

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083919.D
 Acq On : 18 Dec 2015 18:08
 Operator : UM/SJ
 Sample : G4815-01 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9871

Quant Time: Dec 19 04:35:58 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	65211	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	153539	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	134249	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	245343	20.00	ng	0.00
75) Chrysene-d12	14.02	240	247163	20.00	ng	-0.01
86) Perylene-d12	15.46	264	195917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2314	0.56	ng	0.00
7) Phenol-d6	6.51	99	7156	1.40	ng	0.00
23) Nitrobenzene-d5	7.41	82	23423	8.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	680	0.46	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	4576	-1.00	ng	-0.01
78) Terphenyl-d14	12.97	244	6105	-6.15	ng	-0.01

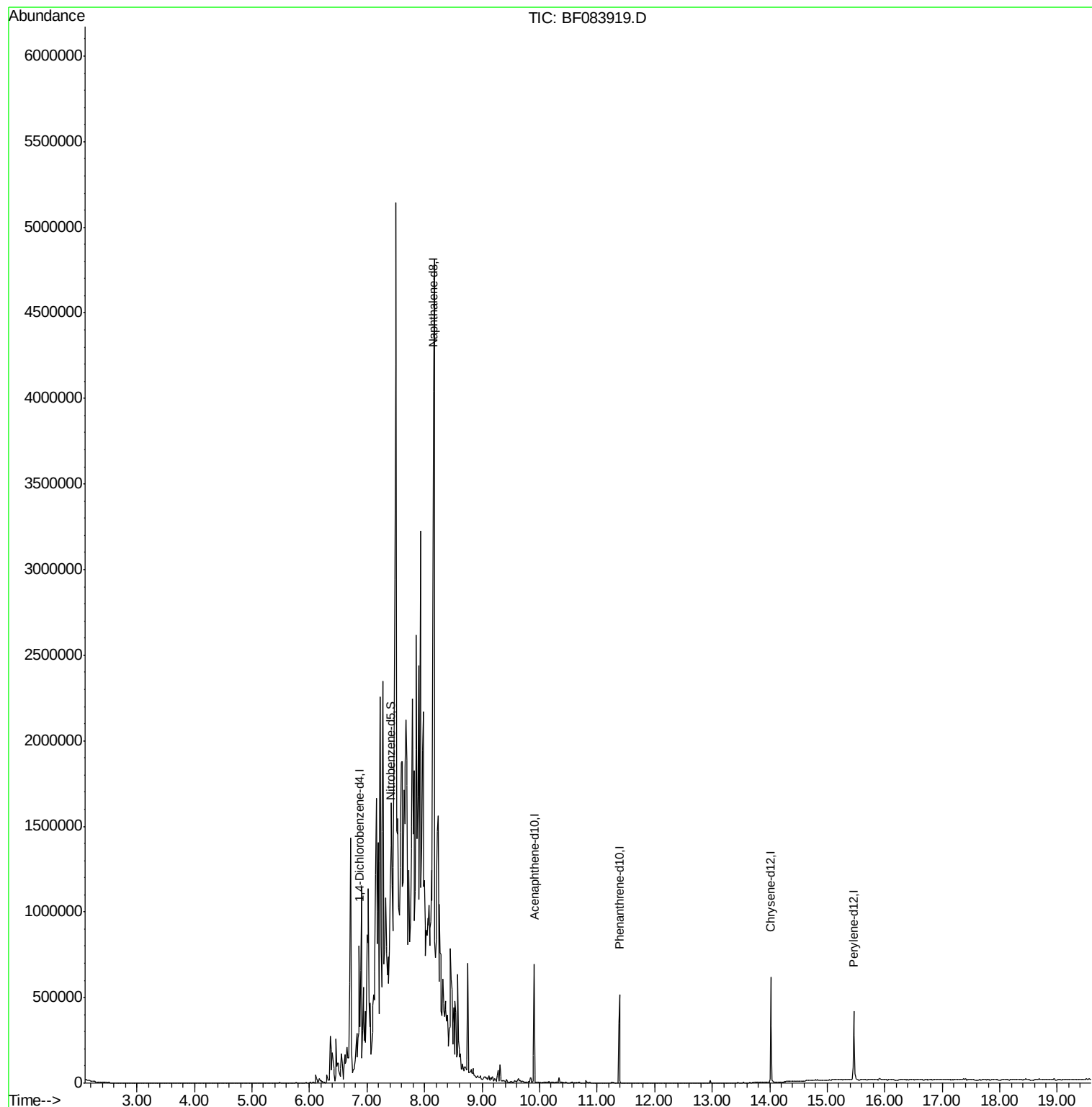
Target Compounds Qvalue

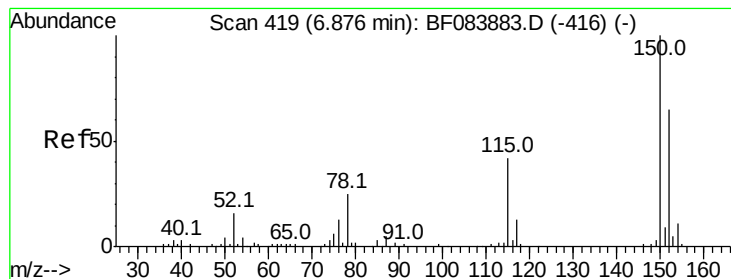
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083919.D

