

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089486.D
 Acq On : 31 Jul 2016 22:48
 Operator : UM/SJ
 Sample : H4251-12 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

Quant Time: Aug 01 06:49:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	35172	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	117445	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	48400	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	94015	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	95628	20.00	ng	-0.01
86) Perylene-d12	14.95	264	65185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	21052	9.56	ng	0.00
7) Phenol-d6	6.16	99	30046	10.32	ng	-0.01
23) Nitrobenzene-d5	7.07	82	16327	8.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	3985	9.94	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	26563	8.05	ng	-0.01
78) Terphenyl-d14	12.57	244	21085	5.16	ng	-0.01

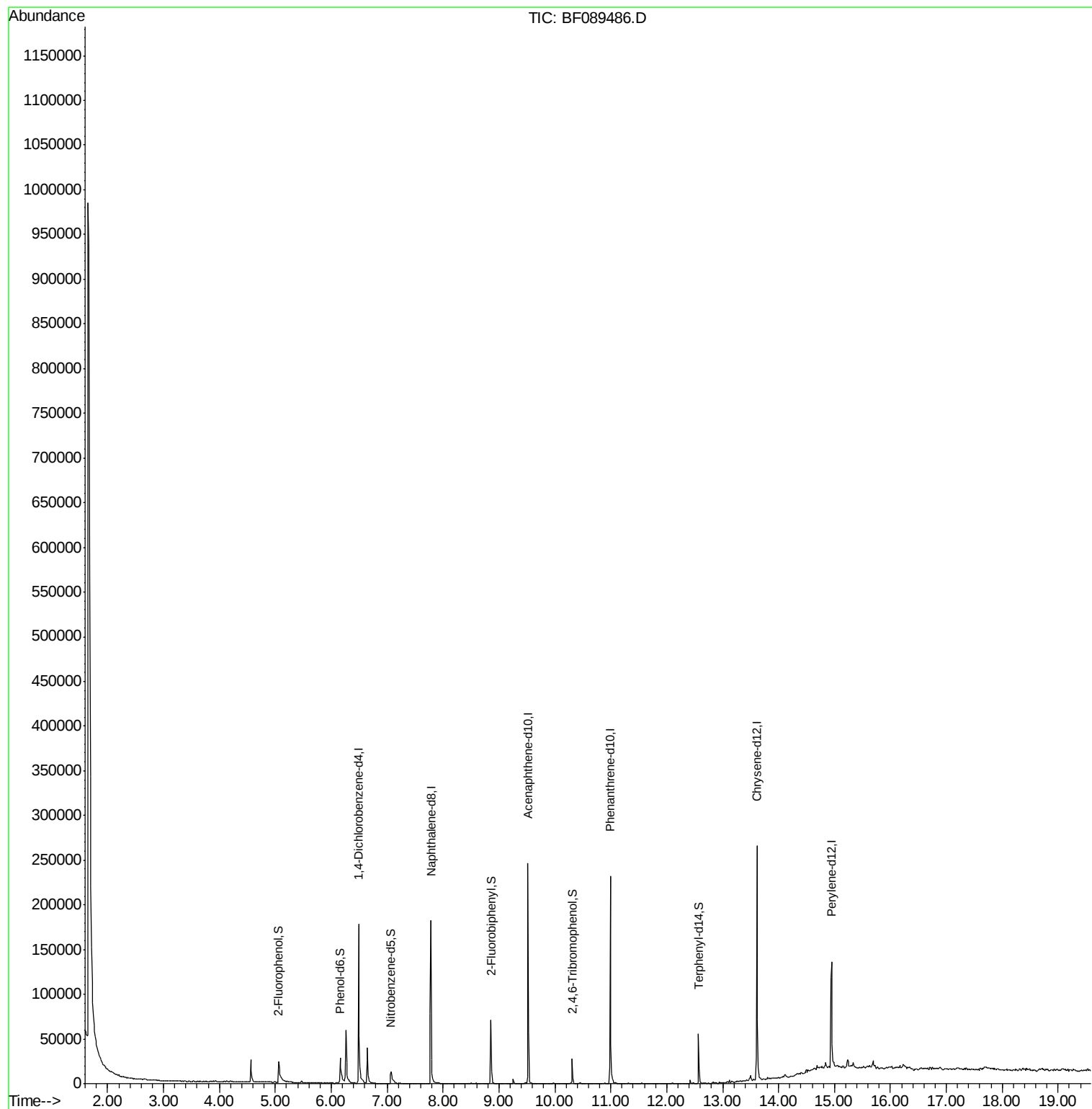
Target Compounds Qvalue

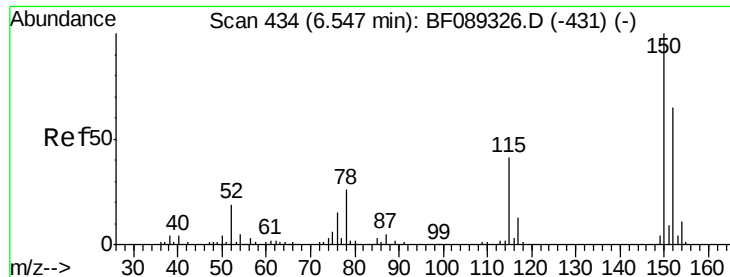
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Instrument :

BNA_F

ClientSampleId :

DUP-Y

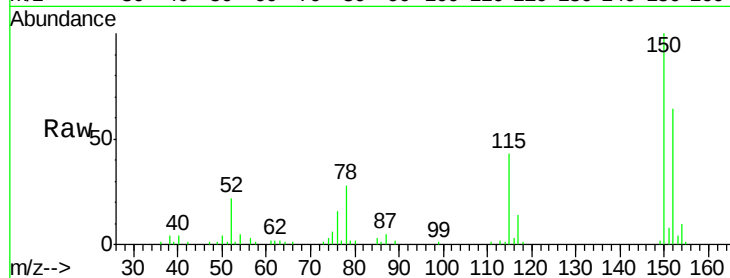
Tot Ion:152 Resp: 35172

Ion Ratio Lower Upper

152 100

150 155.7 129.5 194.3

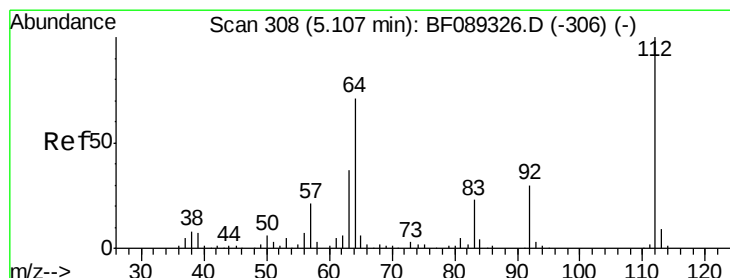
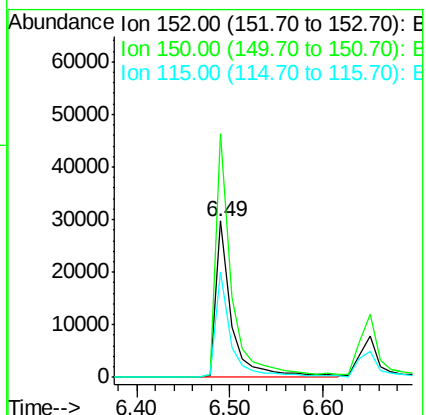
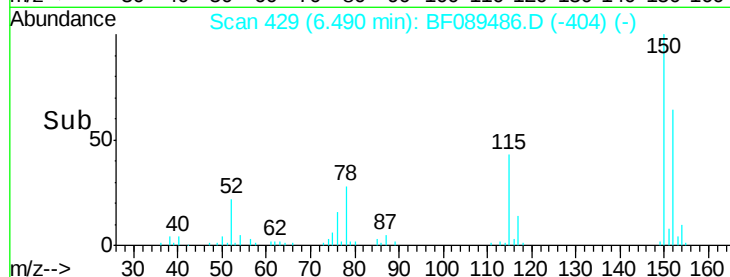
115 67.7 51.4 77.2



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: 9.56 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

