

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096407.D
 Acq On : 2 Jul 2017 11:07
 Operator : SJ/MA
 Sample : PB100306BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BL

Quant Time: Jul 03 05:02:33 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	144110	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	564406	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	259451	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	461619	20.00	ng	0.00
75) Chrysene-d12	13.87	240	388428	20.00	ng	0.00
86) Perylene-d12	15.29	264	257703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	962390	98.57	ng	0.01
7) Phenol-d6	6.37	99	1273583	106.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	737737	78.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	249697	123.21	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1253333	82.59	ng	0.00
78) Terphenyl-d14	12.83	244	1095457	60.26	ng	0.00

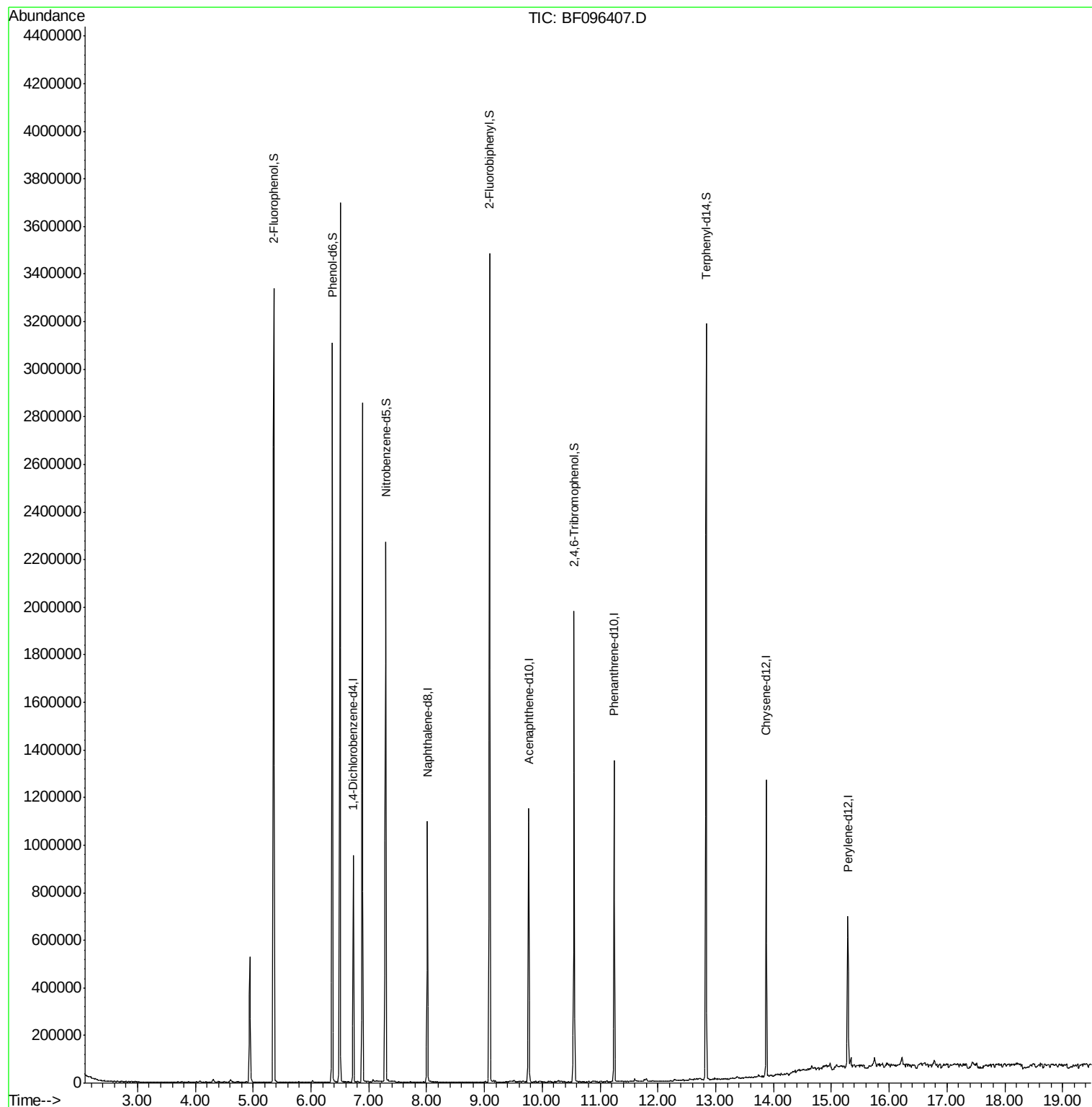
Target Compounds	Qvalue
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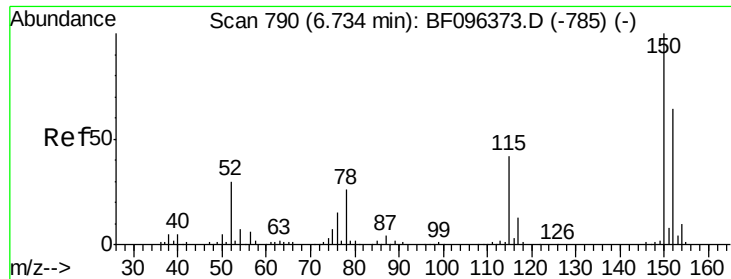
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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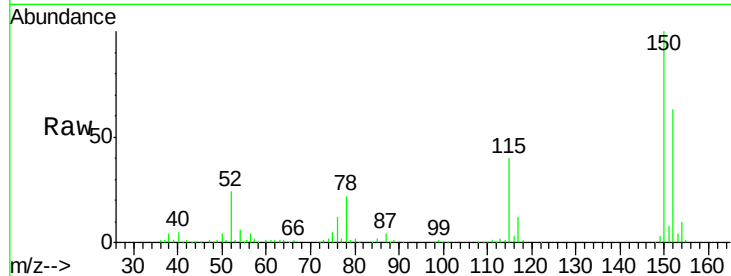


