

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082905.D
 Acq On : 13 Nov 2015 19:00
 Operator : UM/IZ
 Sample : G4390-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15K0812

Quant Time: Nov 16 09:39:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

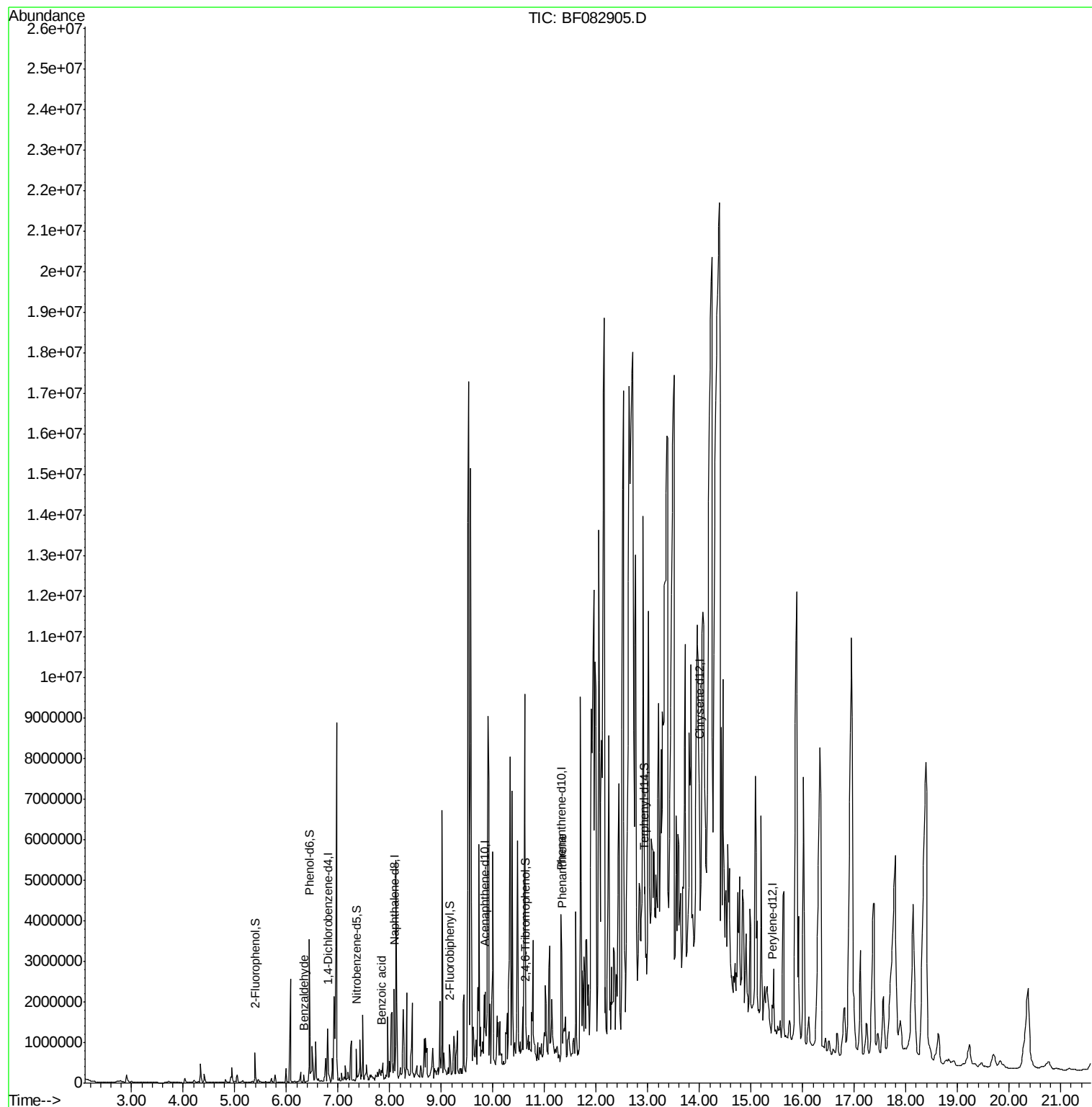
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171917	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	704836	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	291178	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	431492	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	350528	20.00	ng	-0.02
86) Perylene-d12	15.41	264	379544	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	195289	17.67	ng	-0.06
7) Phenol-d6	6.44	99	252945	17.22	ng	-0.03
23) Nitrobenzene-d5	7.36	82	179855	11.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	45814	13.72	ng	-0.04
44) 2-Fluorobiphenyl	9.16	172	270596	13.32	ng	-0.06
78) Terphenyl-d14	12.93	244	181866	12.31	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	39576	4.88	ng	80
32) Benzoic acid	7.84	122	28753	3.38	ng	94
70) Phenanthrene	11.33	178	142859	5.70	ng	# 77

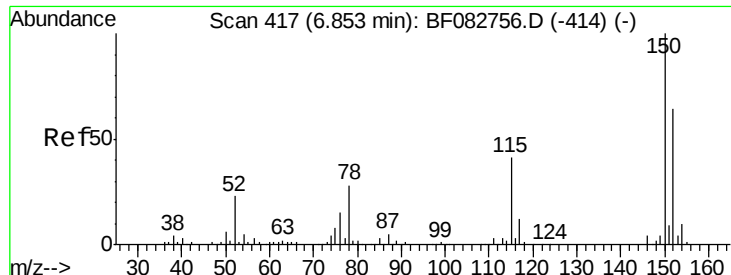
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082905.D
Acq On : 13 Nov 2015 19:00
Operator : UM/IZ
Sample : G4390-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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Quant Time: Nov 16 09:39:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

