

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083922.D
 Acq On : 18 Dec 2015 19:31
 Operator : UM/SJ
 Sample : G4818-01 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9874

Quant Time: Dec 19 04:40:51 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

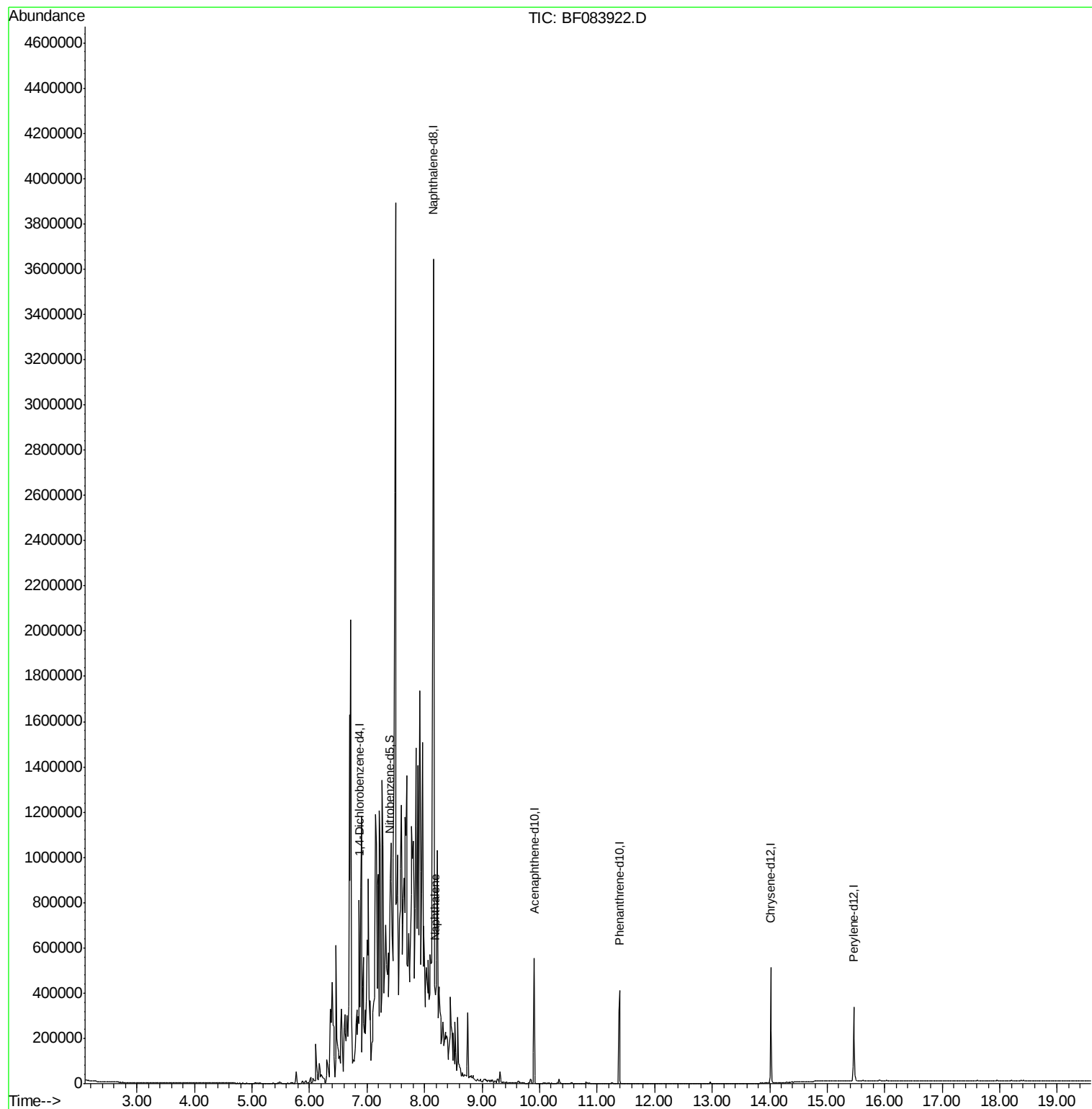
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63972	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	152881	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	107594	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	205843	20.00	ng	0.00
75) Chrysene-d12	14.02	240	199140	20.00	ng	-0.01
86) Perylene-d12	15.46	264	154878	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2374	0.58	ng	0.00
7) Phenol-d6	6.51	99	7426	1.48	ng	0.00
23) Nitrobenzene-d5	7.40	82	19355	7.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	456	0.38	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	3750	-1.00	ng	-0.01
78) Terphenyl-d14	12.97	244	4788	-6.16	ng	-0.01
Target Compounds						
31) Naphthalene	8.18	128	38525	2.95	ng	Qvalue # 92

