

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
 Data File : BF088694.D
 Acq On : 4 Jul 2016 14:32
 Operator : UM/SJ
 Sample : H3822-13
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E9-B3(0-11)C

Quant Time: Jul 05 00:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

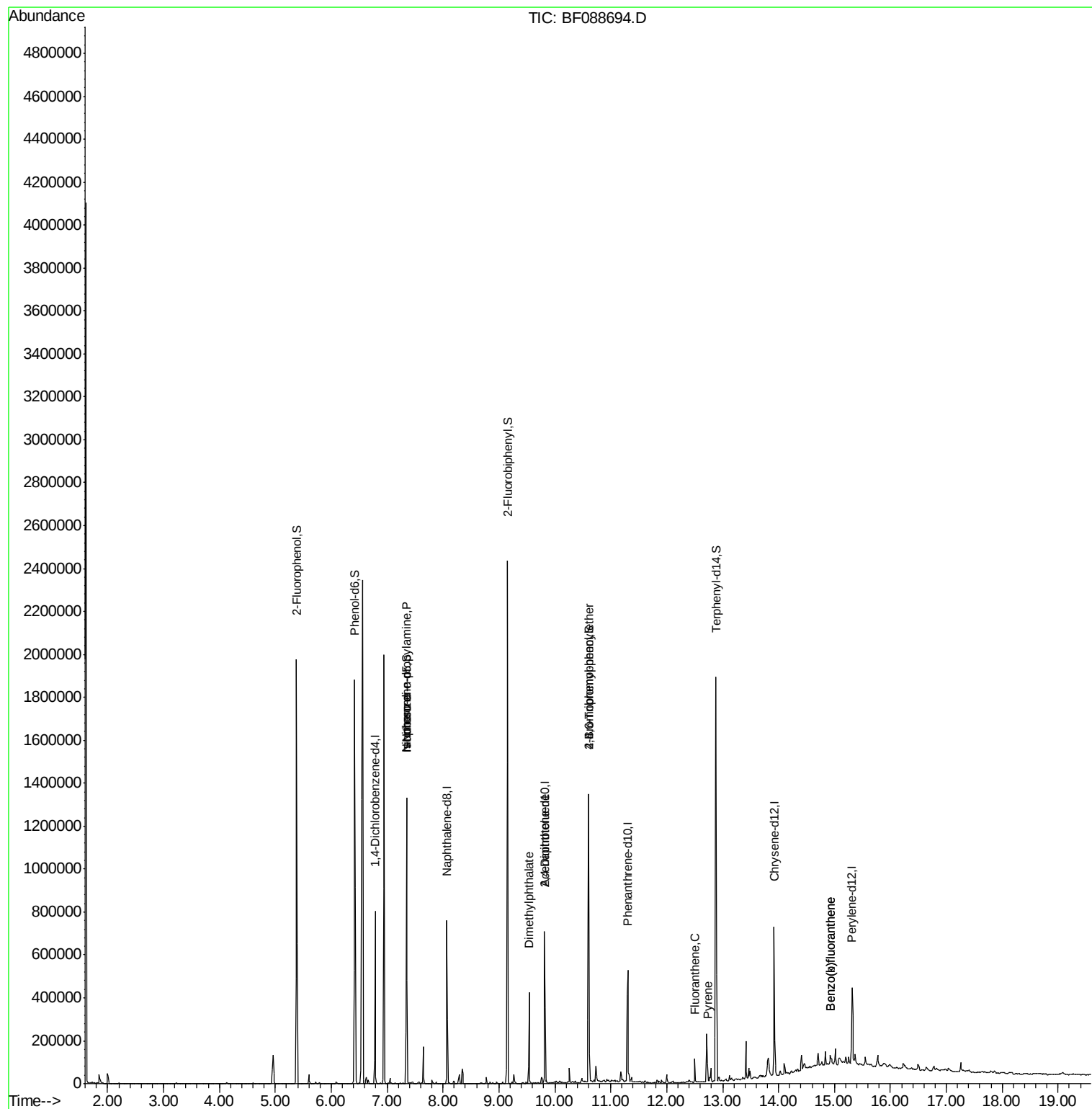
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106111	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	366290	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	150844	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	252045	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	196051	20.00	ng	-0.03
86) Perylene-d12	15.31	264	159868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	634378	89.60	ng	-0.02
7) Phenol-d6	6.42	99	849608	92.87	ng	-0.02
23) Nitrobenzene-d5	7.35	82	502008	71.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	135036	96.40	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	935661	97.98	ng	-0.02
78) Terphenyl-d14	12.88	244	558612	63.46	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	66494	10.82	ng	# 73
25) Isophorone	7.35	82	442668	34.19	ng	# 65
49) Dimethylphthalate	9.54	163	158382	14.74	ng	99
56) 2,4-Dinitrotoluene	9.82	165	19582	6.29	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	9340	3.68	ng	# 1
74) Fluoranthene	12.50	202	38226	2.74	ng	98
77) Pyrene	12.73	202	33429	2.01	ng	98
87) Benzo(b)fluoranthene	14.93	252	28339	2.83	ng	# 88
88) Benzo(k)fluoranthene	14.93	252	28339	3.25	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088694.D
Acq On : 4 Jul 2016 14:32
Operator : UM/SJ
Sample : H3822-13
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Quant Time: Jul 05 00:51:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

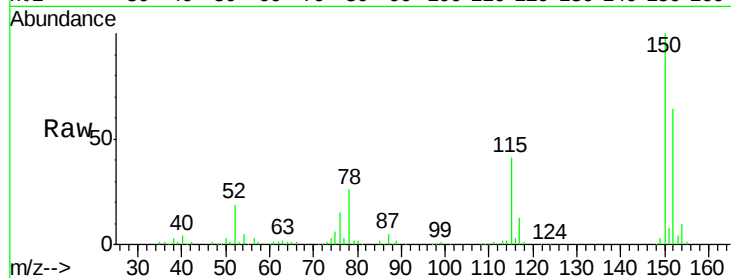
Tgt Ion:152 Resp: 106111

Ion Ratio Lower Upper

152 100

150 156.6 123.8 185.6

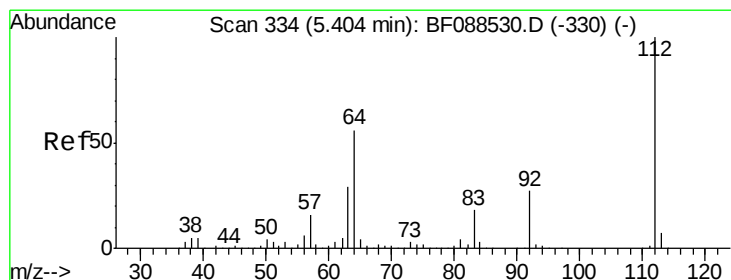
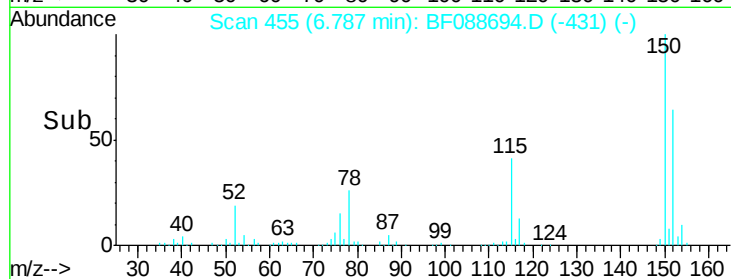
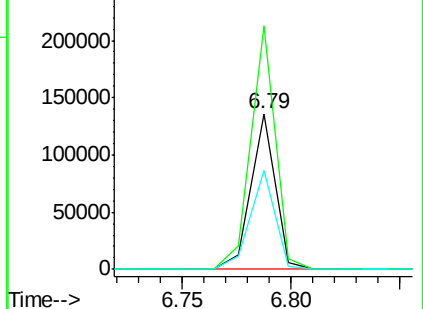
115 63.9 39.6 59.4#



