

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082025.D
 Acq On : 3 Oct 2015 16:57
 Operator : UM/IZ
 Sample : G3859-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-8

Quant Time: Oct 05 01:38:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

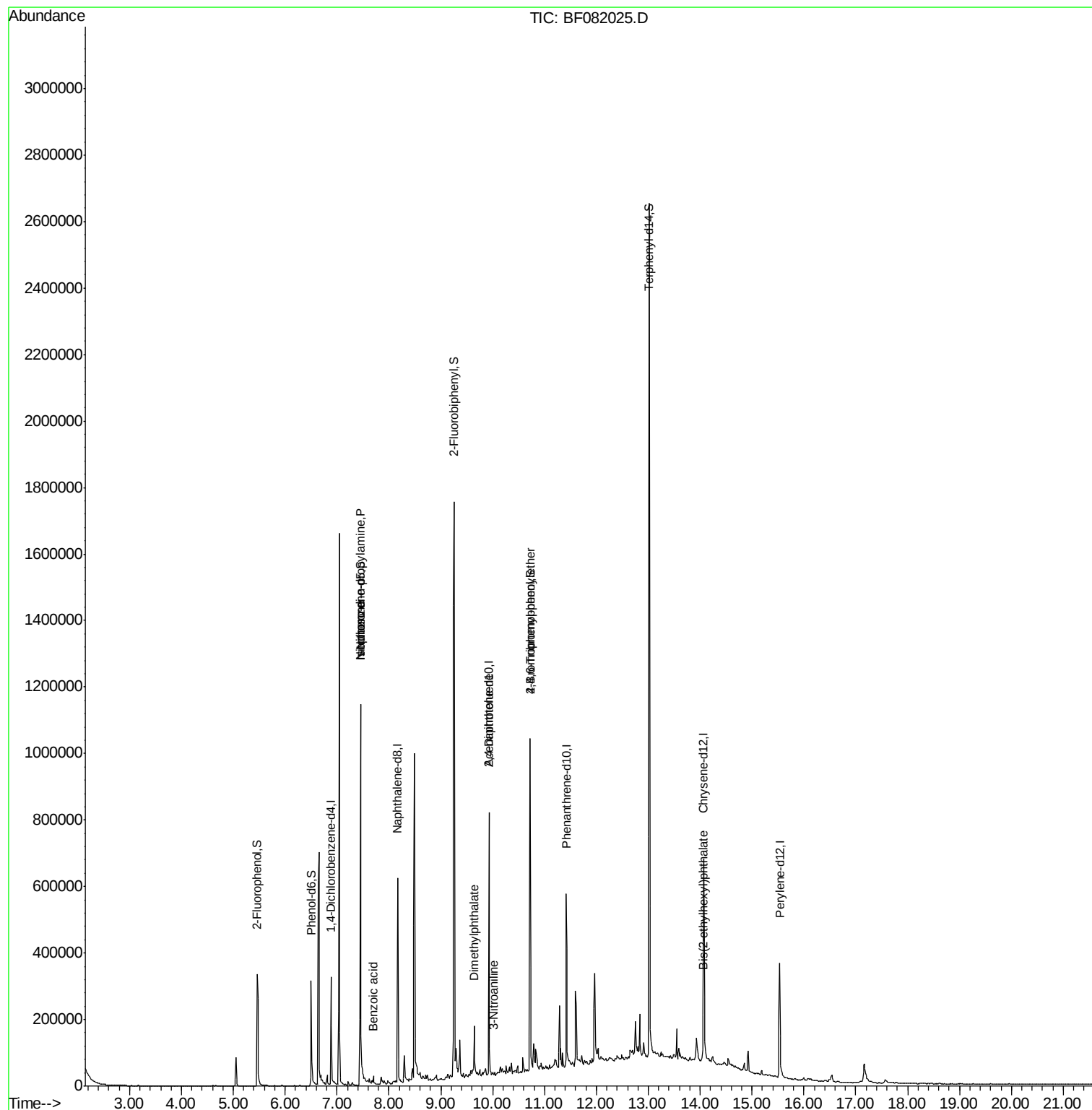
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	67516	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	293861	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	154013	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	286172	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	262492	20.00	ng	-0.05
86) Perylene-d12	15.53	264	199900	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	144682	38.90	ng	-0.06
7) Phenol-d6	6.50	99	127025	27.14	ng	-0.06
23) Nitrobenzene-d5	7.45	82	414748	94.08	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	130887	83.91	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	863411	96.27	ng	-0.05
78) Terphenyl-d14	13.02	244	912895	131.57	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	51901	18.25	ng	# 56
25) Isophorone	7.45	82	342763	39.23	ng	# 58
32) Benzoic acid	7.70	122	444	7.50	ng	# 51
49) Dimethylphthalate	9.65	163	62045	5.84	ng	# 97
52) 3-Nitroaniline	10.02	138	7759	2.91	ng	# 13
56) 2,4-Dinitrotoluene	9.93	165	19473	6.62	ng	# 34
57) Fluorene	10.48	166	680	Below Cal	#	93
66) 4-Bromophenyl-phenylether	10.72	248	8475	2.94	ng	# 1
70) Phenanthrene	11.44	178	3273	Below Cal	#	75
73) Di-n-butylphthalate	11.99	149	6977	Below Cal	#	89
83) Bis(2-ethylhexyl)phthalate	14.06	149	18259	2.47	ng	95

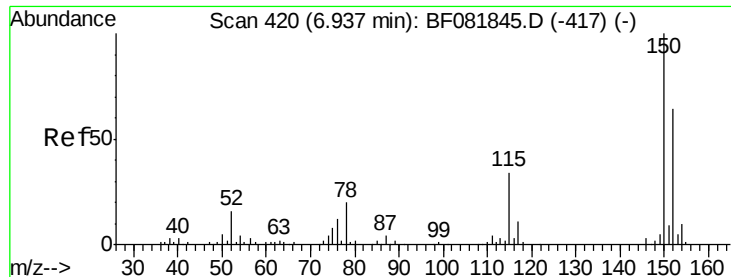
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Instrument :

BNA_F

ClientSampleId :

TEC-8

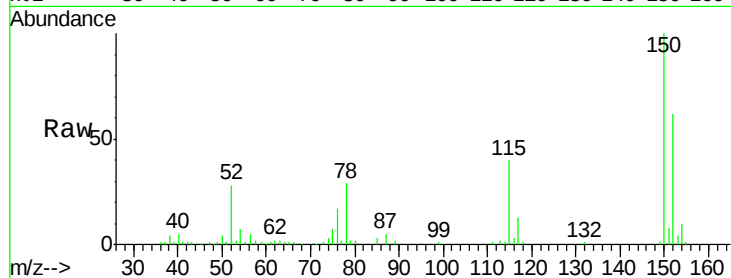
Tgt Ion:152 Resp: 67516

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

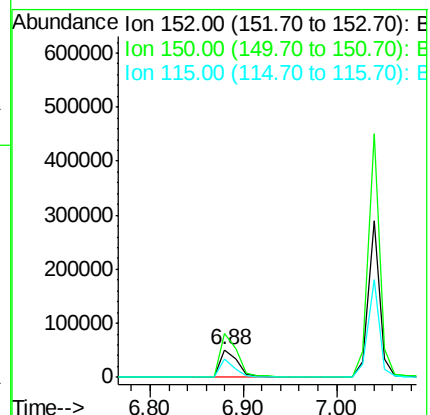
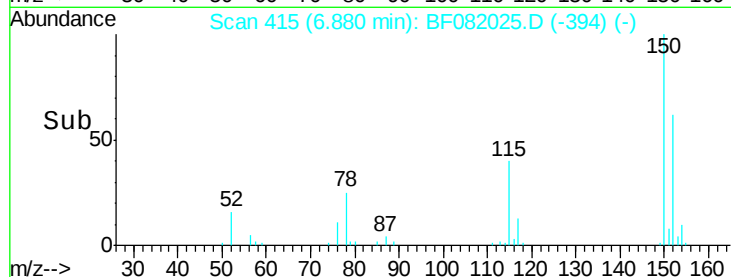
115 65.0 39.0 58.4#