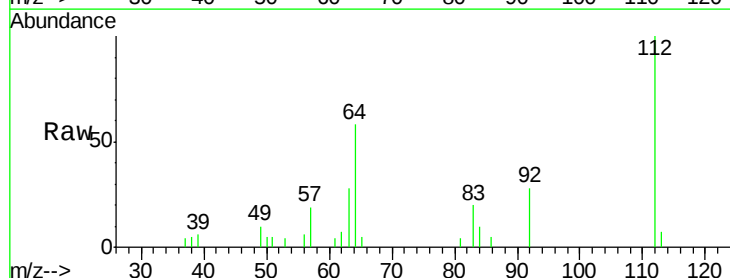
Tgt Ion:112 Resp: 21052

Ion Ratio Lower Upper

112 100

64 57.8 55.0 82.6

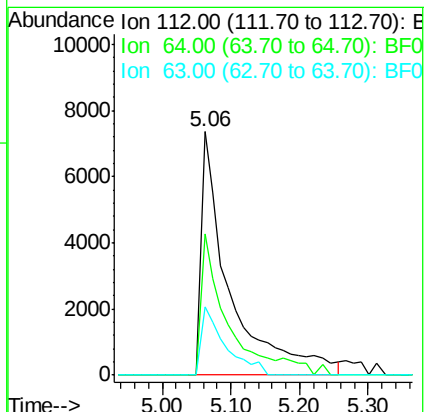
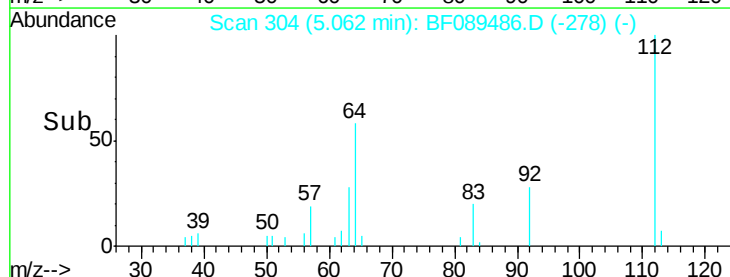
63 28.1 29.4 44.2#



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: 10.32 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Instrument :

BNA_F

ClientSampleId :

DUP-Y

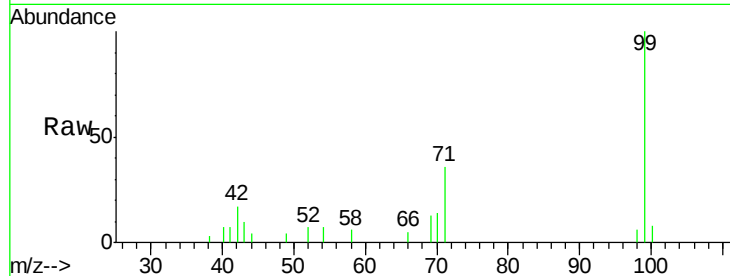
Tot Ion: 99 Resp: 30046

Ion Ratio Lower Upper

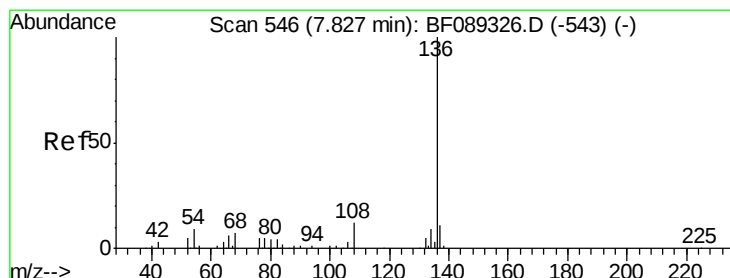
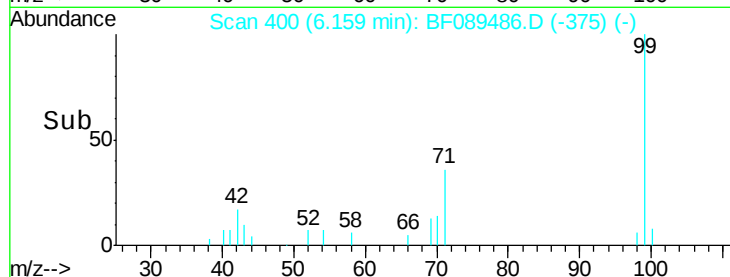
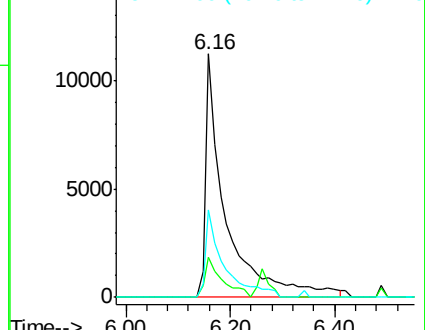
99 100

42 16.6 13.6 20.4

71 35.9 29.4 44.2



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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089486.D

