

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090845.D
 Acq On : 26 Oct 2016 17:10
 Operator : UM/SJ
 Sample : PB94297BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

Quant Time: Oct 27 02:04:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	184642	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	759310	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	407721	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	688504	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	624044	20.00	ng	-0.01
86) Perylene-d12	15.37	264	463283	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1379454	130.62	ng	0.00
7) Phenol-d6	6.43	99	1933434	135.70	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1392451	120.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	650652	155.29	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	2168429	93.39	ng	-0.02
78) Terphenyl-d14	12.91	244	2696870	108.88	ng	-0.01

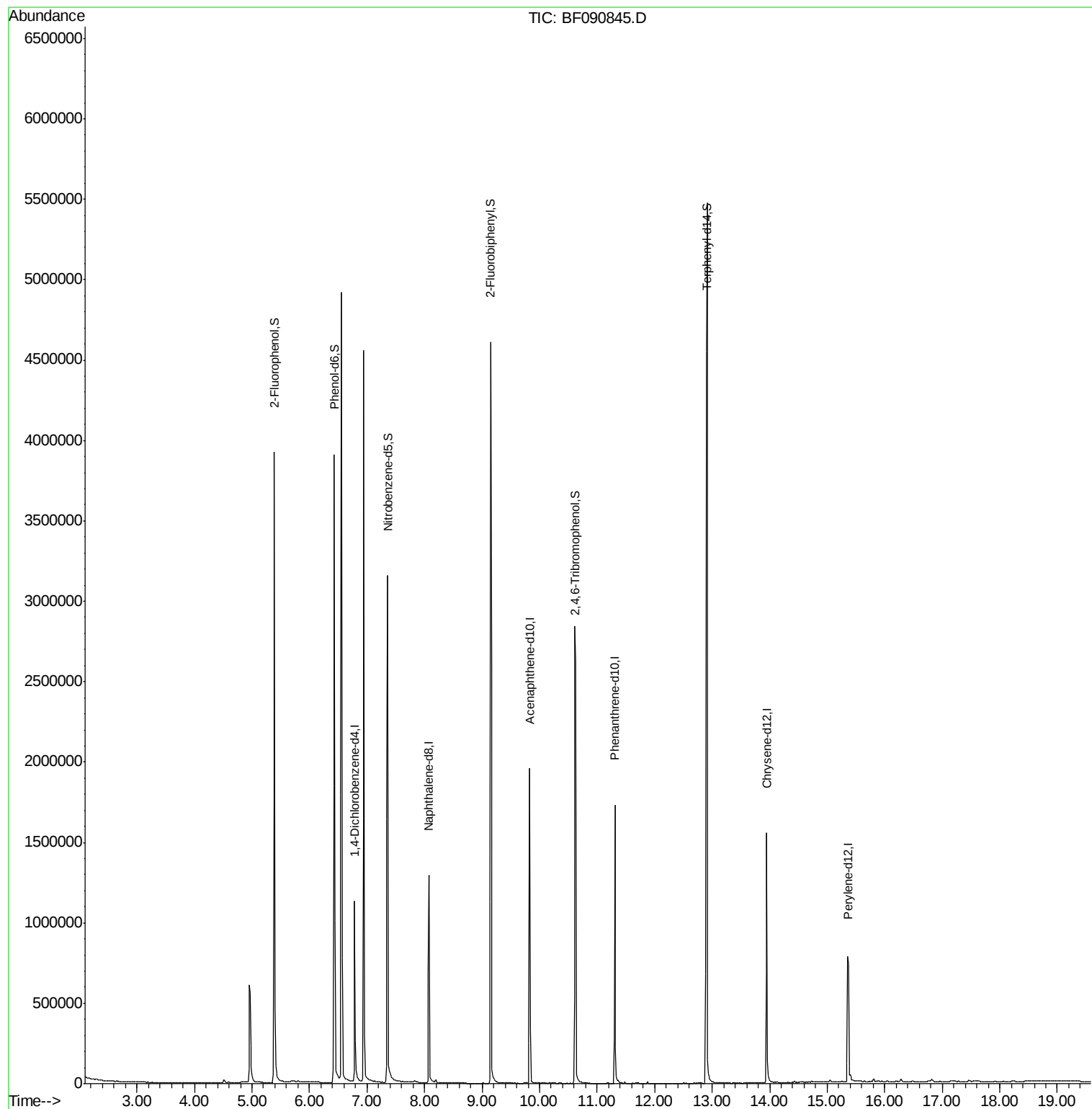
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

