

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081582.D
 Acq On : 11 Sep 2015 00:01
 Operator : UM/IZ
 Sample : G3540-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Quant Time: Sep 11 07:28:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	43958	20.00	ng	0.01
21) Naphthalene-d8	11.18	136	165949	20.00	ng	0.01
38) Acenaphthene-d10	15.32	164	67940	20.00	ng	0.01
63) Phenanthrene-d10	18.82	188	123458	20.00	ng	0.01
75) Chrysene-d12	23.44	240	89783	20.00	ng	0.02
86) Perylene-d12	24.87	264	52578	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	12061	4.26	ng	0.03
7) Phenol-d6	7.73	99	19650	5.24	ng	0.03
23) Nitrobenzene-d5	9.55	82	14526	4.22	ng	-0.01
41) 2,4,6-Tribromophenol	17.22	330	869	1.44	ng	0.01
44) 2-Fluorobiphenyl	13.82	172	18235	3.44	ng	0.00
78) Terphenyl-d14	22.16	244	14613	3.79	ng	0.01

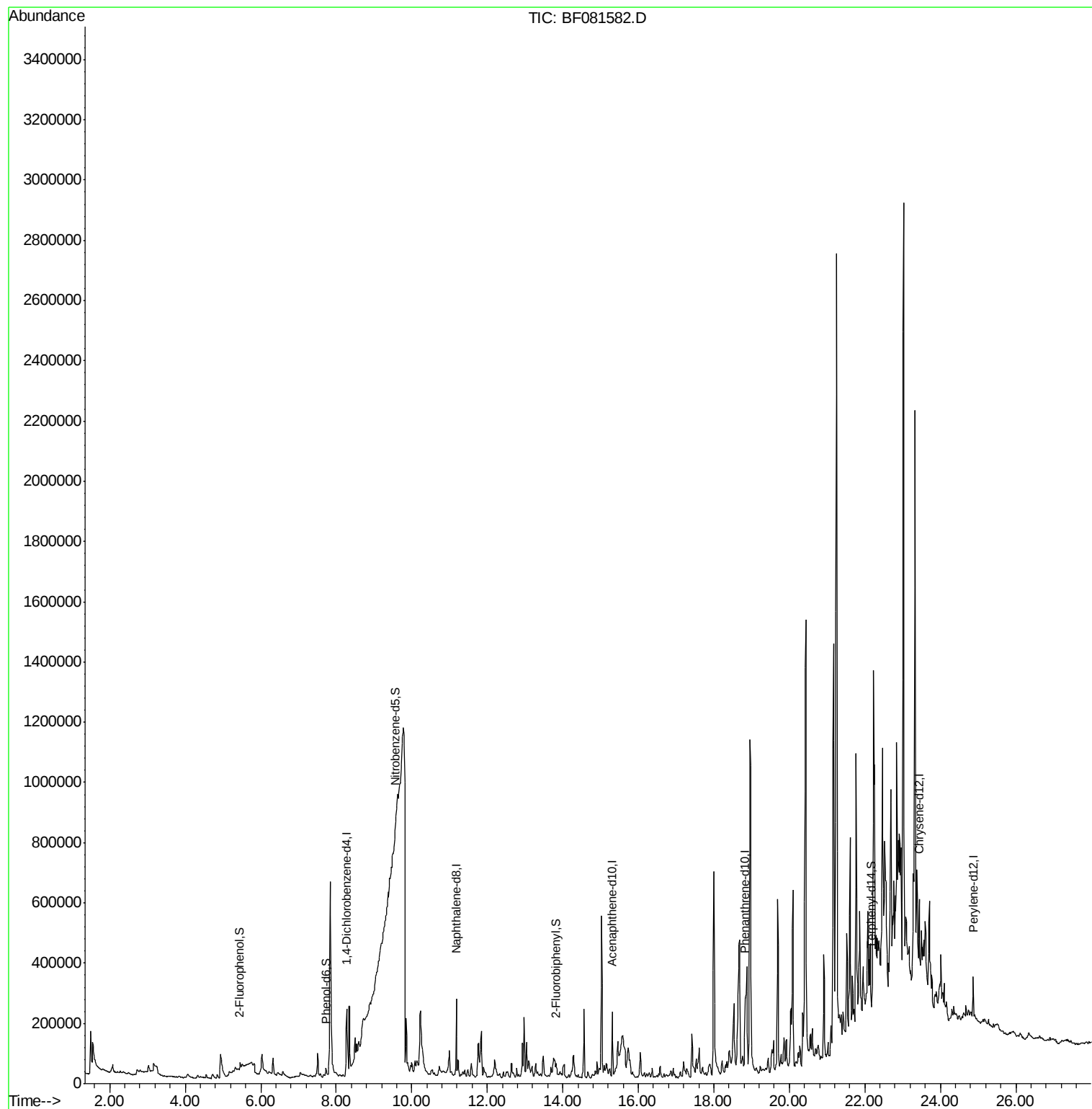
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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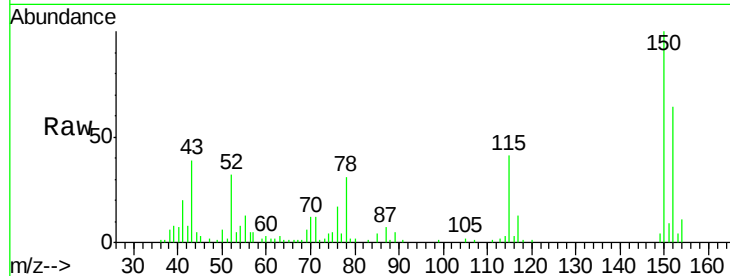