15K0812

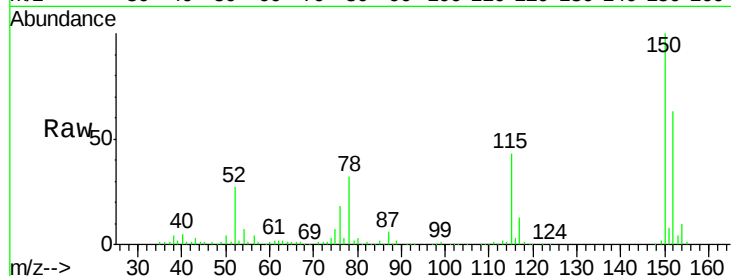
Tgt Ion:152 Resp: 171917

Ion Ratio Lower Upper

152 100

150 159.1 127.0 190.4

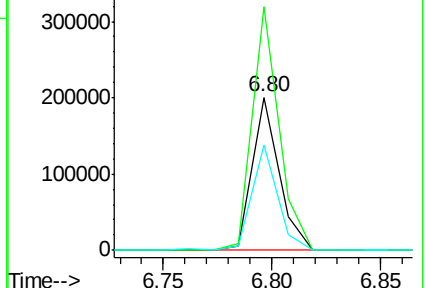
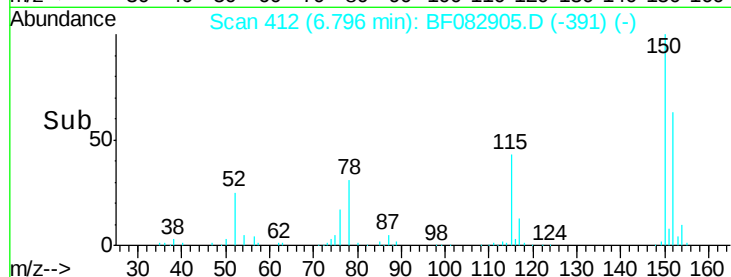
115 69.1 47.0 70.6



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: 17.67 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

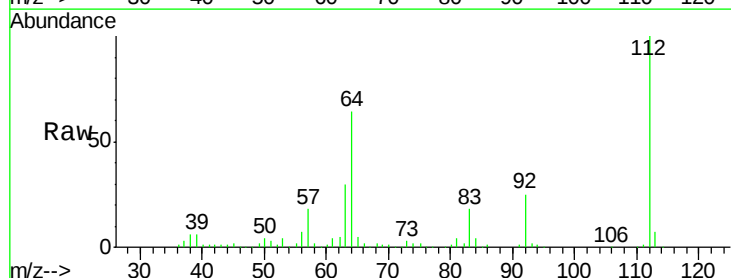
Tgt Ion:112 Resp: 195289

Ion Ratio Lower Upper

112 100

64 63.7 48.9 73.3

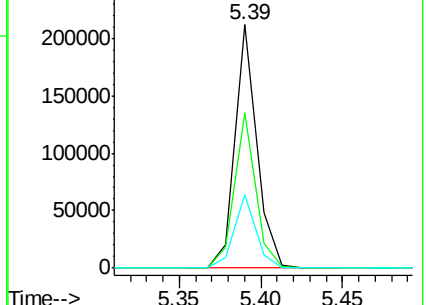
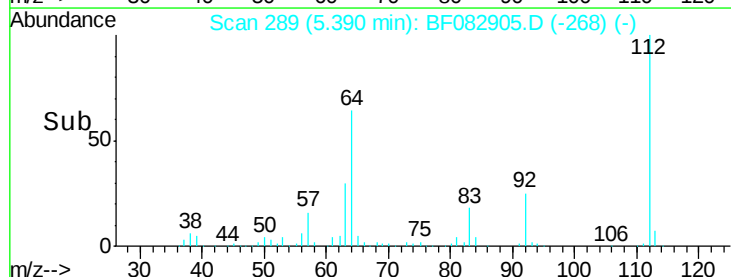
63 30.3 28.1 42.1

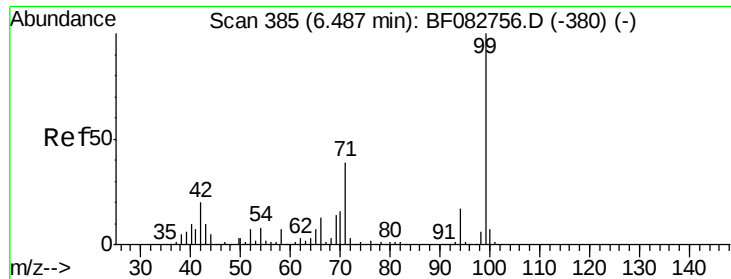


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.22 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

