

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082026.D
 Acq On : 3 Oct 2015 17:27
 Operator : UM/IZ
 Sample : G3888-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC093015

Quant Time: Oct 05 01:39:20 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

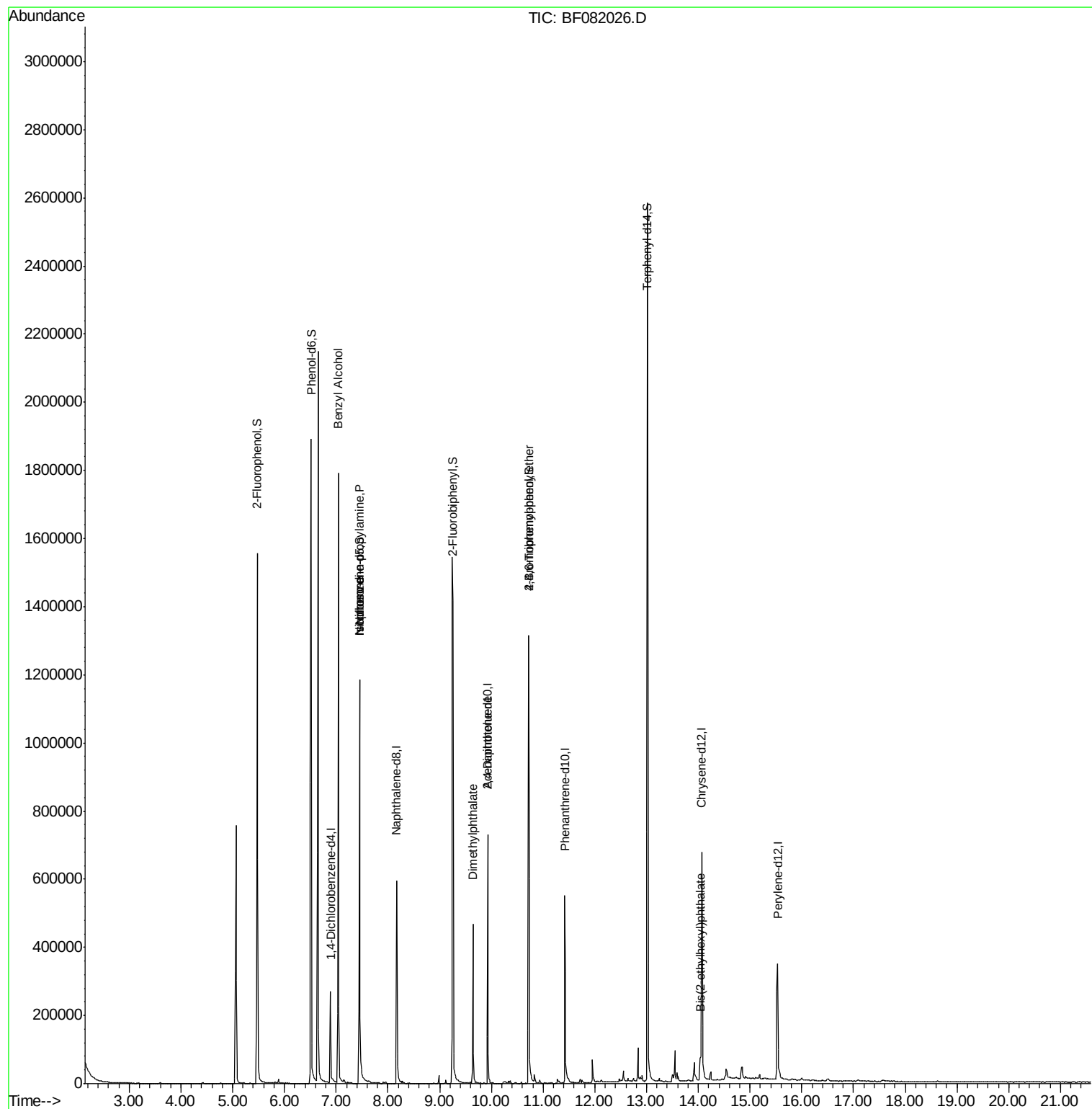
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	71279	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	302662	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	153656	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	309743	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	297428	20.00	ng	-0.05
86) Perylene-d12	15.53	264	219615	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	527677	134.39	ng	-0.04
7) Phenol-d6	6.51	99	789831	159.86	ng	-0.05
23) Nitrobenzene-d5	7.45	82	447104	98.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	208522	134.00	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	851372	94.84	ng	-0.05
78) Terphenyl-d14	13.02	244	915804	106.92	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.04	79	7134	2.00	ng	# 32
19) n-Nitroso-di-n-propylamine	7.45	70	56589	18.84	ng	# 58
25) Isophorone	7.45	82	391465	43.50	ng	# 58
49) Dimethylphthalate	9.65	163	209050	19.71	ng	# 98
56) 2,4-Dinitrotoluene	9.93	165	19177	6.53	ng	# 31
57) Fluorene	10.48	166	614	Below Cal	#	61
66) 4-Bromophenyl-phenylether	10.72	248	12897	4.13	ng	# 1
70) Phenanthrene	11.44	178	8030	Below Cal	#	96
73) Di-n-butylphthalate	11.99	149	1536	Below Cal	#	78
83) Bis(2-ethylhexyl)phthalate	14.05	149	46809	5.58	ng	# 95

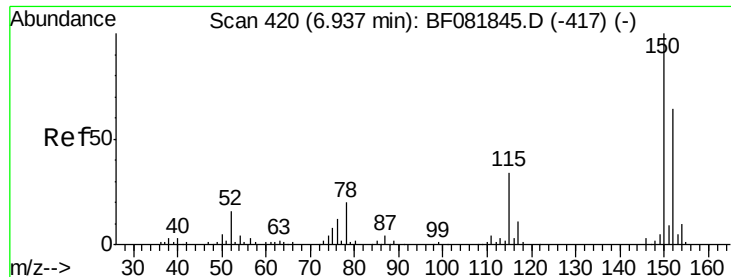
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

Instrument :

BNA_F

ClientSampleId :

