

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083923.D
 Acq On : 18 Dec 2015 19:59
 Operator : UM/SJ
 Sample : G4819-01 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9875

Quant Time: Dec 19 04:42:09 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	66037	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	164267	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	134474	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	258583	20.00	ng	0.00
75) Chrysene-d12	14.02	240	254555	20.00	ng	-0.01
86) Perylene-d12	15.46	264	208360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2584	0.61	ng	0.00
7) Phenol-d6	6.51	99	5182	1.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	47189	16.40	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	621	0.42	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	4714	-1.00	ng	-0.02
78) Terphenyl-d14	12.97	244	6312	-6.14	ng	-0.01

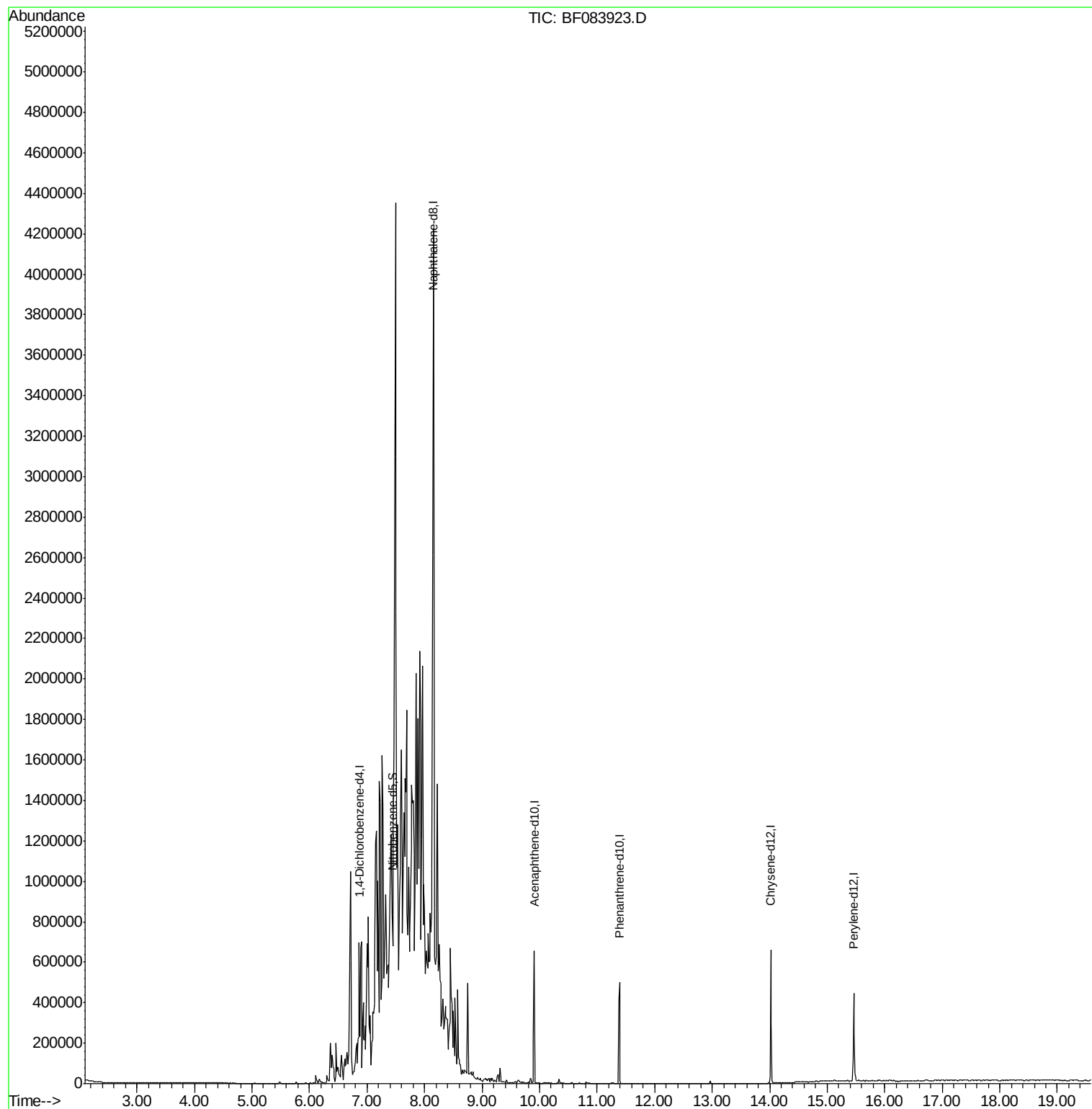
Target Compounds Qvalue

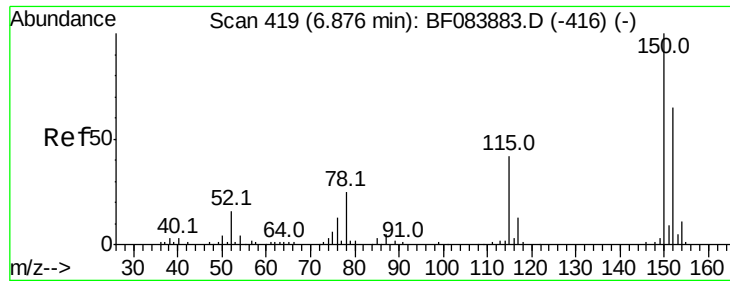
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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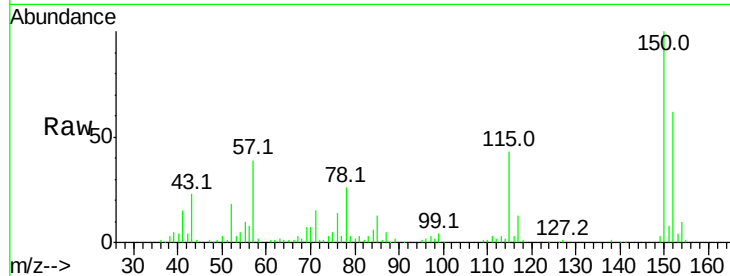


#1

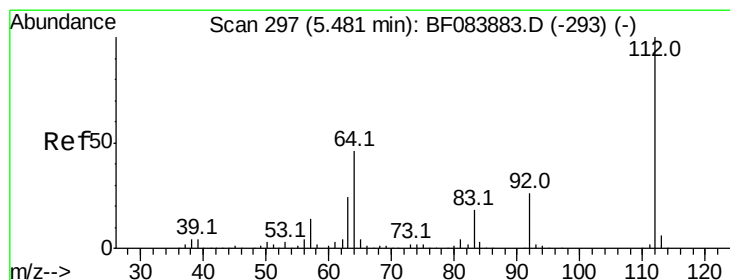
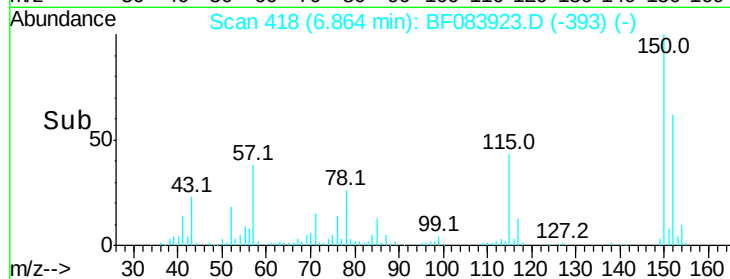
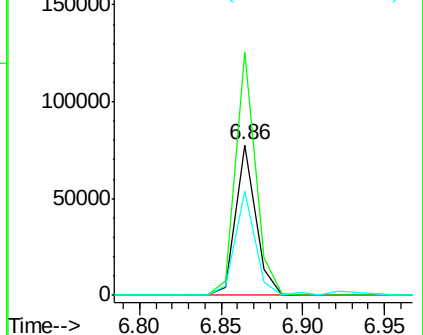
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tot Ion:152 Resp: 66037
Ion Ratio Lower Upper
152 100
150 161.8 123.0 184.4
115 68.9 51.4 77.2



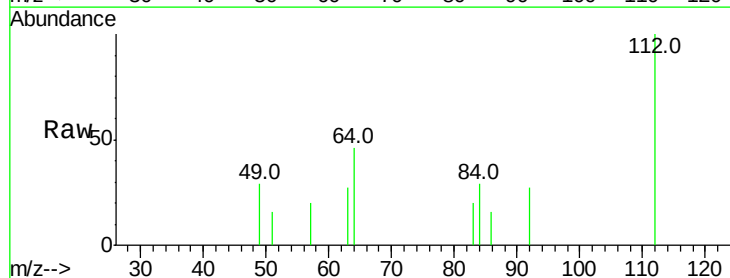
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



