

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088262.D
 Acq On : 22 Jun 2016 21:16
 Operator : UM/SJ
 Sample : H3676-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 02:27:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	78454	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	346914	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	154670	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	263006	20.00	ng	0.00
75) Chrysene-d12	13.75	240	174298	20.00	ng	0.00
86) Perylene-d12	15.11	264	161379	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	603238	131.45	ng	0.01
7) Phenol-d6	6.26	99	774451	139.25	ng	0.00
23) Nitrobenzene-d5	7.18	82	487719	82.10	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	168122	102.94	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	864786	88.03	ng	0.00
78) Terphenyl-d14	12.70	244	632729	82.61	ng	0.00

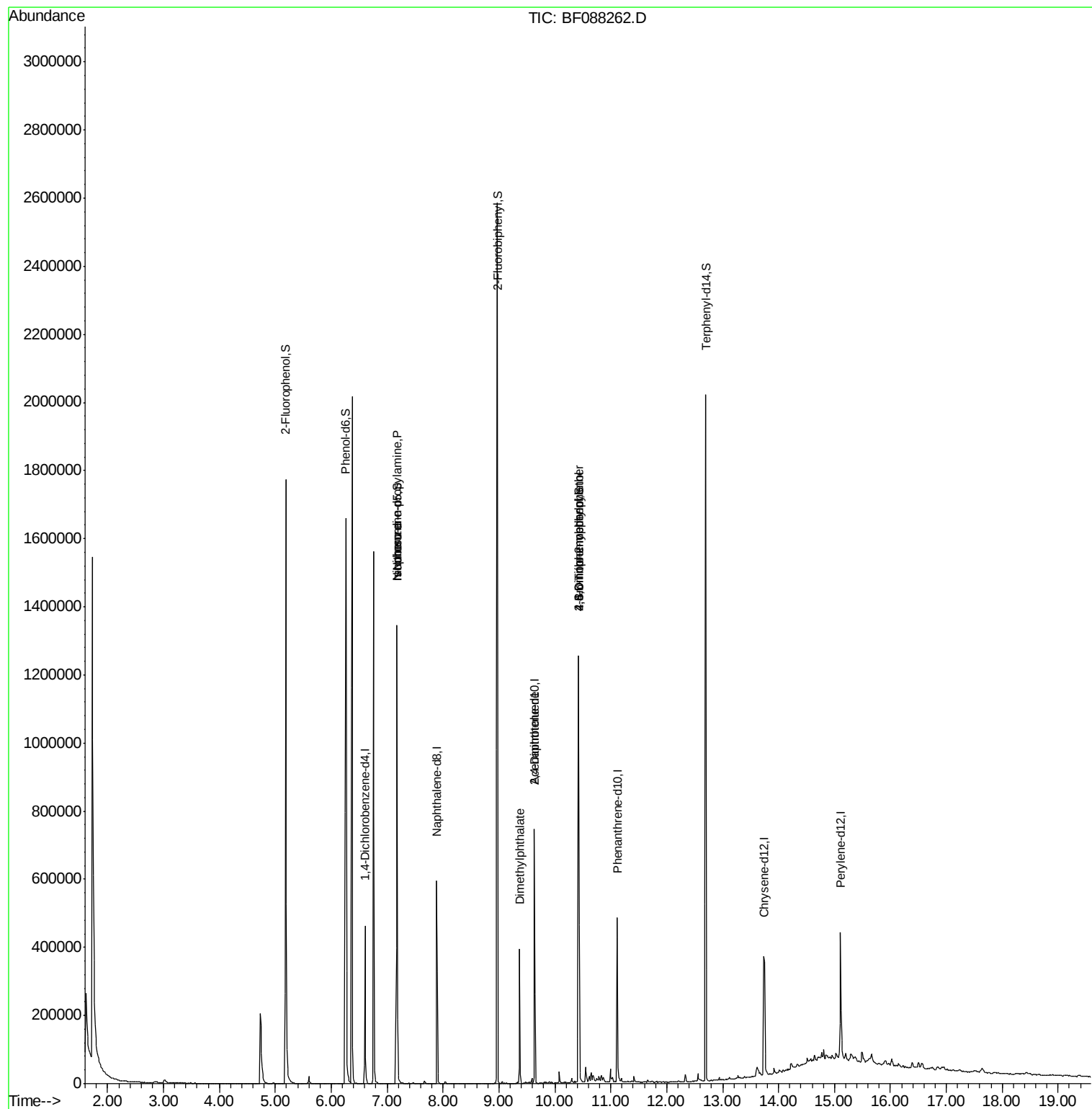
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.27	94	5391	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.18	70	64986	18.26	ng	69
25) Isophorone	7.18	82	487707	44.32	ng	65
45) 1,1'-Biphenyl	8.97	154	1743	Below Cal	#	1
49) Dimethylphthalate	9.37	163	159481	14.23	ng	99
56) 2,4-Dinitrotoluene	9.63	165	19697	5.97	ng	37
57) Fluorene	10.42	166	7739	Below Cal	#	92
64) 4,6-Dinitro-2-methylphenol	10.42	198	301	2.34	ng	1
66) 4-Bromophenyl-phenylether	10.42	248	10062	3.57	ng	1

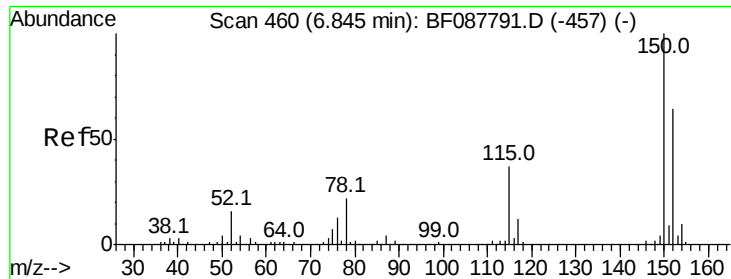
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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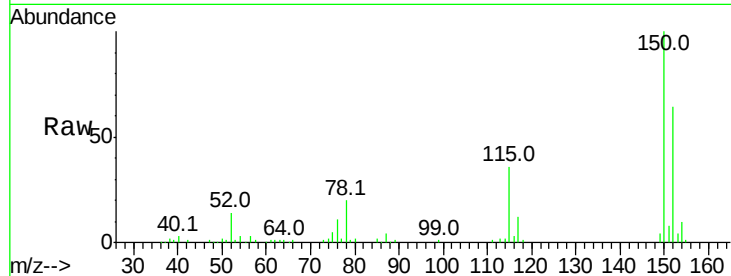