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ClientSampleId :

PB94297BL

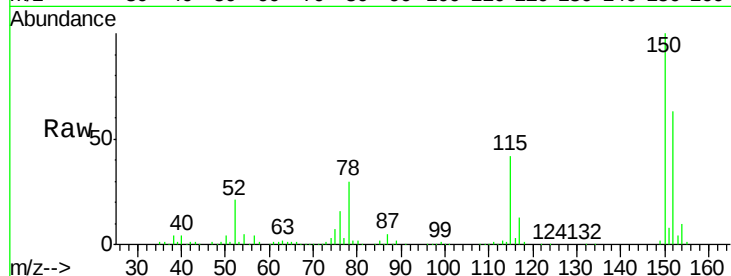
Tot Ion:152 Resp: 184642

Ion Ratio Lower Upper

152 100

150 157.9 124.7 187.1

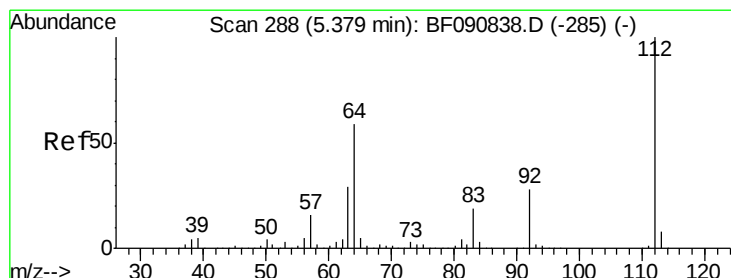
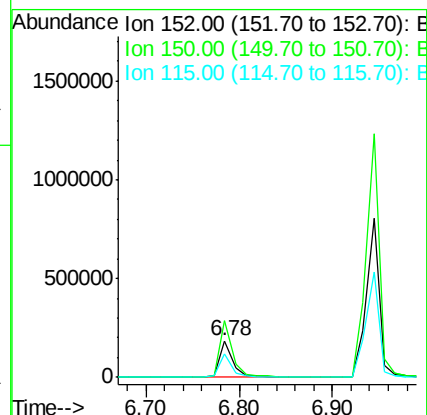
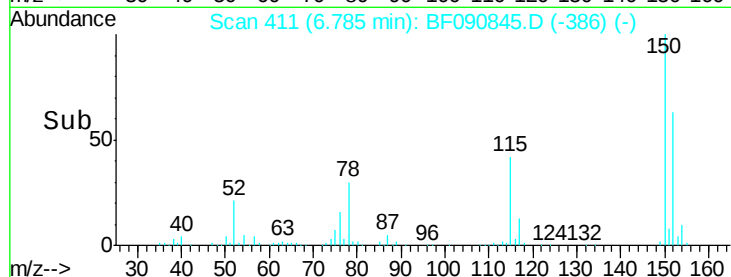
115 66.2 39.0 58.4#



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: 130.62 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