Acq: 31 Jul 2016 22:48

Tgt Ion: 136 Resp: 117445

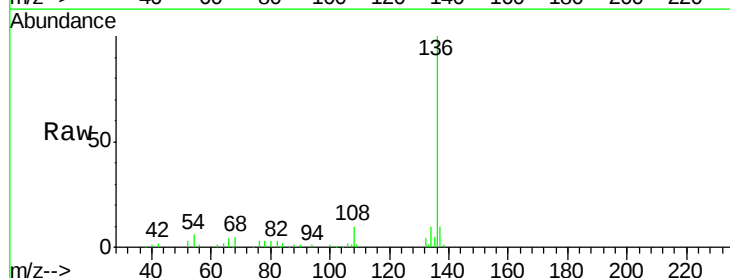
Ion Ratio Lower Upper

136 100

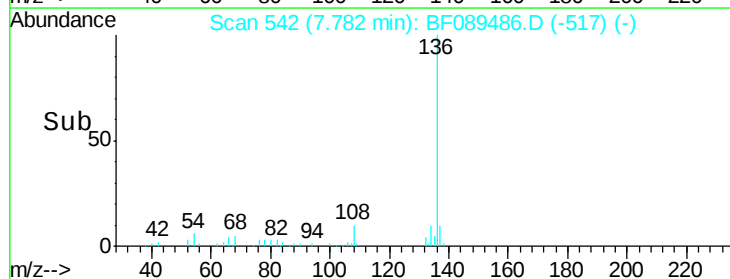
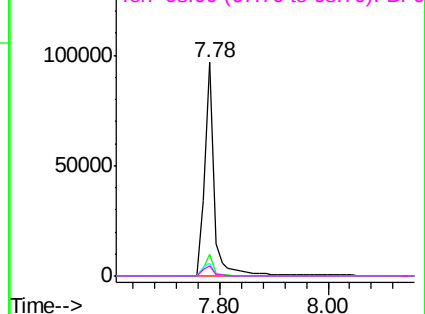
137 10.5 8.6 13.0