#1

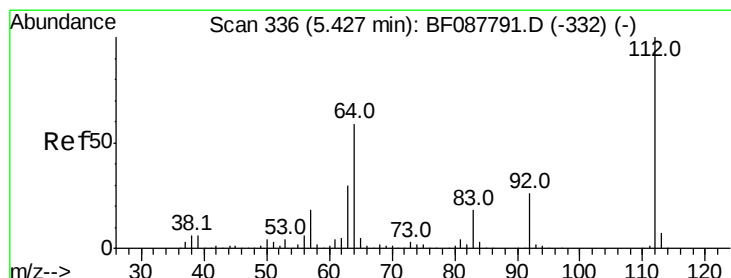
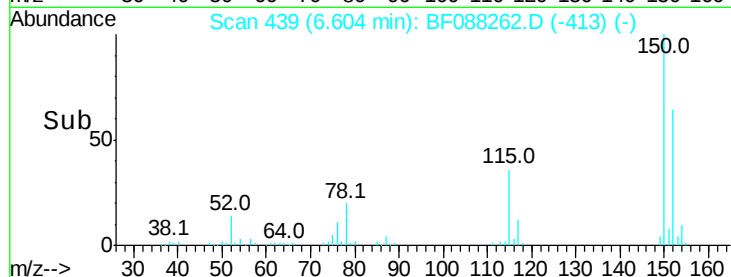
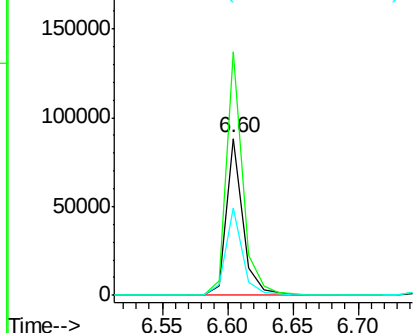
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088262.D
Acq: 22 Jun 2016 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78454
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 55.9 39.6 59.4



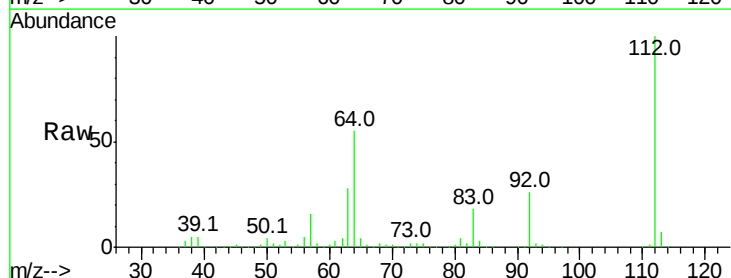
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



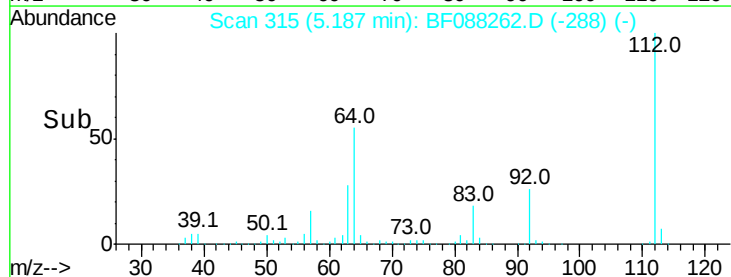
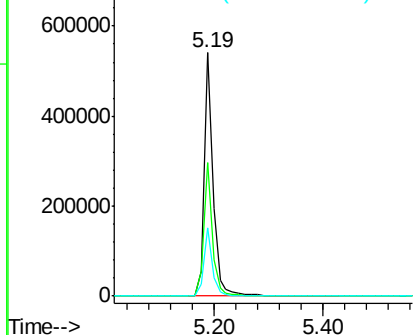
#5

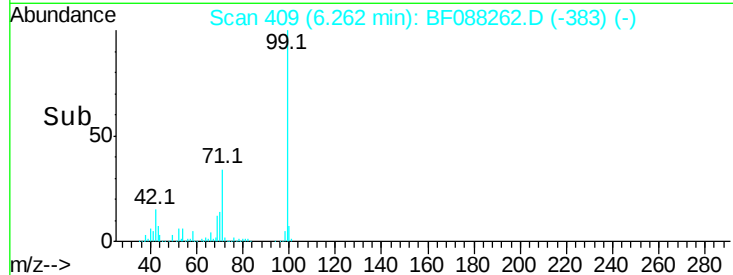
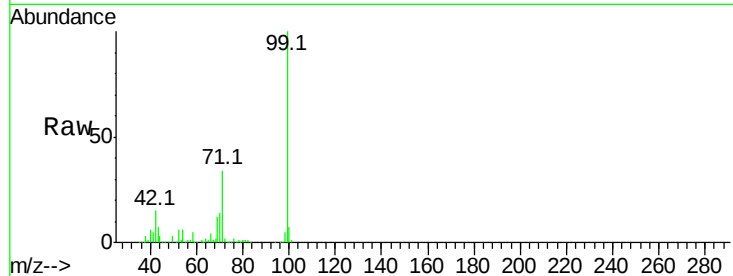
2-Fluorophenol
Concen: 131.45 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.01 min
Lab File: BF088262.D
Acq: 22 Jun 2016 21:16

Tgt Ion:112 Resp: 603238
Ion Ratio Lower Upper
112 100
64 54.8 42.2 63.2
63 28.1 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: 139.25 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Instrument :

BNA_F

ClientSampleId :

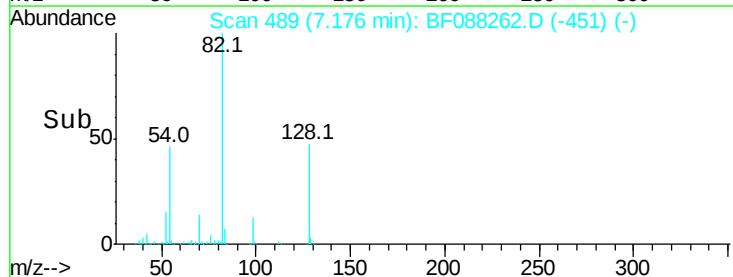
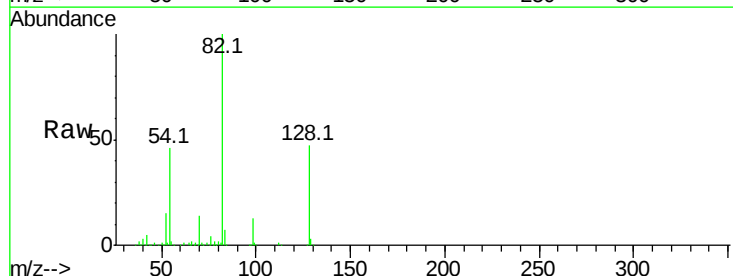
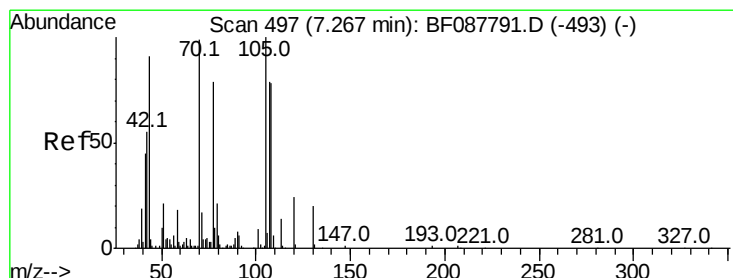
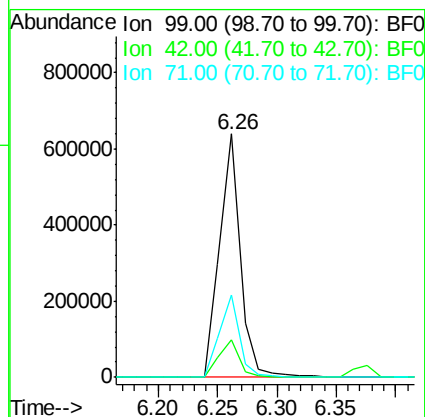
Tot Ion: 99 Resp: 774451

