

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096423.D
 Acq On : 2 Jul 2017 18:31
 Operator : SJ/MA
 Sample : I3950-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-2

Quant Time: Jul 03 05:58:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	99077	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	373407	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	136510	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	200199	20.00	ng	0.00
75) Chrysene-d12	13.87	240	165172	20.00	ng	0.00
86) Perylene-d12	15.29	264	103793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	72003	10.73	ng	-0.01
7) Phenol-d6	6.36	99	85180	10.32	ng	-0.02
23) Nitrobenzene-d5	7.29	82	44608	7.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	10893	10.22	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	92843	11.63	ng	-0.01
78) Terphenyl-d14	12.82	244	56462	7.30	ng	-0.01

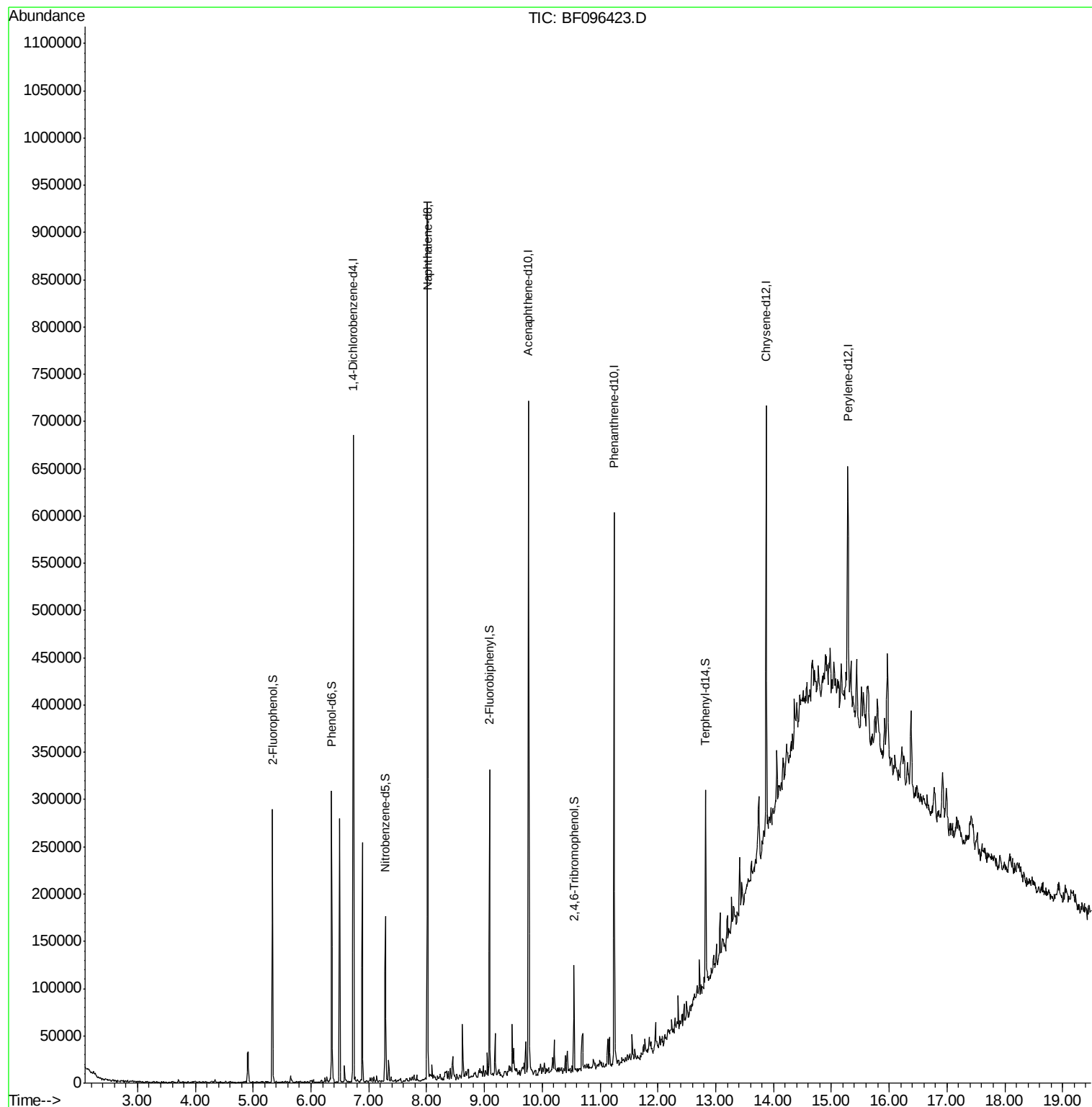
Target Compounds	Qvalue
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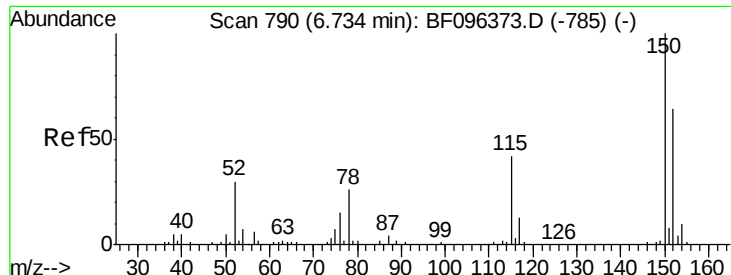
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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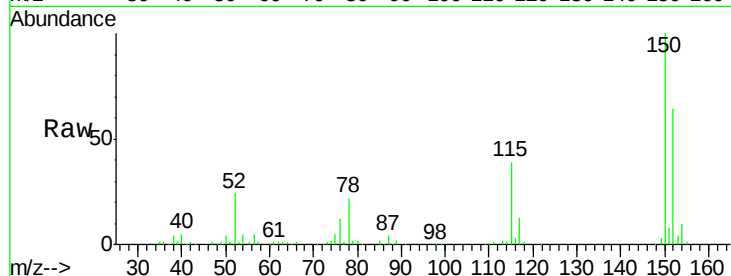


