

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083926.D
 Acq On : 18 Dec 2015 21:21
 Operator : UM/SJ
 Sample : G4822-01 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9878

Quant Time: Dec 19 04:48:37 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	66071	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	160258	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	114938	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	255958	20.00	ng	0.00
75) Chrysene-d12	14.02	240	246726	20.00	ng	-0.01
86) Perylene-d12	15.46	264	197183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2759	0.65	ng	0.00
7) Phenol-d6	6.51	99	4504	0.87	ng	0.00
23) Nitrobenzene-d5	7.44	82	48458	17.26	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	560	0.44	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	4839	-1.00	ng	-0.02
78) Terphenyl-d14	12.97	244	6116	-6.14	ng	-0.01

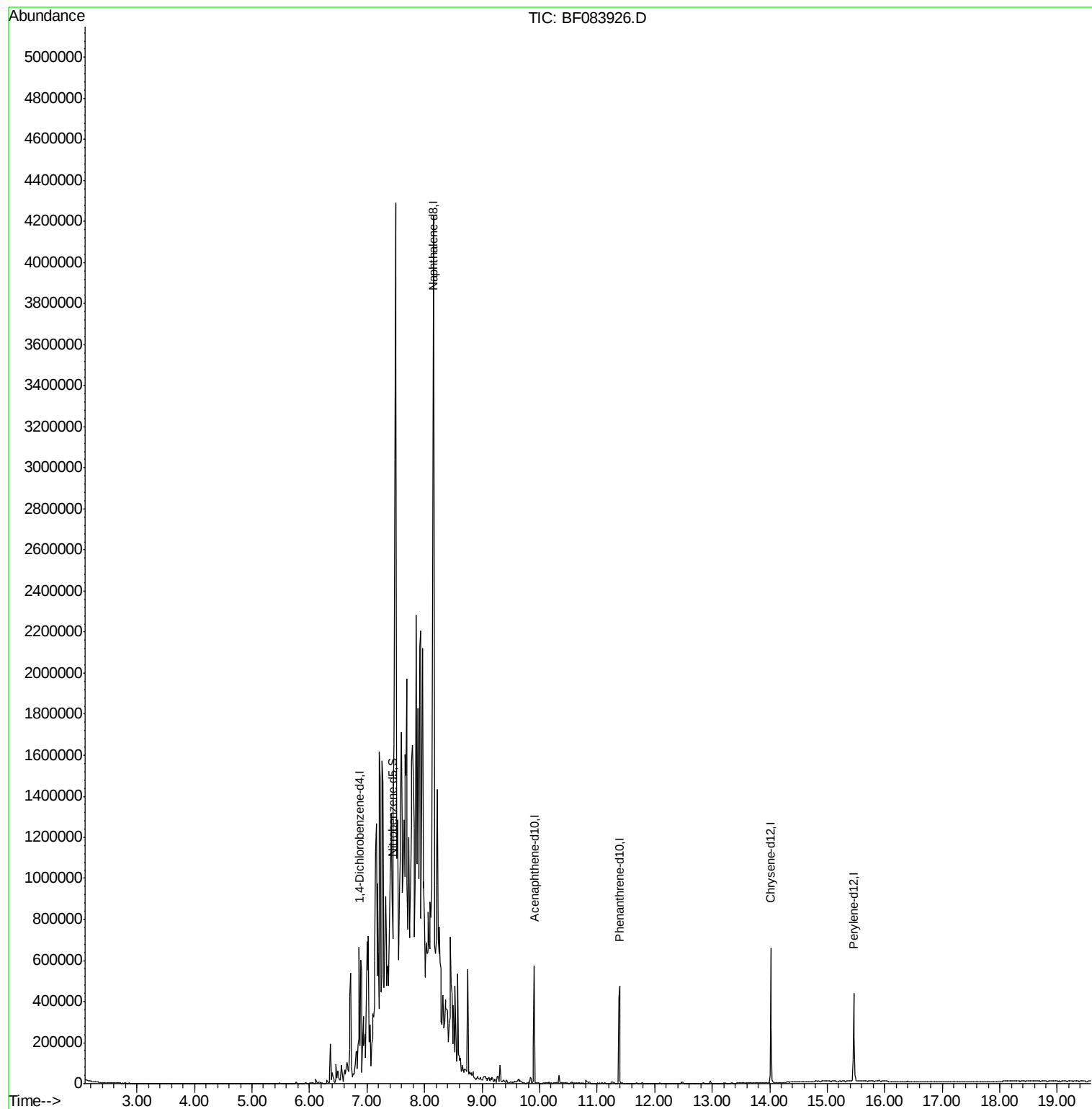
Target Compounds Qvalue

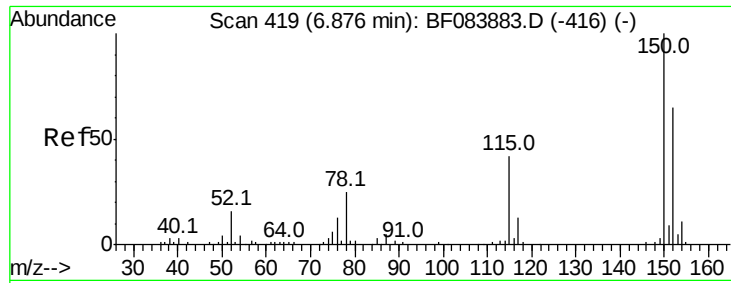
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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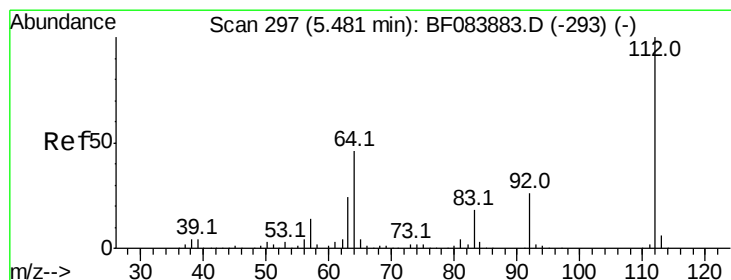
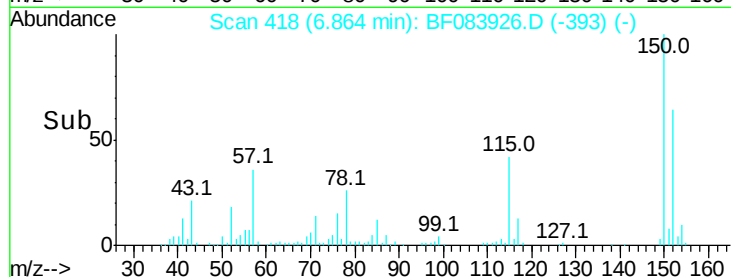
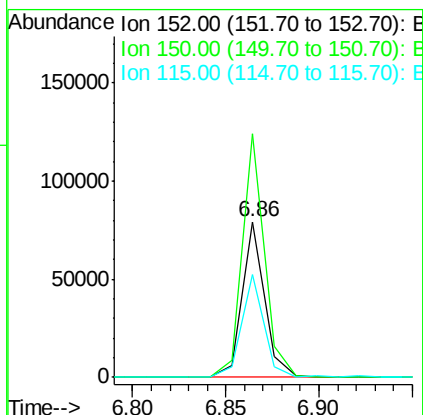
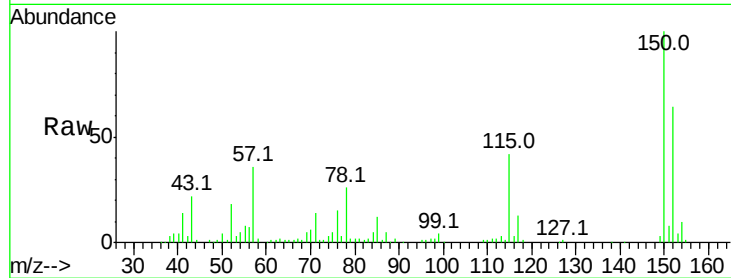


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083926.D
Acq: 18 Dec 2015 21:21

Instrument :
BNA_F
ClientSampleId :
LAR-9878

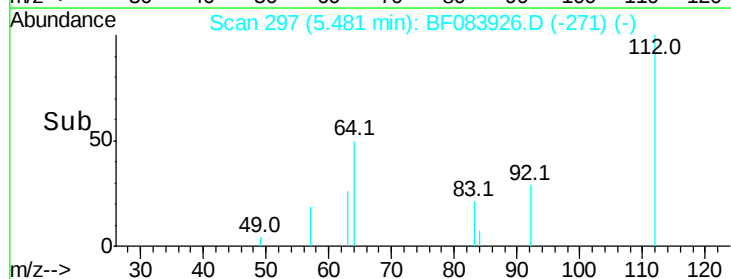
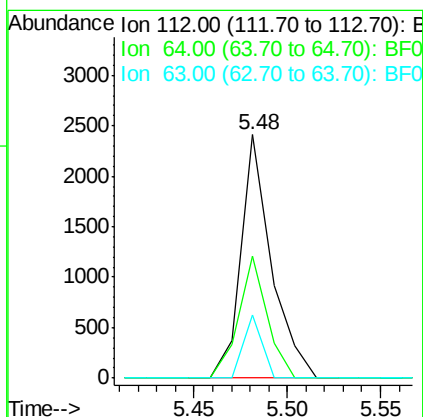
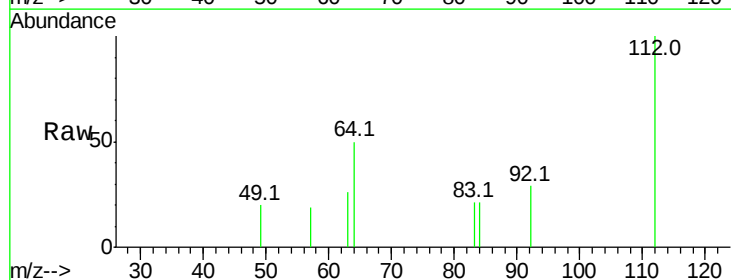
Tot Ion:152 Resp: 66071
Ion Ratio Lower Upper
152 100
150 156.4 123.0 184.4
115 65.7 51.4 77.2

