

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082141.D
 Acq On : 8 Oct 2015 22:13
 Operator : UM/IZ
 Sample : G3946-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-9

Quant Time: Oct 09 05:12:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

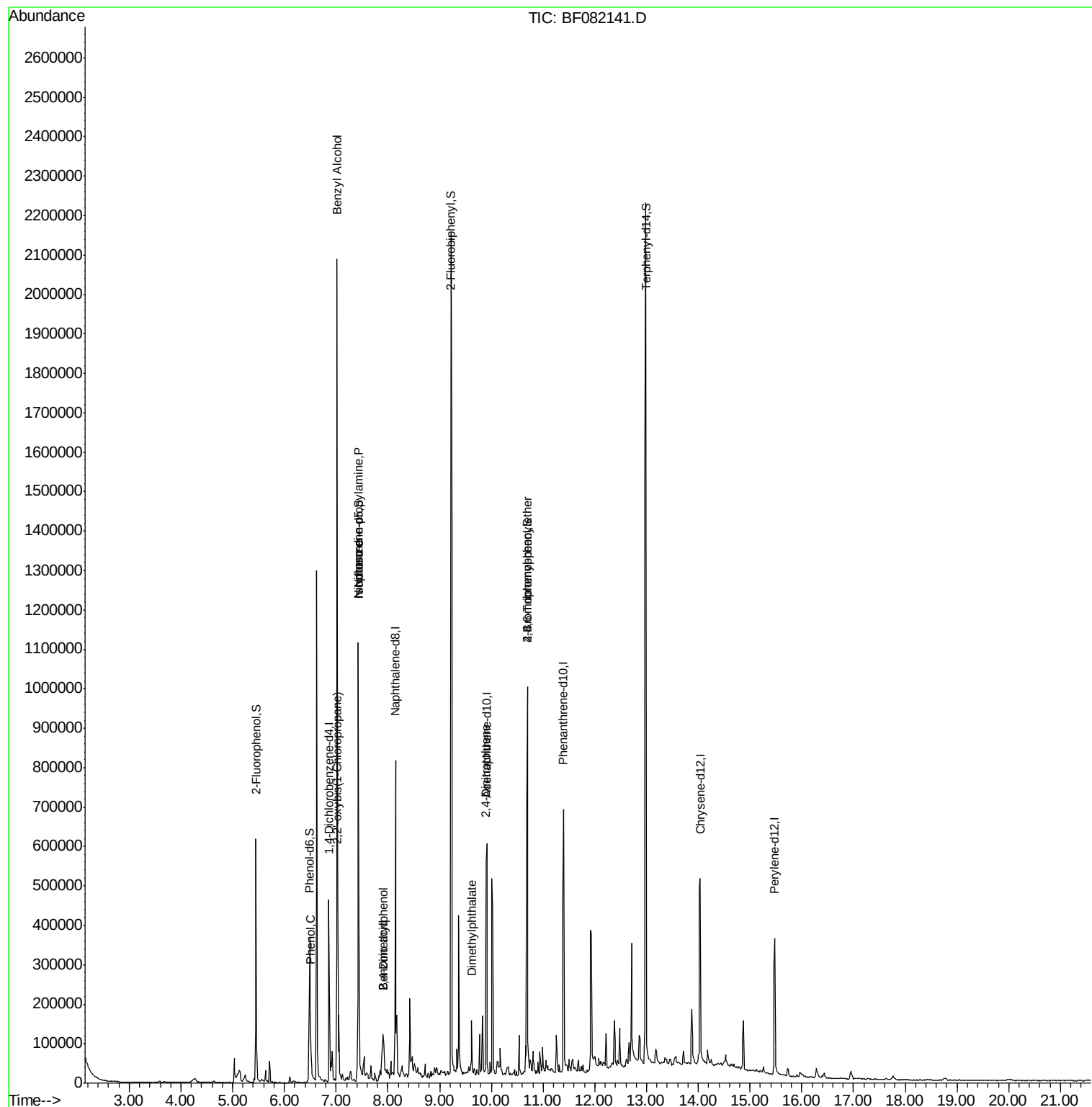
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	90665	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	380640	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	173810	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	351197	20.00	ng	0.00
75) Chrysene-d12	14.04	240	279538	20.00	ng	-0.01
86) Perylene-d12	15.48	264	208688	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	186209	37.28	ng	0.00
7) Phenol-d6	6.49	99	143901	22.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	453144	79.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	166456	94.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	945934	92.69	ng	-0.01
78) Terphenyl-d14	12.98	244	947202	125.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	44041	6.25	ng	74
15) Benzyl Alcohol	7.02	79	9588	2.11	ng	# 31
16) 2,2'-oxybis(1-Chloropropan	7.03	45	28734	3.72	ng	96
19) n-Nitroso-di-n-propylamine	7.43	70	58641	15.35	ng	# 59
25) Isophorone	7.43	82	386892	34.18	ng	# 58
27) 2,4-Dimethylphenol	7.91	122	52255	9.98	ng	# 14
32) Benzoic acid	7.91	122	53041	21.69	ng	# 63
49) Dimethylphthalate	9.62	163	60876	5.07	ng	# 97
56) 2,4-Dinitrotoluene	9.90	165	21972	6.62	ng	# 35
57) Fluorene	10.45	166	1391	Below Cal		# 86
66) 4-Bromophenyl-phenylether	10.70	248	10898	3.08	ng	# 1
70) Phenanthrene	11.42	178	5293	Below Cal		# 94
73) Di-n-butylphthalate	11.95	149	6129	Below Cal		# 84

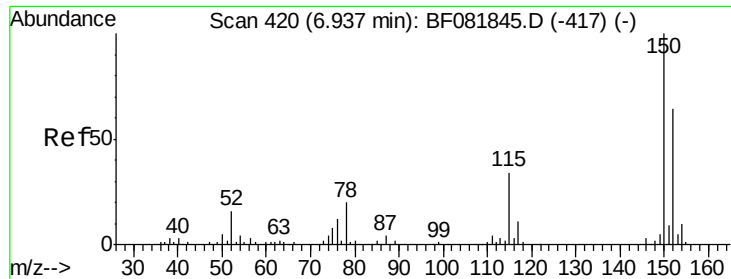
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleId :

TEC-9

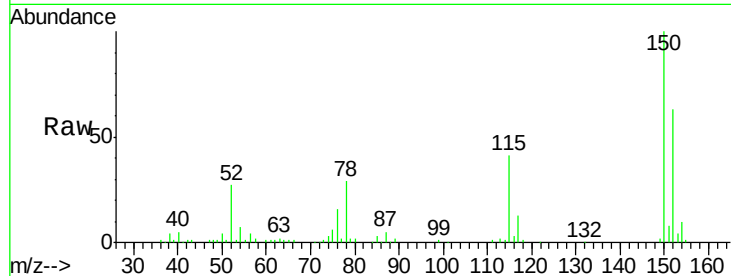
Tot Ion:152 Resp: 90665

Ion Ratio Lower Upper

152 100

150 157.8 124.7 187.1

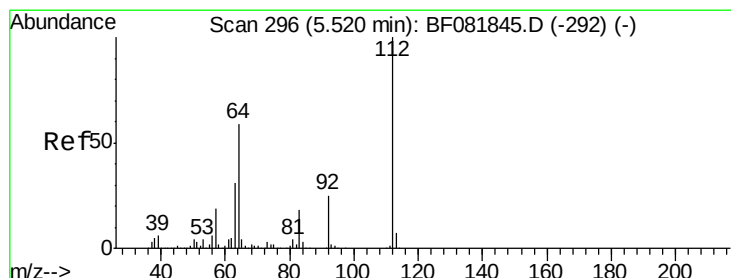
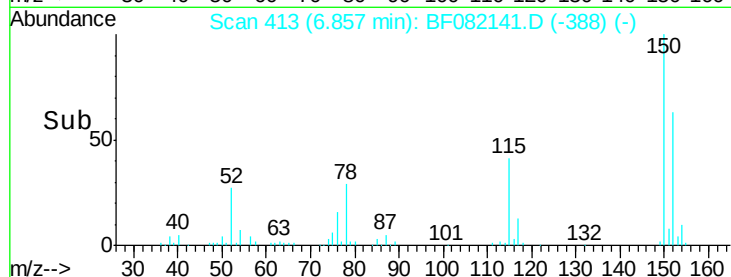
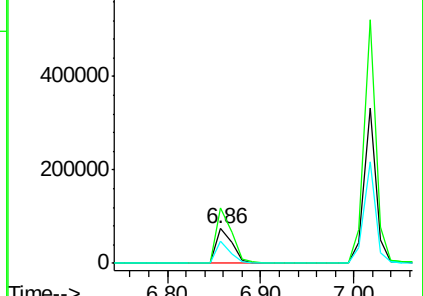
115 64.7 39.0 58.4#