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 34.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.26 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Tgt Ion: 70 Resp: 64986

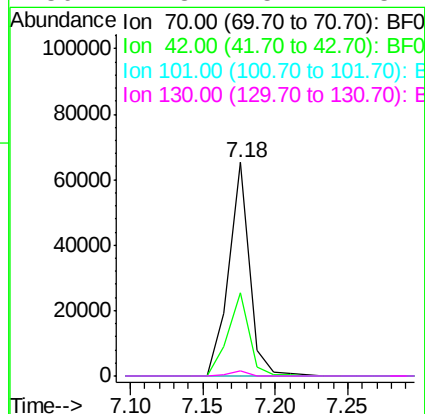
Ion Ratio Lower Upper

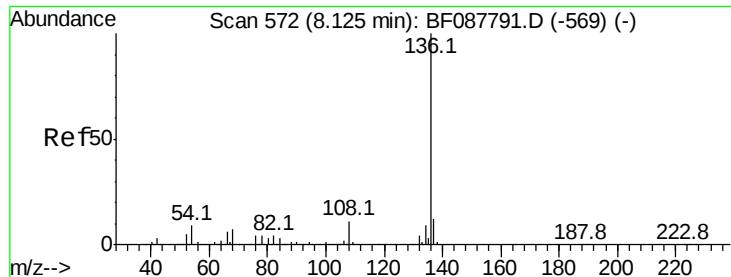
70 100

42 39.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 346914

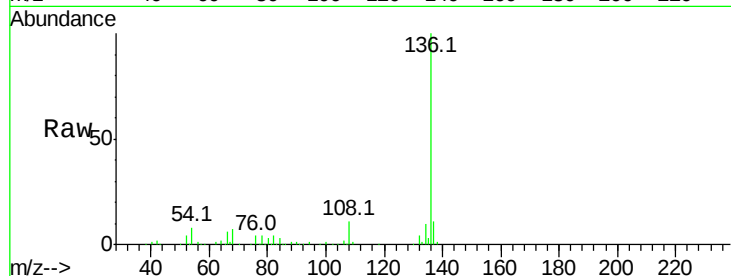
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.2 6.6 10.0

68 6.8 5.1 7.7

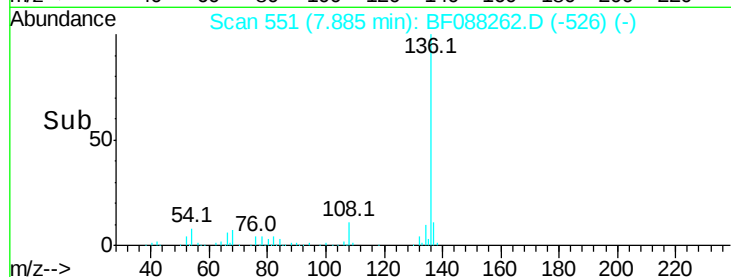


Abundance Ion 136.00 (135.70 to 136.70): E

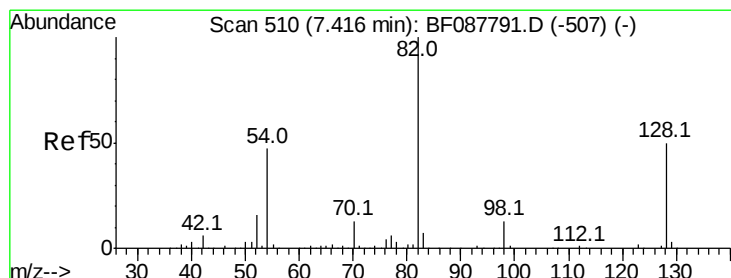
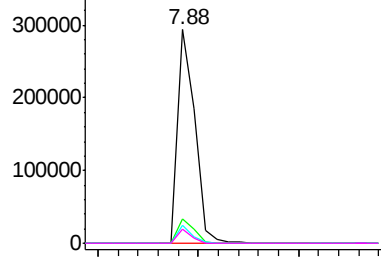
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 82.10 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

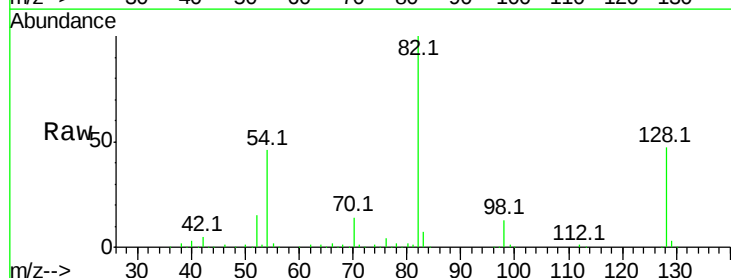
Tgt Ion: 82 Resp: 487719

Ion Ratio Lower Upper

82 100

128 47.0 35.9 53.9

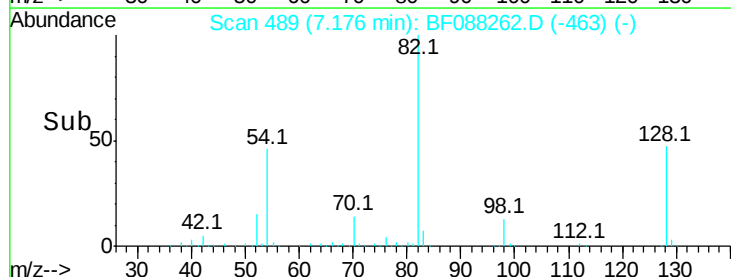
54 46.0 40.9 61.3



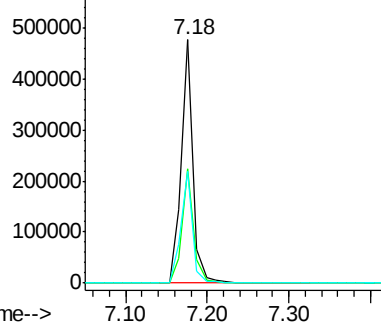
Abundance Ion 82.00 (81.70 to 82.70): BF0

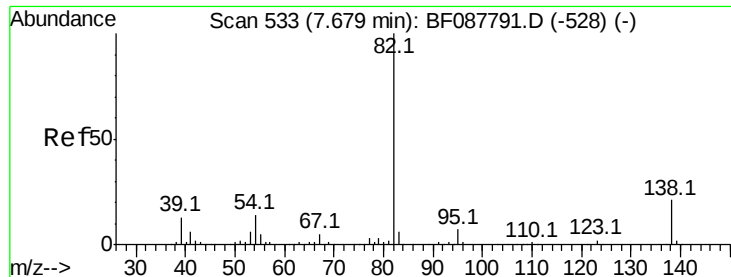
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 44.32 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Instrument :

BNA_F

ClientSampleId :