#1

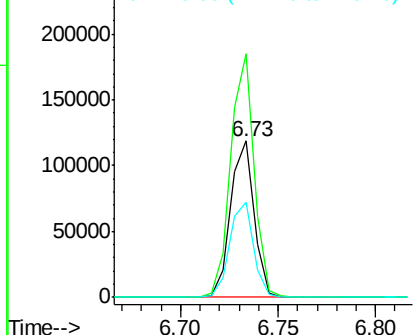
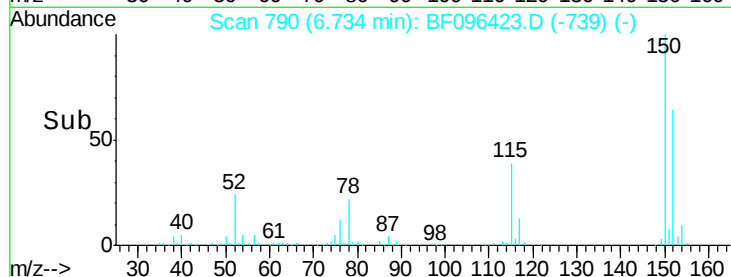
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096423.D
Acq: 2 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :
B4-0-2

Tgt Ion:152 Resp: 99077
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 60.8 52.2 78.2



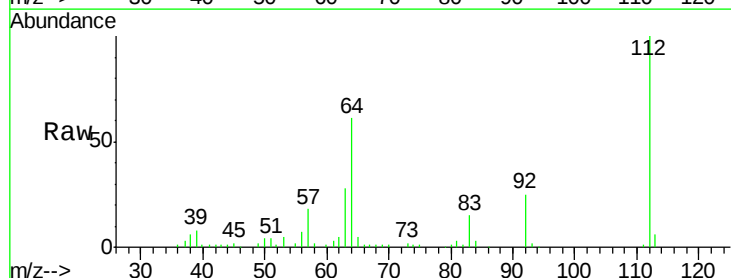
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