WC093015

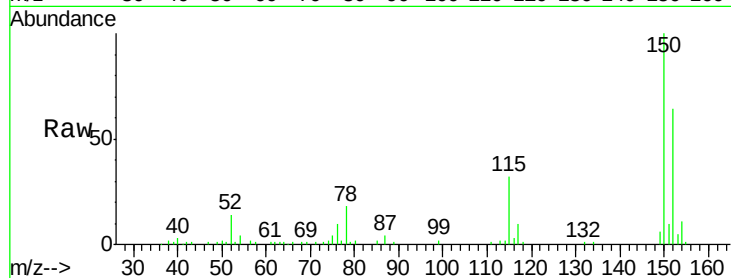
Tgt Ion:152 Resp: 71279

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

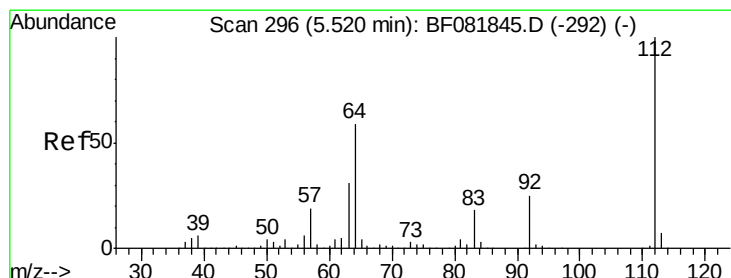
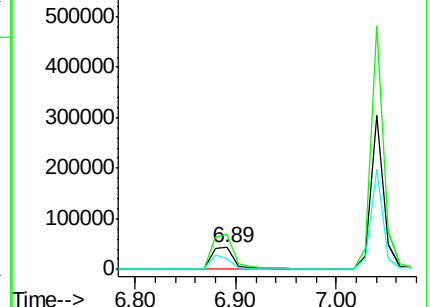
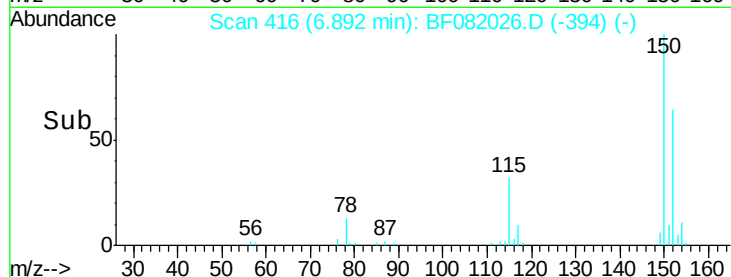
115 50.0 39.0 58.4



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: 134.39 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

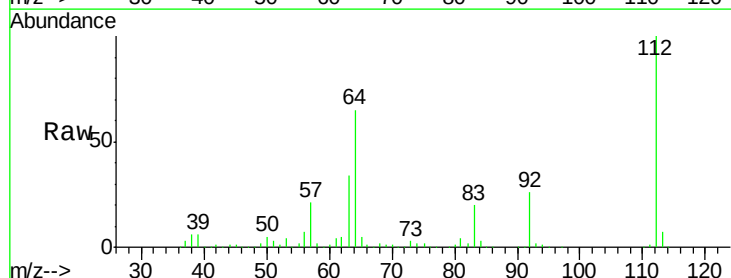
Tgt Ion:112 Resp: 527677

Ion Ratio Lower Upper

112 100

64 64.8 39.7 59.5#

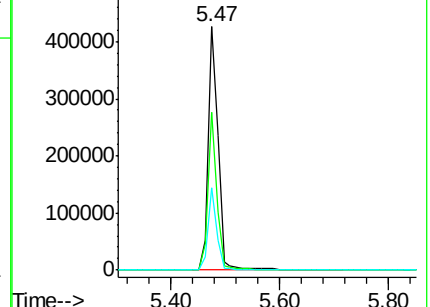
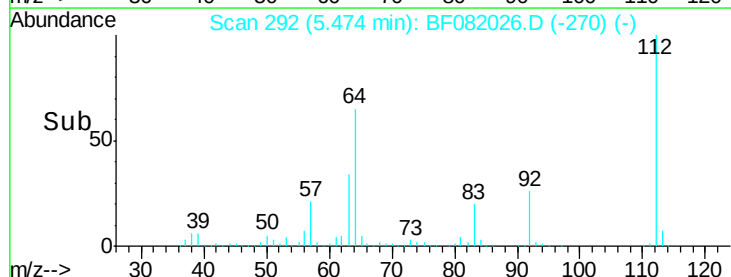
63 34.0 17.4 26.0#

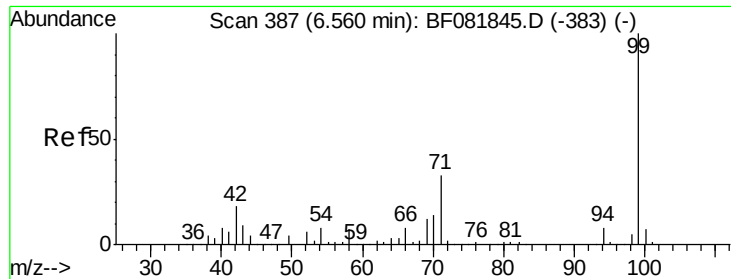


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 159.86 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

Instrument :

BNA_F

ClientSampleId :

WC093015

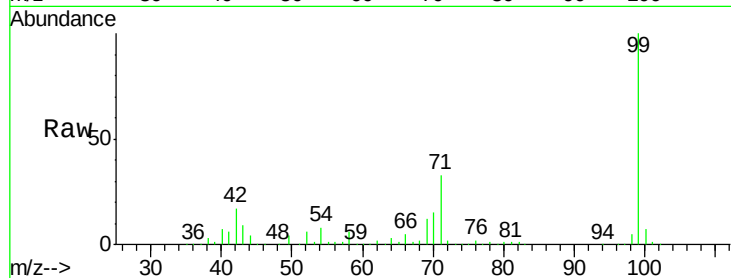
Tgt Ion: 99 Resp: 789831

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

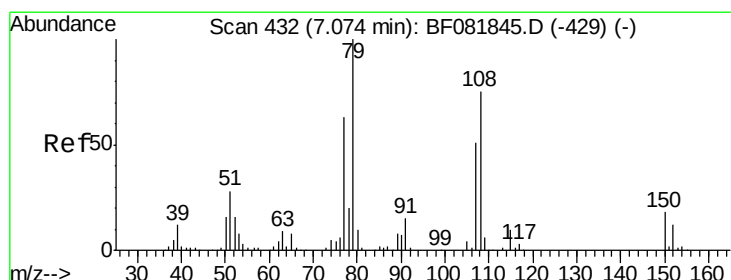
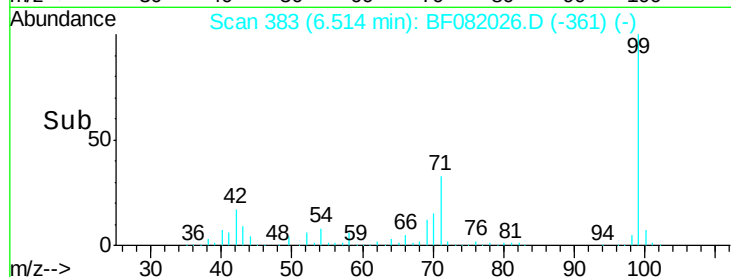
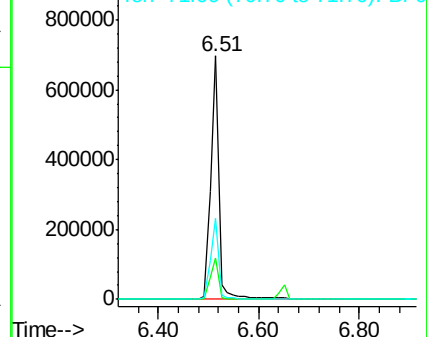
71 33.4 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

