

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083971.D
 Acq On : 19 Dec 2015 22:58
 Operator : UM/SJ
 Sample : G4823-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-A

Quant Time: Dec 21 04:18:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

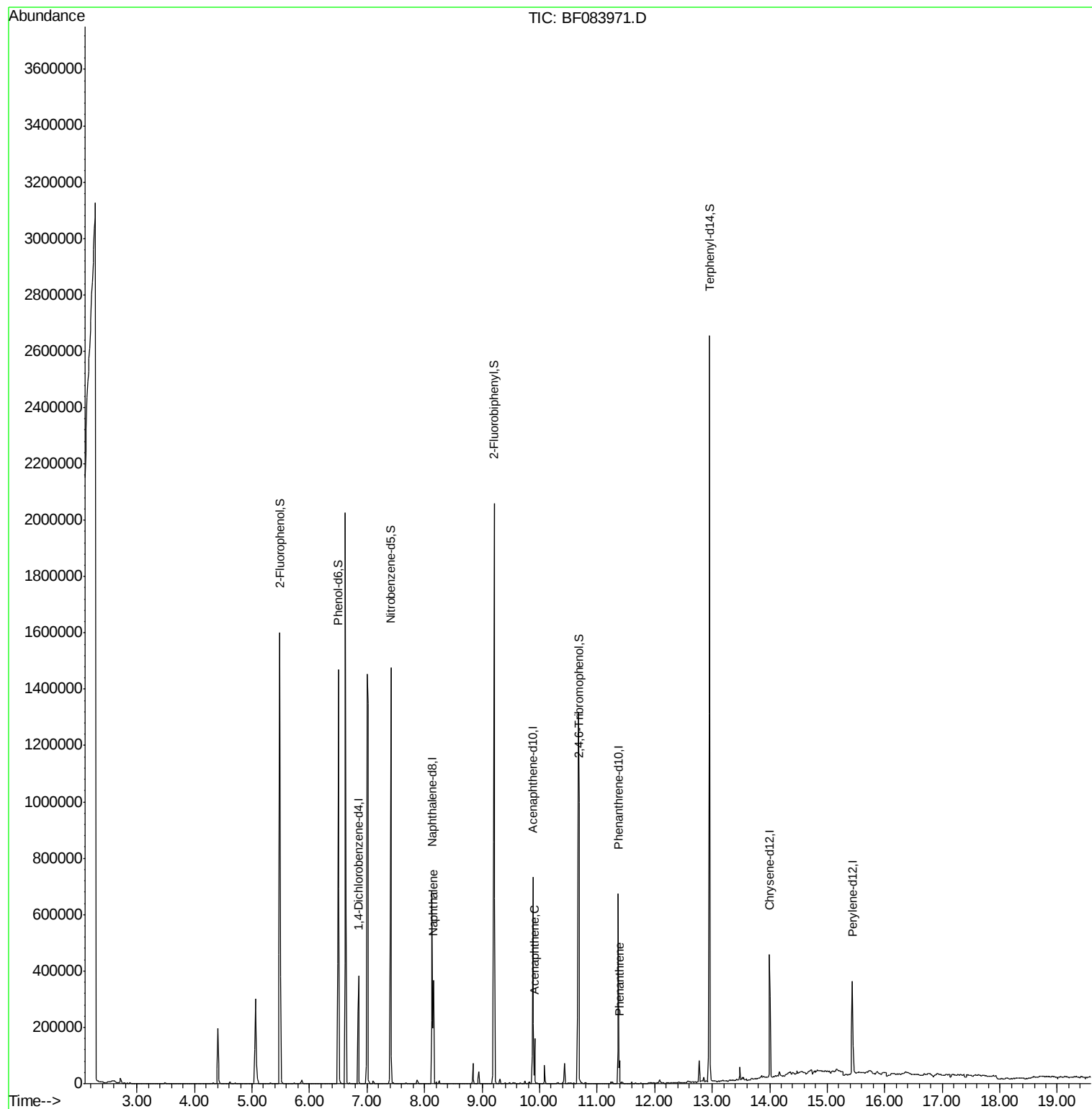
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	78102	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	331774	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	153150	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	230432	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	186342	20.00	ng	-0.03
86) Perylene-d12	15.44	264	145888	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	504258	101.04	ng	0.00
7) Phenol-d6	6.50	99	685434	112.21	ng	-0.01
23) Nitrobenzene-d5	7.41	82	515666	88.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	255756	151.59	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	846804	76.41	ng	-0.03
78) Terphenyl-d14	12.96	244	904056	115.69	ng	-0.02
Target Compounds						
31) Naphthalene	8.16	128	192145	9.77	ng	99
51) Acenaphthene	9.92	154	35561	3.24	ng	98
70) Phenanthrene	11.39	178	29310	2.11	ng	100

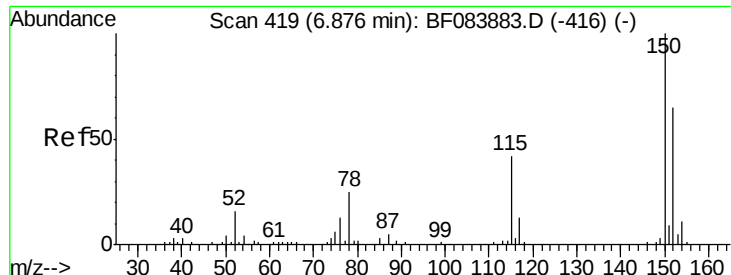
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083971.D

Acq: 19 Dec 2015 22:58

Instrument :

BNA_F

ClientSampleId :

