

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083925.D
 Acq On : 18 Dec 2015 20:54
 Operator : UM/SJ
 Sample : G4821-01 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9877

Quant Time: Dec 19 04:47:20 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	52967	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	161641	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	134900	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	256664	20.00	ng	0.00
75) Chrysene-d12	14.02	240	257264	20.00	ng	-0.01
86) Perylene-d12	15.46	264	207869	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1934	0.57	ng	0.00
7) Phenol-d6	6.51	99	5106	1.23	ng	0.00
23) Nitrobenzene-d5	7.44	82	31552	11.14	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	606	0.41	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	4952	-1.00	ng	-0.02
78) Terphenyl-d14	12.97	244	6443	-6.14	ng	-0.01

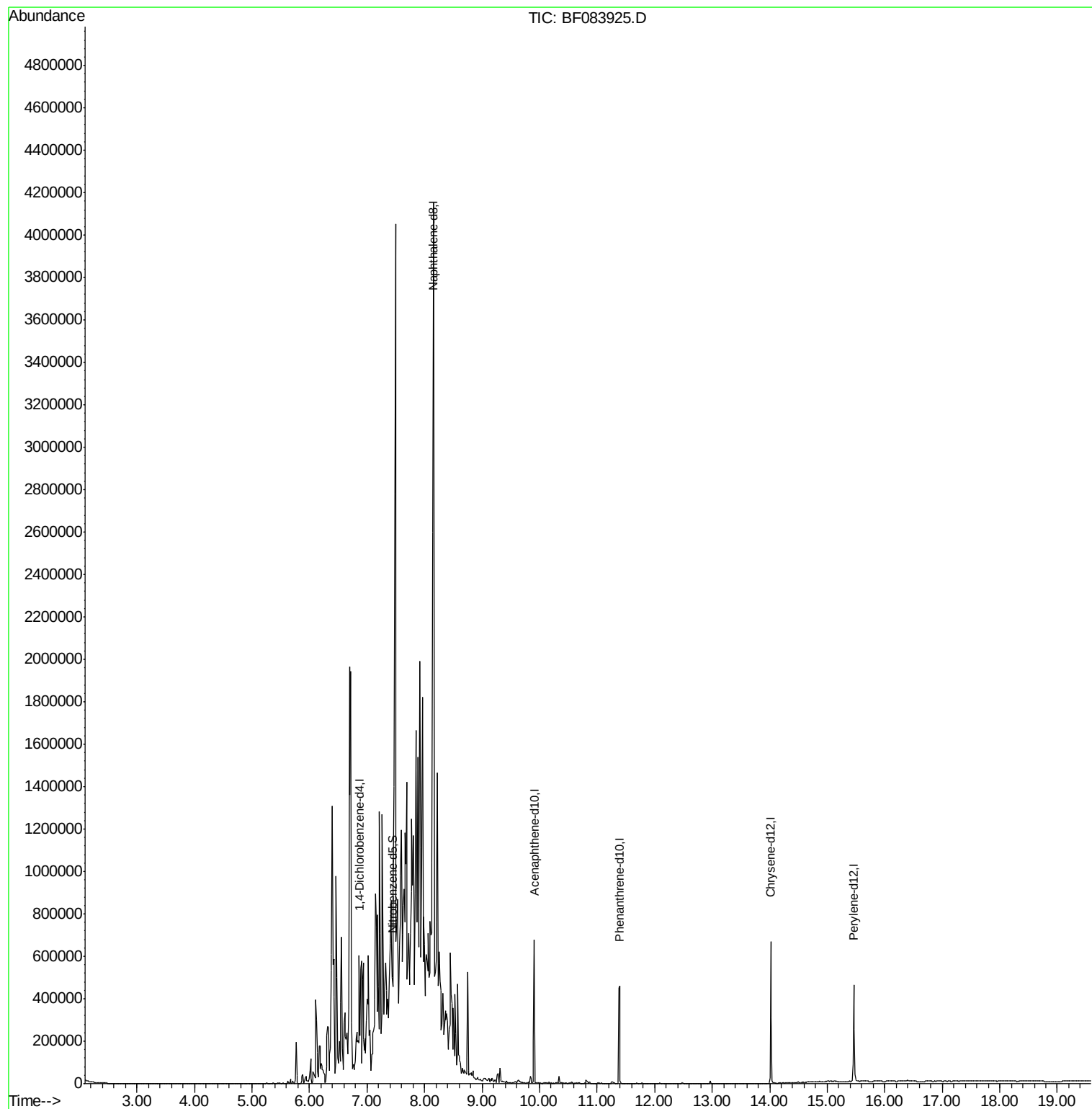
Target Compounds Qvalue

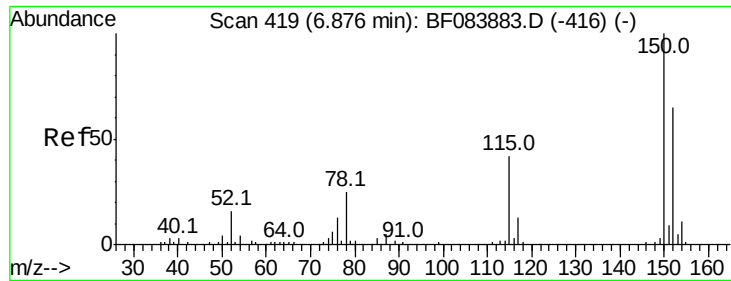
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083925.D
Acq On : 18 Dec 2015 20:54
Operator : UM/SJ
Sample : G4821-01 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Quant Time: Dec 19 04:47:20 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



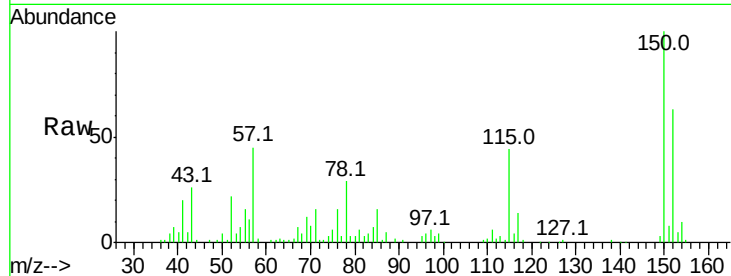


#1

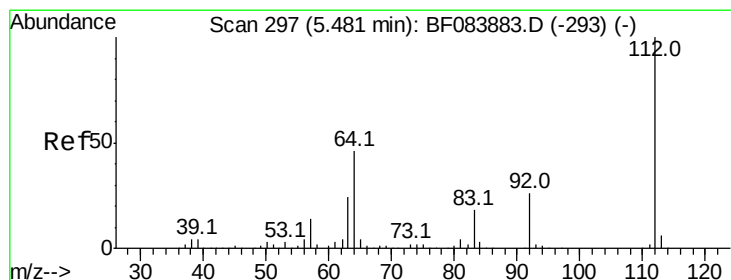
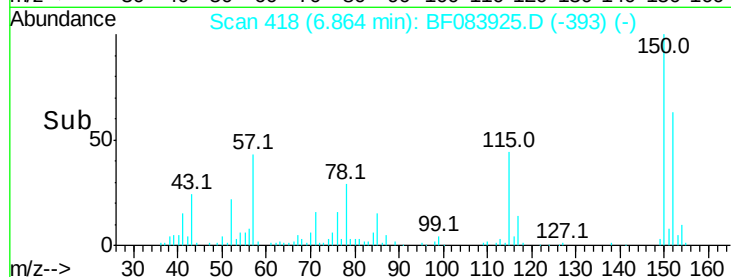
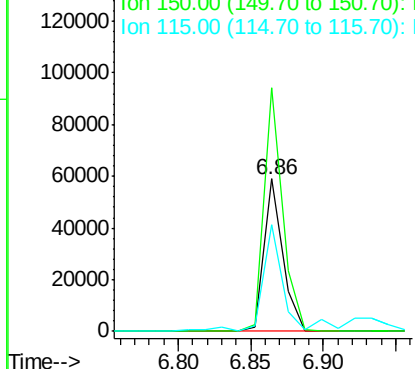
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF083925.D
 Acq: 18 Dec 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9877

Tot Ion:152 Resp: 52967
 Ion Ratio Lower Upper
 152 100
 150 159.8 123.0 184.4
 115 70.1 51.4 77.2



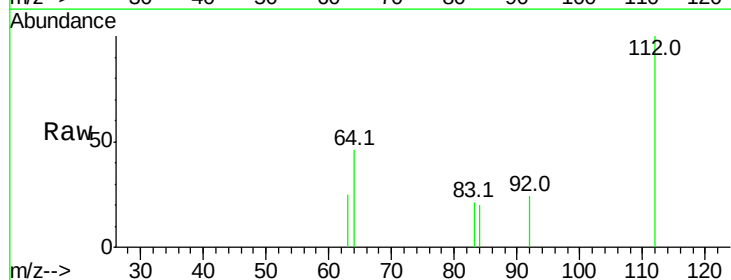
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