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: 37.28 ng

RT: 5.45 min Scan# 290

Delta R.T. -0.00 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

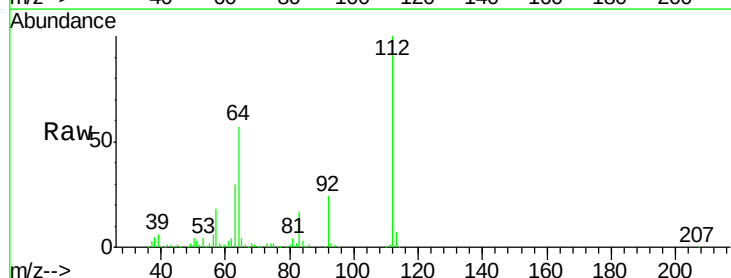
Tgt Ion:112 Resp: 186209

Ion Ratio Lower Upper

112 100

64 57.3 39.7 59.5

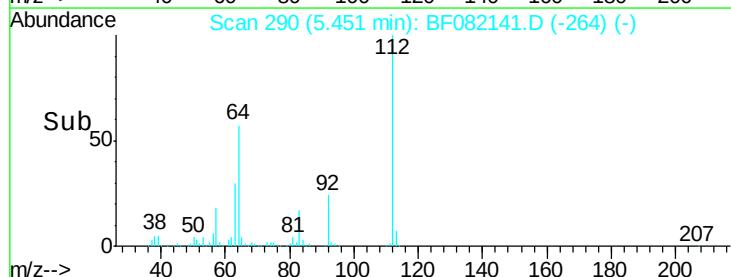
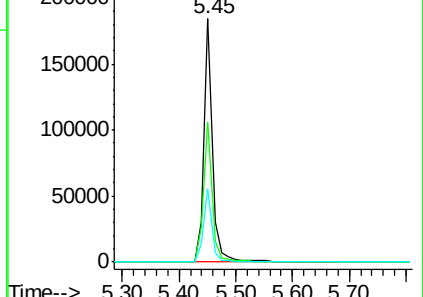
63 30.1 17.4 26.0#

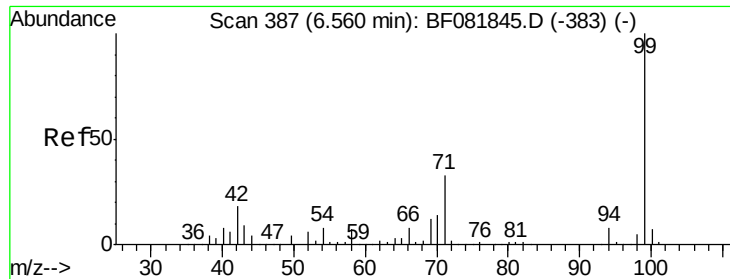


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.90 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleId :

TEC-9

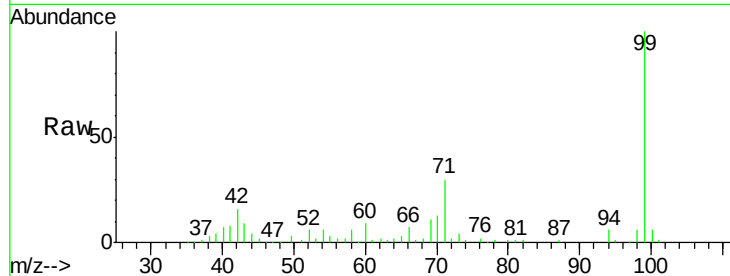
Tot Ion: 99 Resp: 143901

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

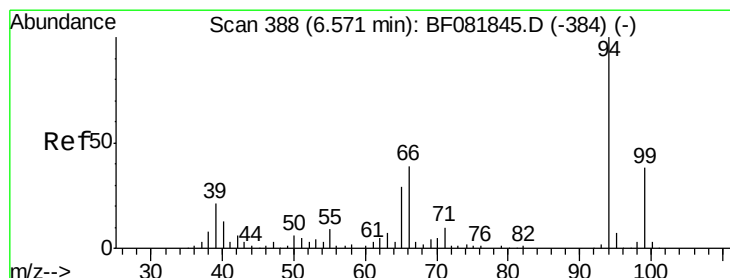
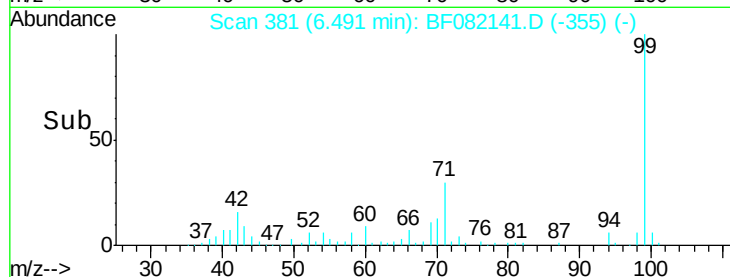
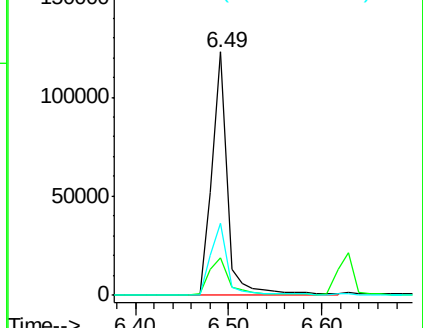
71 29.6 14.2 21.2#



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



#10

Phenol

Concen: 6.25 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

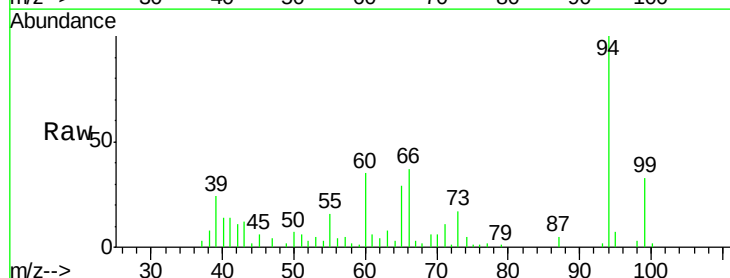
Tgt Ion: 94 Resp: 44041

Ion Ratio Lower Upper

94 100

65 28.6 0.7 40.7

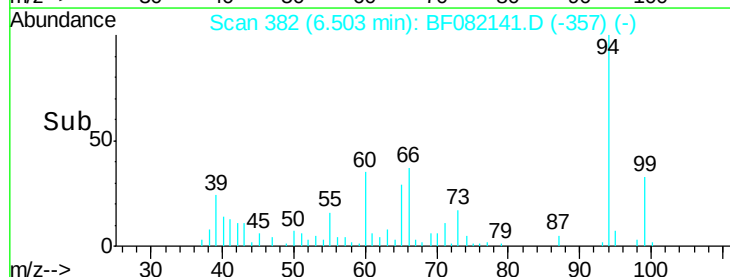
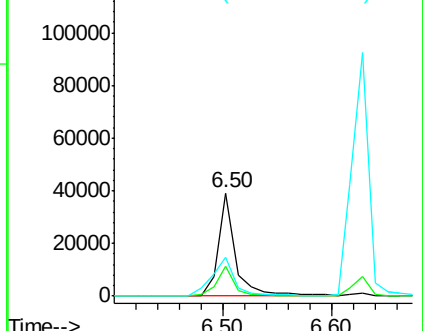
66 37.3 0.8 40.8