15K0812

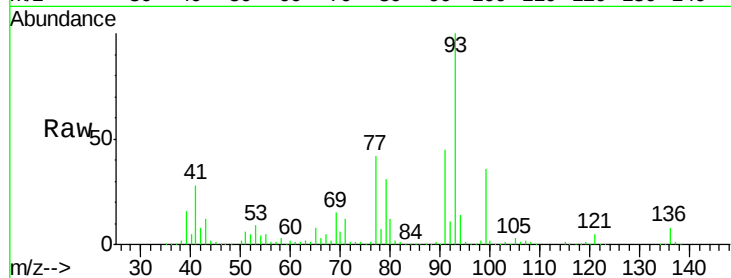
Tgt Ion: 99 Resp: 252945

Ion Ratio Lower Upper

99 100

42 21.8 19.2 28.8

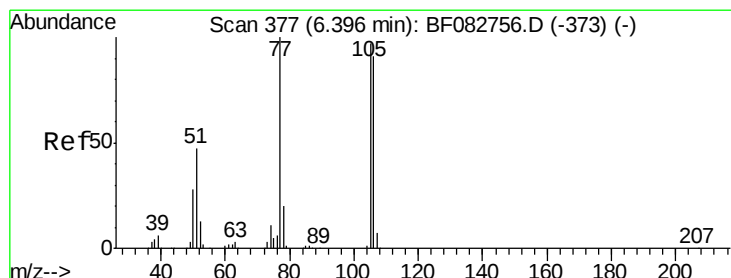
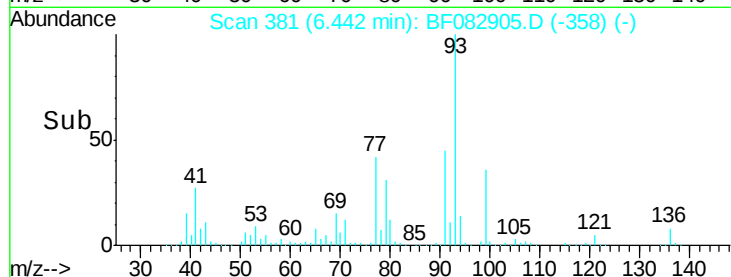
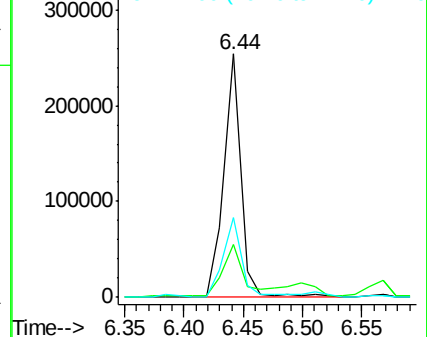
71 32.7 35.0 52.4#



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



#9

Benzaldehyde

Concen: 4.88 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

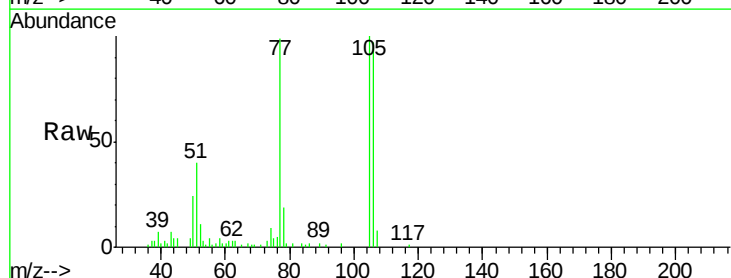
Tgt Ion: 77 Resp: 39576

Ion Ratio Lower Upper

77 100

105 100.5 63.5 103.5

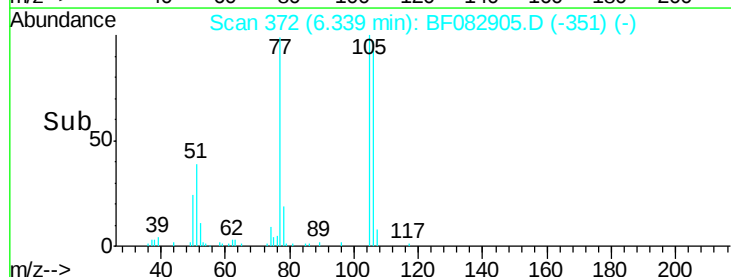
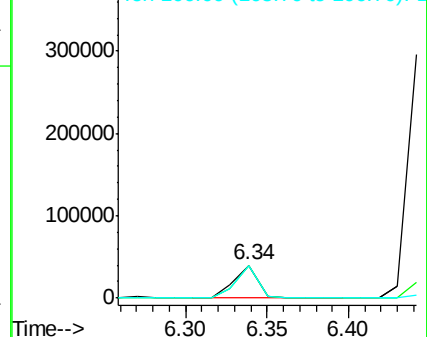
106 98.0 59.3 99.3

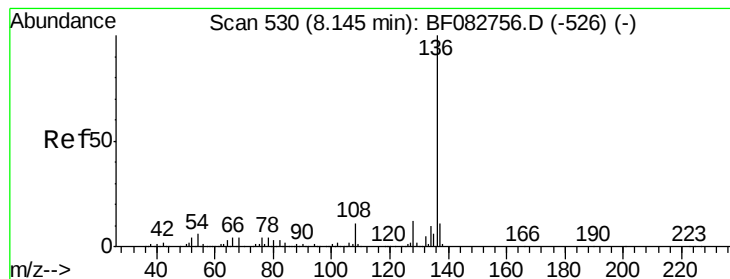


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

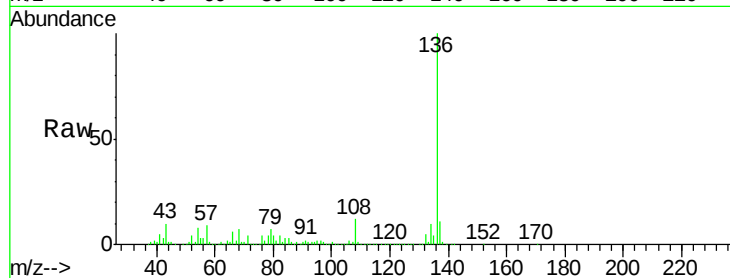
Instrument :

BNA_F

ClientSampleId :

15K0812

Tgt Ion:	136	Resp:	704836
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.4	9.1	13.7#
68	6.6	4.8	7.2