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: 89.60 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

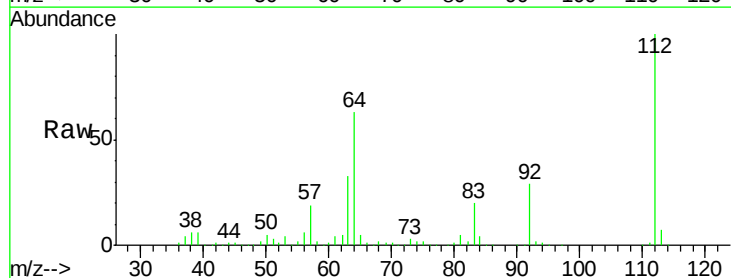
Tgt Ion:112 Resp: 634378

Ion Ratio Lower Upper

112 100

64 63.3 42.2 63.2#

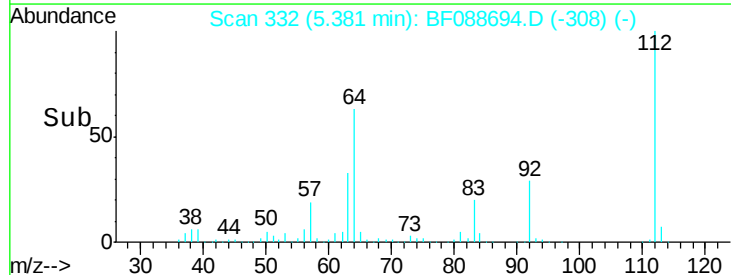
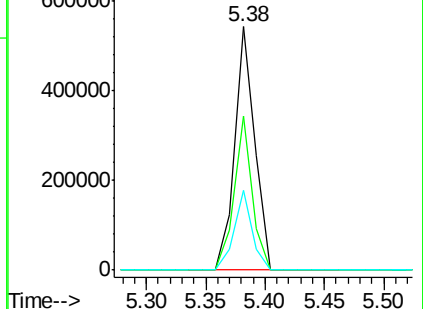
63 32.8 21.8 32.8



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: 92.87 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

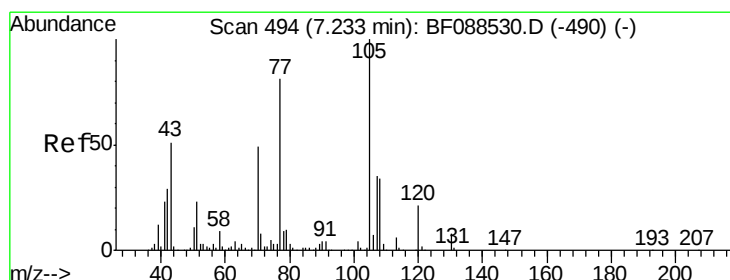
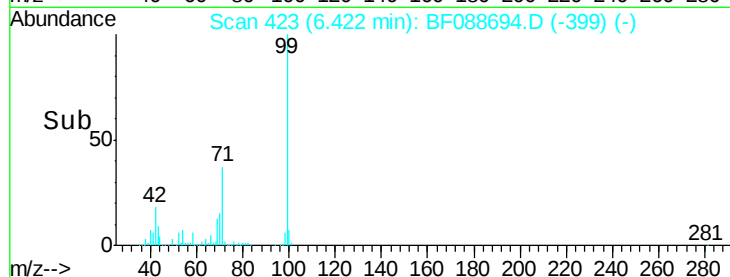
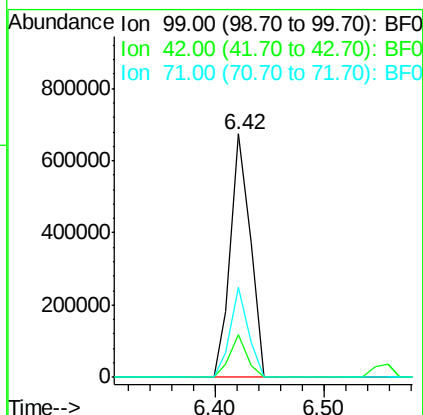
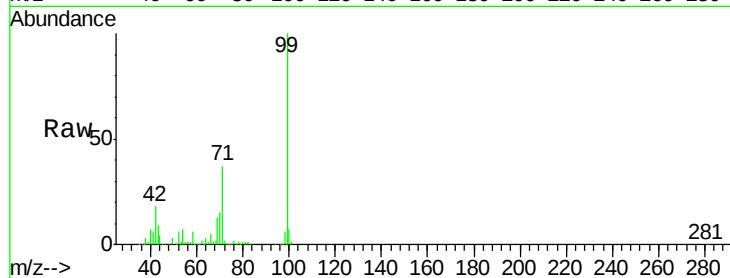
Tgt Ion: 99 Resp: 849608

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 36.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 10.82 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Tgt Ion: 70 Resp: 66494

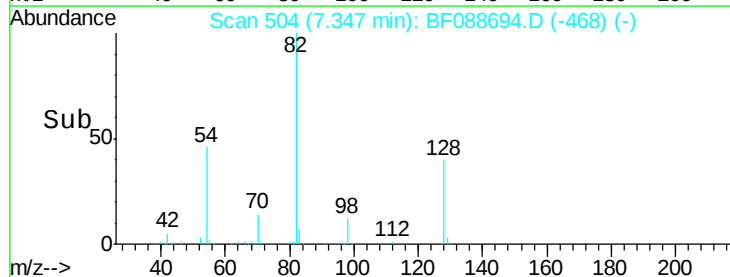
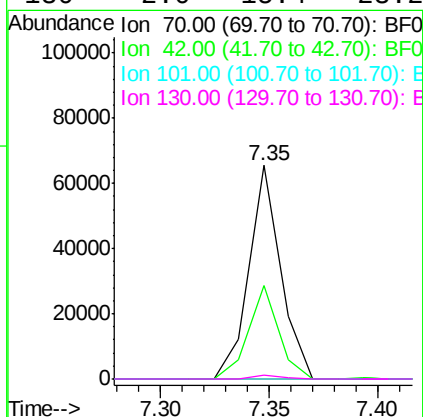
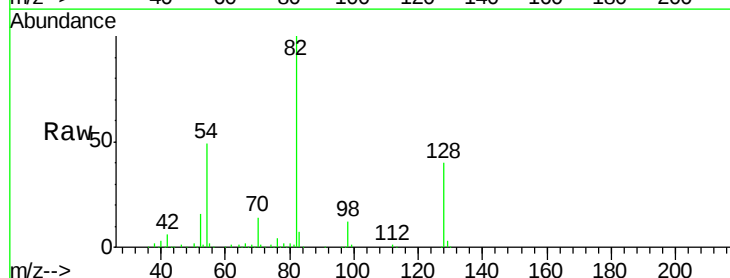
Ion Ratio Lower Upper