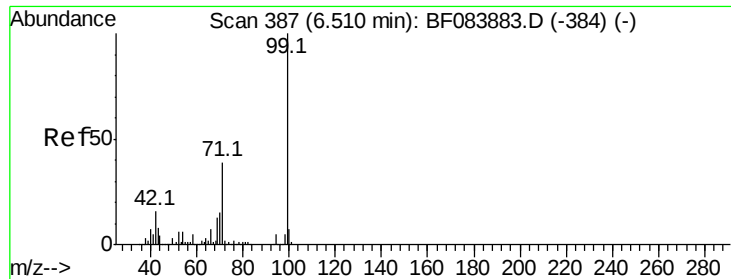


#5

2-Fluorophenol
Concen: 0.65 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083926.D
Acq: 18 Dec 2015 21:21

Tgt Ion:112 Resp: 2759
Ion Ratio Lower Upper
112 100
64 50.3 36.6 55.0
63 25.7 19.4 29.0





#7

Phenol-d6

Concen: 0.87 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083926.D

Acq: 18 Dec 2015 21:21

Instrument :

BNA_F

ClientSampleId :

LAR-9878

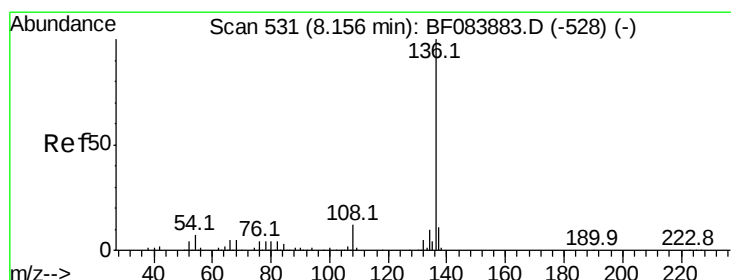
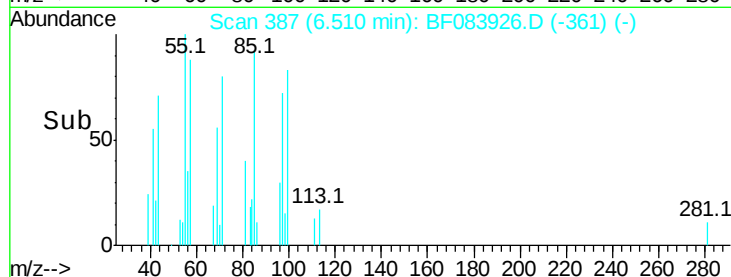
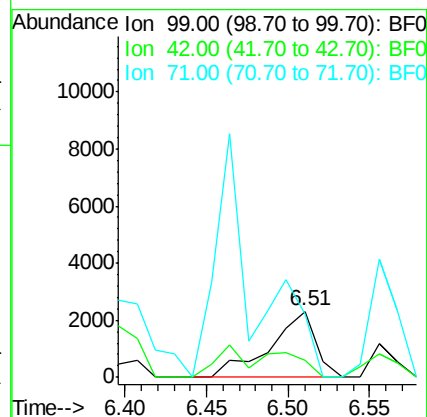
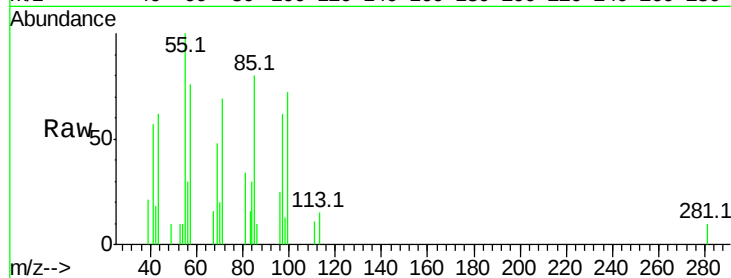
Tot Ion: 99 Resp: 4504