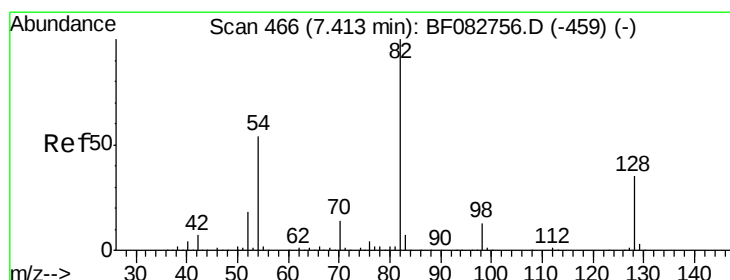
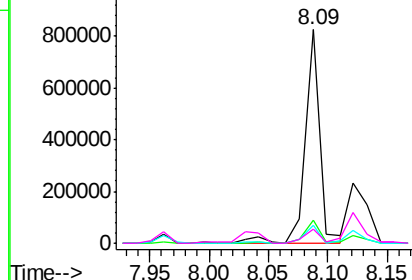
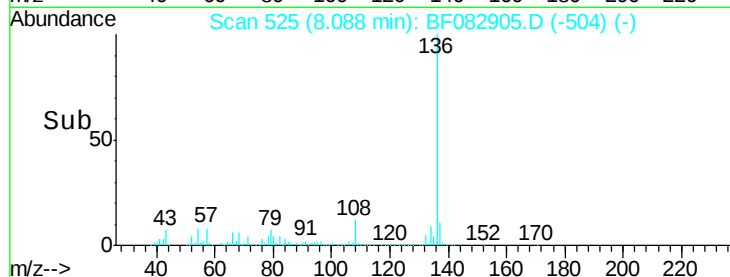


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 11.10 ng

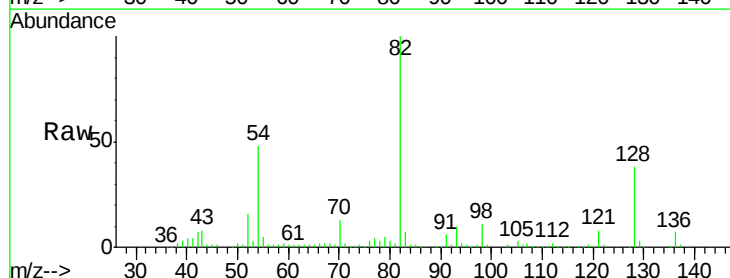
RT: 7.36 min Scan# 461

Delta R.T. -0.06 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

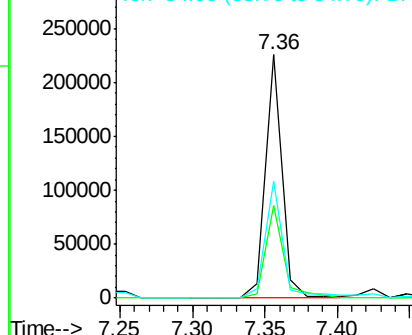
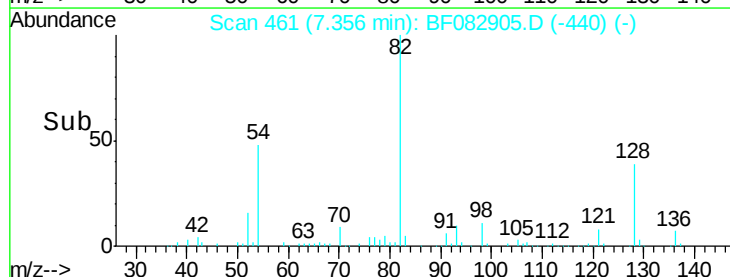
Tgt Ion:	82	Resp:	179855
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.8	40.2
54	47.9	45.7	68.5