Acq: 18 Dec 2015 18:08

Instrument :

BNA_F

ClientSampleId :

LAR-9871

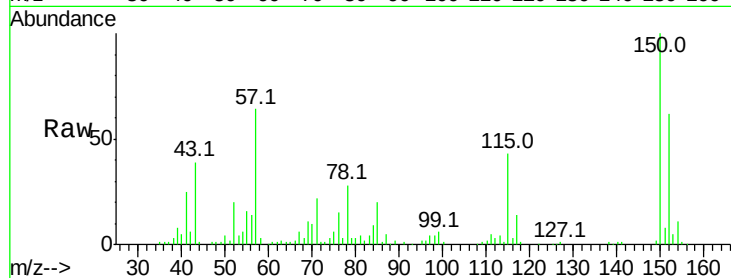
Tot Ion:152 Resp: 65211

Ion Ratio Lower Upper

152 100

150 160.6 123.0 184.4

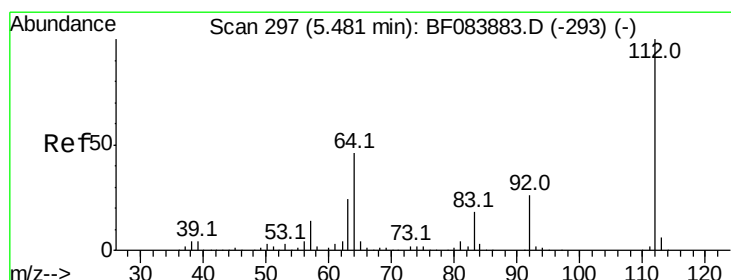
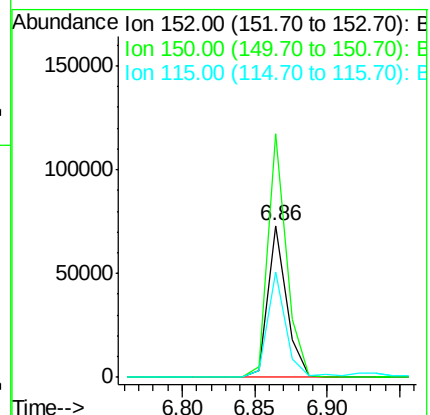
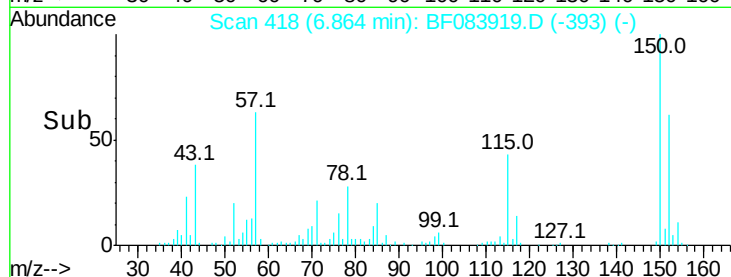
115 69.3 51.4 77.2



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: 0.56 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083919.D