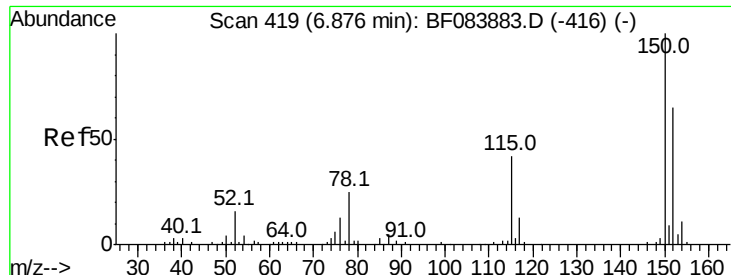
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083922.D

Acq: 18 Dec 2015 19:31

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BNA_F

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LAR-9874

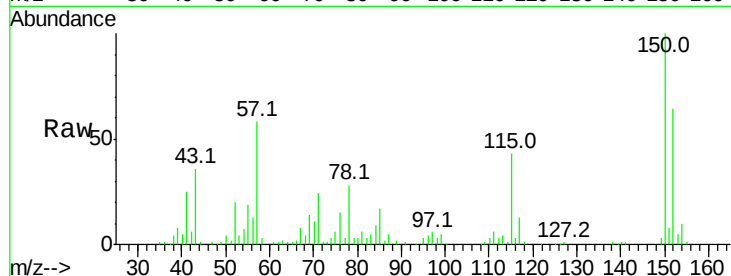
Tot Ion:152 Resp: 63972

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

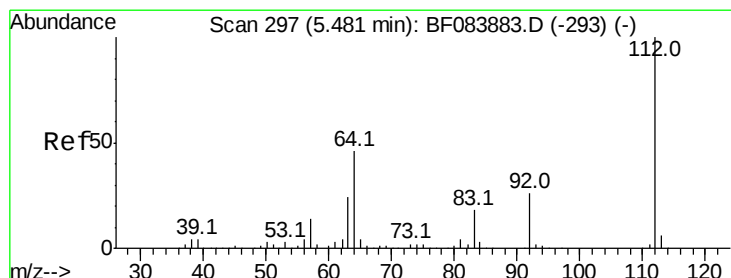
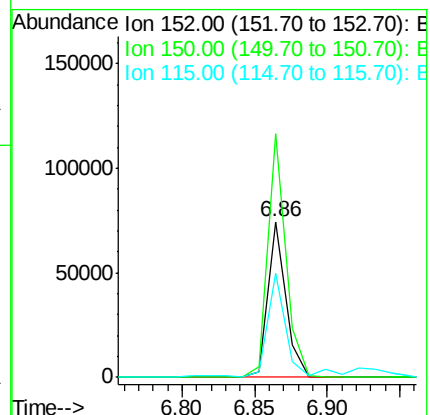
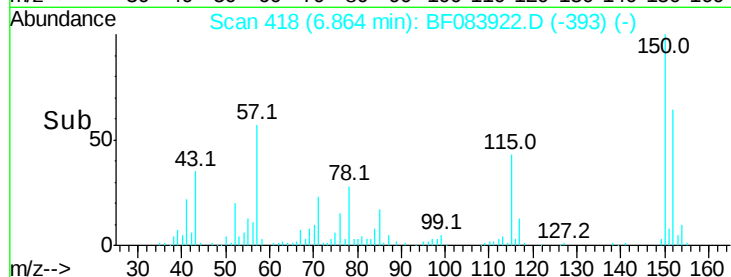
115 66.7 51.4 77.2



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: 0.58 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083922.D

Acq: 18 Dec 2015 19:31

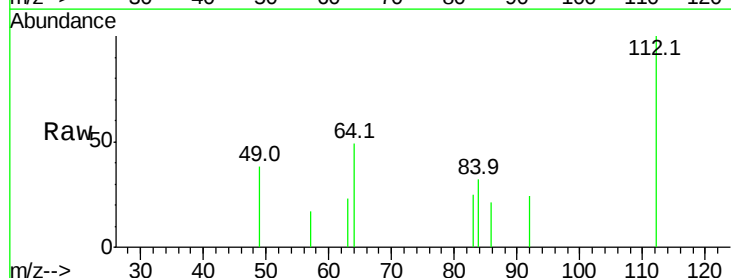
Tgt Ion:112 Resp: 2374

Ion Ratio Lower Upper

112 100

64 49.0 36.6 55.0

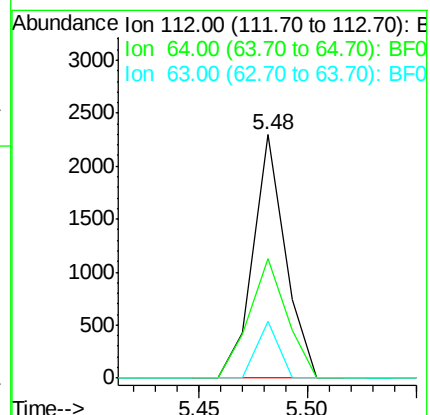
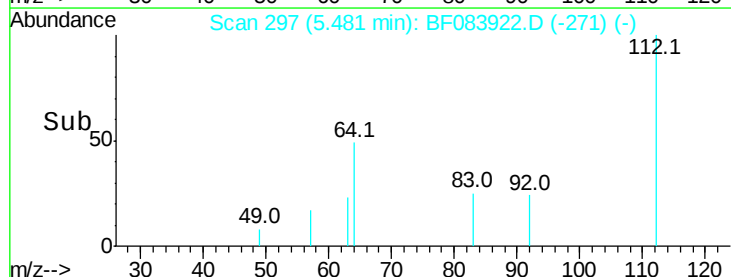
63 23.5 19.4 29.0

