

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083921.D
 Acq On : 18 Dec 2015 19:03
 Operator : UM/SJ
 Sample : G4817-01 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9873

Quant Time: Dec 19 04:38:55 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

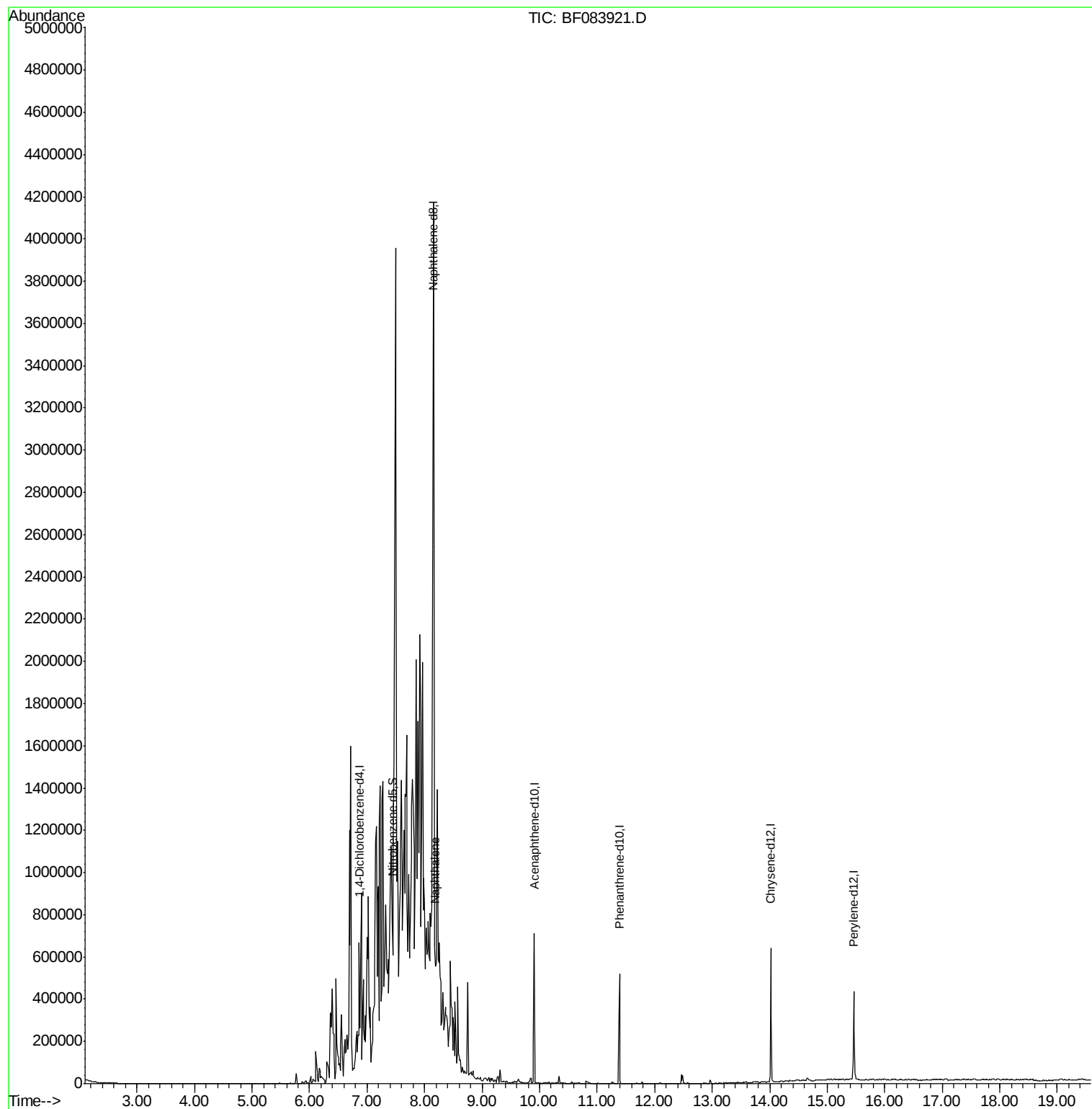
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	55764	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	167444	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	137811	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	240060	20.00	ng	0.00
75) Chrysene-d12	14.02	240	248974	20.00	ng	-0.01
86) Perylene-d12	15.46	264	198145	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2263	0.64	ng	0.00
7) Phenol-d6	6.51	99	6753	1.55	ng	0.00
23) Nitrobenzene-d5	7.44	82	41978	14.31	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	670	0.44	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	5250	-1.00	ng	-0.01
78) Terphenyl-d14	12.97	244	6905	-6.07	ng	-0.01
Target Compounds						
31) Naphthalene	8.18	128	35095	2.06	ng	Qvalue # 91