Ion Ratio Lower Upper

99 100

42 25.4 12.8 19.2#

71 96.1 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: BF083926.D

Acq: 18 Dec 2015 21:21

Tgt Ion: 136 Resp: 160258

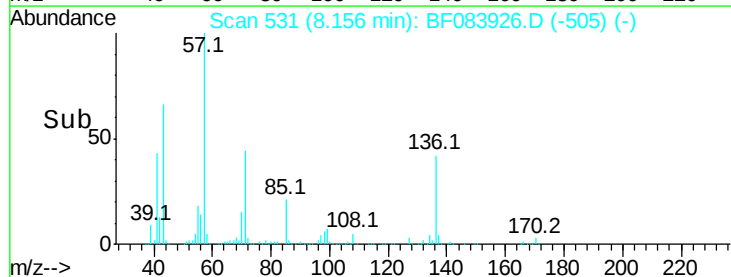
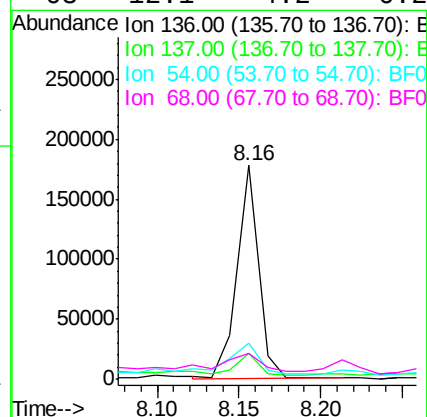
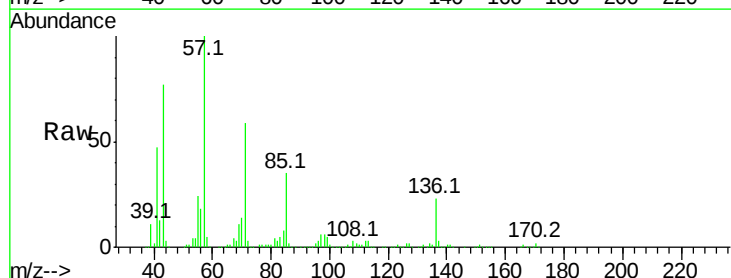
Ion Ratio Lower Upper

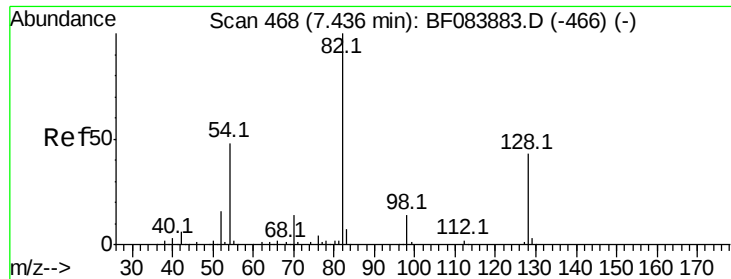
136 100

137 12.1 8.7 13.1

54 16.7 5.8 8.8#

68 12.1 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 17.26 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083926.D

Acq: 18 Dec 2015 21:21

Instrument :

BNA_F

ClientSampleId :

LAR-9878

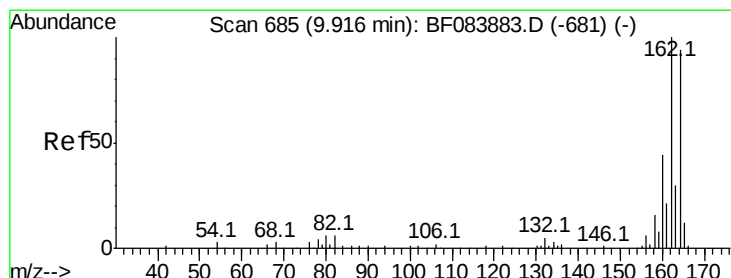
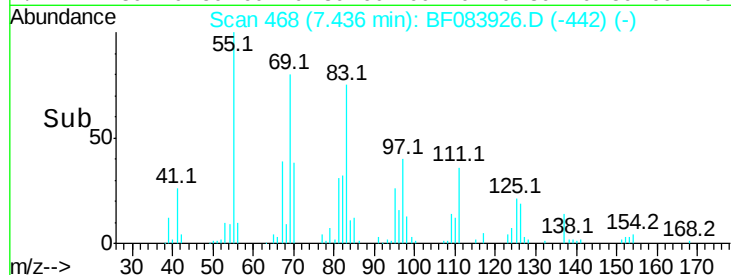
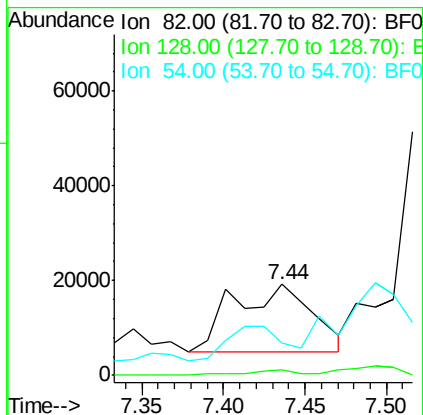
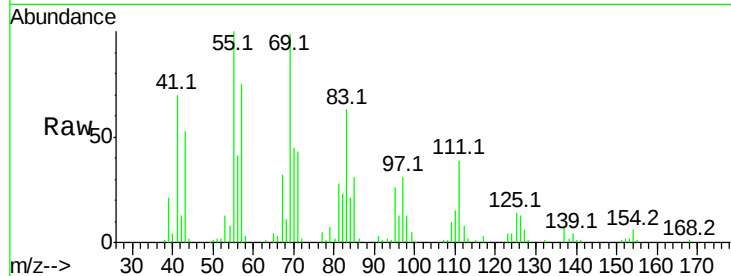
Tot Ion: 82 Resp: 48458