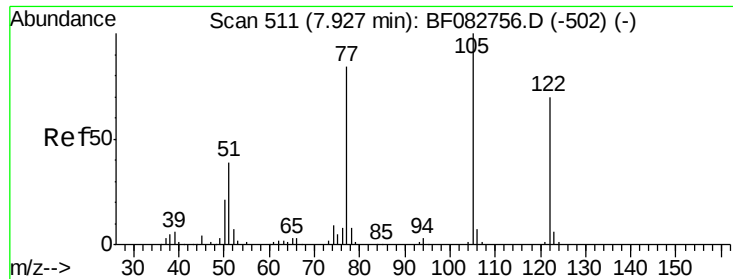


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

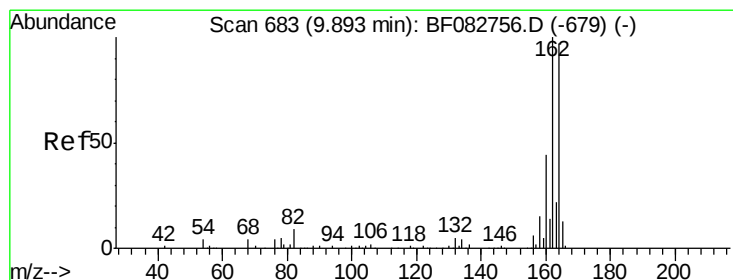
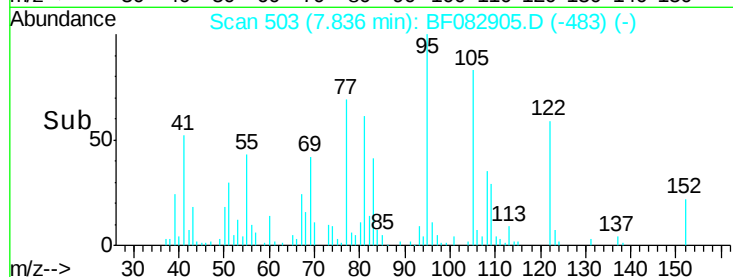
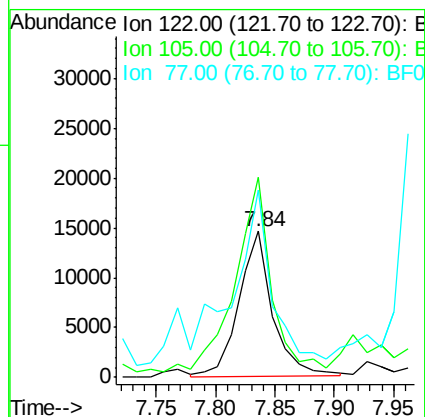
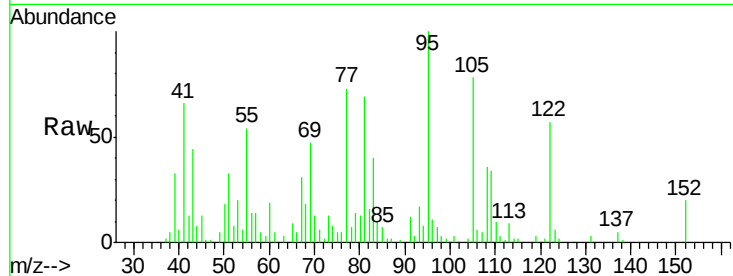




#32
Benzoic acid
Concen: 3.38 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

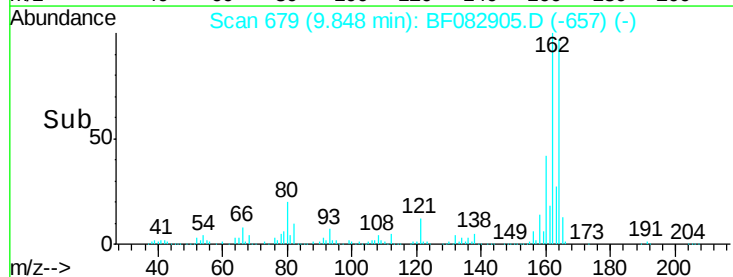
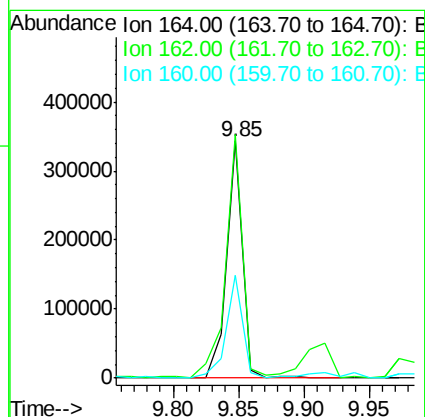
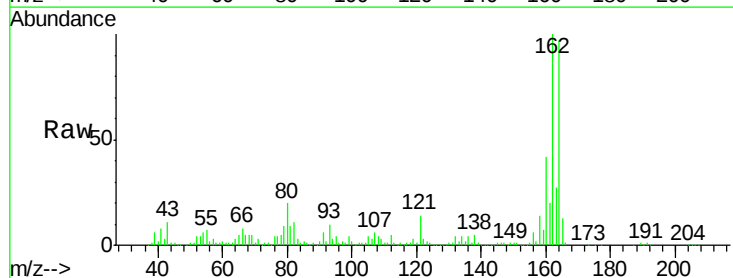
Instrument :
BNA_F
ClientSampleId :
15K0812

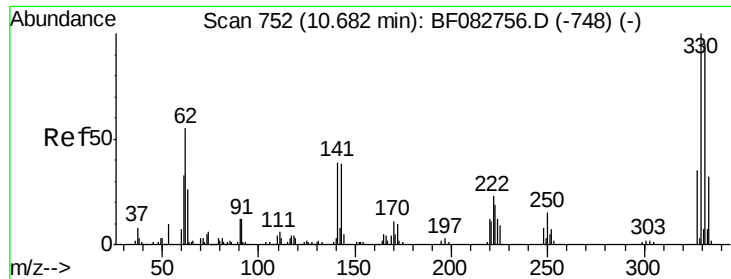
Tgt Ion:122 Resp: 28753
Ion Ratio Lower Upper
122 100
105 136.9 122.6 162.6
77 128.3 100.9 140.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:164 Resp: 291178
Ion Ratio Lower Upper
164 100
162 102.7 84.9 127.3
160 43.5 37.5 56.3