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: 38.90 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.06 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

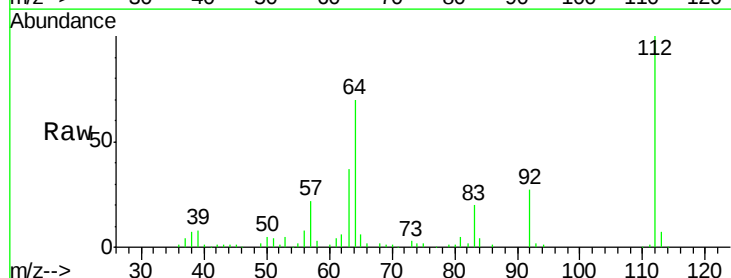
Tgt Ion:112 Resp: 144682

Ion Ratio Lower Upper

112 100

64 69.8 39.7 59.5#

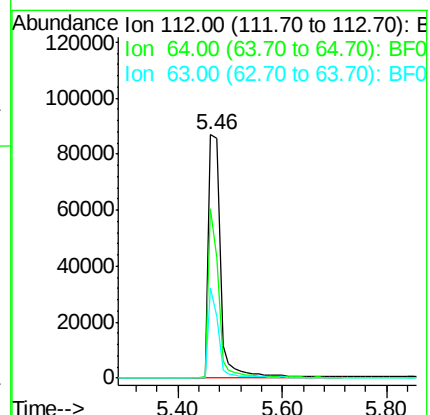
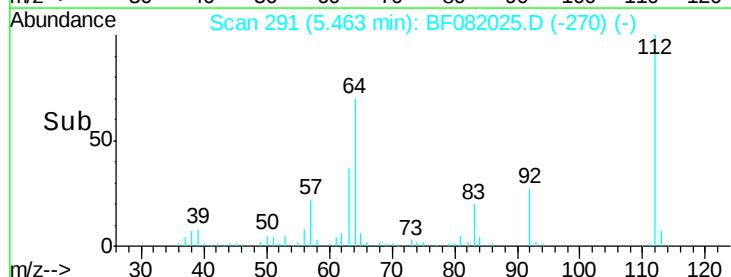
63 37.1 17.4 26.0#

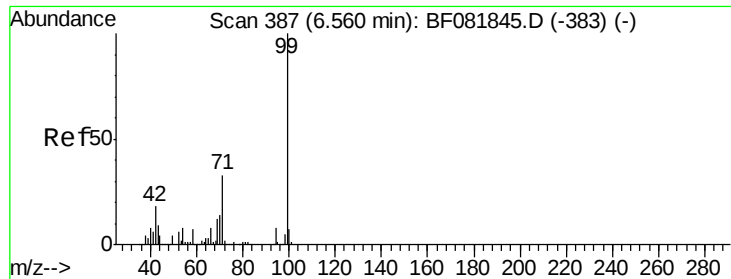


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.14 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Instrument :

BNA_F

ClientSampleId :

TEC-8

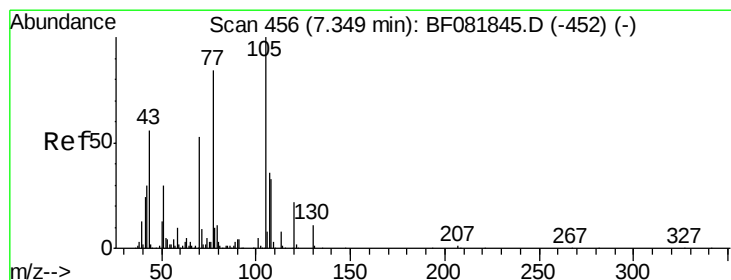
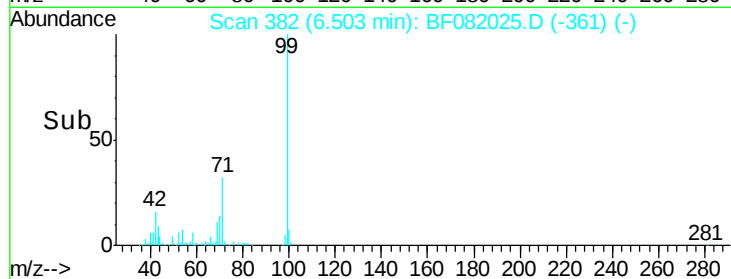
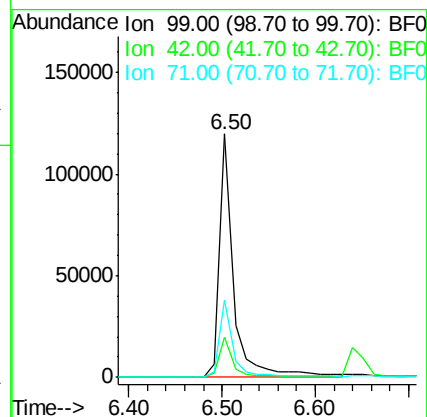
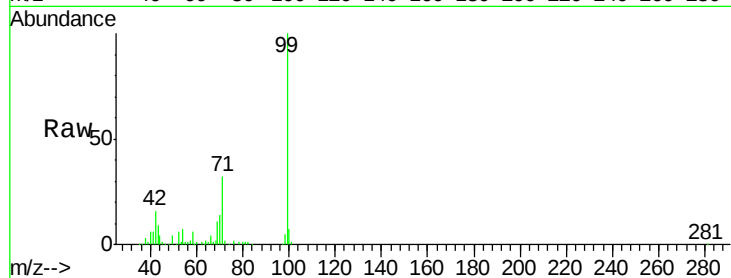
Tgt Ion: 99 Resp: 127025

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

71 31.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 18.25 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Tgt Ion: 70 Resp: 51901

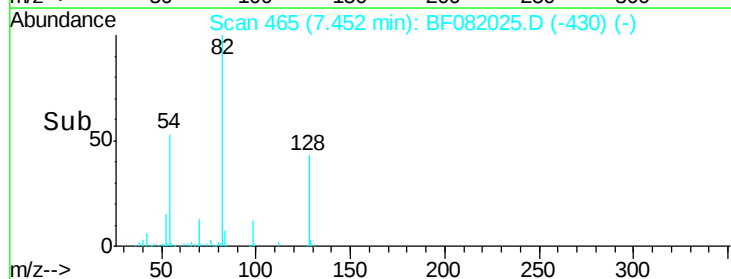
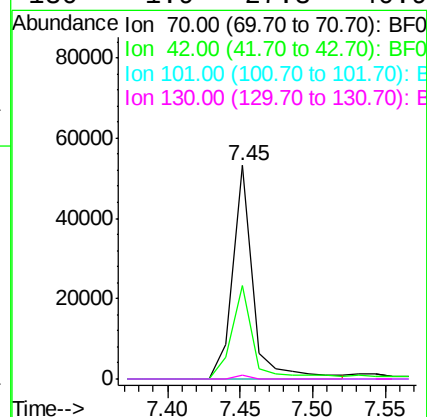
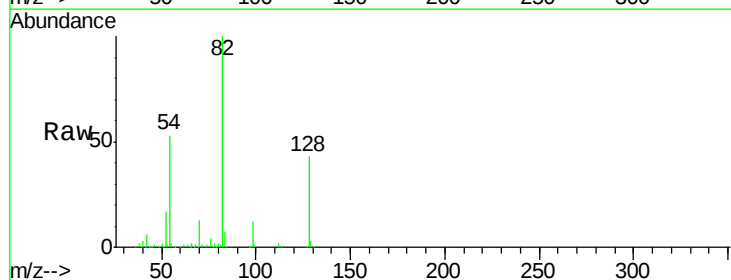
Ion Ratio Lower Upper