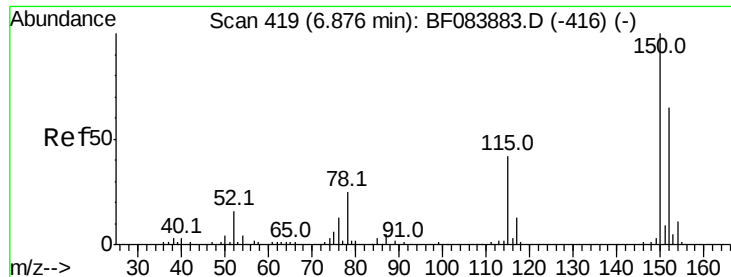
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083921.D

Acq: 18 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

LAR-9873

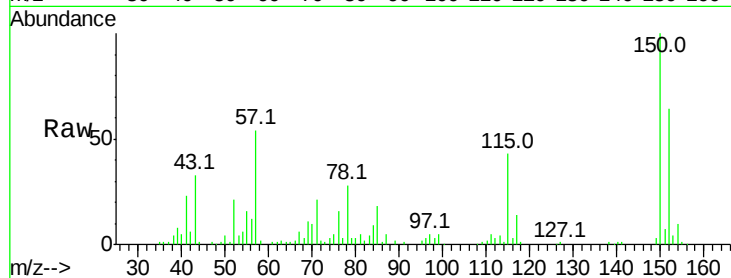
Tot Ion:152 Resp: 55764

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

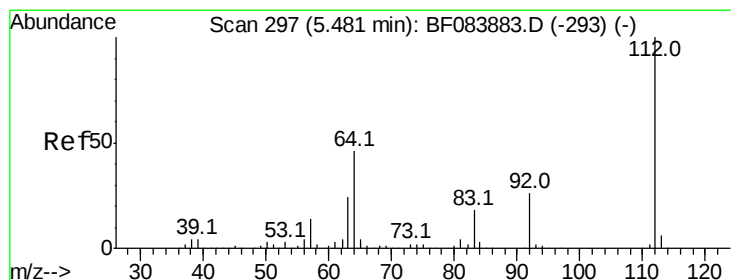
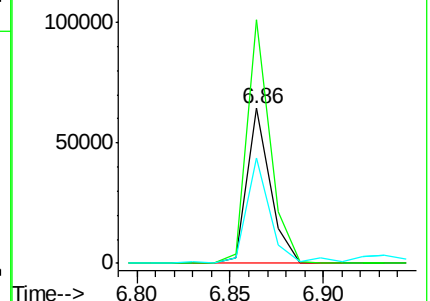
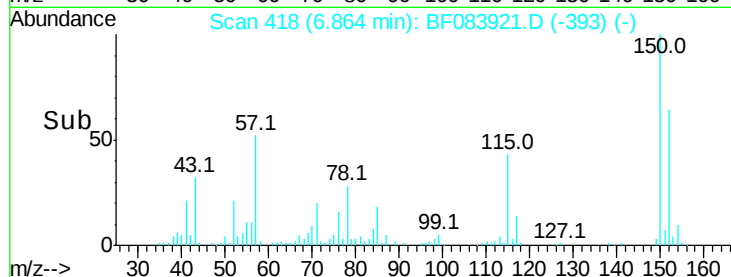
115 68.0 51.4 77.2



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: 0.64 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083921.D

Acq: 18 Dec 2015 19:03

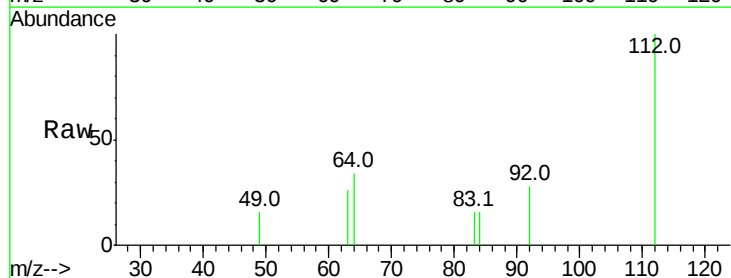
Tgt Ion:112 Resp: 2263

Ion Ratio Lower Upper

112 100

64 33.5 36.6 55.0#

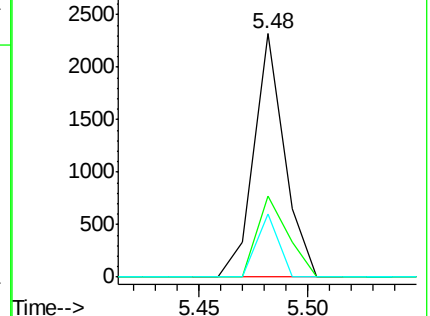
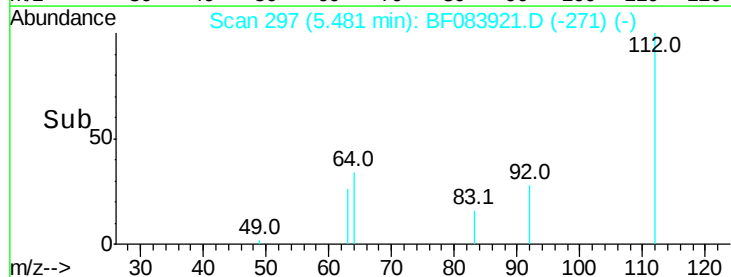
63 25.9 19.4 29.0