#1

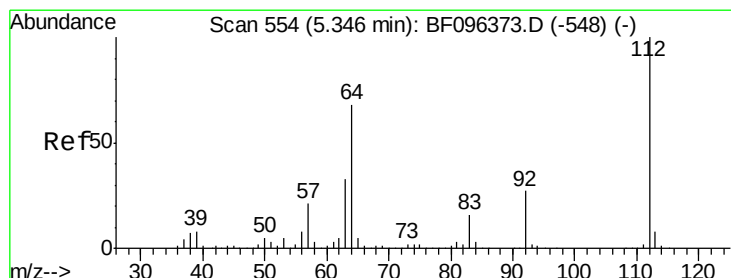
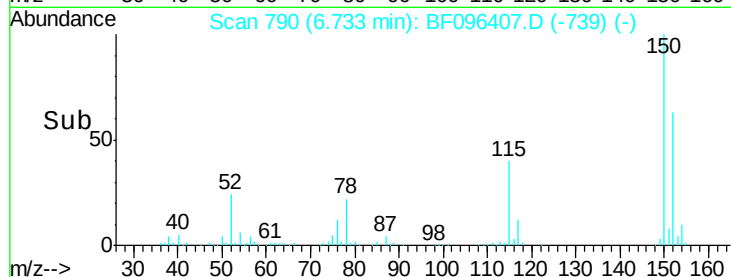
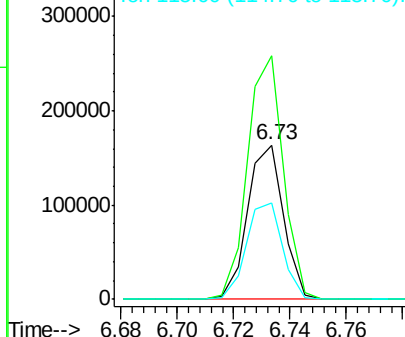
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PB100306BL

Tgt Ion:152 Resp: 144110
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.3 52.2 78.2



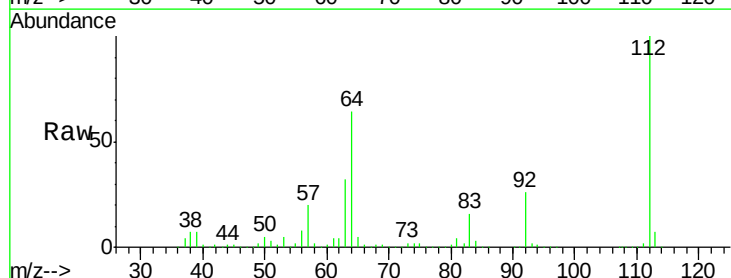
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