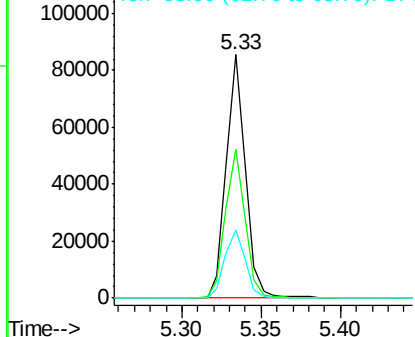
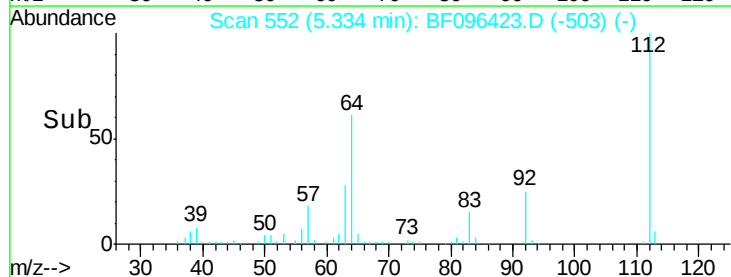
#5

2-Fluorophenol
Concen: 10.726 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF096423.D
Acq: 2 Jul 2017 18:31

Tgt Ion:112 Resp: 72003
Ion Ratio Lower Upper
112 100
64 61.4 46.0 69.0
63 27.9 23.4 35.0



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: 10.322 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096423.D

Acq: 2 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

B4-0-2

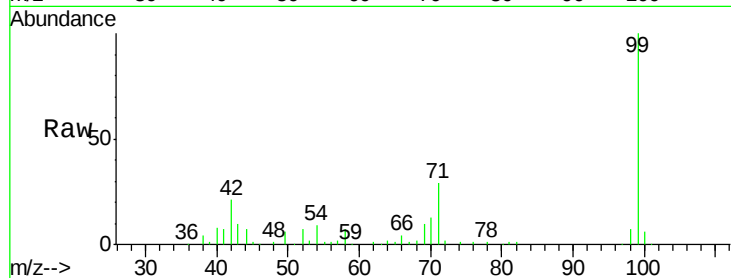
Tgt Ion: 99 Resp: 85180

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

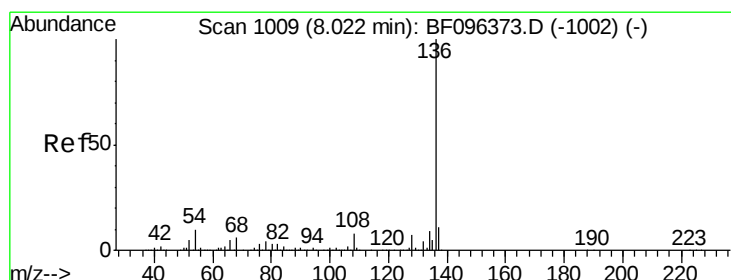
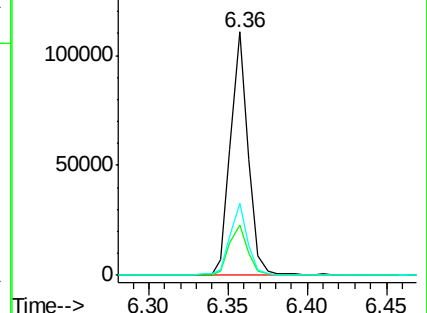
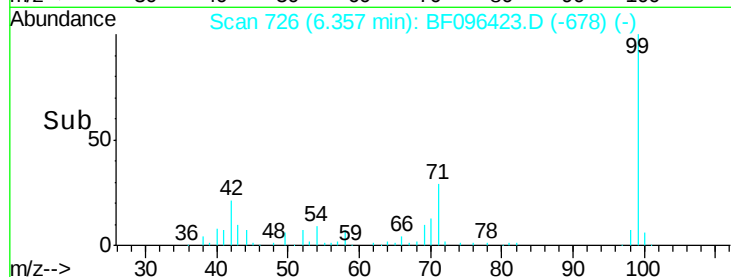
71 29.4 24.5 36.7



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: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096423.D

Acq: 2 Jul 2017 18:31

Tgt Ion: 136 Resp: 373407

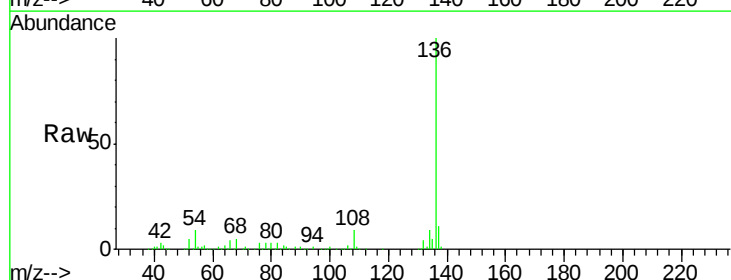
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.4 4.9 7.3#

