

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083973.D
 Acq On : 19 Dec 2015 23:54
 Operator : UM/SJ
 Sample : G4823-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-C

Quant Time: Dec 21 04:23:36 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

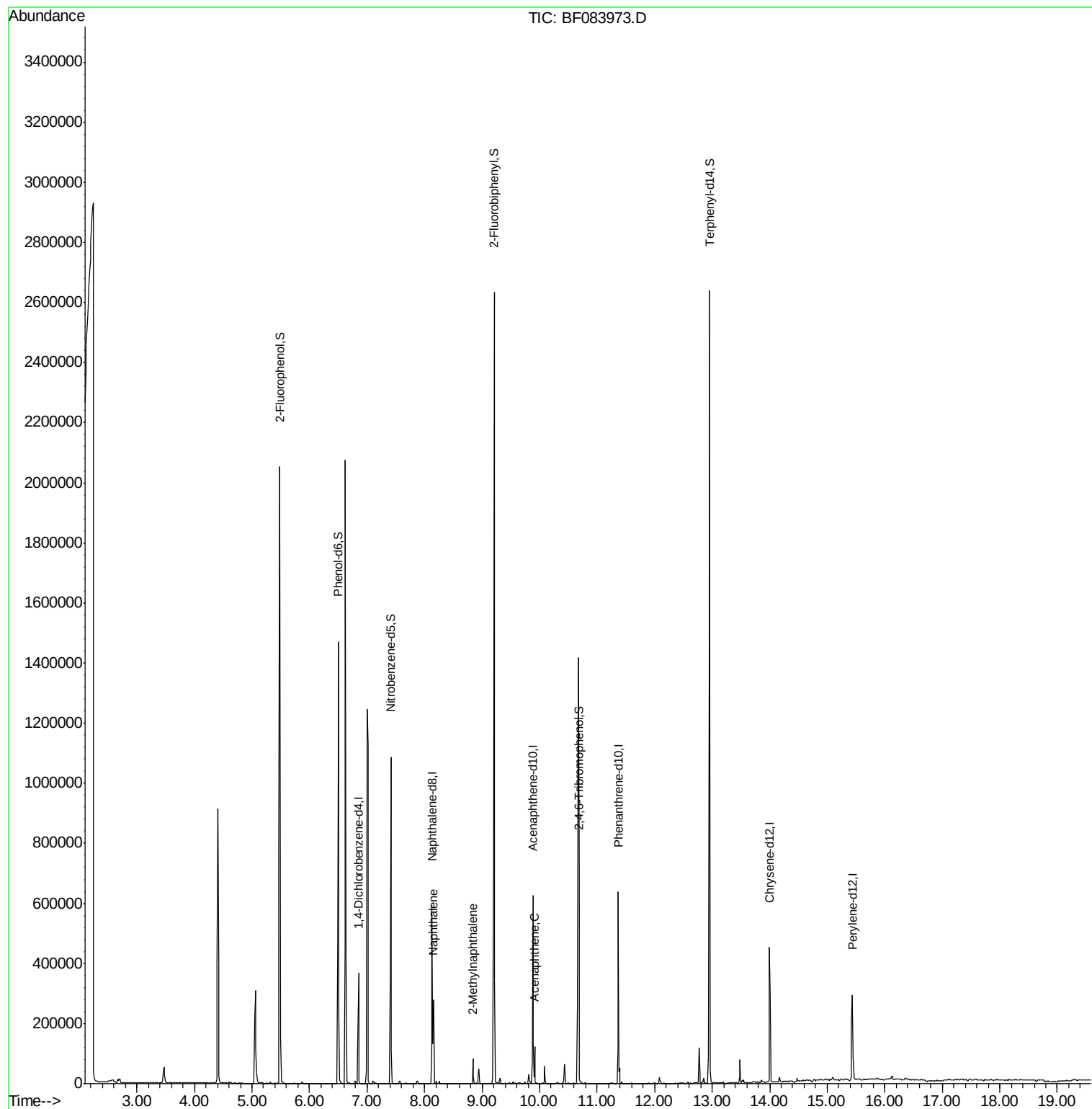
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70355	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	262234	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	122784	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	217393	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	194242	20.00	ng	-0.03
86) Perylene-d12	15.44	264	130353	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	599016	133.24	ng	0.00
7) Phenol-d6	6.50	99	579550	105.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	372213	81.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	224907	166.27	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	859405	101.32	ng	-0.03
78) Terphenyl-d14	12.96	244	940342	115.43	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.16	128	137927	8.66	ng	98
37) 2-Methylnaphthalene	8.84	142	23135	2.54	ng	98
51) Acenaphthene	9.92	154	26946	3.06	ng	98

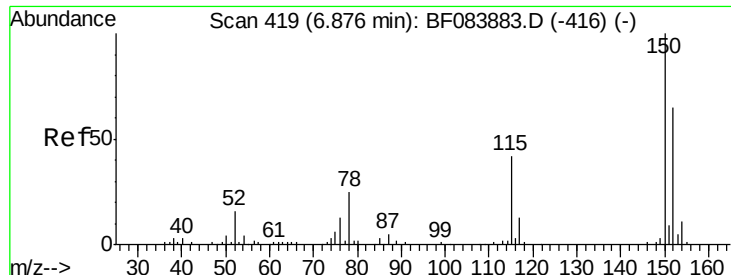
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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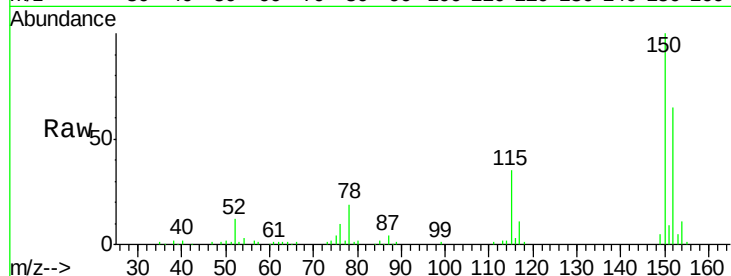