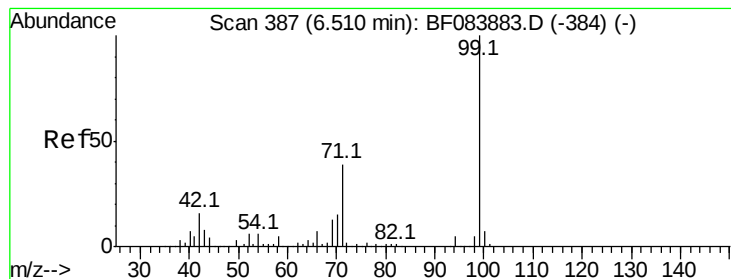


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.48 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083922.D

Acq: 18 Dec 2015 19:31

Instrument :

BNA_F

ClientSampleId :

LAR-9874

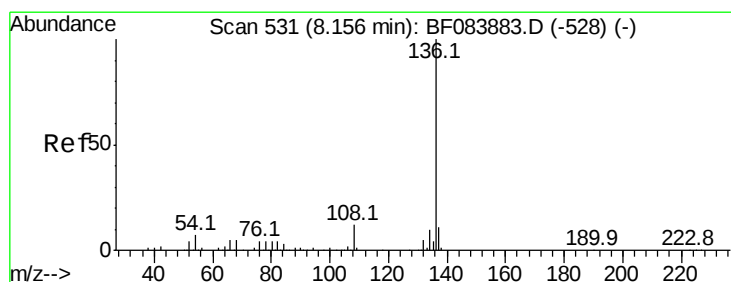
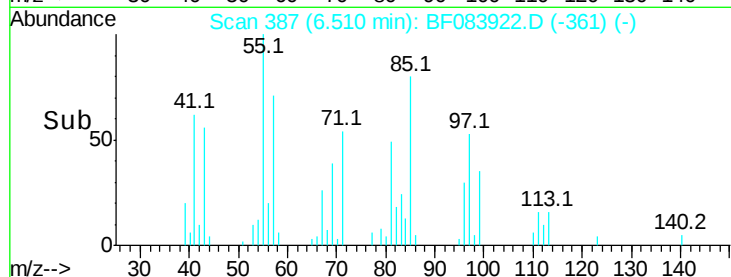
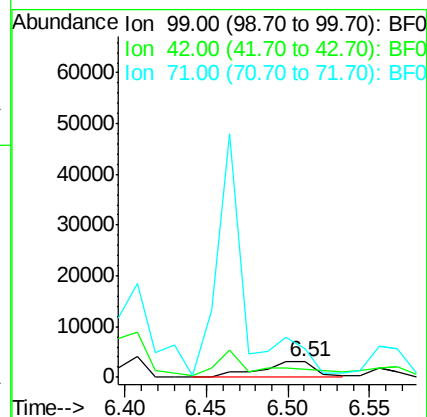
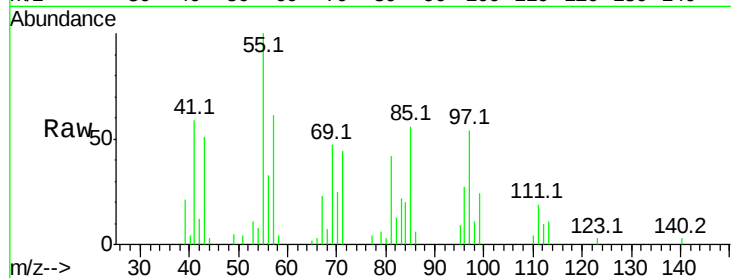
Tot Ion: 99 Resp: 7426