68 4.8 4.1 6.1

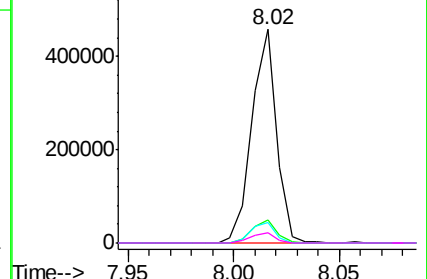
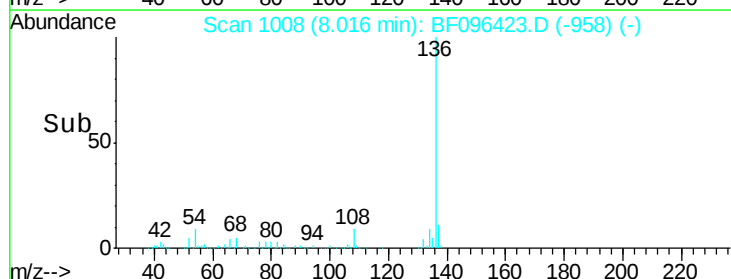


Abundance Ion 136.00 (135.70 to 136.70): E

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

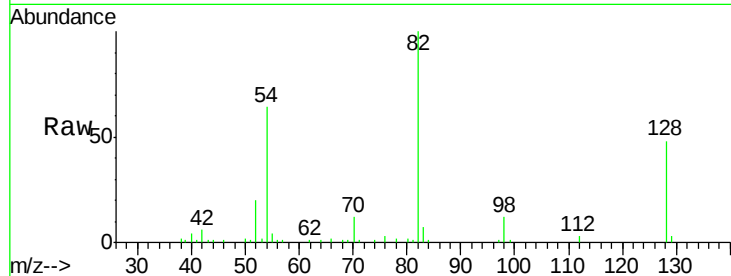




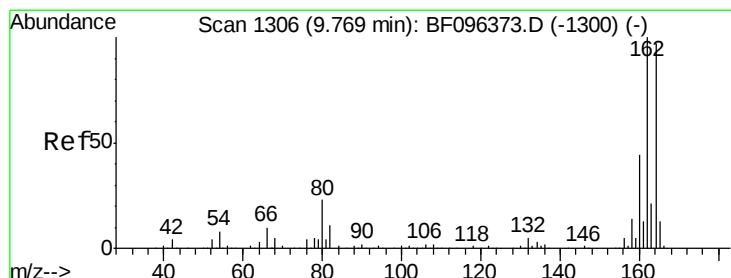
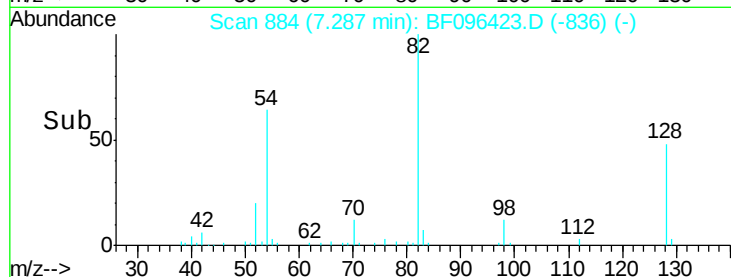
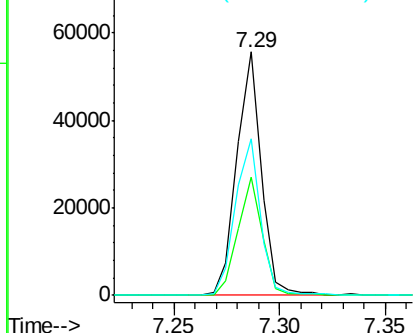
#23
 Nitrobenzene-d5
 Concen: 7.179 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096423.D
 Acq: 2 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-2

Tgt Ion: 82 Resp: 44608
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 64.2 42.2 63.2#