Acq: 18 Dec 2015 18:08

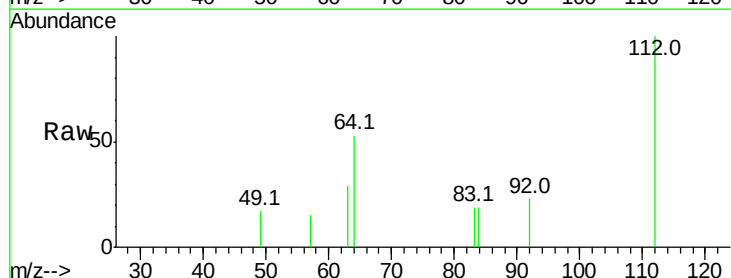
Tgt Ion:112 Resp: 2314

Ion Ratio Lower Upper

112 100

64 53.4 36.6 55.0

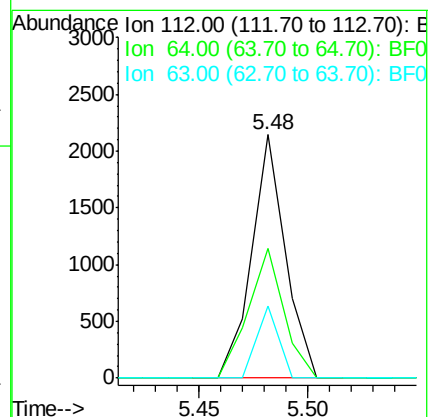
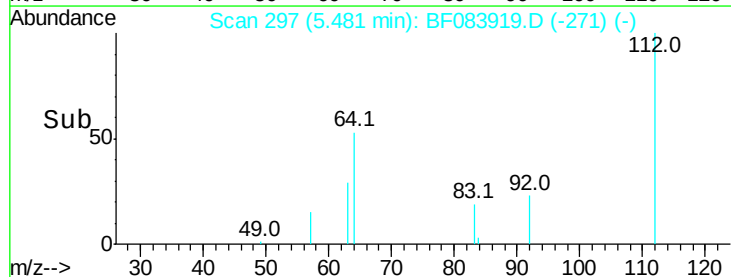
63 29.4 19.4 29.0#

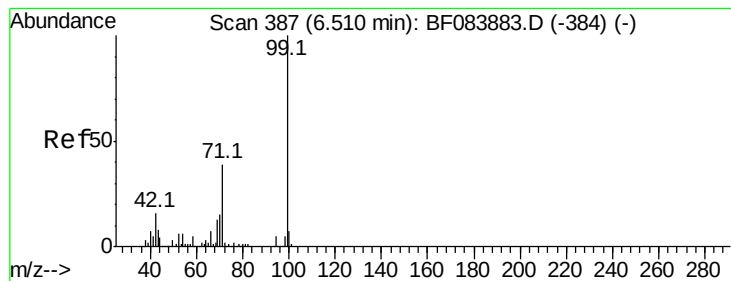


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.40 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083919.D

Acq: 18 Dec 2015 18:08

Instrument :

BNA_F

ClientSampleId :

LAR-9871

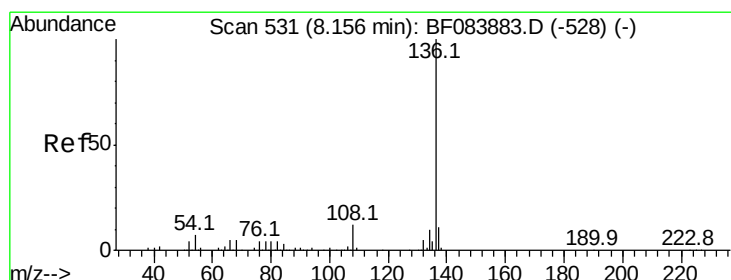
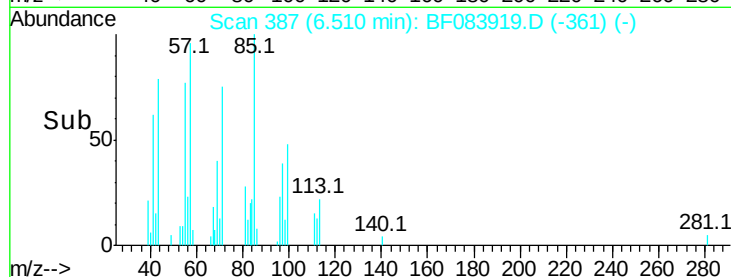
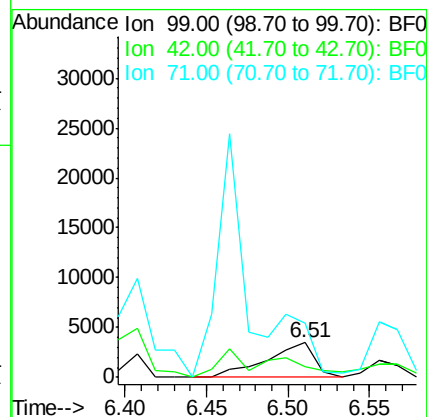
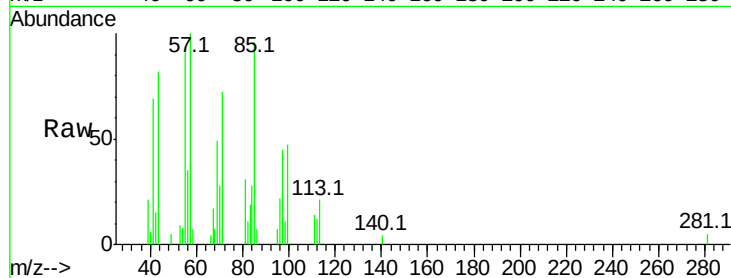
Tot Ion: 99 Resp: 7156