Ion Ratio Lower Upper

99 100

42 50.5 12.8 19.2#

71 180.1 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083922.D

Acq: 18 Dec 2015 19:31

Tgt Ion: 136 Resp: 152881

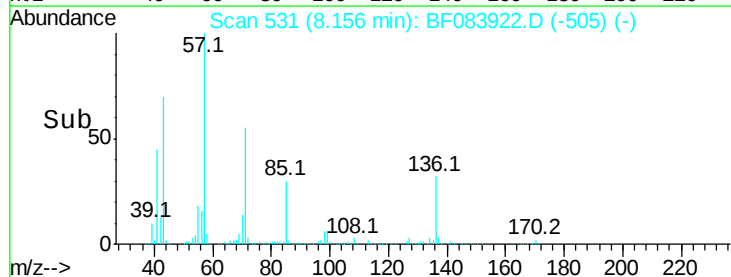
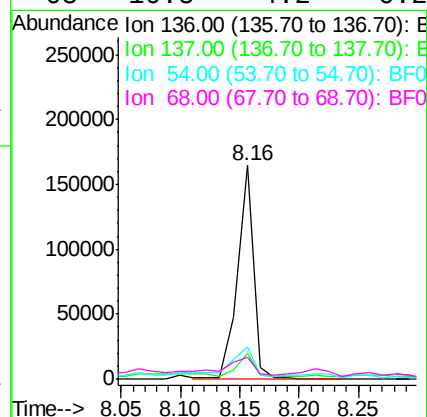
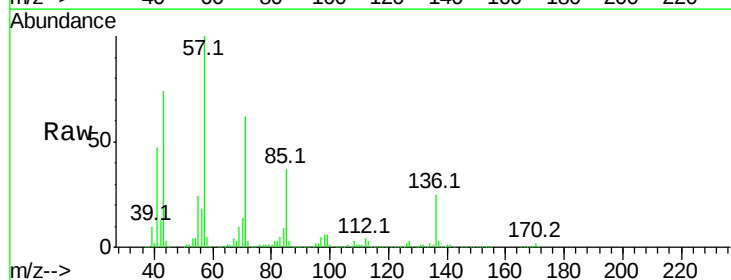
Ion Ratio Lower Upper

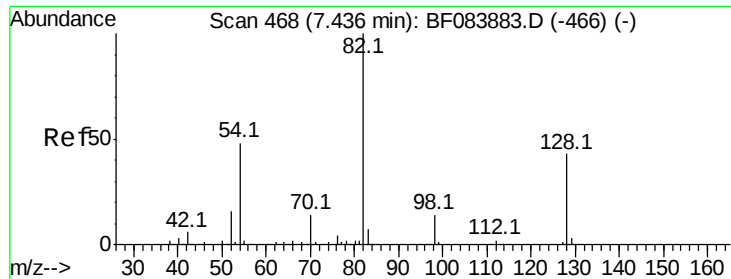
136 100

137 11.9 8.7 13.1

54 14.7 5.8 8.8#

68 10.5 4.2 6.2#

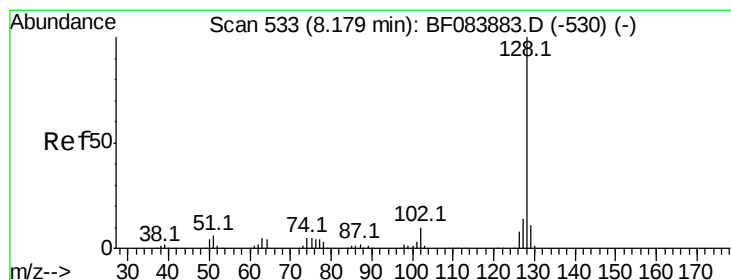
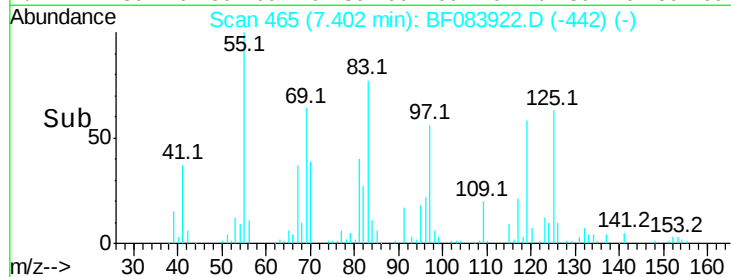
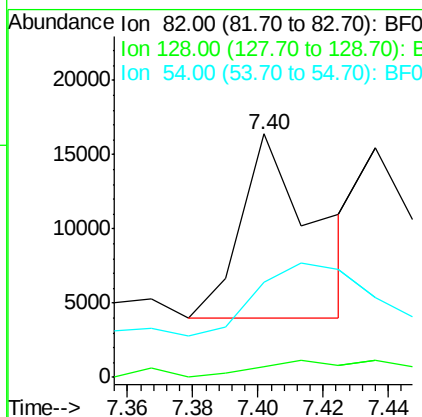
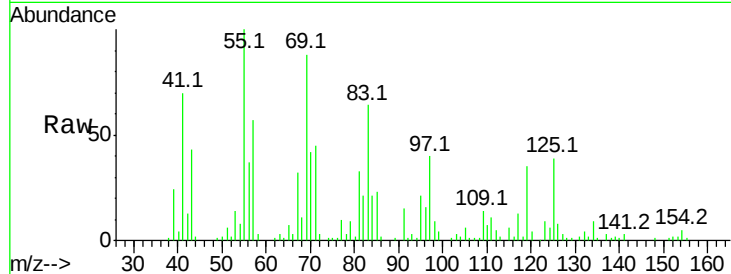




#23
 Nitrobenzene-d5
 Concen: 7.23 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.03 min
 Lab File: BF083922.D
 Acq: 18 Dec 2015 19:31