70 100

42 43.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

Tgt Ion:136 Resp: 366290

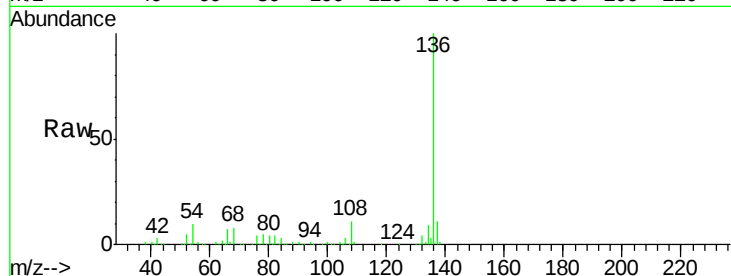
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.0 6.6 10.0#

68 7.9 5.1 7.7#

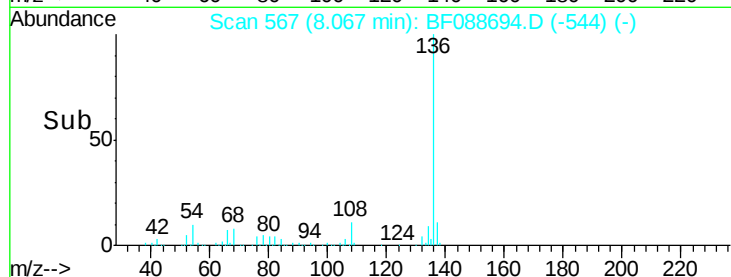


Abundance Ion 136.00 (135.70 to 136.70): E

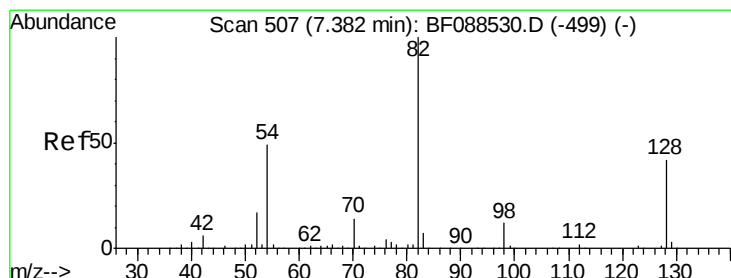
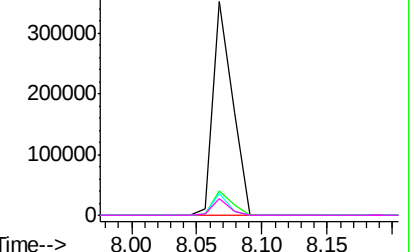
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 71.82 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

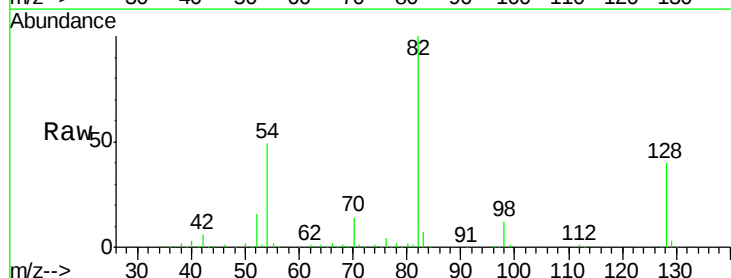
Tgt Ion: 82 Resp: 502008

Ion Ratio Lower Upper

82 100

128 39.6 35.9 53.9

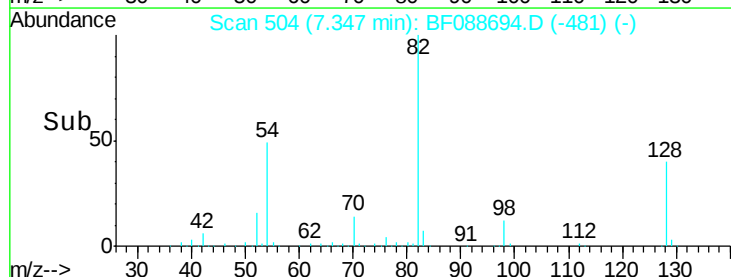
54 49.1 40.9 61.3



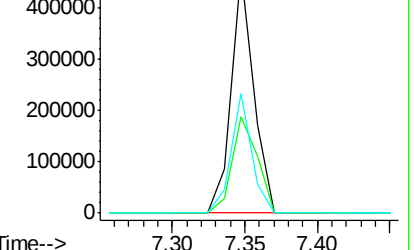
Abundance Ion 82.00 (81.70 to 82.70): BF0

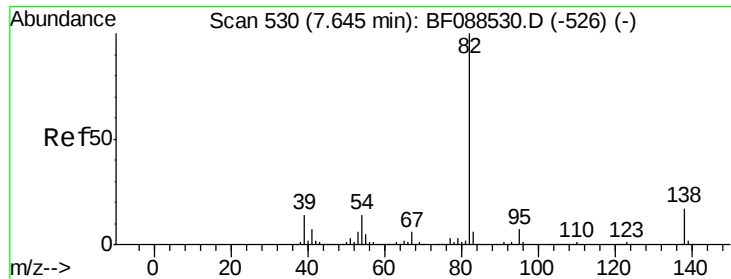
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 34.19 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.30 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

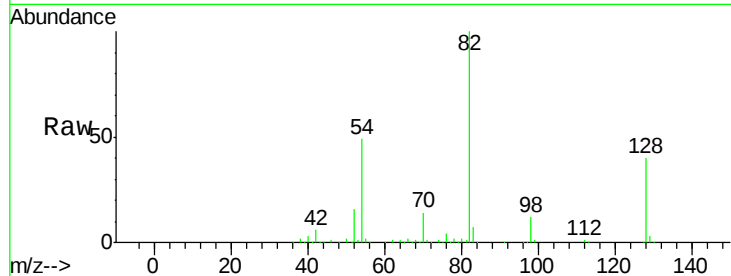
Tgt Ion: 82 Resp: 442668

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

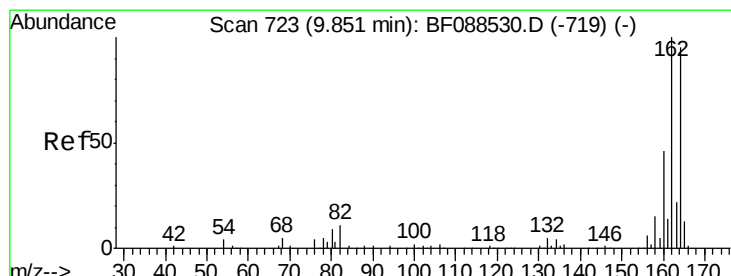
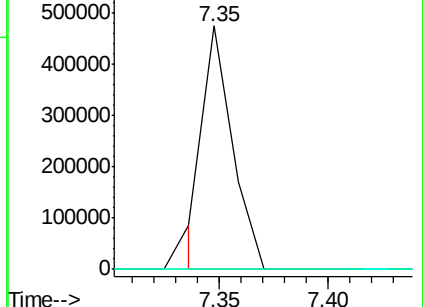
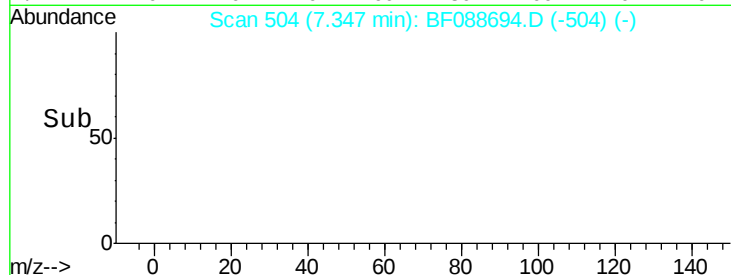