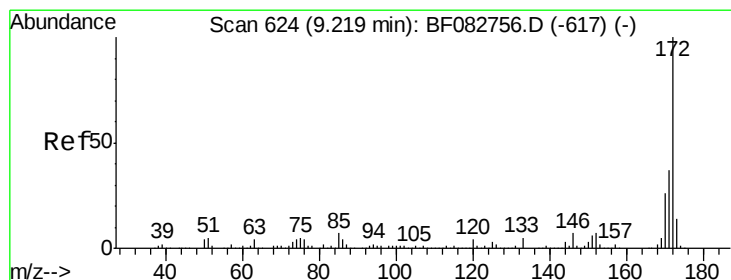
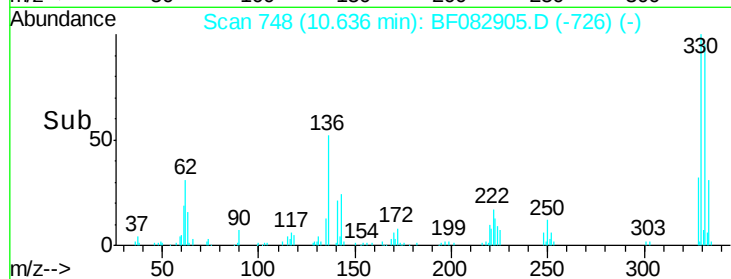
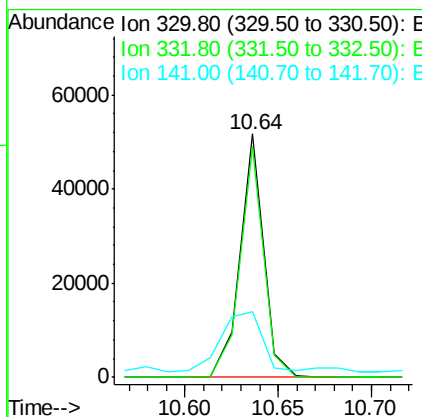
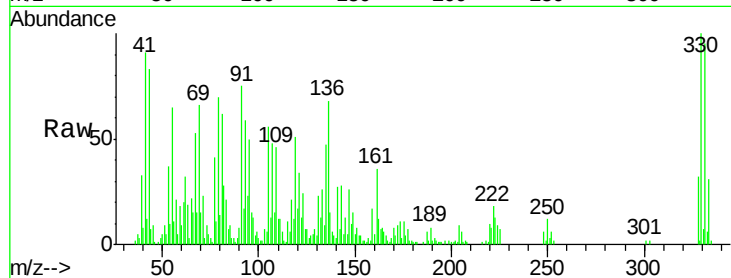




#41
 2,4,6-Tribromophenol
 Concen: 13.72 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082905.D
 Acq: 13 Nov 2015 19:00

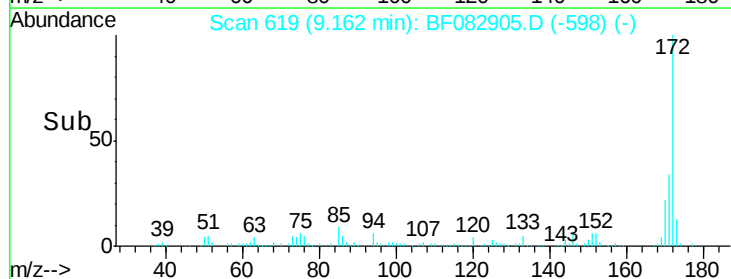
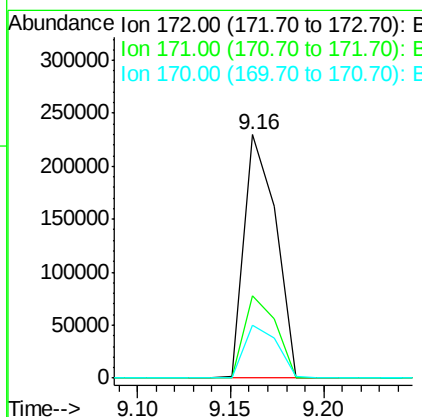
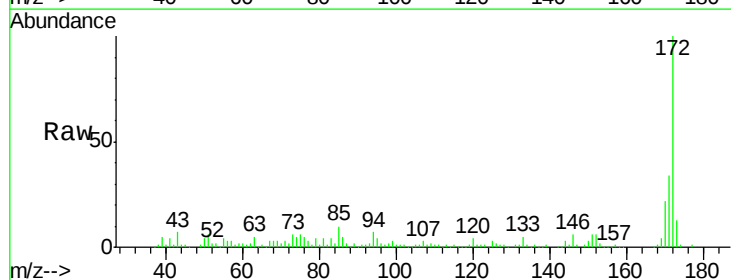
Instrument :
 BNA_F
 ClientSampled :
 15K0812

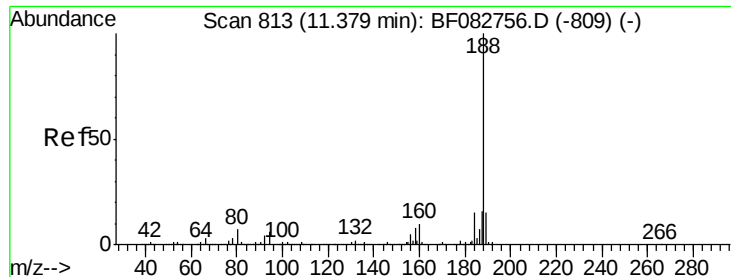
Tgt Ion:330 Resp: 45814
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 42.7 41.2 61.8



#44
 2-Fluorobiphenyl
 Concen: 13.32 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF082905.D
 Acq: 13 Nov 2015 19:00

Tgt Ion:172 Resp: 270596
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.8 46.2
 170 22.0 21.2 31.8