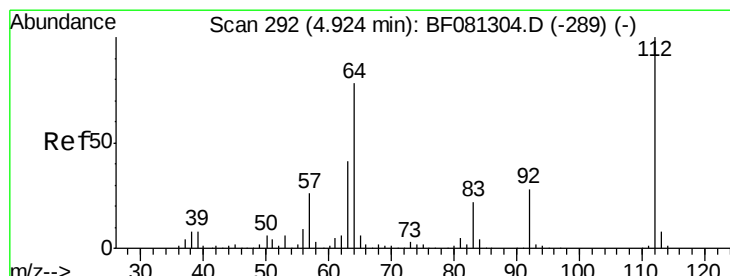
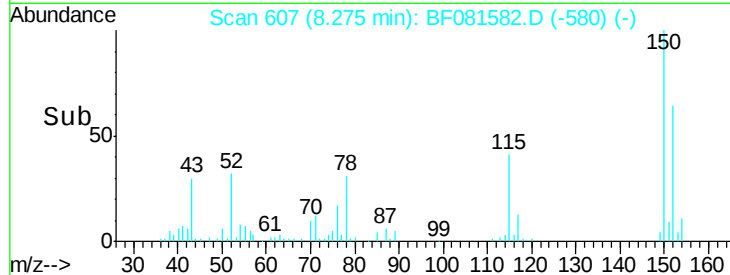
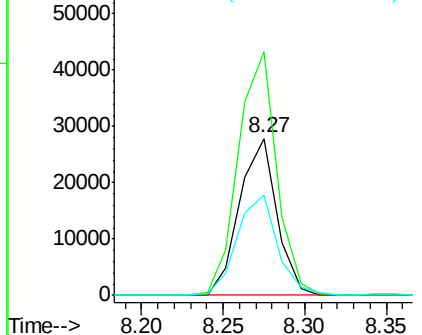
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.27 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Tgt Ion:152 Resp: 43958
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.7 187.1
 115 64.1 39.0 58.4#