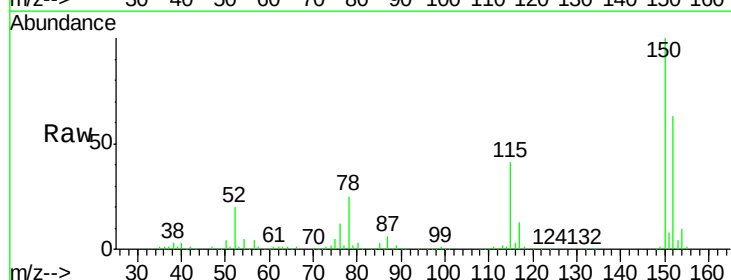
Tgt Ion: 79 Resp: 7134

Ion Ratio Lower Upper

79 100

108 26.9 88.6 132.8#

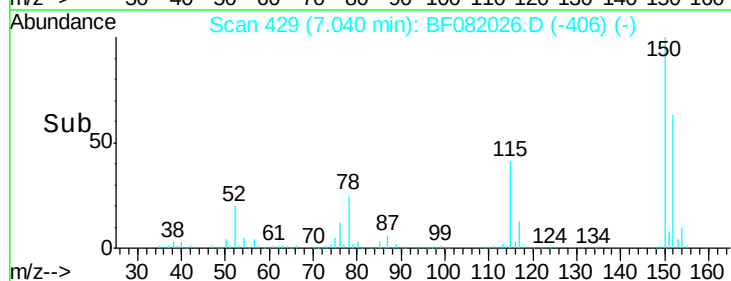
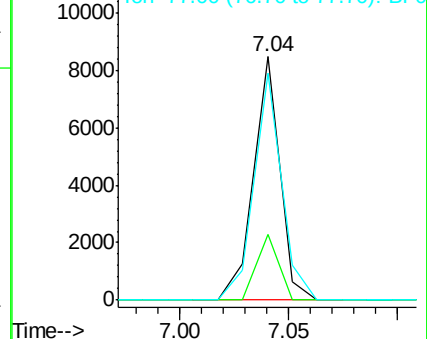
77 93.3 47.0 70.4#

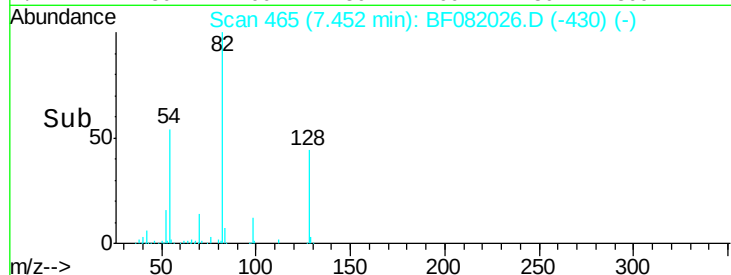
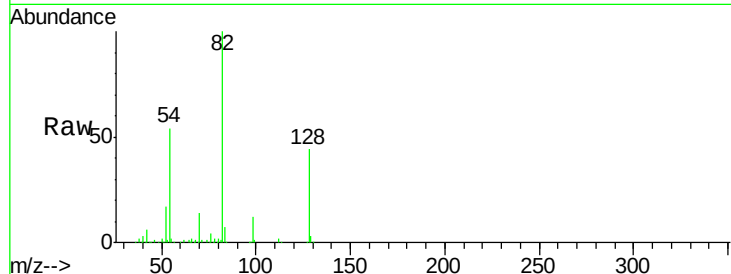
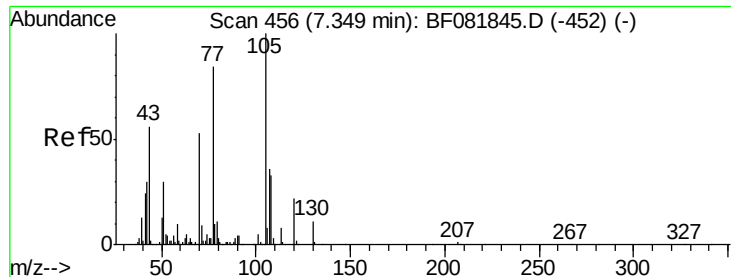


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

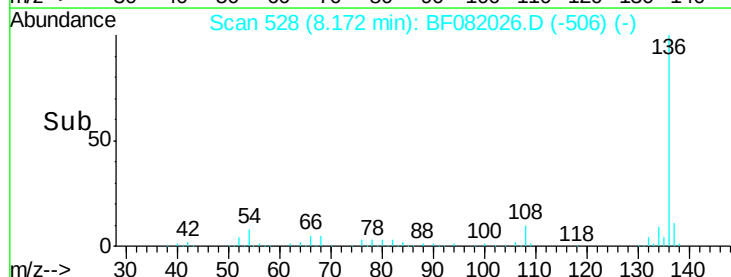
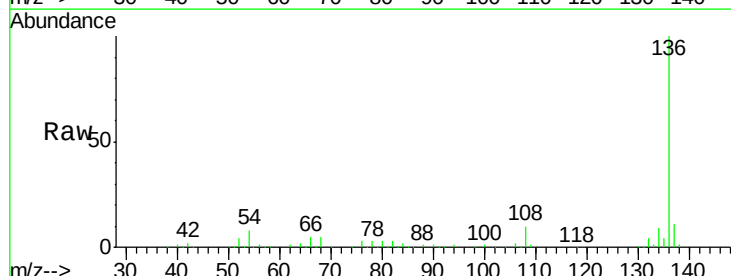
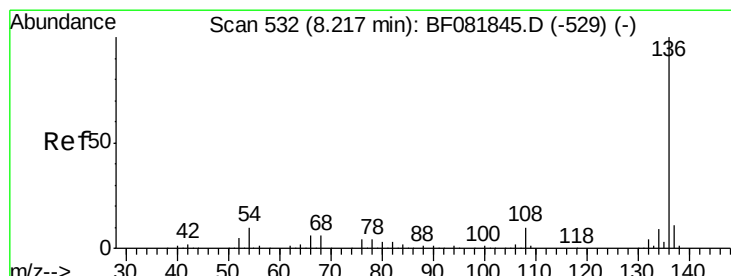
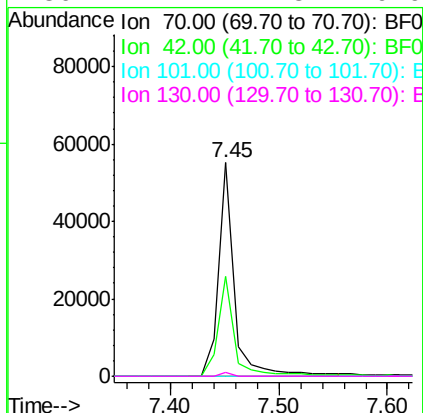




#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.10 min
Lab File: BF082026.D
Acq: 3 Oct 2015 17:27

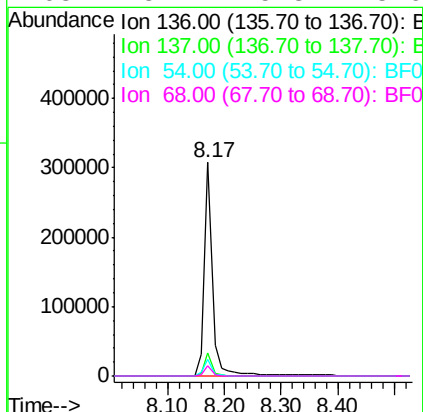
Instrument :
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ClientSampleId :
WC093015

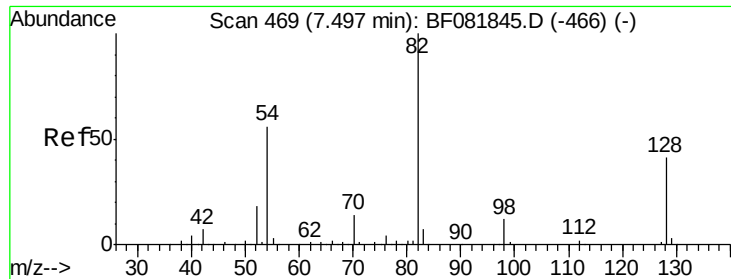
Tgt Ion:	70	Resp:	56589
Ion	Ratio	Lower	Upper
70	100		
42	46.5	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082026.D
Acq: 3 Oct 2015 17:27