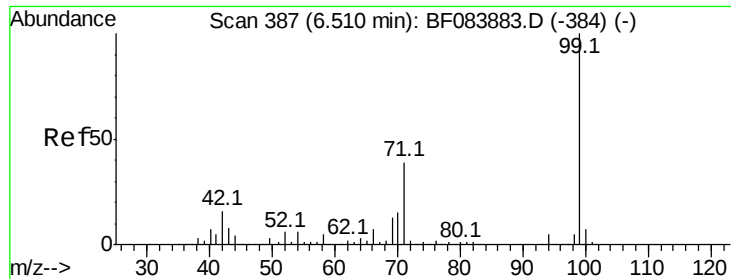


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.55 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083921.D

Acq: 18 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

LAR-9873

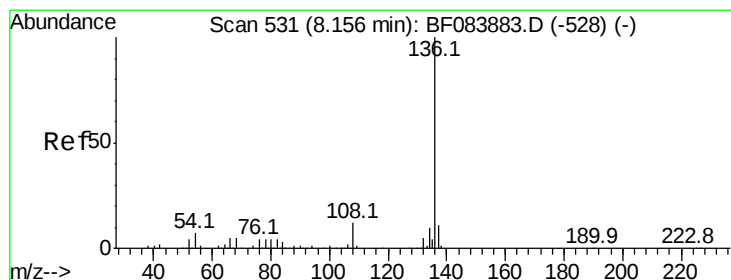
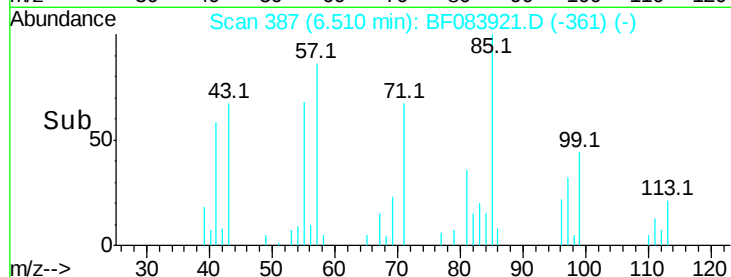
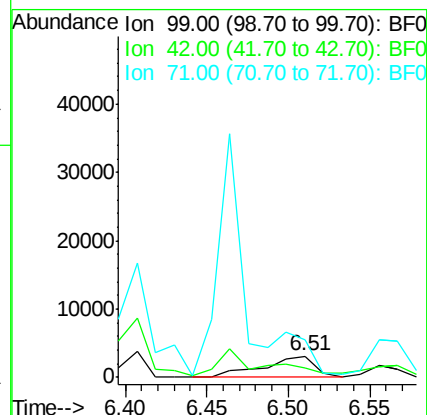
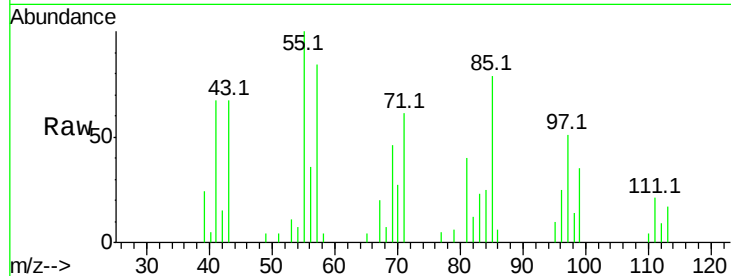
Tot Ion: 99 Resp: 6753

Ion Ratio Lower Upper

99 100

42 41.9 12.8 19.2#

71 175.5 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: BF083921.D

Acq: 18 Dec 2015 19:03

Tgt Ion: 136 Resp: 167444

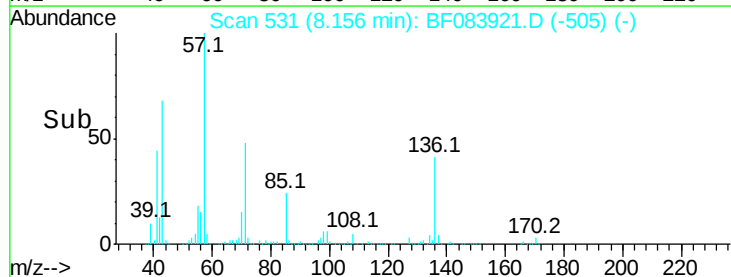
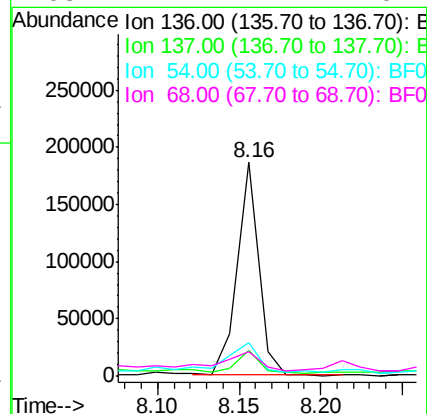
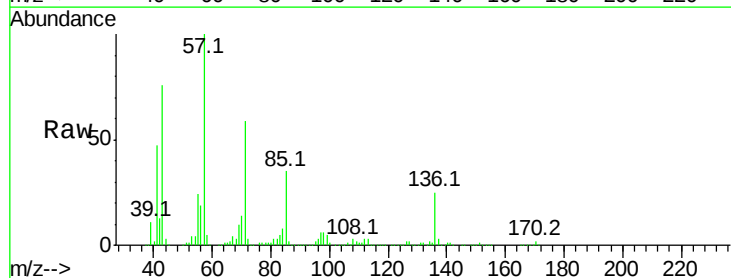
Ion Ratio Lower Upper