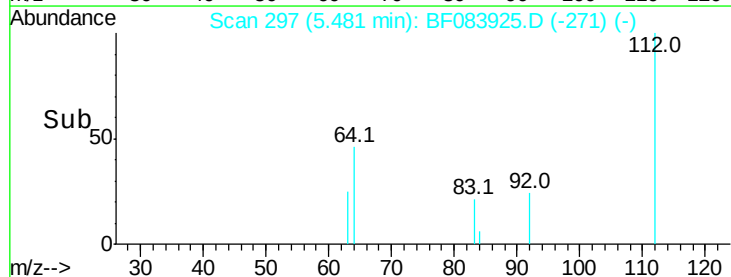
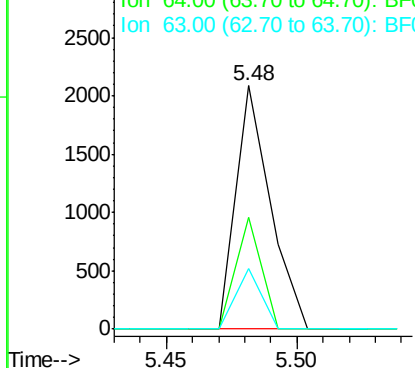
#5

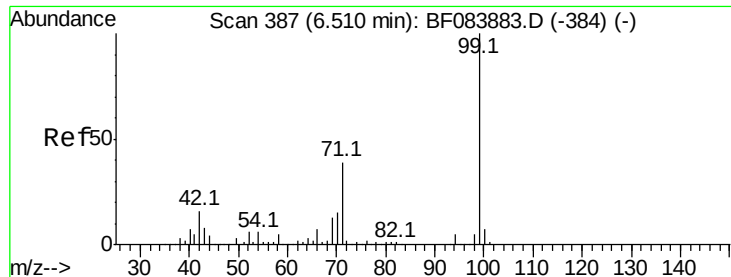
2-Fluorophenol
 Concen: 0.57 ng
 RT: 5.48 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: BF083925.D
 Acq: 18 Dec 2015 20:54

Tgt Ion:112 Resp: 1934
 Ion Ratio Lower Upper
 112 100
 64 46.0 36.6 55.0
 63 24.6 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: 1.23 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083925.D

Acq: 18 Dec 2015 20:54

Instrument :

BNA_F

ClientSampleId :

LAR-9877

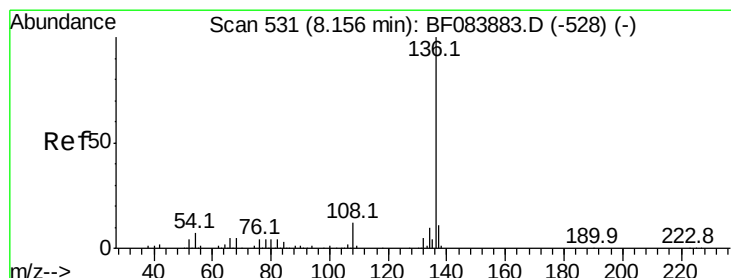
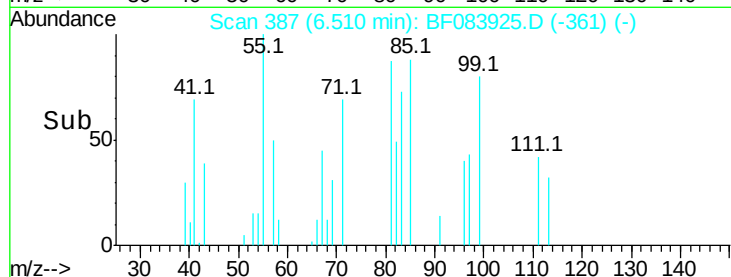
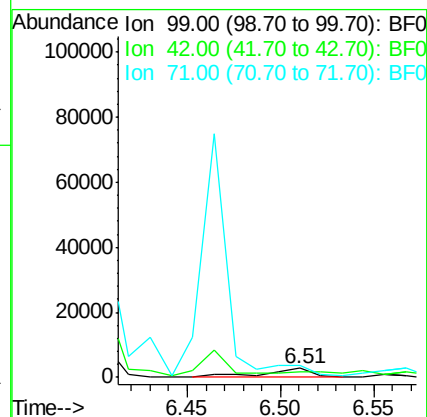
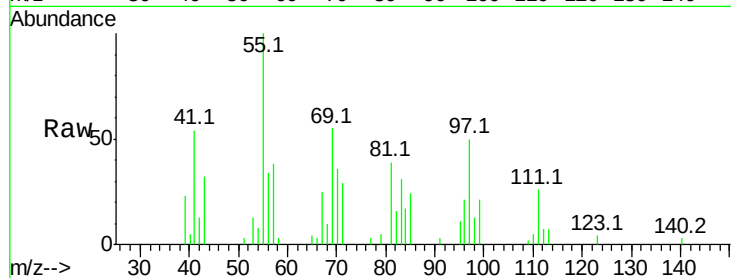
Tot Ion: 99 Resp: 5106