Tgt Ion:	136	Resp:	302662
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.7	8.2	12.2#
68	5.1	5.8	8.6#

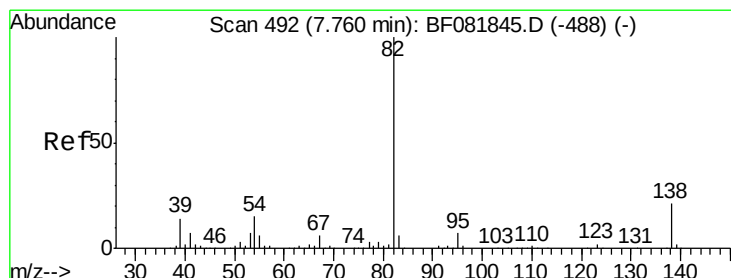
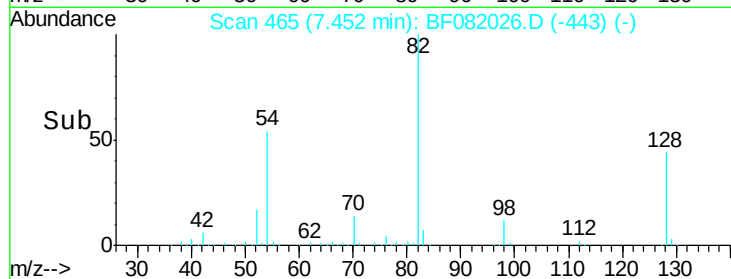
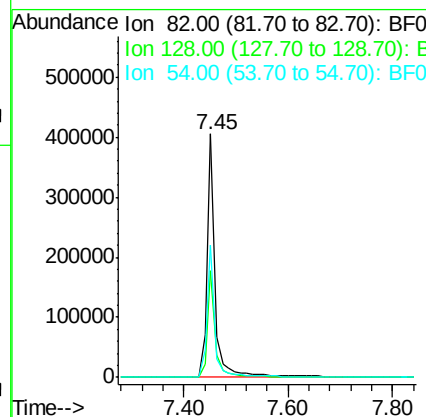
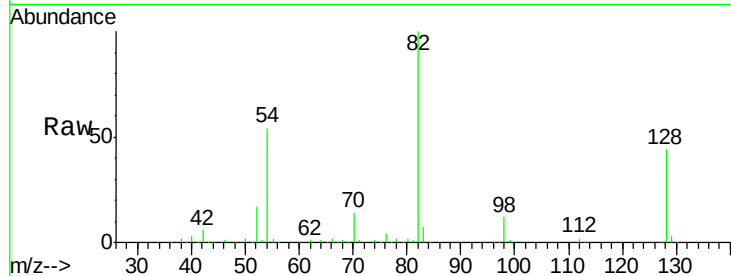




#23
 Nitrobenzene-d5
 Concen: 98.47 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082026.D
 Acq: 3 Oct 2015 17:27

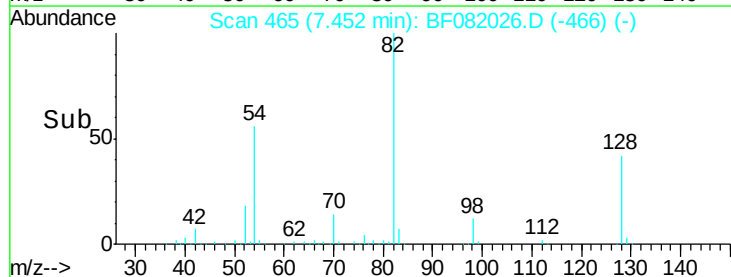
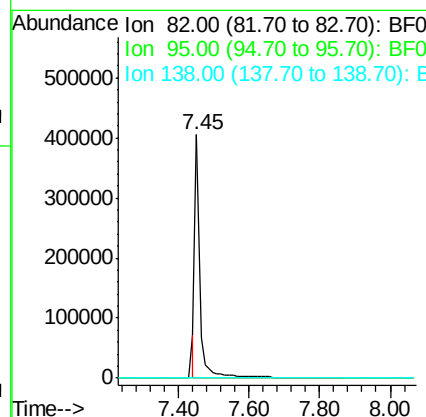
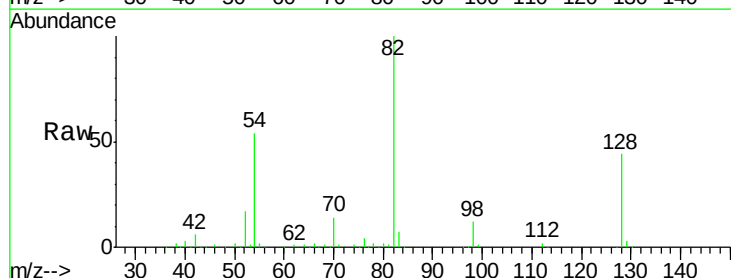
Instrument :
 BNA_F
 ClientSampleId :
 WC093015

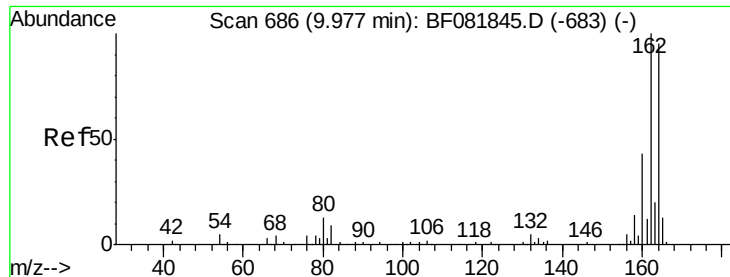
Tgt Ion: 82 Resp: 447104
 Ion Ratio Lower Upper
 82 100
 128 44.0 51.0 76.6#
 54 54.4 47.5 71.3



#25
 Isophorone
 Concen: 43.50 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.31 min
 Lab File: BF082026.D
 Acq: 3 Oct 2015 17:27

Tgt Ion: 82 Resp: 391465
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

Instrument :

BNA_F

ClientSampleId :