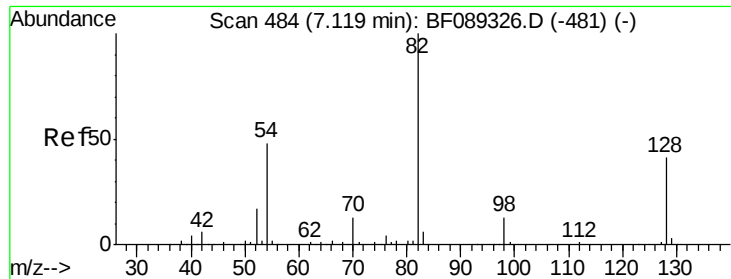
54 6.0 7.0 10.4#

68 4.6 4.9 7.3#



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

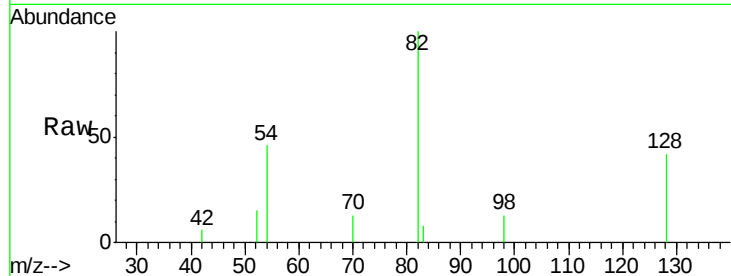




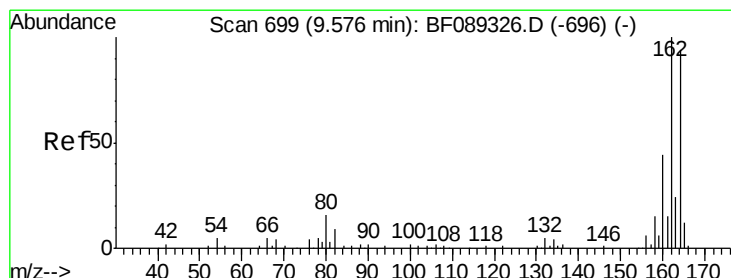
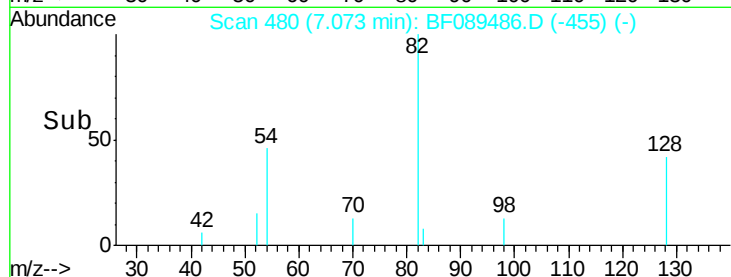
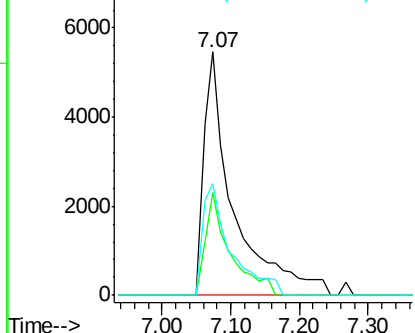
#23
 Nitrobenzene-d5
 Concen: 8.21 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 DUP-Y

Tot Ion	82	Resp	16327
Ion Ratio	100	Lower	Upper
128	42.2	32.5	48.7
54	45.8	38.8	58.2

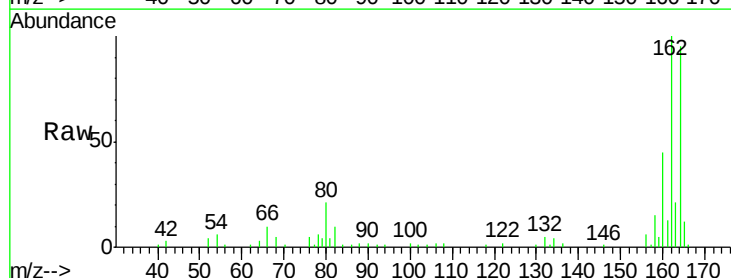


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

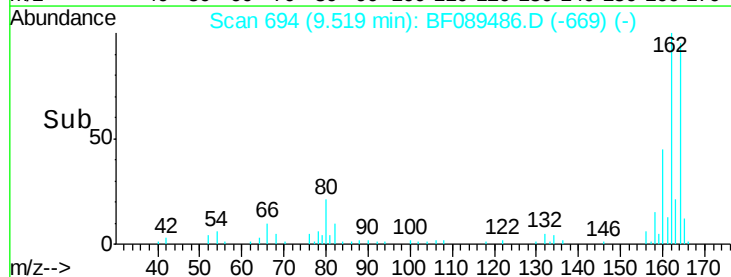
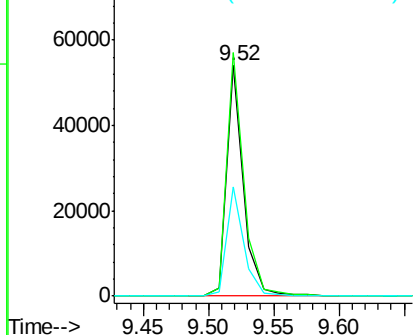


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Tgt Ion	164	Resp	48400
Ion Ratio	100	Lower	Upper
162	105.6	83.7	125.5
160	47.4	37.8	56.6