LAR-9879-A

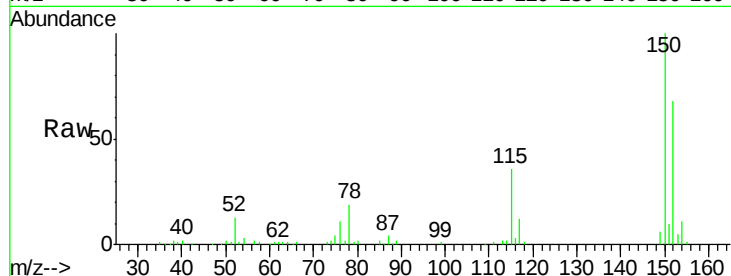
Tot Ion:152 Resp: 78102

Ion Ratio Lower Upper

152 100

150 147.8 123.0 184.4

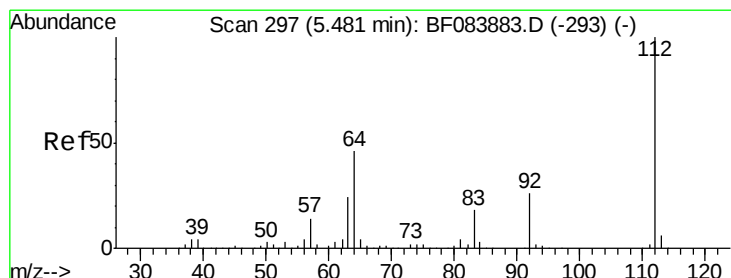
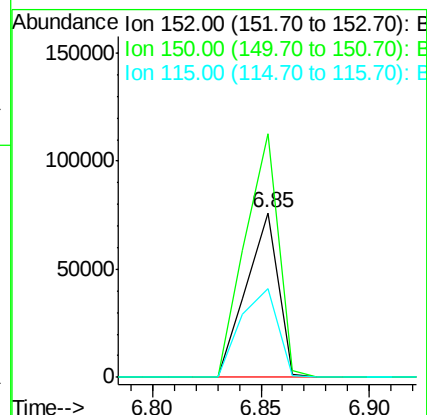
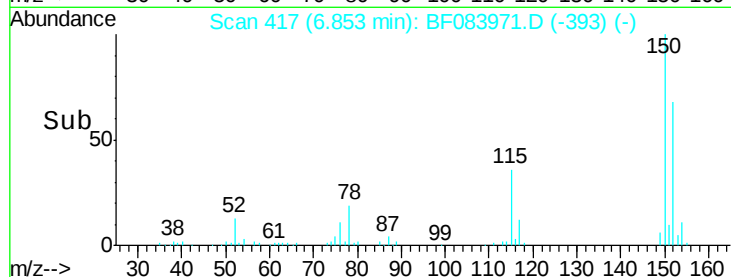
115 53.7 51.4 77.2



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: 101.04 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083971.D

Acq: 19 Dec 2015 22:58

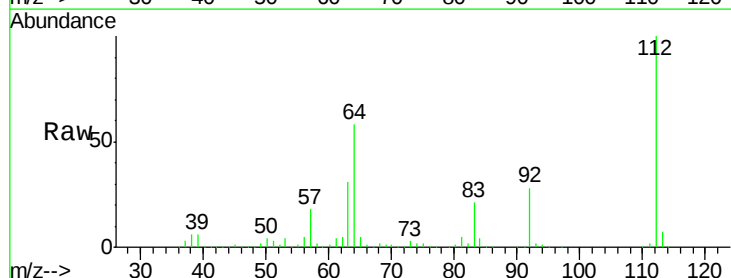
Tgt Ion:112 Resp: 504258

Ion Ratio Lower Upper

112 100

64 57.6 36.6 55.0#

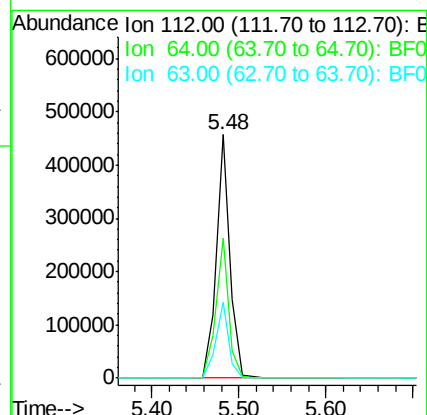
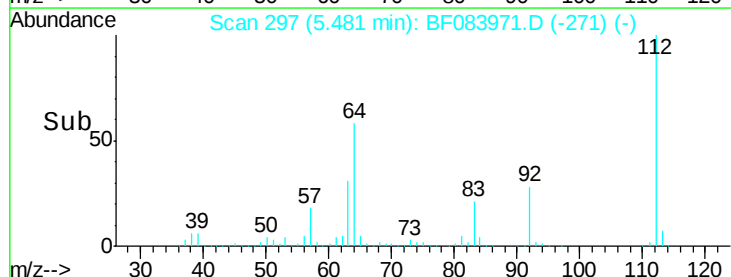
63 31.3 19.4 29.0#

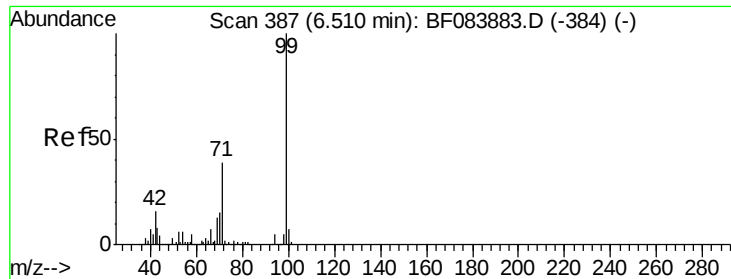


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083971.D

Acq: 19 Dec 2015 22:58

Instrument :