Abundance Ion 82.00 (81.70 to 82.70): BF088530.D (-526) (-)

Ion 95.00 (94.70 to 95.70): BF088530.D (-526) (-)

Ion 138.00 (137.70 to 138.70): BF088530.D (-526) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

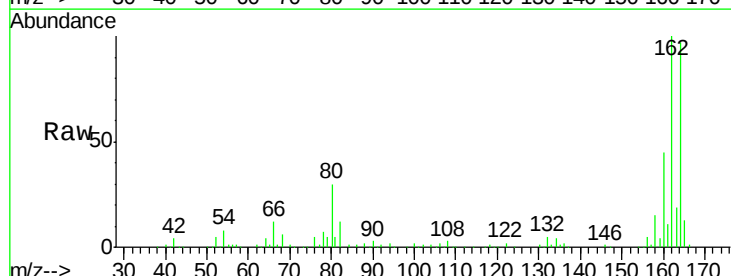
Tgt Ion: 164 Resp: 150844

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

160 46.1 39.5 59.3

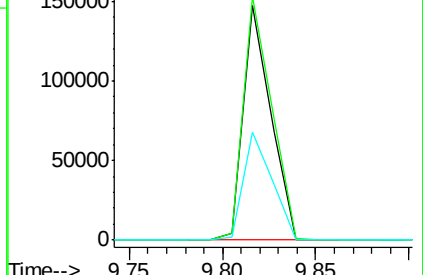
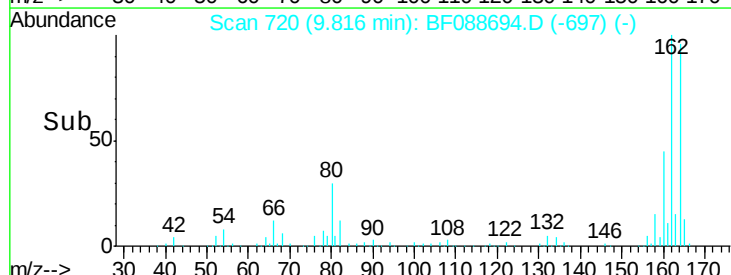


Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BF088530.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BF088530.D (-719) (-)

Time-->

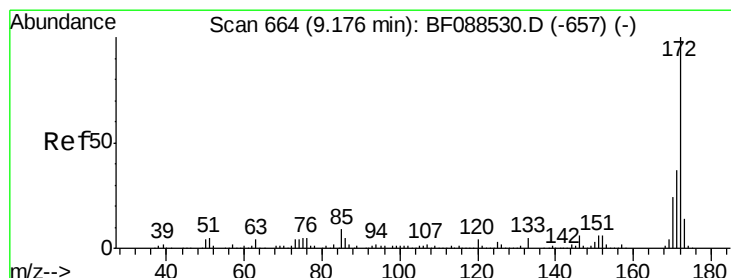
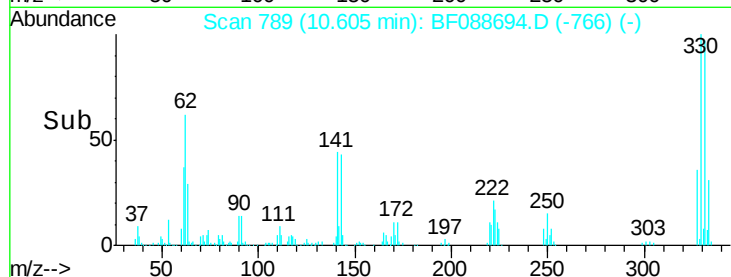
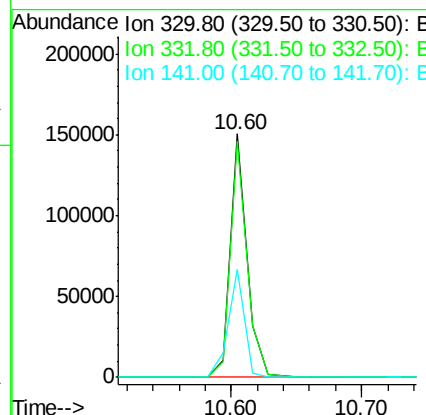
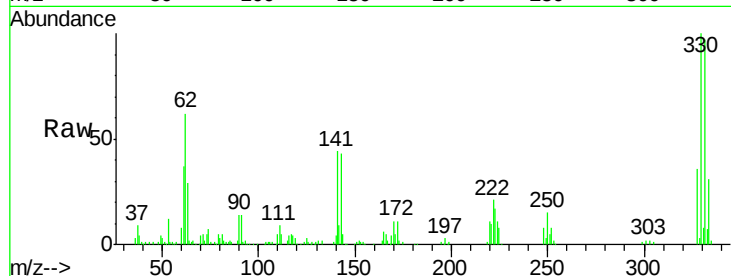




#41
 2,4,6-Tribromophenol
 Concen: 96.40 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088694.D
 Acq: 4 Jul 2016 14:32

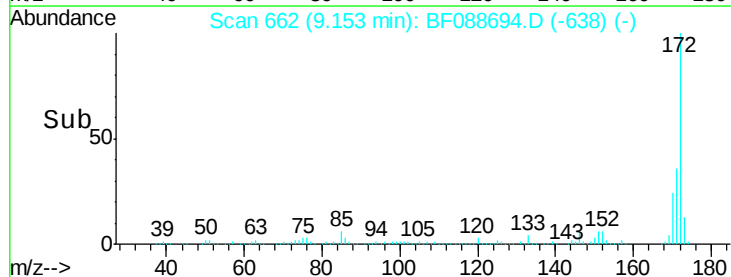
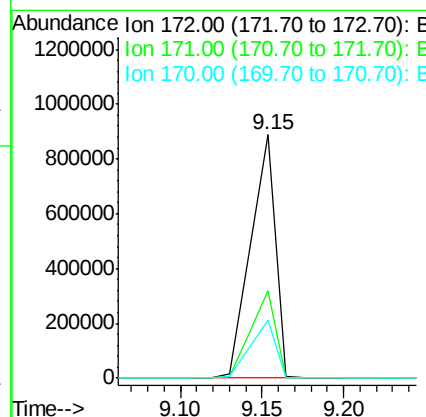
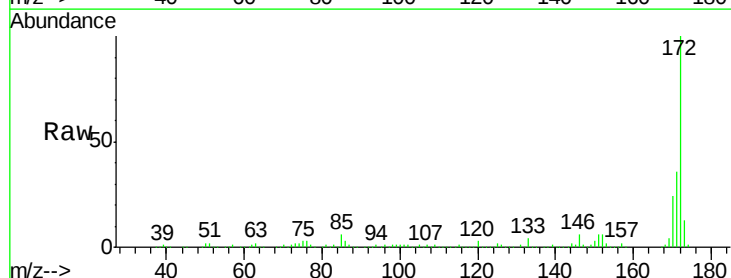
Instrument :
 BNA_F
 ClientSampleId :
 E9-B3(0-11)C