WC093015

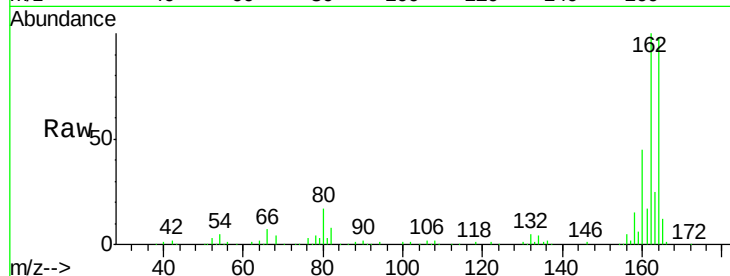
Tgt Ion:164 Resp: 153656

Ion Ratio Lower Upper

164 100

162 101.6 75.2 112.8

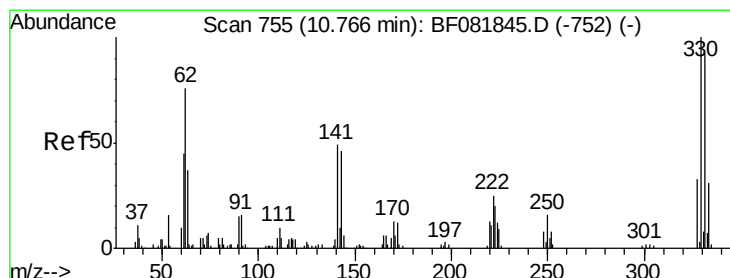
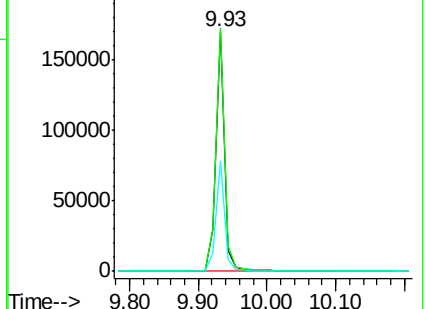
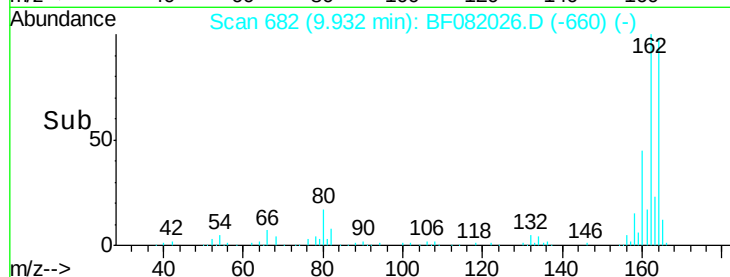
160 46.0 31.5 47.3



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: 134.00 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

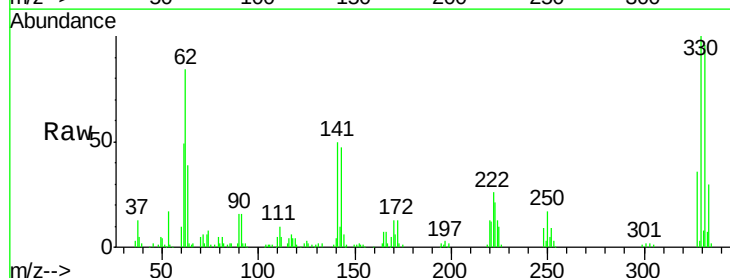
Tgt Ion:330 Resp: 208522

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

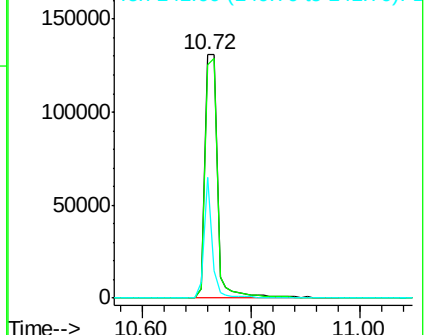
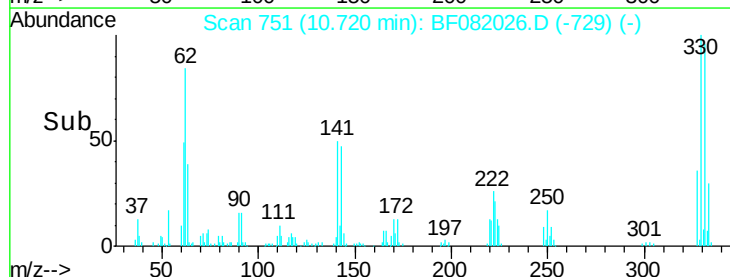
141 32.2 29.7 44.5

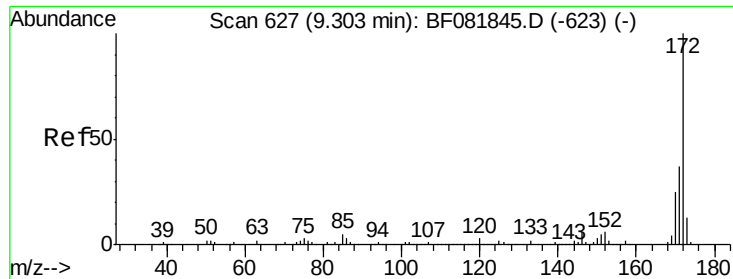


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

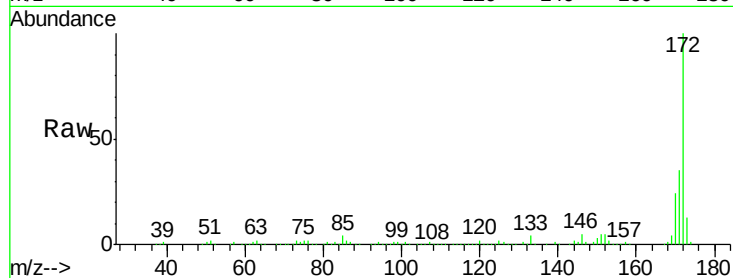




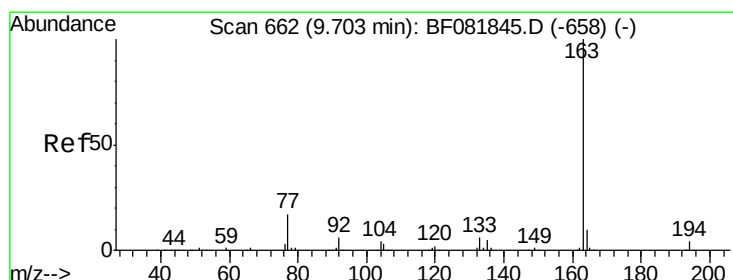
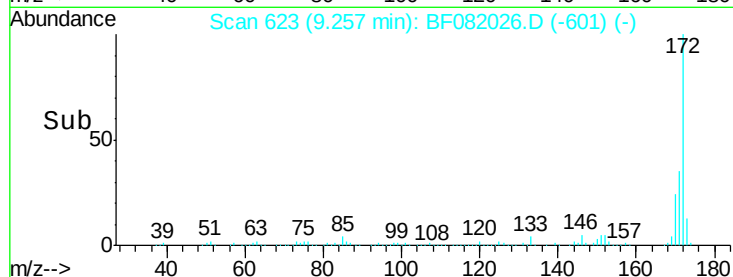
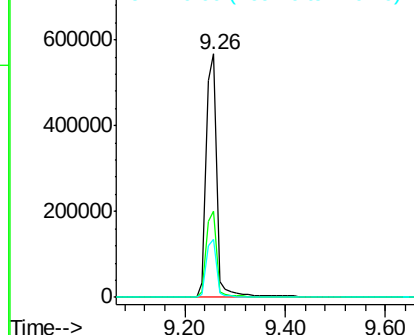
#44
2-Fluorobiphenyl
Concen: 94.84 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082026.D
Acq: 3 Oct 2015 17:27

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 851372
Ion Ratio Lower Upper
172 100
171 35.5 26.1 39.1
170 23.6 17.4 26.2