BNA_F

ClientSampleId :

LAR-9879-A

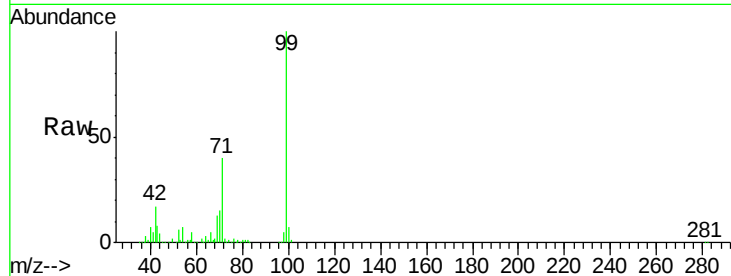
Tot Ion: 99 Resp: 685434

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

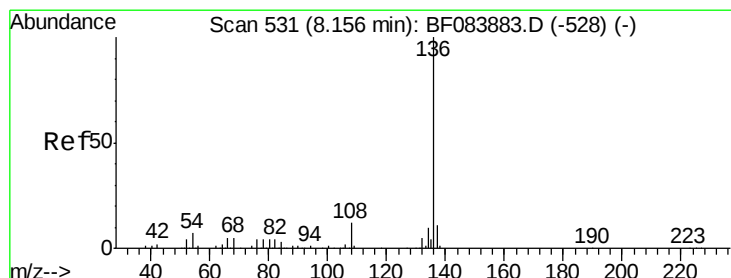
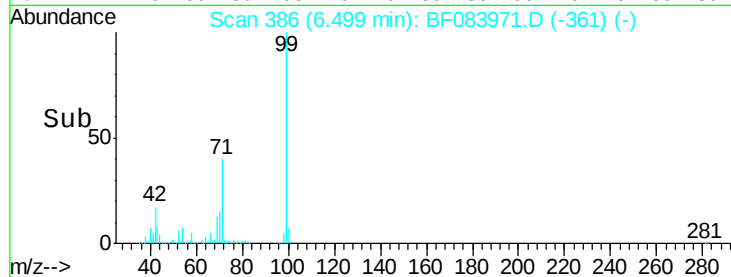
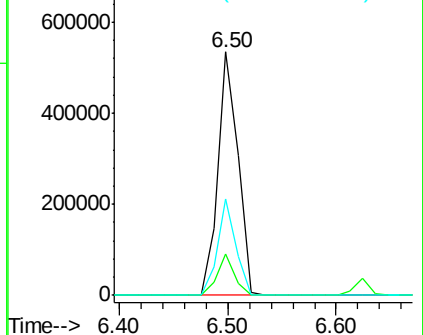
71 39.6 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083971.D

Acq: 19 Dec 2015 22:58

Tgt Ion: 136 Resp: 331774

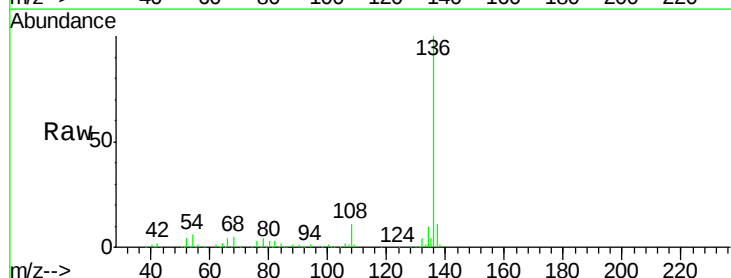
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.8 5.8 8.8#

68 4.6 4.2 6.2

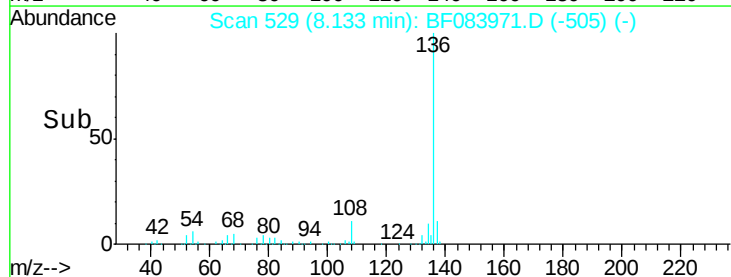
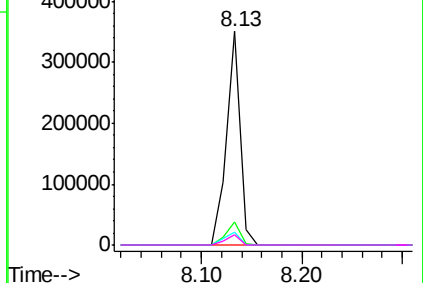


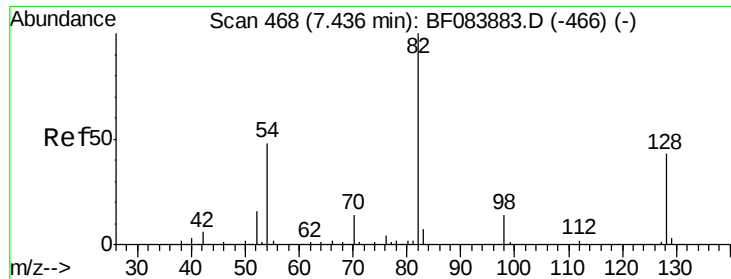
Abundance Ion 136.00 (135.70 to 136.70): E