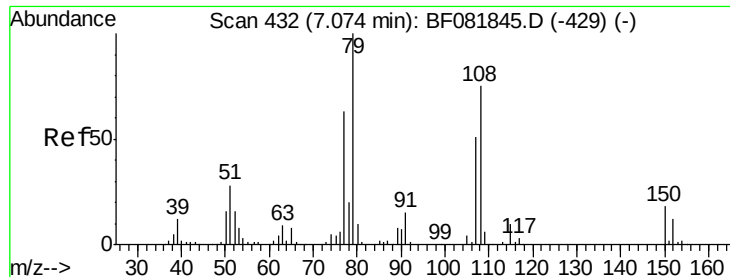


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

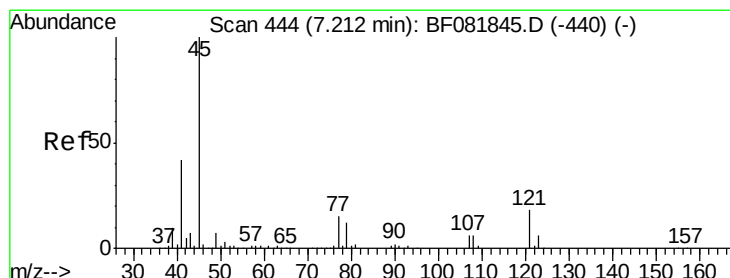
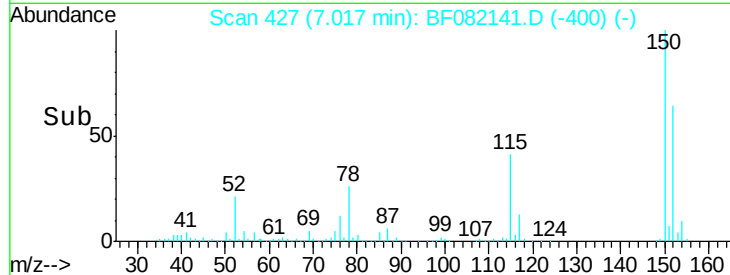
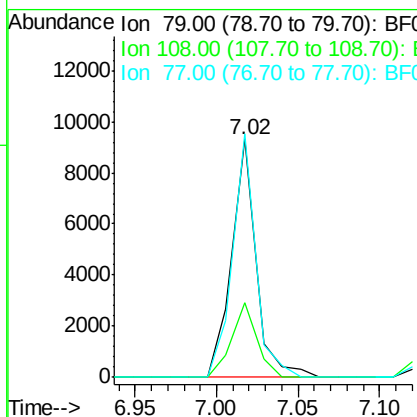
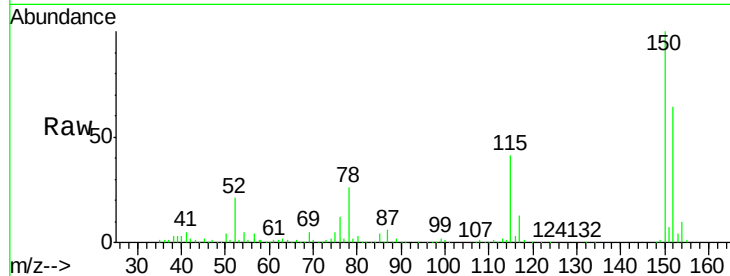




#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 7.02 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

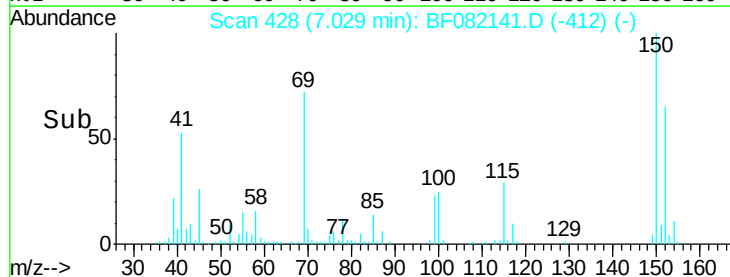
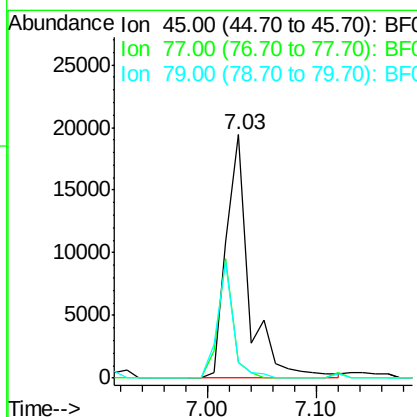
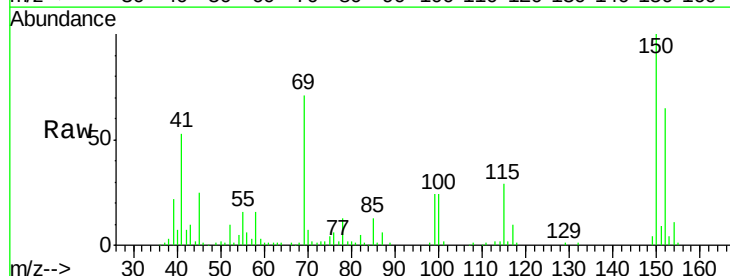
Instrument :
BNA_F
ClientSampleId :
TEC-9

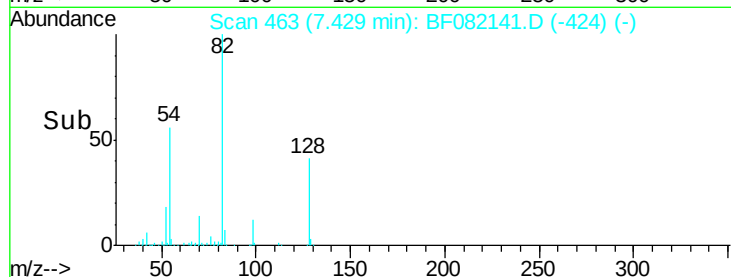
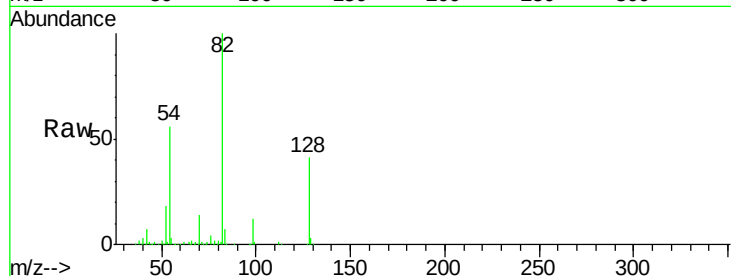
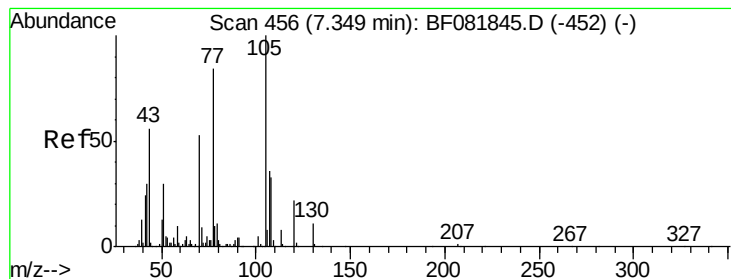
Tot Ion: 79 Resp: 9588
Ion Ratio Lower Upper
79 100
108 31.5 88.6 132.8#
77 102.3 47.0 70.4#



#16
2,2'-oxybis(1-chloropropane)
Concen: 3.72 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.11 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

Tgt Ion: 45 Resp: 28734
Ion Ratio Lower Upper
45 100
77 6.5 0.0 28.1
79 6.7 0.0 26.0





#19

n-Nitroso-di-n-propylamine

Concen: 15.35 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleId :