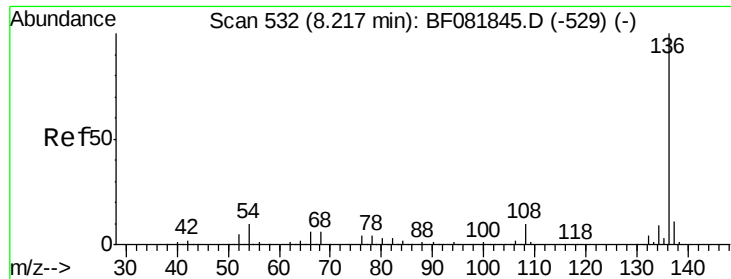
70 100

42 43.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

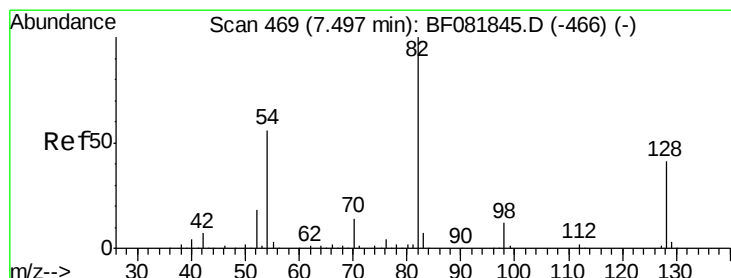
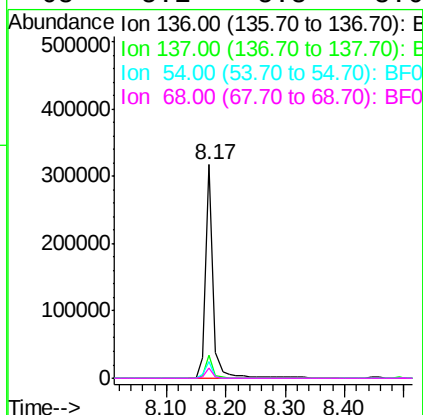
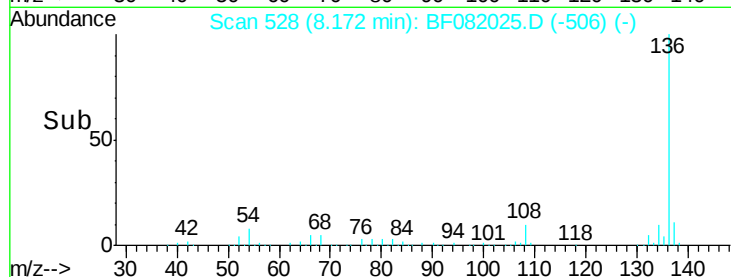
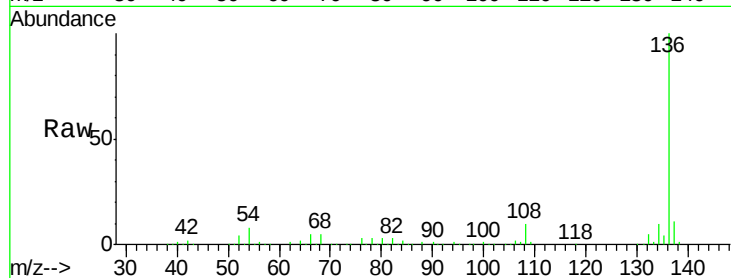




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

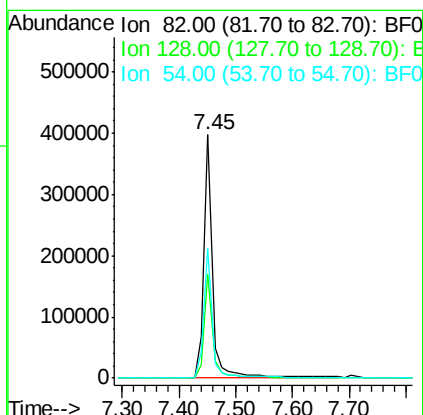
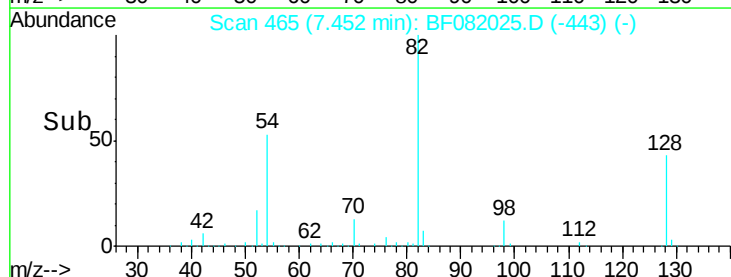
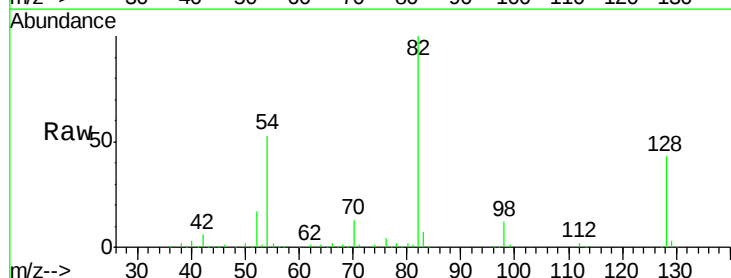
Instrument :
BNA_F
ClientSampleId :
TEC-8

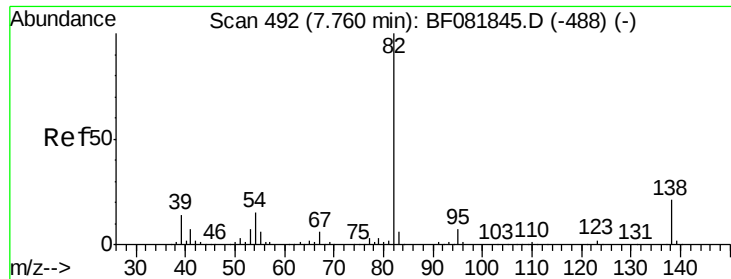
Tgt Ion:	136	Resp:	293861
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.8	8.2	12.2#
68	5.1	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 94.08 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

Tgt Ion:	82	Resp:	414748
Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	53.1	47.5	71.3