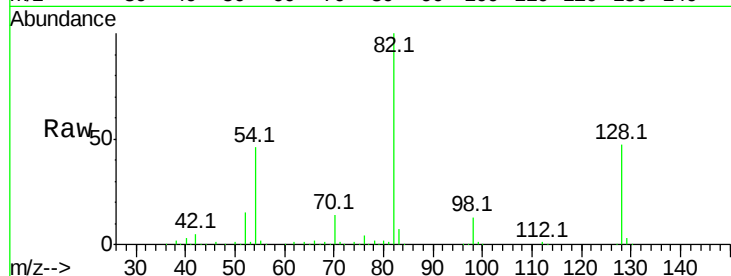
Tot Ion: 82 Resp: 487707

Ion Ratio Lower Upper

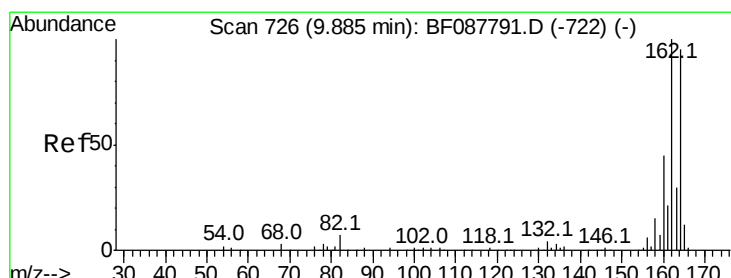
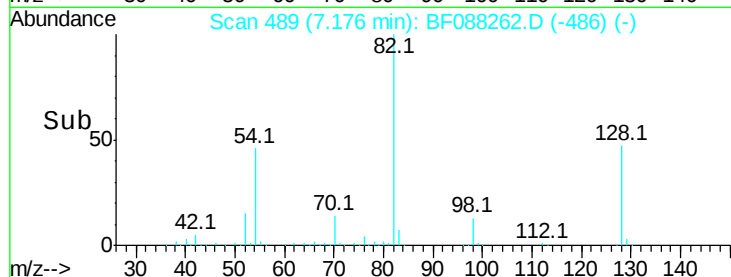
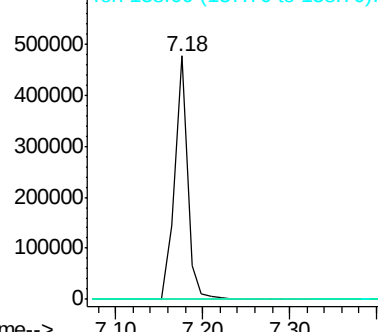
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

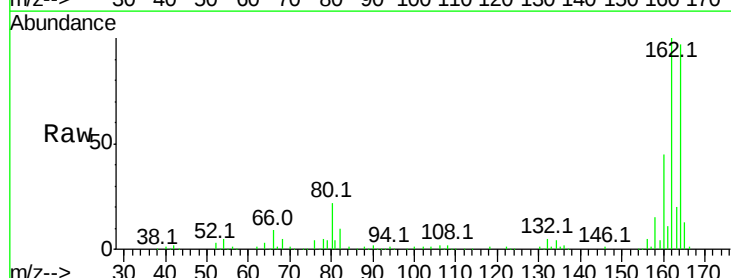
Tgt Ion:164 Resp: 154670

Ion Ratio Lower Upper

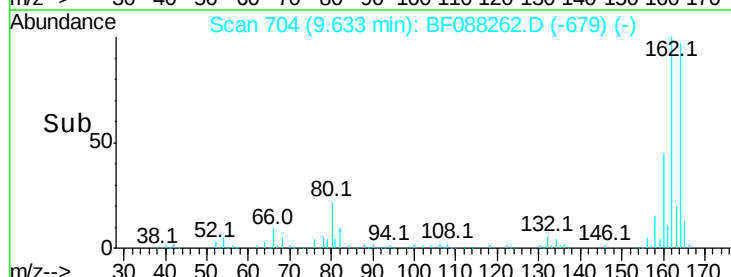
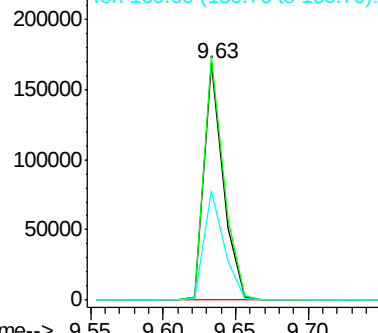
164 100

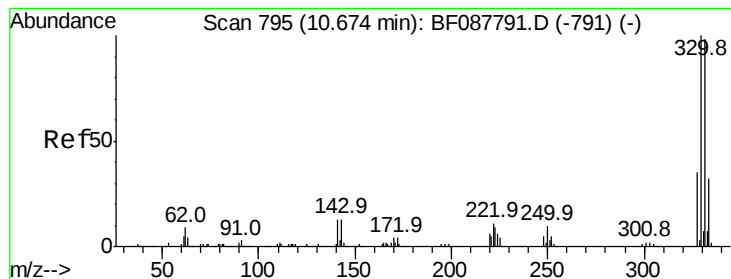
162 102.9 85.4 128.2

160 46.4 39.5 59.3



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: 102.94 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Instrument :

BNA_F

ClientSampleId :

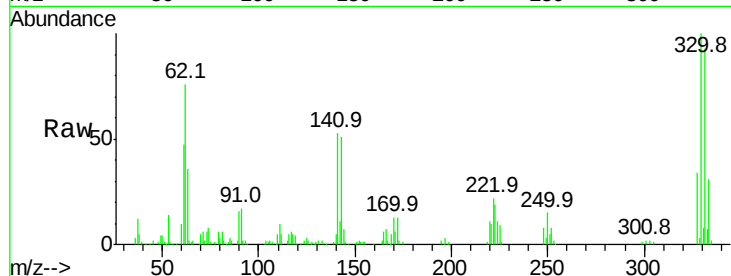
Tot Ion:330 Resp: 168122

Ion Ratio Lower Upper

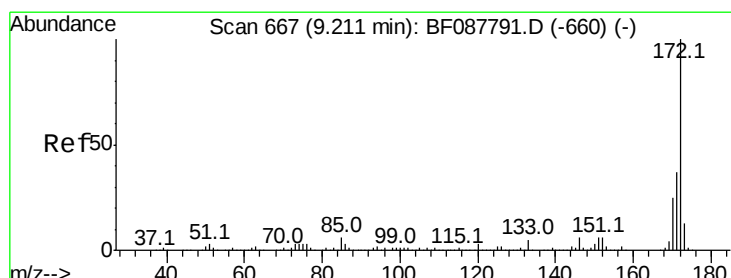
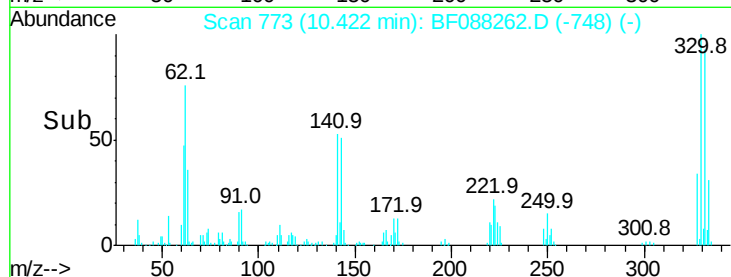
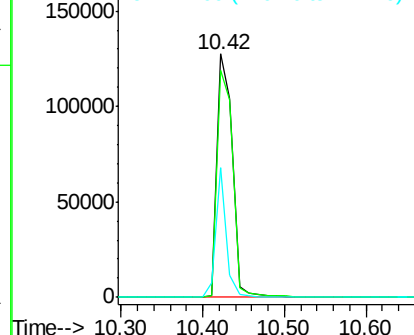
330 100