#1

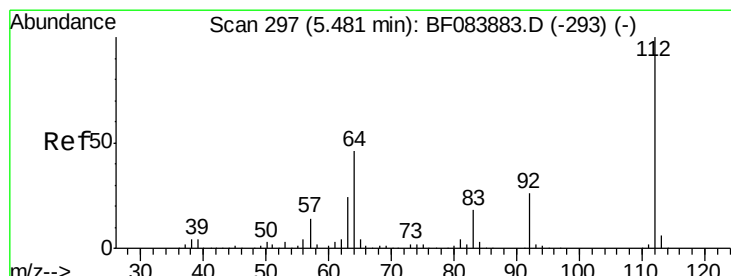
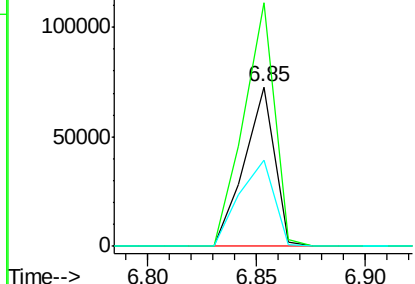
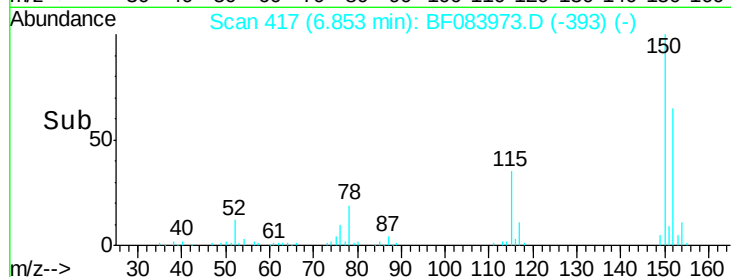
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

Instrument :
BNA_F
ClientSampleId :
LAR-9879-C

Tot Ion:152 Resp: 70355
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.4
115 53.8 51.4 77.2



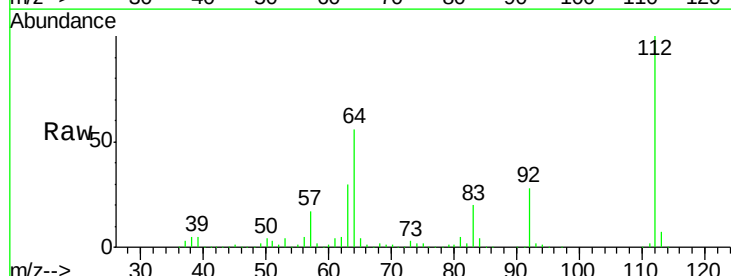
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



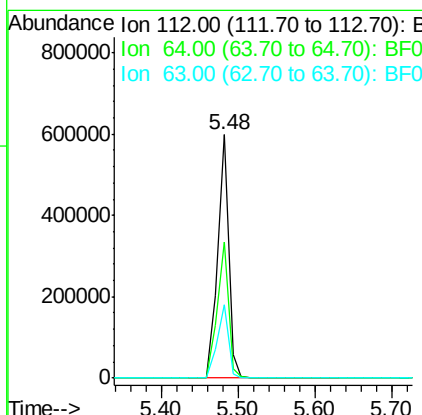
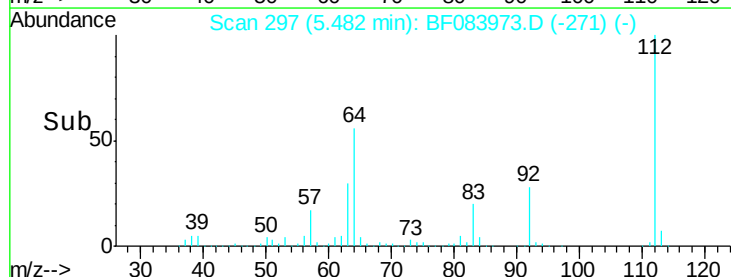
#5

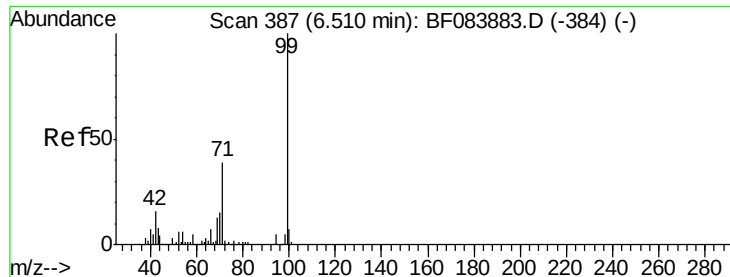
2-Fluorophenol
Concen: 133.24 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

Tgt Ion:112 Resp: 599016
Ion Ratio Lower Upper
112 100
64 55.8 36.6 55.0#
63 30.3 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: 105.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083973.D

Acq: 19 Dec 2015 23:54

Instrument :

BNA_F

ClientSampleId :