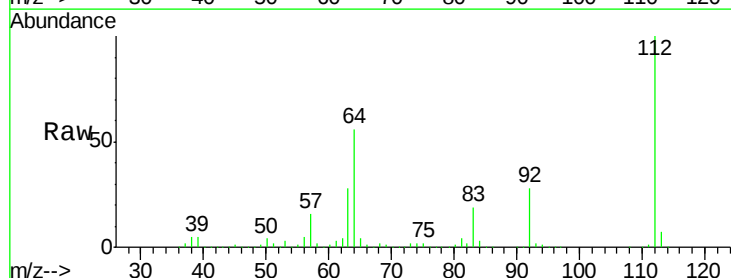
Tgt Ion:112 Resp: 1379454

Ion Ratio Lower Upper

112 100

64 56.1 39.7 59.5

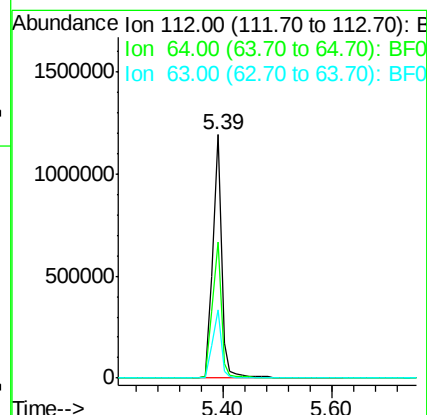
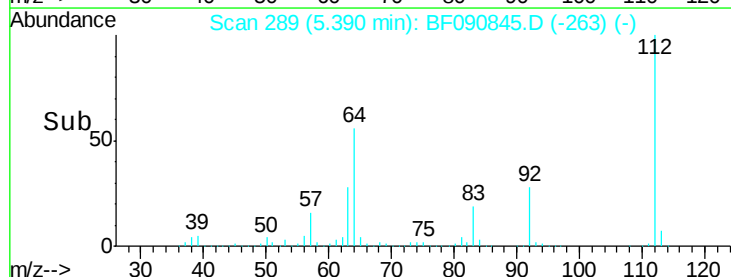
63 28.3 17.4 26.0#



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: 135.70 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Instrument :

BNA_F

ClientSampleId :

PB94297BL

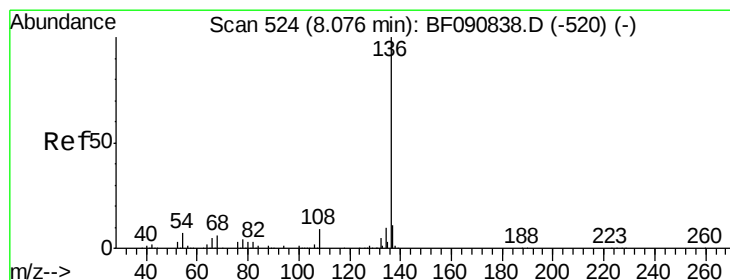
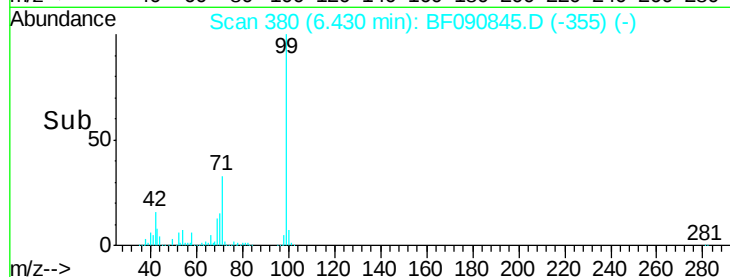
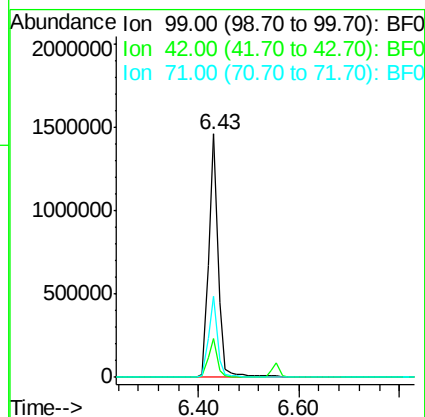
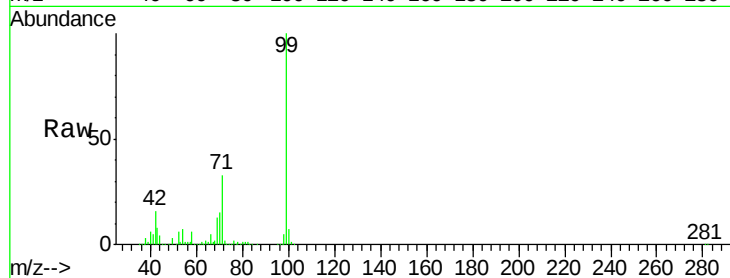
Tot Ion: 99 Resp: 1933434