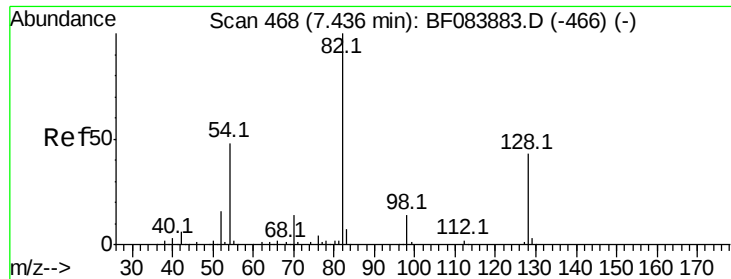
136 100

137 12.0 8.7 13.1

54 15.8 5.8 8.8#

68 11.4 4.2 6.2#

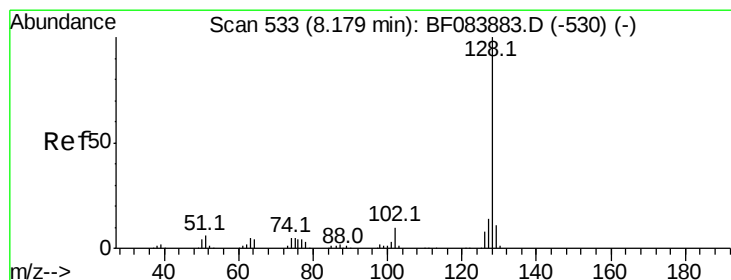
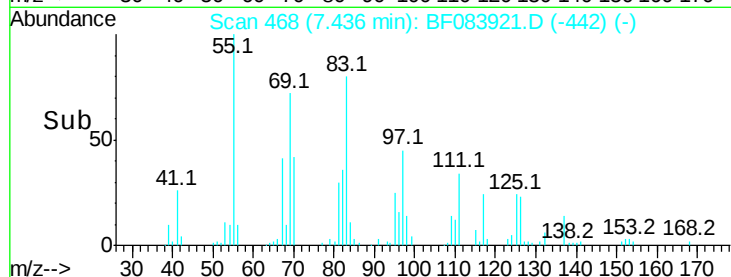
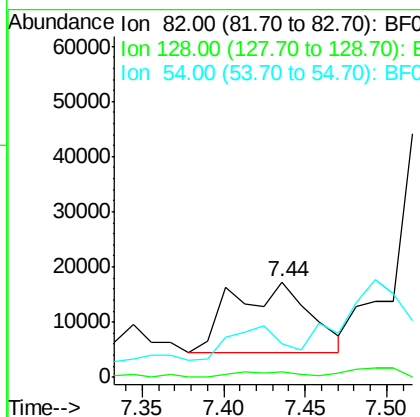
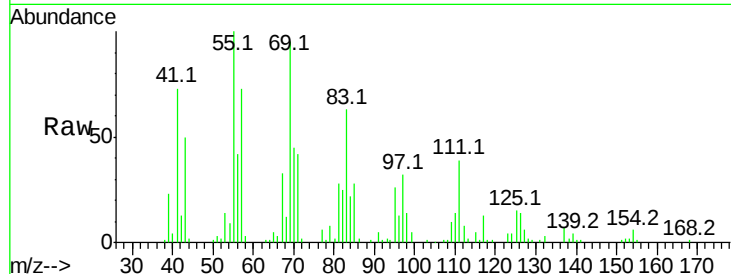




#23
 Nitrobenzene-d5
 Concen: 14.31 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083921.D
 Acq: 18 Dec 2015 19:03

