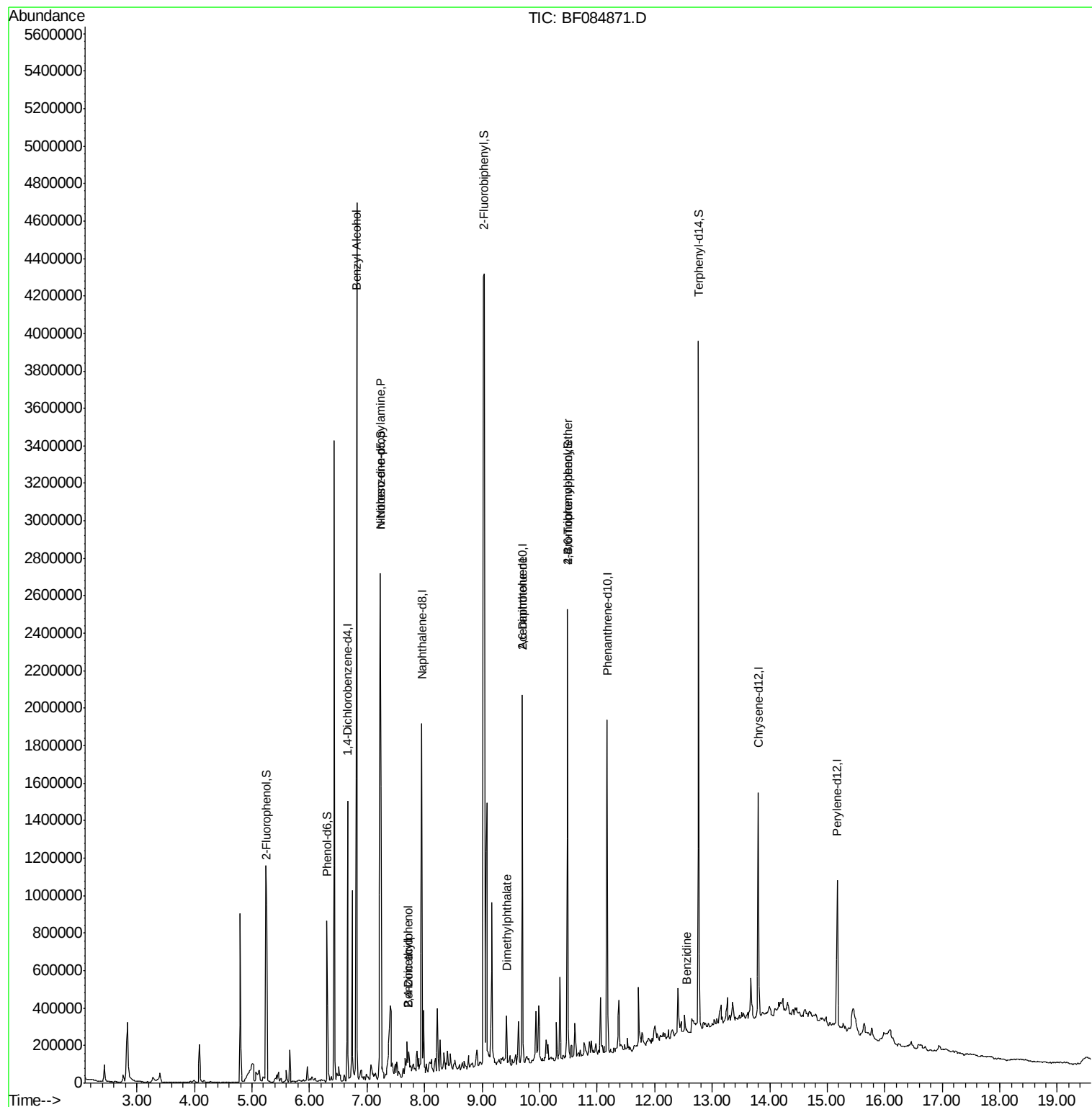
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	205449	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	888043	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	377807	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	603097	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	393907	20.00	ng	-0.03
86) Perylene-d12	15.17	264	343103	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	431868	32.74	ng	-0.02
7) Phenol-d6	6.30	99	316882	19.38	ng	-0.03
23) Nitrobenzene-d5	7.23	82	1190934	75.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	318107	80.72	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	2147462	103.05	ng	-0.02
78) Terphenyl-d14	12.76	244	1117694	64.30	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	6.82	79	25232	2.23	ng	# 48
19) n-Nitroso-di-n-propylamine	7.23	70	163978	16.00	ng	# 71
27) 2,4-Dimethylphenol	7.72	122	38211	2.64	ng	# 3
32) Benzoic acid	7.72	122	38211	4.13	ng	90
49) Dimethylphthalate	9.42	163	87551	3.04	ng	# 91
50) 2,6-Dinitrotoluene	9.70	165	48436	7.71	ng	# 40
66) 4-Bromophenyl-phenylether	10.49	248	21591	3.24	ng	# 1
76) Benzidine	12.56	184	2272	7.00	ng	# 1

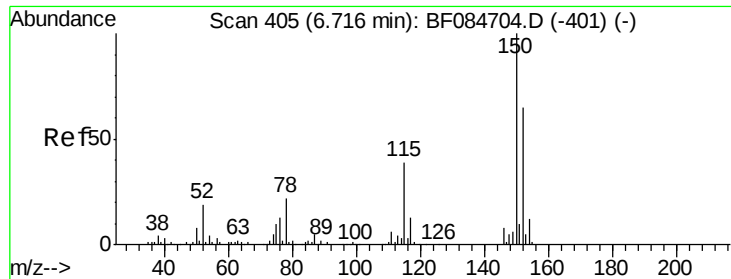
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

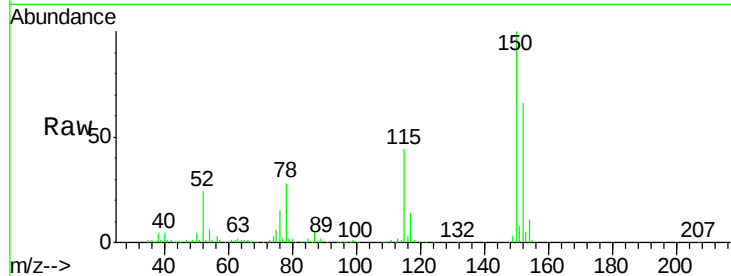
Tgt Ion:152 Resp: 205449

Ion Ratio Lower Upper

152 100

150 152.7 123.0 184.4

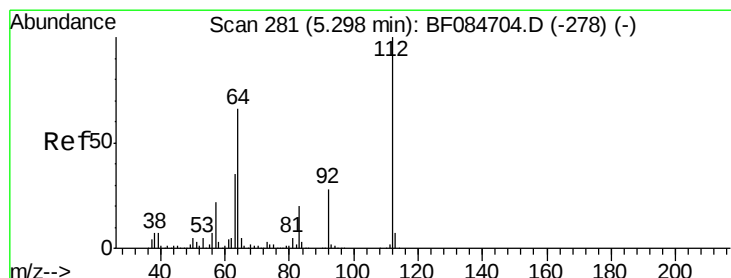
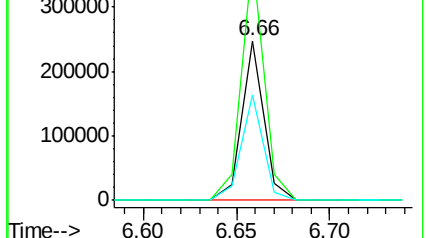
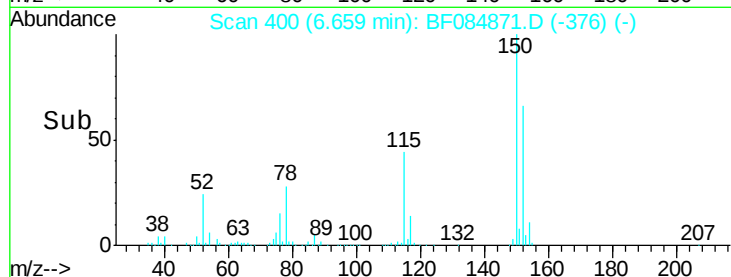
115 66.4 51.4 77.2