TEC-9

Tot Ion: 70 Resp: 58641

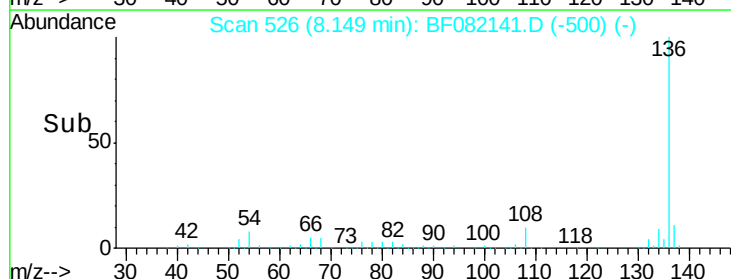
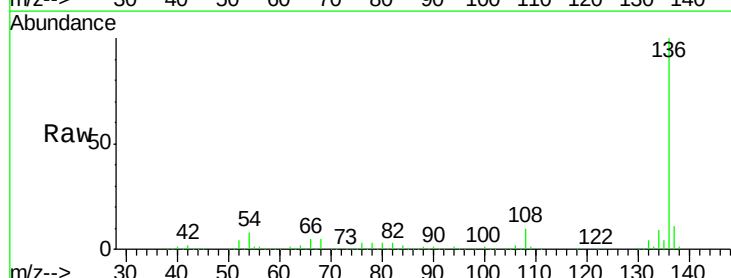
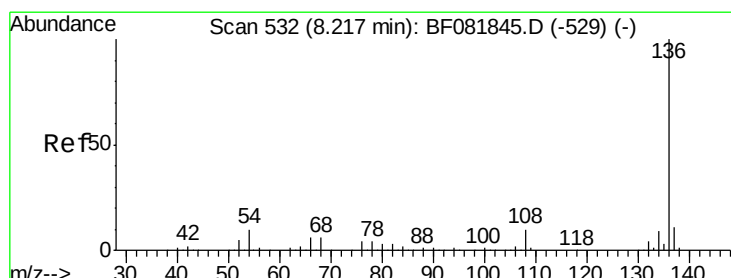
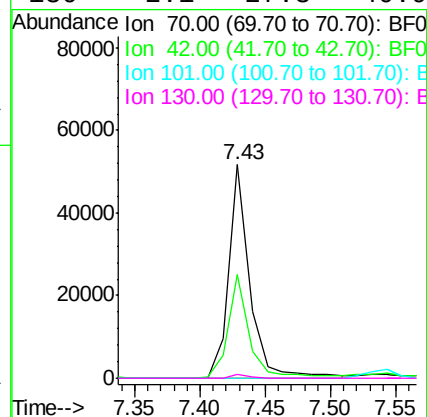
Ion Ratio Lower Upper

70 100

42 48.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Tgt Ion: 136 Resp: 380640

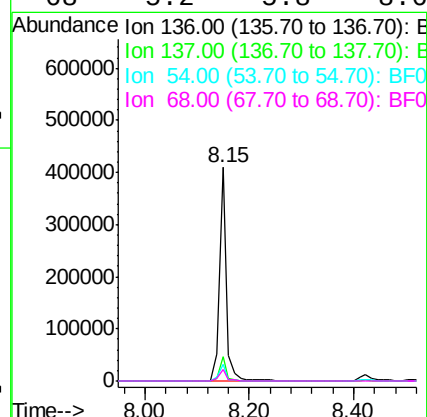
Ion Ratio Lower Upper

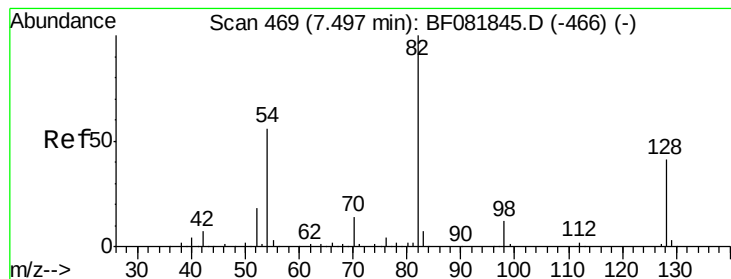
136 100

137 11.1 9.0 13.6

54 7.9 8.2 12.2#

68 5.2 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 79.36 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleId :

TEC-9

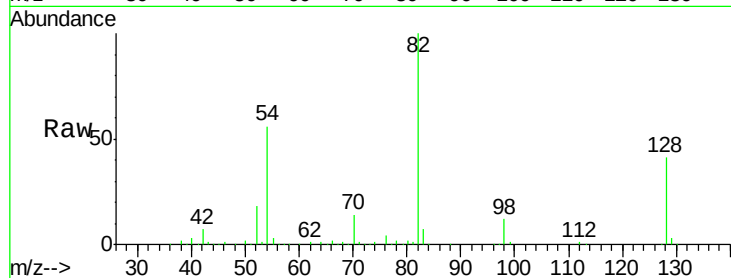
Tot Ion: 82 Resp: 453144

Ion Ratio Lower Upper

82 100

128 41.5 51.0 76.6#

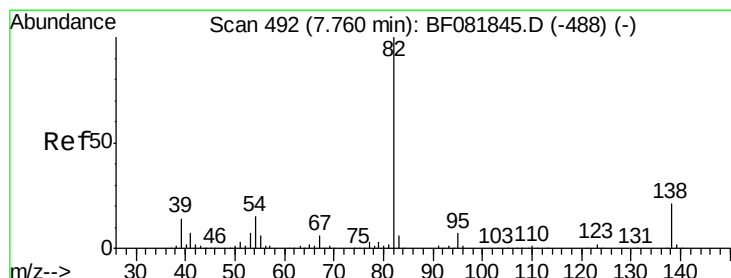
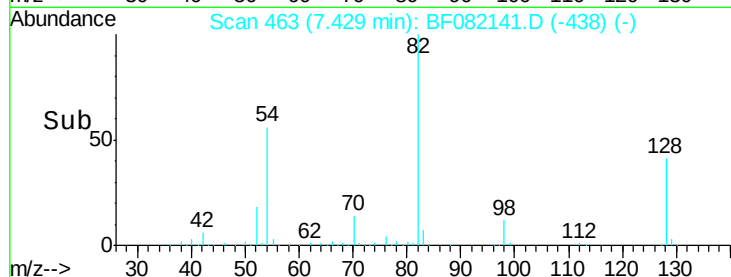
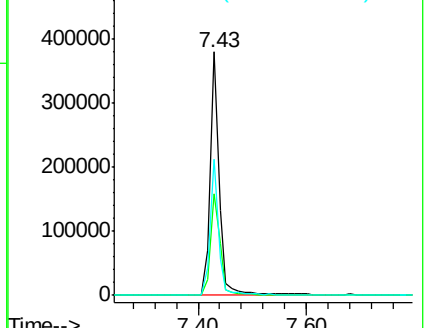
54 55.9 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.18 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

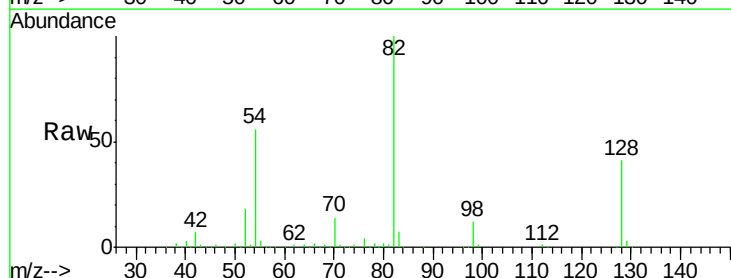
Tgt Ion: 82 Resp: 386892

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

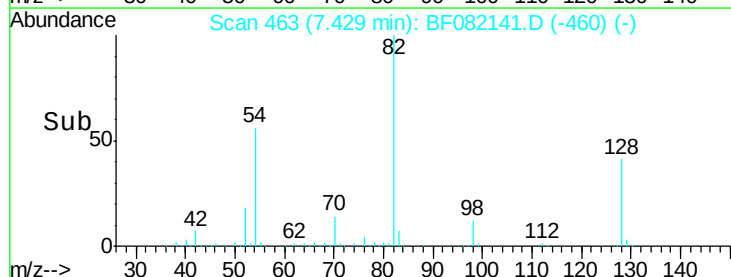
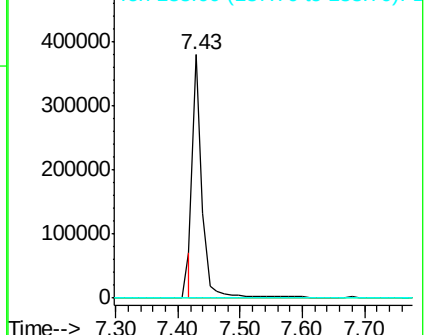
138 0.0 18.3 27.5#

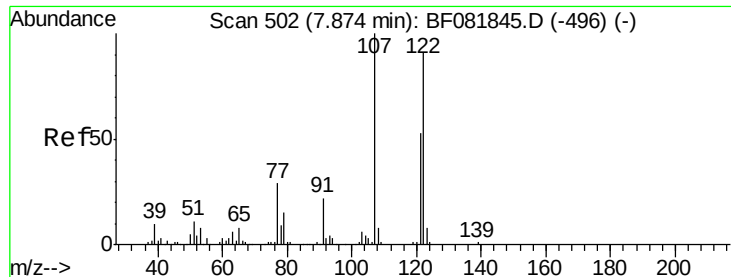


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#27

2,4-Dimethylphenol

Concen: 9.98 ng

RT: 7.91 min Scan# 505

Delta R.T. 0.10 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleId :