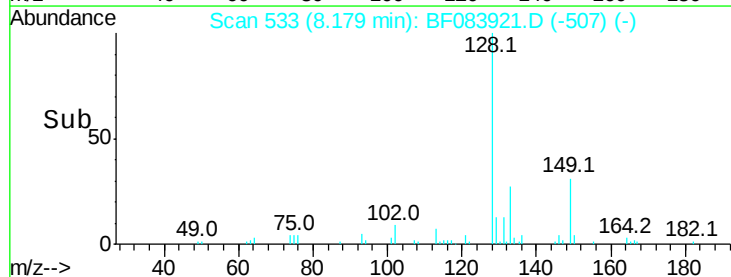
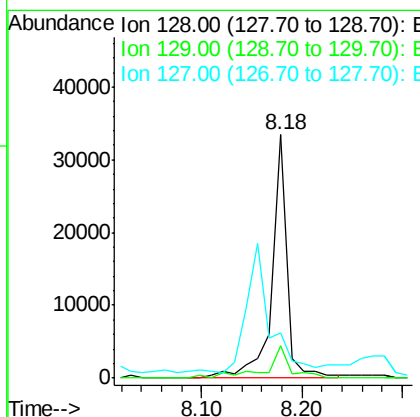
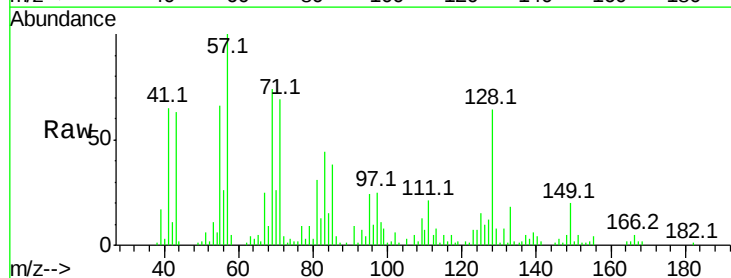
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9873

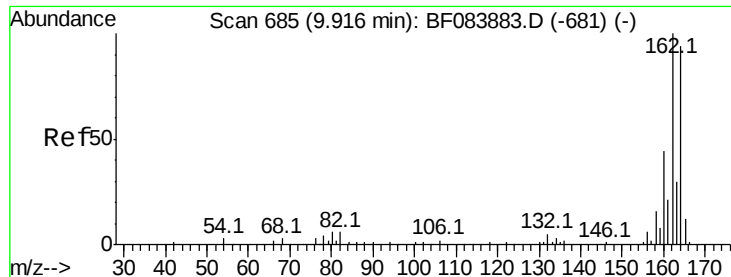
Tot Ion: 82 Resp: 41978
 Ion Ratio Lower Upper
 82 100
 128 6.4 34.6 51.8#
 54 34.7 38.4 57.6#



#31
 Naphthalene
 Concen: 2.06 ng
 RT: 8.18 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF083921.D
 Acq: 18 Dec 2015 19:03

Tgt Ion: 128 Resp: 35095
 Ion Ratio Lower Upper
 128 100
 129 13.2 9.1 13.7
 127 18.7 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: BF083921.D

Acq: 18 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

LAR-9873

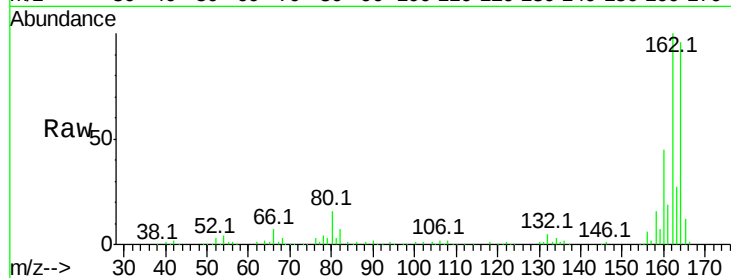
Tot Ion:164 Resp: 137811

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

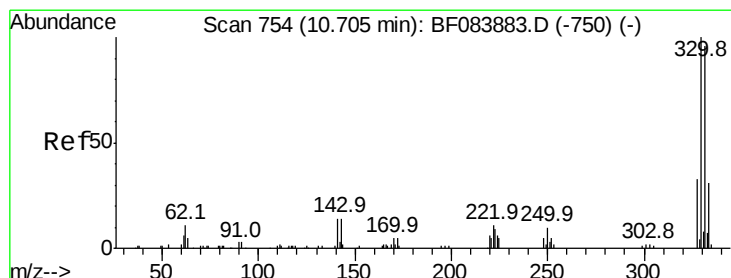
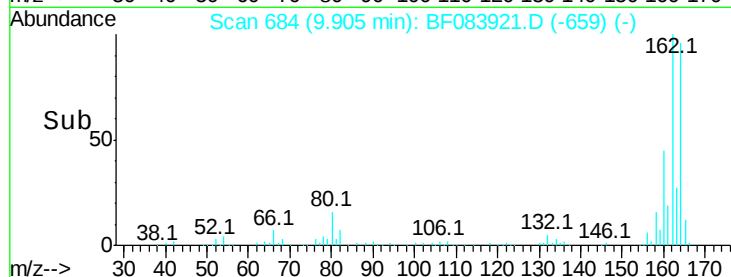
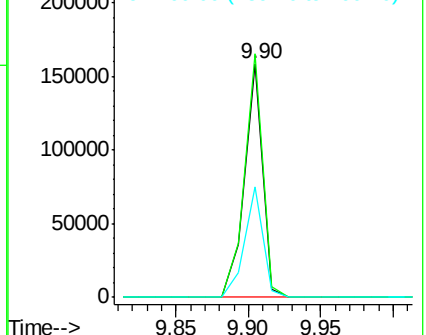
160 47.0 37.5 56.3