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

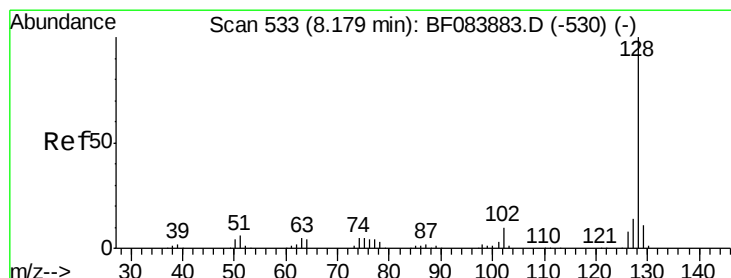
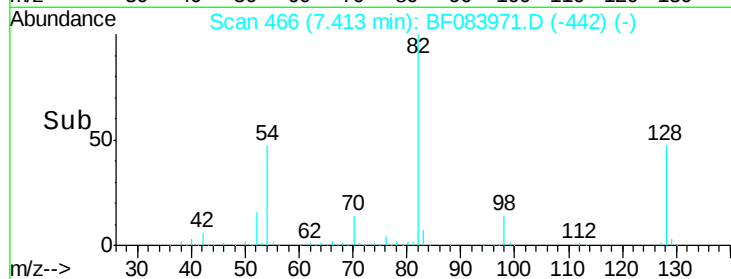
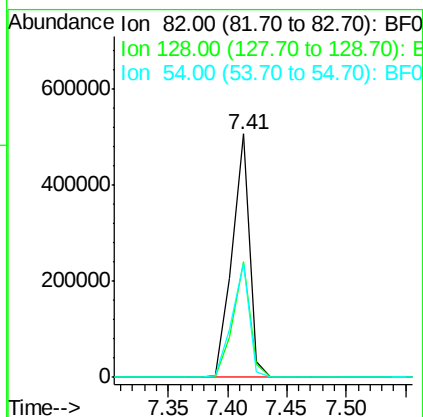
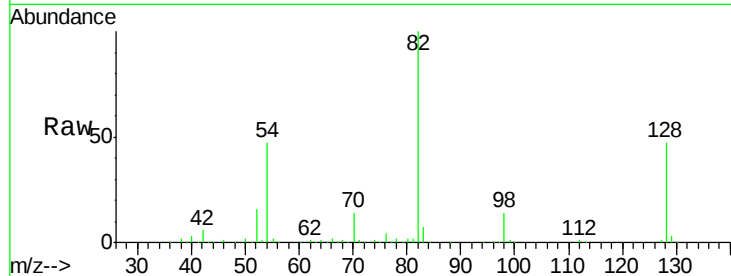




#23
 Nitrobenzene-d5
 Concen: 88.71 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083971.D
 Acq: 19 Dec 2015 22:58

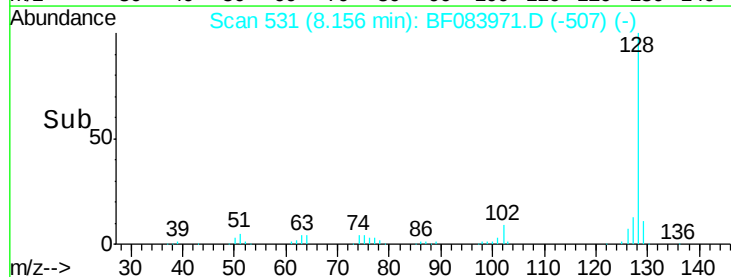
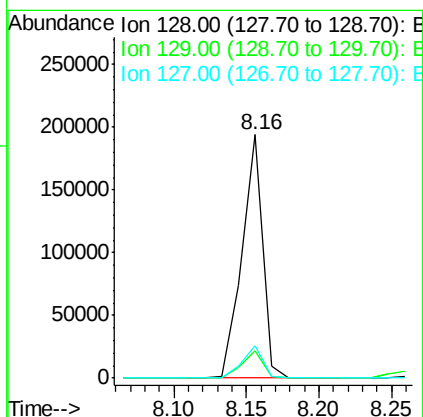
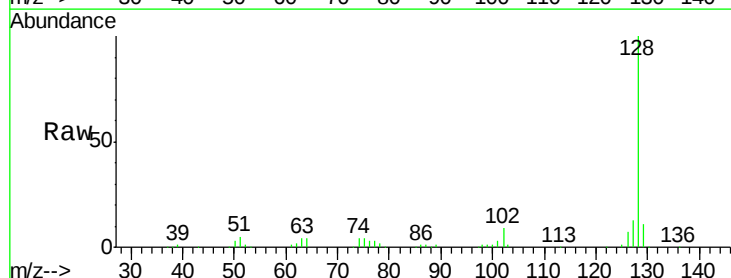
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-A

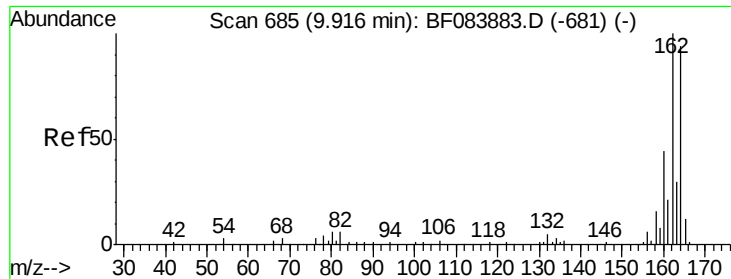
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	51.8
54	46.9	38.4	57.6



#31
 Naphthalene
 Concen: 9.77 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF083971.D
 Acq: 19 Dec 2015 22:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.3	11.1	16.7