TEC-9

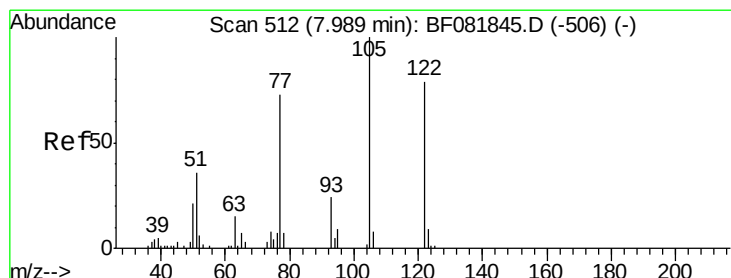
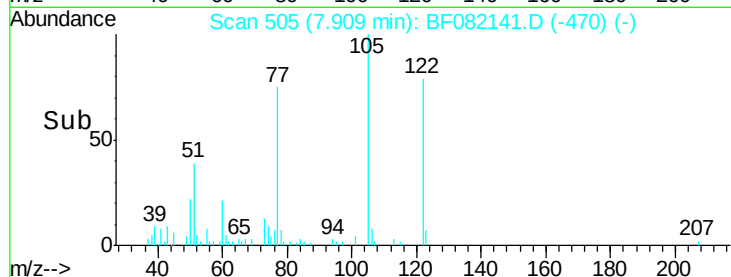
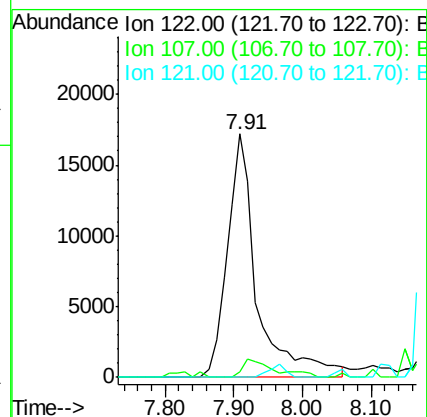
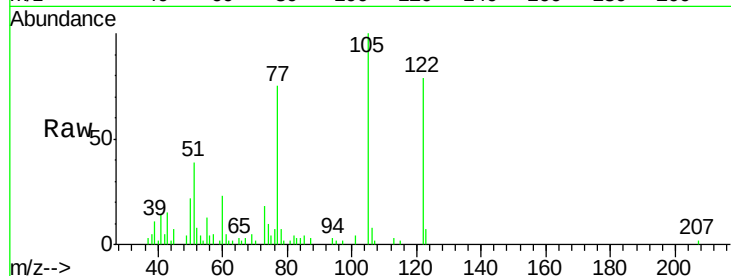
Tot Ion:122 Resp: 52255

Ion Ratio Lower Upper

122 100

107 2.5 71.8 107.6#

121 0.0 42.3 63.5#



#32

Benzoic acid

Concen: 21.69 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

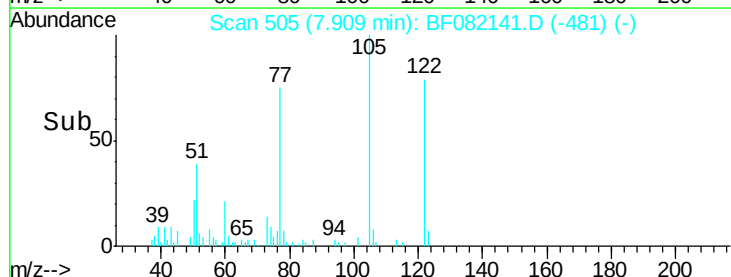
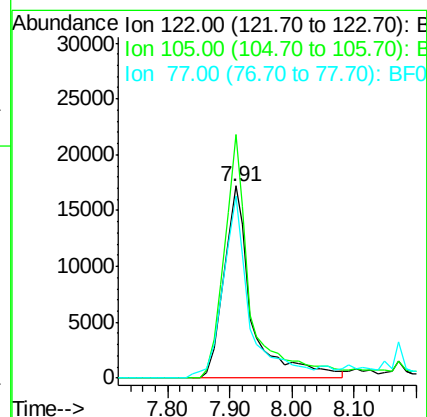
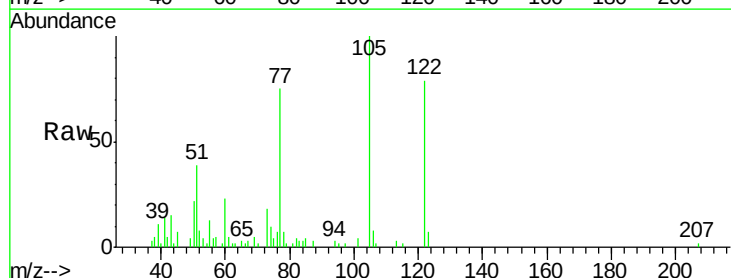
Tgt Ion:122 Resp: 53041

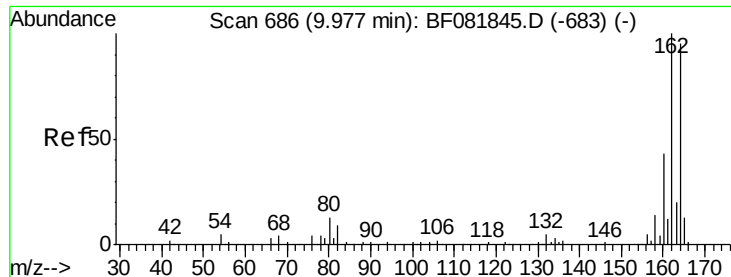
Ion Ratio Lower Upper

122 100

105 126.7 76.1 116.1#

77 94.9 40.5 80.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleId :

TEC-9

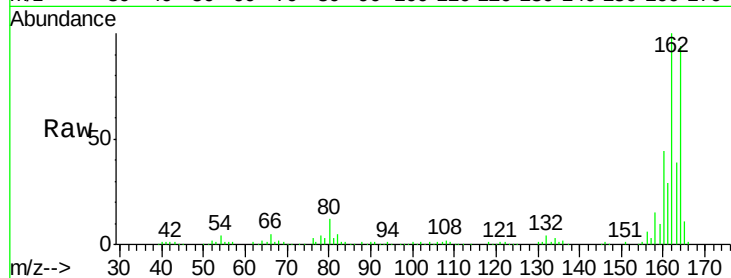
Tot Ion:164 Resp: 173810

Ion Ratio Lower Upper

164 100

162 106.9 75.2 112.8

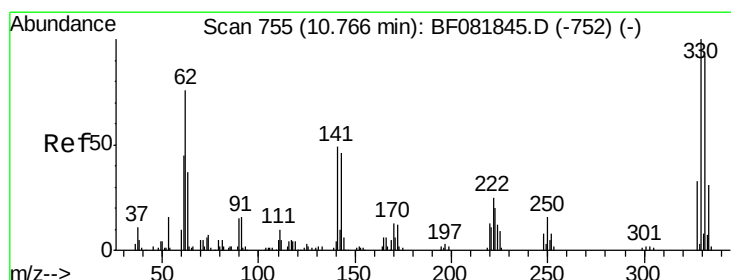
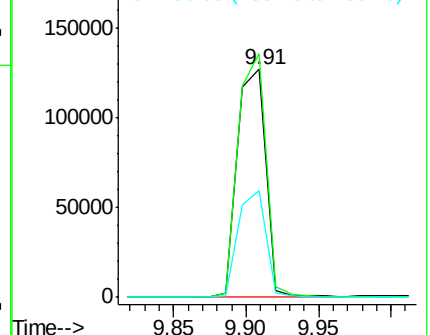
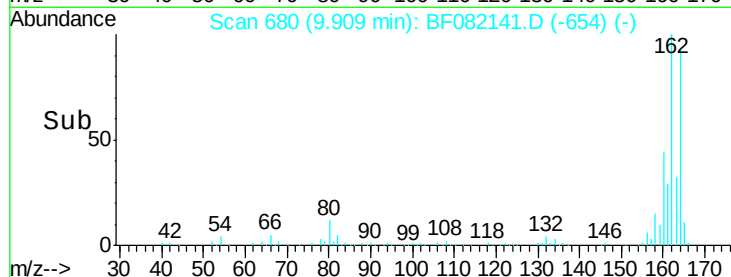
160 46.9 31.5 47.3



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: 94.56 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

