

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082072.D
 Acq On : 6 Oct 2015 5:01
 Operator : UM/IZ
 Sample : G3891-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-24)

Quant Time: Oct 06 07:43:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

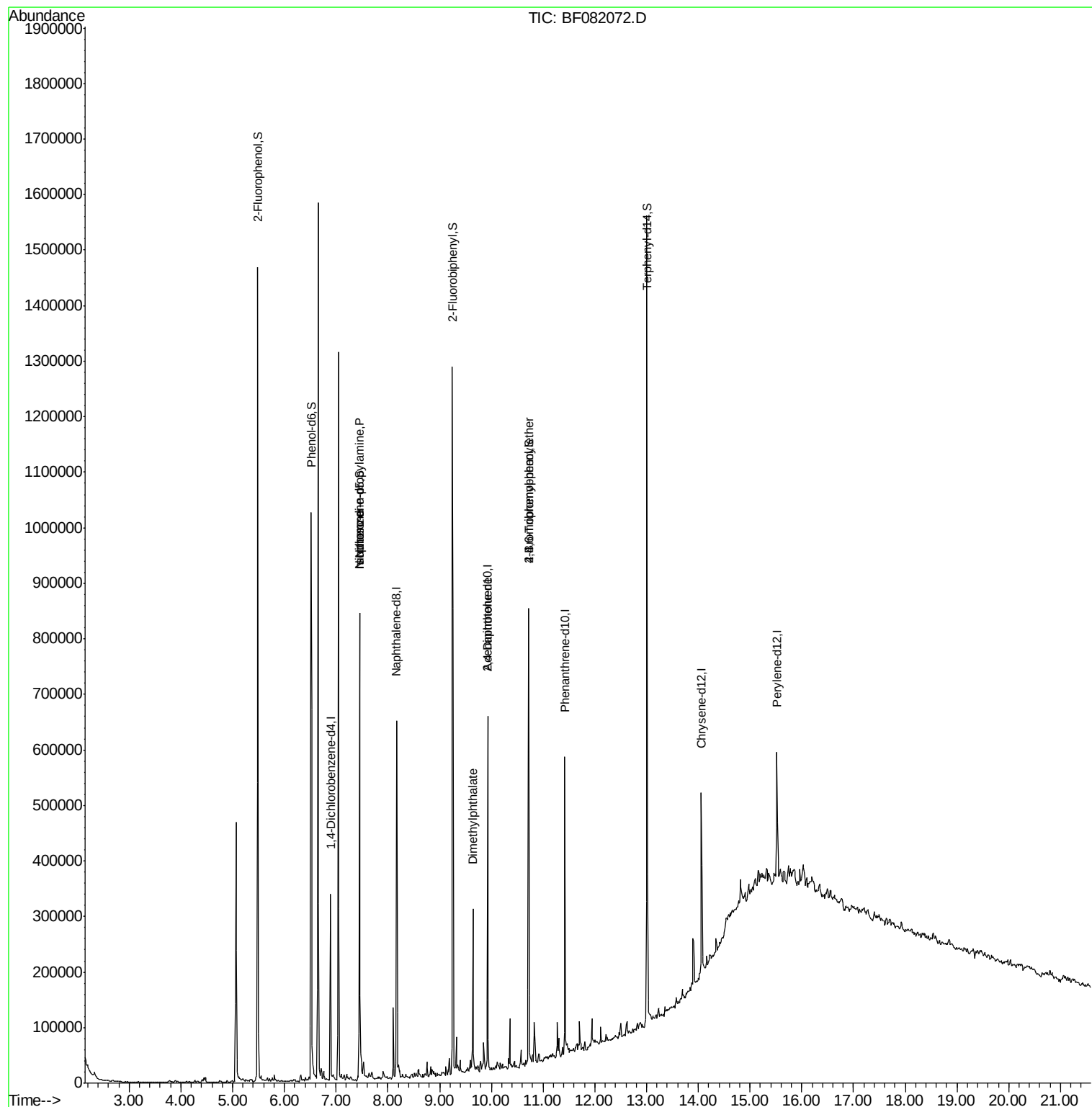
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	78547	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	284844	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	121997	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	207232	20.00	ng	0.00
75) Chrysene-d12	14.06	240	173283	20.00	ng	0.00
86) Perylene-d12	15.52	264	112592	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	430371	99.46	ng	0.01
7) Phenol-d6	6.51	99	503208	92.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	291508	68.22	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	99242	80.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	558901	74.91	ng	0.00
78) Terphenyl-d14	13.01	244	493074	94.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	37144	11.22	ng	# 59
25) Isophorone	7.45	82	258233	30.49	ng	# 58
49) Dimethylphthalate	9.65	163	100535	11.94	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	15481	6.64	ng	# 34
57) Fluorene	10.48	166	568	Below	Cal	# 49
66) 4-Bromophenyl-phenylether	10.72	248	6566	3.14	ng	# 1
70) Phenanthrene	11.44	178	3431	Below	Cal	# 80
73) Di-n-butylphthalate	11.98	149	1396	Below	Cal	# 71