Ion Ratio Lower Upper

82 100

128 6.0 34.6 51.8#

54 35.4 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: BF083926.D

Acq: 18 Dec 2015 21:21

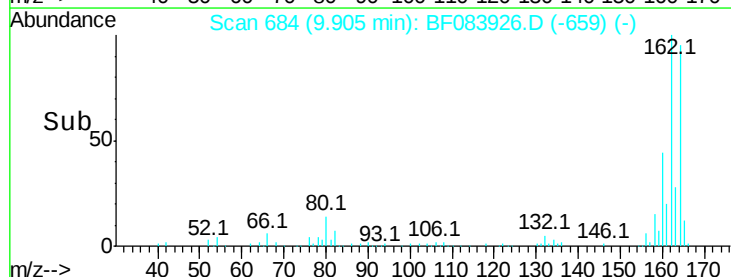
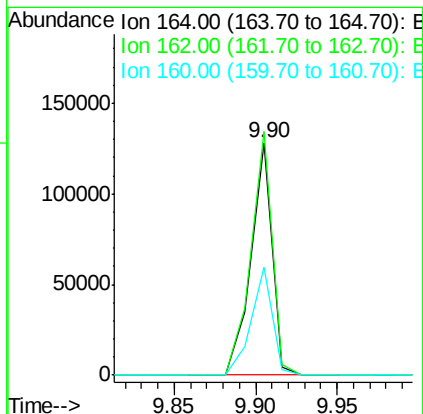
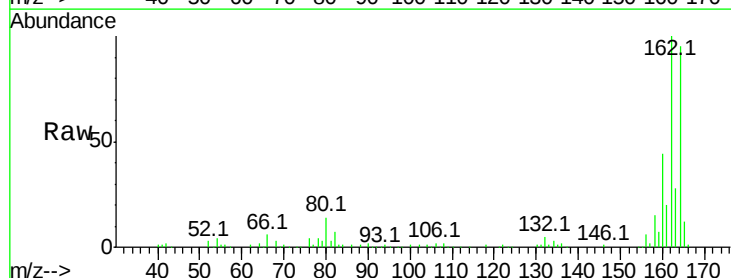
Tgt Ion:164 Resp: 114938

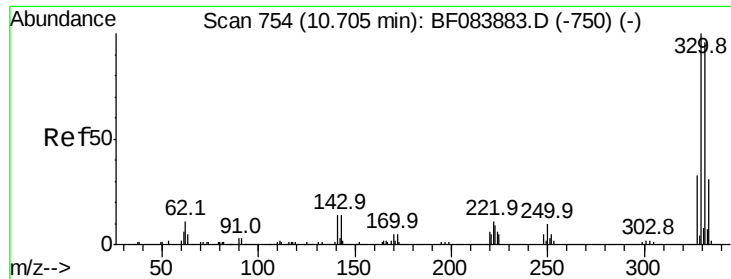
Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