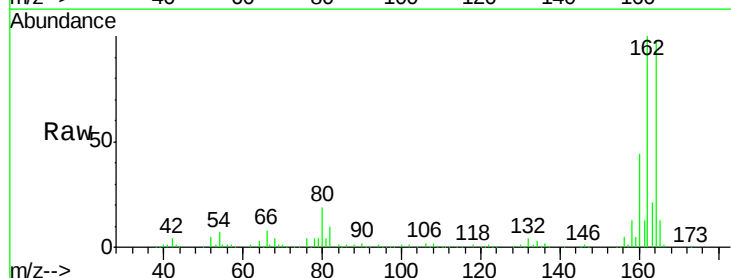


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

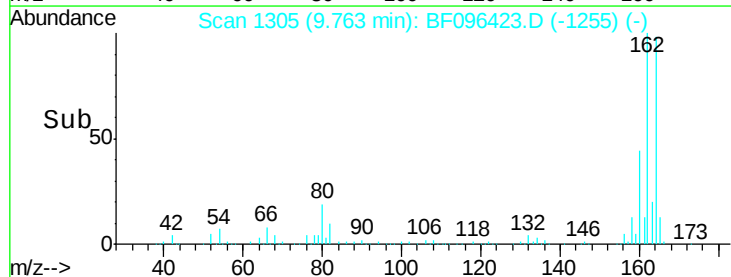
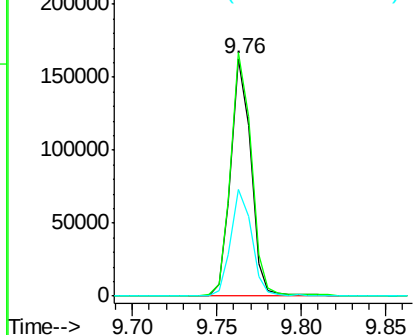


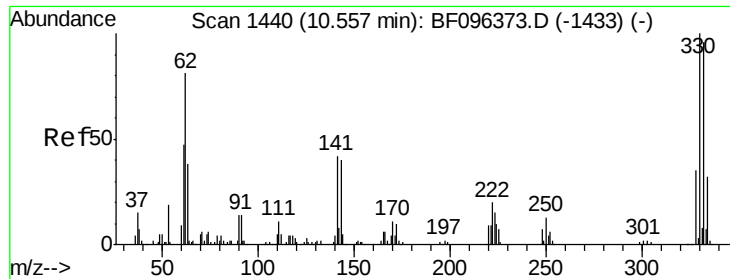
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096423.D
 Acq: 2 Jul 2017 18:31

Tgt Ion: 164 Resp: 136510
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

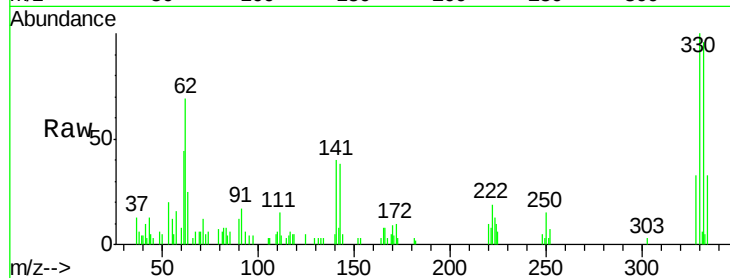




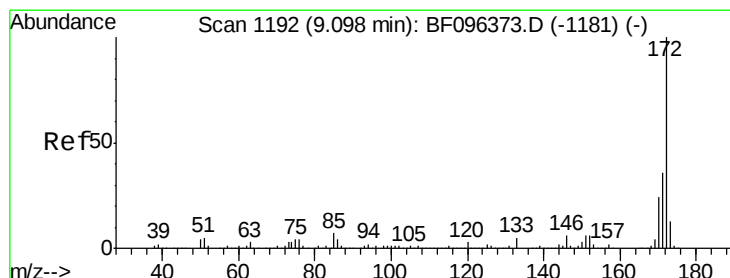
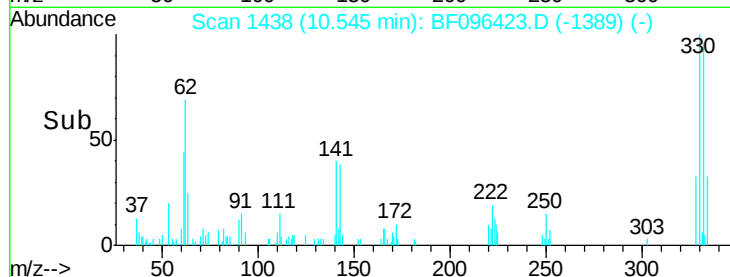
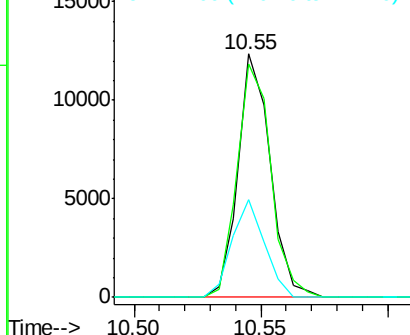
#41
 2,4,6-Tribromophenol
 Concen: 10.216 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096423.D
 Acq: 2 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 B4-0-2