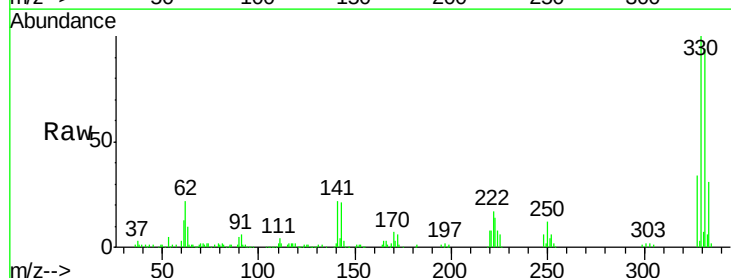
Tgt Ion:330 Resp: 166456

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

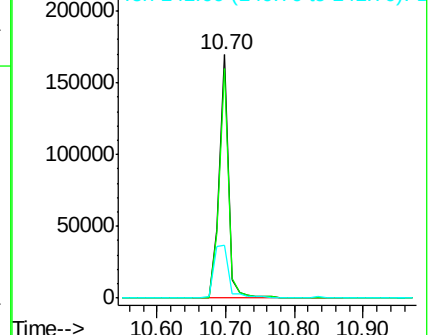
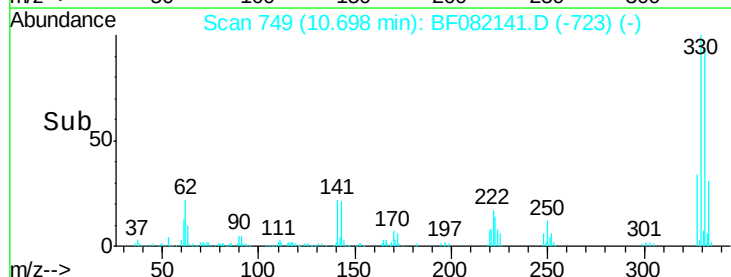
141 34.8 29.7 44.5

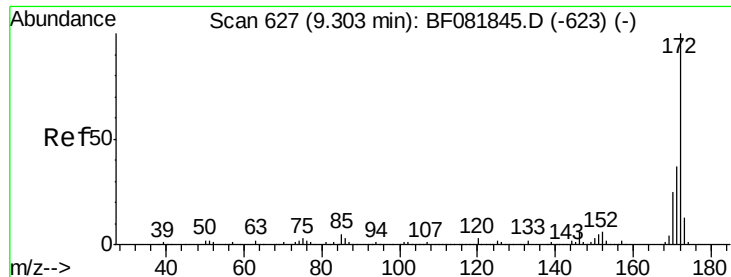


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

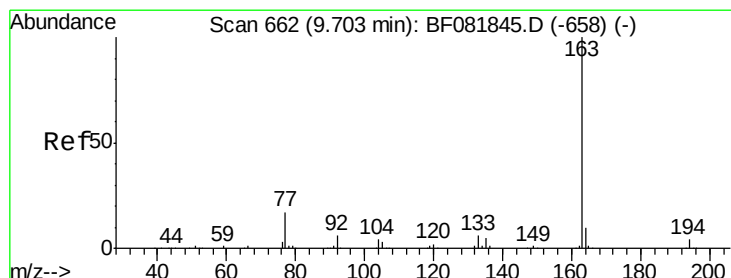
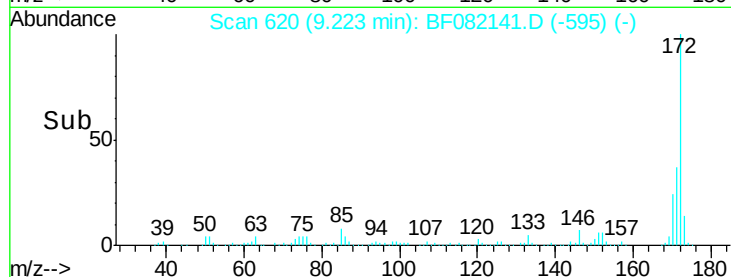
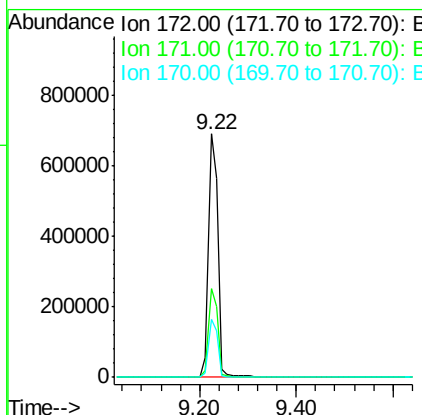
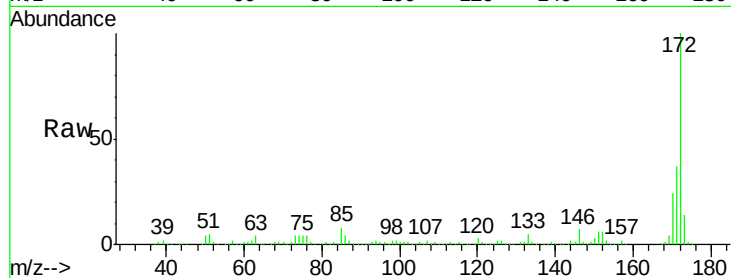




#44
2-Fluorobiphenyl
Concen: 92.69 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

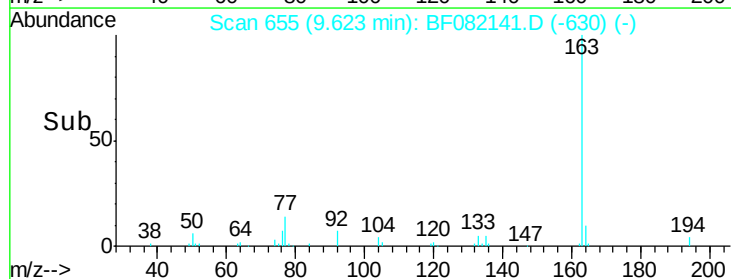
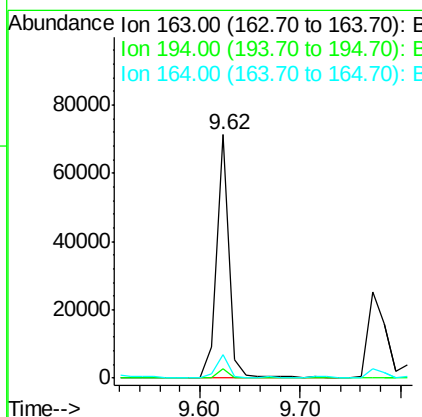
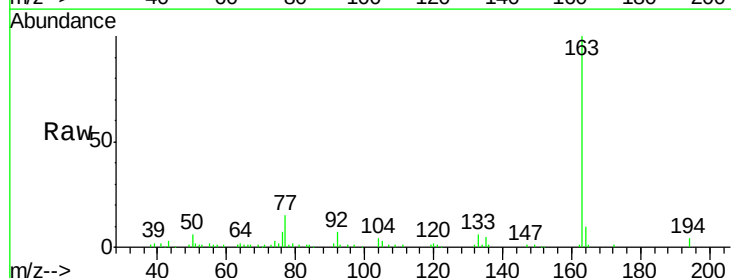
Instrument :
BNA_F
ClientSampleId :
TEC-9

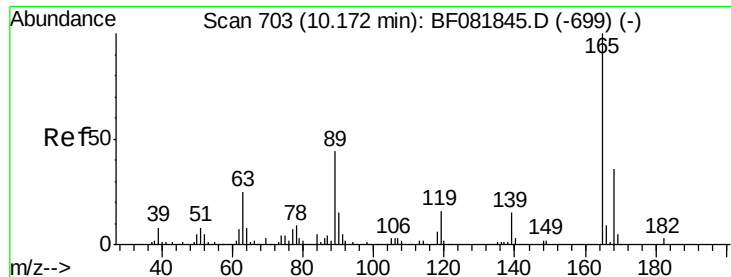
Tot Ion:172 Resp: 945934
Ion Ratio Lower Upper
172 100
171 36.6 26.1 39.1
170 24.0 17.4 26.2



#49
Dimethylphthalate
Concen: 5.07 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

Tgt Ion:163 Resp: 60876
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 9.6 8.3 12.5