Ion Ratio Lower Upper

99 100

42 61.2 12.8 19.2#

71 139.4 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: BF083925.D

Acq: 18 Dec 2015 20:54

Tgt Ion: 136 Resp: 161641

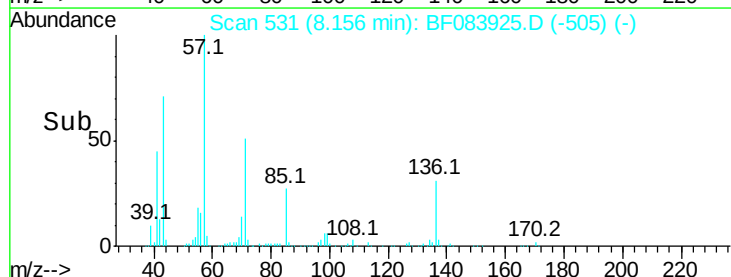
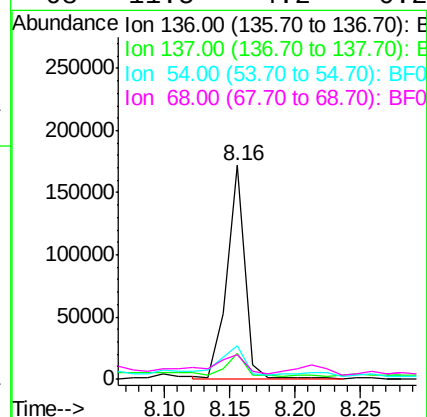
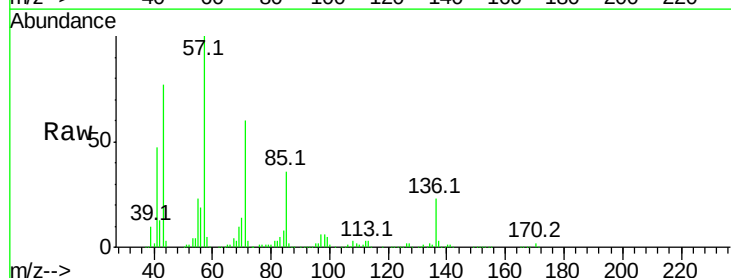
Ion Ratio Lower Upper

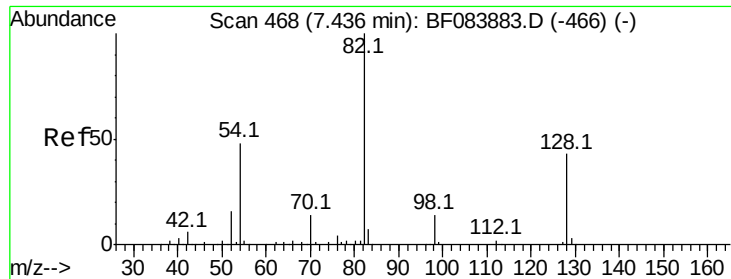
136 100

137 11.8 8.7 13.1

54 15.7 5.8 8.8#

68 11.5 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 11.14 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083925.D

Acq: 18 Dec 2015 20:54

Instrument :

BNA_F

ClientSampled :

LAR-9877

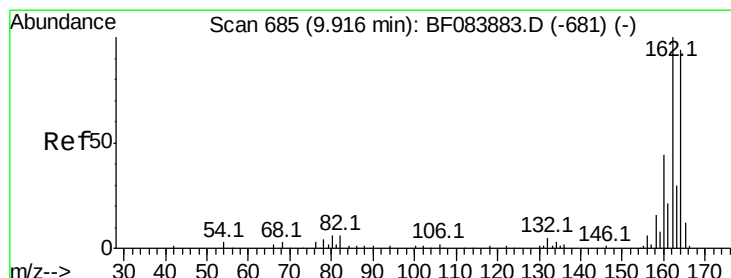
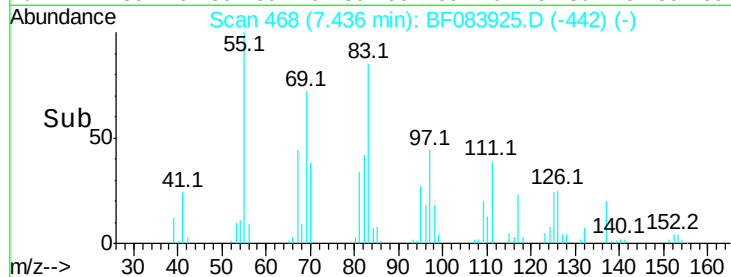
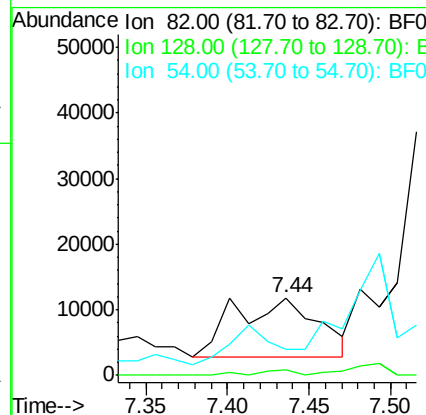
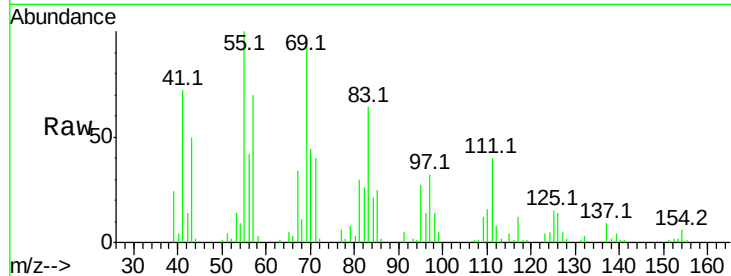
Tot Ion: 82 Resp: 31552