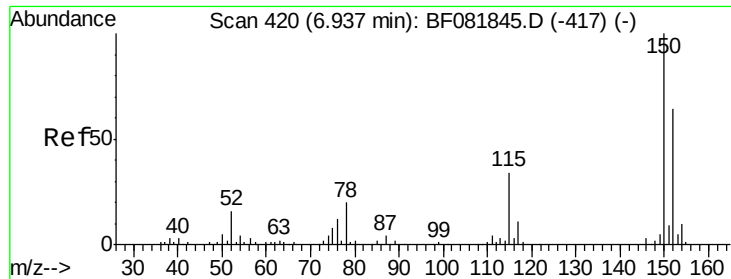
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082072.D
Acq On : 6 Oct 2015 5:01
Operator : UM/IZ
Sample : G3891-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-4(0-24)

Quant Time: Oct 06 07:43:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

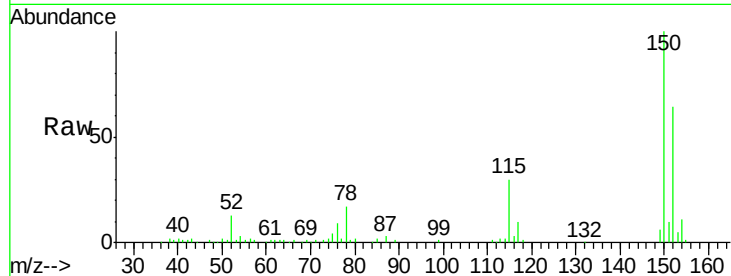
Tgt Ion:152 Resp: 78547

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

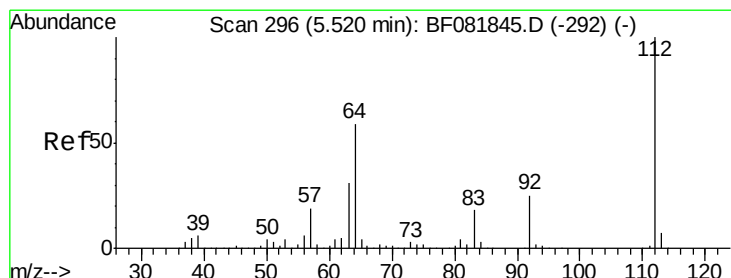
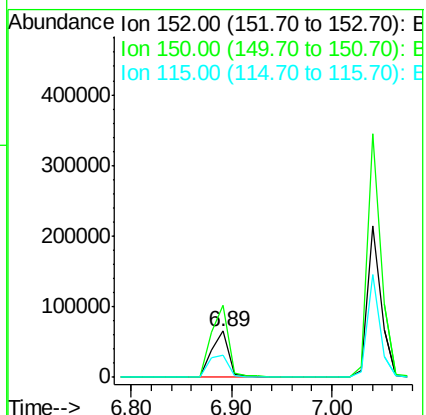
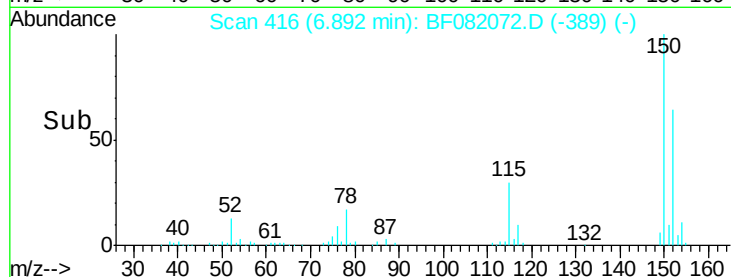
115 47.8 39.0 58.4