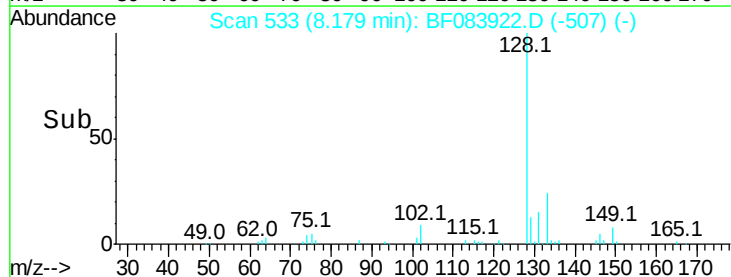
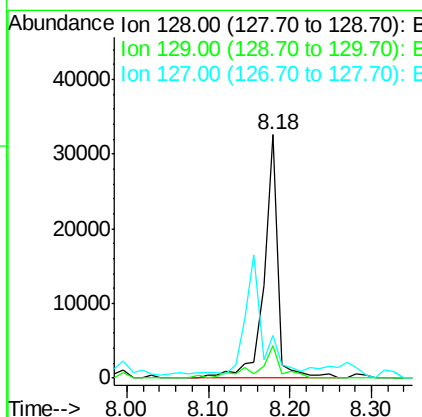
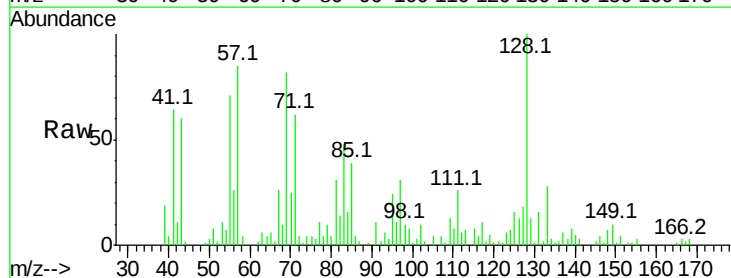
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9874

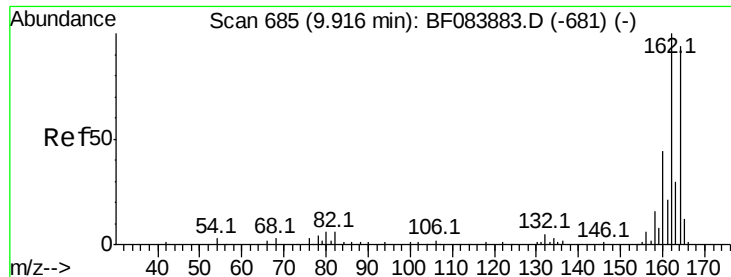
Tot Ion: 82 Resp: 19355
 Ion Ratio Lower Upper
 82 100
 128 4.3 34.6 51.8#
 54 39.1 38.4 57.6



#31
 Naphthalene
 Concen: 2.95 ng
 RT: 8.18 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF083922.D
 Acq: 18 Dec 2015 19:31

Tgt Ion: 128 Resp: 38525
 Ion Ratio Lower Upper
 128 100
 129 13.5 9.1 13.7
 127 17.8 11.1 16.7#

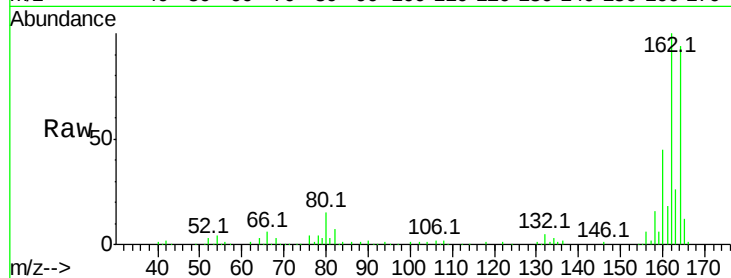




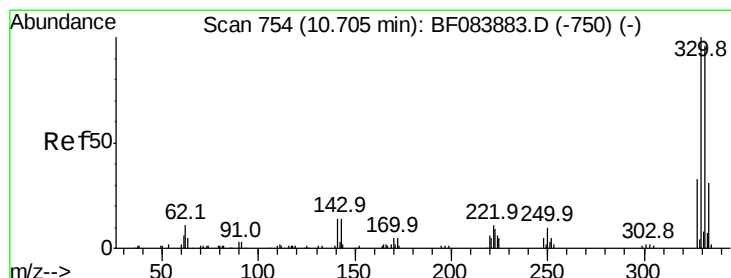
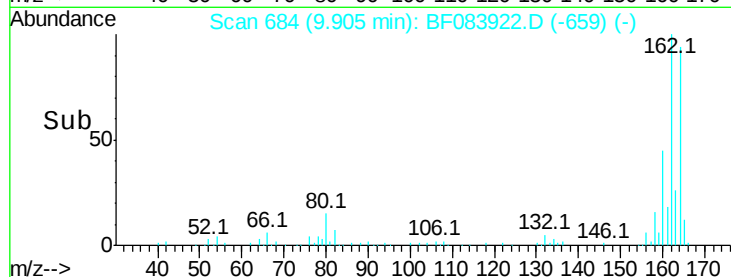
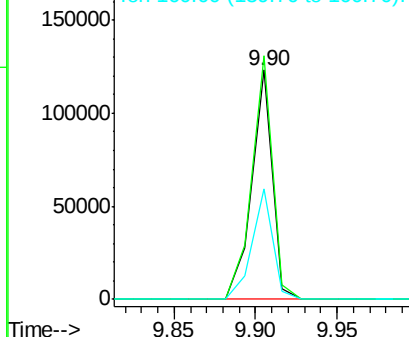
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tot Ion:164 Resp: 107594
Ion Ratio Lower Upper
164 100
162 106.3 85.1 127.7
160 48.2 37.5 56.3