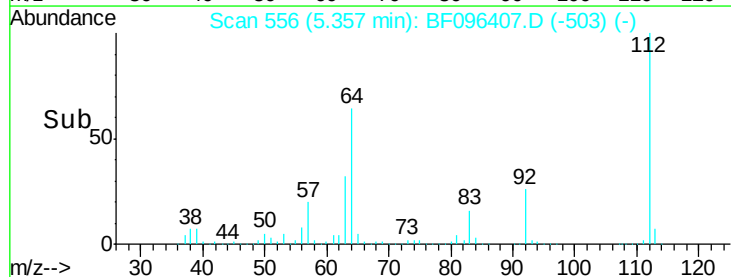
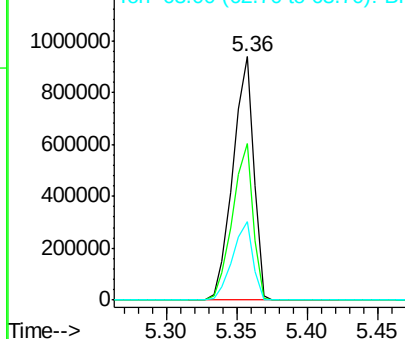
#5

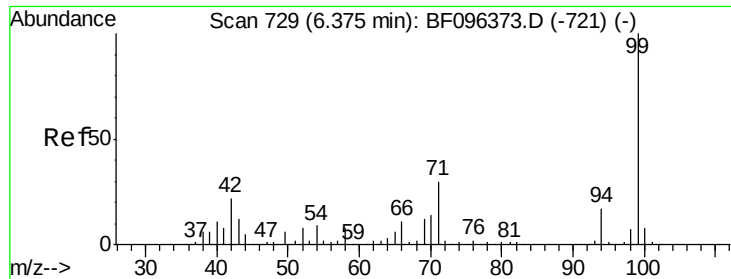
2-Fluorophenol
Concen: 98.568 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Tgt Ion:112 Resp: 962390
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 32.2 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: 106.103 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096407.D

Acq: 2 Jul 2017 11:07

Instrument :

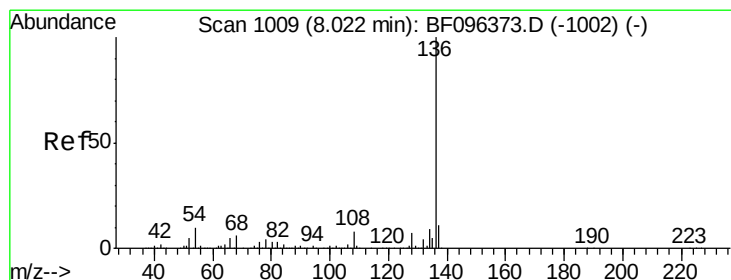
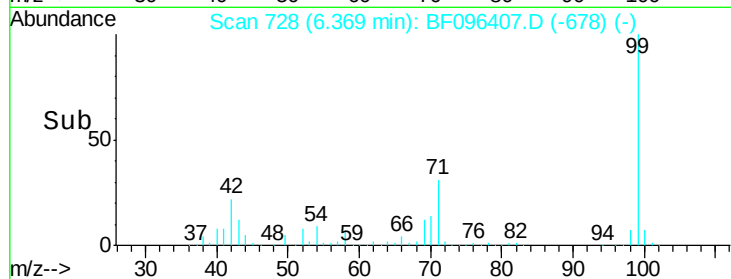
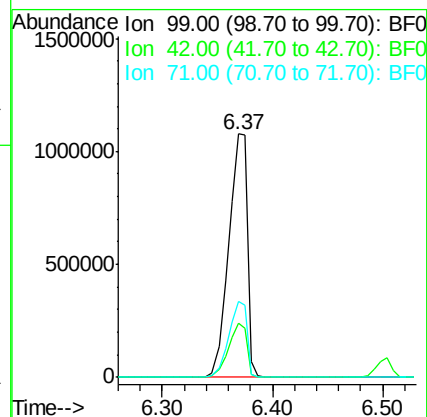
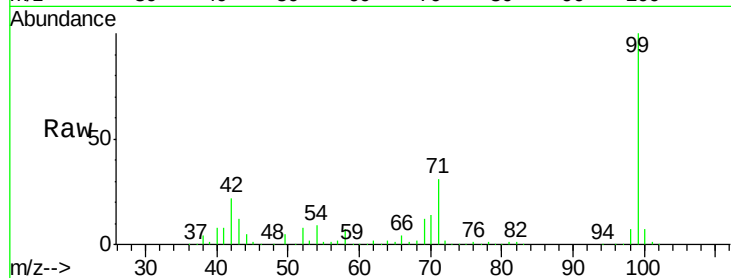
BNA_F