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: 32.74 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

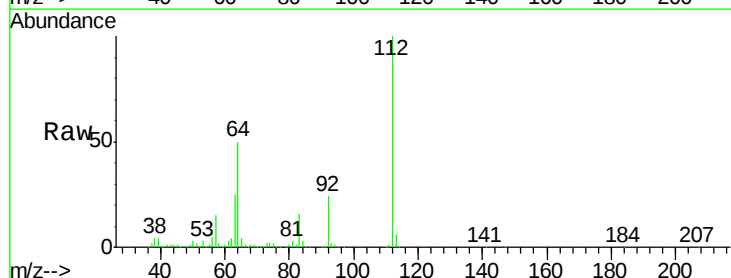
Tgt Ion:112 Resp: 431868

Ion Ratio Lower Upper

112 100

64 50.2 36.6 55.0

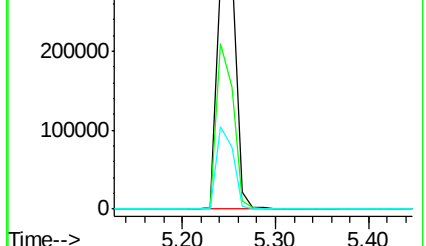
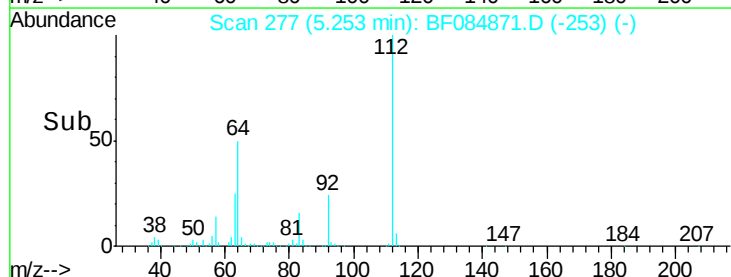
63 25.4 19.4 29.0

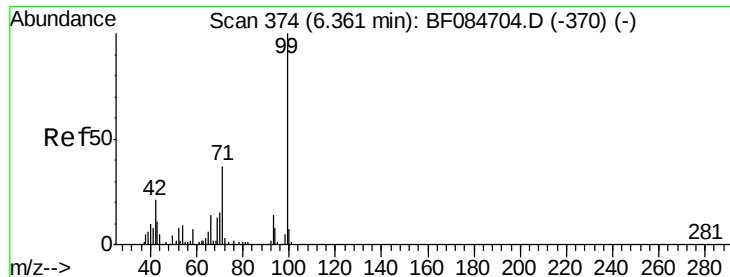


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.38 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

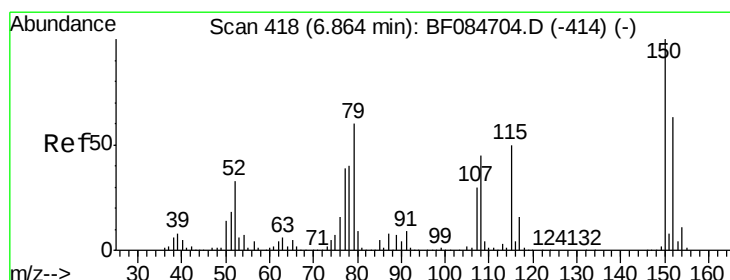
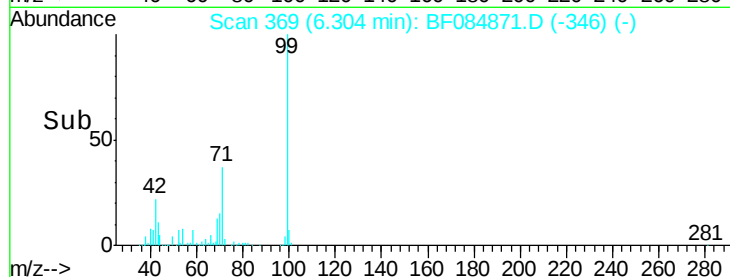
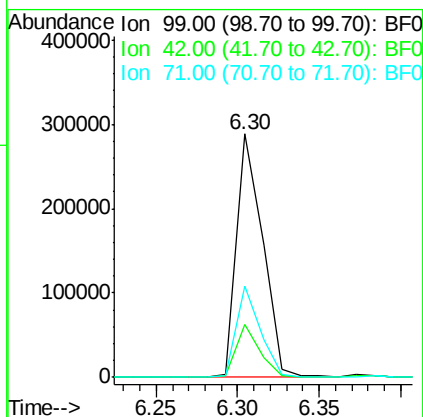
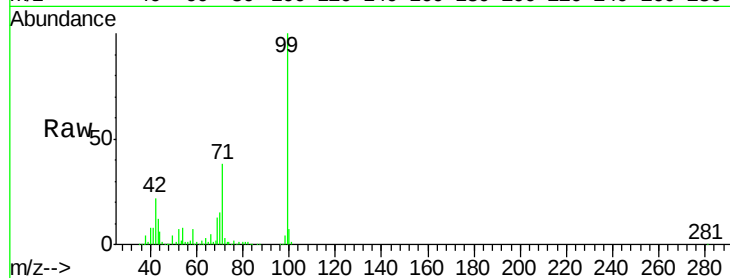
Tgt Ion: 99 Resp: 316882