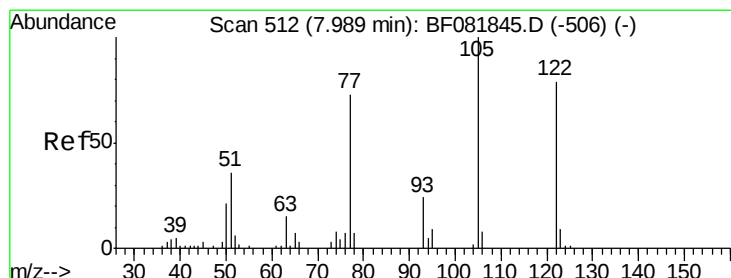
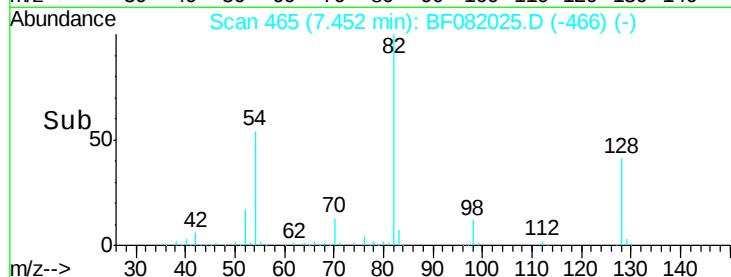
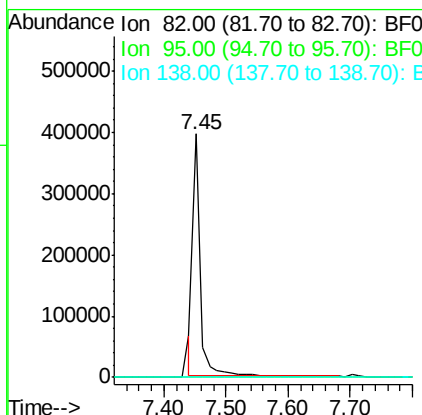
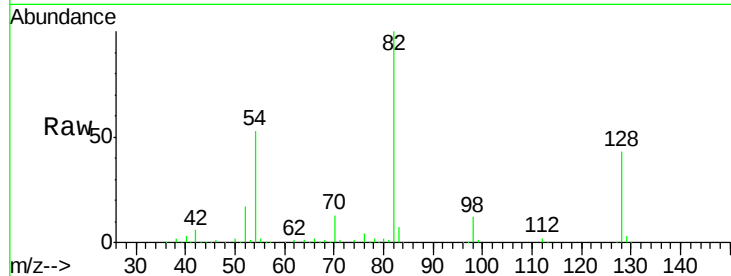




#25
Isophorone
Concen: 39.23 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

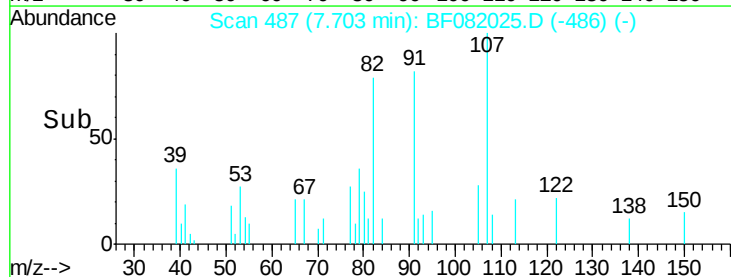
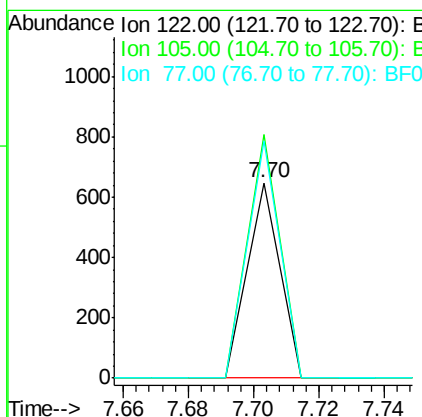
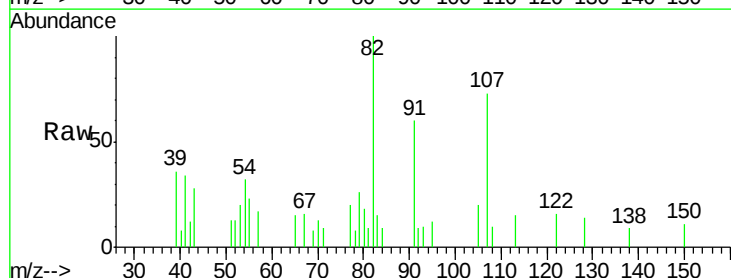
Instrument :
BNA_F
ClientSampleId :
TEC-8

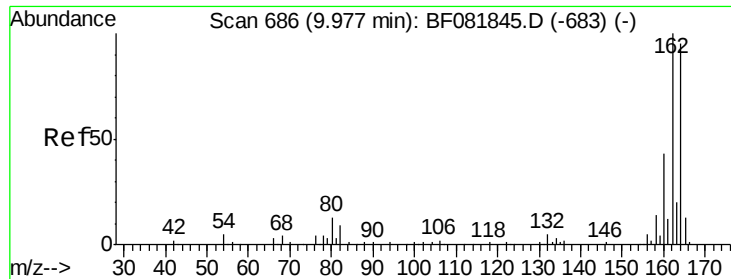
Tgt Ion: 82 Resp: 342763
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#32
Benzoic acid
Concen: 7.50 ng
RT: 7.70 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

Tgt Ion: 122 Resp: 444
Ion Ratio Lower Upper
122 100
105 124.5 76.1 116.1#
77 121.3 40.5 80.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Instrument :

BNA_F

ClientSampleId :

TEC-8

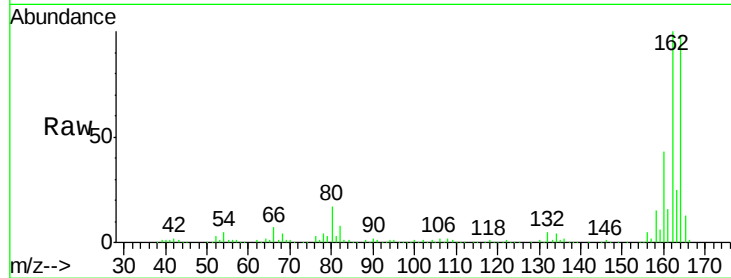
Tgt Ion:164 Resp: 154013

Ion Ratio Lower Upper

164 100

162 102.3 75.2 112.8

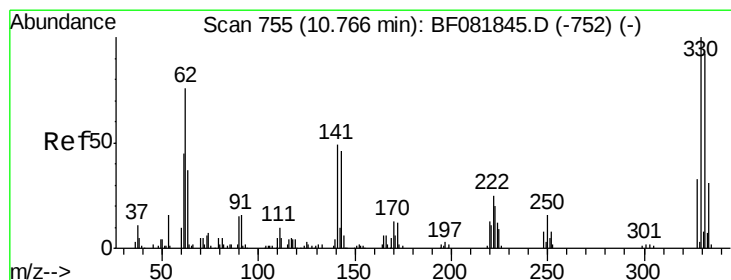
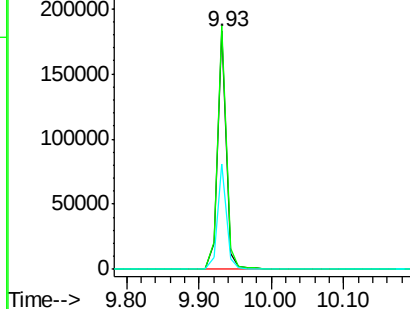
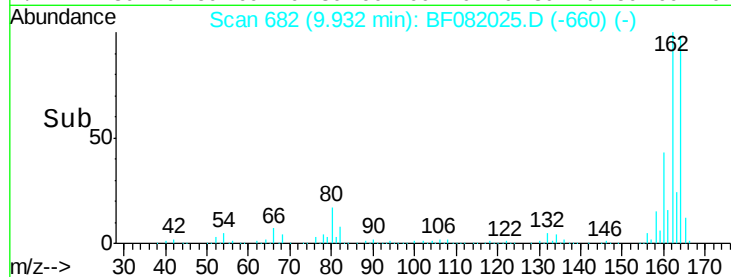
160 44.3 31.5 47.3



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: 83.91 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