Ion Ratio Lower Upper

99 100

42 31.8 12.8 19.2#

71 154.3 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: BF083919.D

Acq: 18 Dec 2015 18:08

Tgt Ion: 136 Resp: 153539

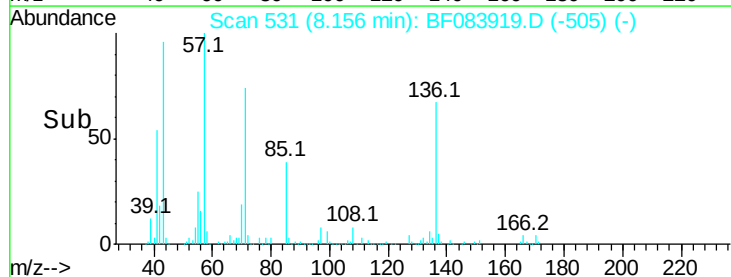
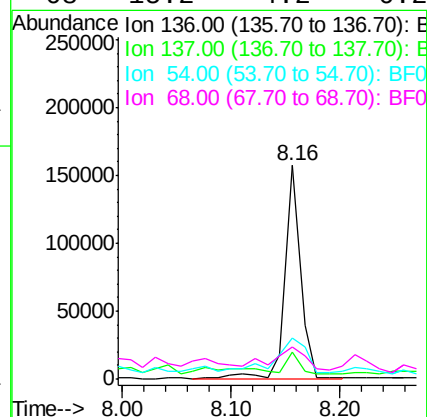
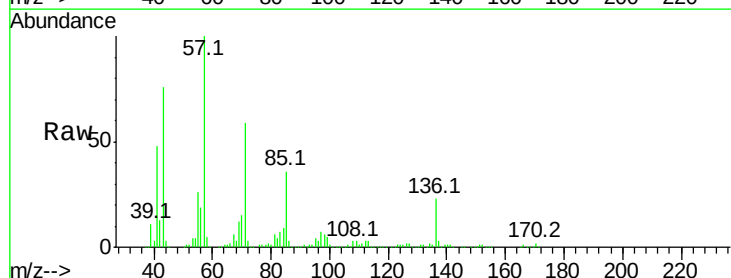
Ion Ratio Lower Upper

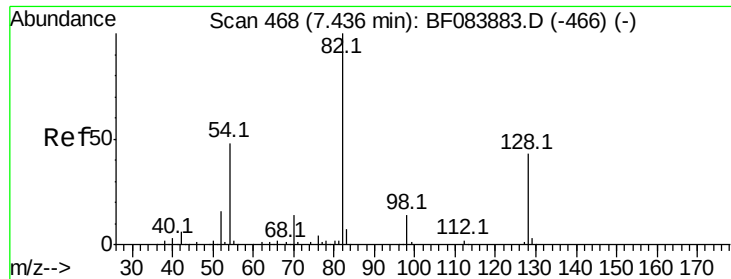
136 100

137 12.7 8.7 13.1

54 19.1 5.8 8.8#

68 15.2 4.2 6.2#

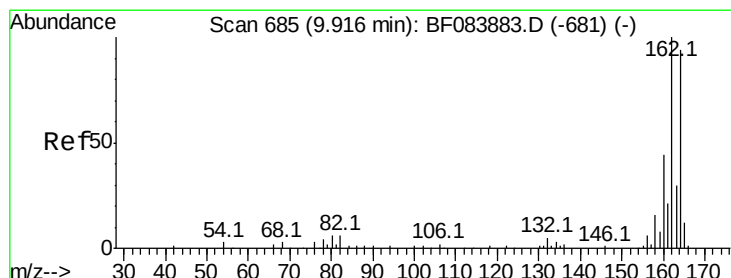
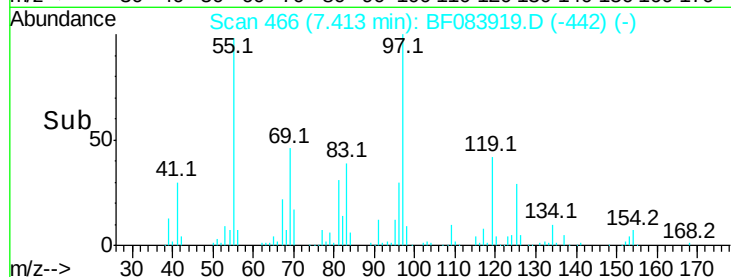
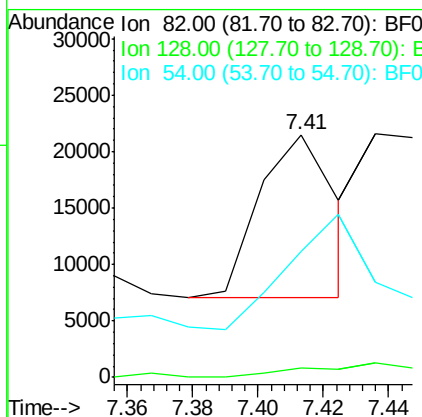
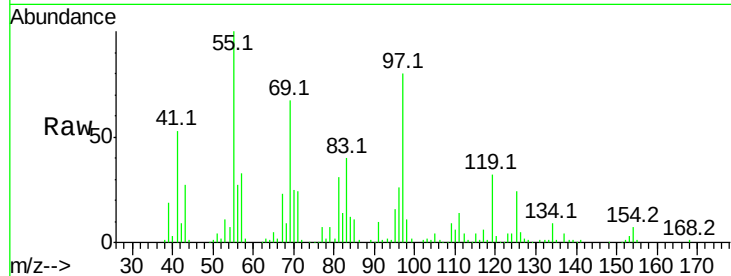