LAR-9879-C

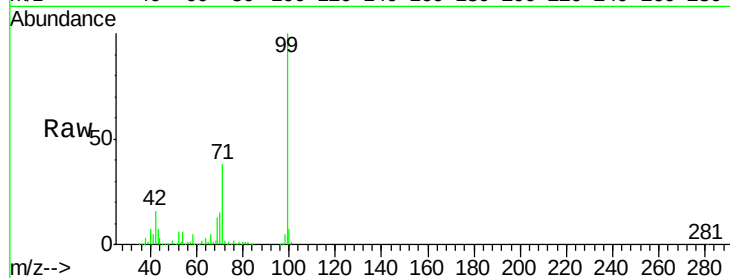
Tot Ion: 99 Resp: 579550

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

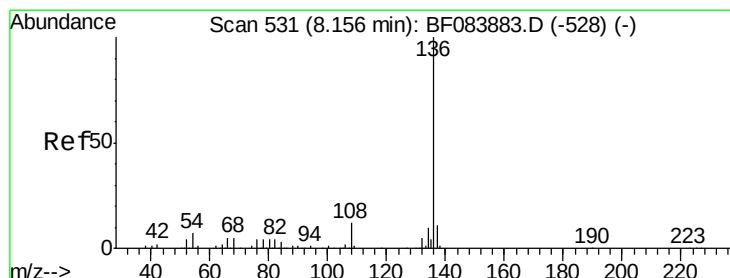
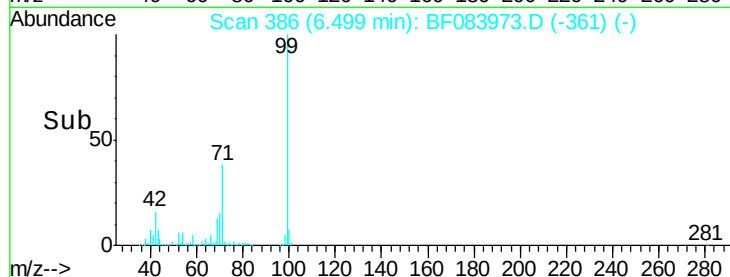
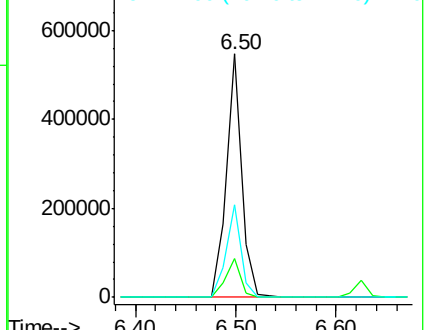
71 38.0 30.9 46.3



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: BF083973.D

Acq: 19 Dec 2015 23:54

Tgt Ion: 136 Resp: 262234

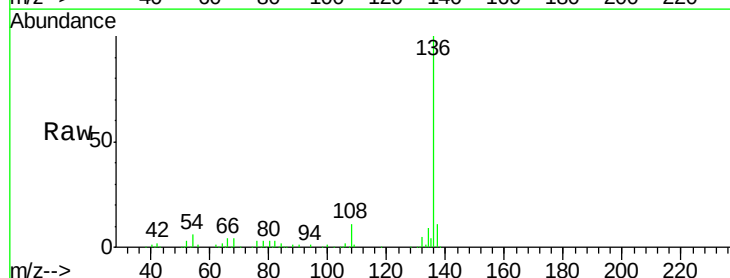
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.6 5.8 8.8#

68 4.2 4.2 6.2

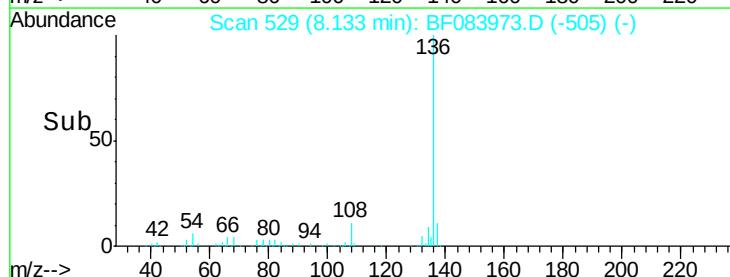
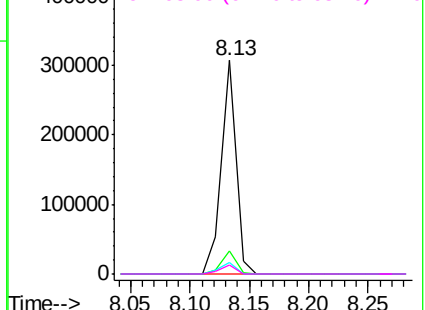


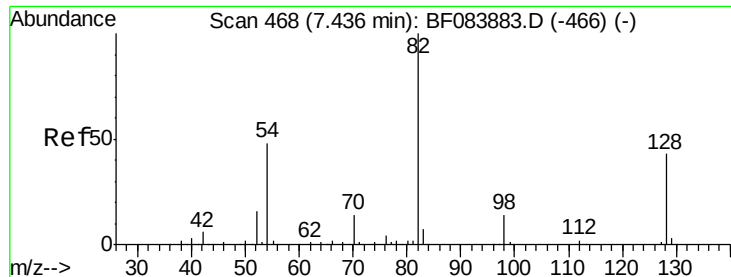
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.01 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083973.D

Acq: 19 Dec 2015 23:54

Instrument :

BNA_F

ClientSampleId :