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: 99.46 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

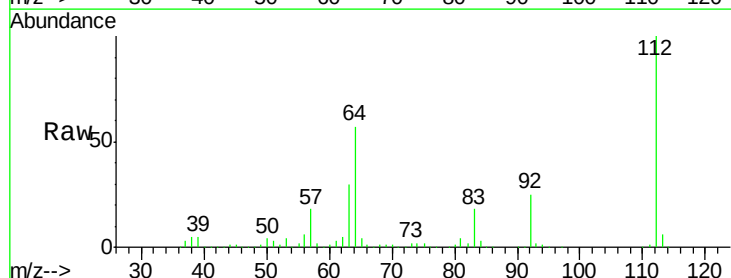
Tgt Ion:112 Resp: 430371

Ion Ratio Lower Upper

112 100

64 57.4 39.7 59.5

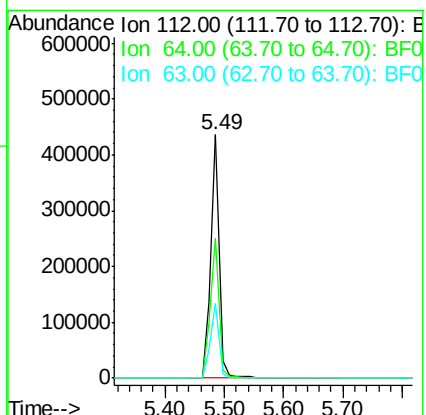
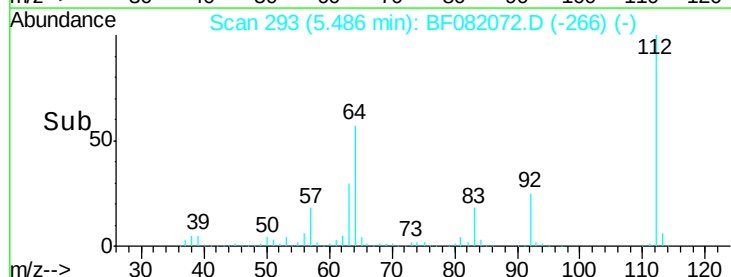
63 30.4 17.4 26.0#

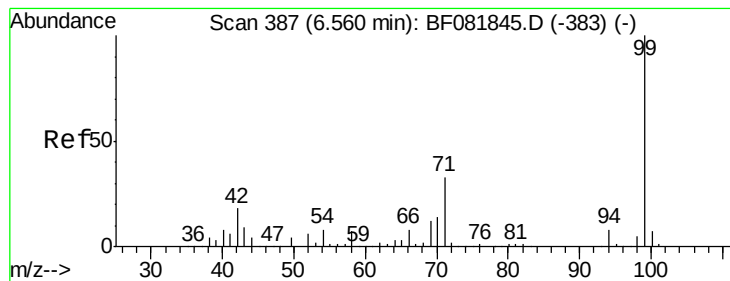


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.42 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