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Tgt Ion: 136 Resp: 759310

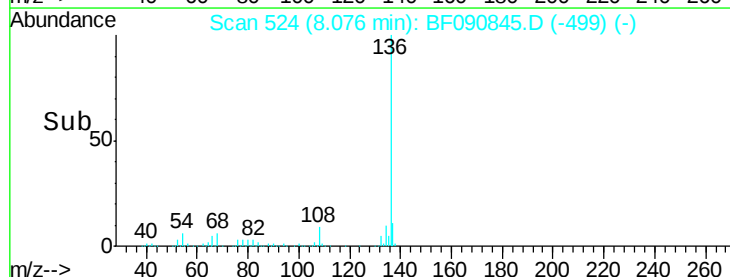
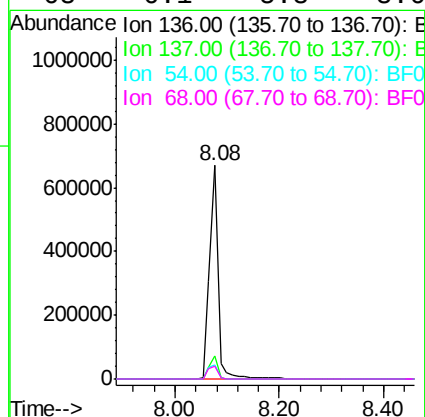
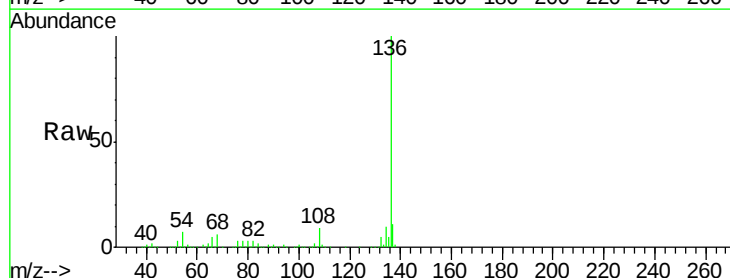
Ion Ratio Lower Upper

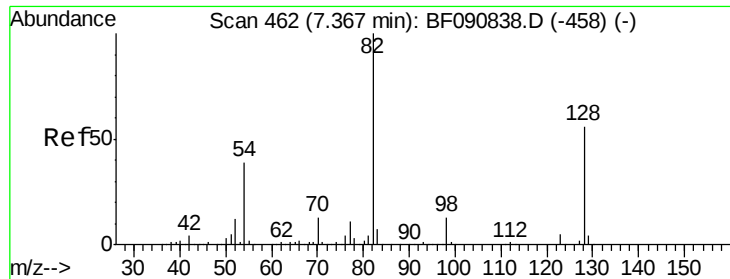
136 100

137 11.0 9.0 13.6

54 6.5 8.2 12.2#

68 6.1 5.8 8.6

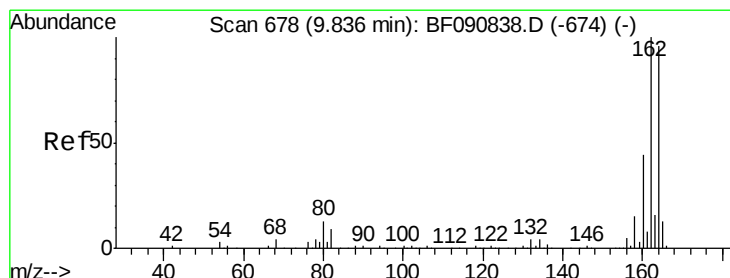
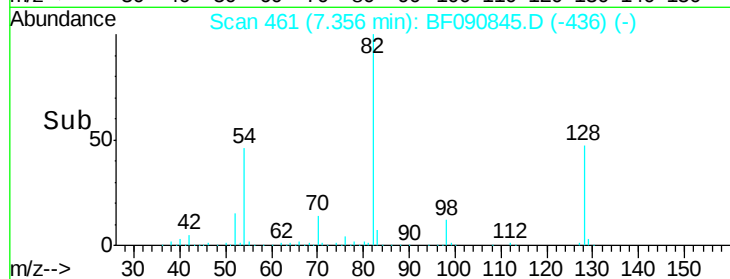
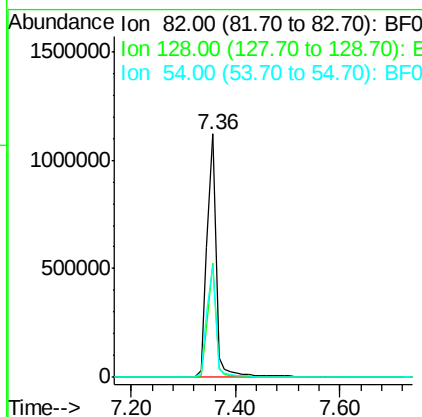
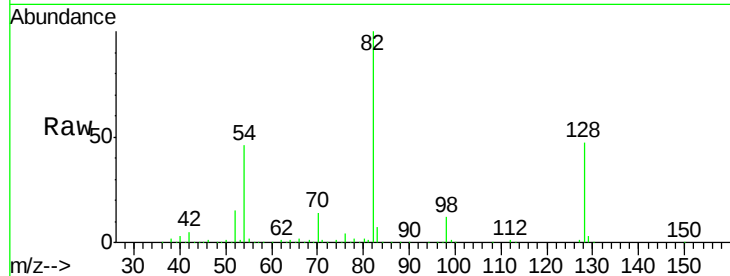