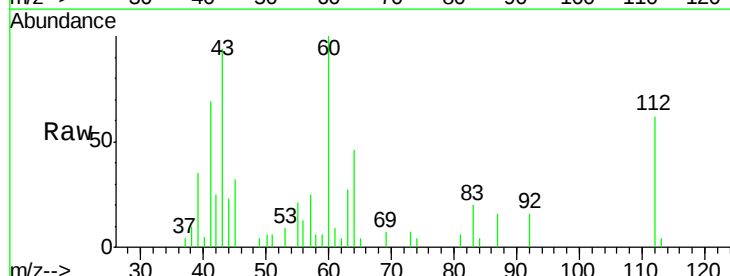


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

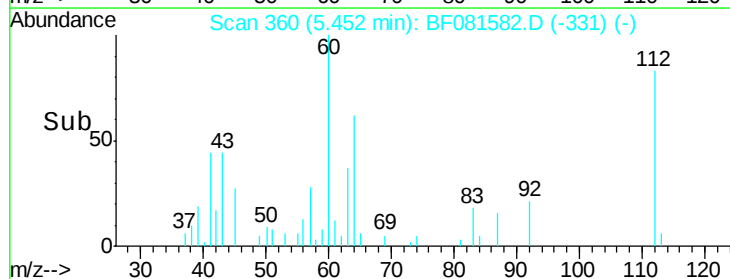
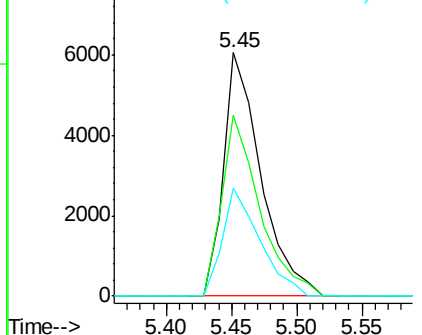


#5
 2-Fluorophenol
 Concen: 4.26 ng
 RT: 5.45 min Scan# 360
 Delta R.T. 0.03 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

Tgt Ion:112 Resp: 12061
 Ion Ratio Lower Upper
 112 100
 64 74.5 39.7 59.5#
 63 44.5 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: 5.24 ng

RT: 7.73 min Scan# 559

Delta R.T. 0.03 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

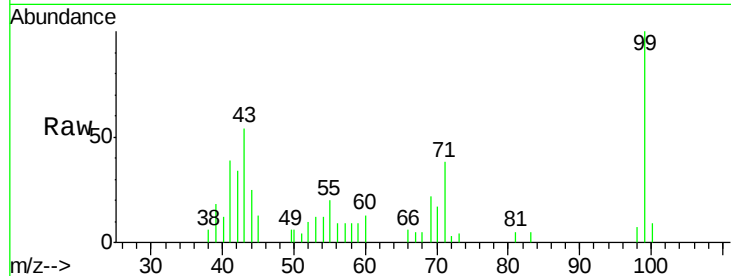
Tgt Ion: 99 Resp: 19650

Ion Ratio Lower Upper

99 100

42 33.8 13.7 20.5#

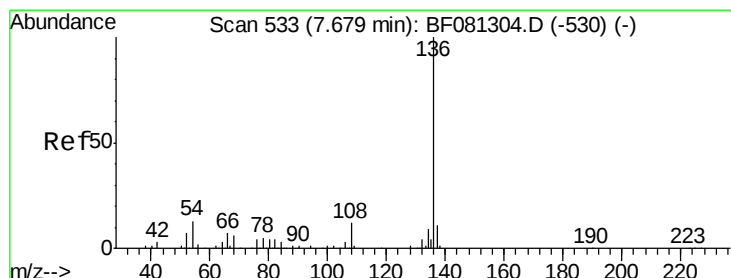
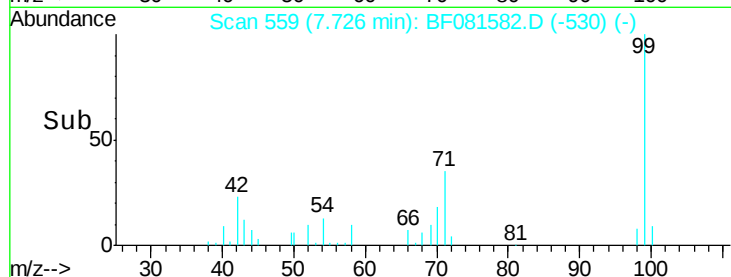
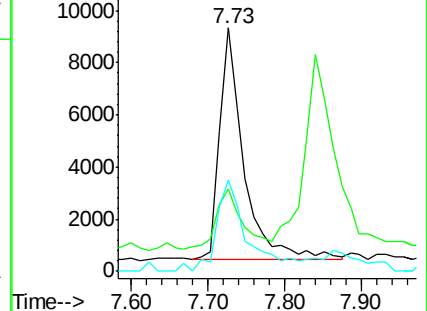
71 37.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.18 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Tgt Ion: 136 Resp: 165949

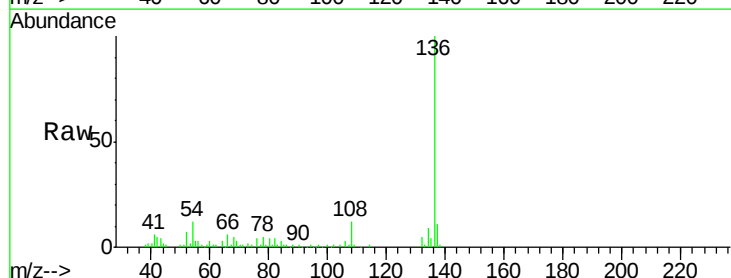
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 12.2 8.2 12.2