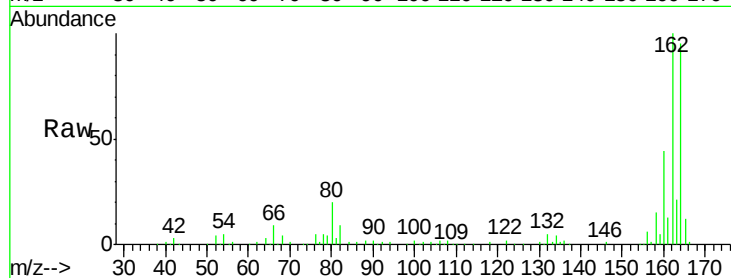




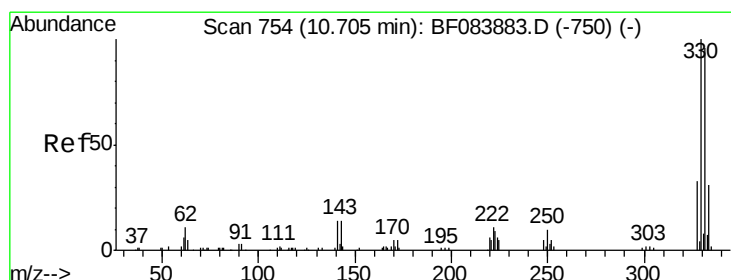
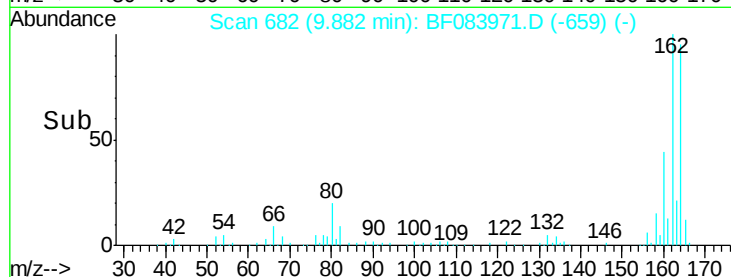
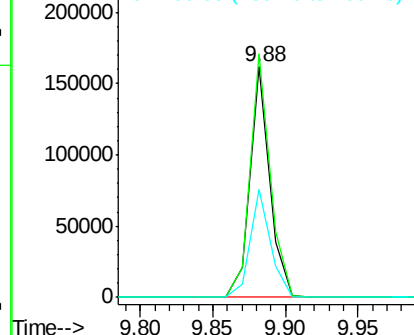
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

Instrument :
BNA_F
ClientSampleId :
LAR-9879-A

Tot Ion:164 Resp: 153150
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 46.8 37.5 56.3

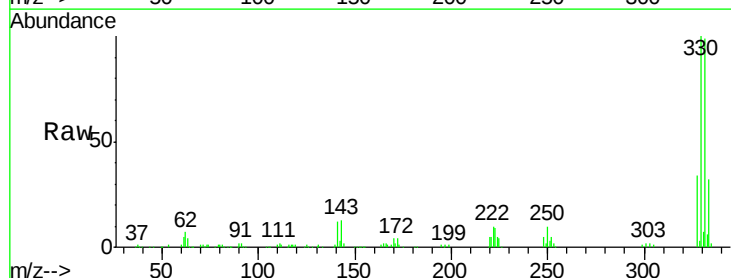


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

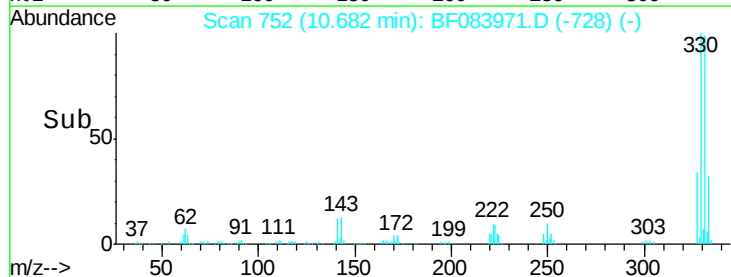
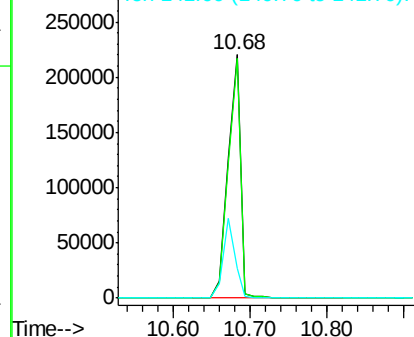


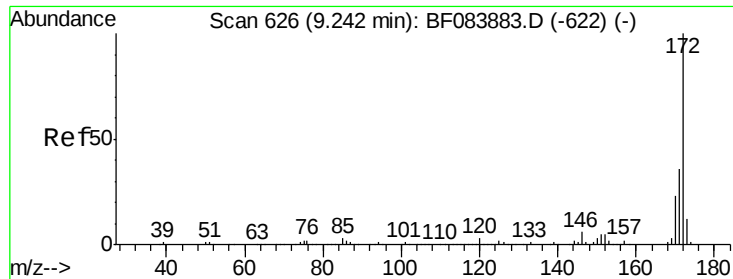
#41
2,4,6-Tribromophenol
Concen: 151.59 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

Tgt Ion:330 Resp: 255756
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 31.0 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