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

71 37.6 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

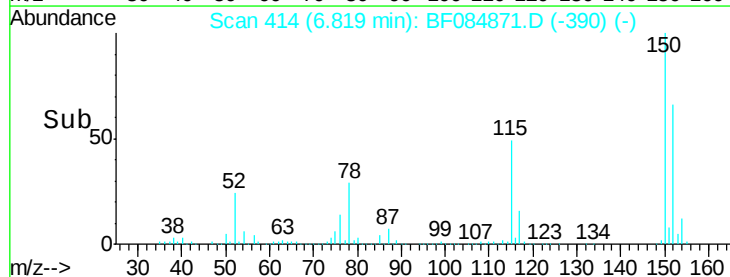
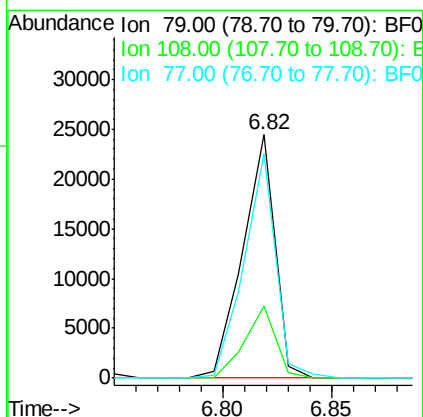
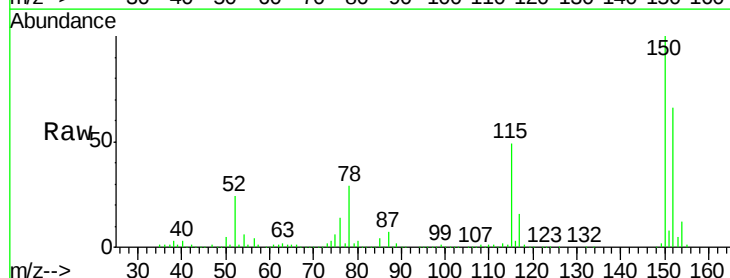
Tgt Ion: 79 Resp: 25232

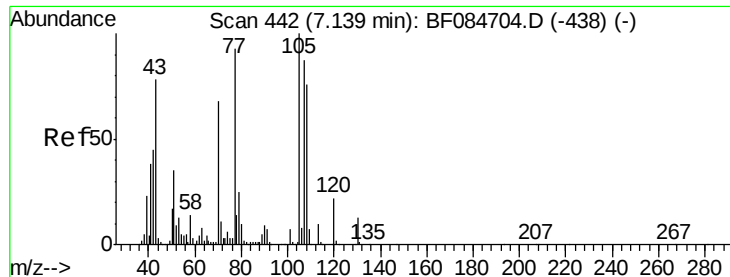
Ion Ratio Lower Upper

79 100

108 29.6 69.0 103.4#

77 92.1 50.0 75.0#

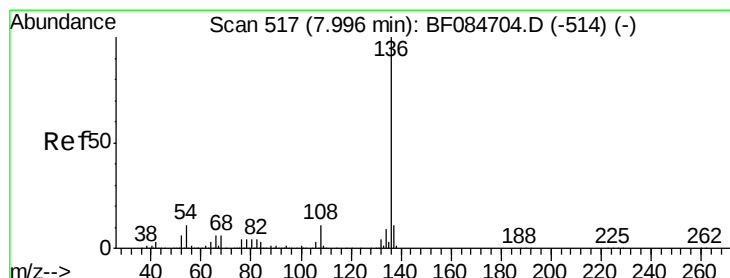
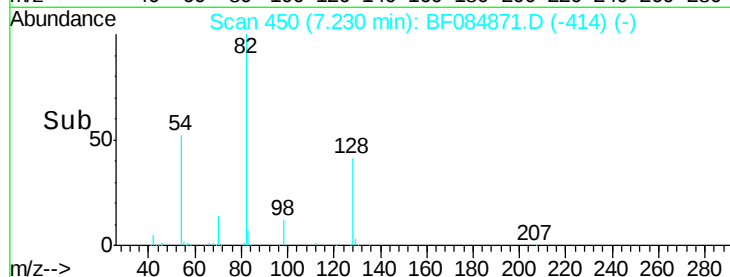
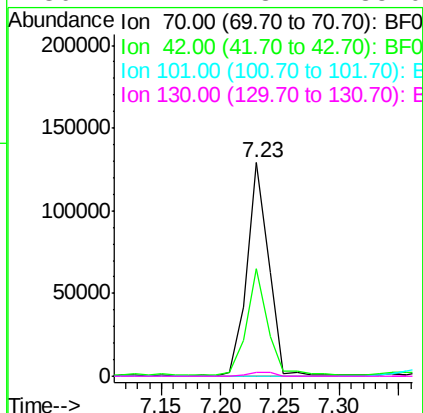
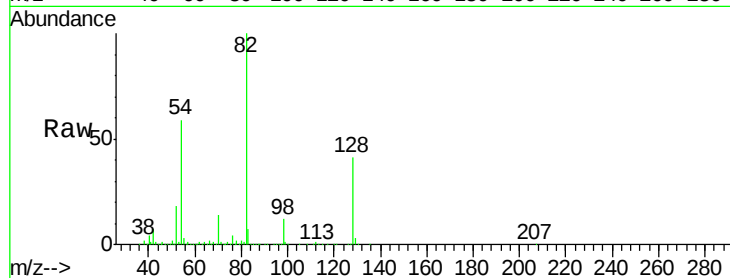




#19
n-Nitroso-di-n-propylamine
Concen: 16.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

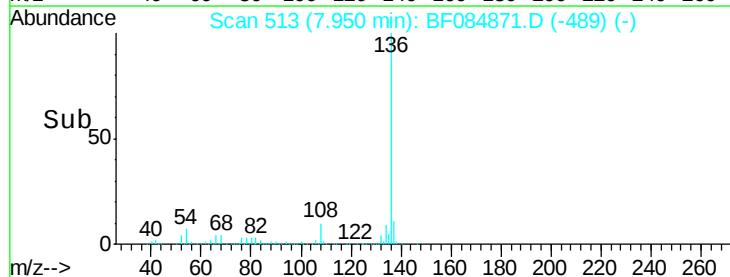
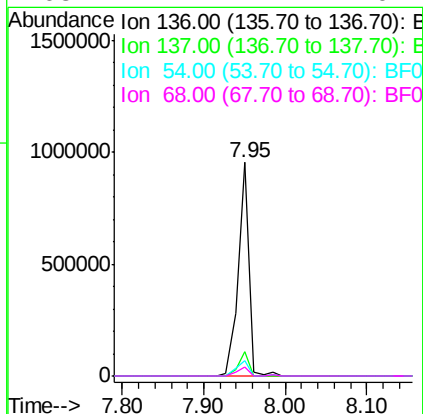
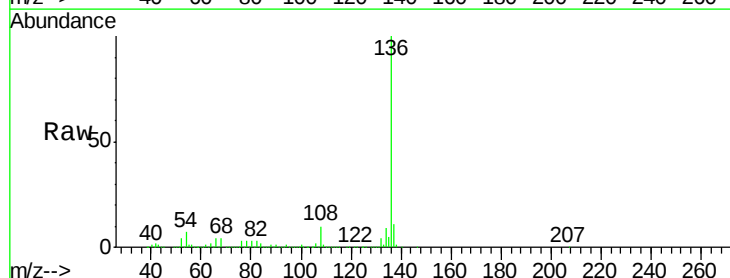
Instrument :
BNA_F
ClientSampleId :
TEC-25

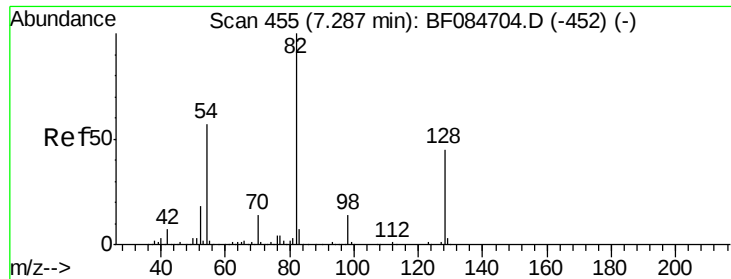
Tgt Ion: 70 Resp: 163978
Ion Ratio Lower Upper
70 100
42 50.1 33.3 49.9#
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