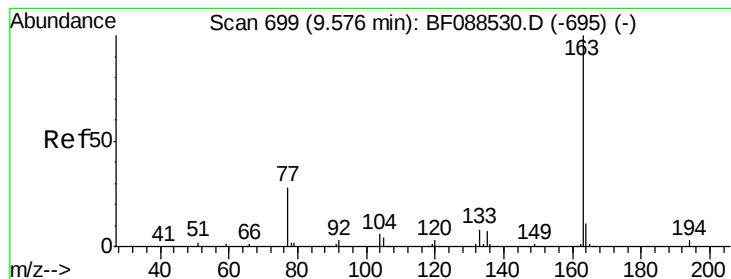
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	43.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 97.98 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088694.D
 Acq: 4 Jul 2016 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.2	28.8





#49

Dimethylphthalate

Concen: 14.74 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

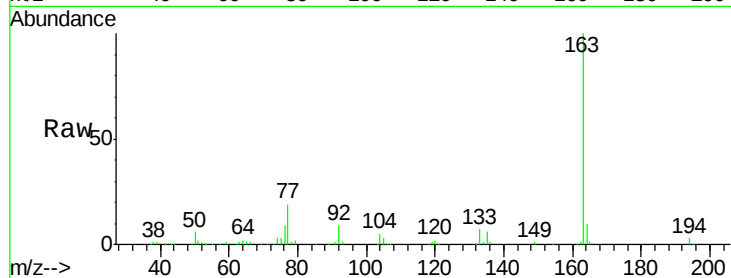
Tgt Ion:163 Resp: 158382

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

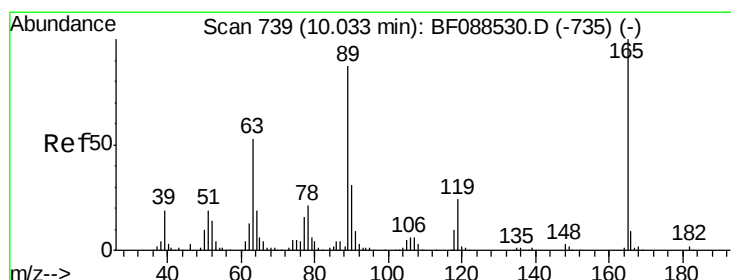
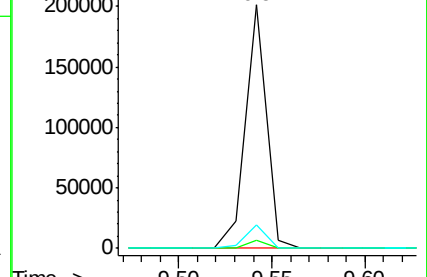
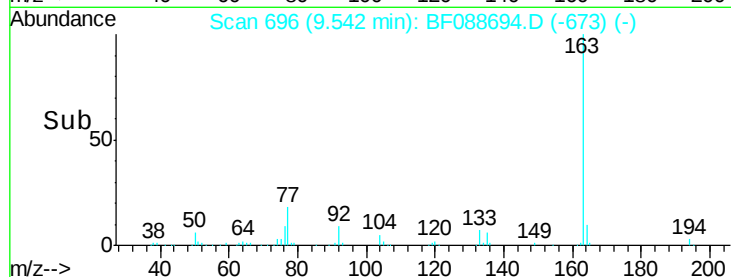
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Tgt Ion:165 Resp: 19582

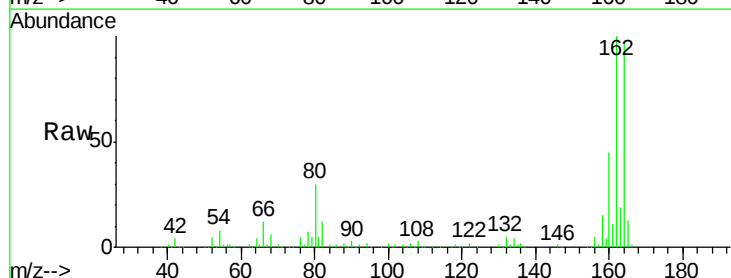
Ion Ratio Lower Upper

165 100

63 1.8 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

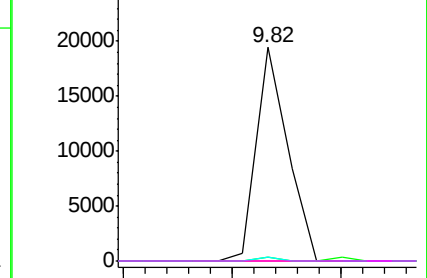
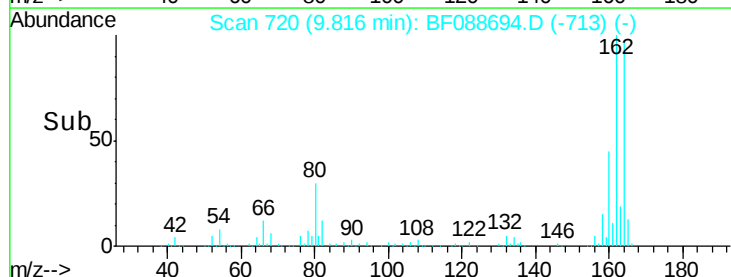