#23
 Nitrobenzene-d5
 Concen: 120.05 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

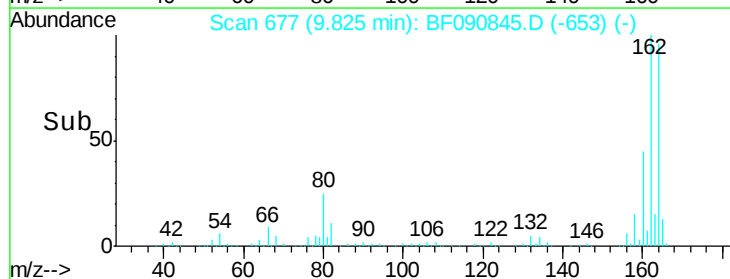
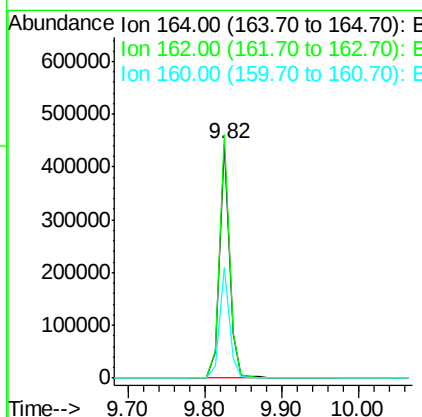
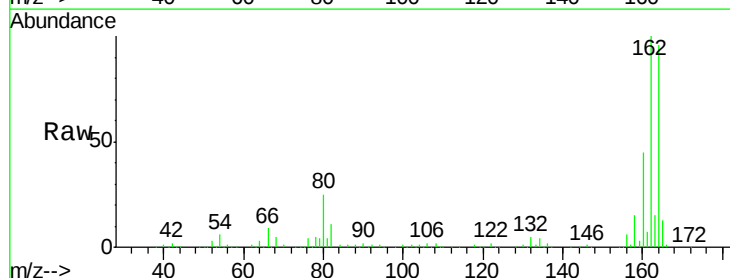
Instrument :
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 ClientSampleId :
 PB94297BL

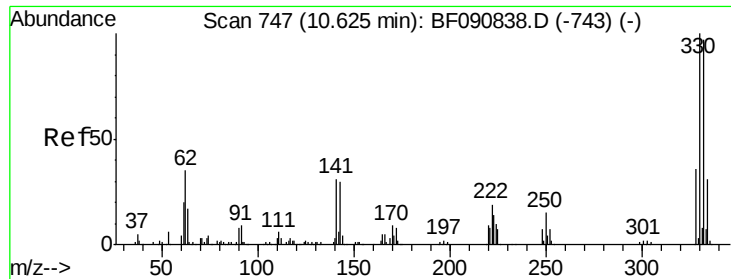
Tot Ion: 82 Resp: 1392451
 Ion Ratio Lower Upper
 82 100
 128 47.0 51.0 76.6#
 54 46.1 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

Tgt Ion:164 Resp: 407721
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 47.2 31.5 47.3