#23
 Nitrobenzene-d5
 Concen: 8.71 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083919.D
 Acq: 18 Dec 2015 18:08

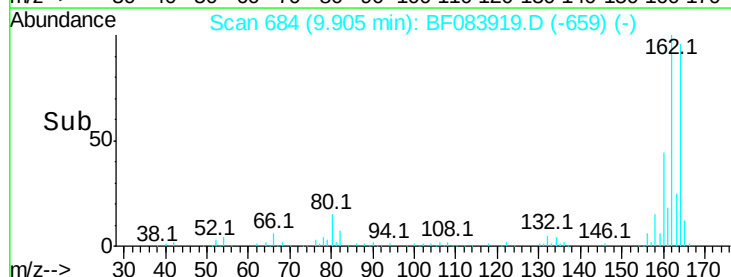
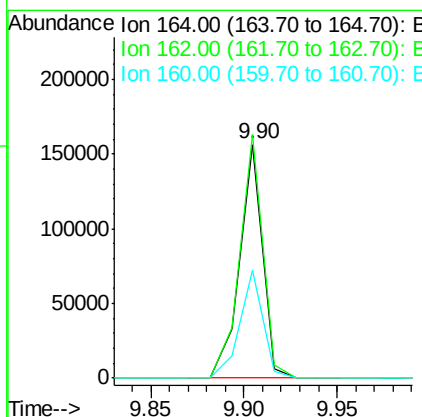
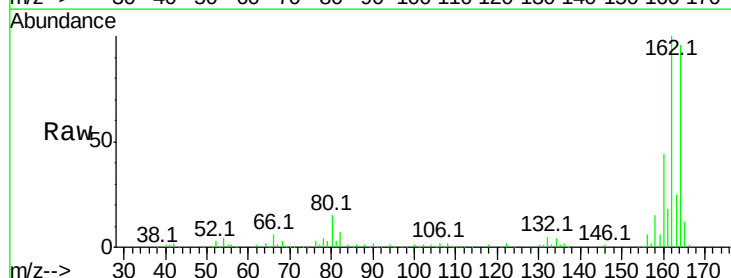
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9871

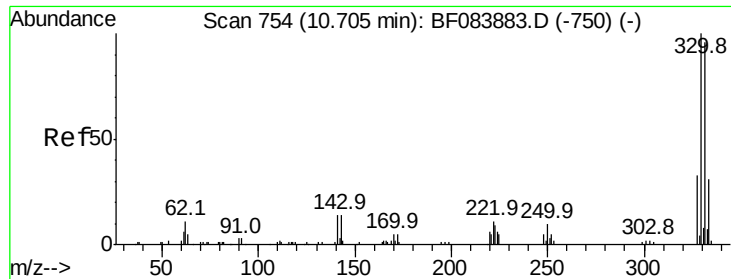
Tot Ion: 82 Resp: 23423
 Ion Ratio Lower Upper
 82 100
 128 3.7 34.6 51.8#
 54 52.0 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083919.D
 Acq: 18 Dec 2015 18:08

Tgt Ion:164 Resp: 134249
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 46.4 37.5 56.3