Tgt Ion: 136 Resp: 888043
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.1 5.8 8.8
68 4.2 4.2 6.2

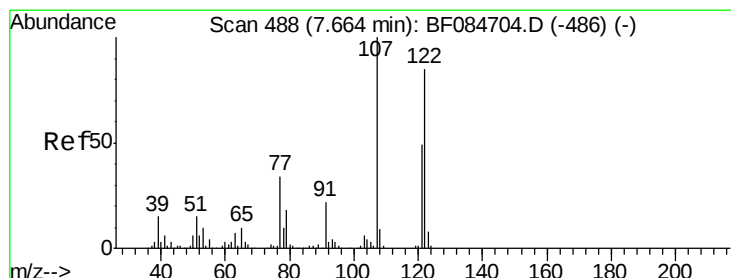
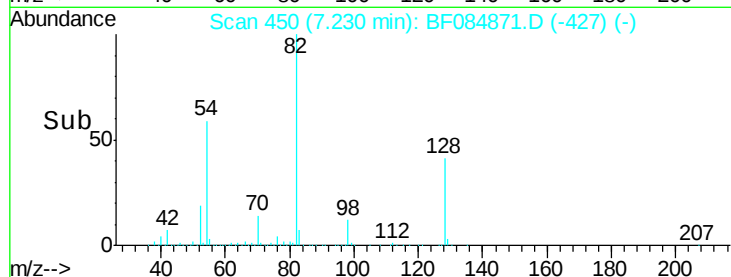
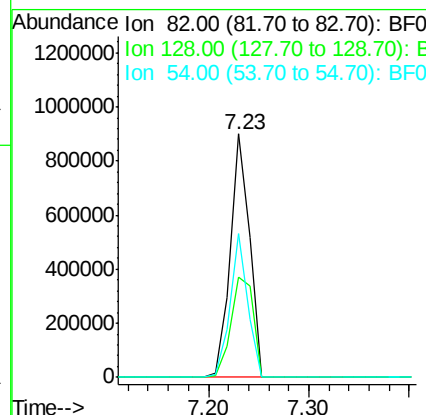
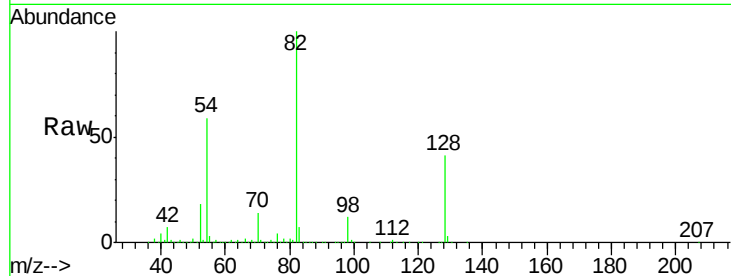




#23
 Nitrobenzene-d5
 Concen: 75.55 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

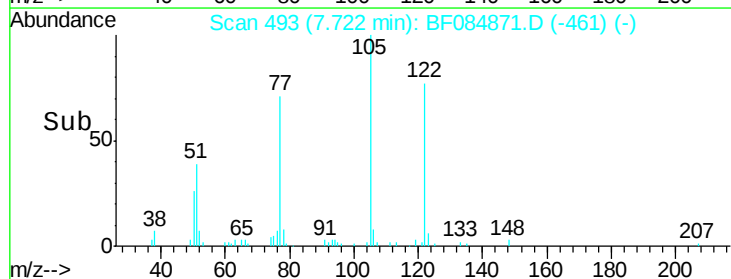
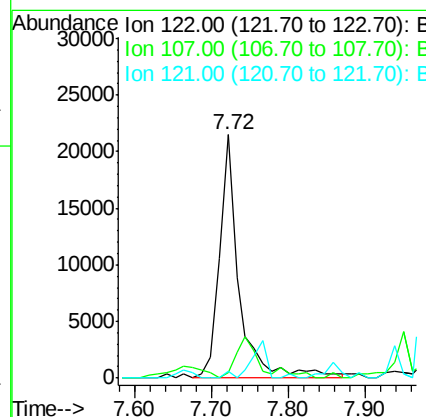
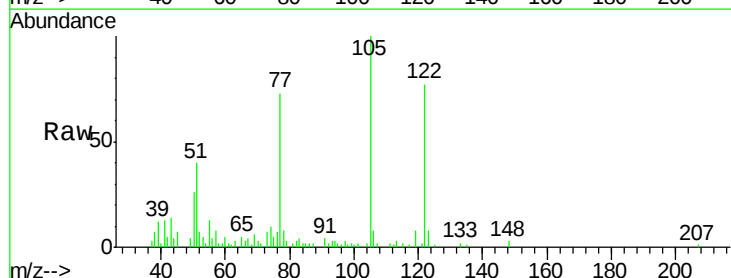
Instrument :
 BNA_F
 ClientSampleId :
 TEC-25

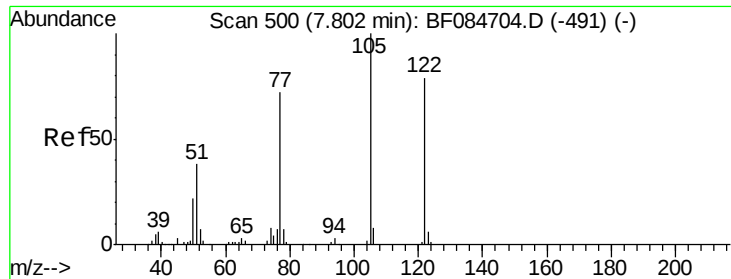
Tgt Ion: 82 Resp: 1190934
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 59.1 38.4 57.6#



#27
 2,4-Dimethylphenol
 Concen: 2.64 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.07 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

Tgt Ion: 122 Resp: 38211
 Ion Ratio Lower Upper
 122 100
 107 2.5 99.1 148.7#
 121 2.9 47.9 71.9#