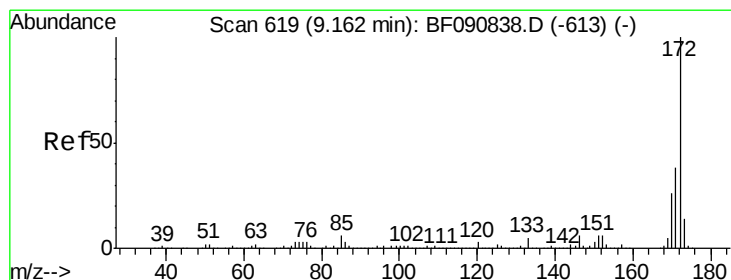
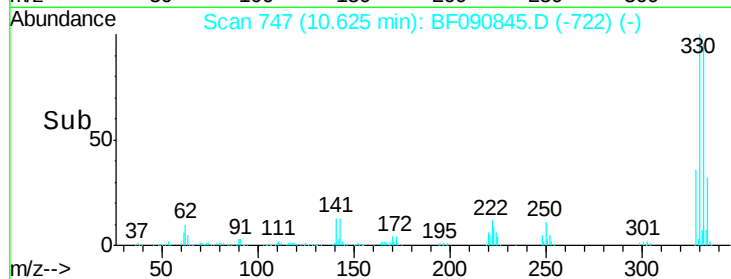
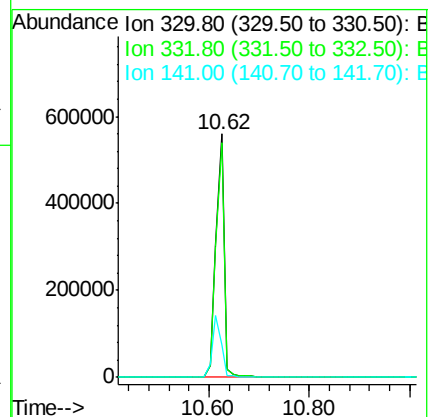
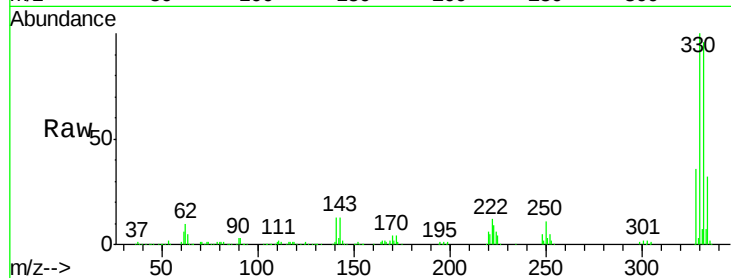




#41
 2,4,6-Tribromophenol
 Concen: 155.29 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

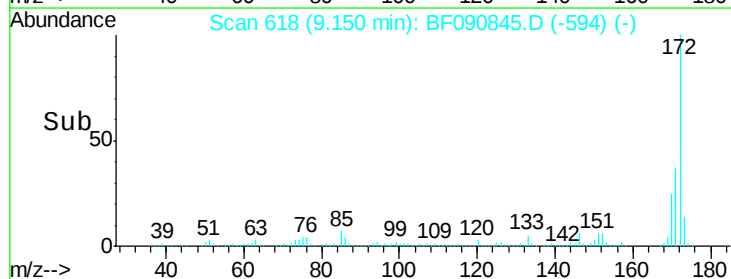
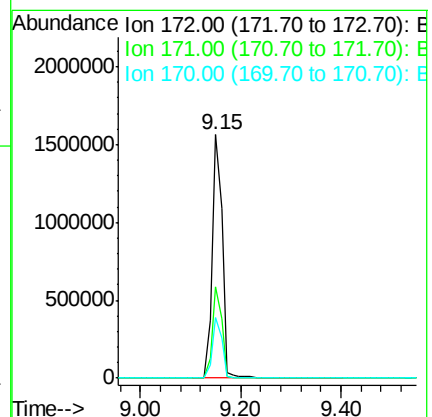
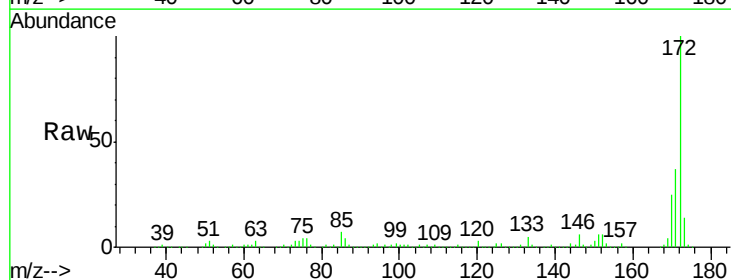
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

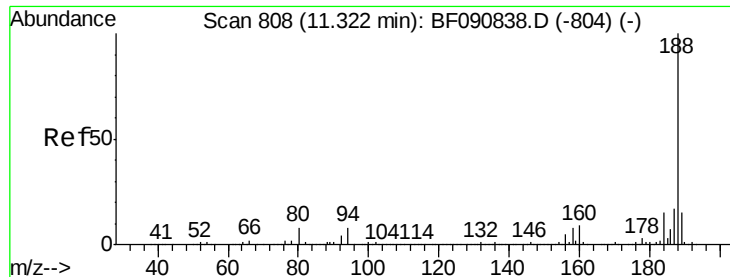
Tot Ion:330 Resp: 650652
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 27.9 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

Tgt Ion:172 Resp: 2168429
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.0 17.4 26.2