68 5.3 5.8 8.6#

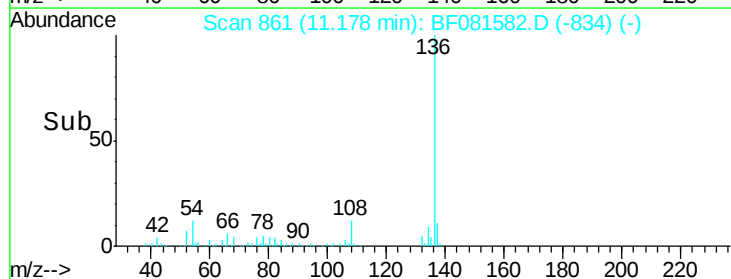
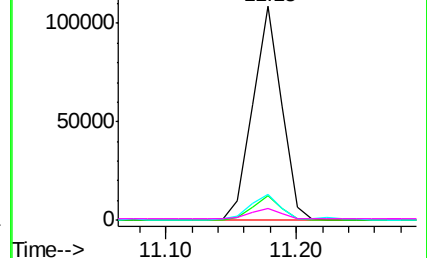


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

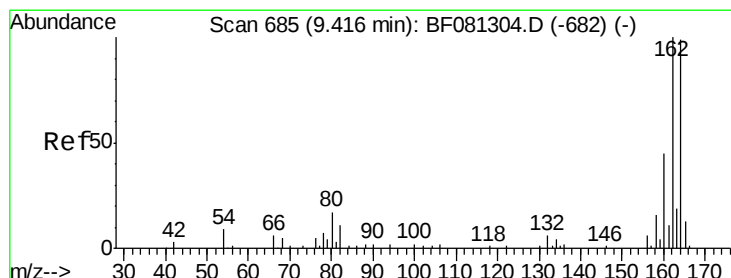
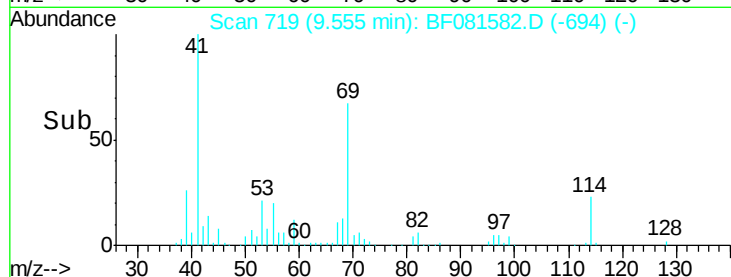
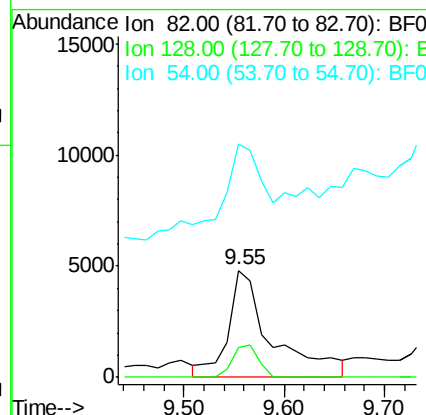
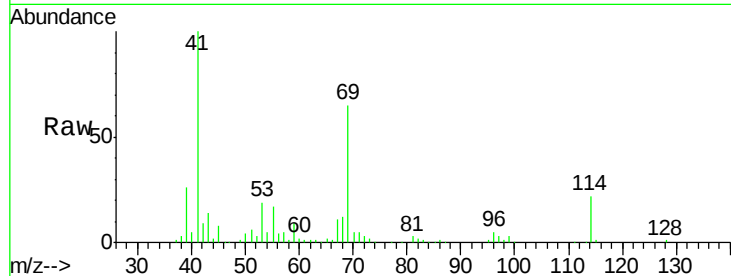




#23
 Nitrobenzene-d5
 Concen: 4.22 ng
 RT: 9.55 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