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: 0.44 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF083921.D

Acq: 18 Dec 2015 19:03

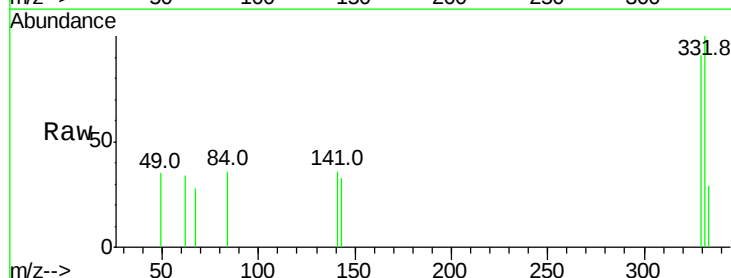
Tgt Ion:330 Resp: 670

Ion Ratio Lower Upper

330 100

332 109.7 76.6 114.8

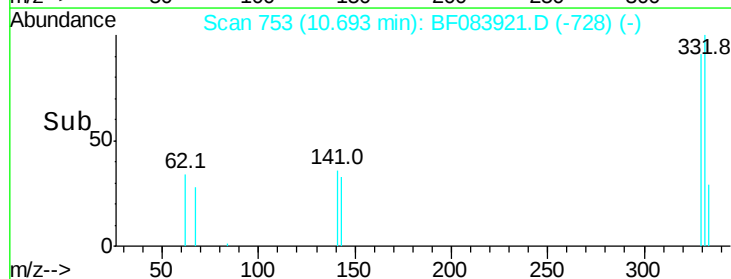
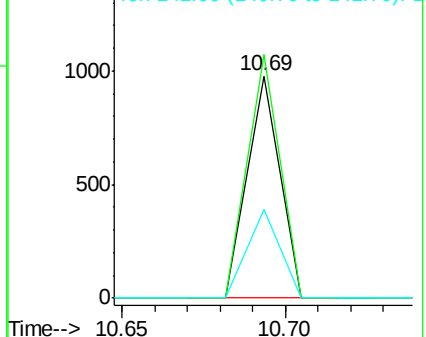
141 39.9 27.8 41.6

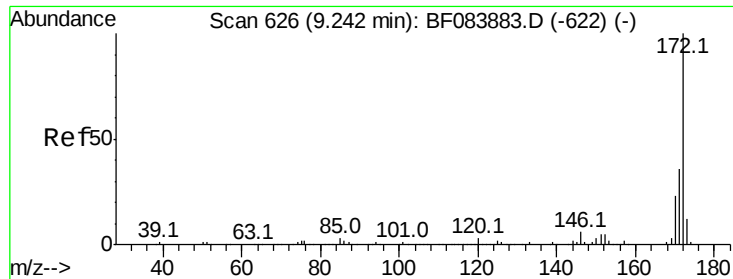


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

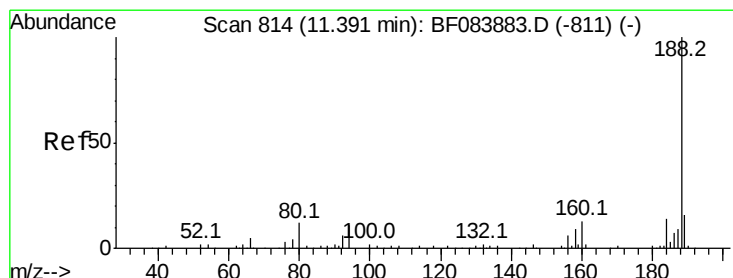
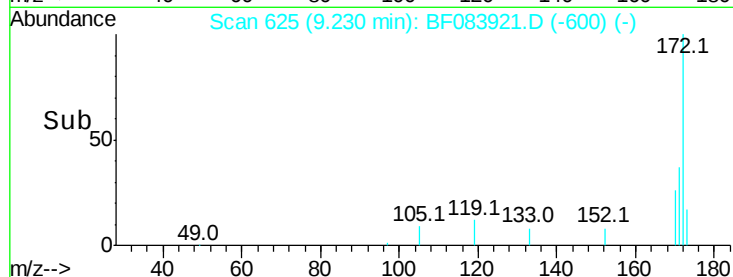
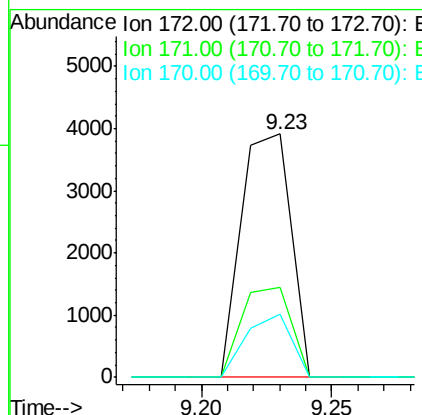
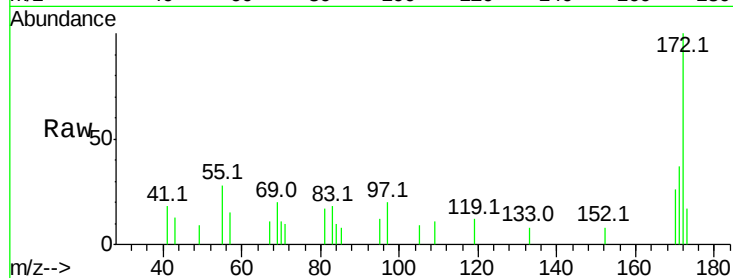