Tgt Ion:330 Resp: 10893
 Ion Ratio Lower Upper
 330 100
 332 101.0 76.6 115.0
 141 40.6 31.4 47.2

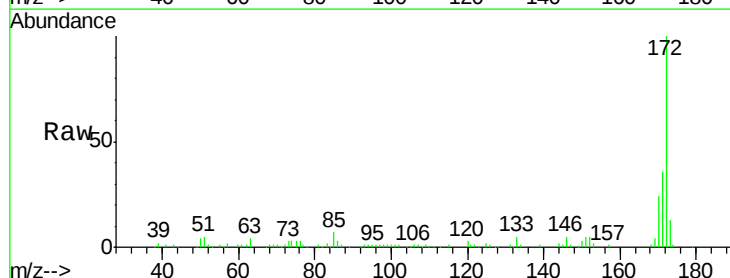


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

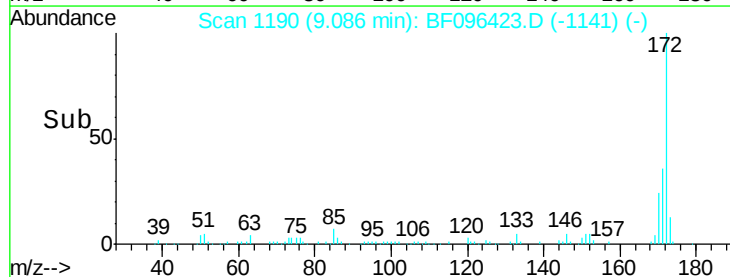
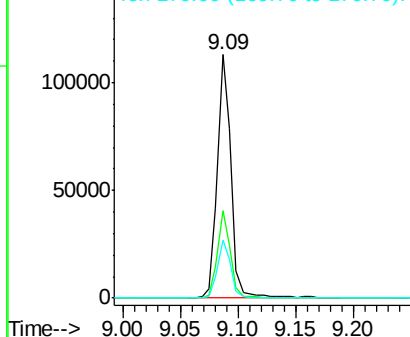


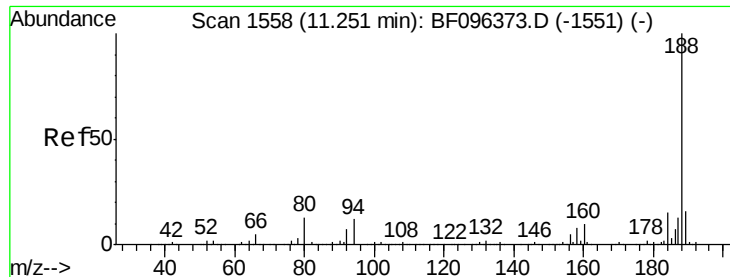
#44
 2-Fluorobiphenyl
 Concen: 11.628 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096423.D
 Acq: 2 Jul 2017 18:31