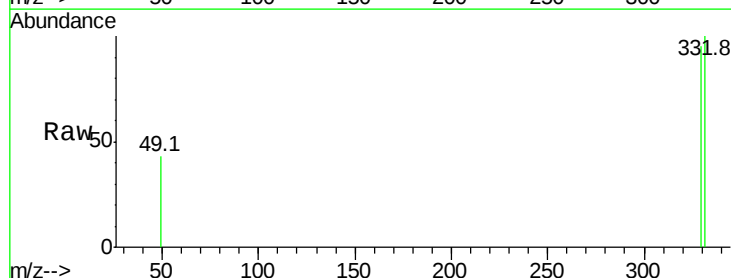


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

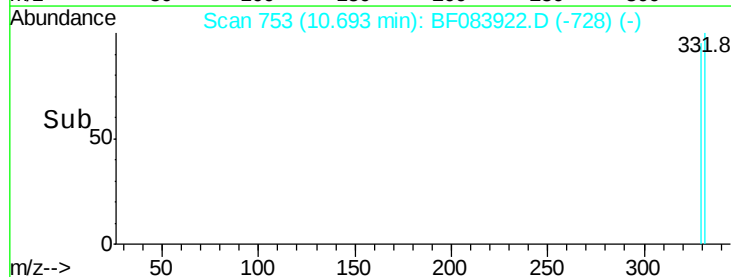
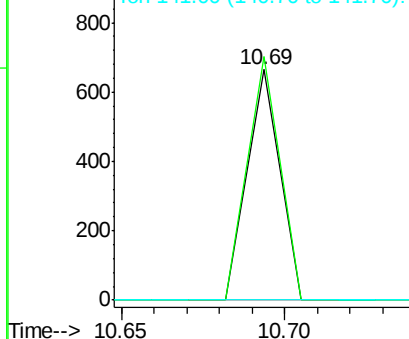


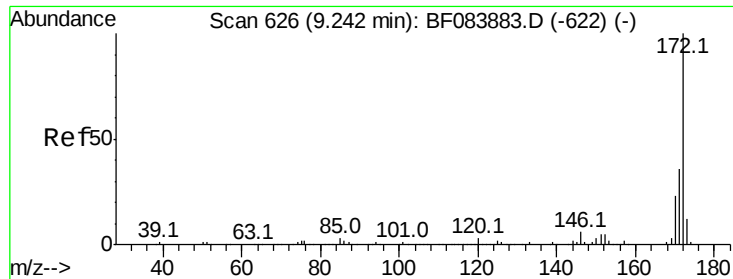
#41
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:330 Resp: 456
Ion Ratio Lower Upper
330 100
332 105.5 76.6 114.8
141 0.0 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