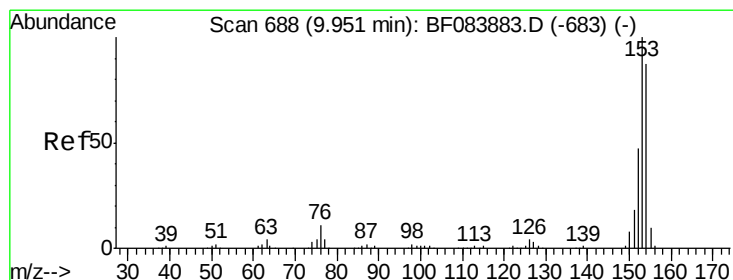
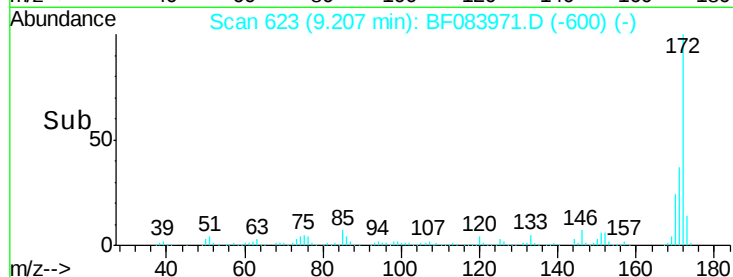
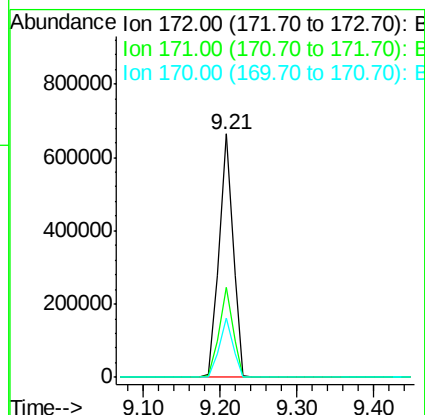
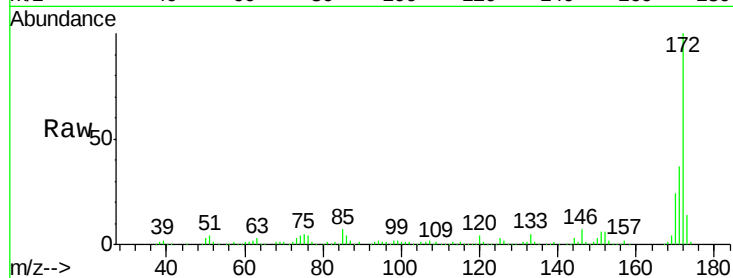




#44
2-Fluorobiphenyl
Concen: 76.41 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

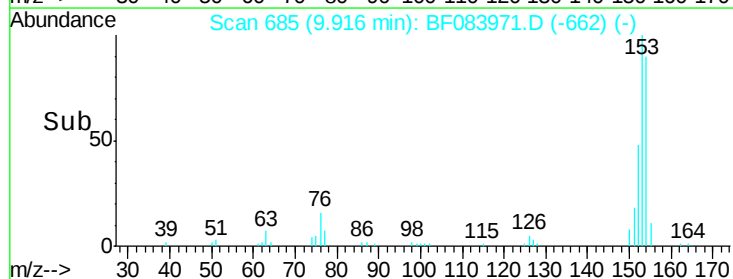
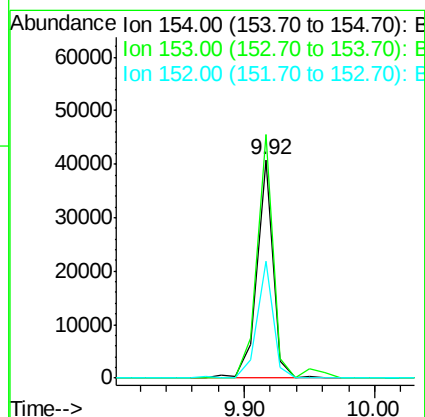
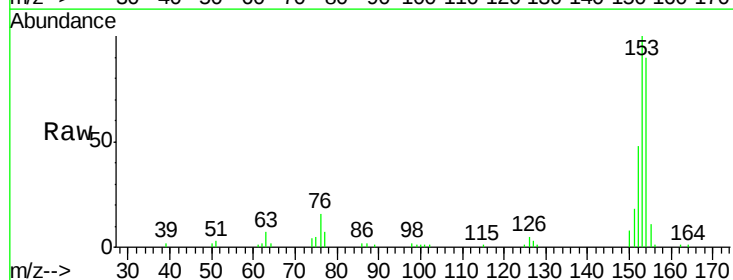
Instrument :
BNA_F
ClientSampleId :
LAR-9879-A

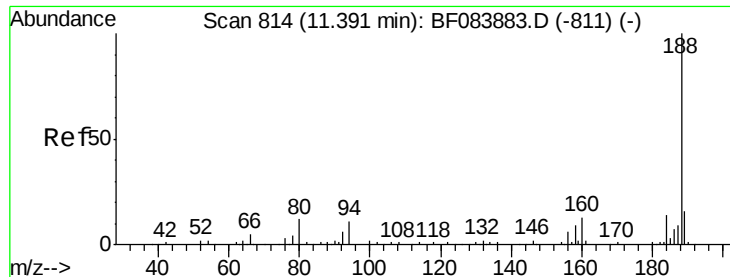
Tot Ion:172 Resp: 846804
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 24.4 18.6 27.8



#51
Acenaphthene
Concen: 3.24 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

Tgt Ion:154 Resp: 35561
Ion Ratio Lower Upper
154 100
153 111.4 91.5 137.3
152 53.7 43.0 64.6