LAR-9879-C

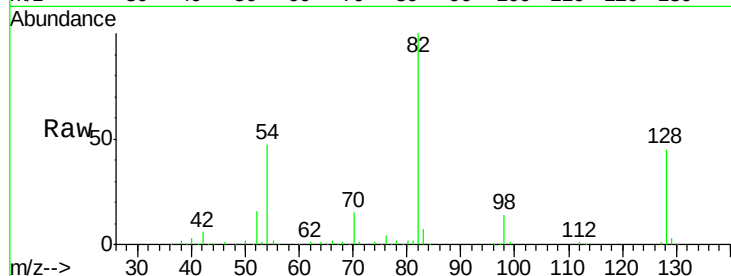
Tot Ion: 82 Resp: 372213

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

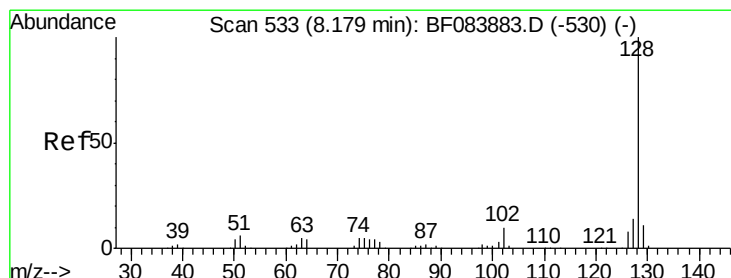
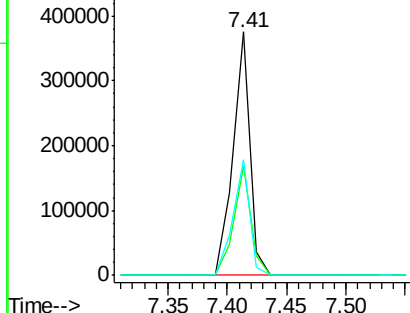
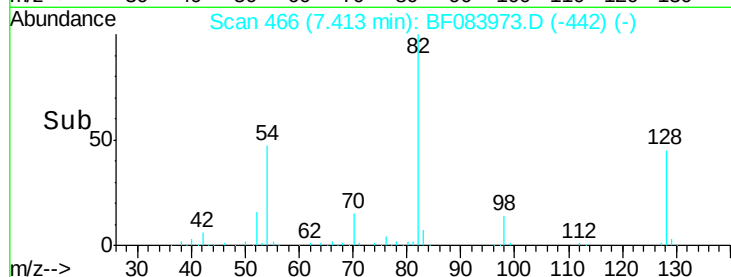
54 47.3 38.4 57.6



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



#31

Naphthalene

Concen: 8.66 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083973.D

Acq: 19 Dec 2015 23:54

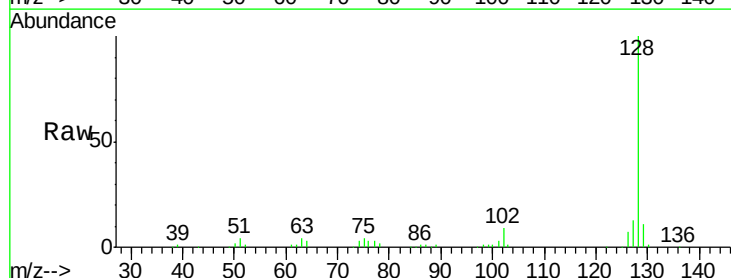
Tgt Ion: 128 Resp: 137927

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

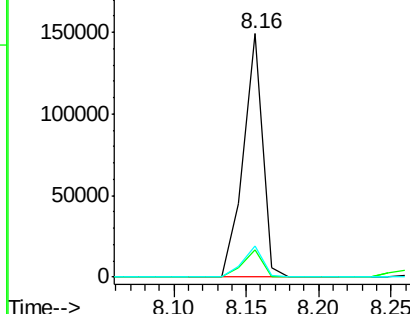
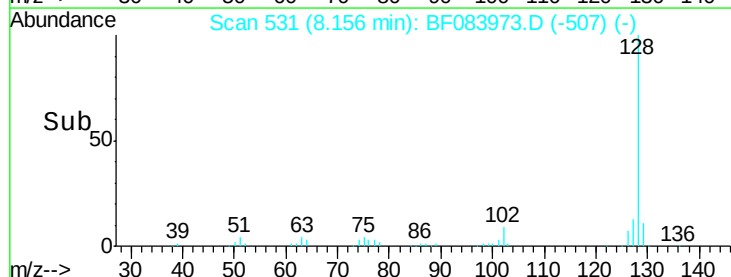
127 13.0 11.1 16.7

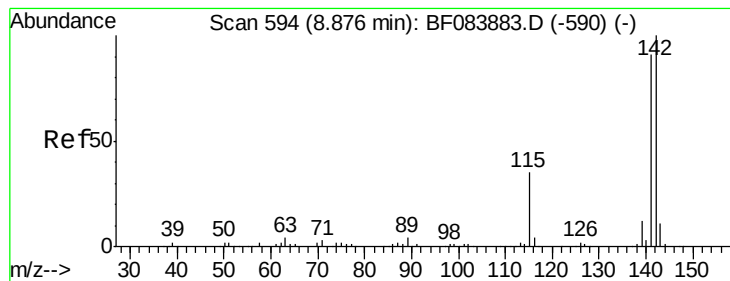


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.54 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.03 min

Lab File: BF083973.D

Acq: 19 Dec 2015 23:54

Instrument :

BNA_F

ClientSampleId :