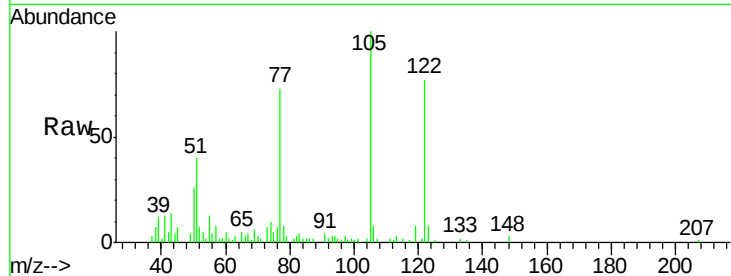




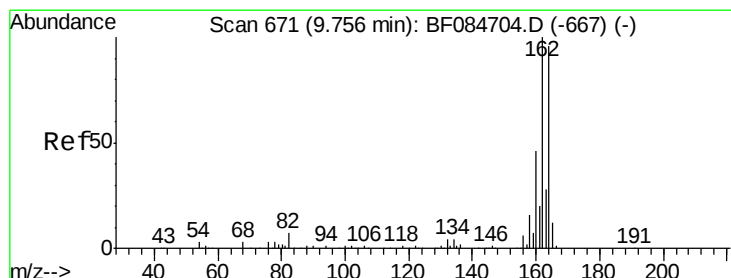
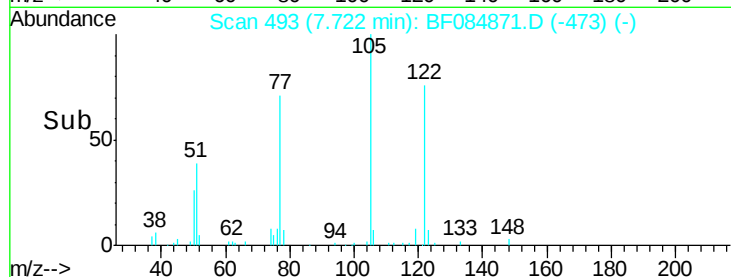
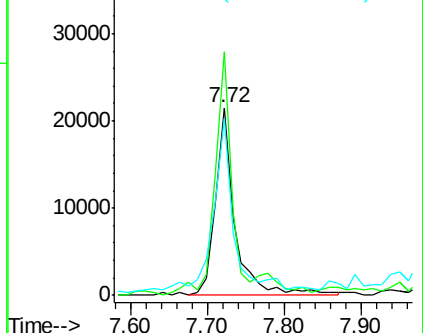
#32
Benzoic acid
Concen: 4.13 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.07 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TEC-25

Tgt Ion:122 Resp: 38211
Ion Ratio Lower Upper
122 100
105 129.9 100.3 140.3
77 94.6 63.5 103.5

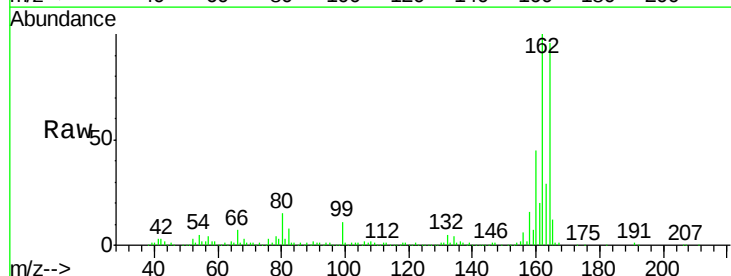


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

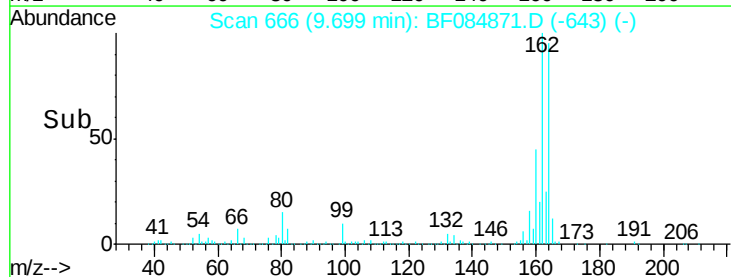
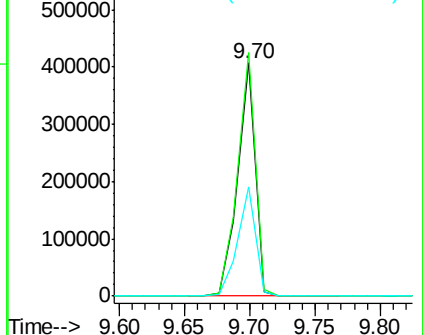


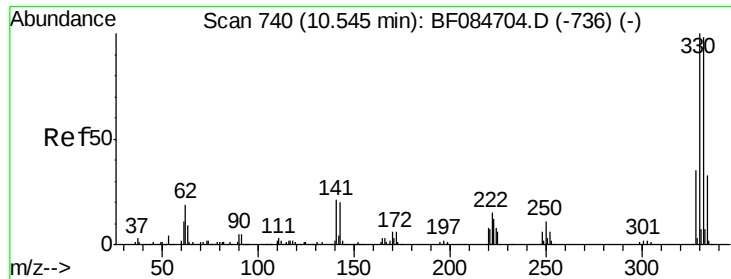
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

Tgt Ion:164 Resp: 377807
Ion Ratio Lower Upper
164 100
162 104.4 85.1 127.7
160 47.1 37.5 56.3



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

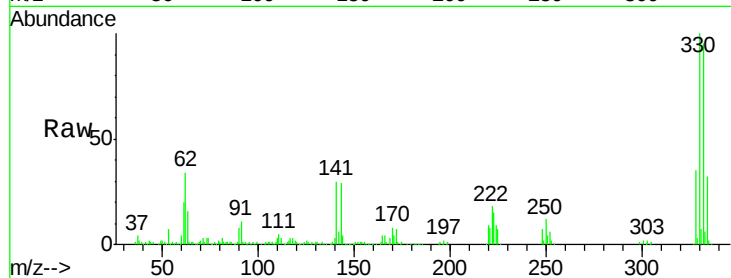




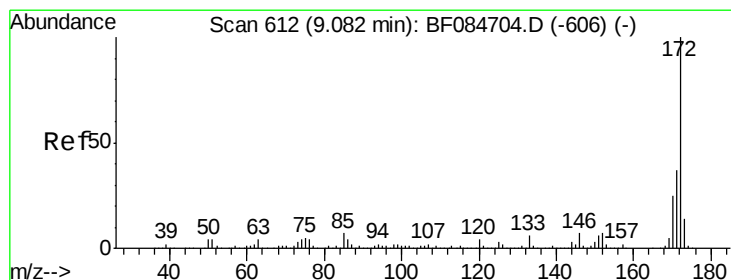
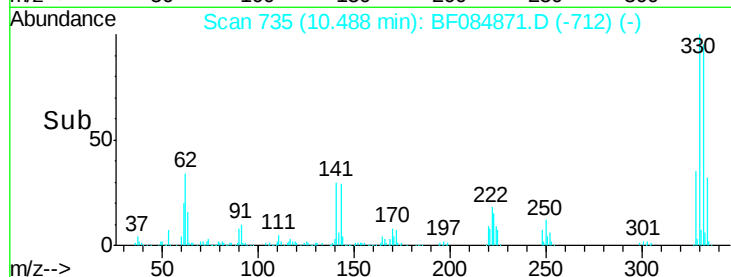
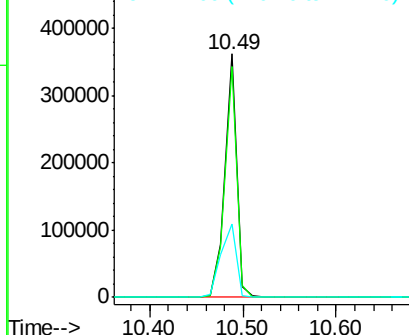
#41
 2,4,6-Tribromophenol
 Concen: 80.72 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

Instrument :
 BNA_F
 ClientSampleID :
 TEC-25

Tgt Ion: 330 Resp: 318107
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 38.4 27.8 41.6