Ion Ratio Lower Upper

82 100

128 7.6 34.6 51.8#

54 34.2 38.4 57.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083925.D

Acq: 18 Dec 2015 20:54

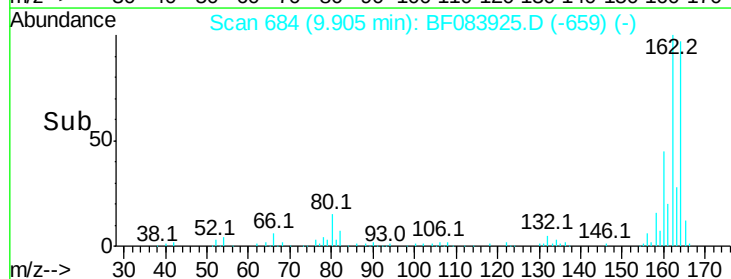
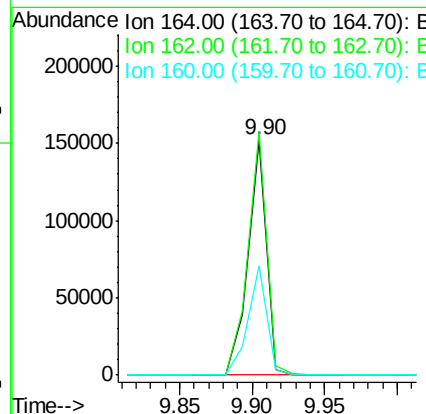
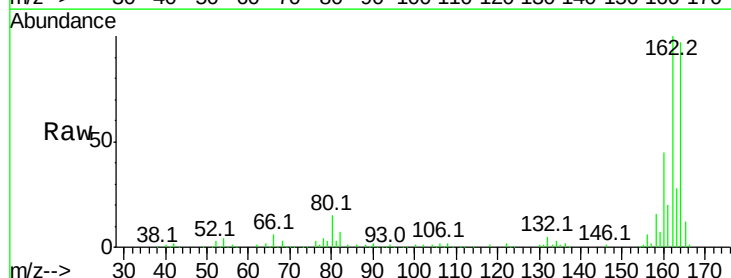
Tgt Ion:164 Resp: 134900

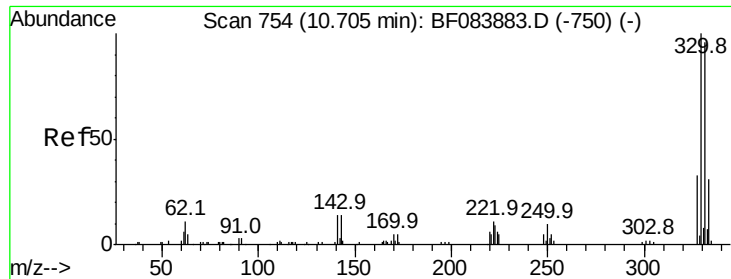
Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