ClientSampled :

PB100306BL

Tgt Ion: 99 Resp: 1273583

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.3	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

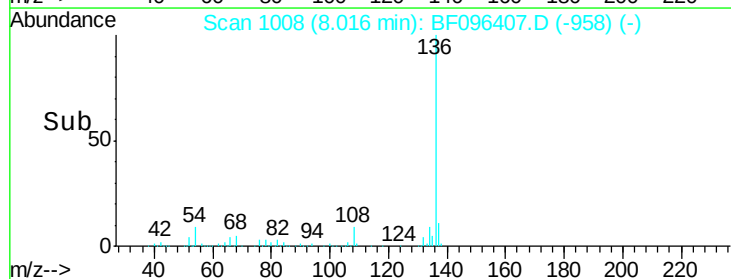
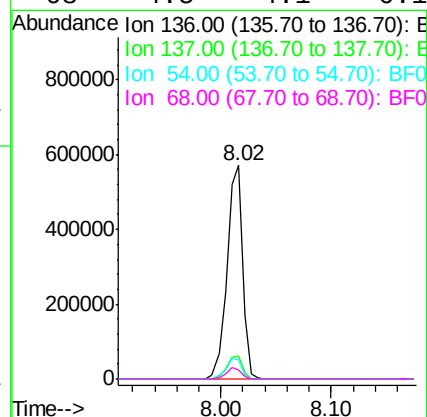
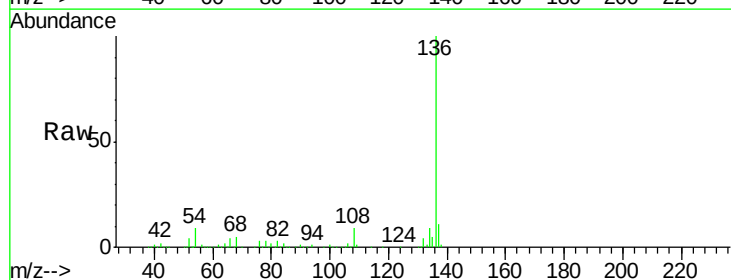
Delta R.T. -0.01 min