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

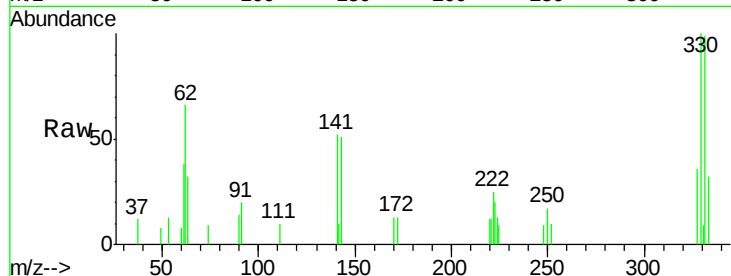




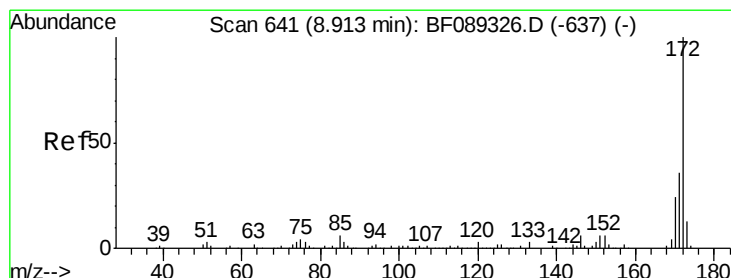
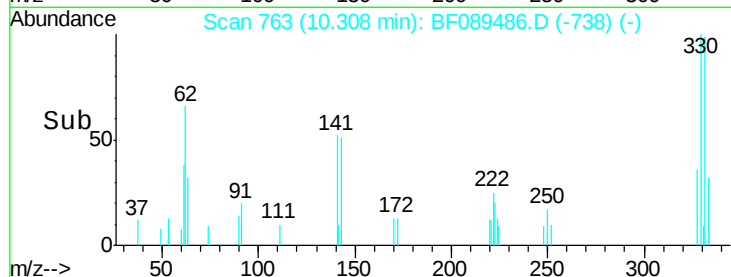
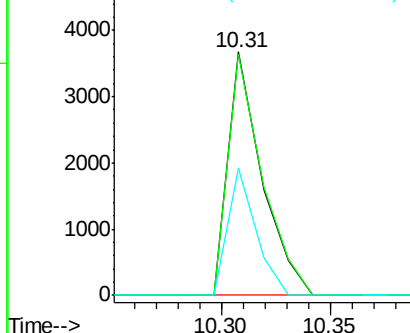
#41
 2,4,6-Tribromophenol
 Concen: 9.94 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Instrument :
 BNA_F
 ClientSampleID :
 DUP-Y

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.8	115.2
141	42.7	37.3	55.9

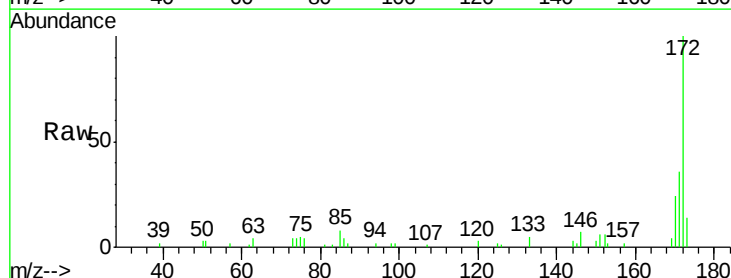


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

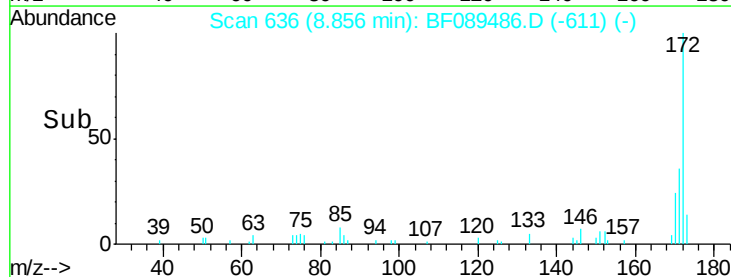
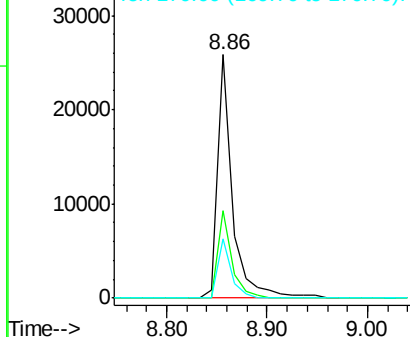


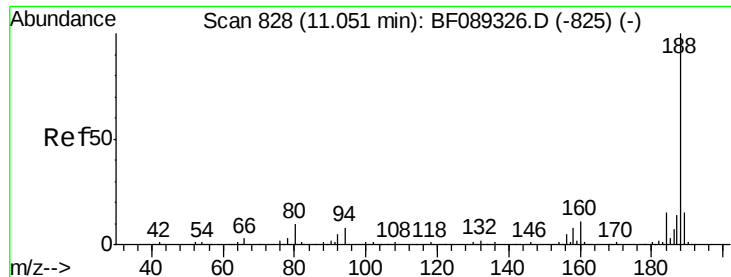
#44
 2-Fluorobiphenyl
 Concen: 8.05 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.1	19.2	28.8