160 46.3 37.5 56.3

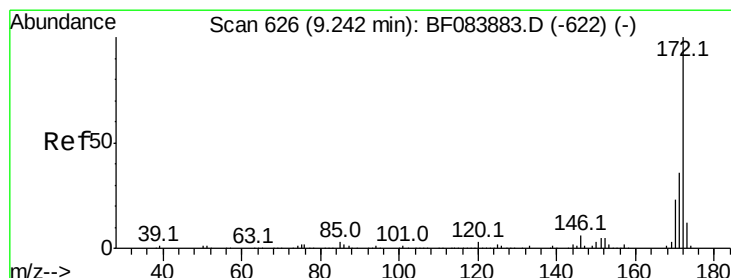
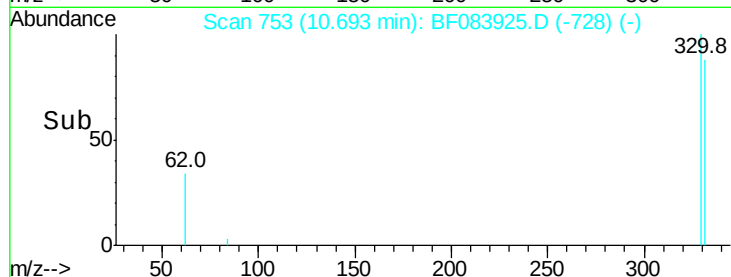
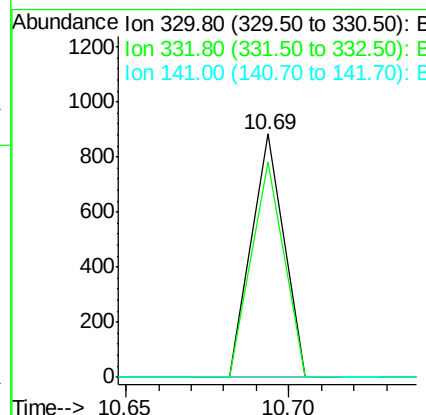
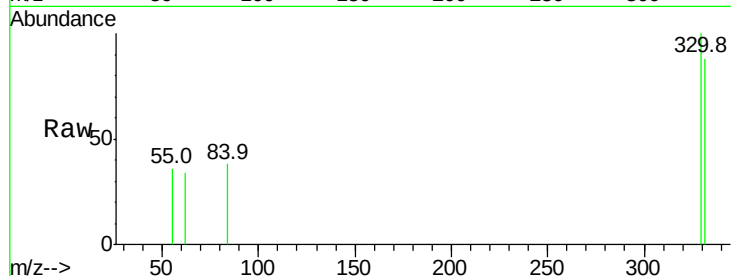




#41
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083925.D
 Acq: 18 Dec 2015 20:54

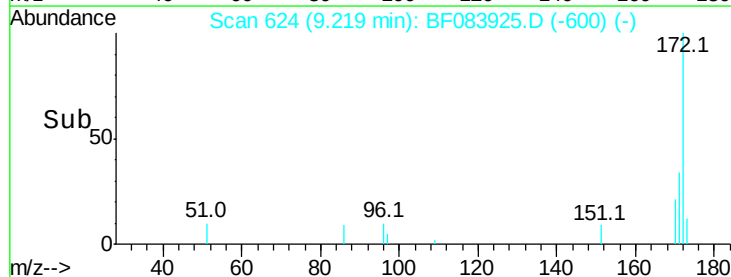
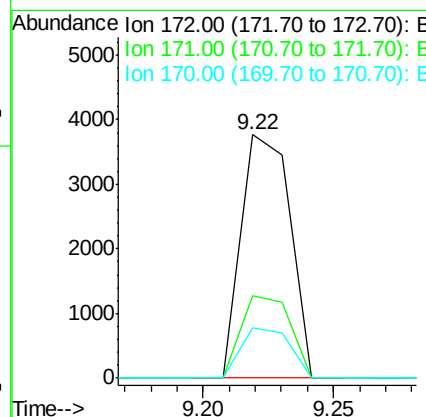
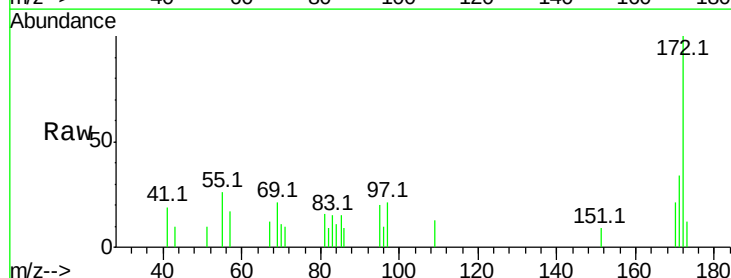
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9877