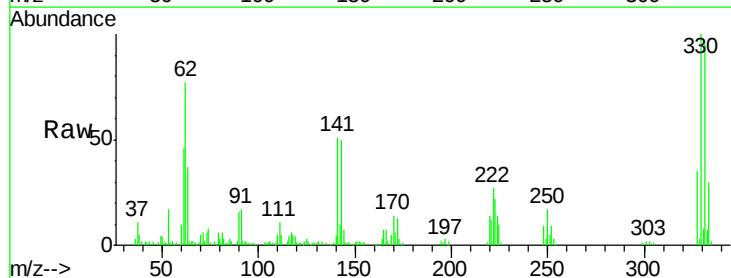
Tgt Ion:330 Resp: 130887

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

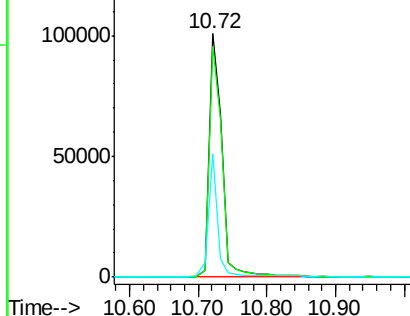
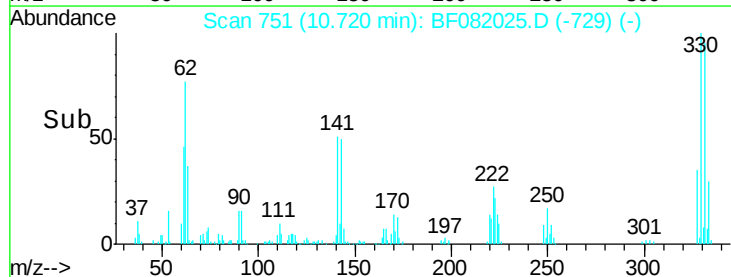
141 38.9 29.7 44.5

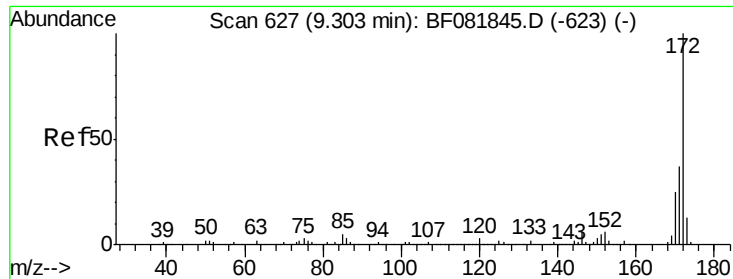


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

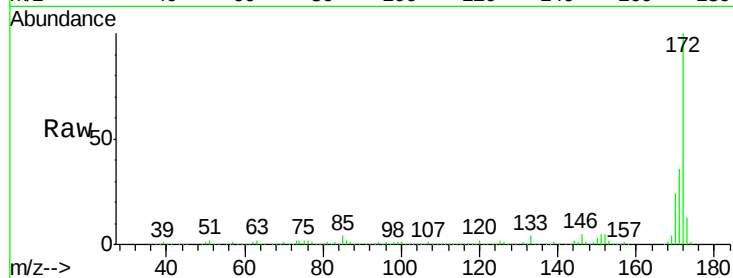




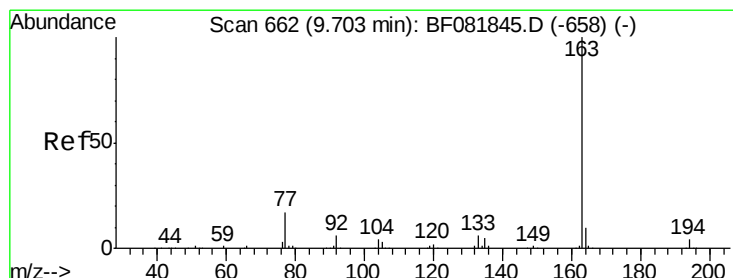
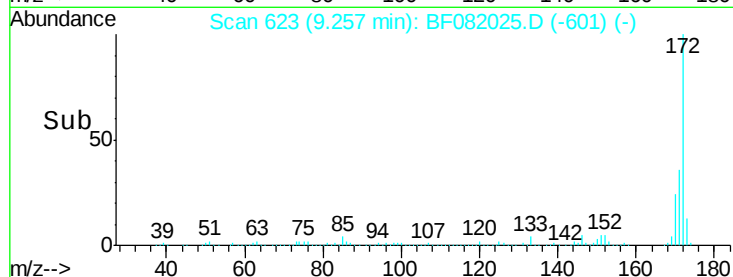
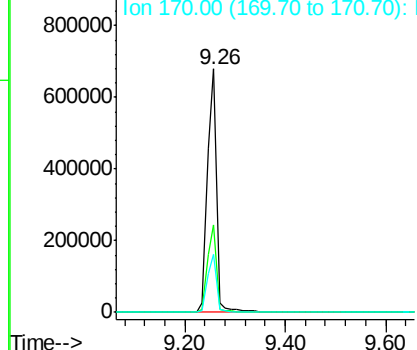
#44
2-Fluorobiphenyl
Concen: 96.27 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

Instrument :
BNA_F
ClientSampleId :
TEC-8

Tgt Ion:172 Resp: 863411
Ion Ratio Lower Upper
172 100
171 35.7 26.1 39.1
170 24.0 17.4 26.2

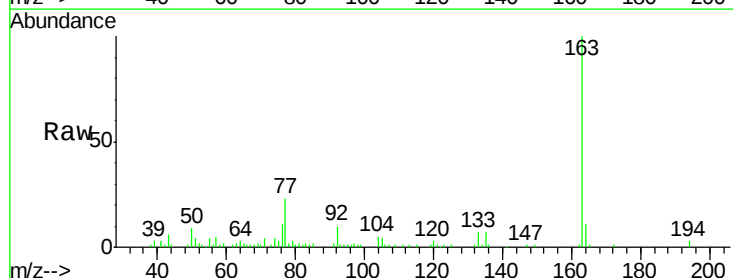


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

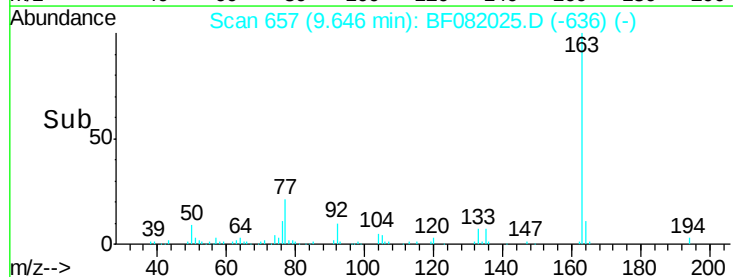
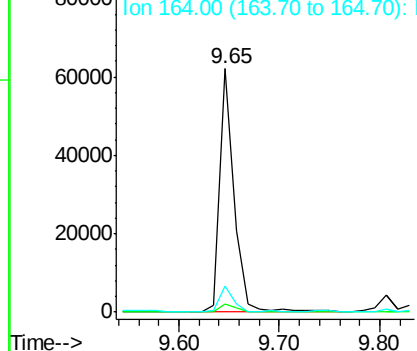


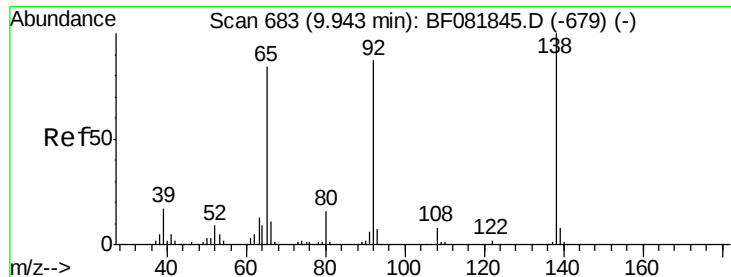
#49
Dimethylphthalate
Concen: 5.84 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