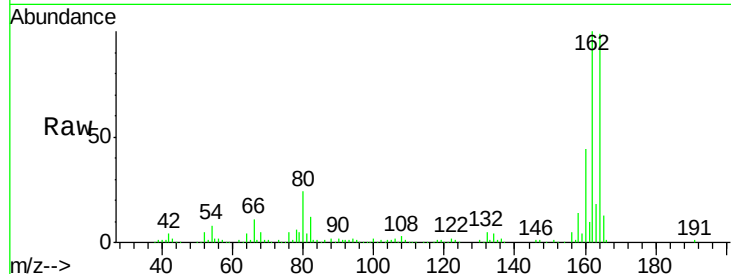




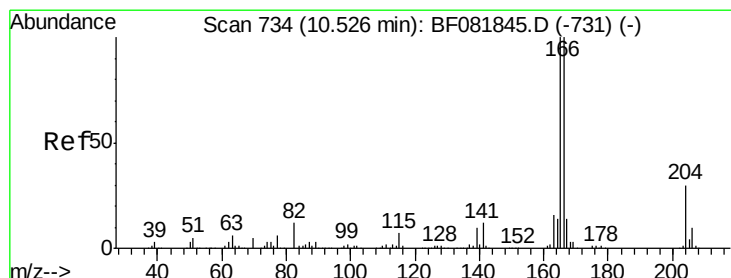
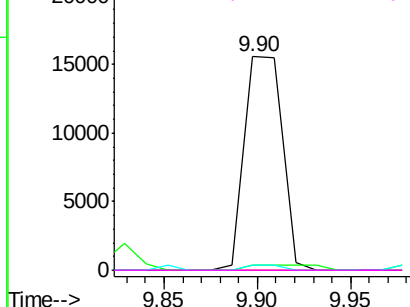
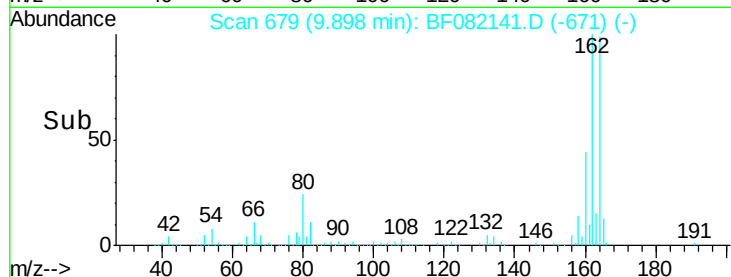
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.21 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

Instrument :
BNA_F
ClientSampleId :
TEC-9

Tot Ion:165 Resp: 21972
Ion Ratio Lower Upper
165 100
63 2.7 29.8 44.6#
89 2.2 44.5 66.7#
182 0.0 3.0 4.4#

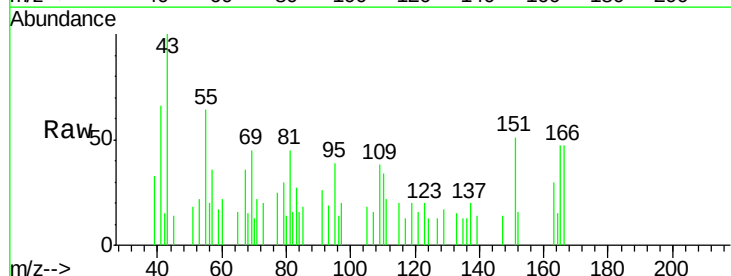


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

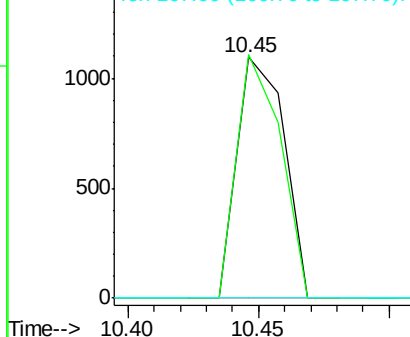
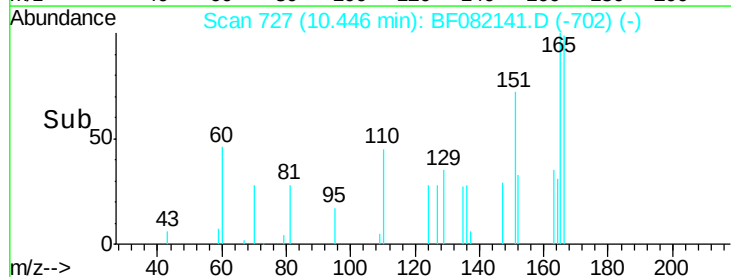


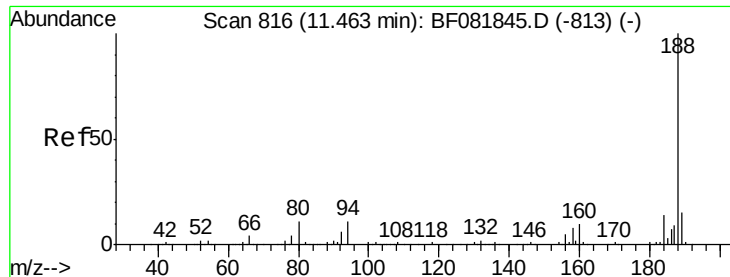
#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

Tgt Ion:166 Resp: 1391
Ion Ratio Lower Upper
166 100
165 101.2 72.6 109.0
167 0.0 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

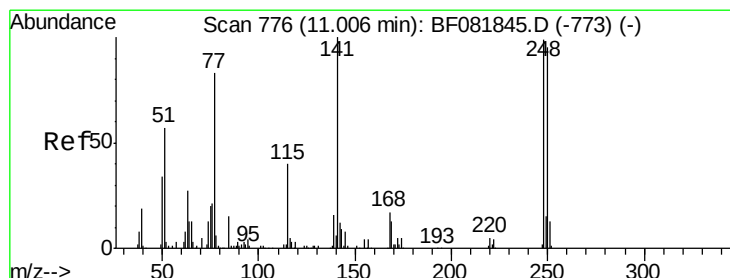
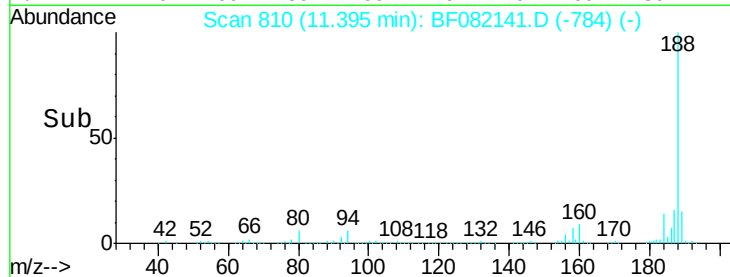
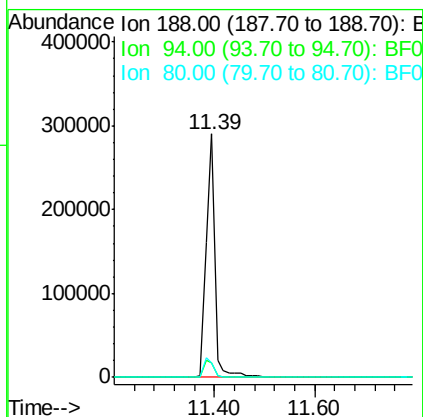
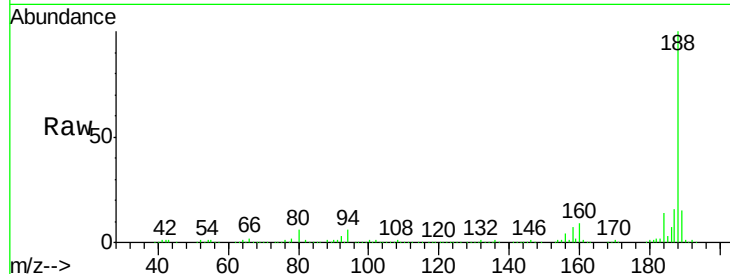




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082141.D
 Acq: 8 Oct 2015 22:13