LAR-9879-C

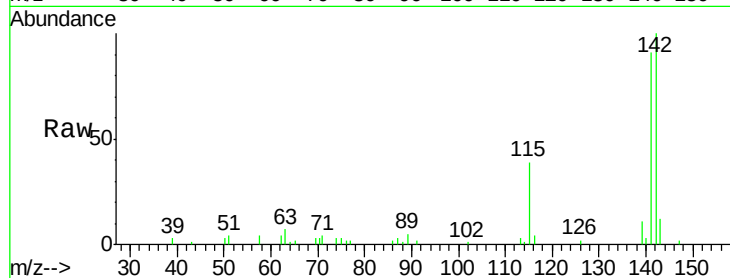
Tot Ion:142 Resp: 23135

Ion Ratio Lower Upper

142 100

141 90.7 72.4 108.6

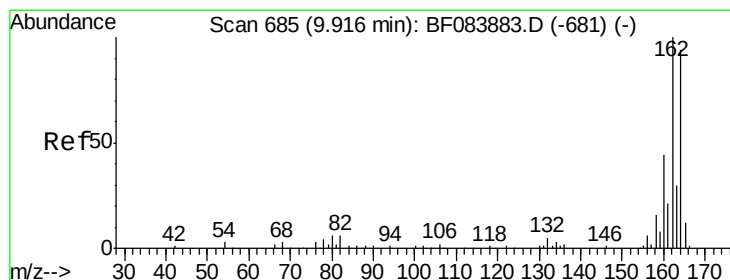
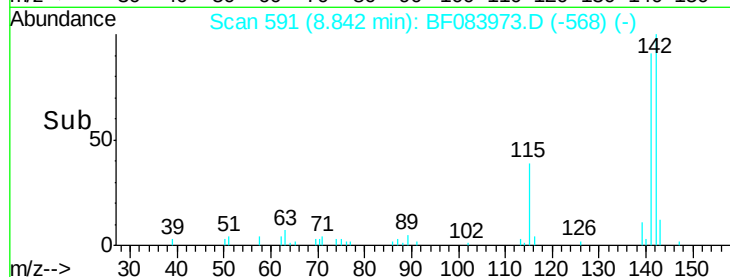
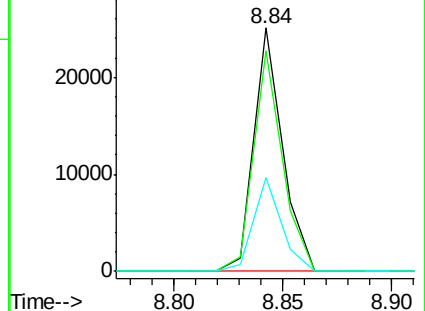
115 38.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083973.D

Acq: 19 Dec 2015 23:54

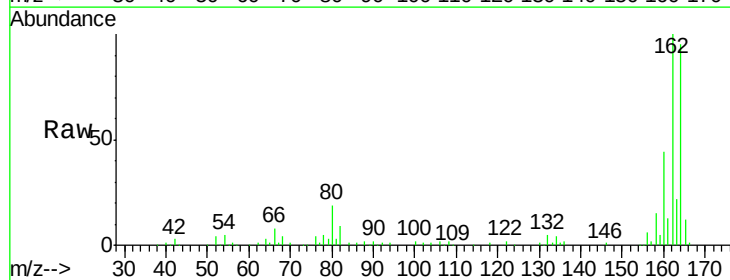
Tgt Ion:164 Resp: 122784

Ion Ratio Lower Upper

164 100

162 105.1 85.1 127.7

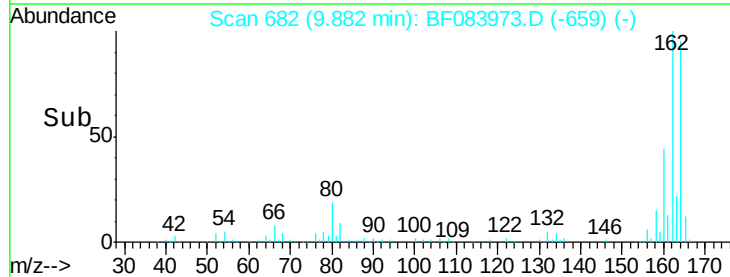
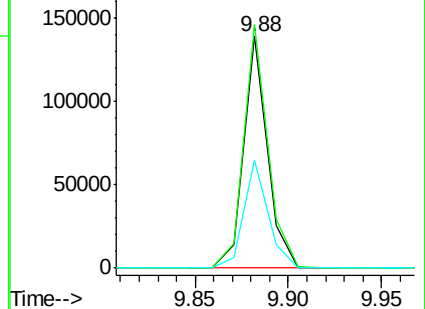
160 46.4 37.5 56.3