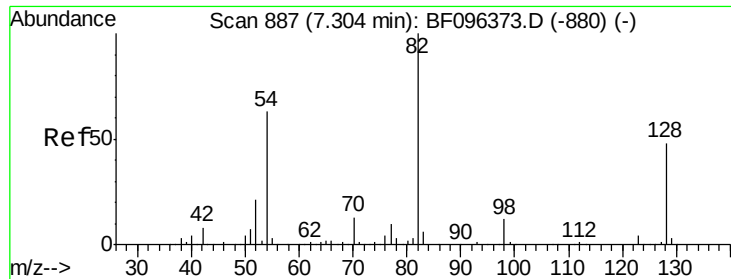
Lab File: BF096407.D

Acq: 2 Jul 2017 11:07

Tgt Ion: 136 Resp: 564406

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.9	4.9	7.3#
68	4.5	4.1	6.1

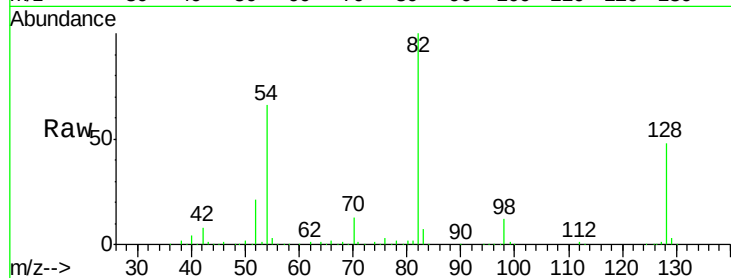




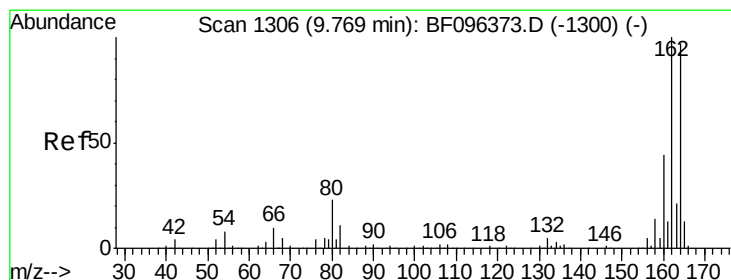
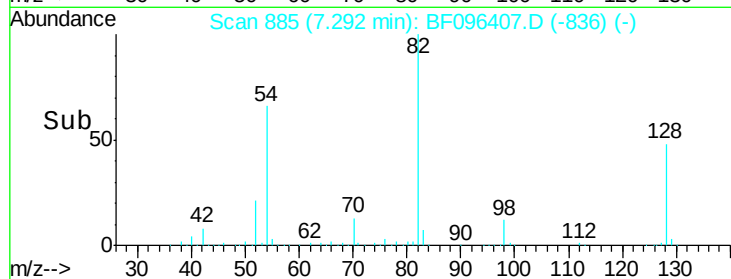
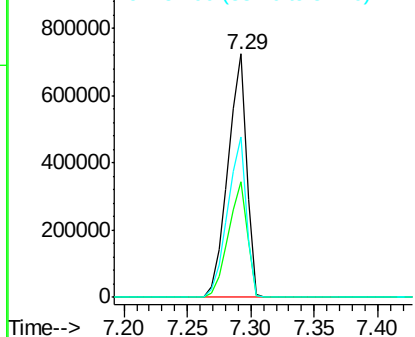
#23
 Nitrobenzene-d5
 Concen: 78.545 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BL

Tgt Ion: 82 Resp: 737737
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 65.8 42.2 63.2#

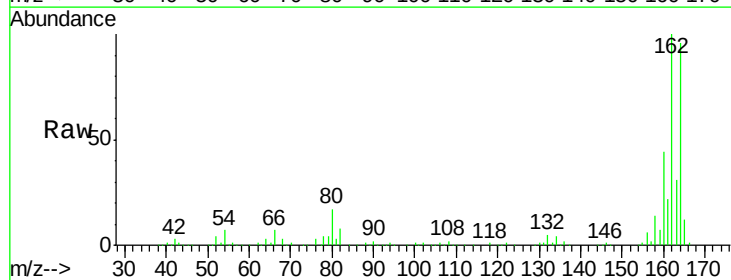


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

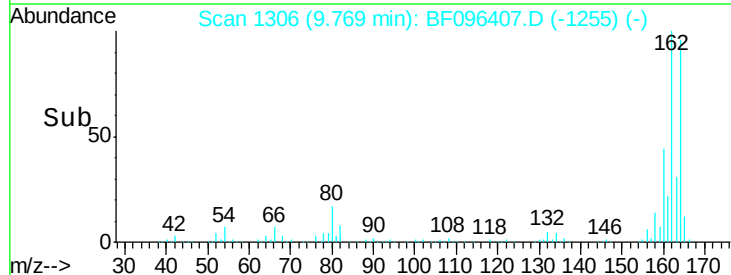
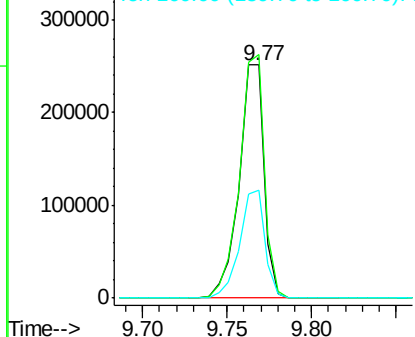


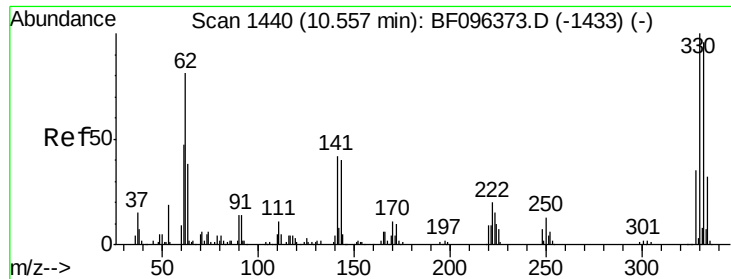
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Tgt Ion: 164 Resp: 259451
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 46.2 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