Tgt Ion:163 Resp: 62045
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.5 8.3 12.5



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





#52

3-Nitroaniline

Concen: 2.91 ng

RT: 10.02 min Scan# 690

Delta R.T. 0.08 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Instrument :

BNA_F

ClientSampleId :

TEC-8

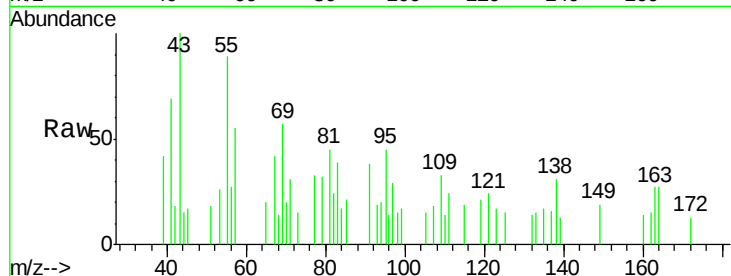
Tgt Ion:138 Resp: 7759

Ion Ratio Lower Upper

138 100

108 0.0 5.7 8.5#

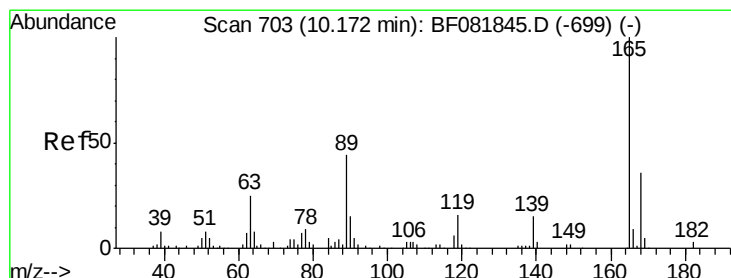
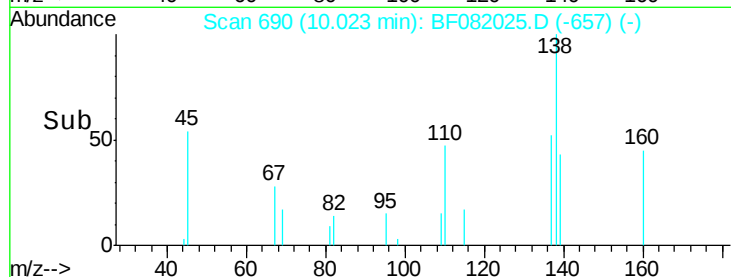
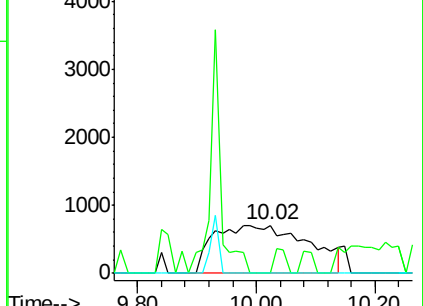
92 0.0 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.62 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Tgt Ion:165 Resp: 19473

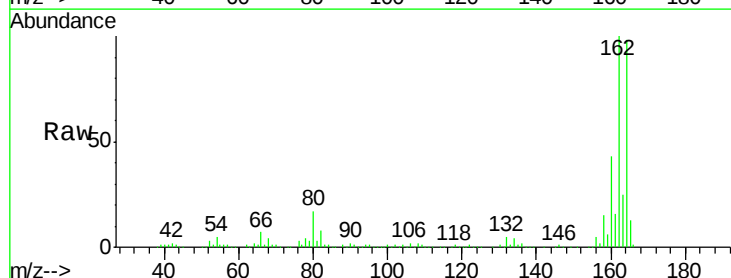
Ion Ratio Lower Upper

165 100

63 2.3 29.8 44.6#

89 1.8 44.5 66.7#

182 0.0 3.0 4.4#

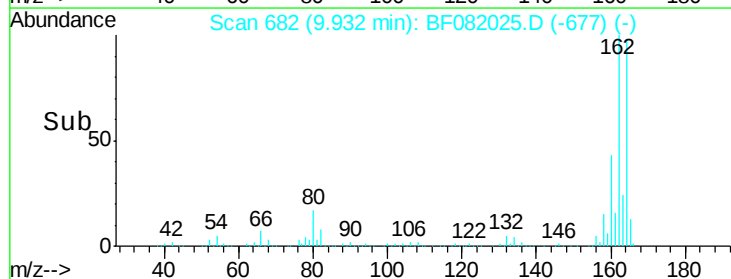
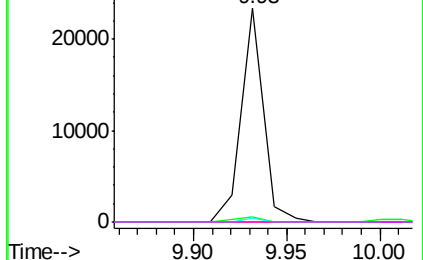


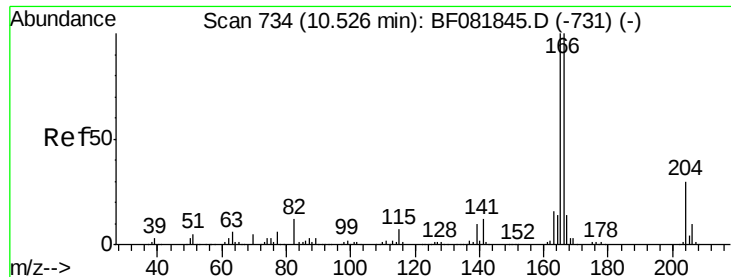
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.48 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Instrument :

BNA_F

ClientSampleId :

TEC-8

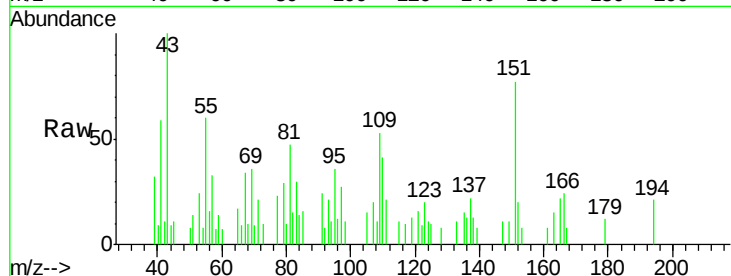
Tgt Ion:166 Resp: 680

Ion Ratio Lower Upper

166 100

165 89.5 72.6 109.0

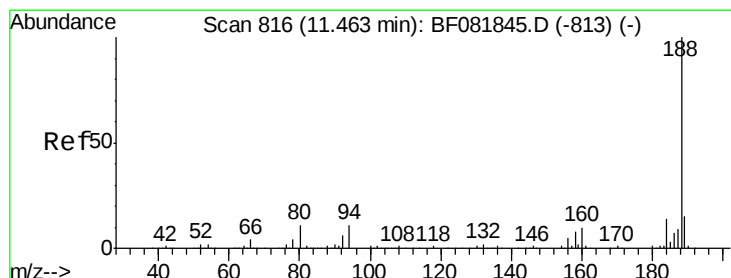
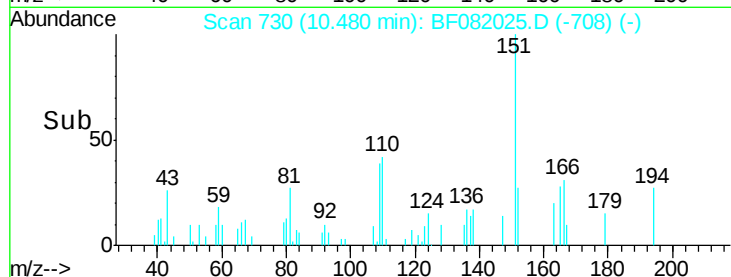
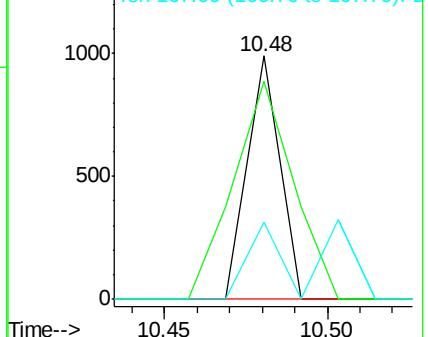
167 31.6 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