332 96.2 0.0 0.0#

141 36.6 0.0 0.0#



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: 88.03 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

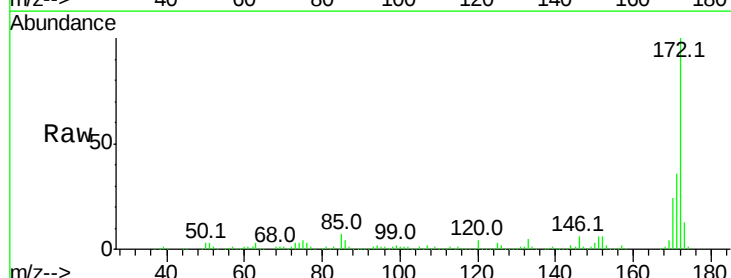
Tgt Ion:172 Resp: 864786

Ion Ratio Lower Upper

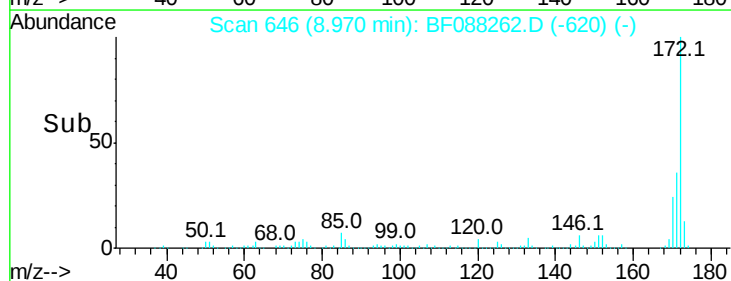
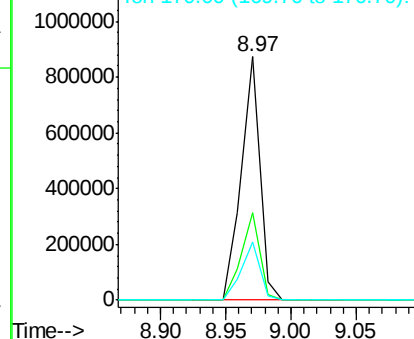
172 100

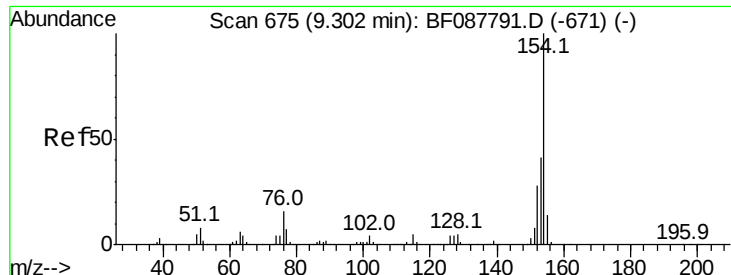
171 36.1 28.6 43.0

170 24.0 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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 8.97 min Scan# 646

Delta R.T. -0.10 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Instrument :

BNA_F

ClientSampleId :

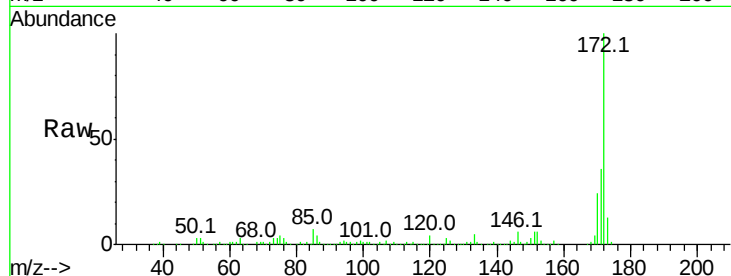
Tot Ion:154 Resp: 1743

Ion Ratio Lower Upper

154 100

153 890.9 20.6 60.6#

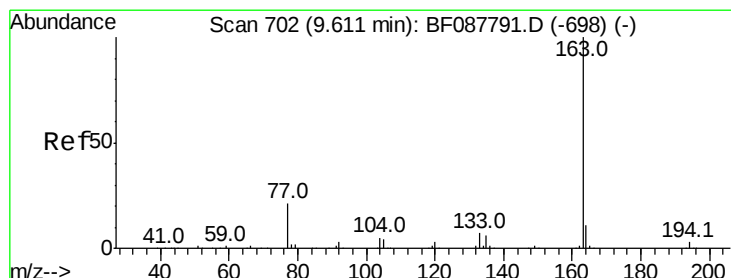
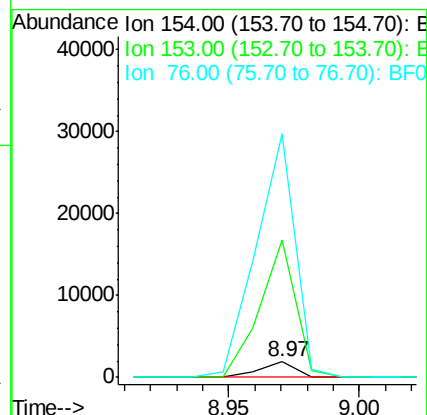
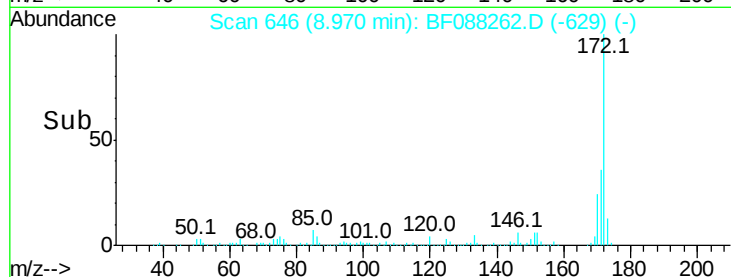
76 1577.5 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 14.23 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