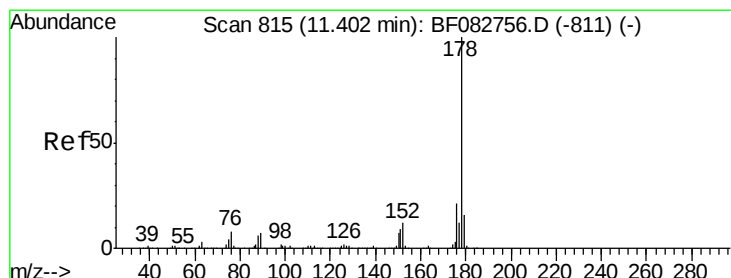
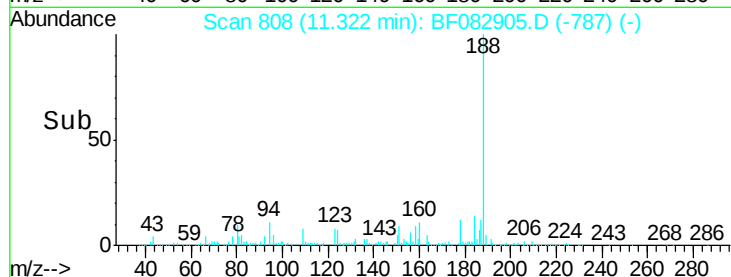
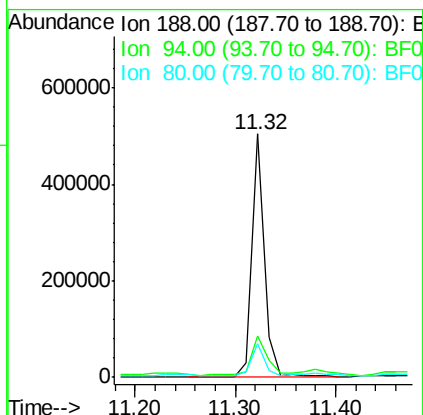
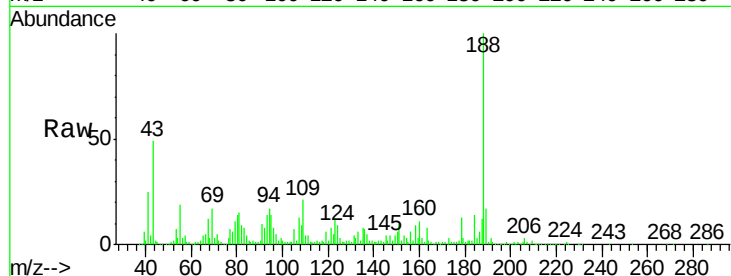




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

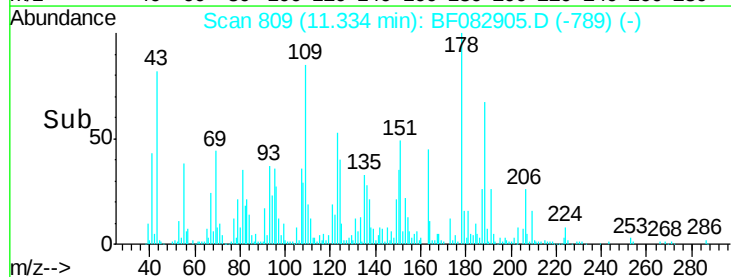
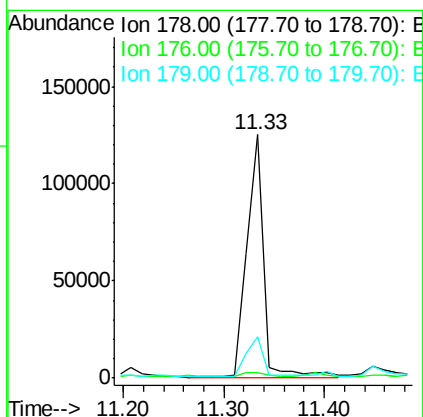
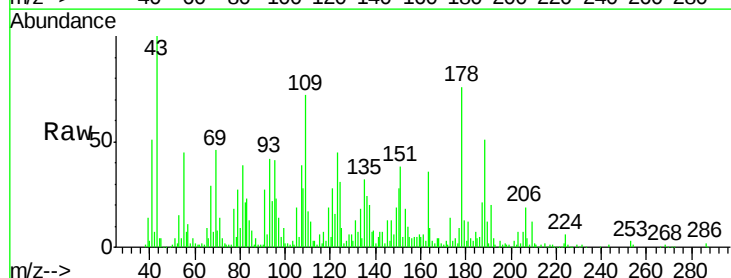
Instrument :
BNA_F
ClientSampleId :
15K0812

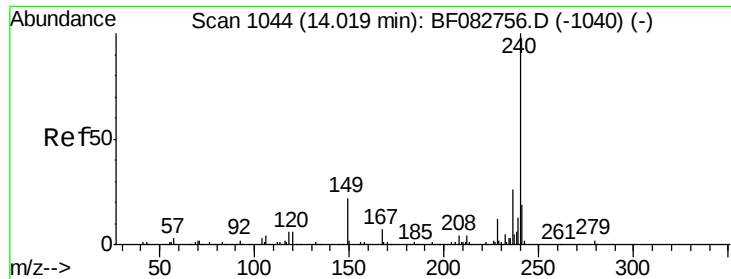
Tgt Ion:188 Resp: 431492
Ion Ratio Lower Upper
188 100
94 17.0 6.1 9.1#
80 13.6 7.0 10.6#



#70
Phenanthrene
Concen: 5.70 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.07 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Tgt Ion:178 Resp: 142859
Ion Ratio Lower Upper
178 100
176 2.1 17.0 25.4#
179 17.0 13.4 20.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