160 46.5 37.5 56.3

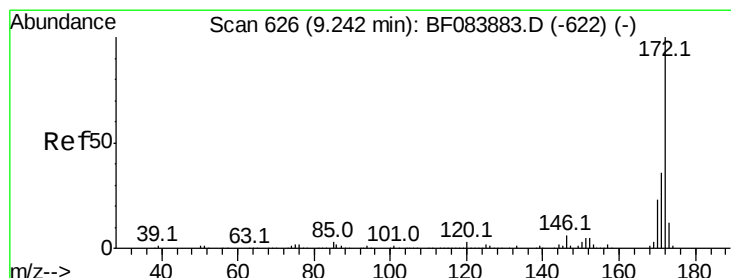
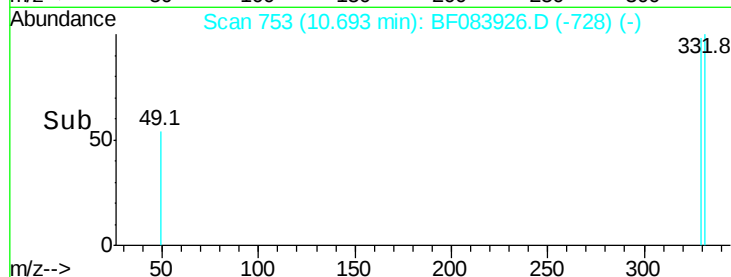
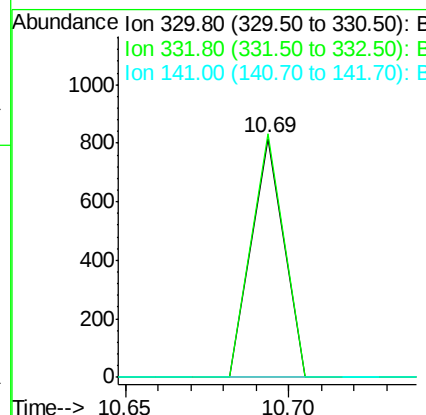
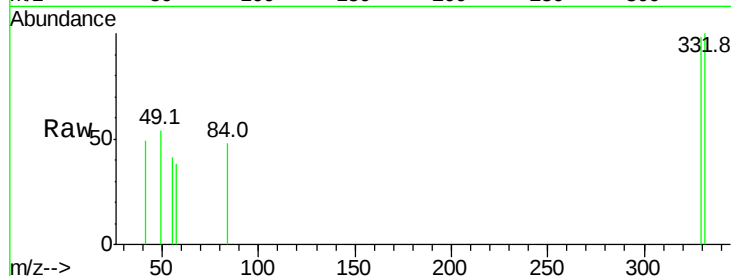




#41
 2,4,6-Tribromophenol
 Concen: 0.44 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083926.D
 Acq: 18 Dec 2015 21:21

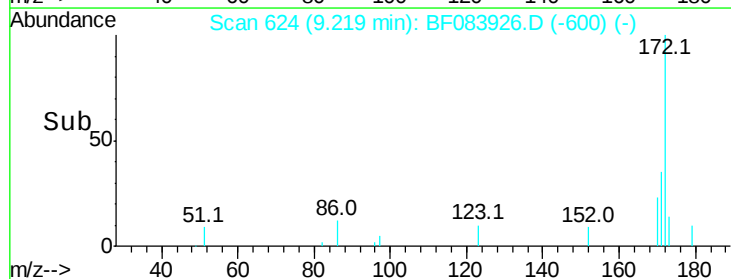
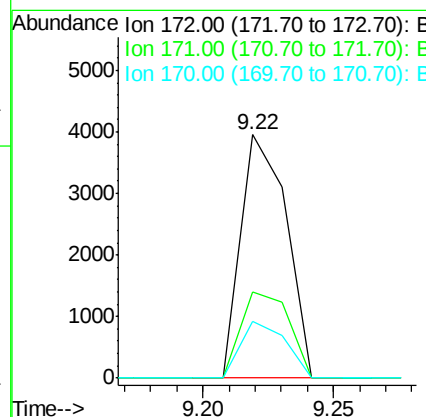
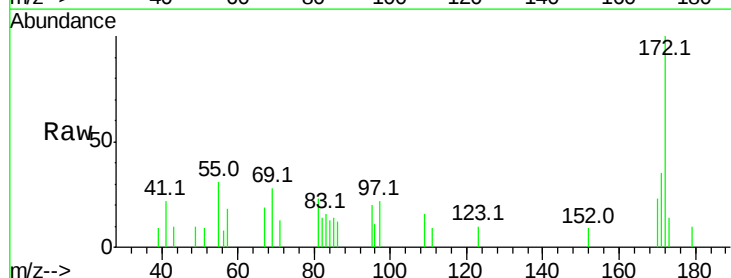
Instrument :
 BNA_F
 ClientSampled :
 LAR-9878

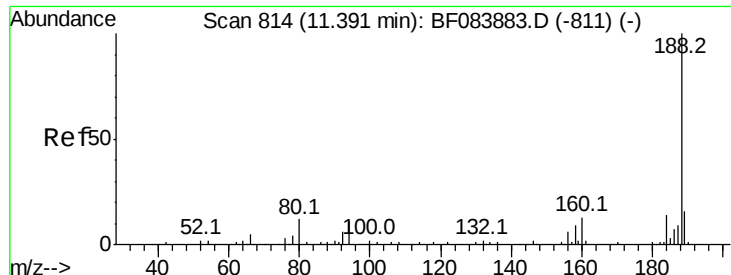
Tot Ion:330 Resp: 560
 Ion Ratio Lower Upper
 330 100
 332 102.0 76.6 114.8
 141 0.0 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083926.D
 Acq: 18 Dec 2015 21:21