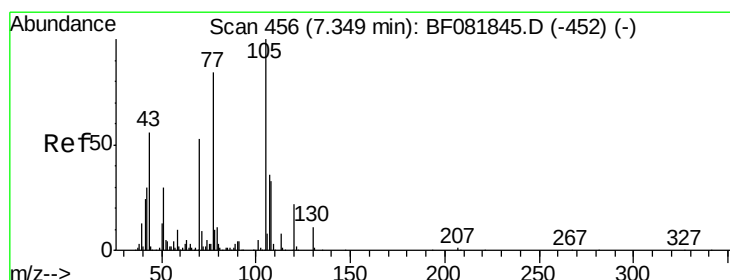
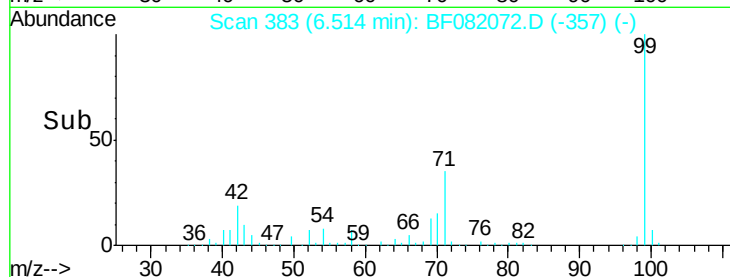
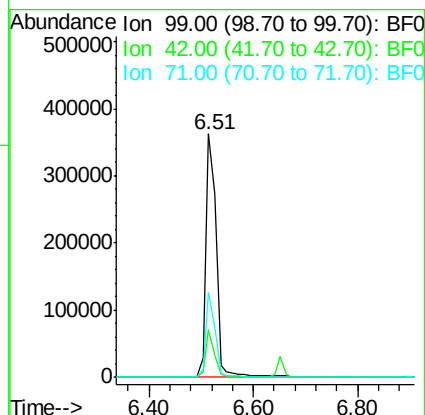
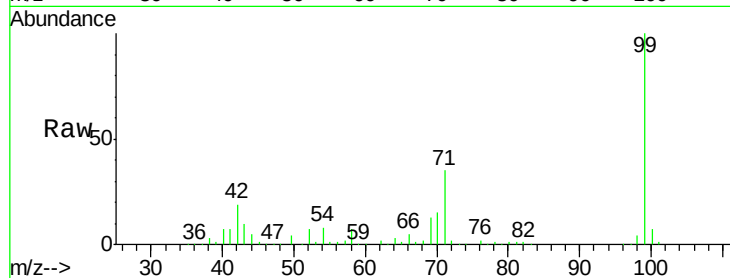
Tgt Ion: 99 Resp: 503208

Ion Ratio Lower Upper

99 100

42 19.5 13.7 20.5

71 34.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.22 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Tgt Ion: 70 Resp: 37144

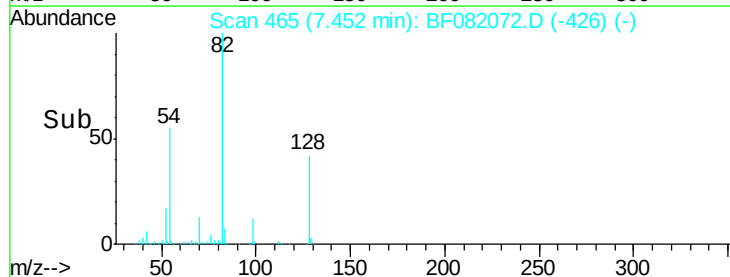
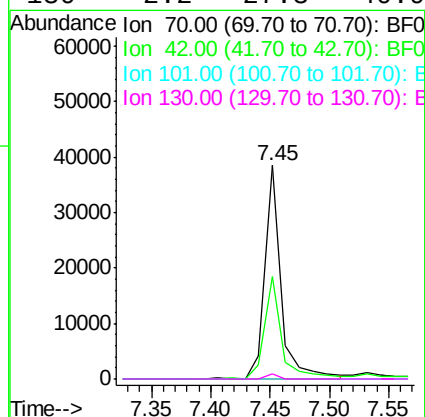
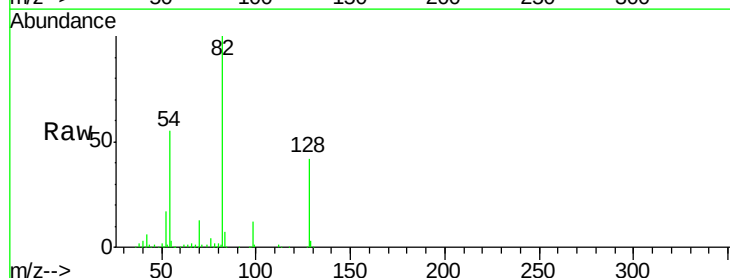
Ion Ratio Lower Upper