15K0812

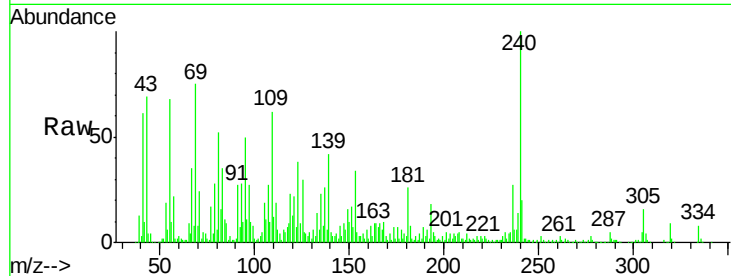
Tgt Ion:240 Resp: 350528

Ion Ratio Lower Upper

240 100

120 13.1 10.9 16.3

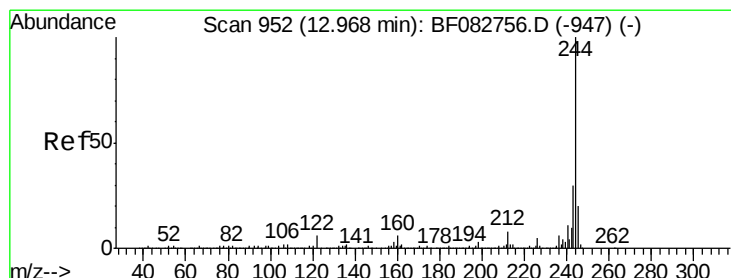
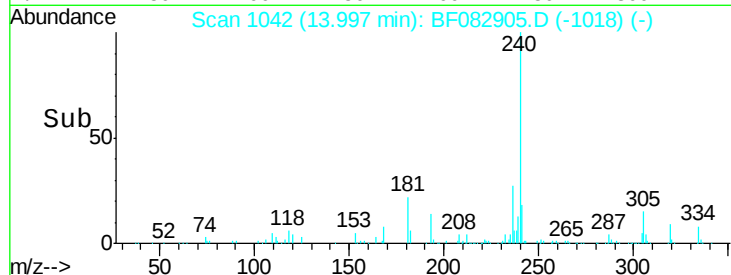
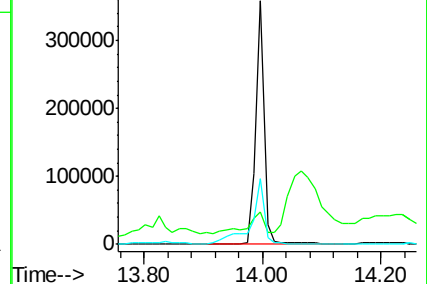
236 27.2 21.6 32.4



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: 12.31 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082905.D

Acq: 13 Nov 2015 19:00

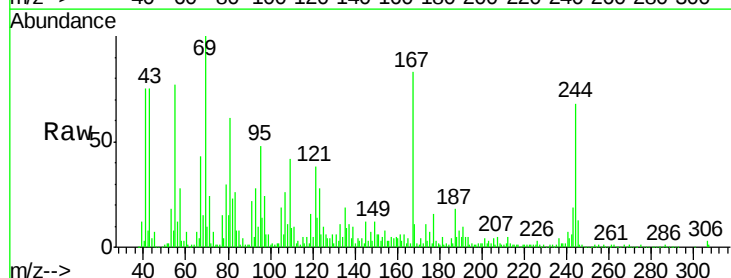
Tgt Ion:244 Resp: 181866

Ion Ratio Lower Upper

244 100

212 6.7 7.6 11.4#

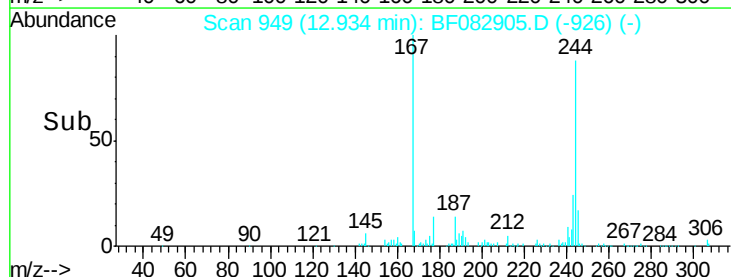
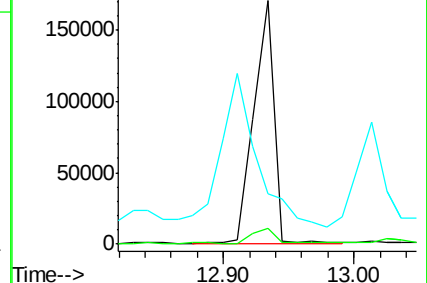
122 20.7 11.3 16.9#

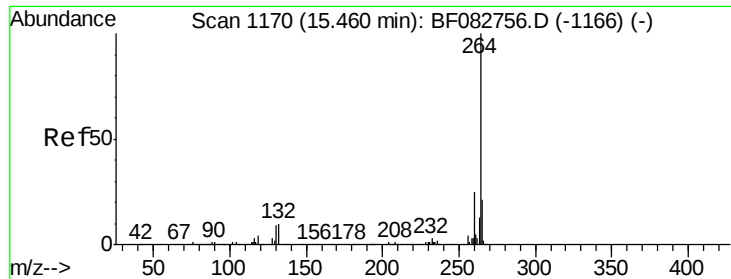


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

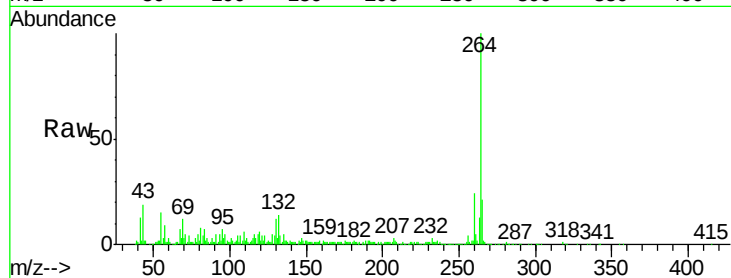




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF082905.D
Acq: 13 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
15K0812

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.2	17.4	26.0



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