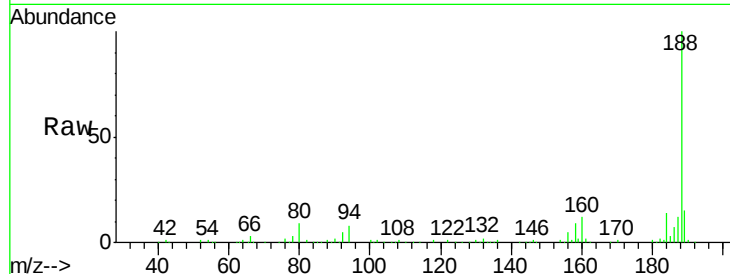




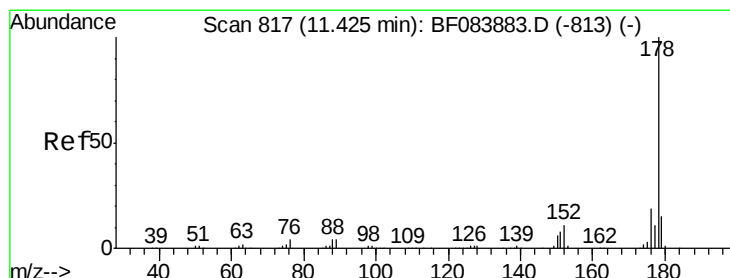
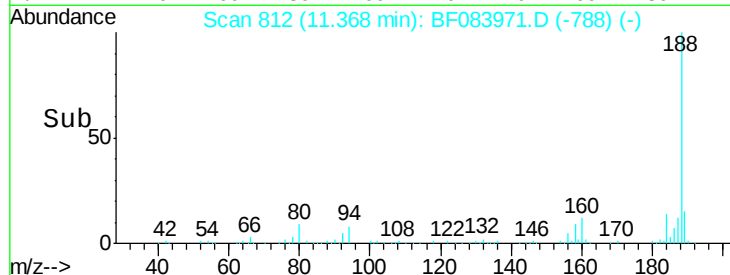
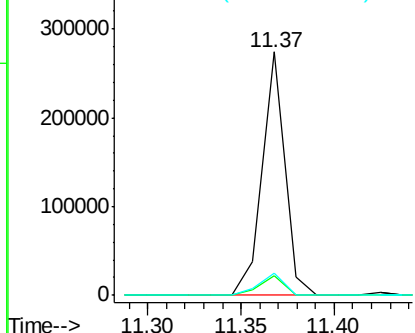
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

Instrument :
BNA_F
ClientSampleId :
LAR-9879-A

Tot Ion:188 Resp: 230432
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 9.0 9.6 14.4#

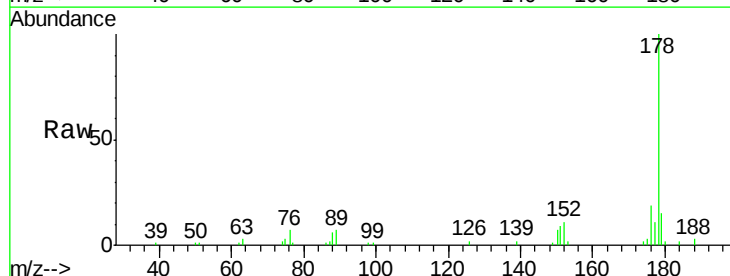


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

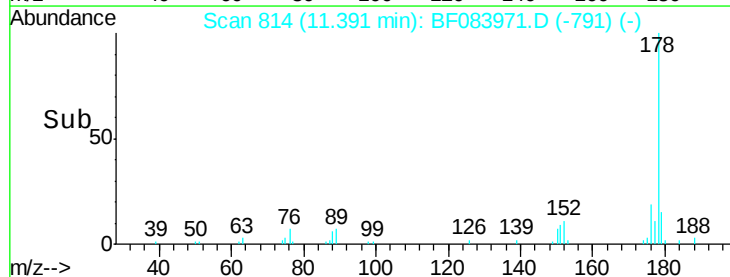
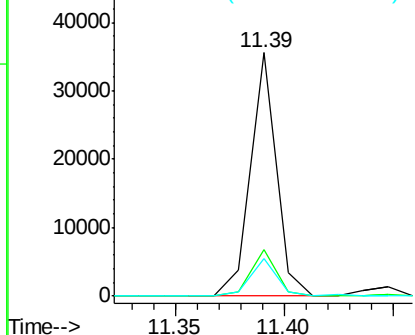


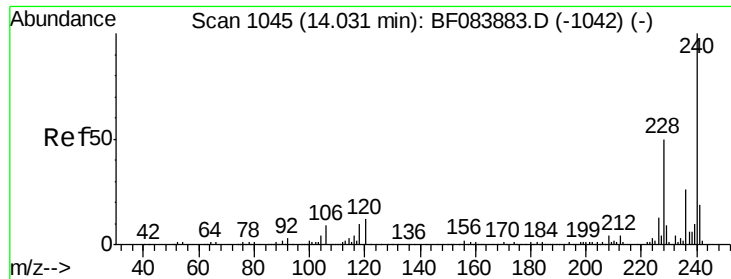
#70
Phenanthrene
Concen: 2.11 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

Tgt Ion:178 Resp: 29310
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF083971.D

Acq: 19 Dec 2015 22:58

Instrument :

BNA_F

ClientSampleId :