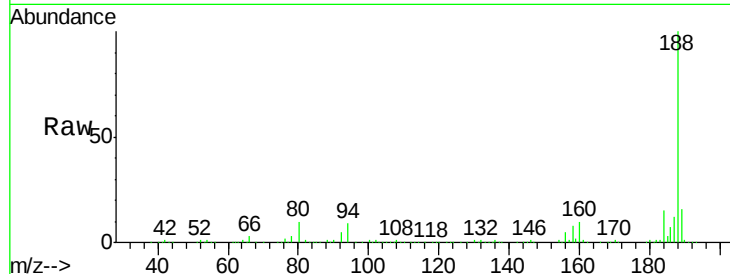




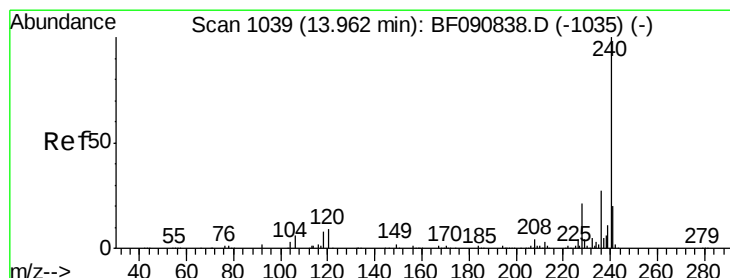
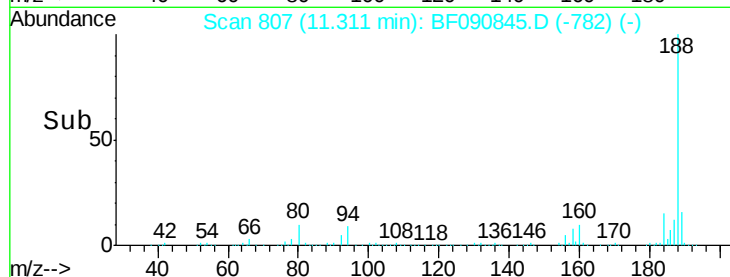
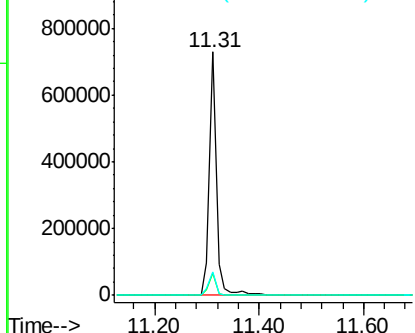
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090845.D
Acq: 26 Oct 2016 17:10

Instrument :
BNA_F
ClientSampleId :
PB94297BL

Tot Ion:188 Resp: 688504
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 9.7 11.0 16.4#

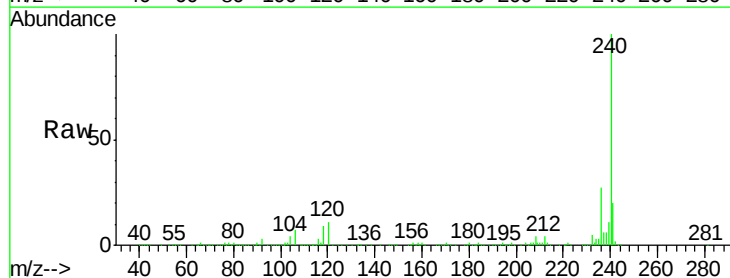


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

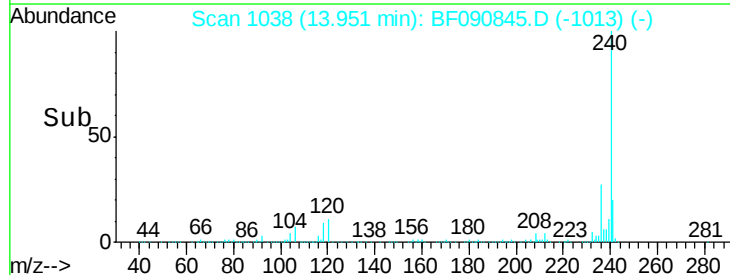
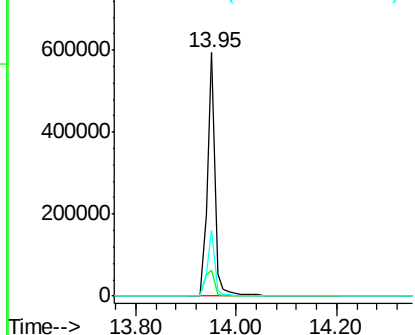