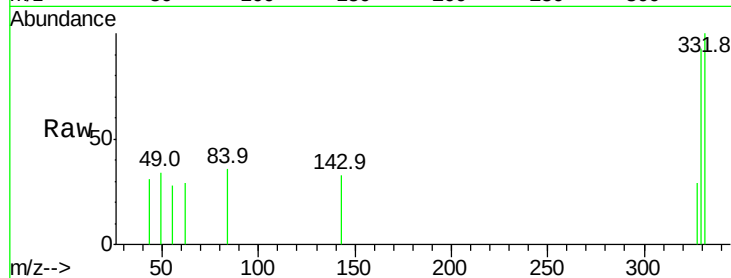




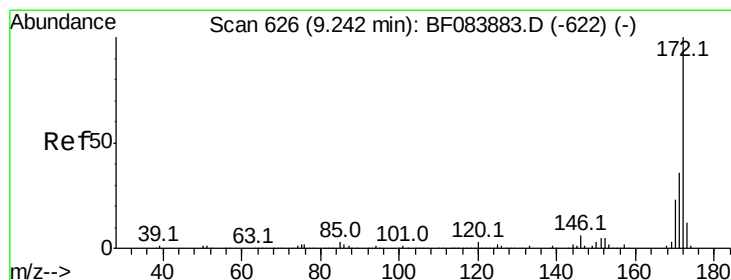
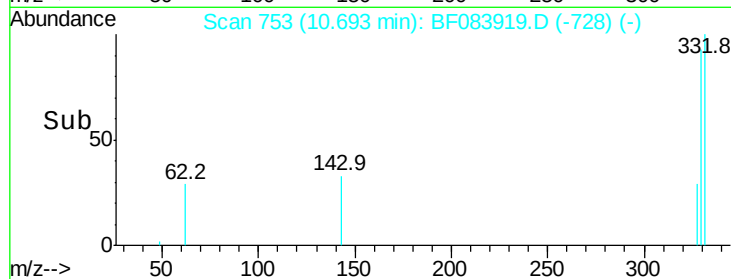
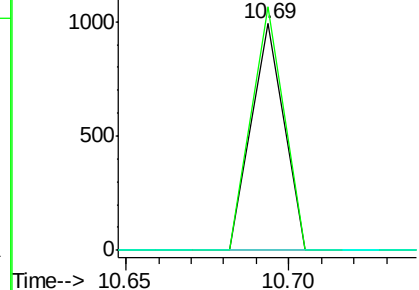
#41
 2,4,6-Tribromophenol
 Concen: 0.46 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083919.D
 Acq: 18 Dec 2015 18:08

Instrument :
 BNA_F
 ClientSampled :
 LAR-9871

Tot Ion:330 Resp: 680
 Ion Ratio Lower Upper
 330 100
 332 107.4 76.6 114.8
 141 0.0 27.8 41.6#

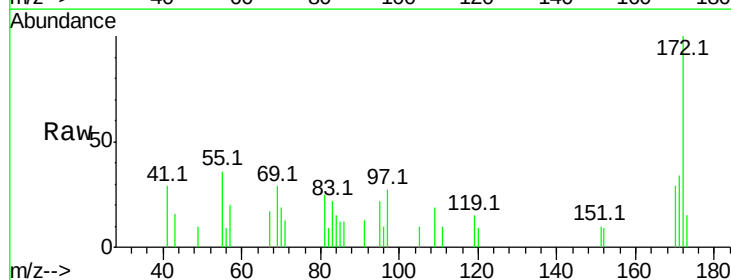


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

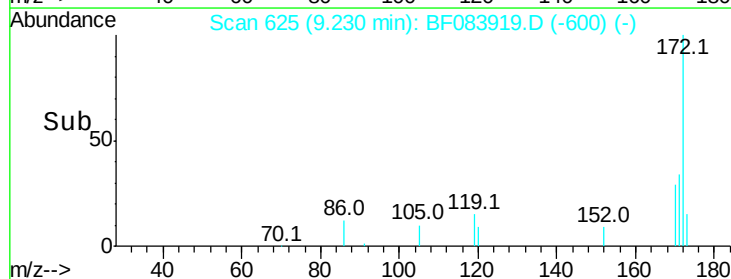
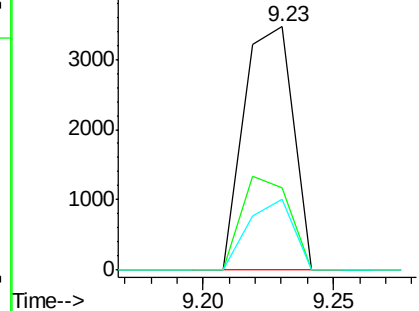


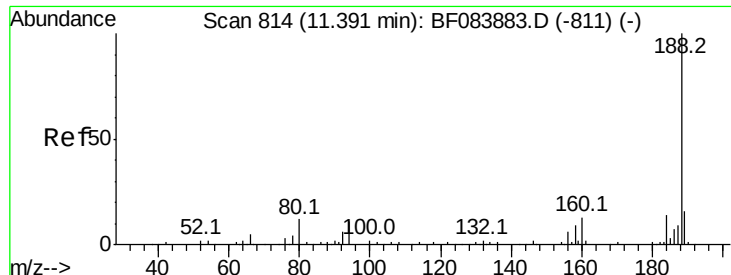
#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083919.D
 Acq: 18 Dec 2015 18:08