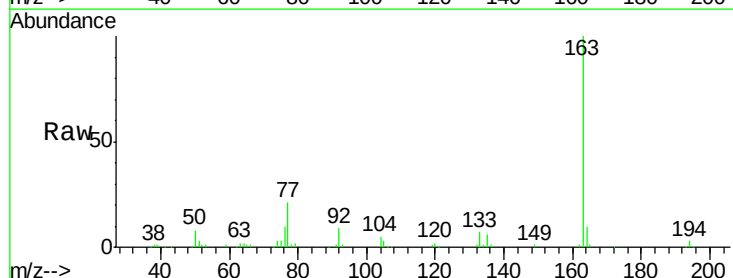


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

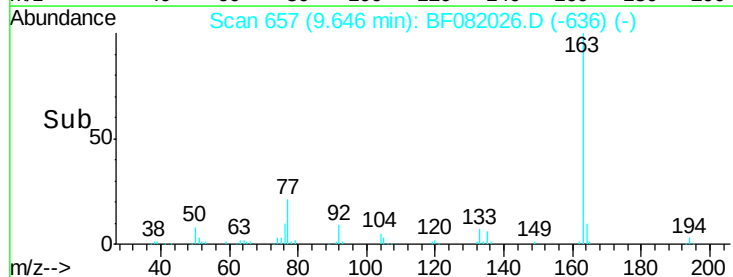
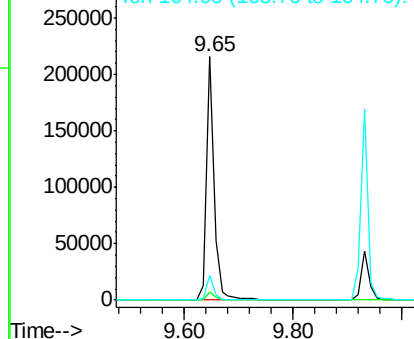


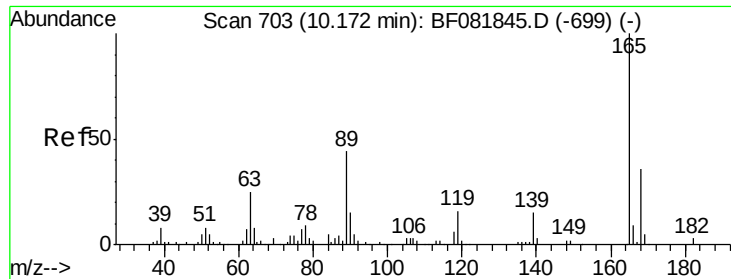
#49
Dimethylphthalate
Concen: 19.71 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082026.D
Acq: 3 Oct 2015 17:27

Tgt Ion:163 Resp: 209050
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.3 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

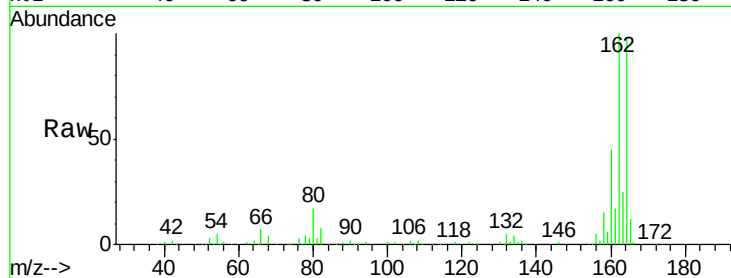




#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF082026.D
Acq: 3 Oct 2015 17:27

Instrument :
BNA_F
ClientSampleId :
WC093015

Tgt Ion:	165	Resp:	19177
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

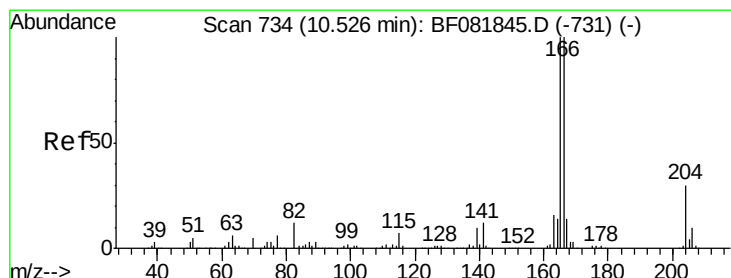
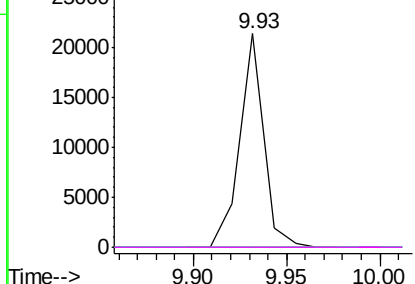
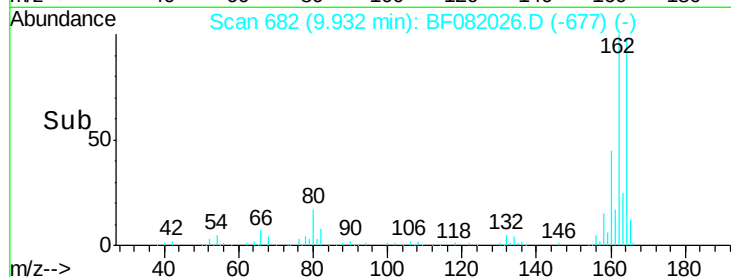


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

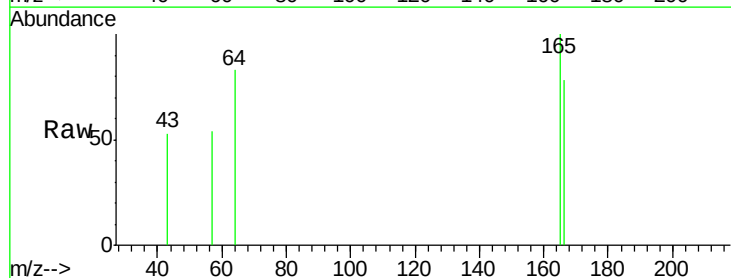
Ion 89.00 (88.70 to 89.70): BF0

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: BF082026.D
Acq: 3 Oct 2015 17:27

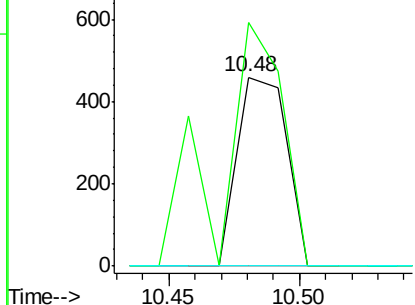
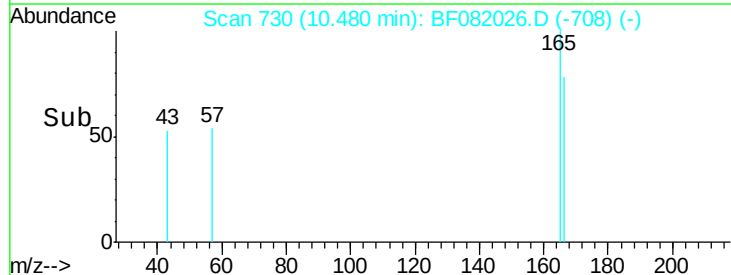
Tgt Ion:	166	Resp:	614
Ion	Ratio	Lower	Upper
166	100		
165	128.7	72.6	109.0#
167	0.0	10.6	16.0#