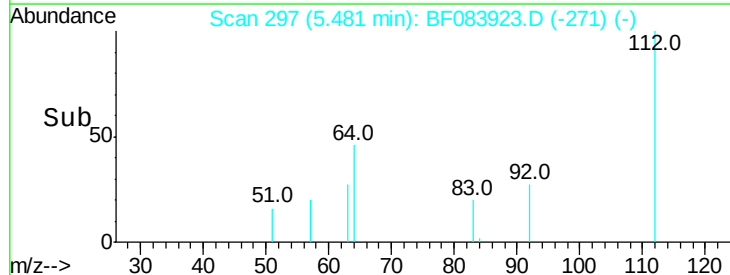
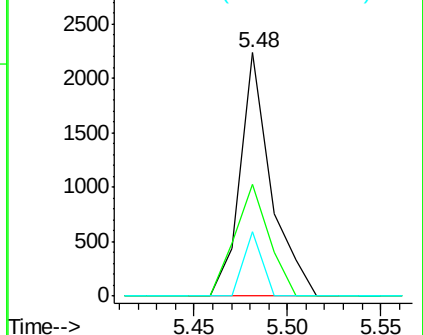
#5

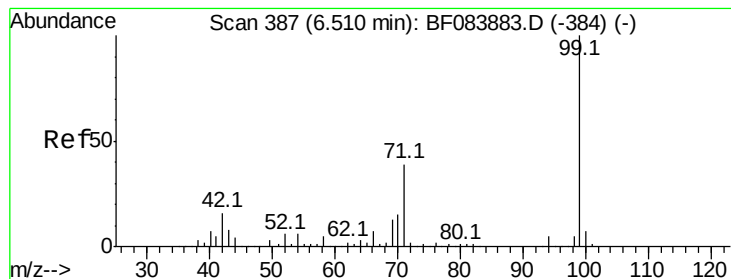
2-Fluorophenol
Concen: 0.61 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:112 Resp: 2584
Ion Ratio Lower Upper
112 100
64 45.8 36.6 55.0
63 26.6 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: 1.00 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083923.D

Acq: 18 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

LAR-9875

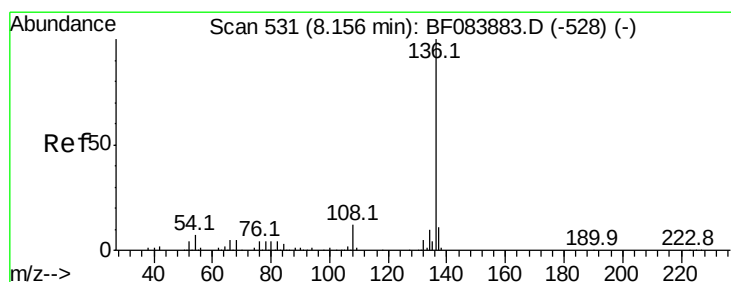
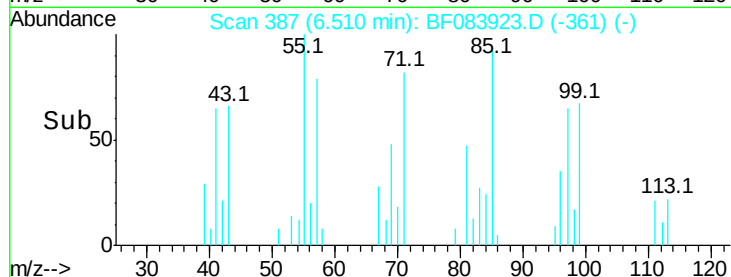
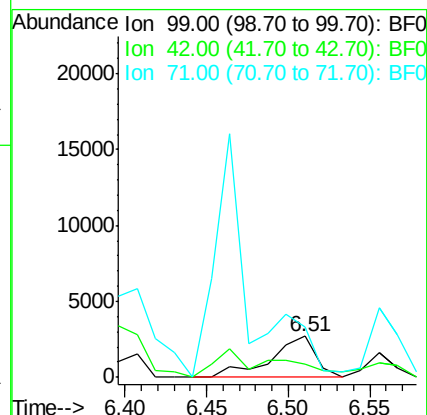
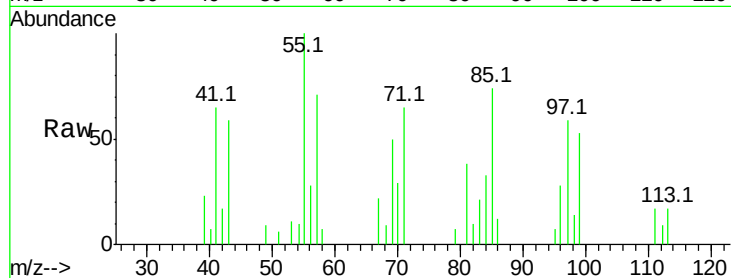
Tot Ion: 99 Resp: 5182