Tgt Ion:172 Resp: 4576
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.9 43.3
 170 29.2 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

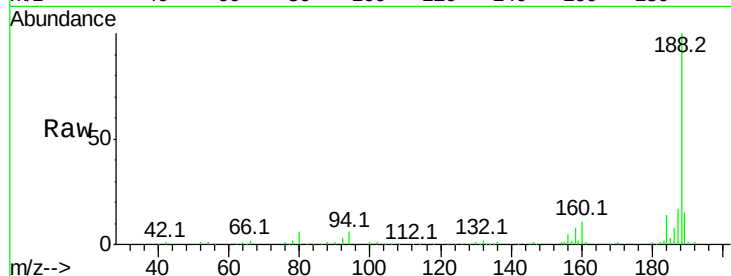




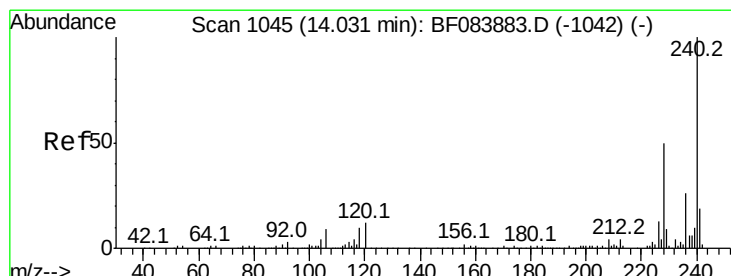
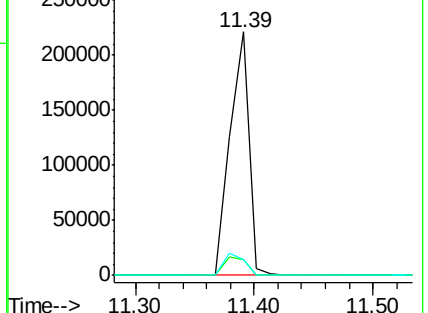
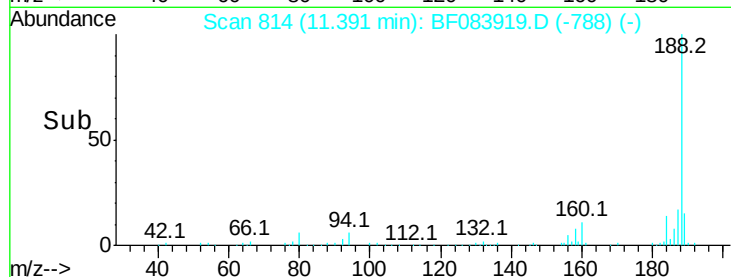
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tot Ion:188 Resp: 245343
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.4#
80 6.4 9.6 14.4#

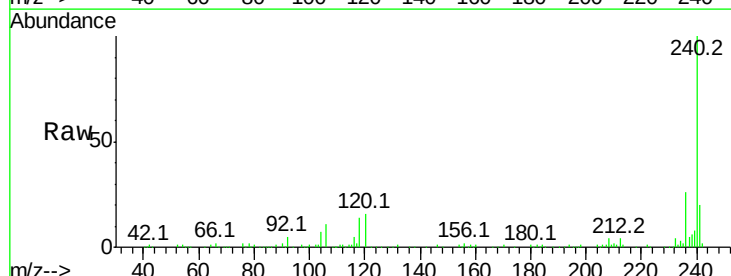


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

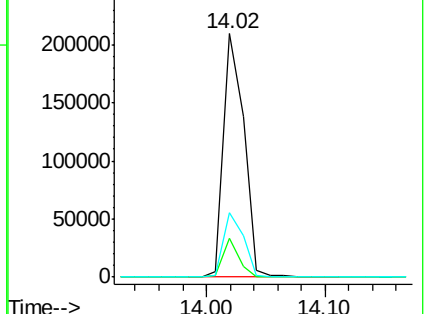
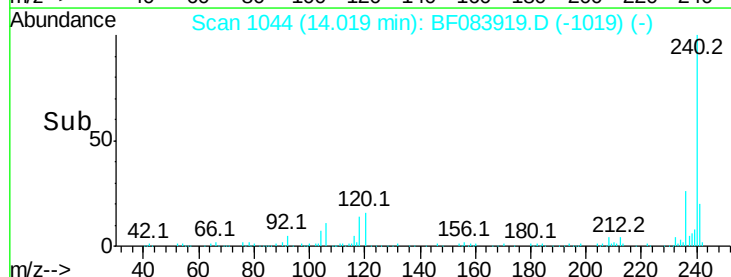