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

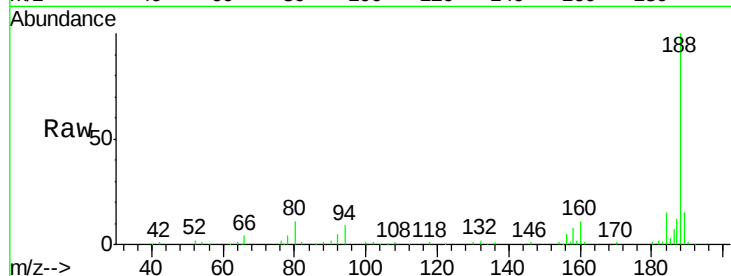




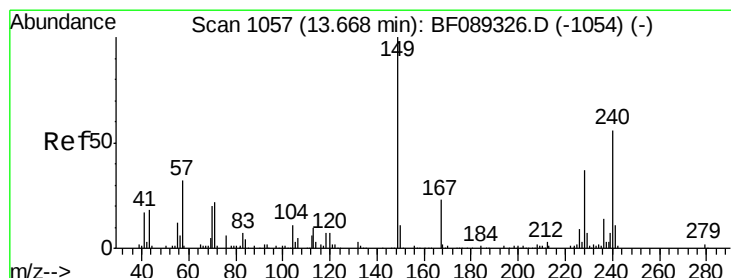
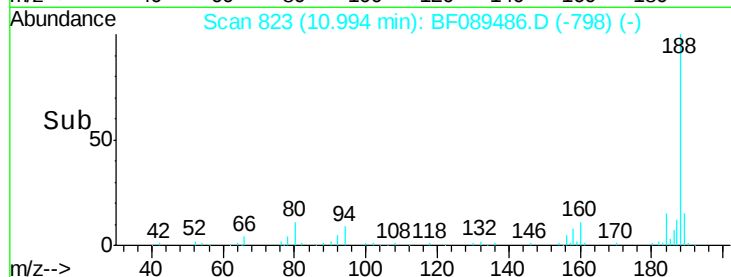
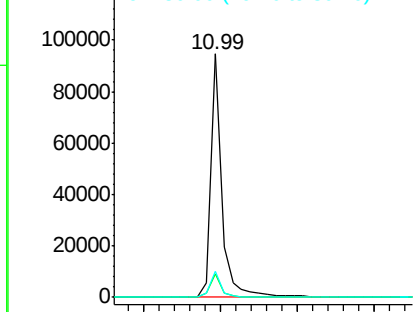
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Instrument :
BNA_F
ClientSampleId :
DUP-Y

Tot Ion:188 Resp: 94015
Ion Ratio Lower Upper
188 100
94 9.4 6.5 9.7
80 10.6 7.2 10.8

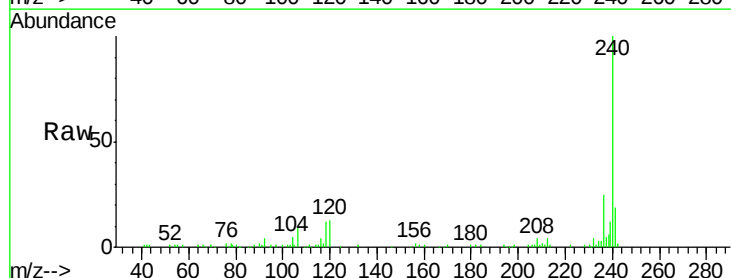


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

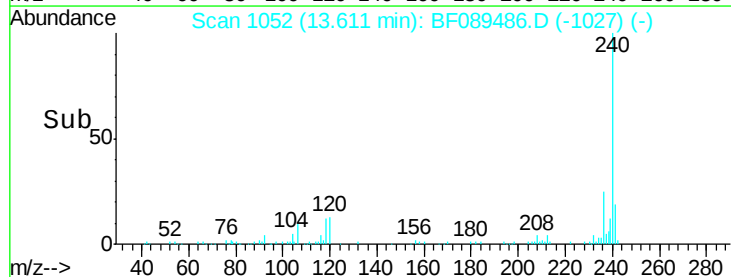
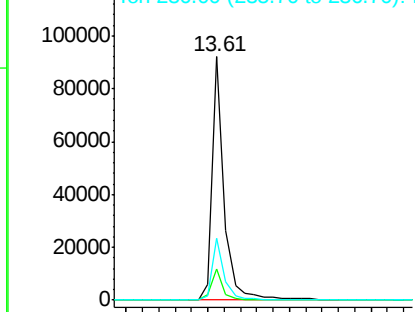