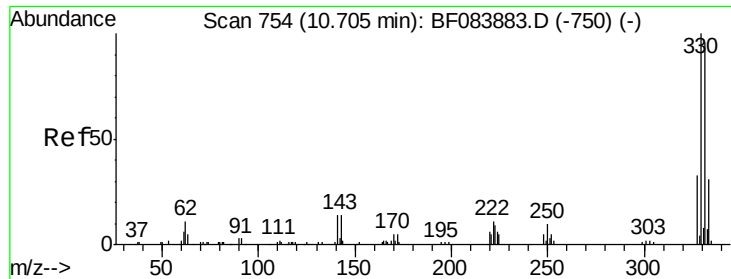


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

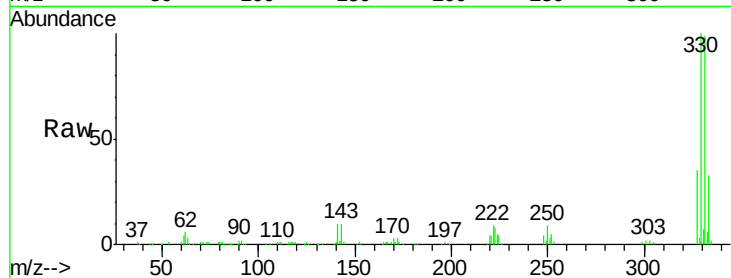




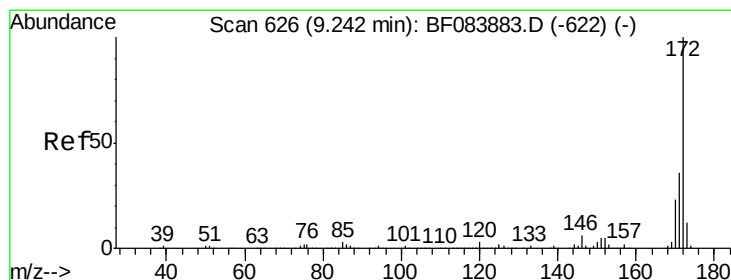
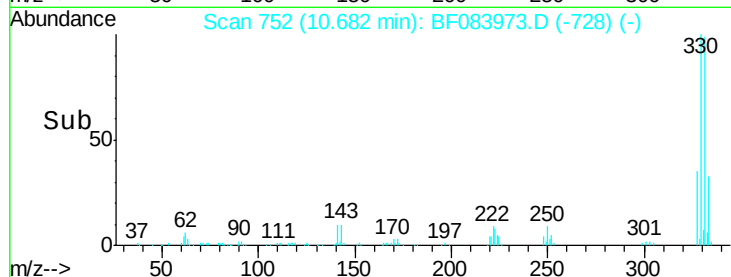
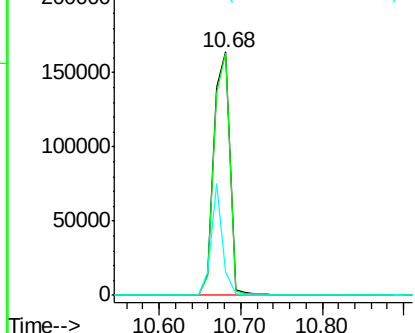
#41
 2,4,6-Tribromophenol
 Concen: 166.27 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083973.D
 Acq: 19 Dec 2015 23:54

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9879-C

Tot Ion:330 Resp: 224907
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 33.4 27.8 41.6

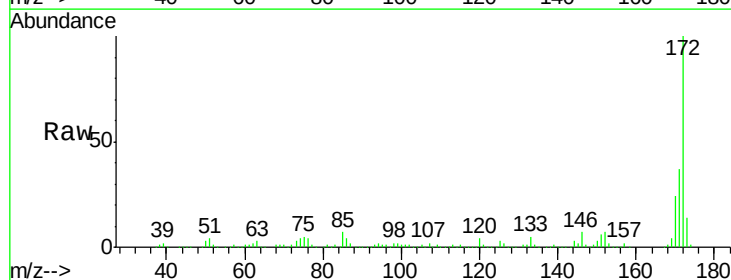


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

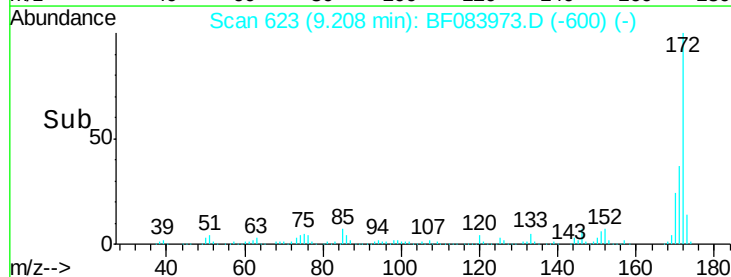
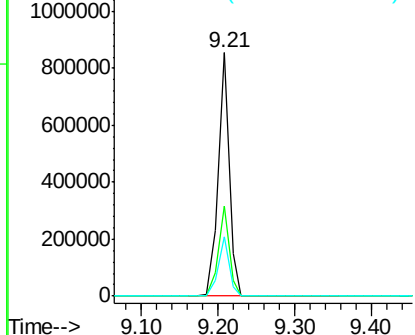


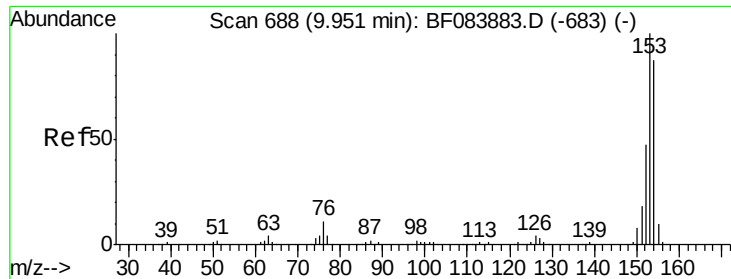
#44
 2-Fluorobiphenyl
 Concen: 101.32 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083973.D
 Acq: 19 Dec 2015 23:54

Tgt Ion:172 Resp: 859405
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.3 18.6 27.8