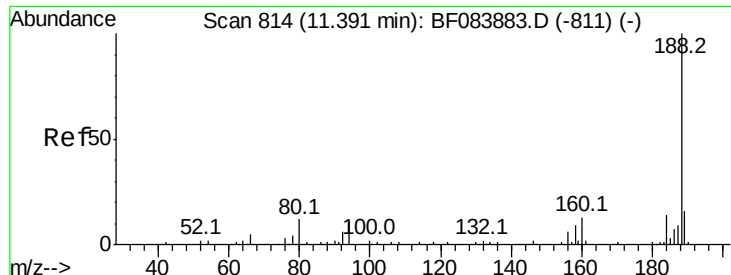
Tot Ion:330 Resp: 606
 Ion Ratio Lower Upper
 330 100
 332 88.4 76.6 114.8
 141 0.0 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083925.D
 Acq: 18 Dec 2015 20:54

Tgt Ion:172 Resp: 4952
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.9 43.3
 170 20.7 18.6 27.8

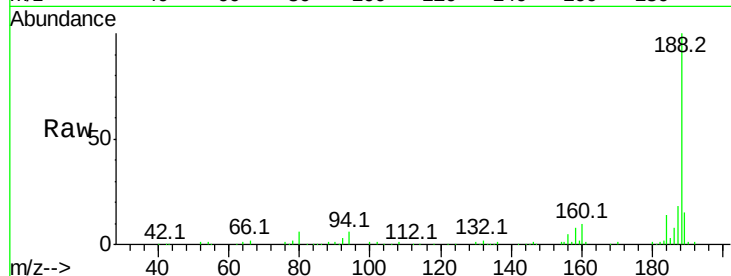




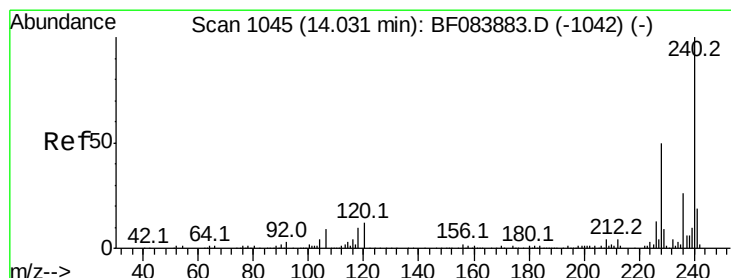
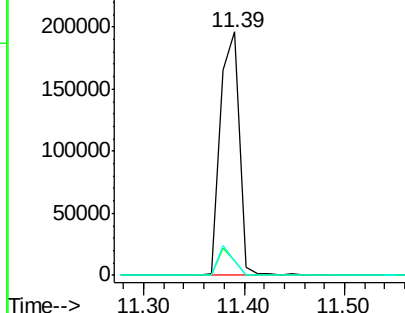
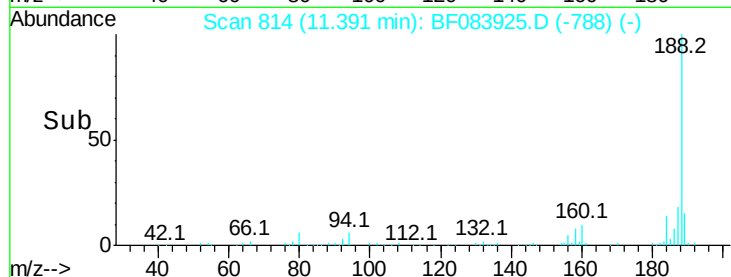
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampled :
LAR-9877

Tot Ion:188 Resp: 256664
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.4#
80 6.2 9.6 14.4#

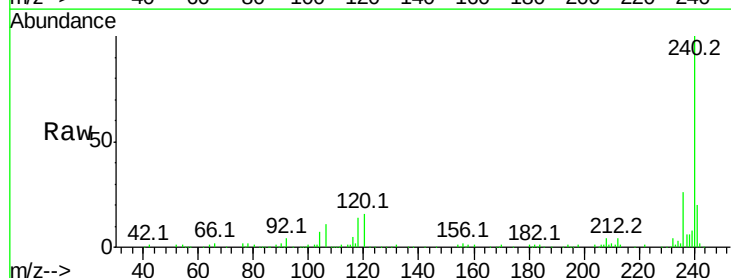


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

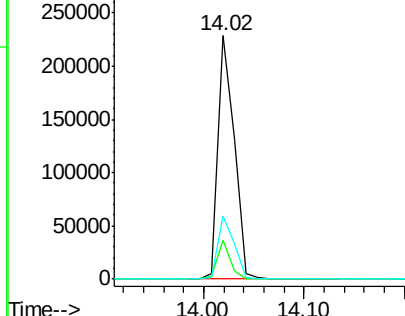
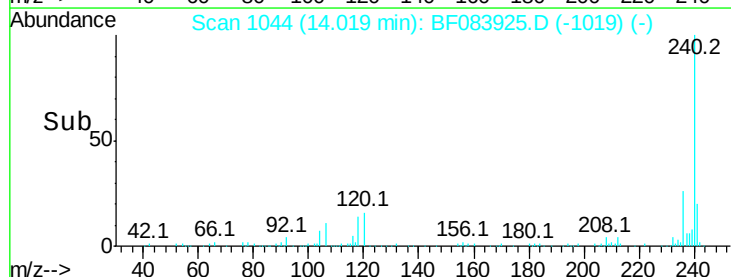