Ion Ratio Lower Upper

99 100

42 31.3 12.8 19.2#

71 122.4 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: BF083923.D

Acq: 18 Dec 2015 19:59

Tgt Ion: 136 Resp: 164267

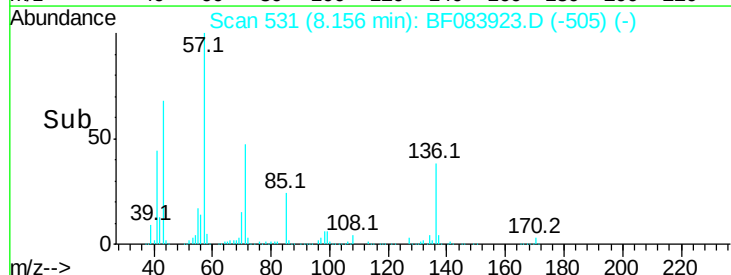
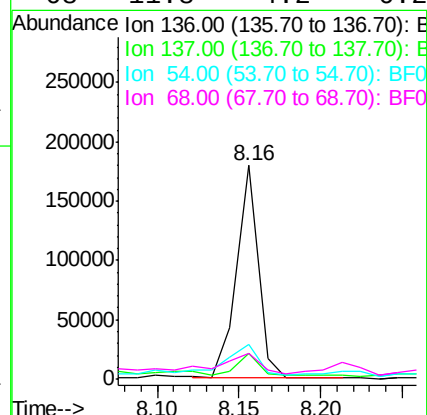
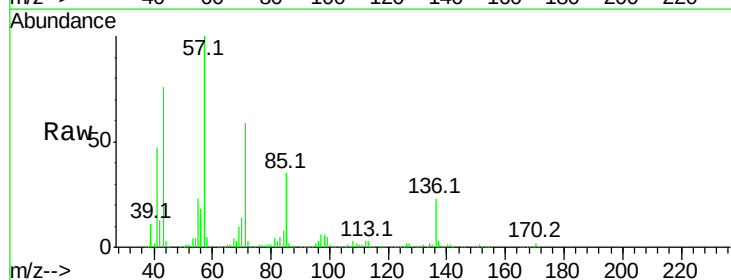
Ion Ratio Lower Upper

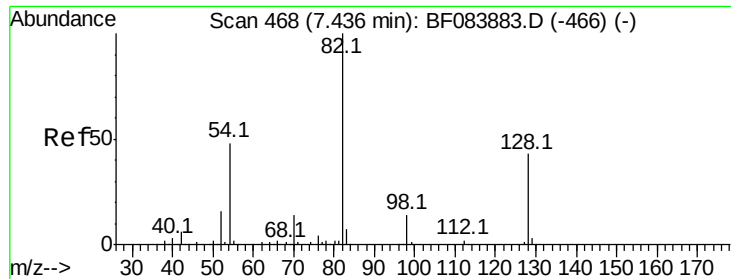
136 100

137 12.1 8.7 13.1

54 16.2 5.8 8.8#

68 11.8 4.2 6.2#

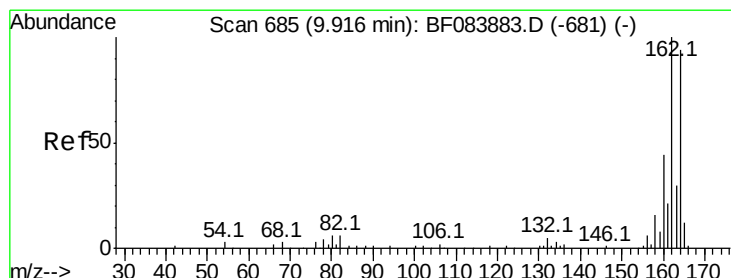
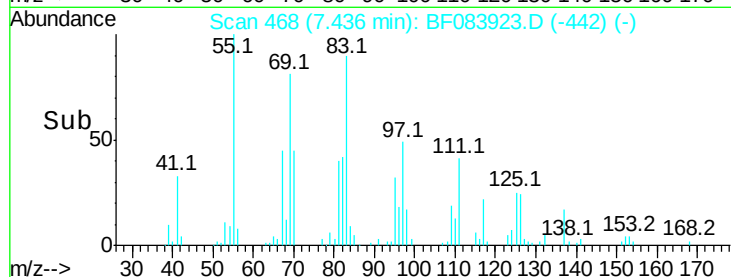
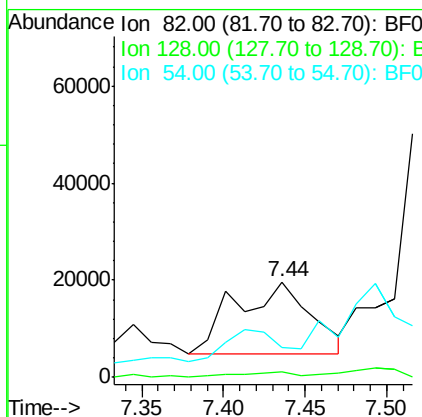
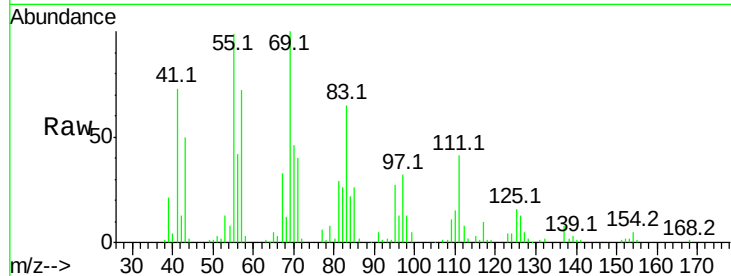