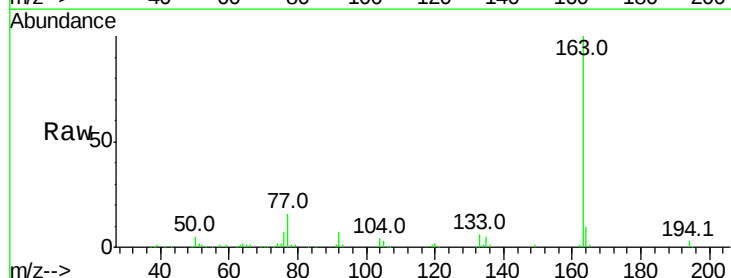
Tgt Ion:163 Resp: 159481

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

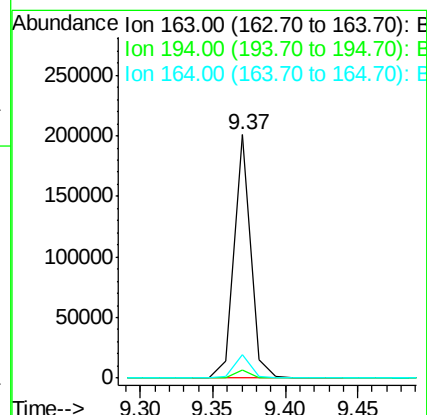
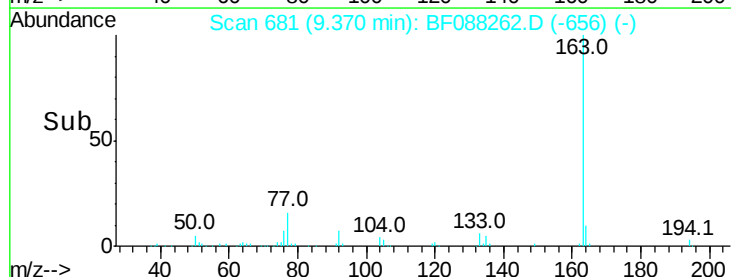
164 9.9 8.3 12.5

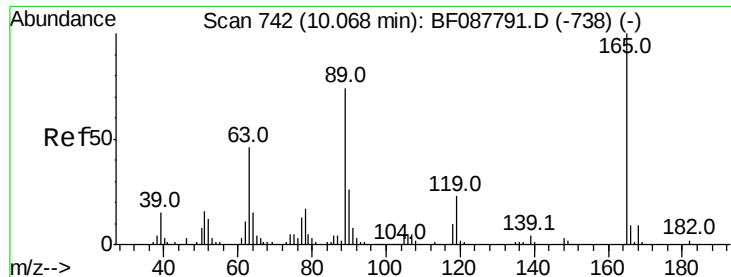


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

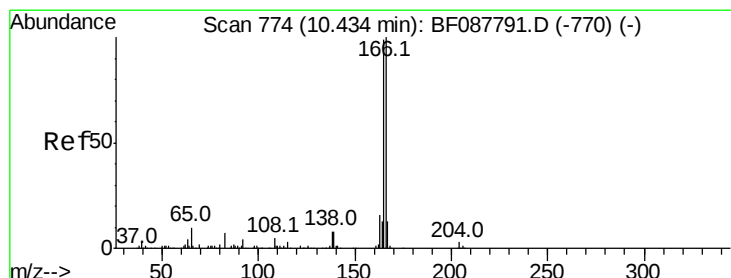
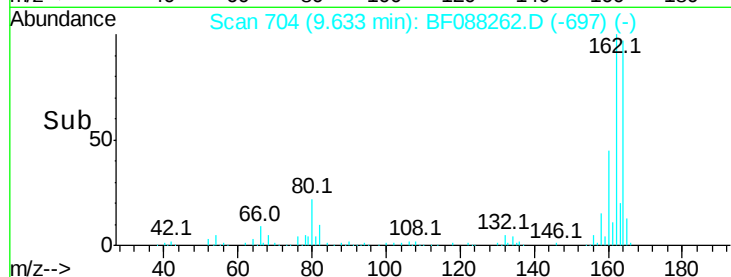
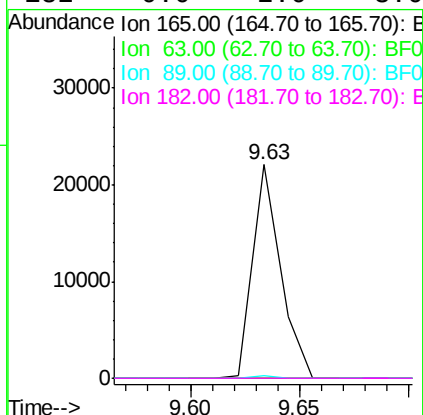
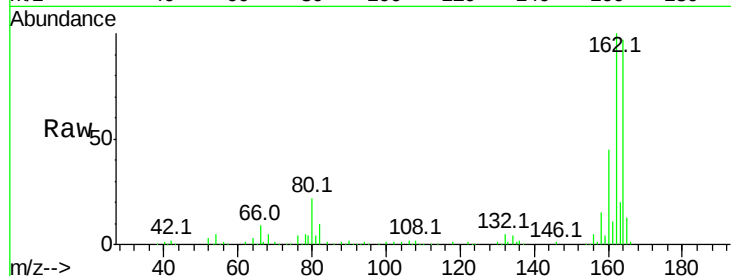




#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088262.D
Acq: 22 Jun 2016 21:16

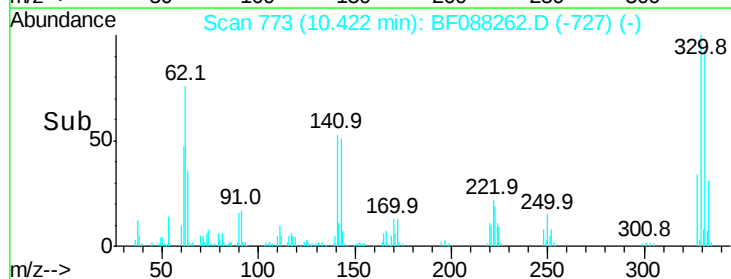
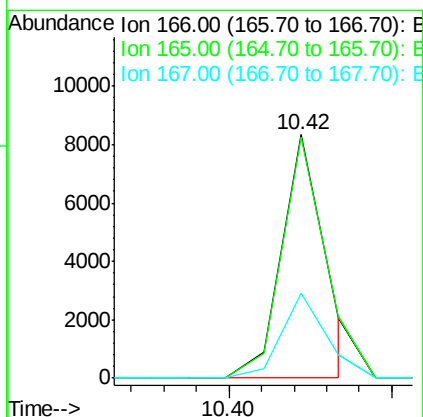
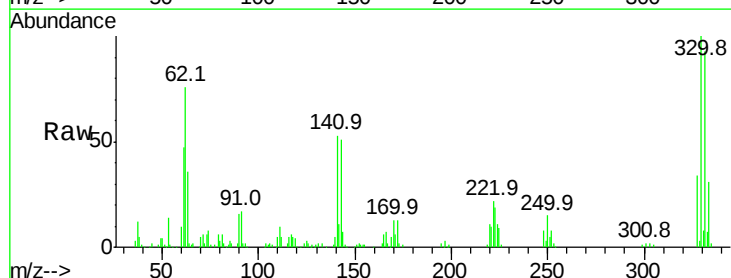
Instrument :
BNA_F
ClientSampleId :

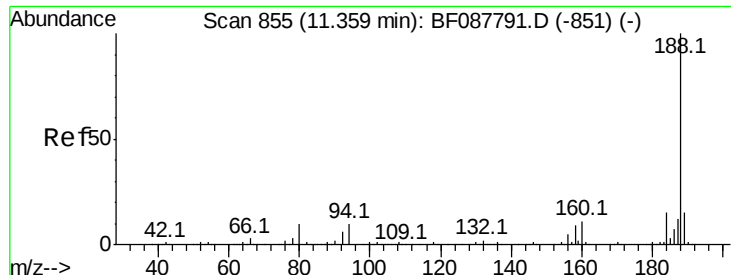
Tot Ion:165	Resp:	19697
Ion Ratio	Lower	Upper
165 100		
63 0.0	22.0	33.0#
89 1.5	41.1	61.7#
182 0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 773
Delta R.T. 0.23 min
Lab File: BF088262.D
Acq: 22 Jun 2016 21:16