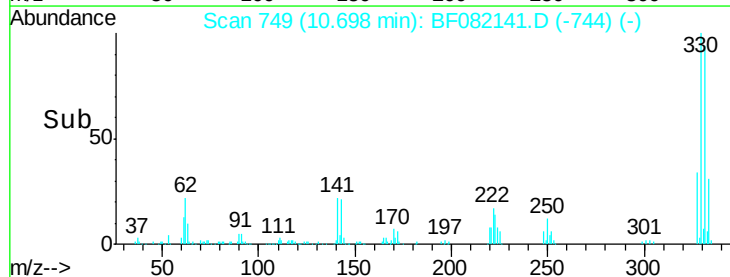
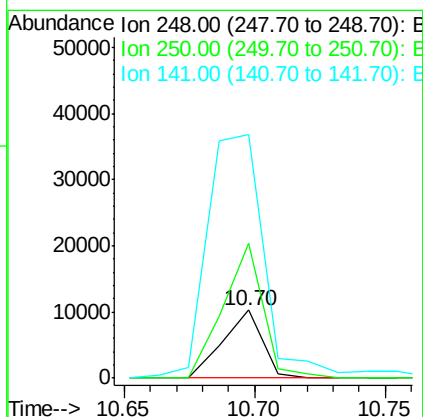
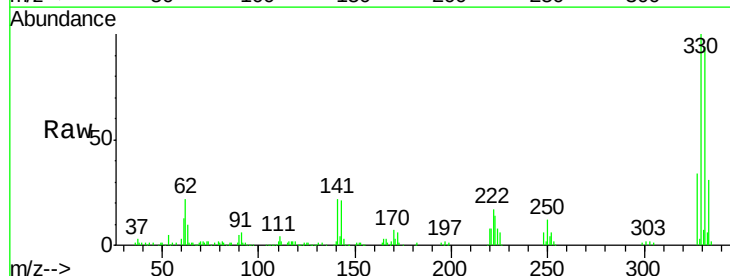
Instrument :
 BNA_F
 ClientSampleId :
 TEC-9

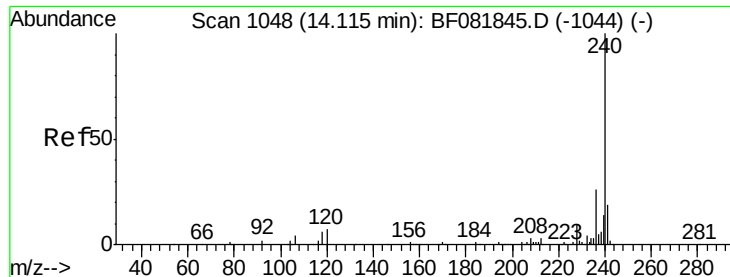
Tot Ion:188 Resp: 351197
 Ion Ratio Lower Upper
 188 100
 94 6.1 11.1 16.7#
 80 6.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.08 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF082141.D
 Acq: 8 Oct 2015 22:13

Tgt Ion:248 Resp: 10898
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.5 117.7#
 141 358.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

Instrument :

BNA_F

ClientSampleID :

TEC-9

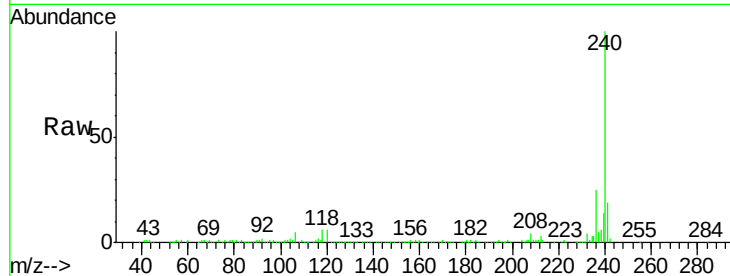
Tot Ion:240 Resp: 279538

Ion Ratio Lower Upper

240 100

120 6.3 16.2 24.2#

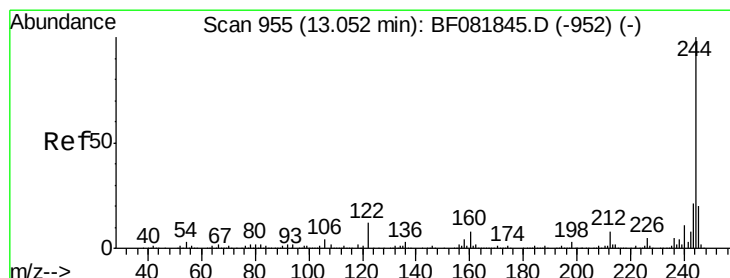
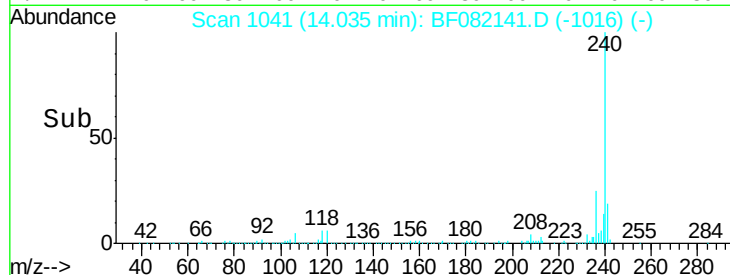
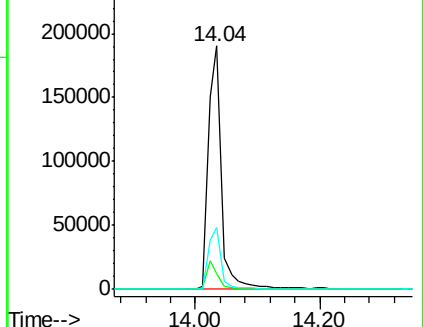
236 25.2 18.4 27.6



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: 125.41 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082141.D

Acq: 8 Oct 2015 22:13

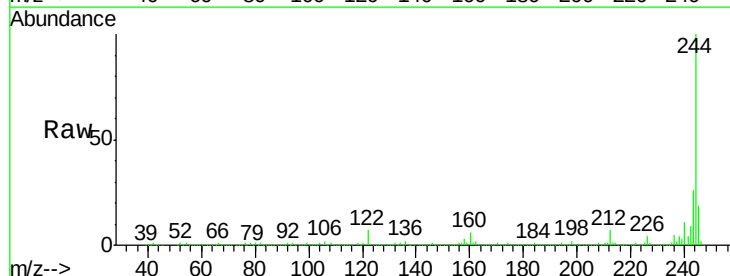
Tgt Ion:244 Resp: 947202

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

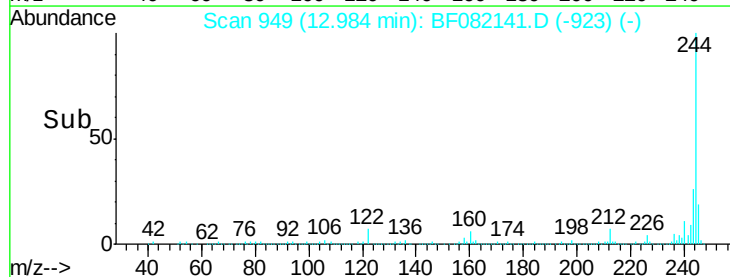
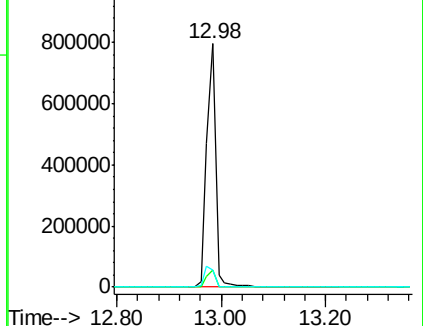
122 7.2 17.4 26.2#

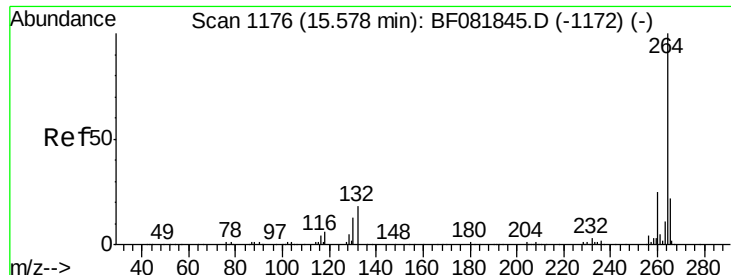


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

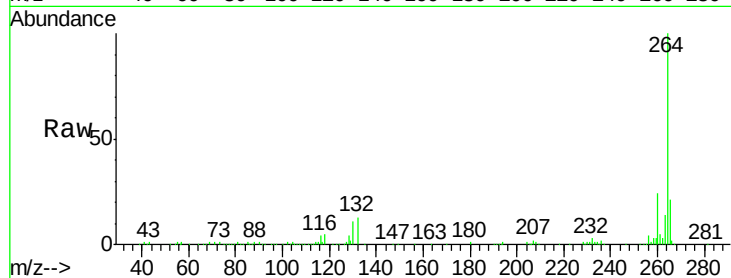




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082141.D
Acq: 8 Oct 2015 22:13

Instrument :
BNA_F
ClientSampleId :
TEC-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.0	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