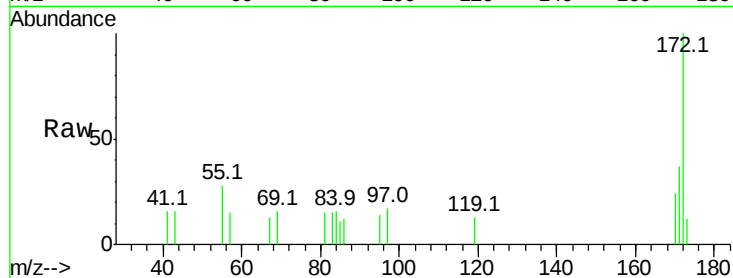




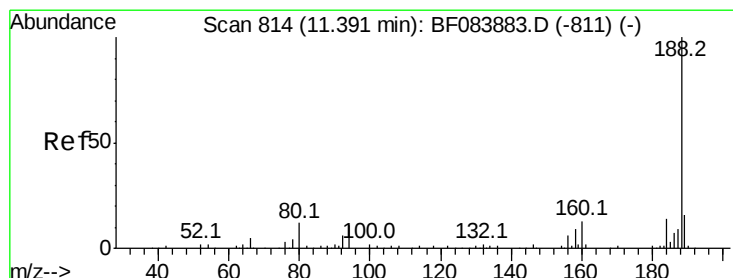
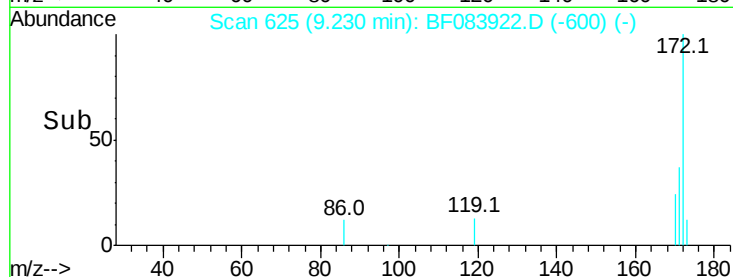
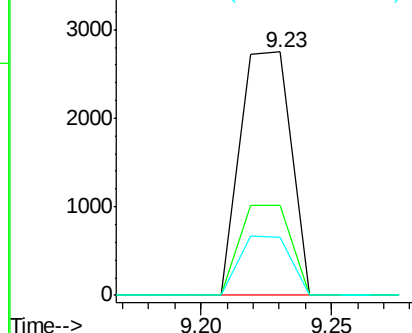
#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083922.D
 Acq: 18 Dec 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9874

Tot Ion:172 Resp: 3750
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.1 18.6 27.8

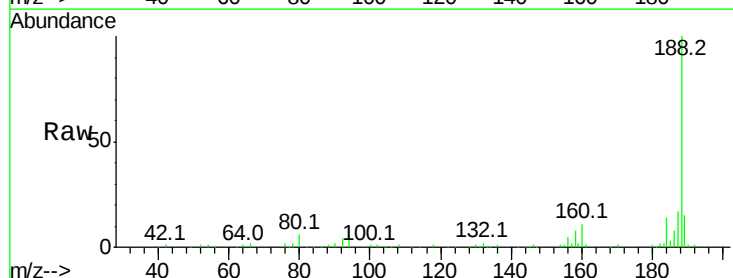


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

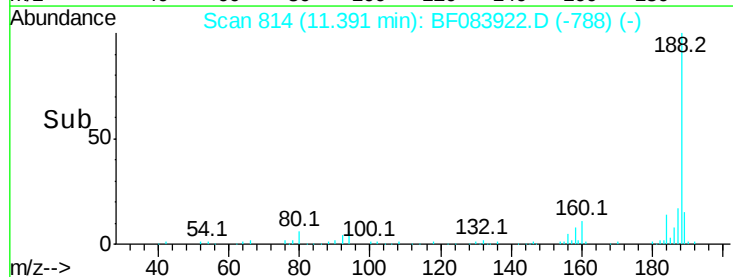
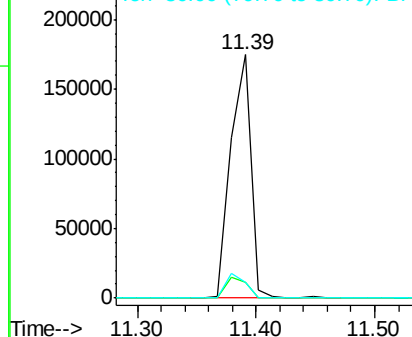


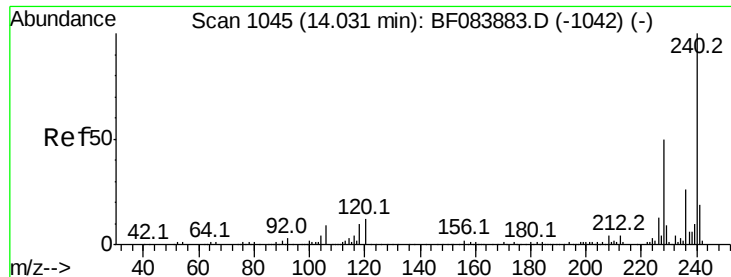
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF083922.D
 Acq: 18 Dec 2015 19:31

Tgt Ion:188 Resp: 205843
 Ion Ratio Lower Upper
 188 100
 94 6.4 9.0 13.4#
 80 6.4 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: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF083922.D

Acq: 18 Dec 2015 19:31

Instrument :

BNA_F

ClientSampleId :