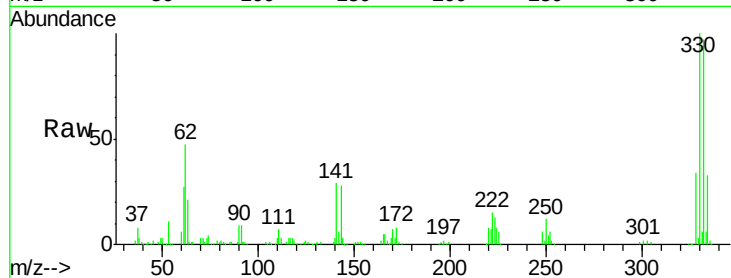




#41
 2,4,6-Tribromophenol
 Concen: 123.208 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	37.4	31.4	47.2

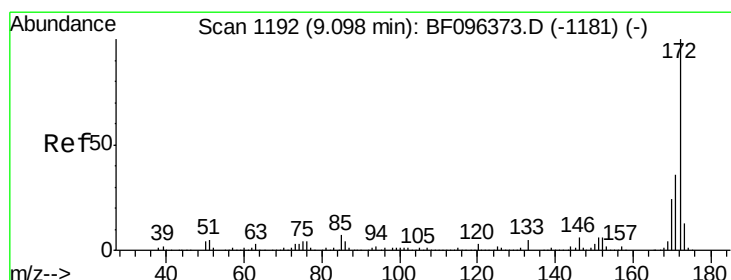
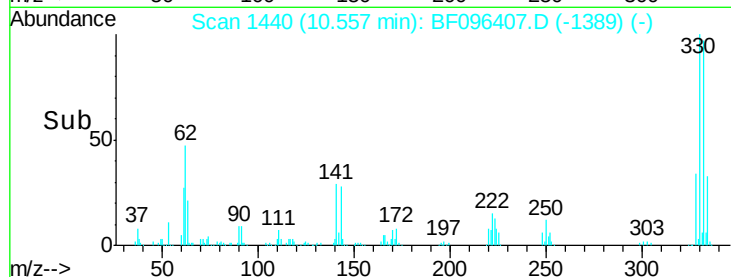
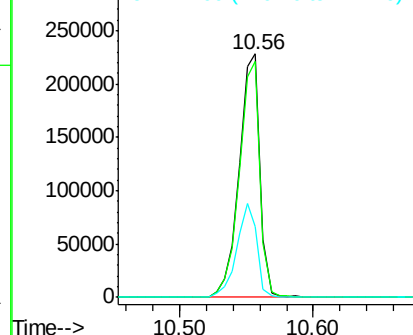


Abundance

Ion 329.80 (329.50 to 330.50): E

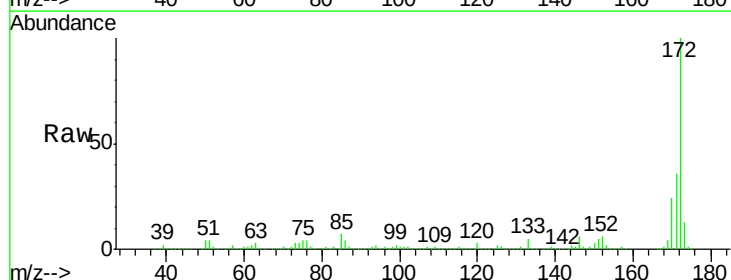
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.594 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8

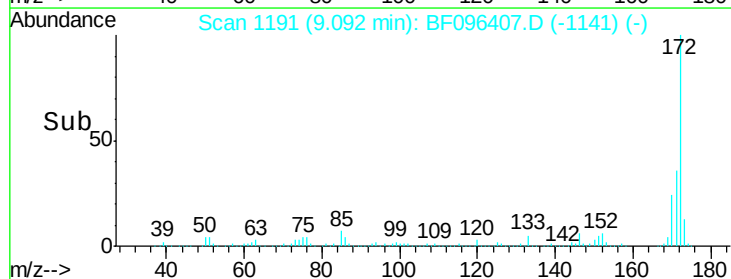
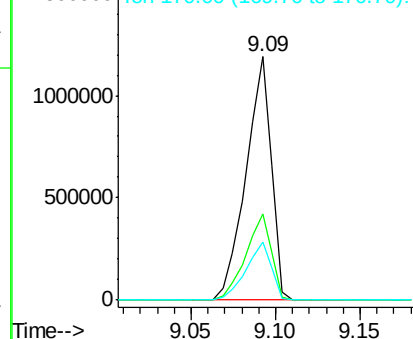