Tgt Ion:172 Resp: 4839
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.3 18.6 27.8

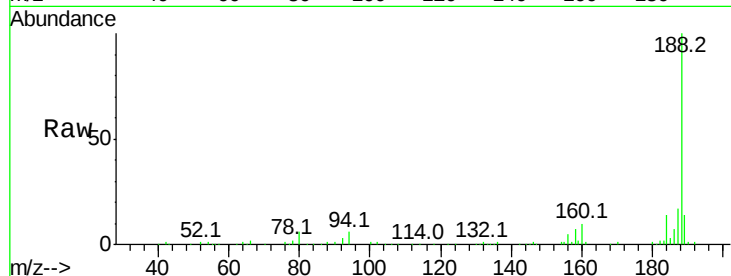




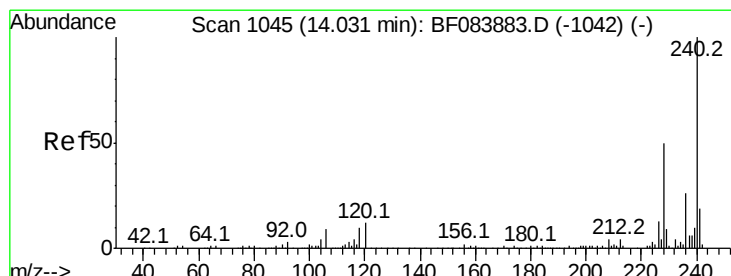
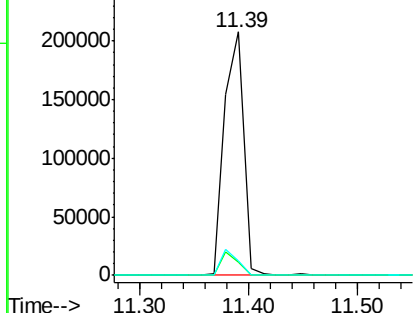
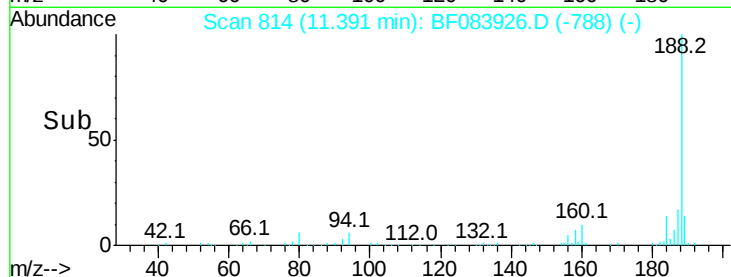
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083926.D
Acq: 18 Dec 2015 21:21

Instrument :
BNA_F
ClientSampled :
LAR-9878

Tot Ion:188 Resp: 255958
Ion Ratio Lower Upper
188 100
94 5.7 9.0 13.4#
80 6.0 9.6 14.4#

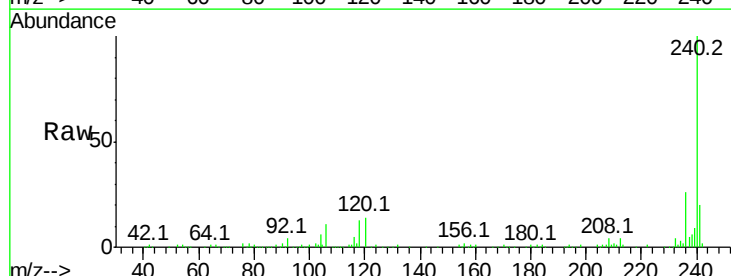


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

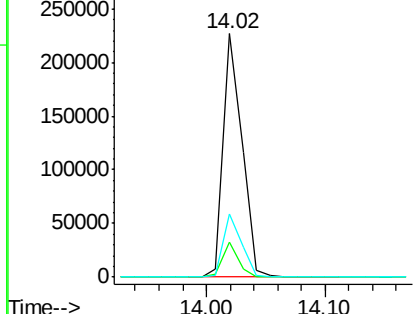
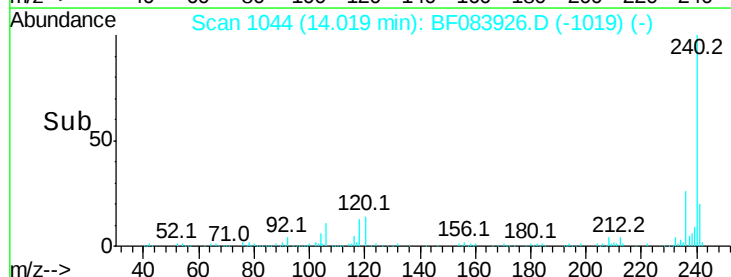