LAR-9874

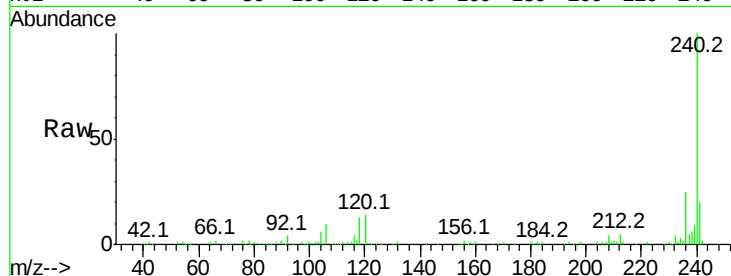
Tot Ion:240 Resp: 199140

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

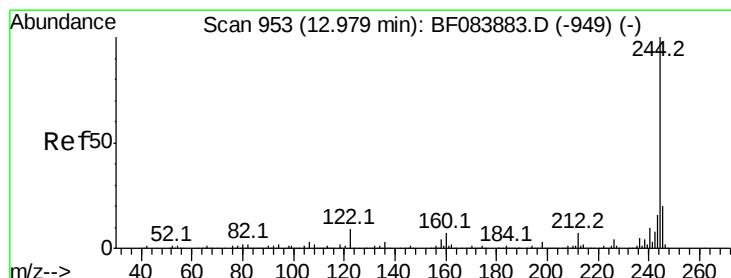
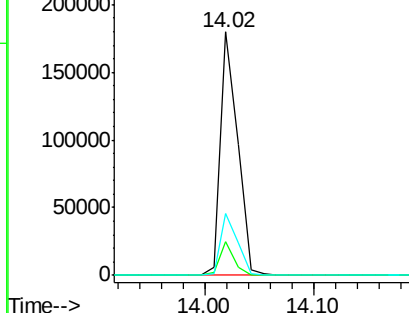
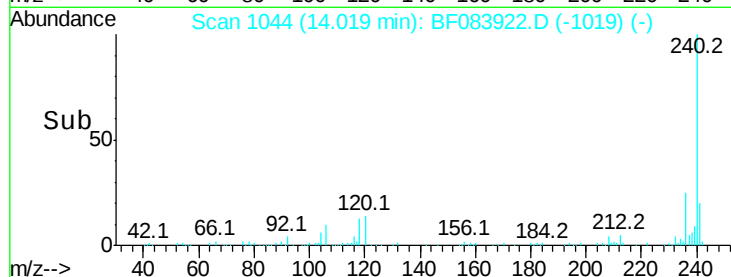
236 25.2 20.6 31.0



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: -6.16 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083922.D

Acq: 18 Dec 2015 19:31

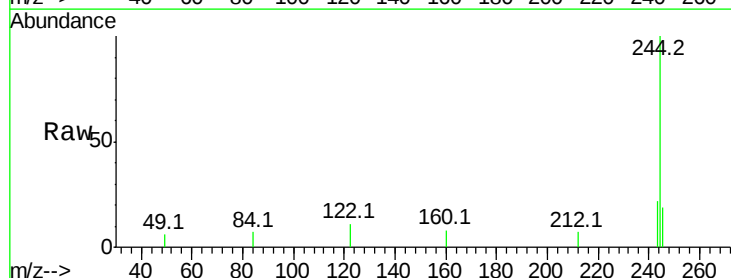
Tgt Ion:244 Resp: 4788

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

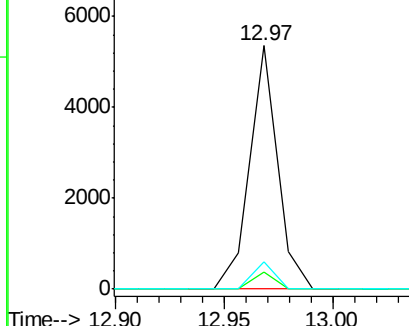
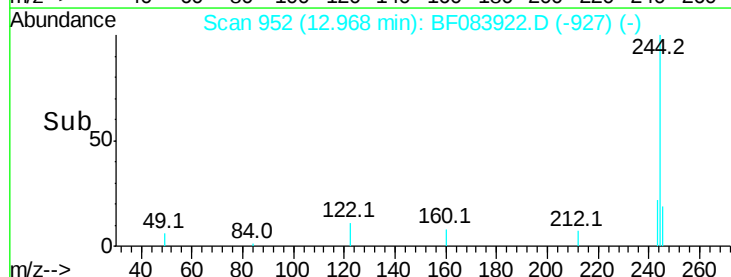
122 11.3 7.4 11.0#

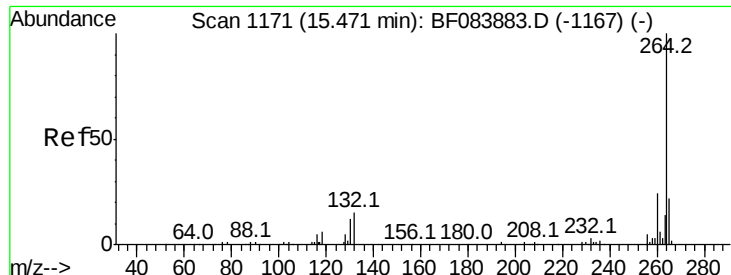


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



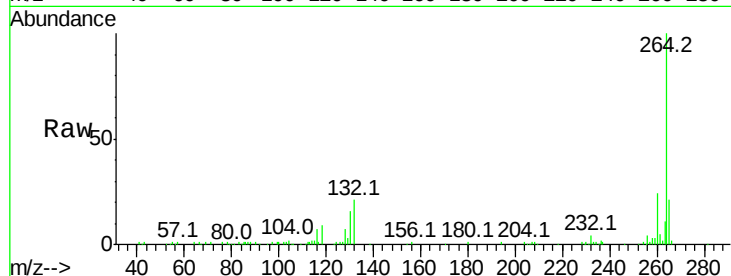


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tot Ion: 264 Resp: 154878

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