#23
 Nitrobenzene-d5
 Concen: 16.40 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083923.D
 Acq: 18 Dec 2015 19:59

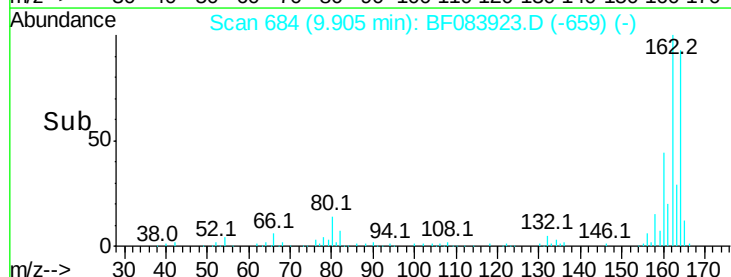
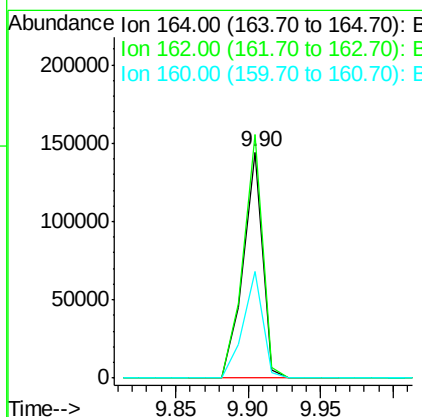
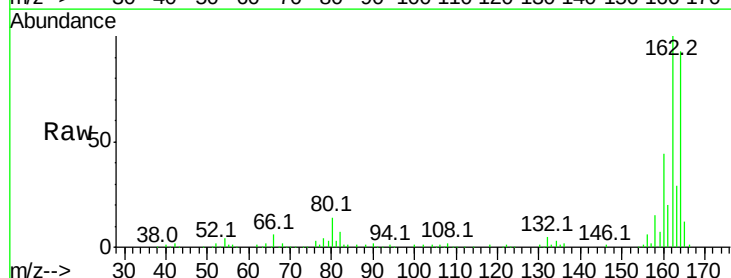
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9875

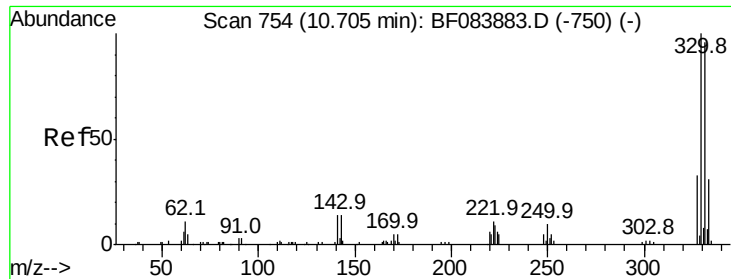
Tot Ion: 82 Resp: 47189
 Ion Ratio Lower Upper
 82 100
 128 5.9 34.6 51.8#
 54 30.9 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083923.D
 Acq: 18 Dec 2015 19:59

Tgt Ion:164 Resp: 134474
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.1 127.7
 160 47.3 37.5 56.3