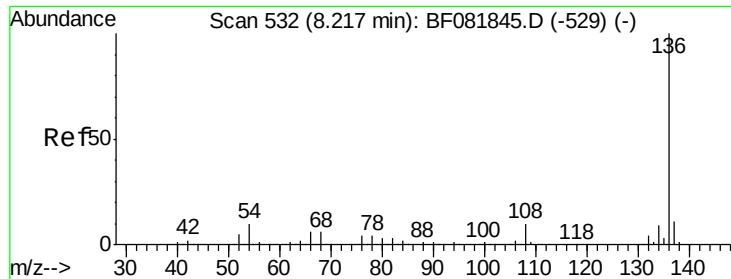
70 100

42 48.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

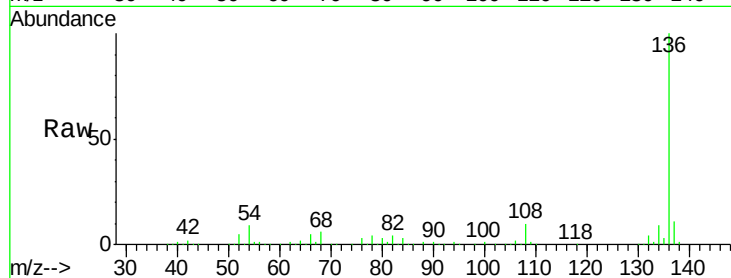




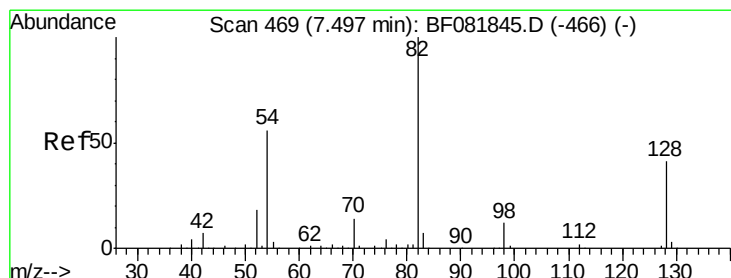
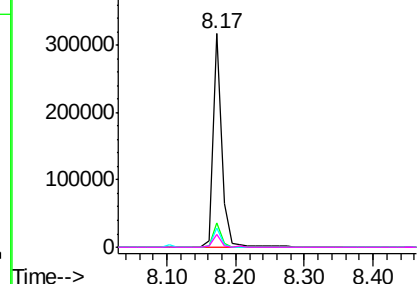
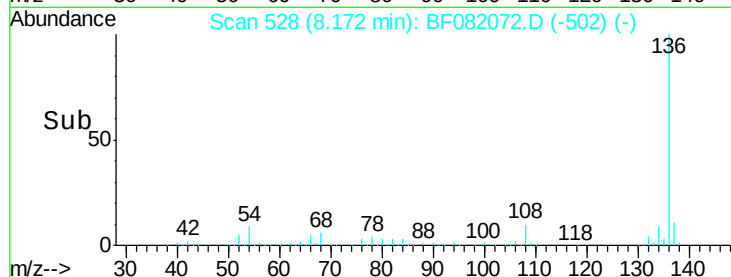
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082072.D
Acq: 6 Oct 2015 5:01