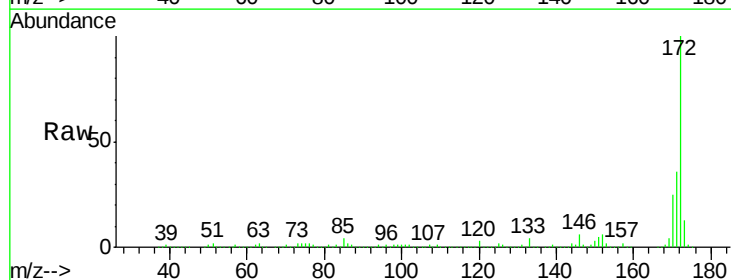


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

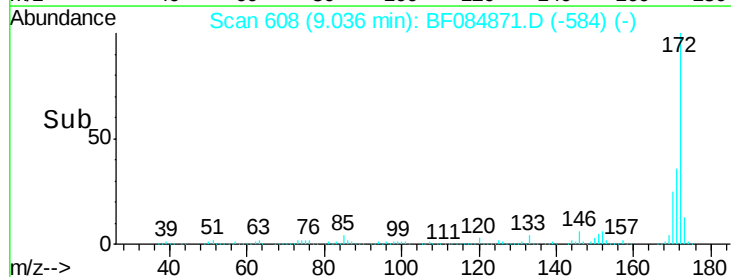
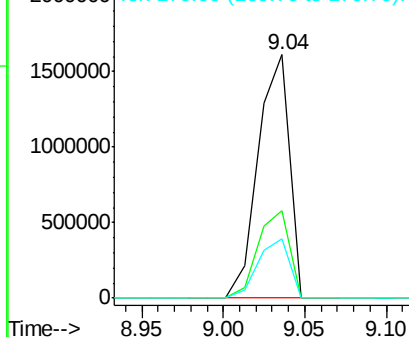


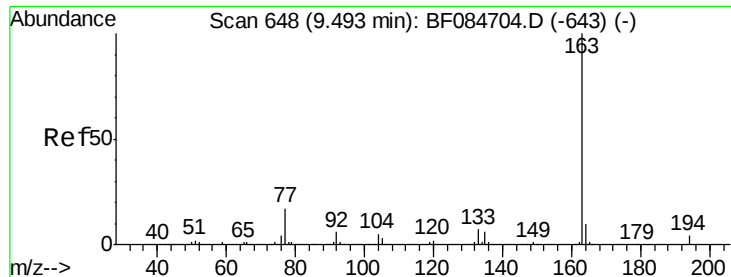
#44
 2-Fluorobiphenyl
 Concen: 103.05 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

Tgt Ion: 172 Resp: 2147462
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.6 18.6 27.8



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: 3.04 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

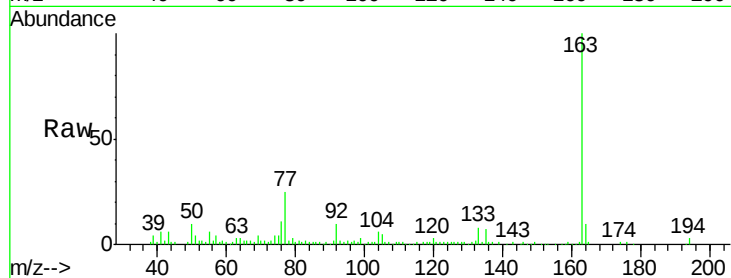
Tgt Ion:163 Resp: 87551

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

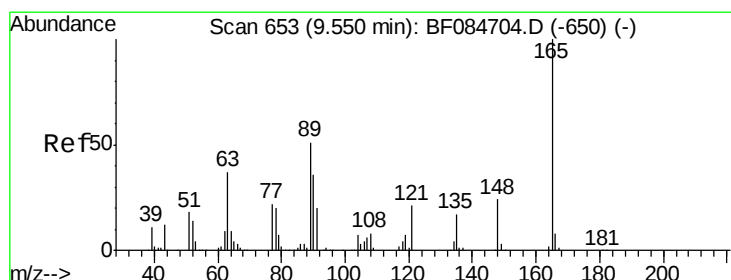
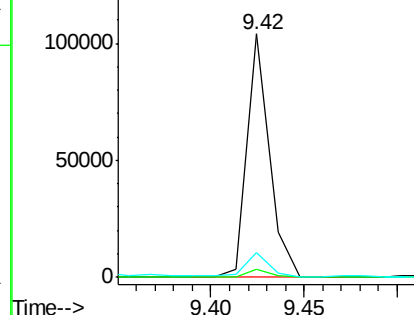
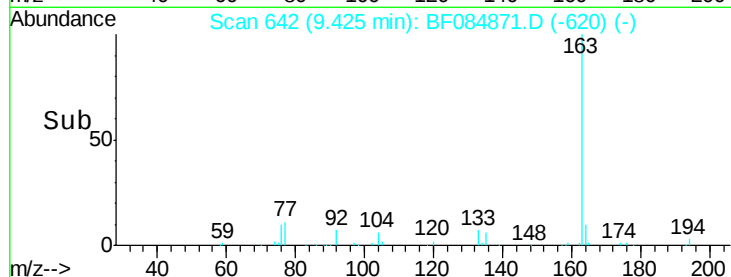
164 10.3 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 7.71 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.17 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

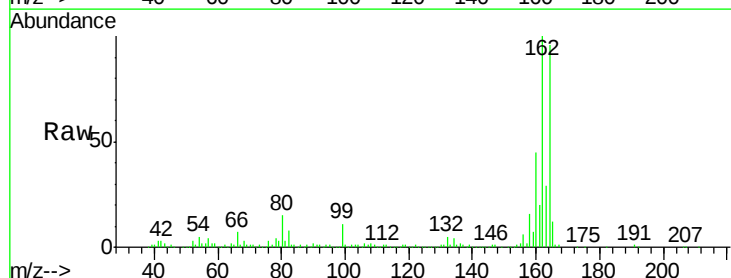
Tgt Ion:165 Resp: 48436

Ion Ratio Lower Upper

165 100

63 2.6 28.8 43.2#

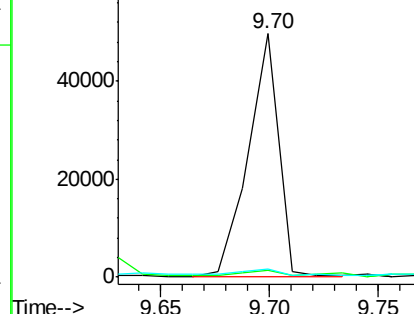
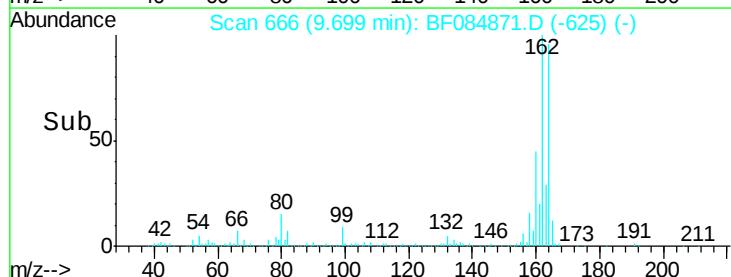
89 3.2 35.1 52.7#