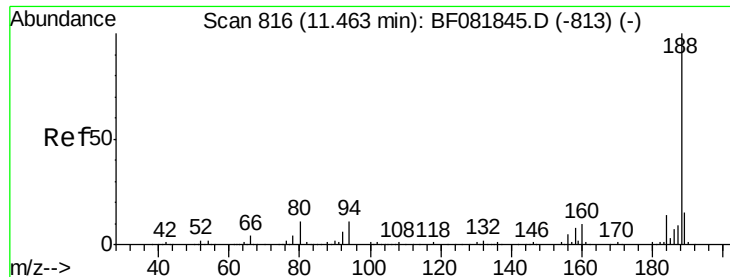


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

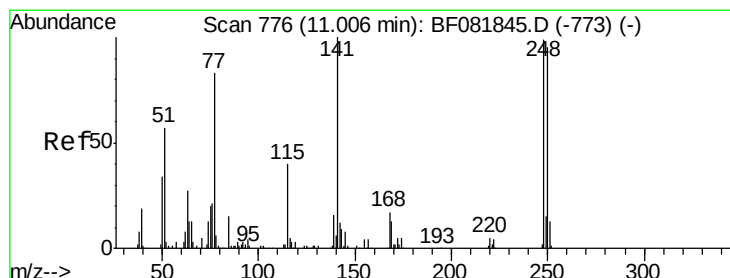
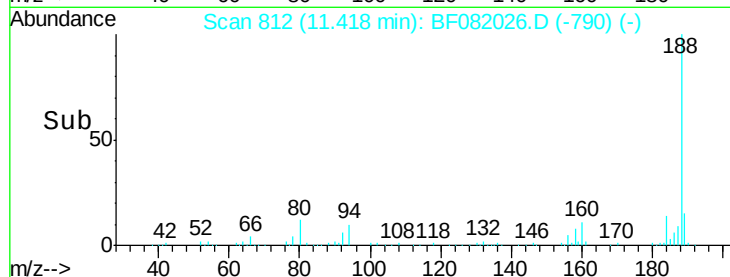
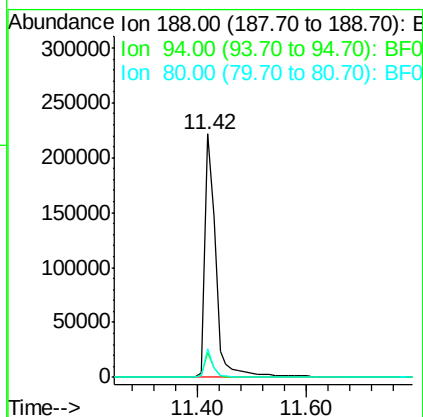
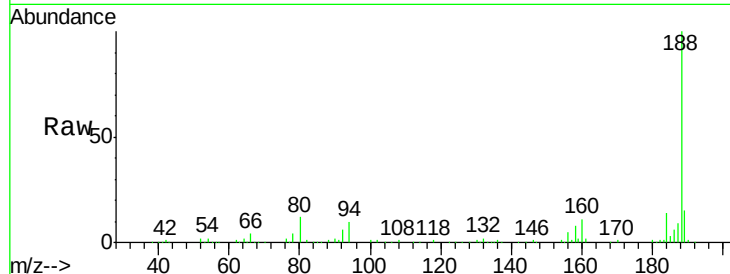




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF082026.D
 Acq: 3 Oct 2015 17:27

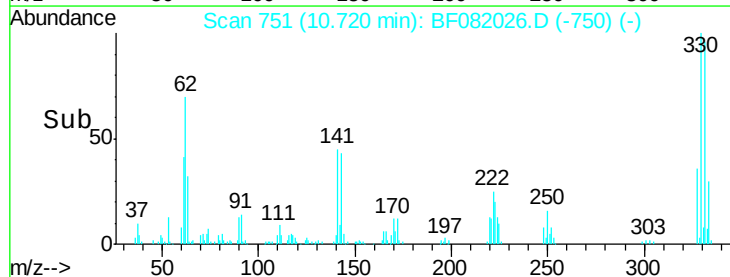
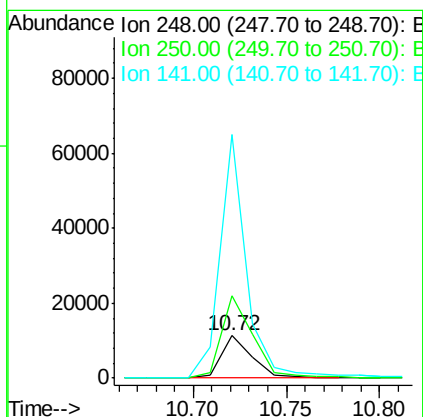
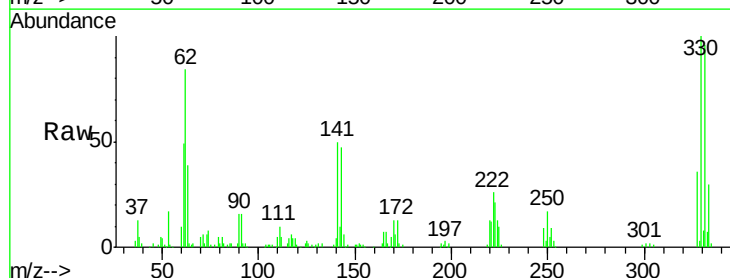
Instrument :
 BNA_F
 ClientSampleId :
 WC093015

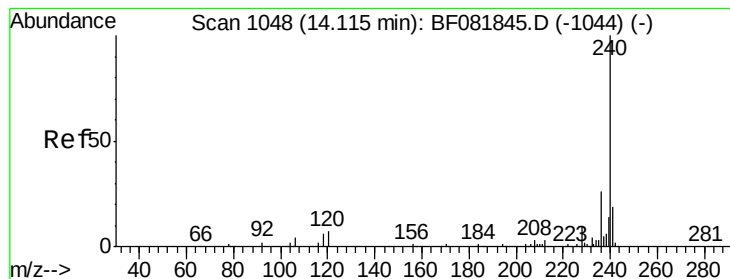
Tgt Ion:188 Resp: 309743
 Ion Ratio Lower Upper
 188 100
 94 10.4 11.1 16.7#
 80 11.8 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF082026.D
 Acq: 3 Oct 2015 17:27

Tgt Ion:248 Resp: 12897
 Ion Ratio Lower Upper
 248 100
 250 197.2 78.5 117.7#
 141 578.6 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

Instrument :

BNA_F

ClientSampleId :