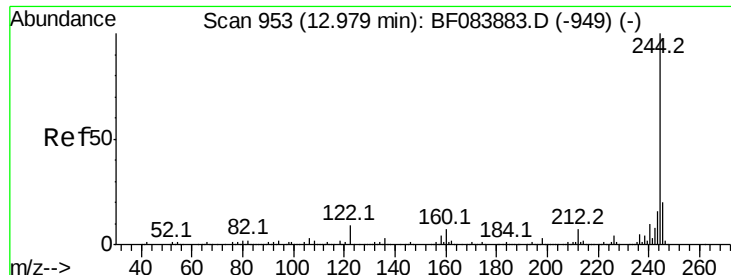
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083926.D
Acq: 18 Dec 2015 21:21

Tgt Ion:240 Resp: 246726
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.7 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: BF083926.D

Acq: 18 Dec 2015 21:21

Instrument :

BNA_F

ClientSampleId :

LAR-9878

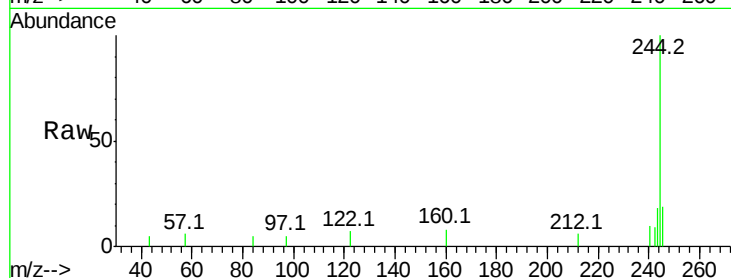
Tot Ion:244 Resp: 6116

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

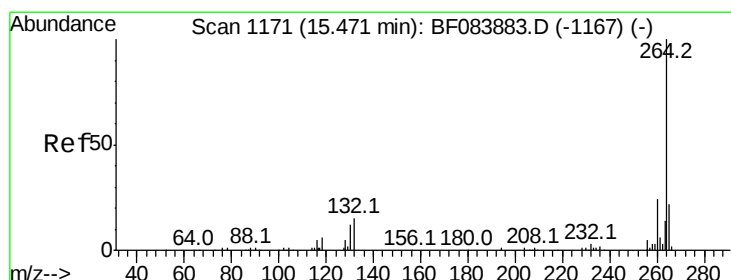
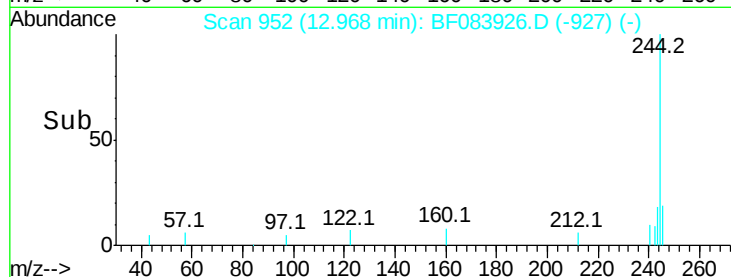
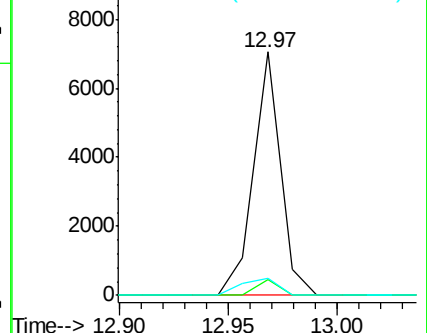
122 7.2 7.4 11.0#



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: BF083926.D

Acq: 18 Dec 2015 21:21

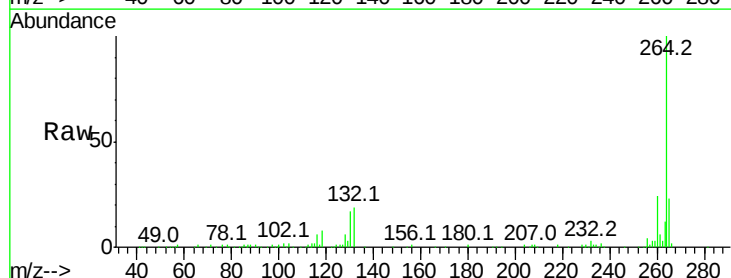
Tgt Ion:264 Resp: 197183

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.6 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