#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083921.D
 Acq: 18 Dec 2015 19:03

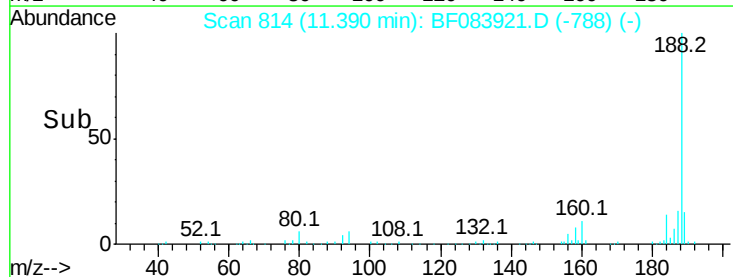
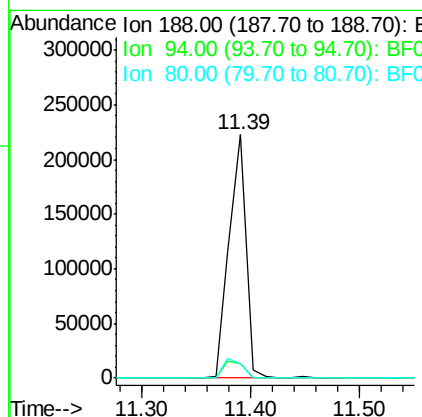
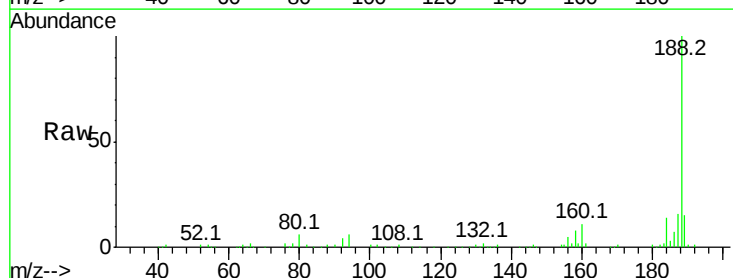
Instrument :
 BNA_F
 ClientSampled :
 LAR-9873

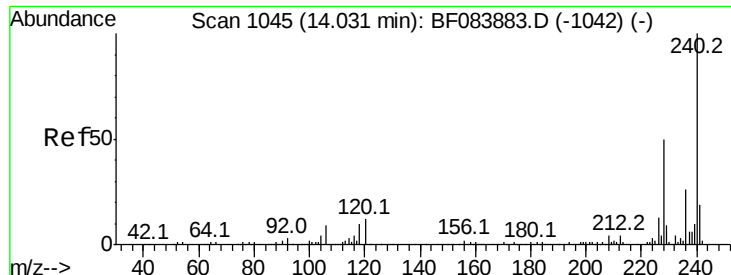
Tot Ion:172 Resp: 5250
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 26.1 18.6 27.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF083921.D
 Acq: 18 Dec 2015 19:03

Tgt Ion:188 Resp: 240060
 Ion Ratio Lower Upper
 188 100
 94 6.1 9.0 13.4#
 80 6.1 9.6 14.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF083921.D