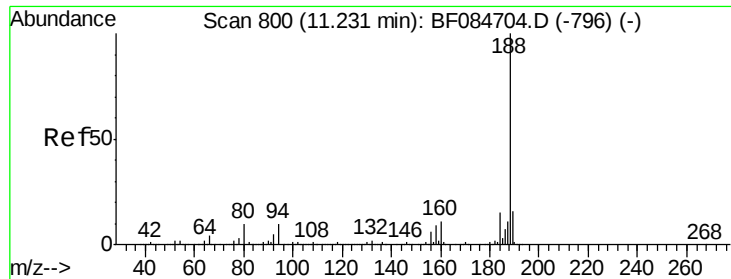


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

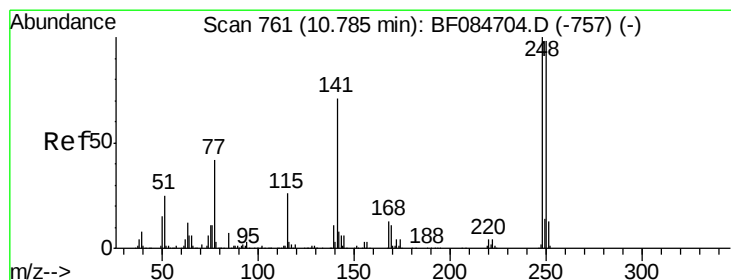
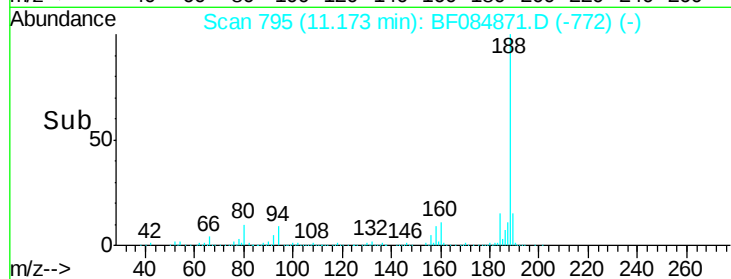
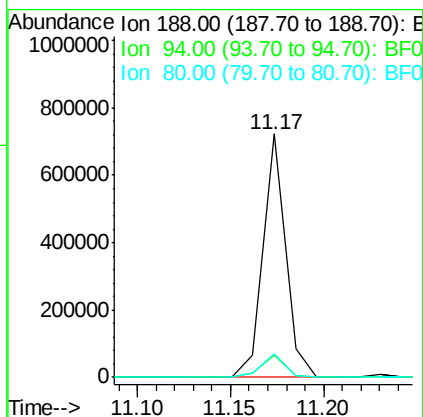
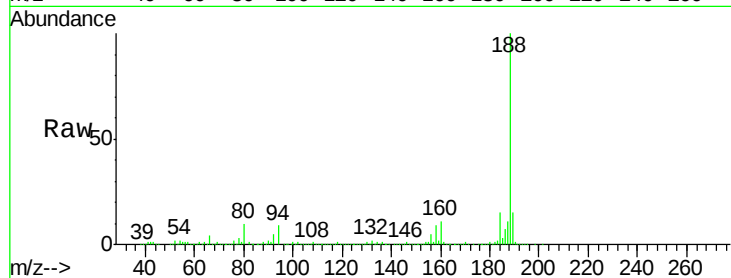




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

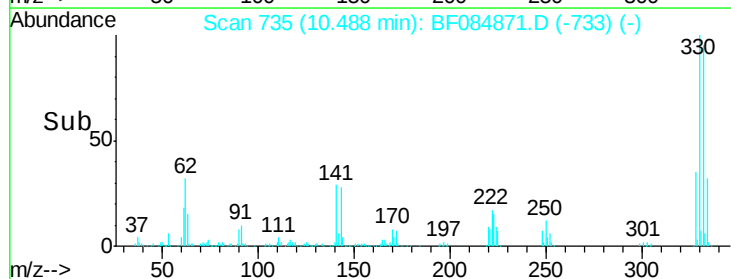
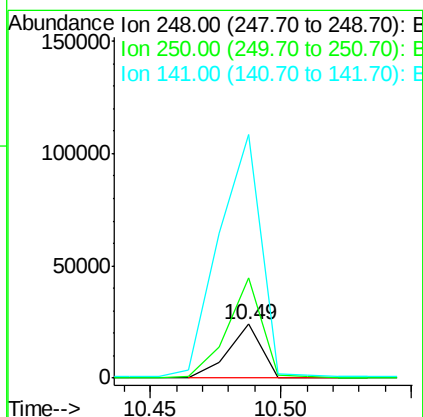
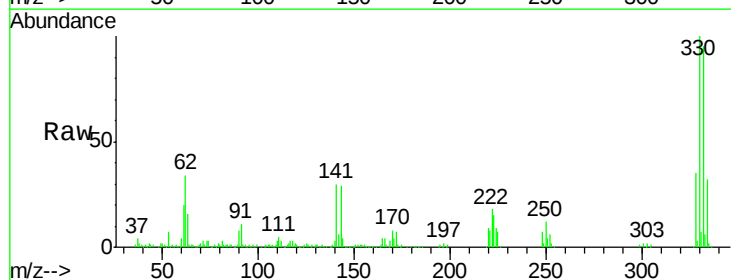
Instrument :
BNA_F
ClientSampleId :
TEC-25

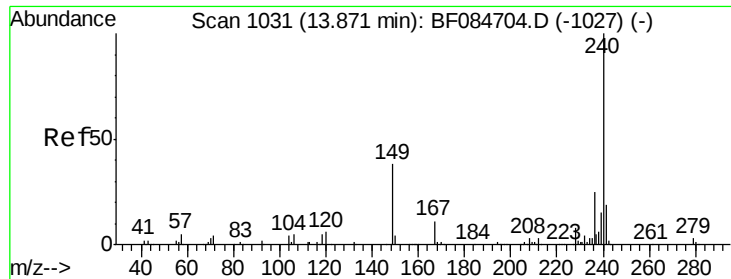
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.7	9.6	14.4



#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084871.D
Acq: 5 Feb 2016 20:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.0	78.4	117.6#
141	454.4	44.0	66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TEC-25