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

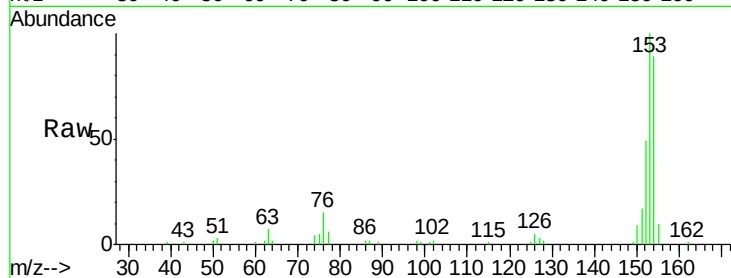




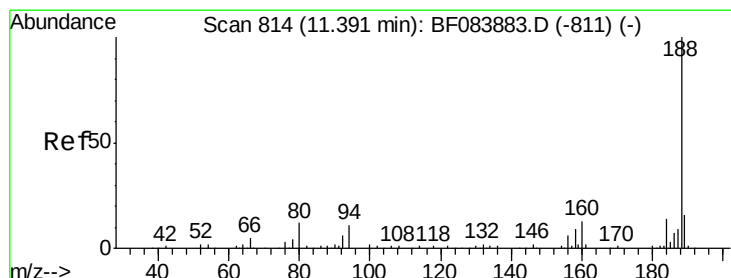
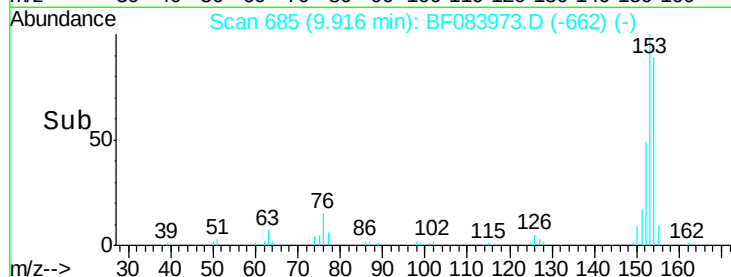
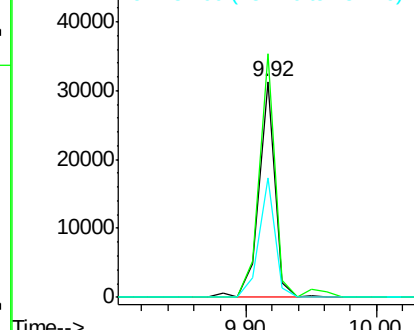
#51
Acenaphthene
Concen: 3.06 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

Instrument :
BNA_F
ClientSampleId :
LAR-9879-C

Tot Ion:154 Resp: 26946
Ion Ratio Lower Upper
154 100
153 112.7 91.5 137.3
152 55.2 43.0 64.6

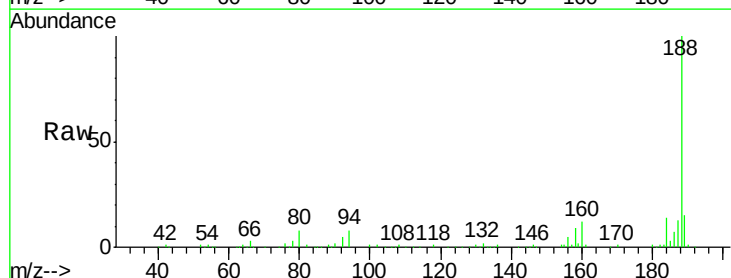


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

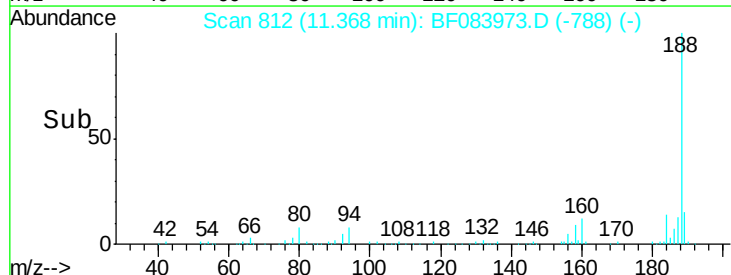
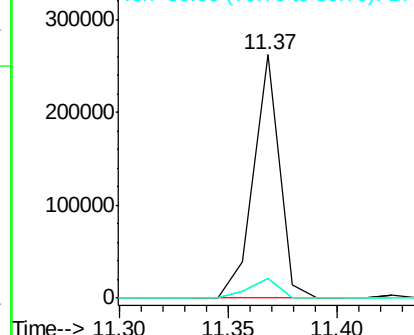


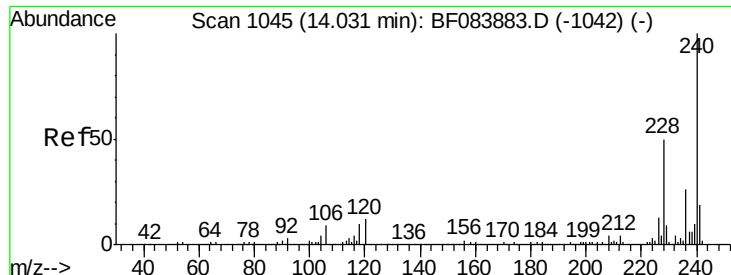
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

Tgt Ion:188 Resp: 217393
Ion Ratio Lower Upper
188 100
94 7.8 9.0 13.4#
80 8.2 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