Acq: 18 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

LAR-9873

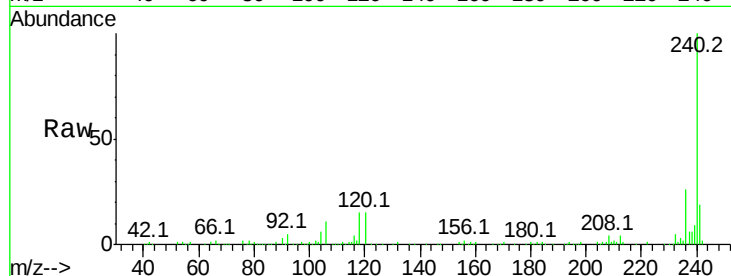
Tot Ion:240 Resp: 248974

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

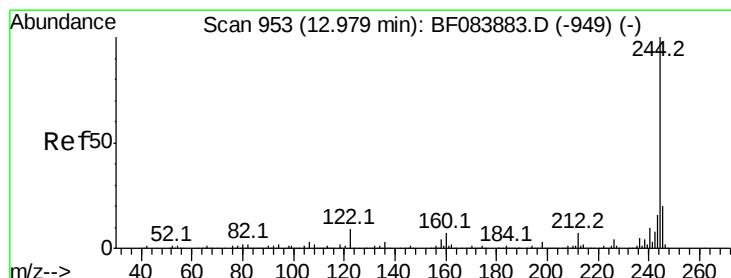
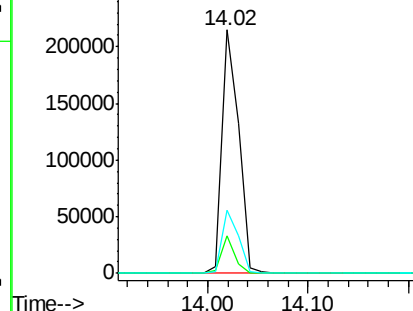
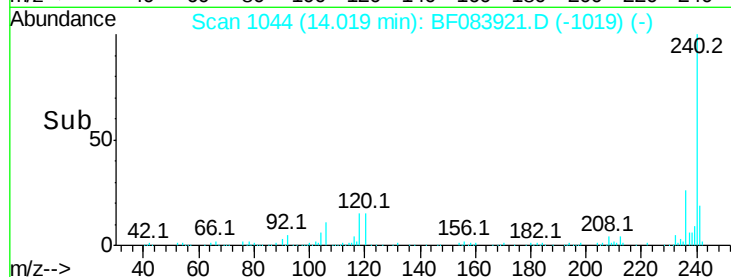
236 26.2 20.6 31.0



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: -6.07 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083921.D

Acq: 18 Dec 2015 19:03

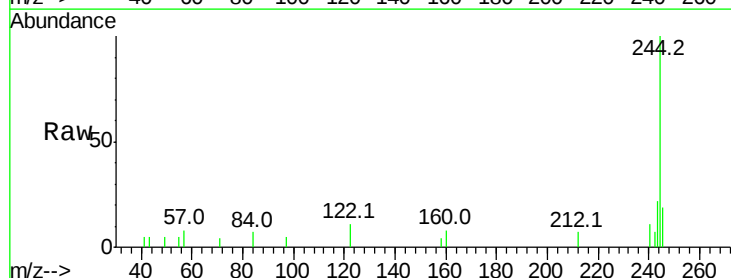
Tgt Ion:244 Resp: 6905

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

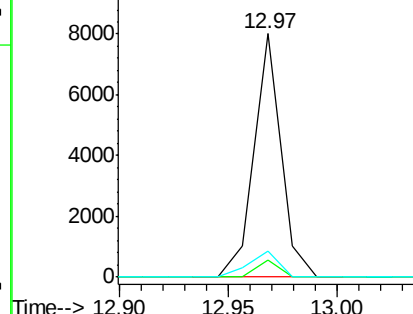
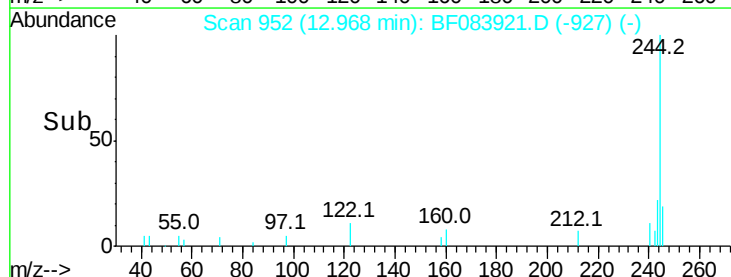
122 10.6 7.4 11.0

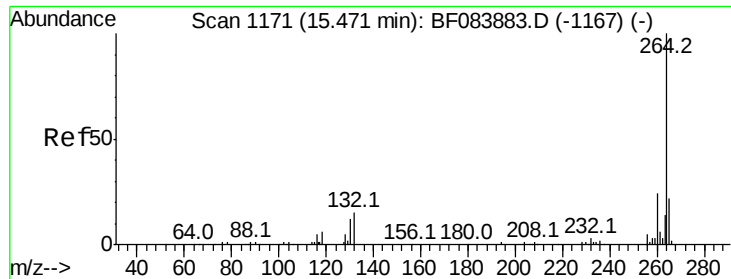


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

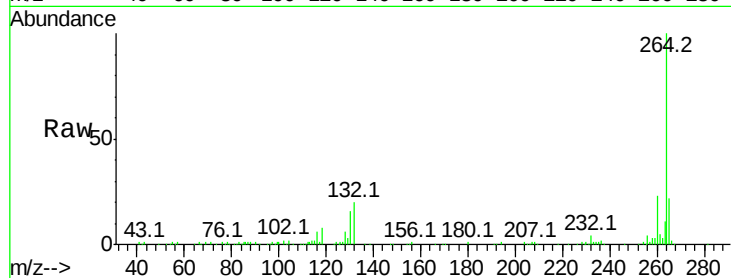




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083921.D
Acq: 18 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
LAR-9873

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.6	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