Tgt Ion:172 Resp: 92843
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8



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

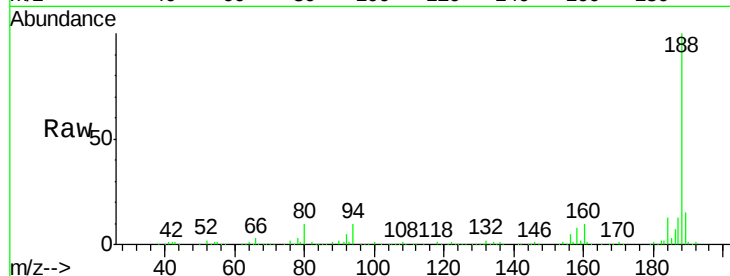




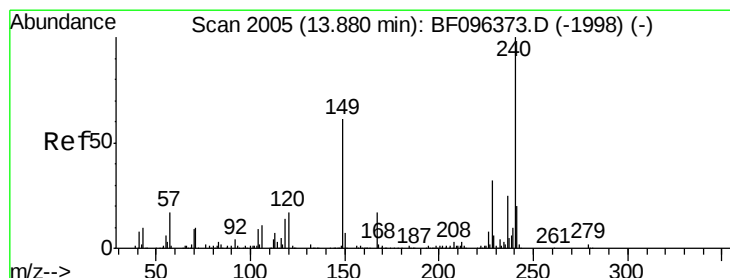
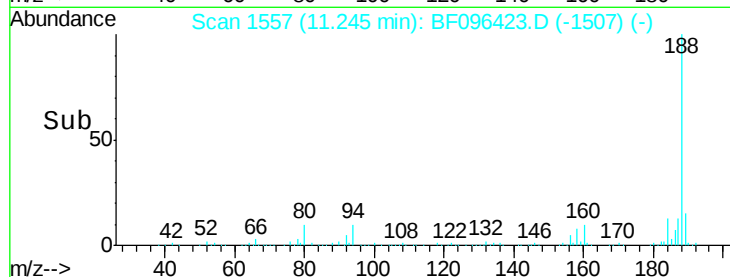
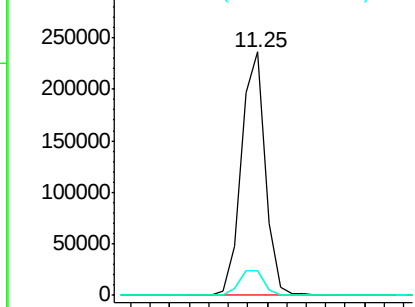
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096423.D
Acq: 2 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
B4-0-2

Tgt Ion:188 Resp: 200199
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.1 10.2 15.2#

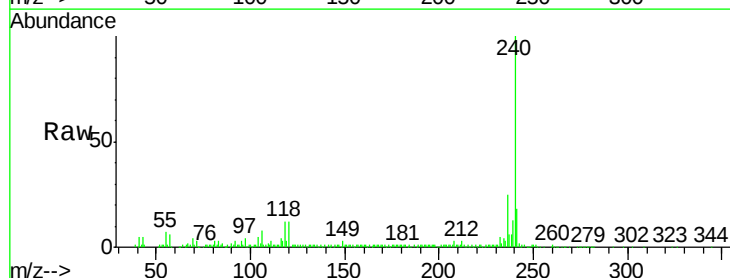


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

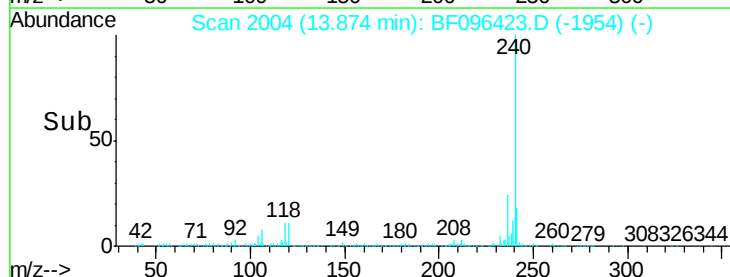
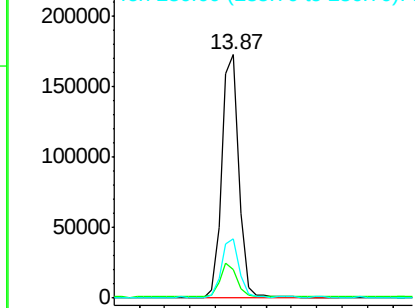