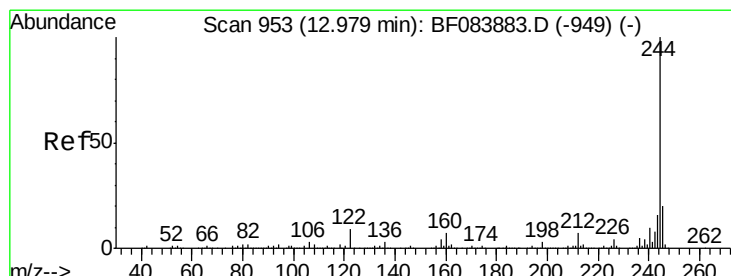
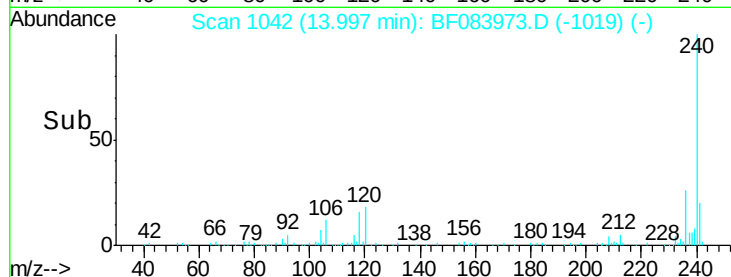
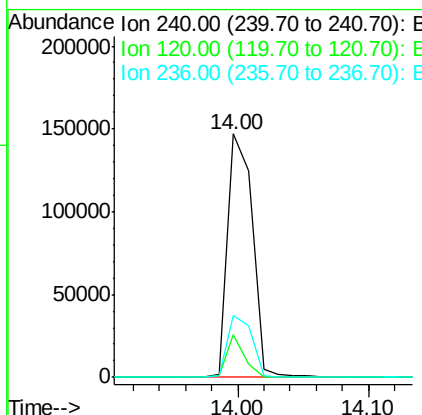
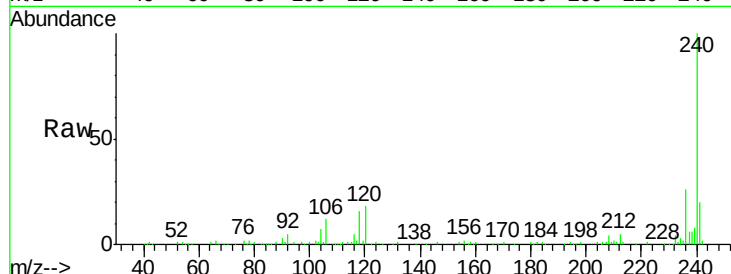




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

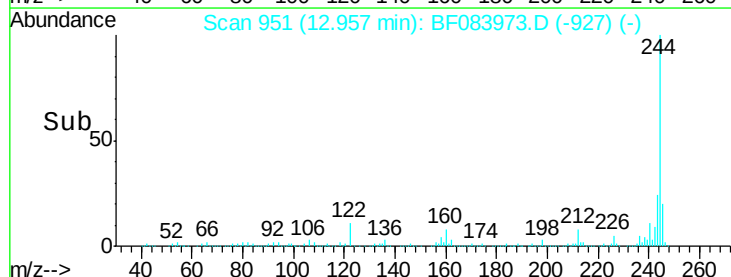
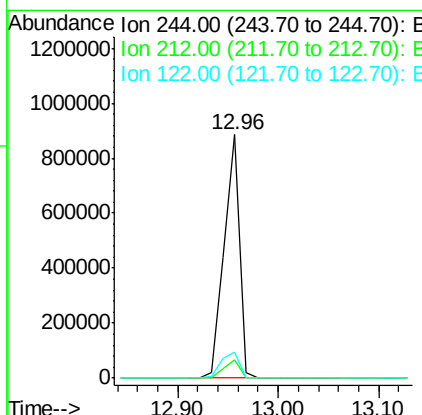
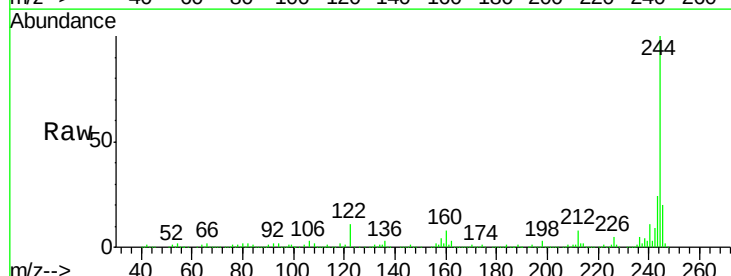
Instrument :
BNA_F
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LAR-9879-C

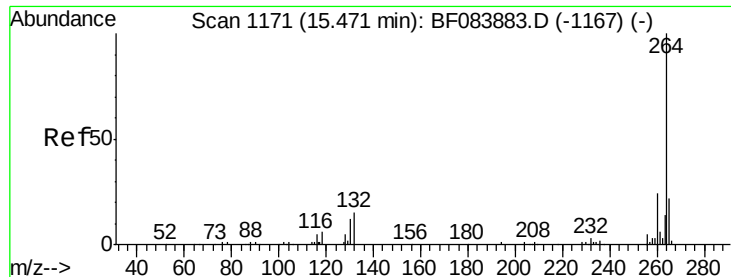
Tot Ion:240 Resp: 194242
Ion Ratio Lower Upper
240 100
120 17.5 9.5 14.3#
236 25.5 20.6 31.0



#78
Terphenyl-d14
Concen: 115.43 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

Tgt Ion:244 Resp: 940342
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.6 7.4 11.0

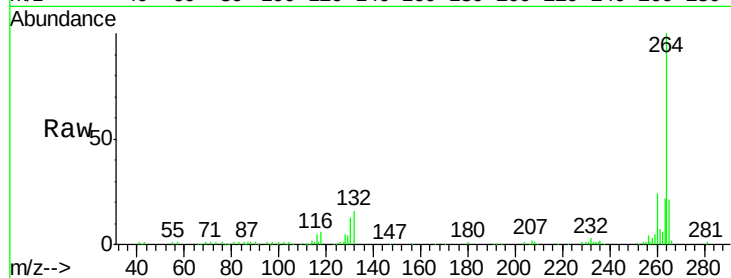




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083973.D
Acq: 19 Dec 2015 23:54

Instrument :
BNA_F
ClientSampleId :
LAR-9879-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.1	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