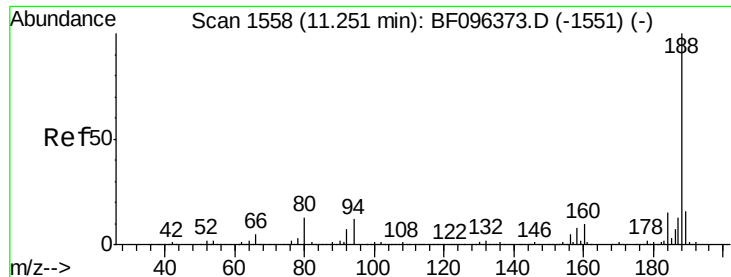
Abundance

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

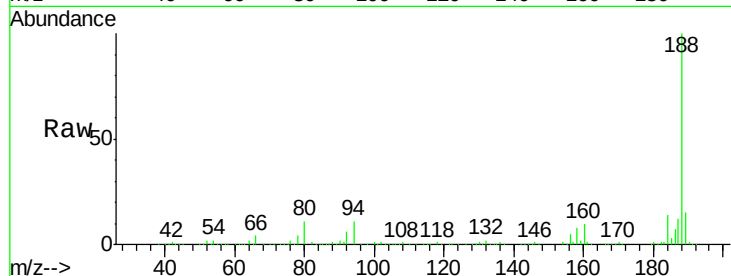




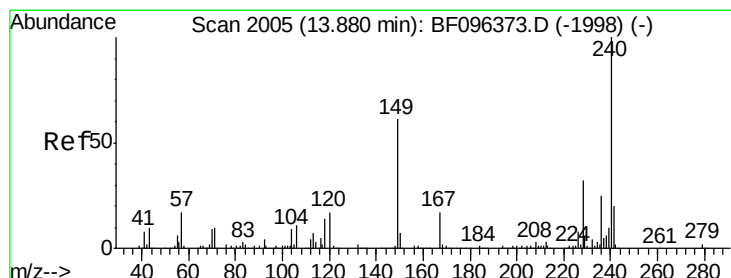
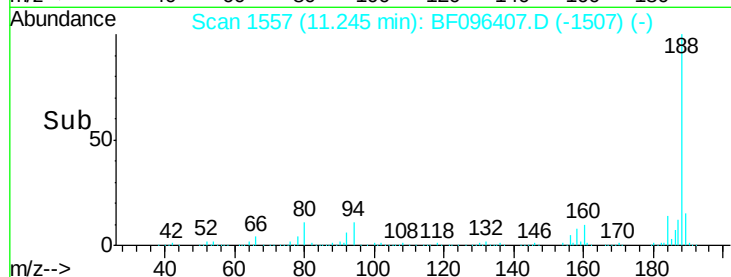
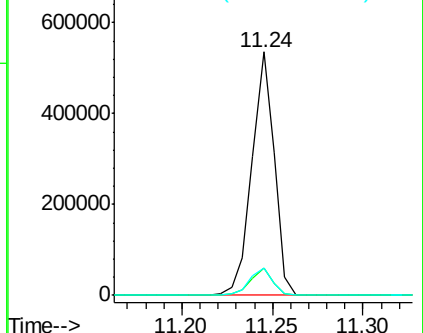
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Instrument :
BNA_F
ClientSampleId :
PB100306BL

Tgt Ion:188 Resp: 461619
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.5 10.2 15.2

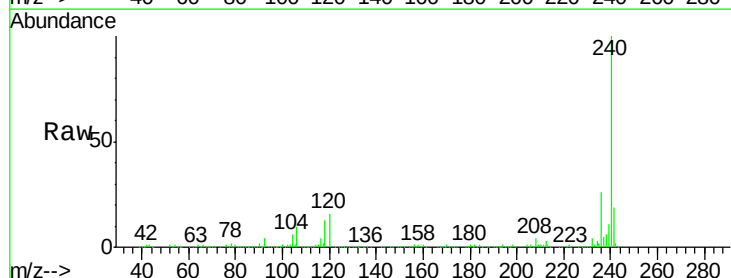


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

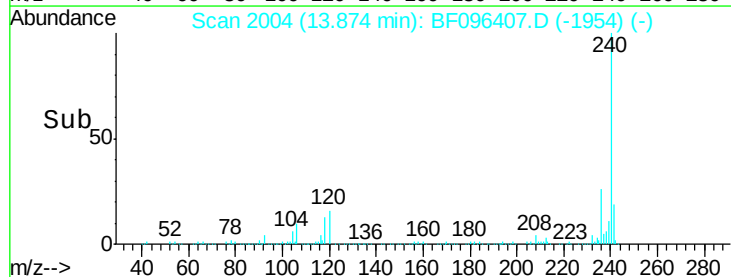
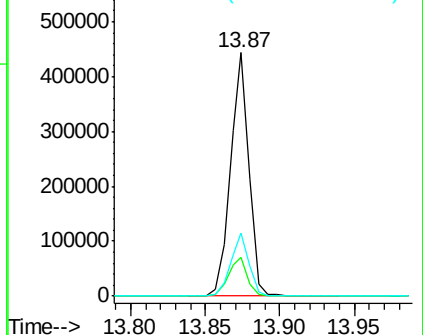