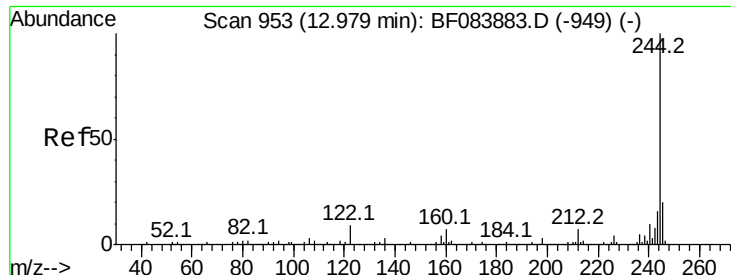
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:240 Resp: 257264
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 25.9 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: -6.14 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083925.D

Acq: 18 Dec 2015 20:54

Instrument :

BNA_F

ClientSampleId :

LAR-9877

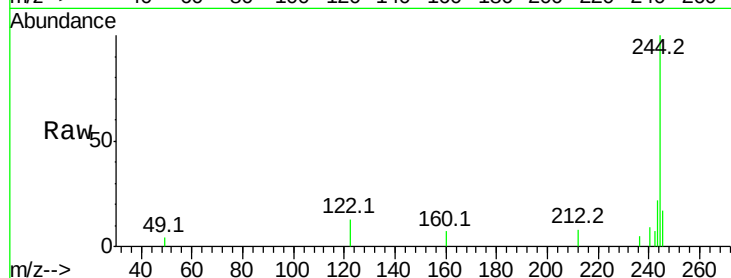
Tot Ion:244 Resp: 6443

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

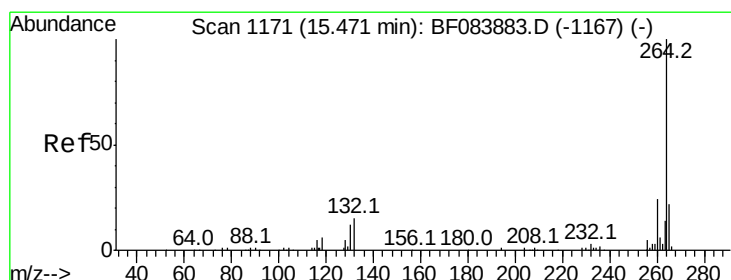
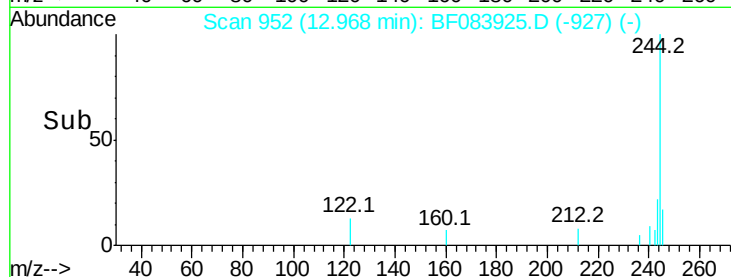
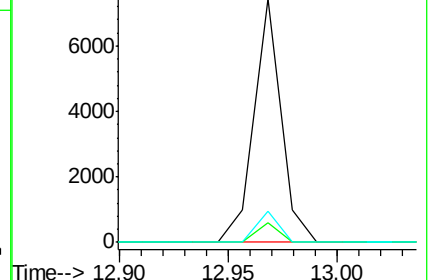
122 12.9 7.4 11.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF083925.D

Acq: 18 Dec 2015 20:54

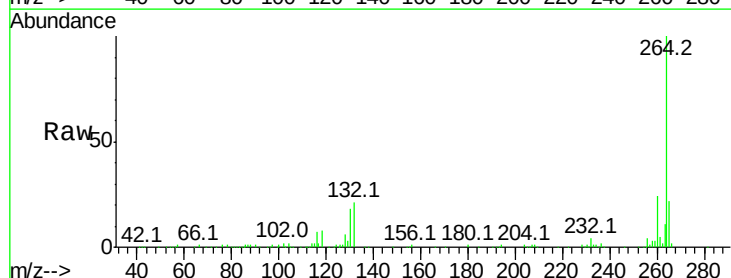
Tgt Ion:264 Resp: 207869

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.7 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