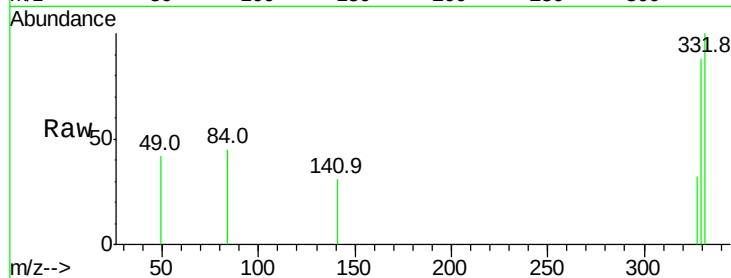




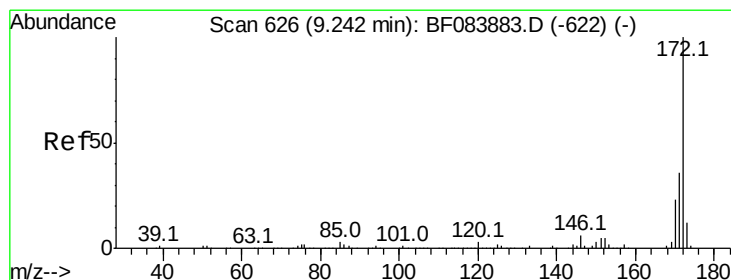
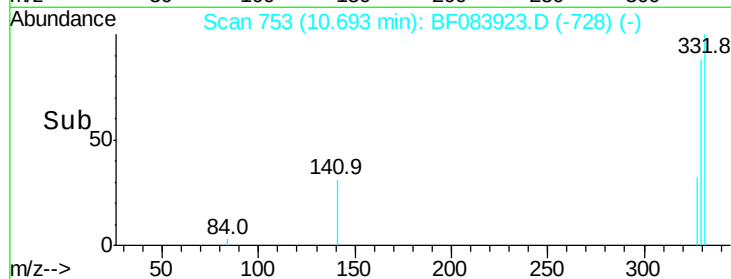
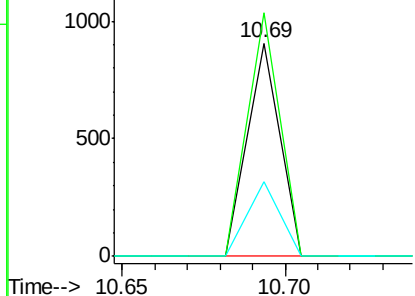
#41
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083923.D
 Acq: 18 Dec 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9875

Tot Ion:330 Resp: 621
 Ion Ratio Lower Upper
 330 100
 332 114.3 76.6 114.8
 141 34.9 27.8 41.6

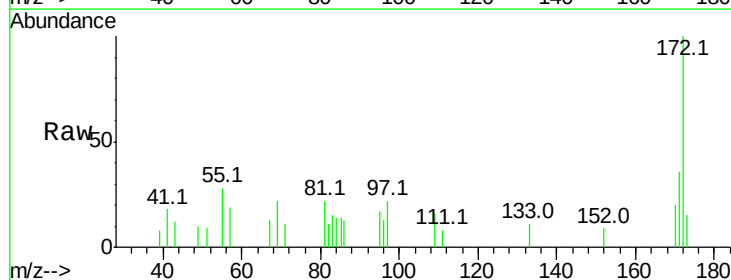


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

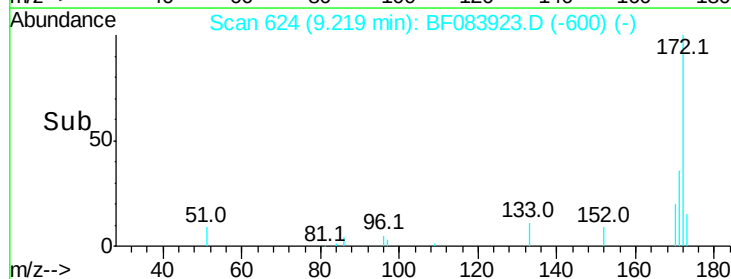
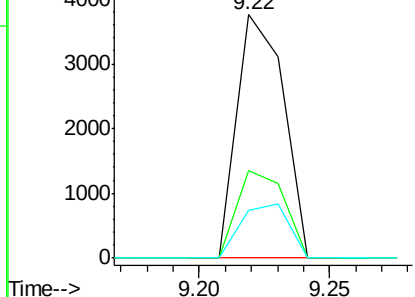