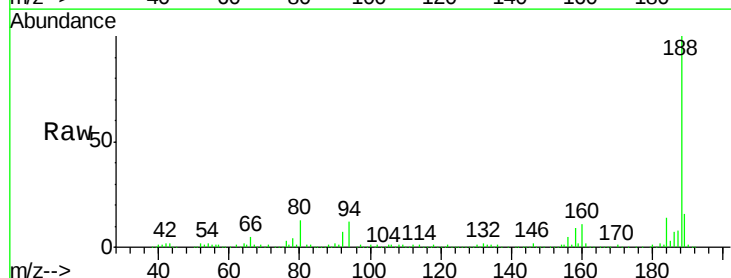
Tgt Ion:188 Resp: 286172

Ion Ratio Lower Upper

188 100

94 12.1 11.1 16.7

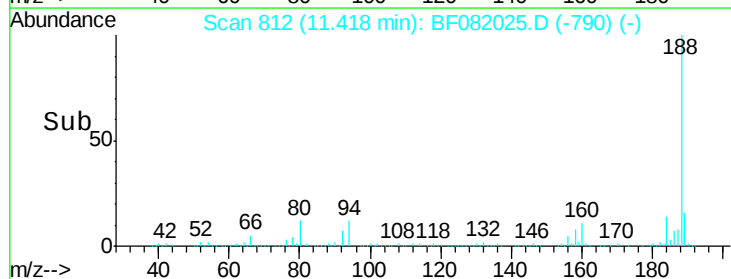
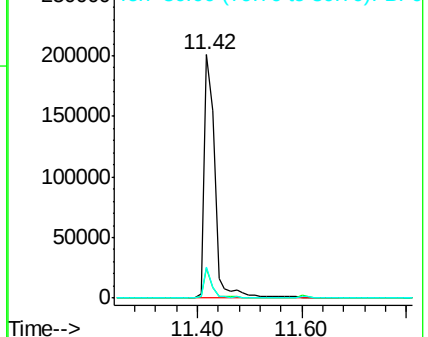
80 12.7 11.0 16.4

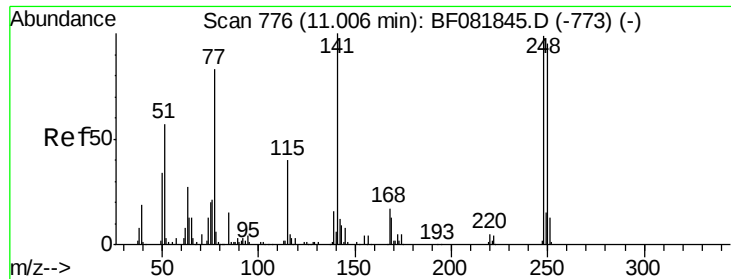


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.94 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

Instrument :

BNA_F

ClientSampleId :

TEC-8

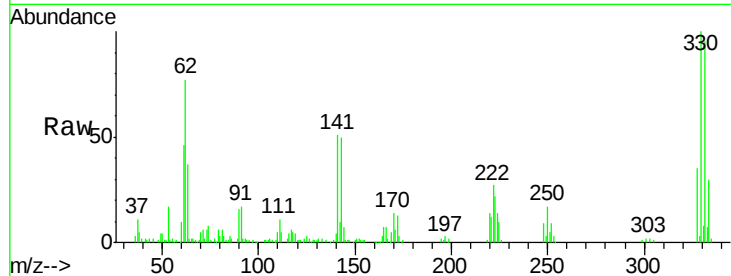
Tgt Ion:248 Resp: 8475

Ion Ratio Lower Upper

248 100

250 200.0 78.5 117.7#

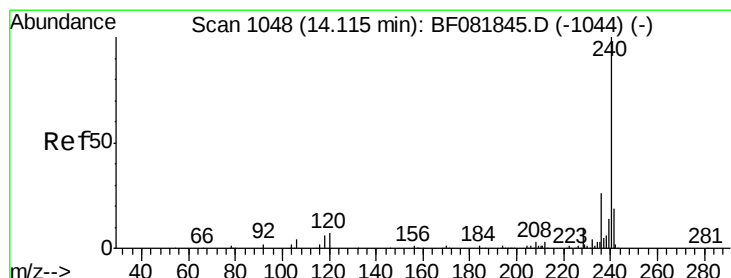
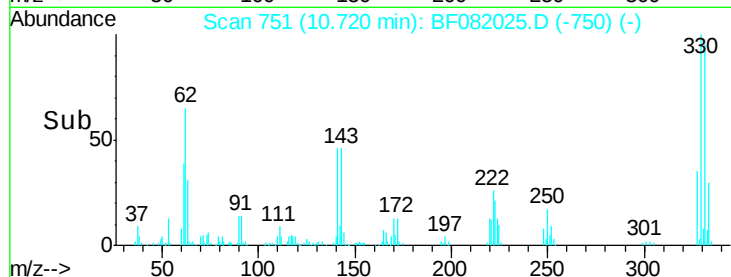
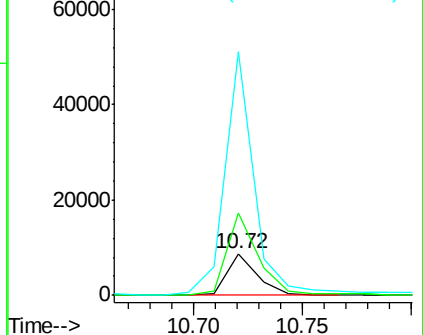
141 588.8 59.0 88.6#



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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082025.D

Acq: 3 Oct 2015 16:57

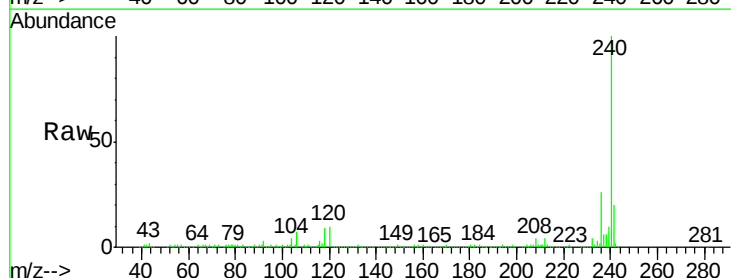
Tgt Ion:240 Resp: 262492

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

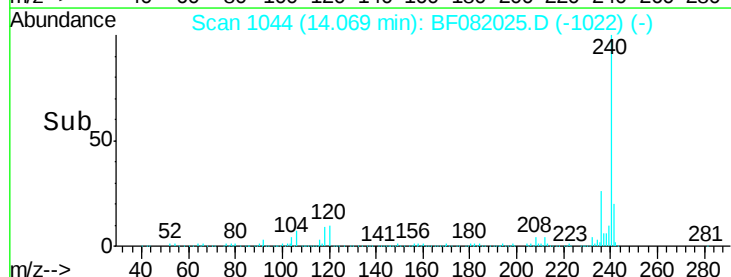
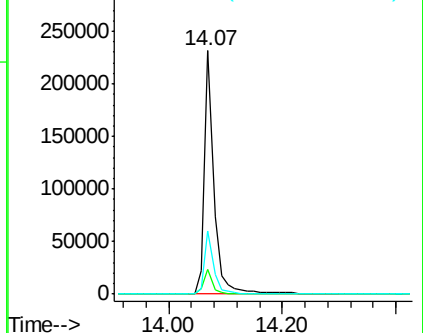
236 26.1 18.4 27.6