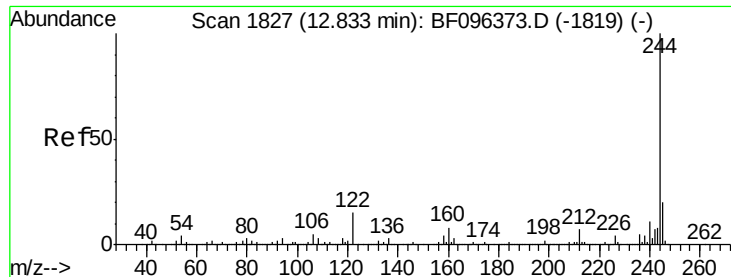
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096407.D
Acq: 2 Jul 2017 11:07

Tgt Ion:240 Resp: 388428
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 25.8 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

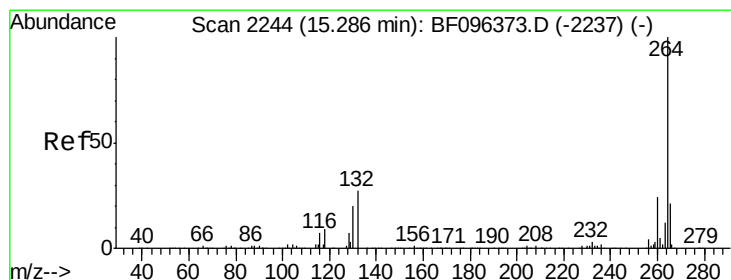
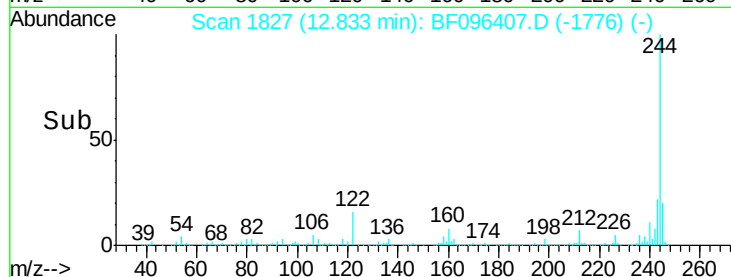
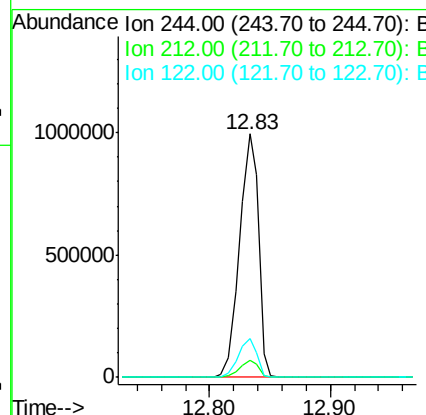
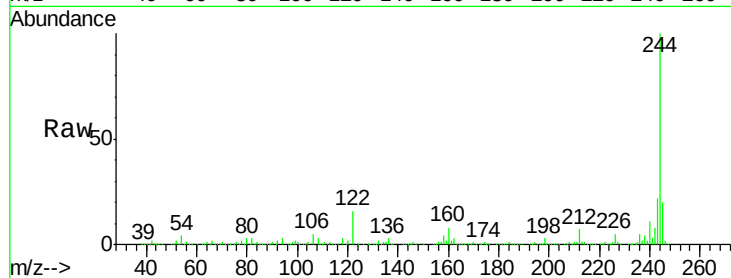




#78
 Terphenyl-d14
 Concen: 60.264 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Instrument :
 BNA_F
 ClientSampleId :
 PB100306BL

Tgt Ion:244 Resp: 1095457
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096407.D
 Acq: 2 Jul 2017 11:07

Tgt Ion:264 Resp: 257703
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.9 17.2 25.8