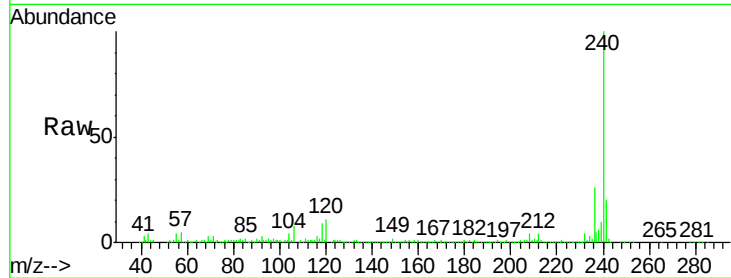
Tgt Ion:240 Resp: 393907

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

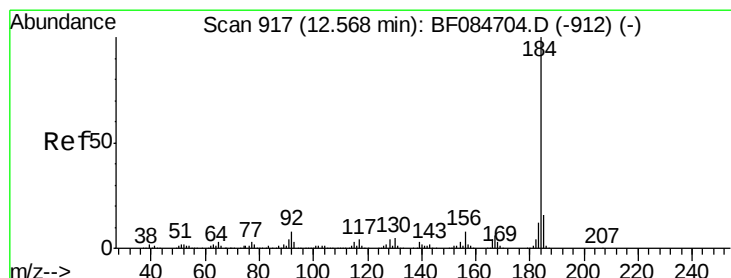
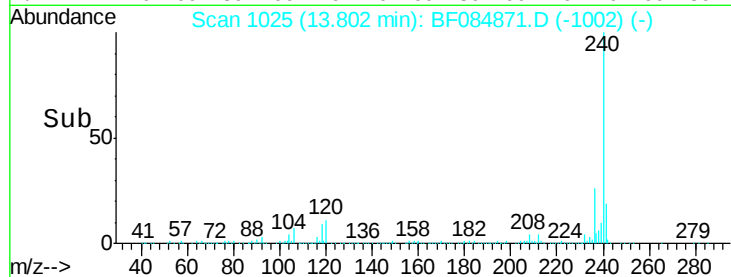
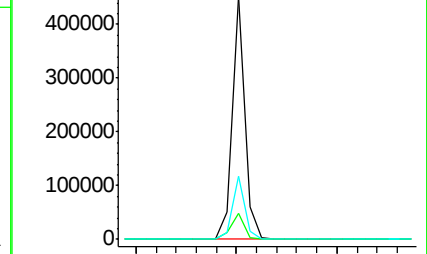
236 25.8 20.6 31.0



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



#76

Benzidine

Concen: 7.00 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF084871.D

Acq: 5 Feb 2016 20:33

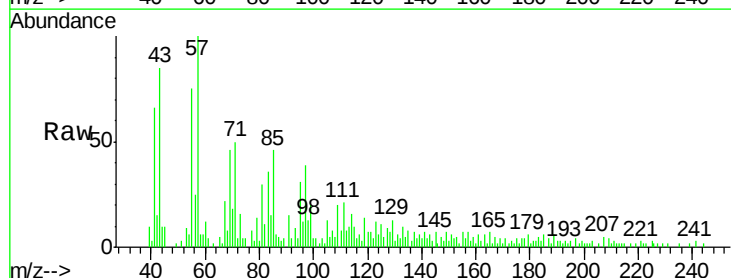
Tgt Ion:184 Resp: 2272

Ion Ratio Lower Upper

184 100

185 237.2 12.2 18.2#

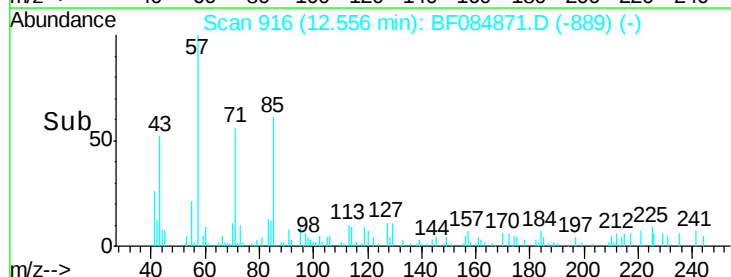
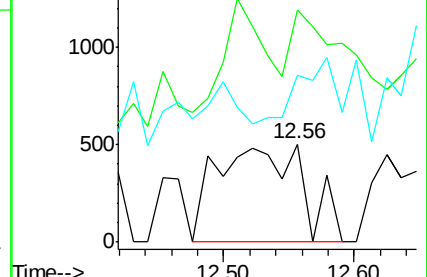
183 170.4 9.8 14.8#

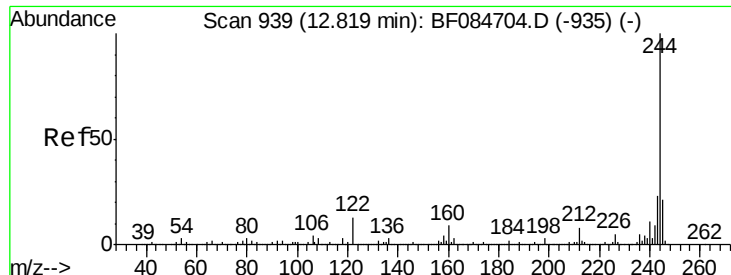


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

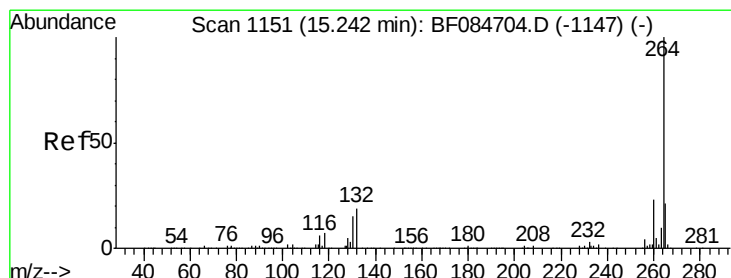
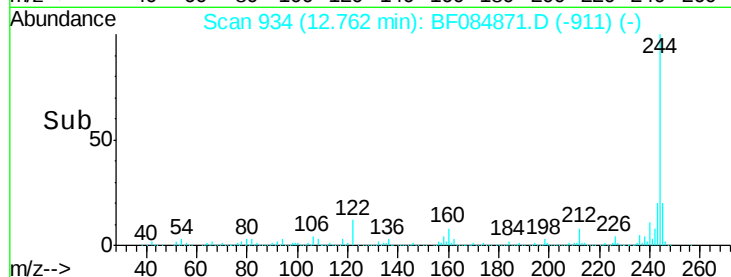
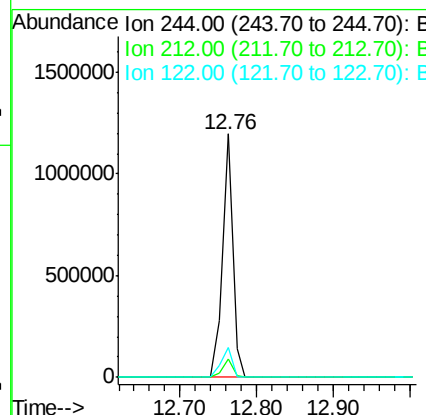
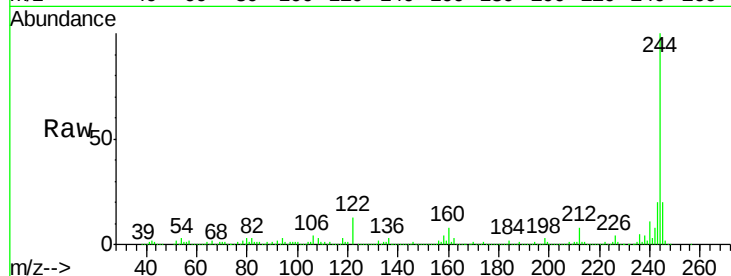




#78
 Terphenyl-d14
 Concen: 64.30 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TEC-25

Tgt Ion:244 Resp: 1117694
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084871.D
 Acq: 5 Feb 2016 20:33

Tgt Ion:264 Resp: 343103
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.3 17.8 26.6