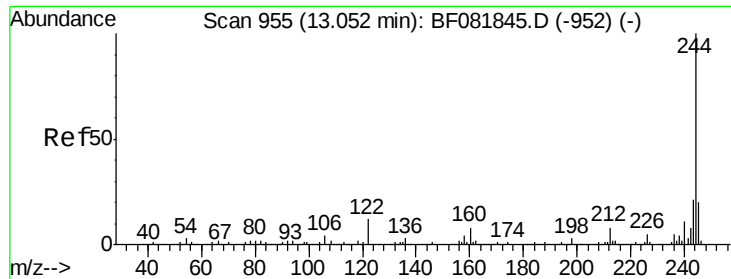


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

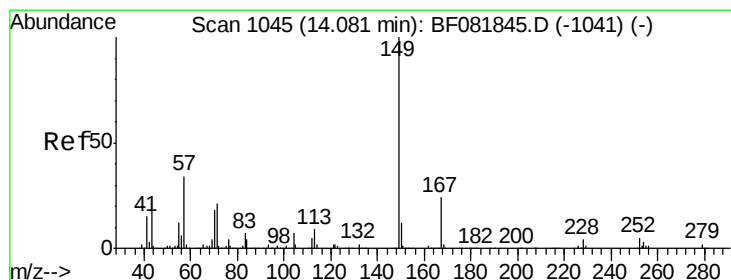
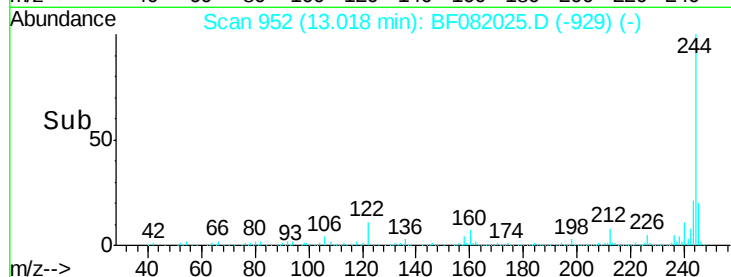
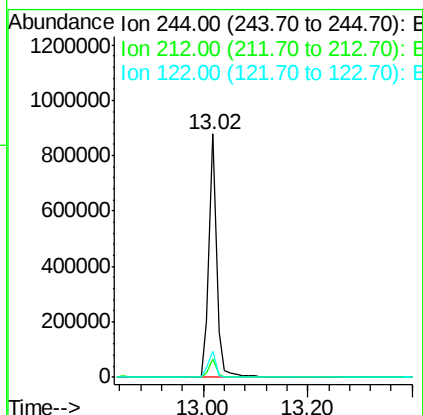
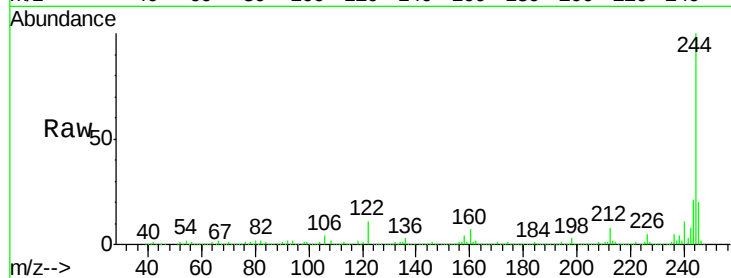




#78
 Terphenyl-d14
 Concen: 131.57 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082025.D
 Acq: 3 Oct 2015 16:57

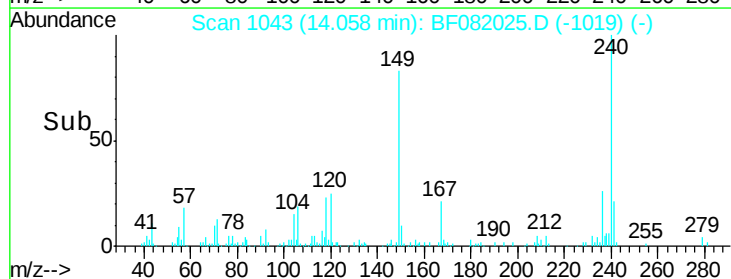
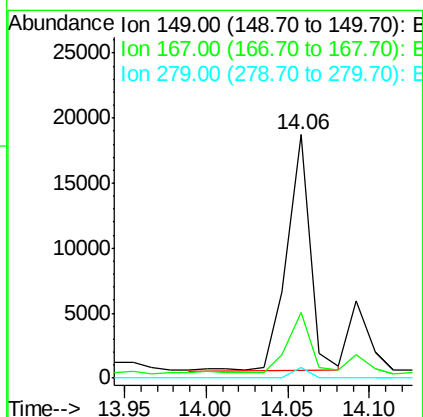
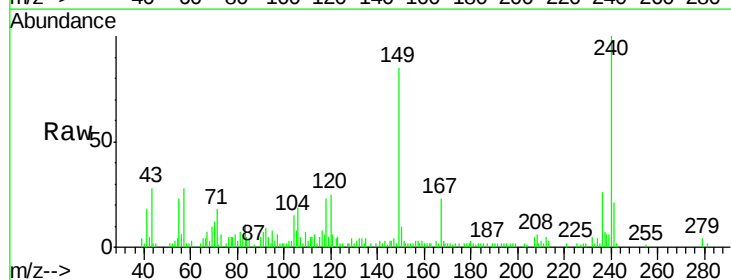
Instrument :
 BNA_F
 ClientSampleId :
 TEC-8

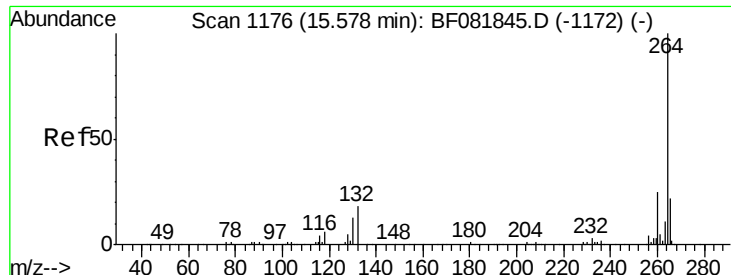
Tgt Ion:244 Resp: 912895
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 10.7 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.47 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF082025.D
 Acq: 3 Oct 2015 16:57

Tgt Ion:149 Resp: 18259
 Ion Ratio Lower Upper
 149 100
 167 27.1 24.2 36.2
 279 4.5 3.8 5.6

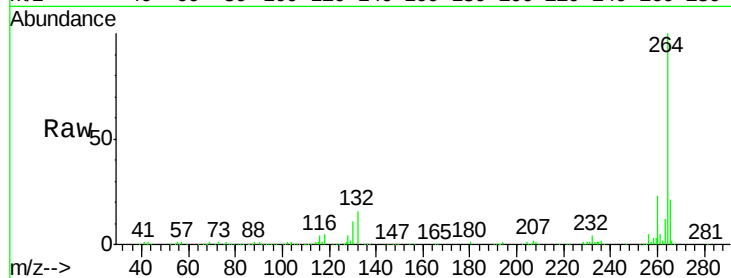




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082025.D
Acq: 3 Oct 2015 16:57

Instrument :
BNA_F
ClientSampleId :
TEC-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	20.9	17.2	25.8



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