LAR-9879-A

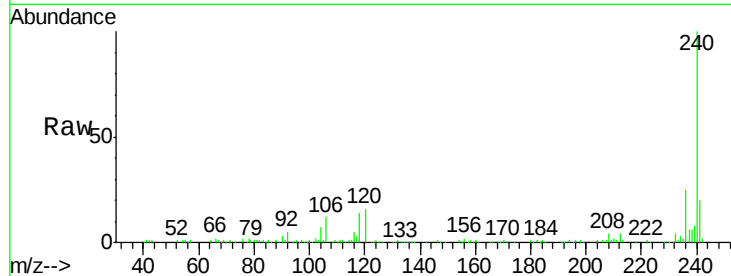
Tot Ion:240 Resp: 186342

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

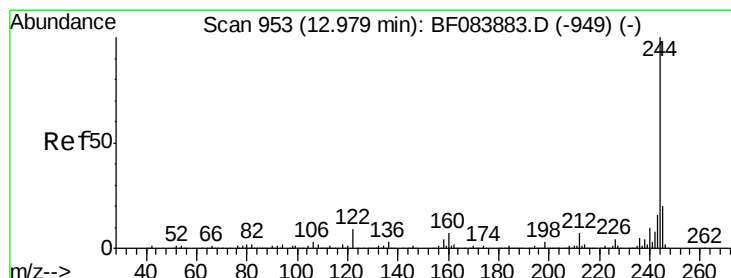
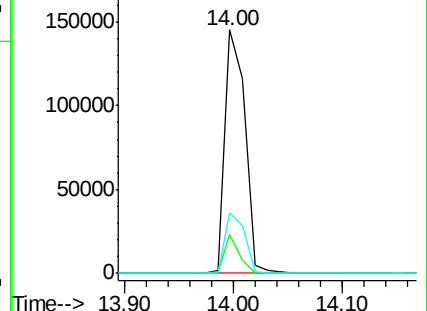
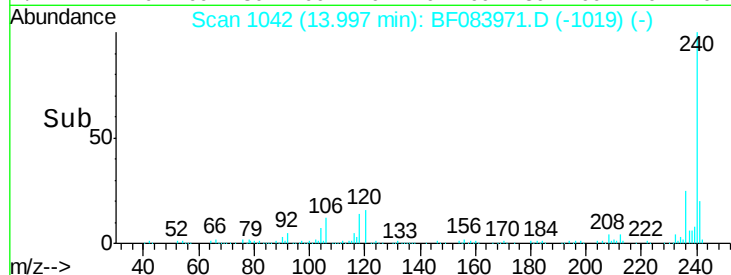
236 25.1 20.6 31.0



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



#78

Terphenyl-d14

Concen: 115.69 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083971.D

Acq: 19 Dec 2015 22:58

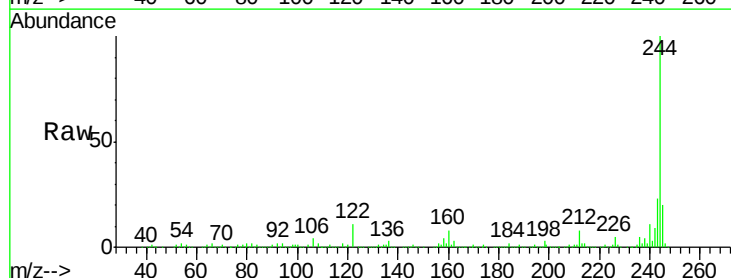
Tgt Ion:244 Resp: 904056

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

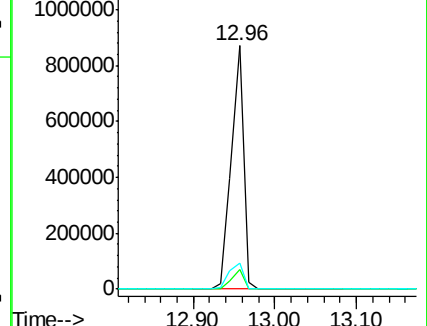
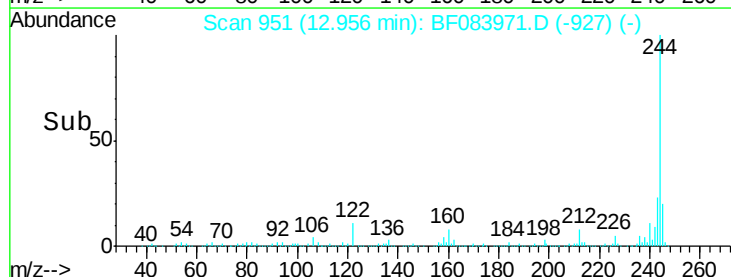
122 10.7 7.4 11.0

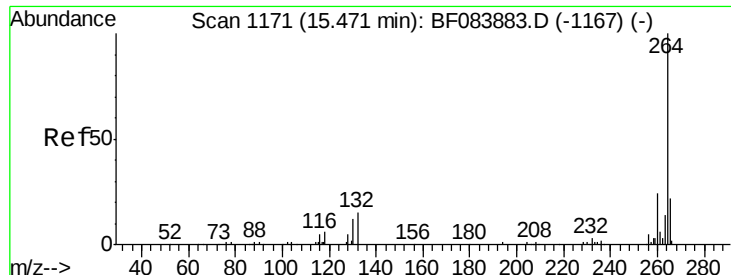


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

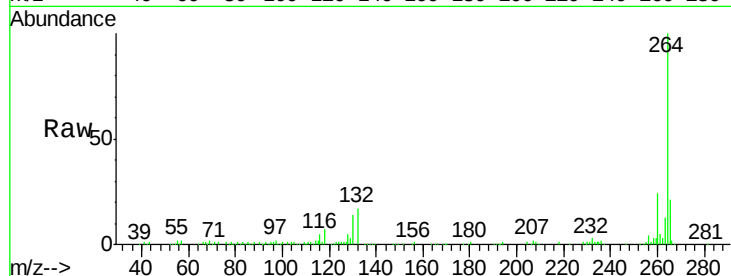




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083971.D
Acq: 19 Dec 2015 22:58

Instrument :
BNA_F
ClientSampleId :
LAR-9879-A

Tot Ion:264 Resp: 145888
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.3 17.8 26.6



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