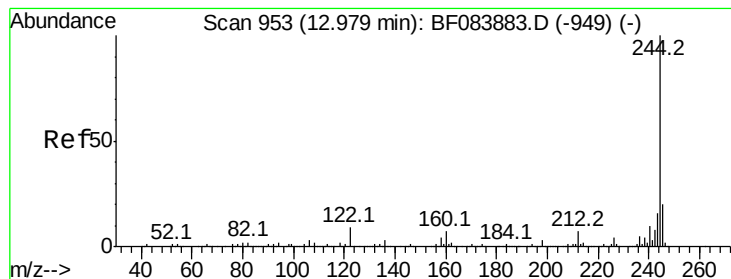
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:240 Resp: 247163
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 26.5 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: -6.15 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF083919.D

Acq: 18 Dec 2015 18:08

Instrument :

BNA_F

ClientSampleId :

LAR-9871

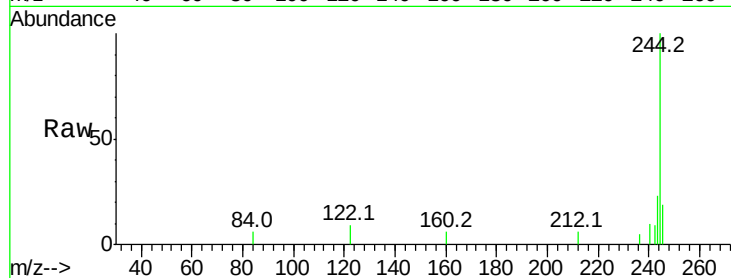
Tot Ion:244 Resp: 6105

Ion Ratio Lower Upper

244 100

212 5.8 5.7 8.5

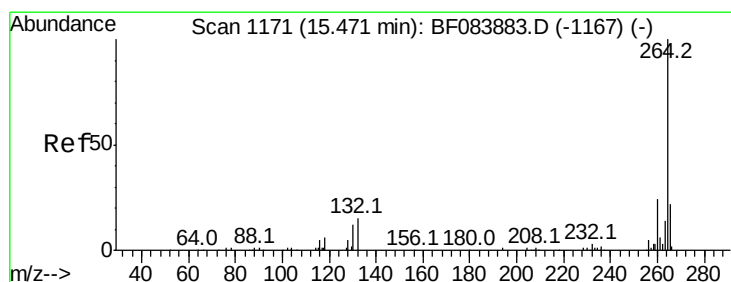
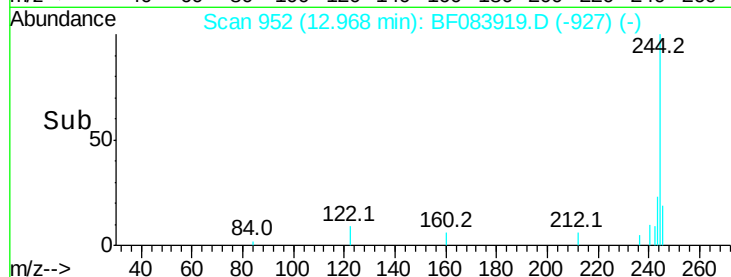
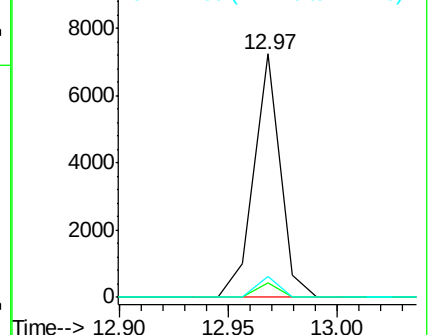
122 8.5 7.4 11.0



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: BF083919.D

Acq: 18 Dec 2015 18:08

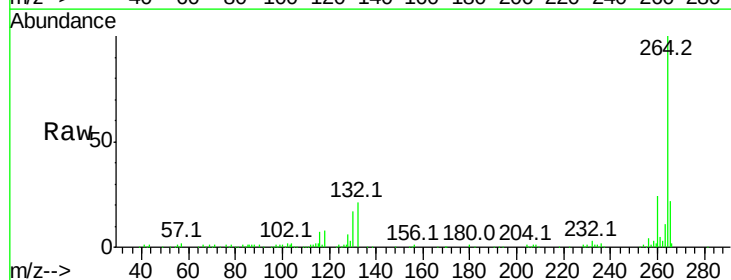
Tgt Ion:264 Resp: 195917

Ion Ratio Lower Upper

264 100

260 23.7 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