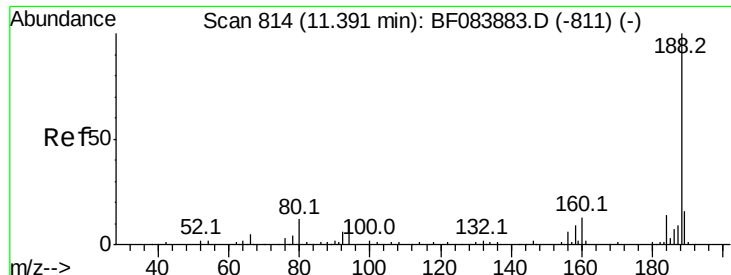
#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083923.D
 Acq: 18 Dec 2015 19:59

Tgt Ion:172 Resp: 4714
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 19.7 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

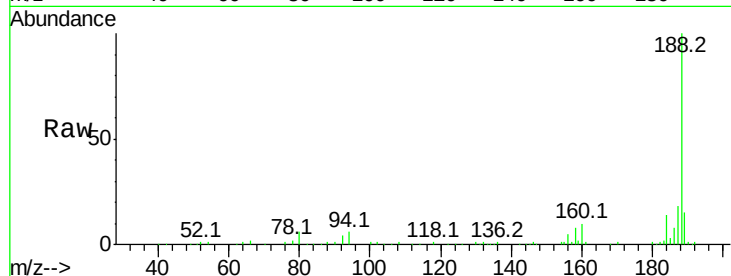




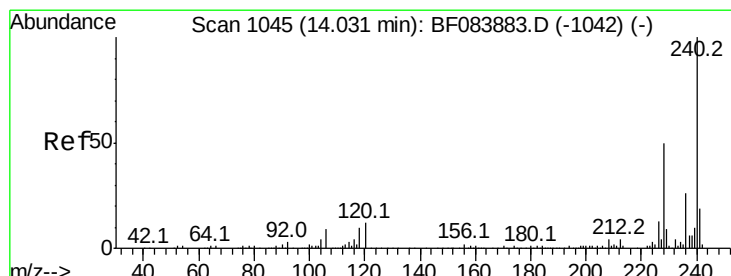
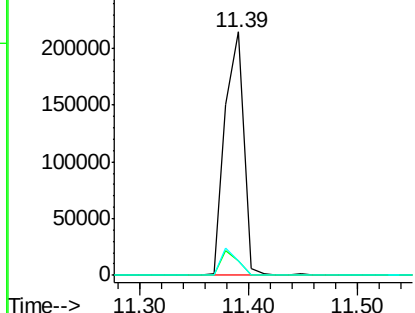
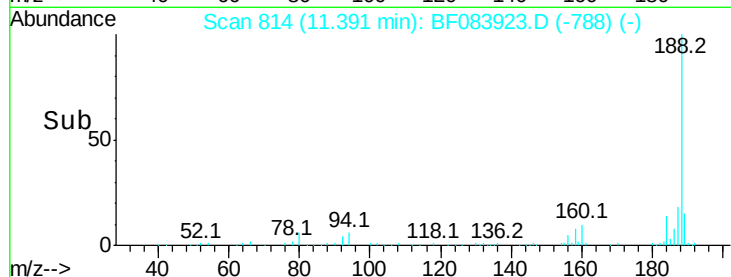
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	6.0	9.6	14.4#

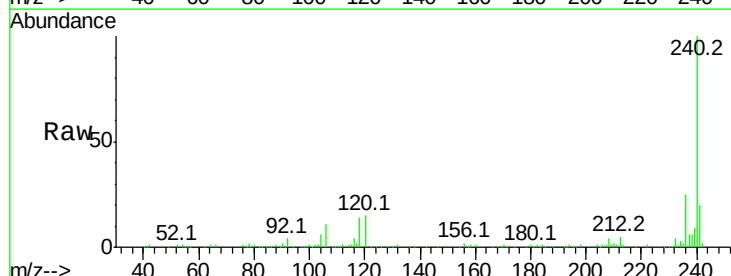


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

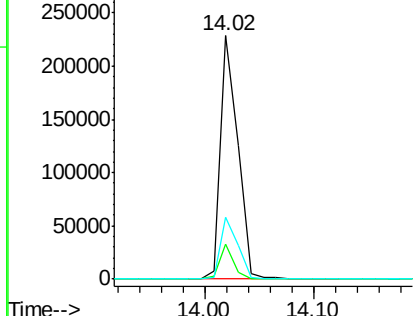
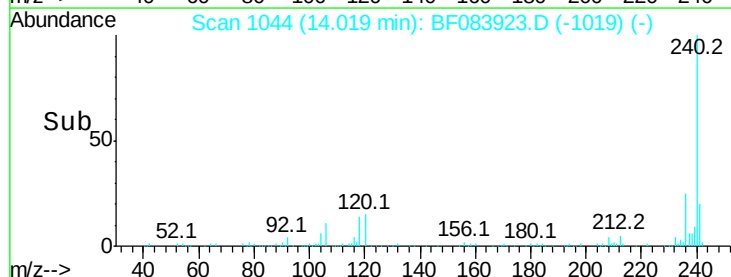