Tgt Ion:166	Resp:	7739
Ion Ratio	Lower	Upper
166 100		
165 98.9	77.8	116.8
167 34.9	11.2	16.8#

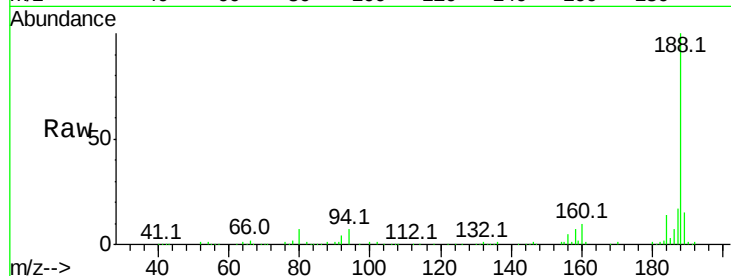




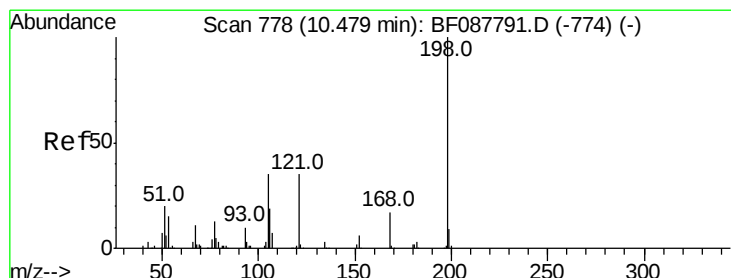
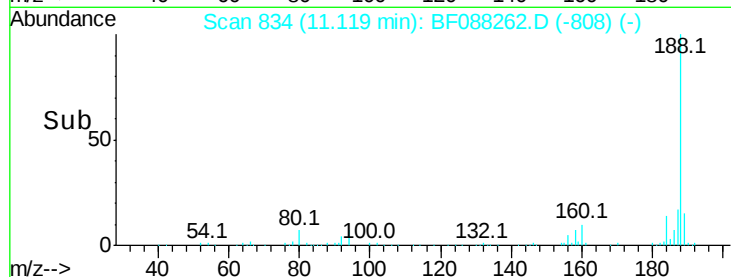
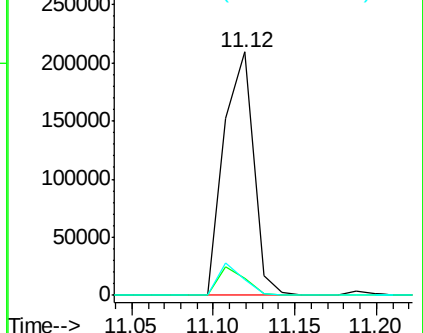
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088262.D
Acq: 22 Jun 2016 21:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 263006
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.6#
80 6.7 10.0 15.0#

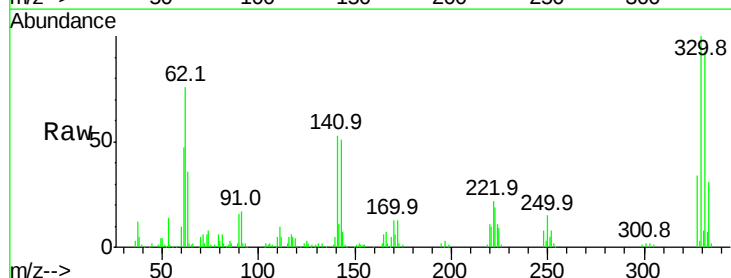


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

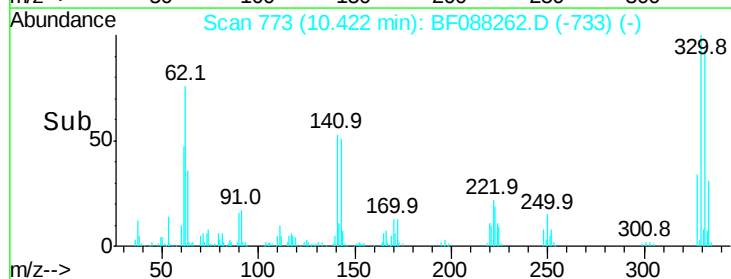
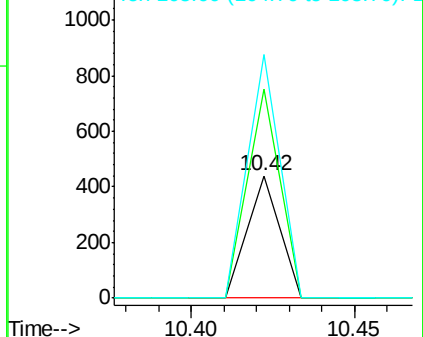


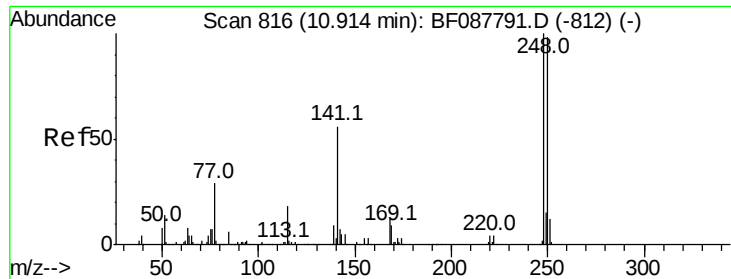
#64
4,6-Dinitro-2-methylphenol
Concen: 2.34 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088262.D
Acq: 22 Jun 2016 21:16

Tgt Ion:198 Resp: 301
Ion Ratio Lower Upper
198 100
51 171.1 39.6 79.6#
105 199.5 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.57 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

Instrument :

BNA_F

ClientSampleId :