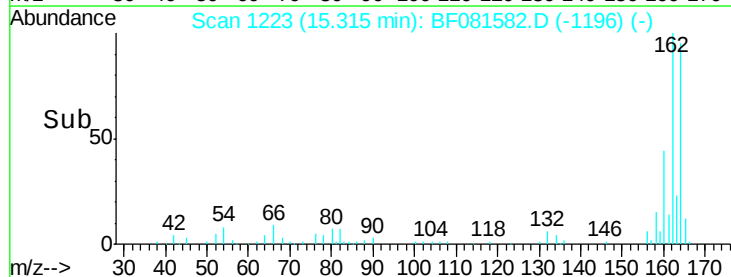
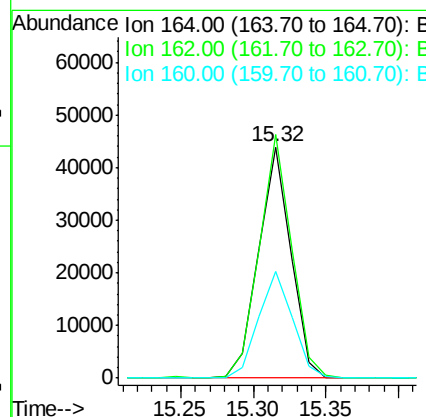
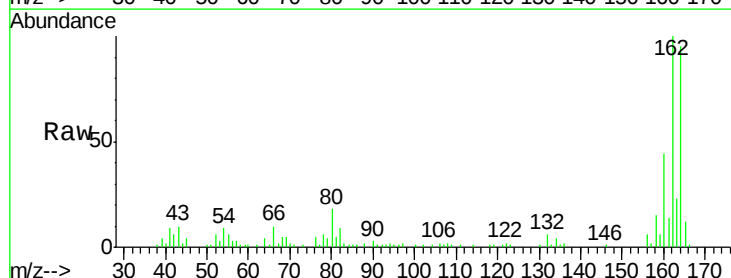
Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Tgt Ion: 82 Resp: 14526
 Ion Ratio Lower Upper
 82 100
 128 28.4 51.0 76.6#
 54 218.5 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

Tgt Ion: 164 Resp: 67940
 Ion Ratio Lower Upper
 164 100
 162 105.2 75.2 112.8
 160 46.3 31.5 47.3

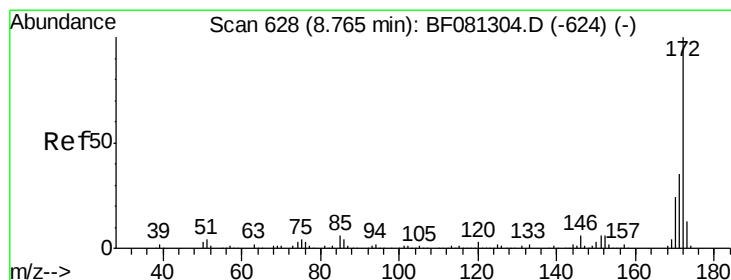
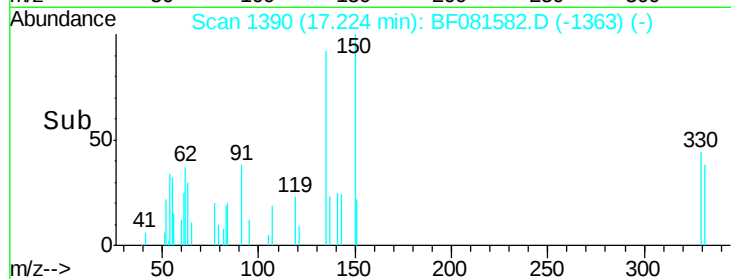
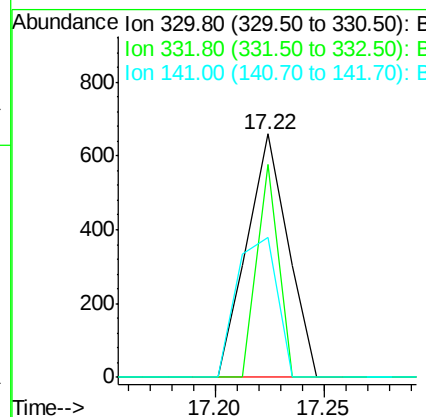
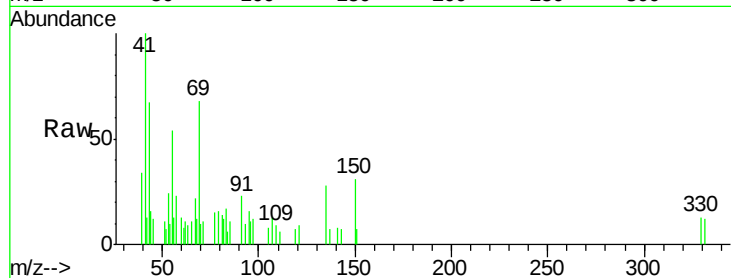