WC093015

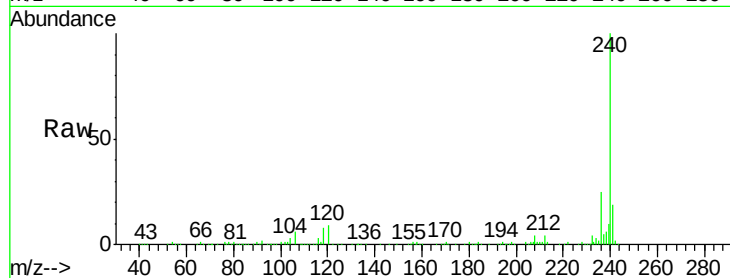
Tgt Ion:240 Resp: 297428

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

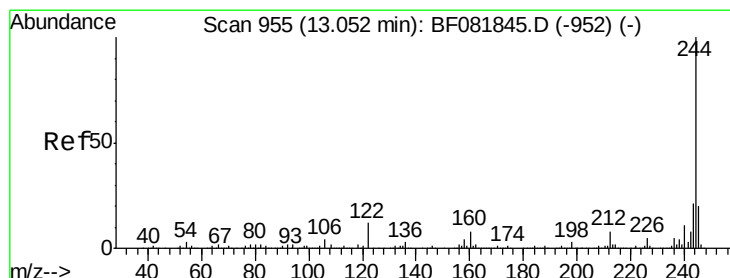
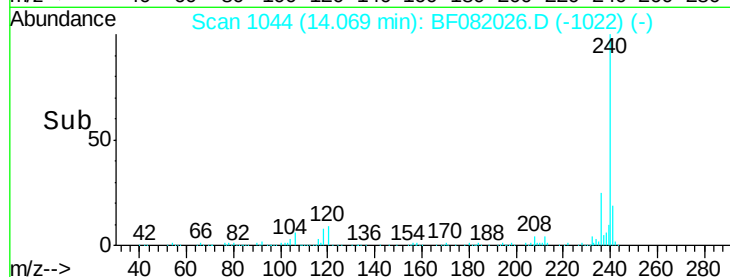
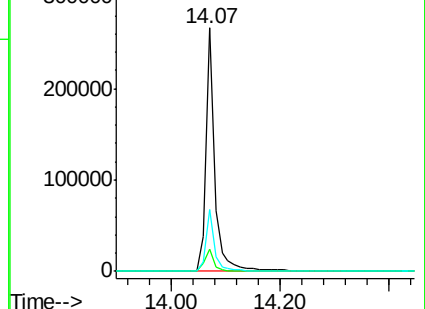
236 25.5 18.4 27.6



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: 106.92 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

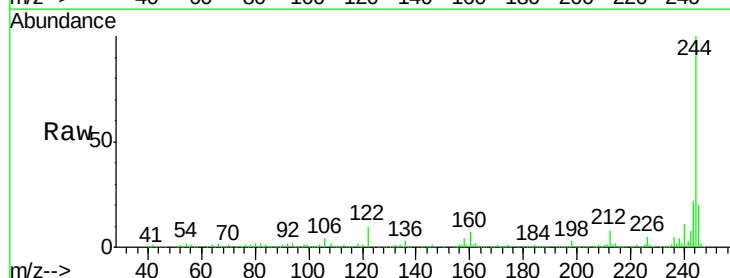
Tgt Ion:244 Resp: 915804

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

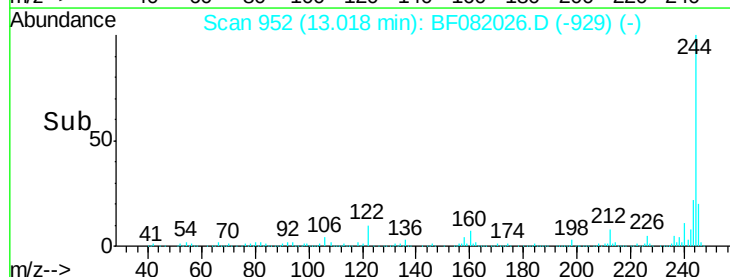
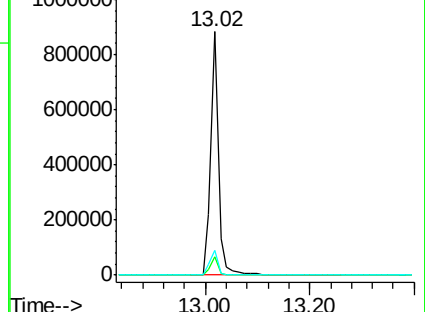
122 10.3 17.4 26.2#

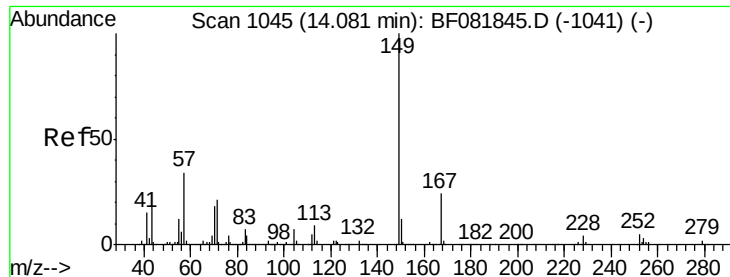


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.58 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

Instrument :

BNA_F

ClientSampleId :

WC093015

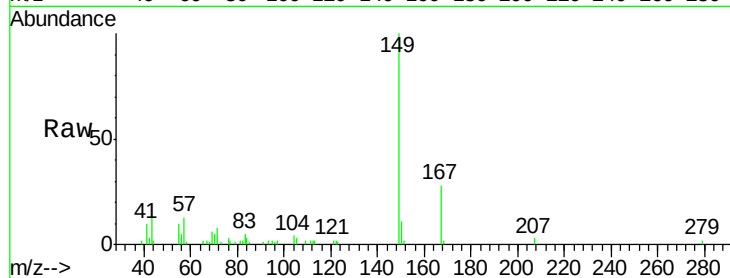
Tgt Ion:149 Resp: 46809

Ion Ratio Lower Upper

149 100

167 27.5 24.2 36.2

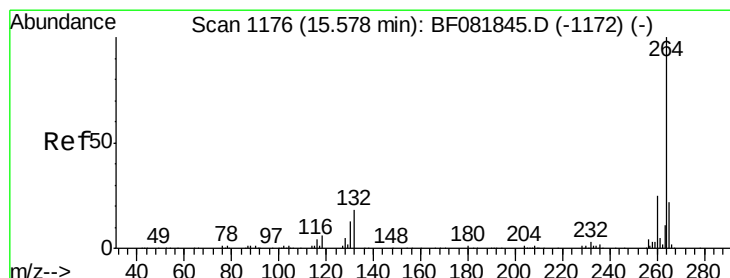
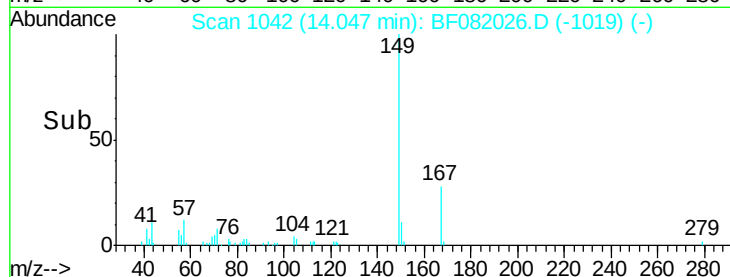
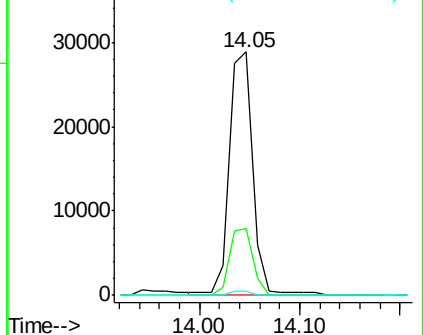
279 1.8 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.53 min Scan# 1172

Delta R.T. -0.05 min

Lab File: BF082026.D

Acq: 3 Oct 2015 17:27

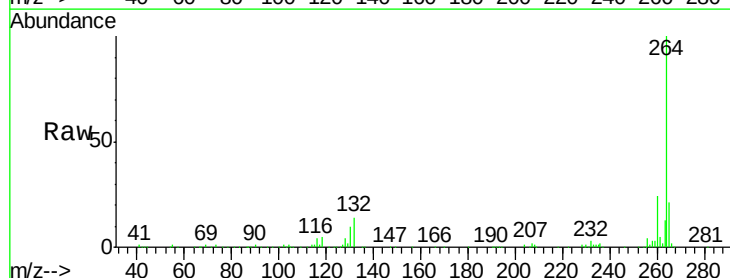
Tgt Ion:264 Resp: 219615

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 20.8 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