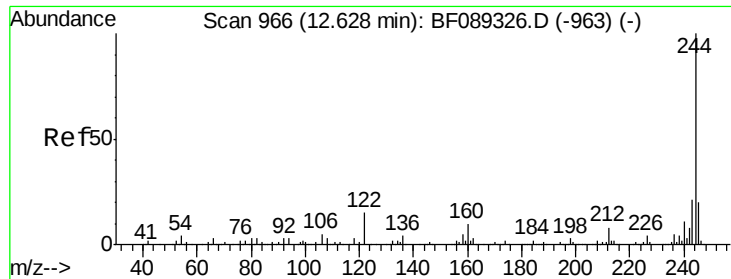
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF089486.D
Acq: 31 Jul 2016 22:48

Tgt Ion:240 Resp: 95628
Ion Ratio Lower Upper
240 100
120 12.6 9.1 13.7
236 25.2 20.6 30.8



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

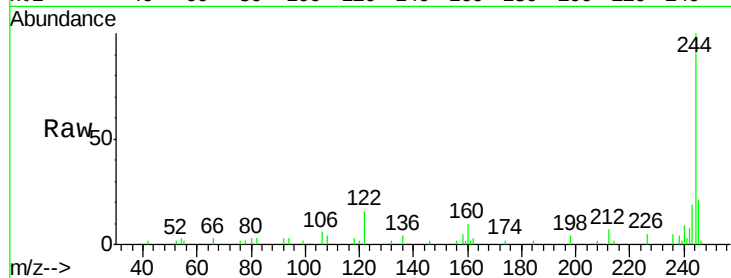




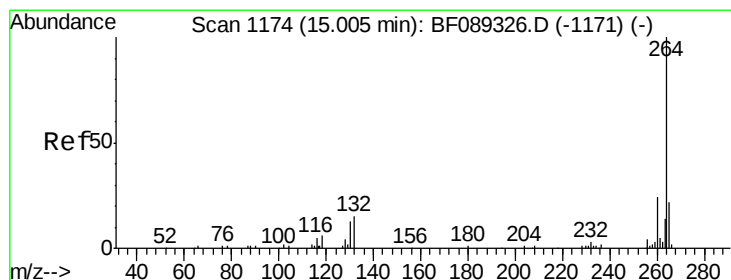
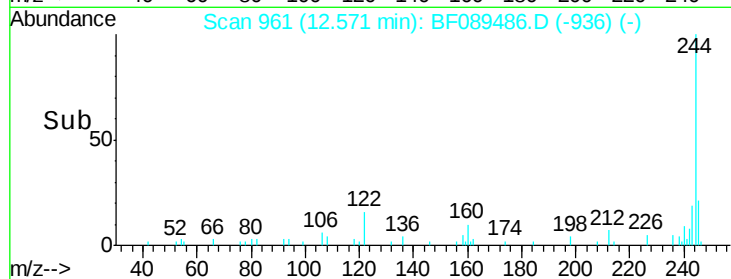
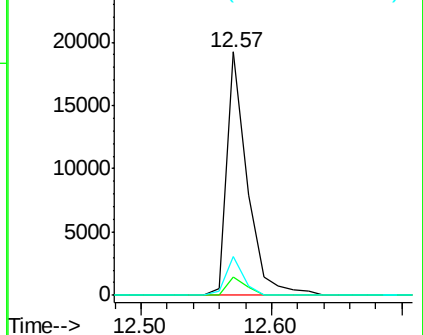
#78
 Terphenyl-d14
 Concen: 5.16 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Instrument :
 BNA_F
 ClientSampled :
 DUP-Y

Tot Ion:244 Resp: 21085
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 15.8 11.4 17.0

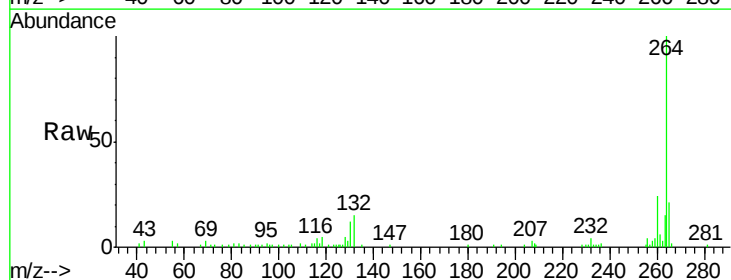


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF089486.D
 Acq: 31 Jul 2016 22:48

Tgt Ion:264 Resp: 65185
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.4 17.5 26.3



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