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

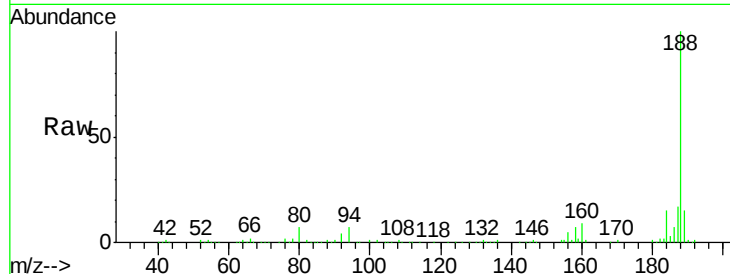




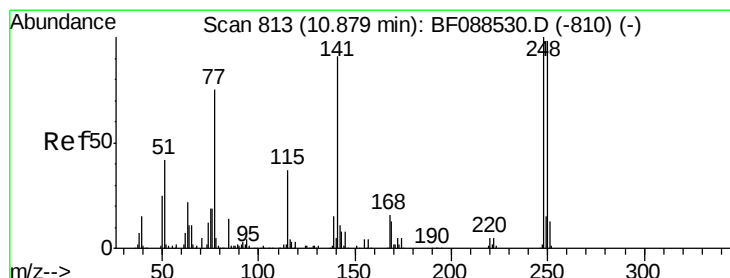
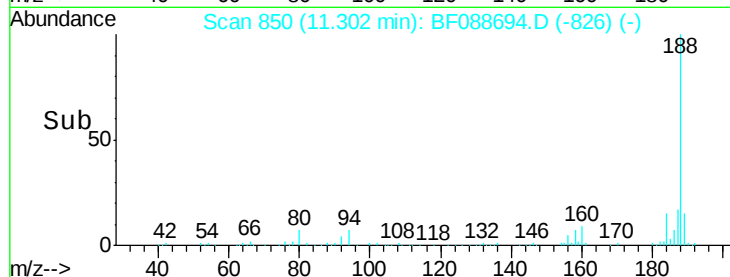
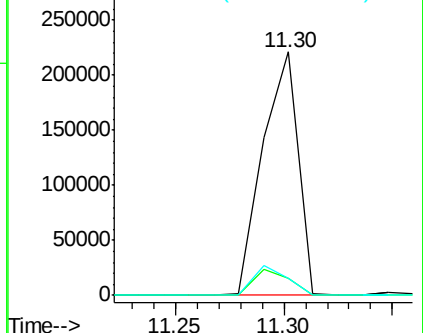
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:188 Resp: 252045
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.6#
80 7.2 10.0 15.0#

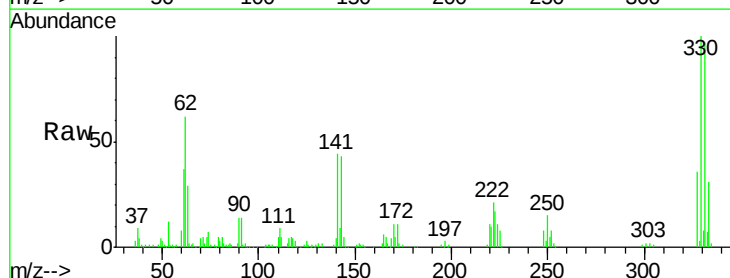


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

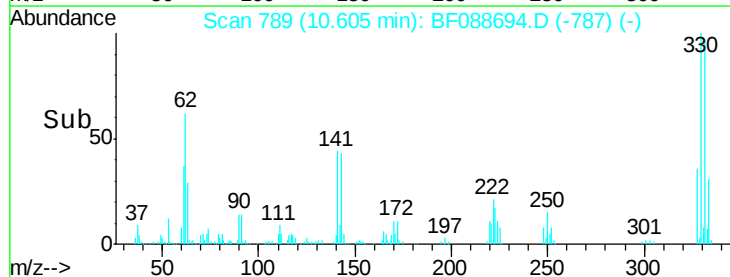
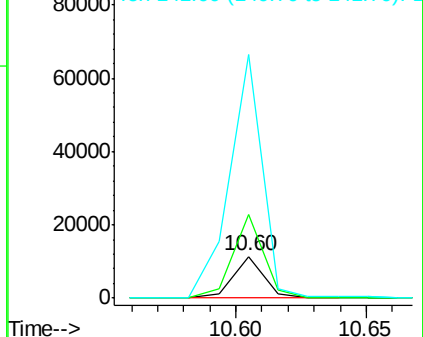


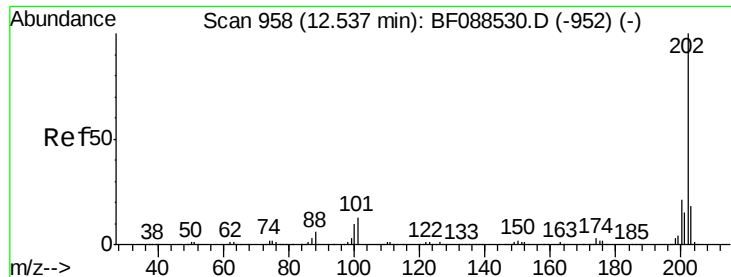
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:248 Resp: 9340
Ion Ratio Lower Upper
248 100
250 202.2 77.1 115.7#
141 586.0 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

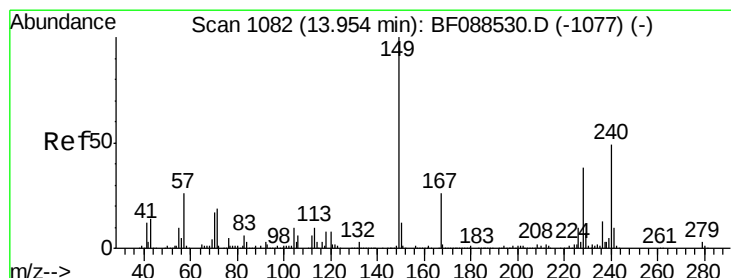
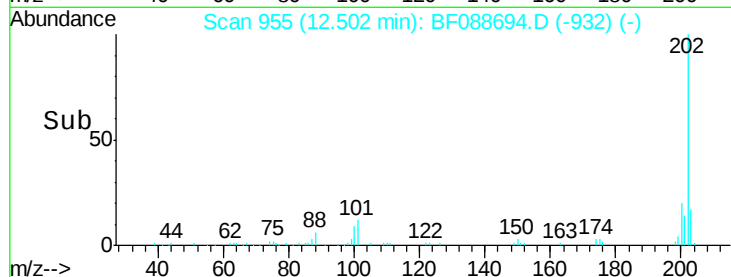
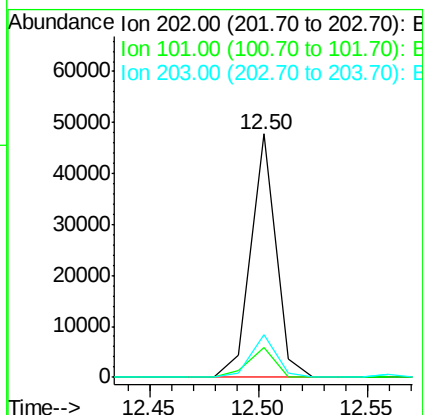
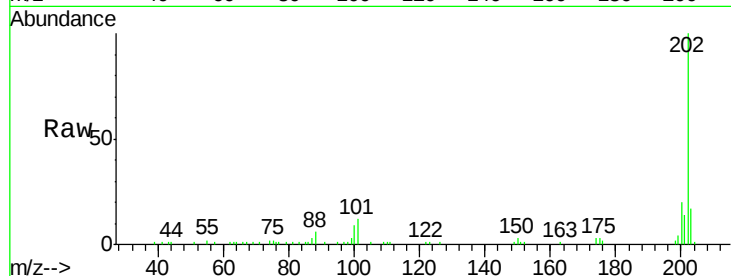




#74
 Fluoranthene
 Concen: 2.74 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BF088694.D
 Acq: 4 Jul 2016 14:32