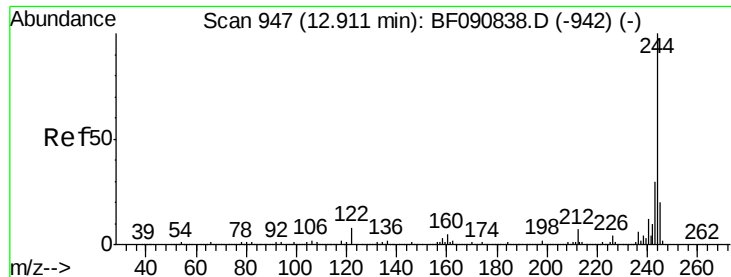
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090845.D
Acq: 26 Oct 2016 17:10

Tgt Ion:240 Resp: 624044
Ion Ratio Lower Upper
240 100
120 10.7 16.2 24.2#
236 27.1 18.4 27.6



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: 108.88 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Instrument :

BNA_F

ClientSampleId :

PB94297BL

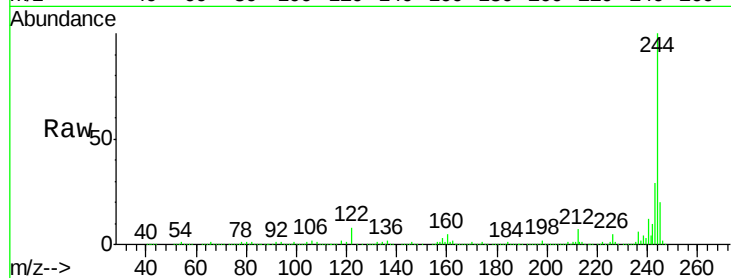
Tot Ion:244 Resp: 2696870

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

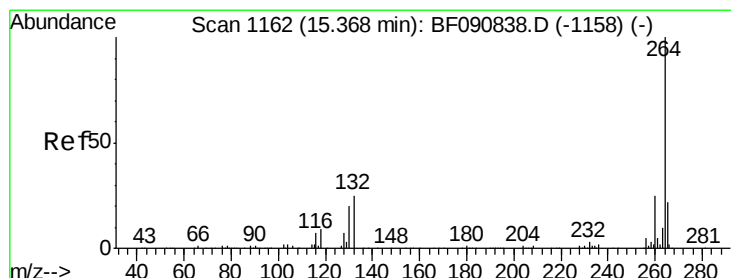
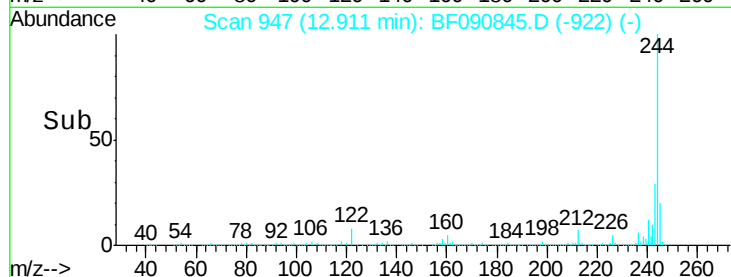
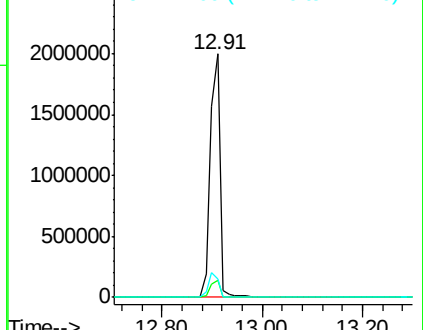
122 7.5 17.4 26.2#



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

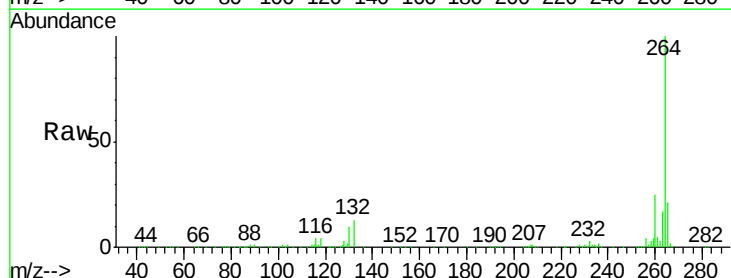
Tgt Ion:264 Resp: 463283

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

265 21.3 17.2 25.8



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