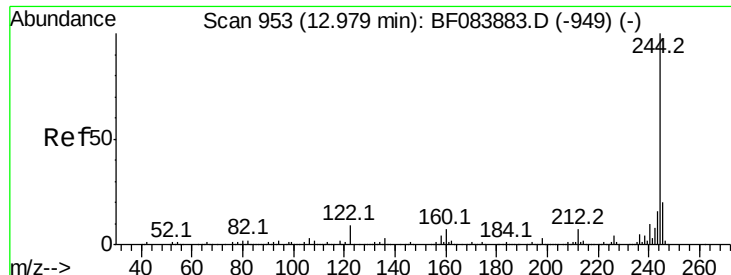
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.3	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: BF083923.D

Acq: 18 Dec 2015 19:59

Instrument :

BNA_F

ClientSampleId :

LAR-9875

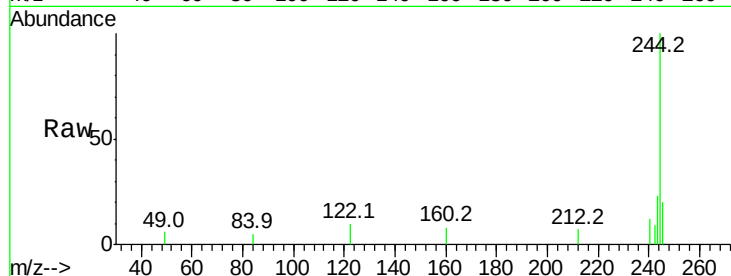
Tot Ion:244 Resp: 6312

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

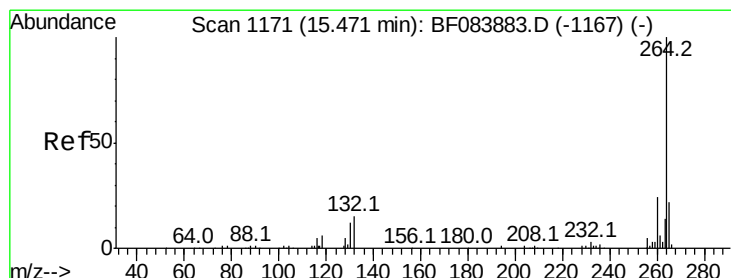
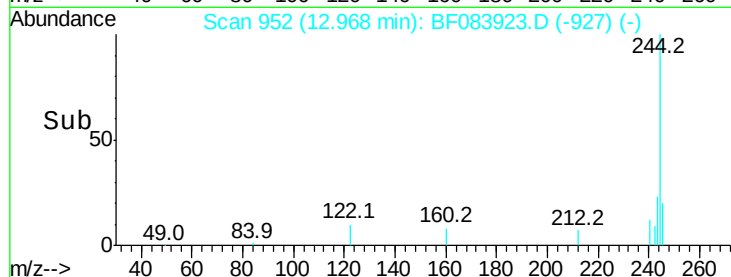
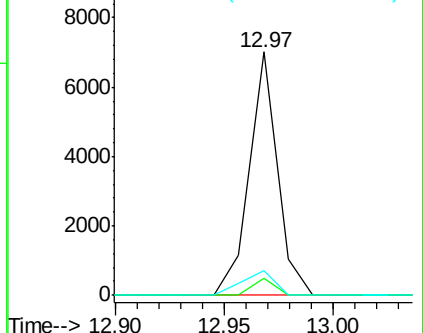
122 9.9 7.4 11.0



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: BF083923.D

Acq: 18 Dec 2015 19:59

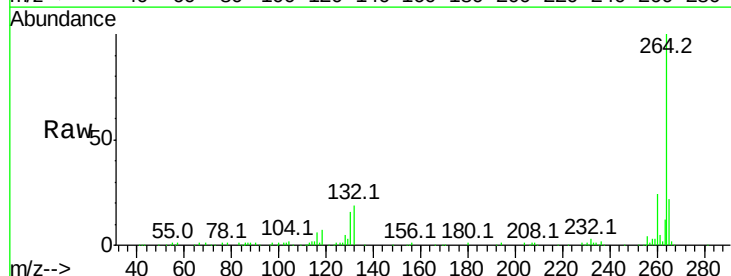
Tgt Ion:264 Resp: 208360

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.9 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