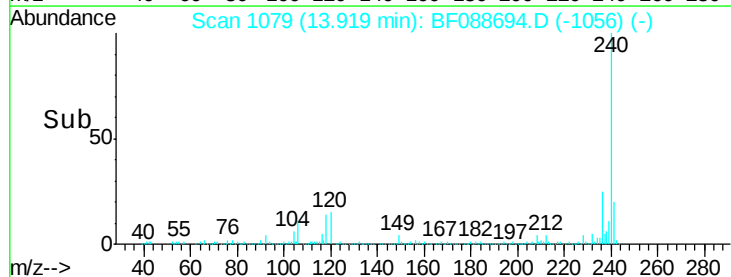
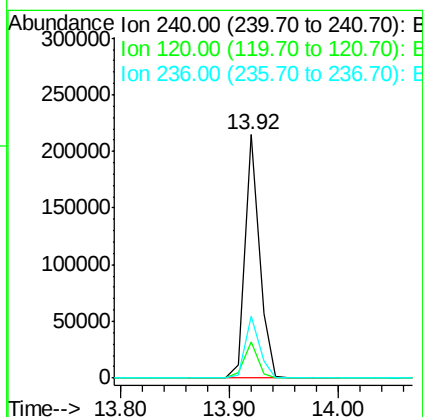
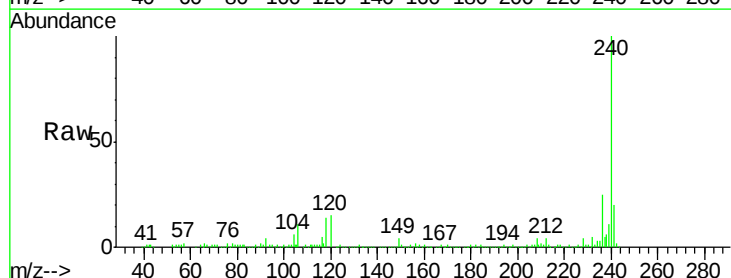
Instrument :
 BNA_F
 ClientSampleId :
 E9-B3(0-11)C

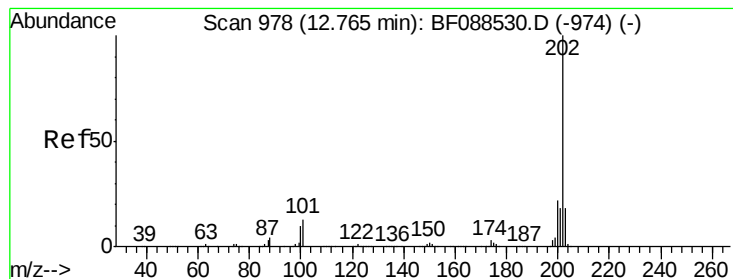
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.1
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088694.D
 Acq: 4 Jul 2016 14:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	6.8	10.2#
236	25.3	20.2	30.2





#77

Pyrene

Concen: 2.01 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C

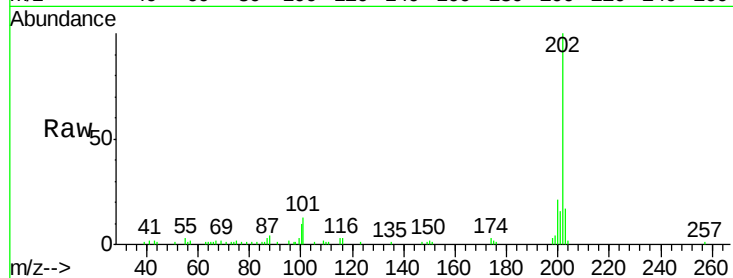
Tgt Ion: 202 Resp: 33429

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

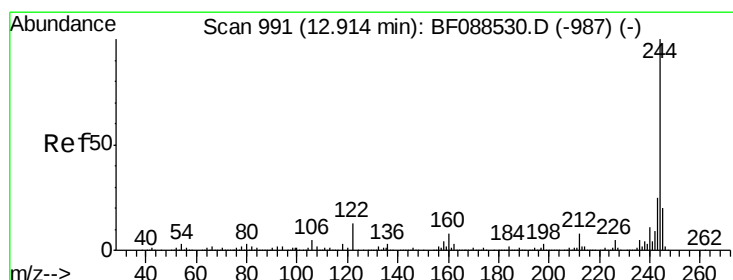
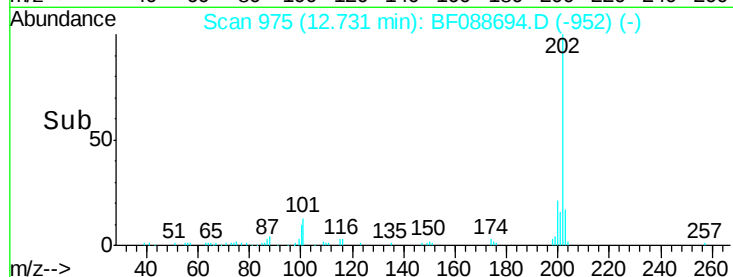
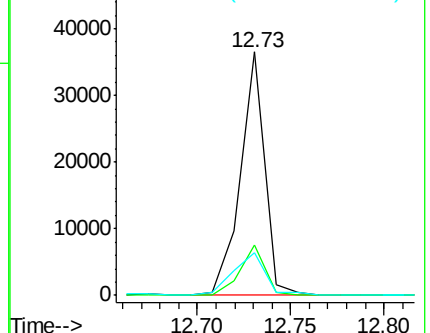
203 17.5 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.46 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088694.D

Acq: 4 Jul 2016 14:32

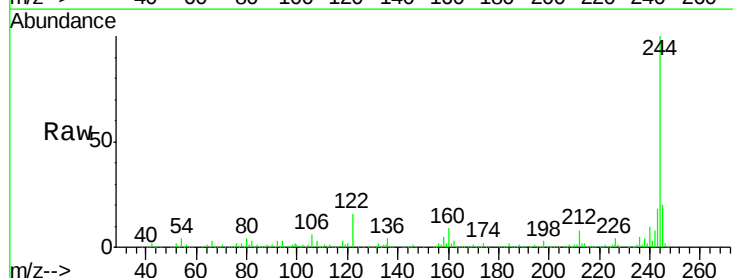
Tgt Ion: 244 Resp: 558612

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

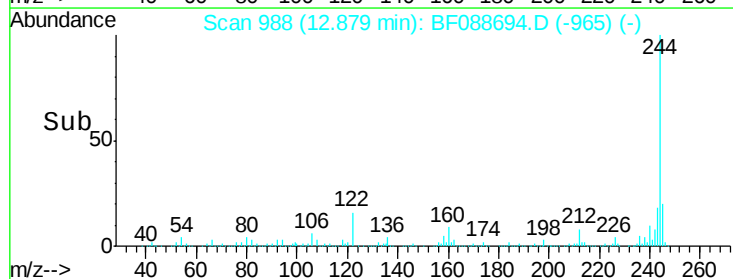
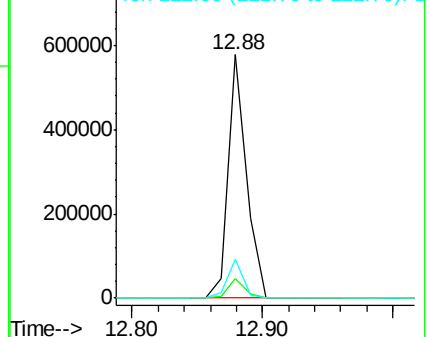
122 15.8 11.2 16.8