#41
 2,4,6-Tribromophenol
 Concen: 1.44 ng
 RT: 17.22 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

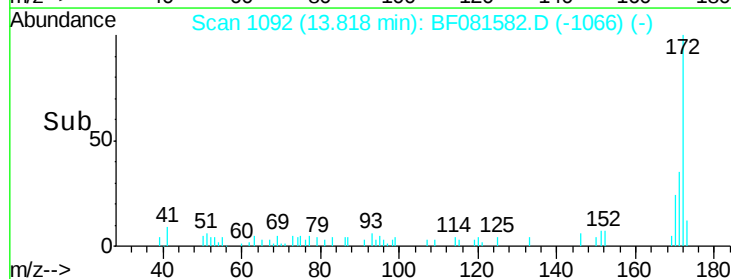
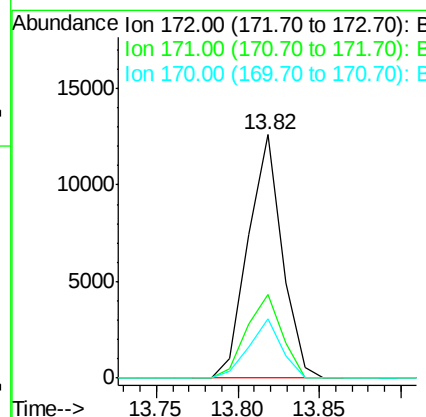
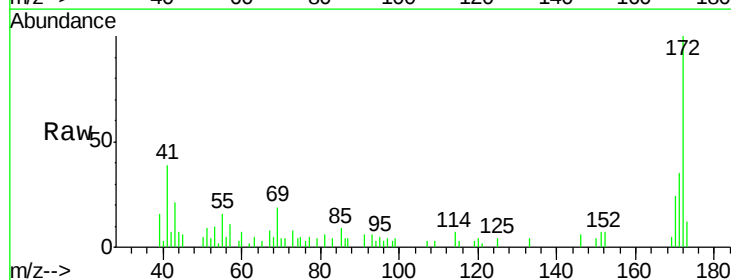
Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

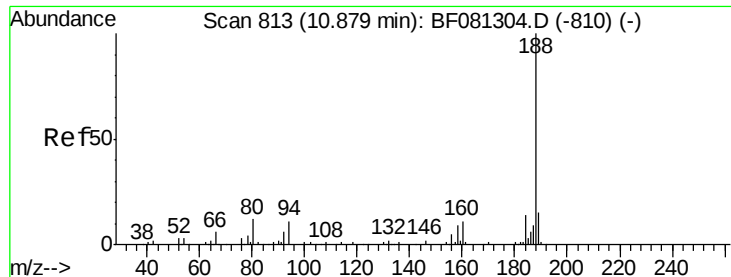
Tgt Ion:330 Resp: 869
 Ion Ratio Lower Upper
 330 100
 332 45.6 76.6 114.8#
 141 56.4 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 3.44 ng
 RT: 13.82 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

Tgt Ion:172 Resp: 18235
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.1 39.1
 170 24.2 17.4 26.2