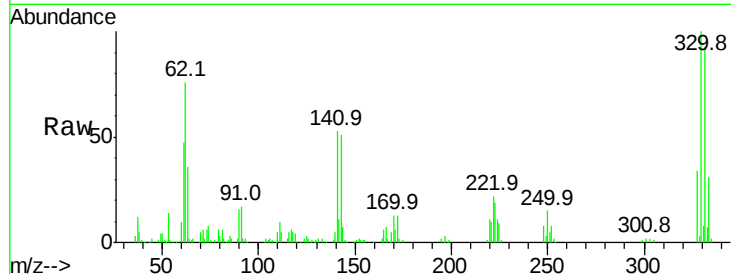
Tot Ion:248 Resp: 10062

Ion Ratio Lower Upper

248 100

250 195.3 77.1 115.7#

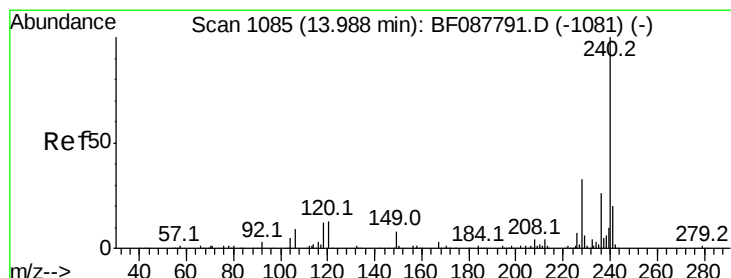
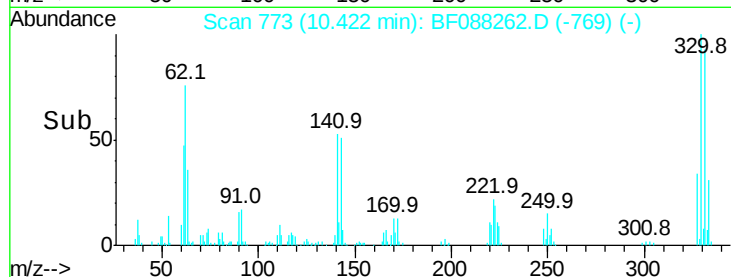
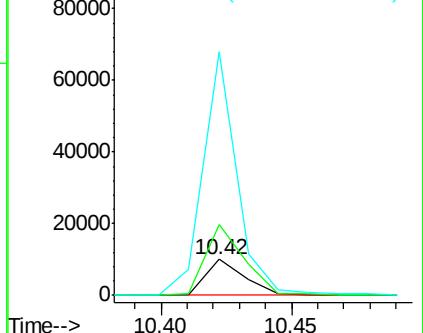
141 673.2 50.6 76.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088262.D

Acq: 22 Jun 2016 21:16

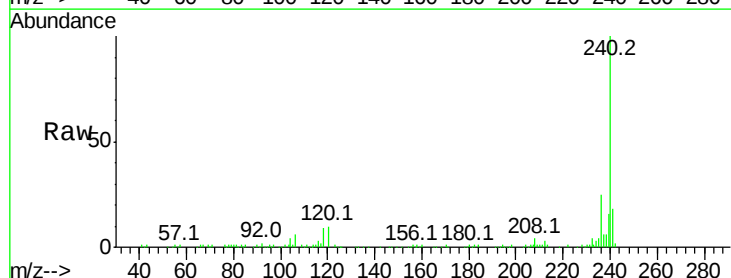
Tgt Ion:240 Resp: 174298

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

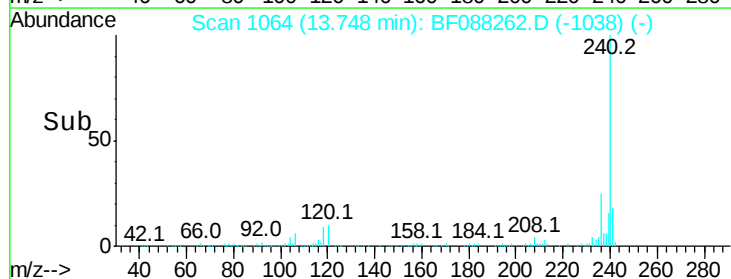
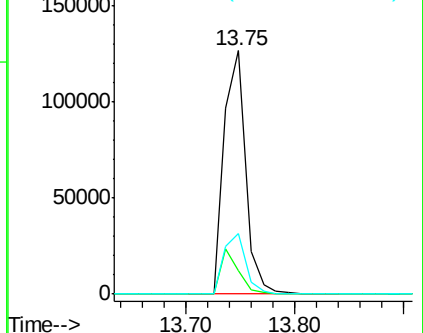
236 25.1 20.2 30.2

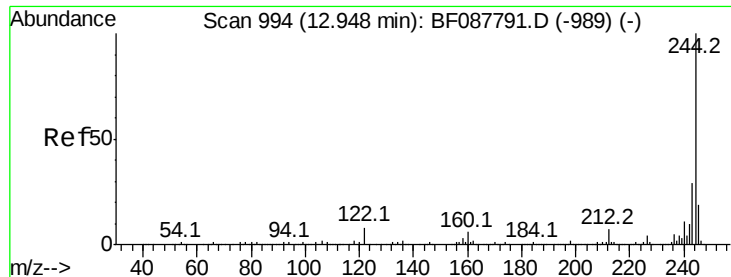


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

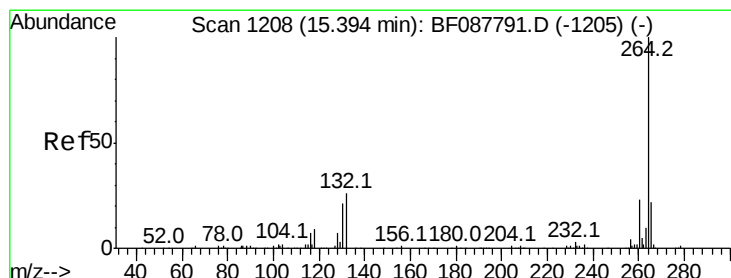
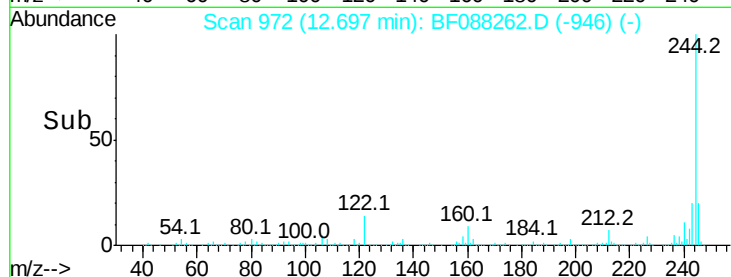
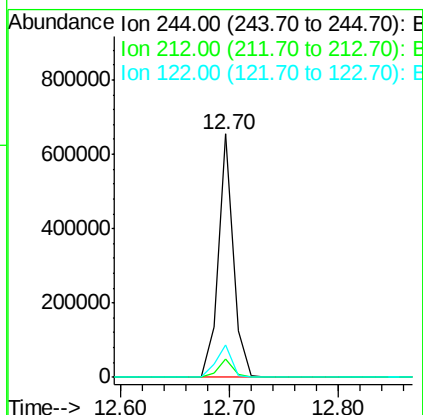
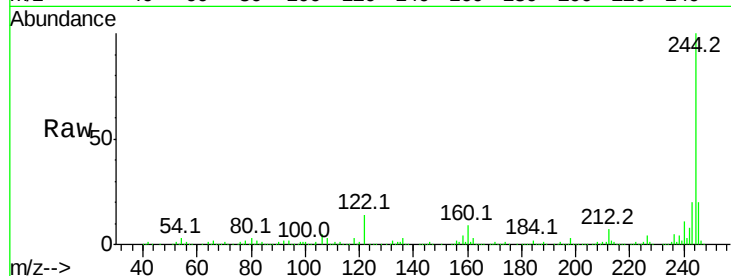




#78
 Terphenyl-d14
 Concen: 82.61 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088262.D
 Acq: 22 Jun 2016 21:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 632729
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088262.D
 Acq: 22 Jun 2016 21:16

Tgt Ion:264 Resp: 161379
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 16.9 25.3