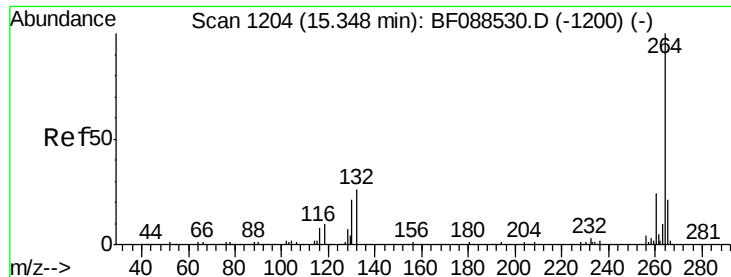


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

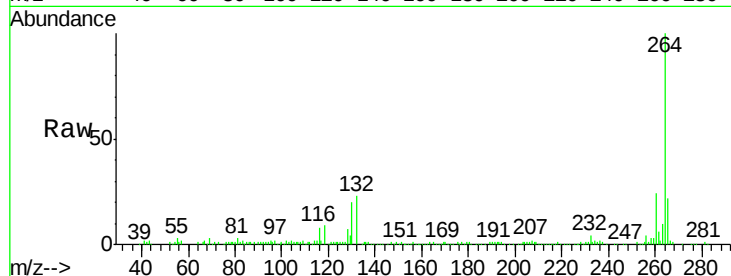




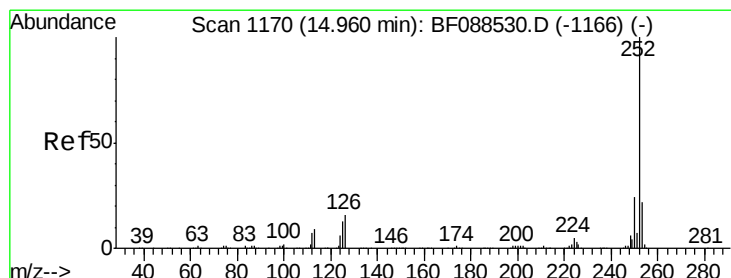
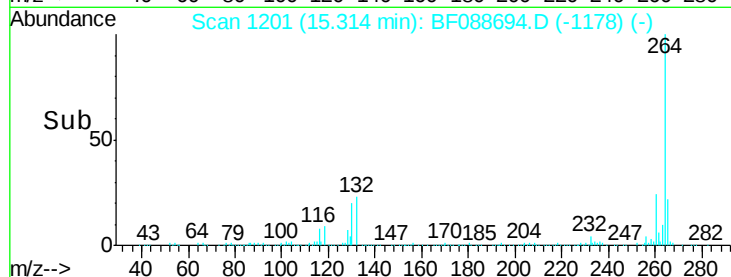
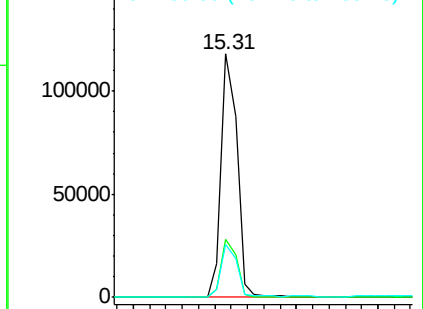
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Instrument :
BNA_F
ClientSampleId :
E9-B3(0-11)C

Tgt Ion:264 Resp: 159868
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 16.9 25.3

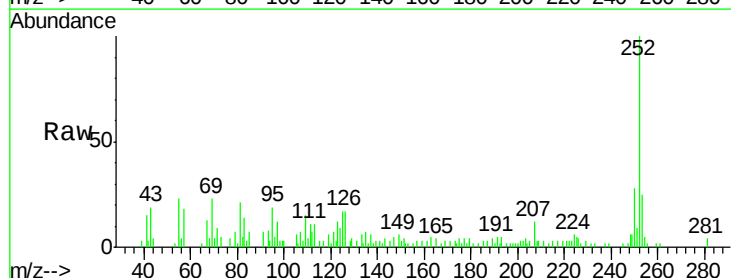


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

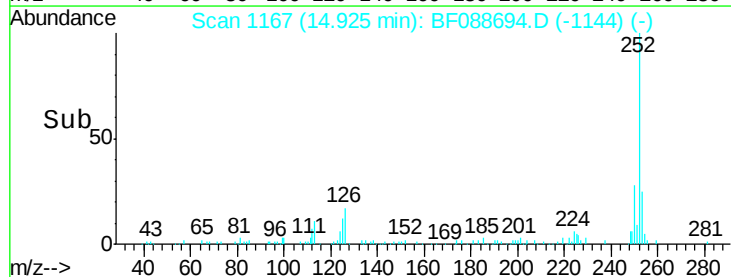
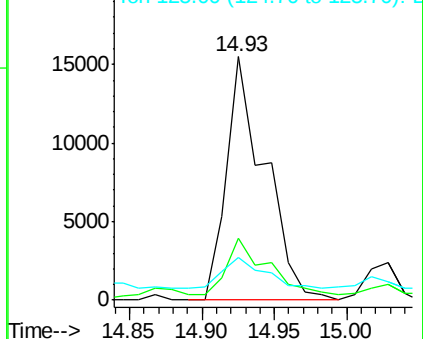


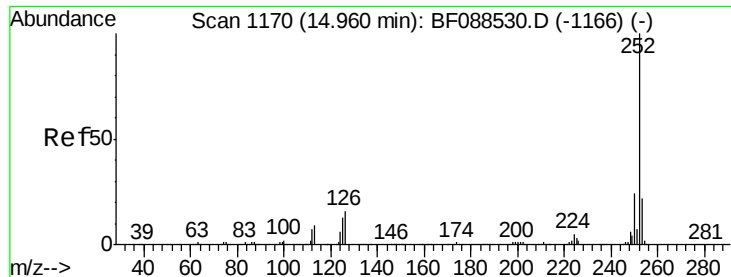
#87
Benzo(b)fluoranthene
Concen: 2.83 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088694.D
Acq: 4 Jul 2016 14:32

Tgt Ion:252 Resp: 28339
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 17.4 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.25 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.06 min

Lab File: BF088694.D

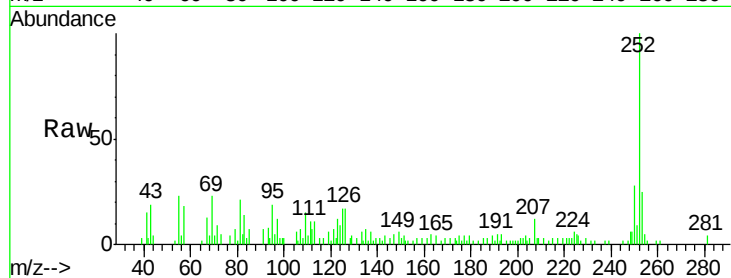
Acq: 4 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

E9-B3(0-11)C



Tgt Ion:	252	Resp:	28339
Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	17.4	11.2	16.8