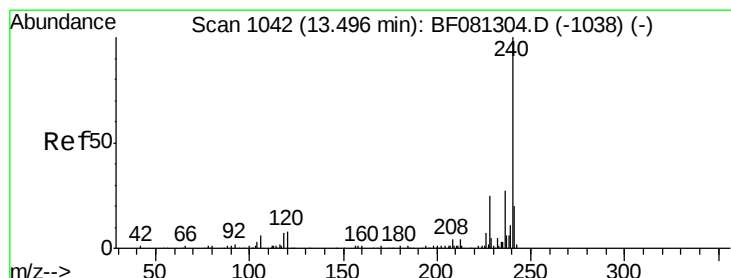
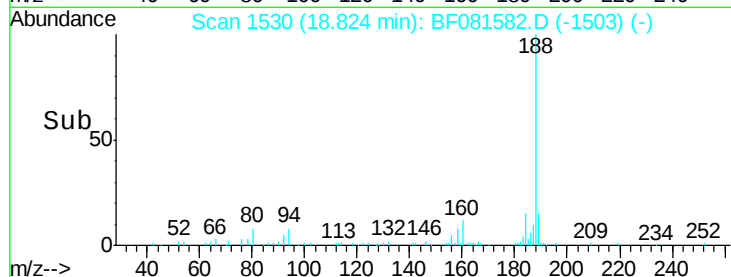
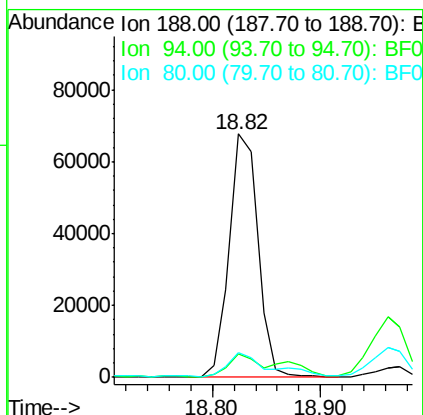
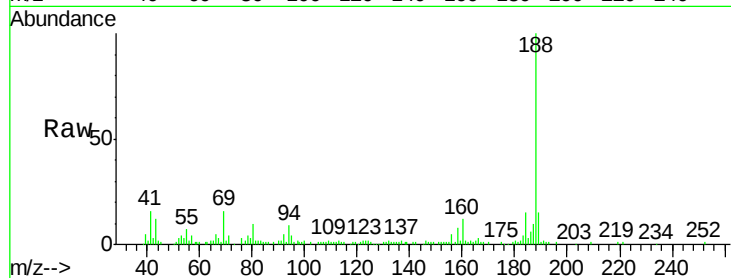




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.82 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF081582.D
Acq: 11 Sep 2015 00:01

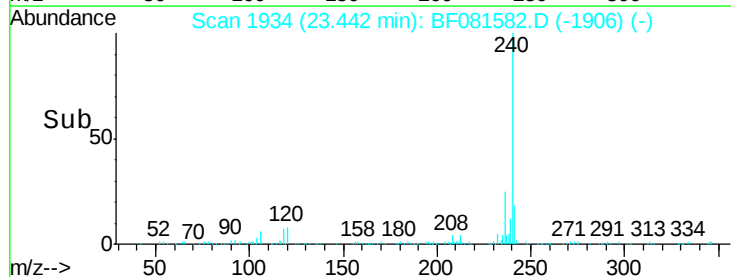
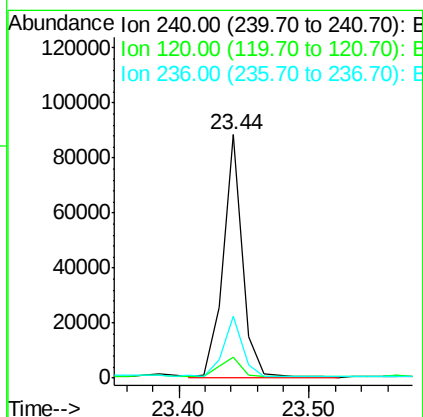
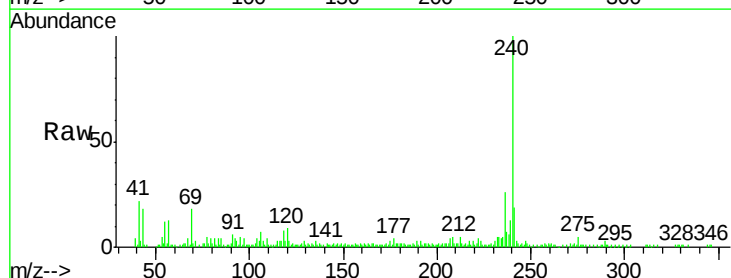
Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