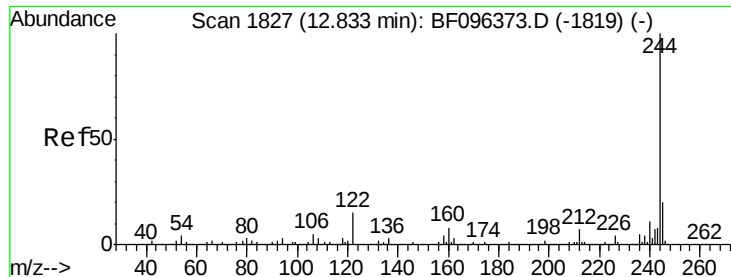
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096423.D
Acq: 2 Jul 2017 18:31

Tgt Ion:240 Resp: 165172
Ion Ratio Lower Upper
240 100
120 11.8 5.8 8.8#
236 24.6 20.5 30.7



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: 7.305 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096423.D

Acq: 2 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

B4-0-2

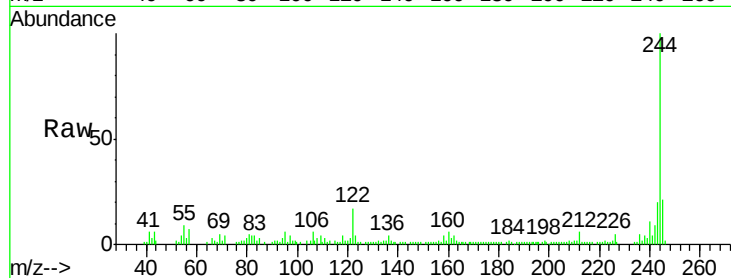
Tgt Ion:244 Resp: 56462

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

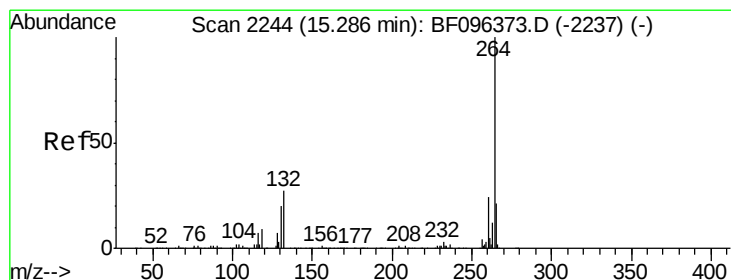
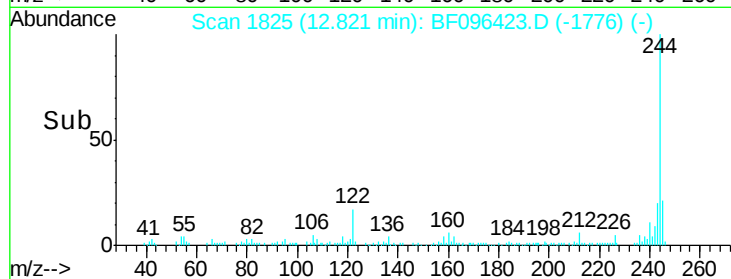
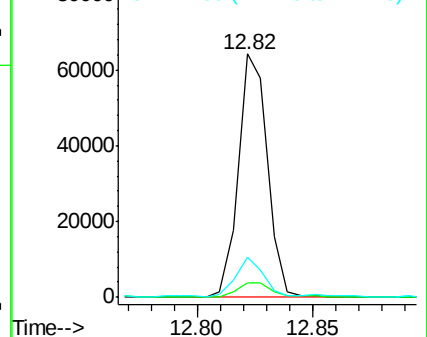
122 16.7 10.3 15.5#



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: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF096423.D

Acq: 2 Jul 2017 18:31

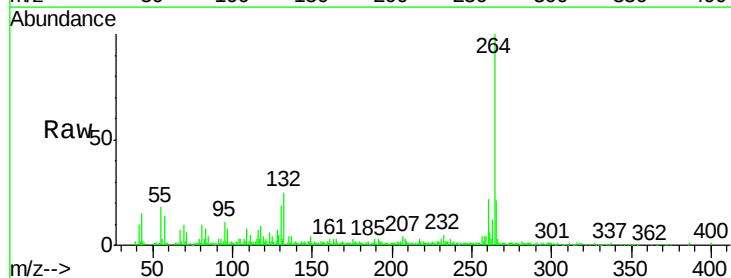
Tgt Ion:264 Resp: 103793

Ion Ratio Lower Upper

264 100

260 22.0 19.5 29.3

265 21.4 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