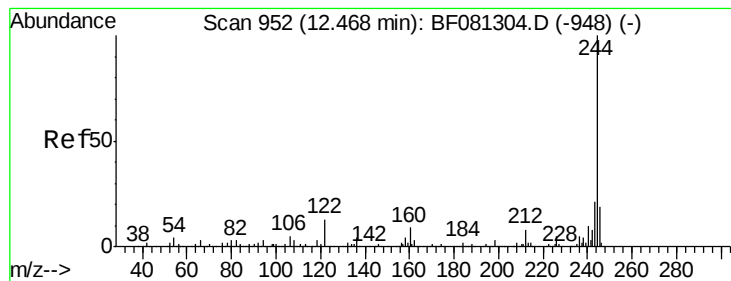
Tgt Ion:188 Resp: 123458
Ion Ratio Lower Upper
188 100
94 9.4 11.1 16.7#
80 10.0 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.44 min Scan# 1934
Delta R.T. 0.02 min
Lab File: BF081582.D
Acq: 11 Sep 2015 00:01

Tgt Ion:240 Resp: 89783
Ion Ratio Lower Upper
240 100
120 8.5 16.2 24.2#
236 25.5 18.4 27.6





#78

Terphenyl-d14

Concen: 3.79 ng

RT: 22.16 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

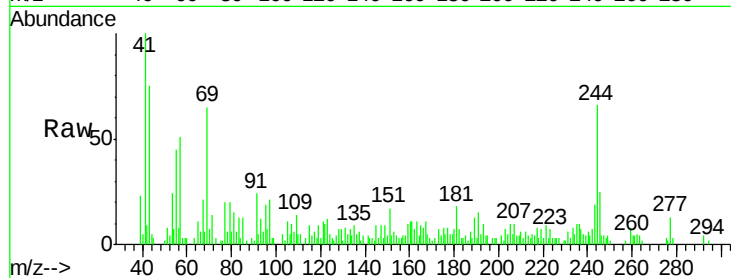
Tgt Ion:244 Resp: 14613

Ion Ratio Lower Upper

244 100

212 9.0 4.3 6.5#

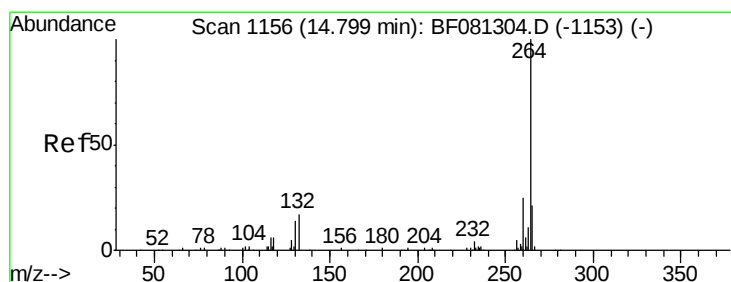
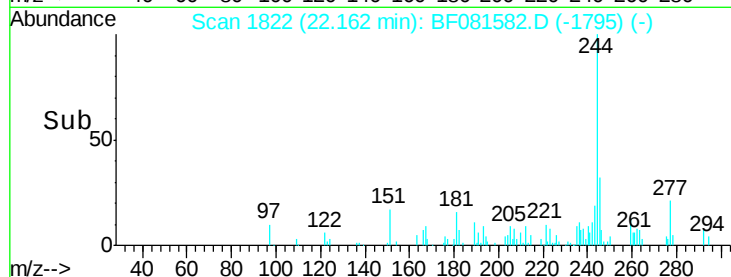
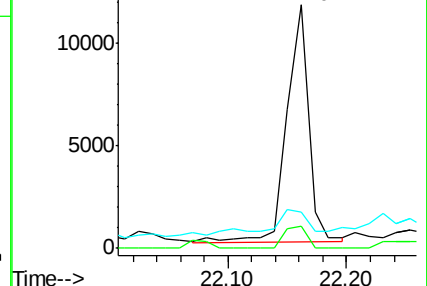
122 14.7 17.4 26.2#



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: 24.87 min Scan# 2059

Delta R.T. 0.02 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

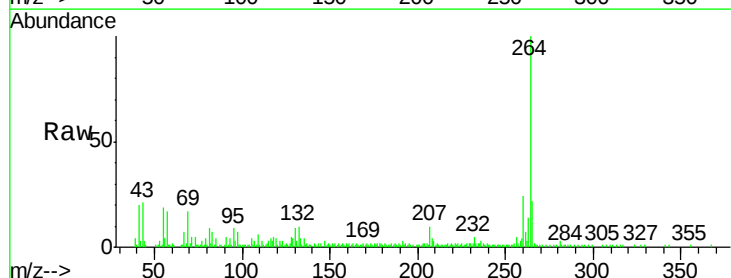
Tgt Ion:264 Resp: 52578

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 22.0 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