Instrument :
BNA_F
ClientSampleId :
SS-4(0-24)

Tgt Ion:	136	Resp:	284844
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.9	8.2	12.2
68	5.8	5.8	8.6

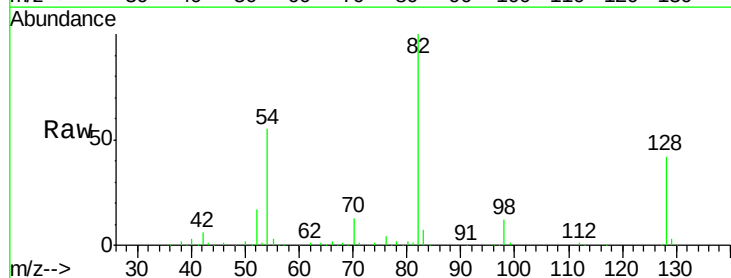


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

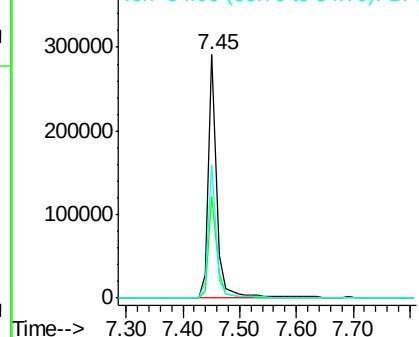
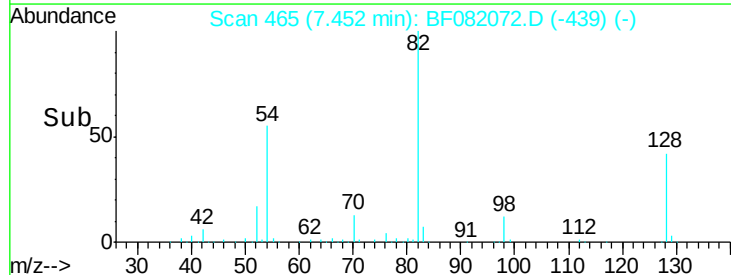


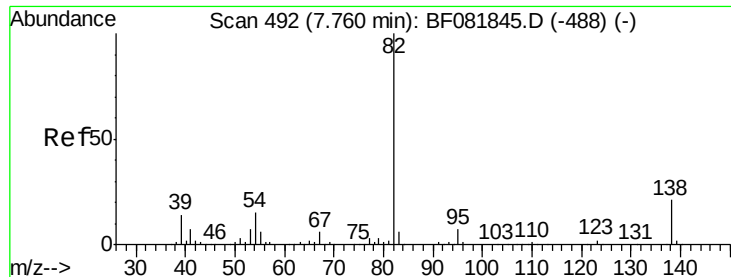
#23
Nitrobenzene-d5
Concen: 68.22 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082072.D
Acq: 6 Oct 2015 5:01

Tgt Ion:	82	Resp:	291508
Ion	Ratio	Lower	Upper
82	100		
128	41.7	51.0	76.6#
54	54.6	47.5	71.3



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





#25

Isophorone

Concen: 30.49 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

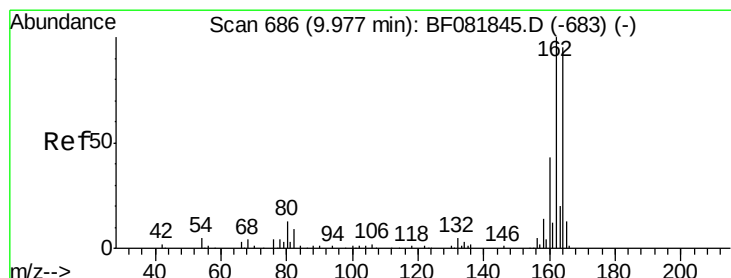
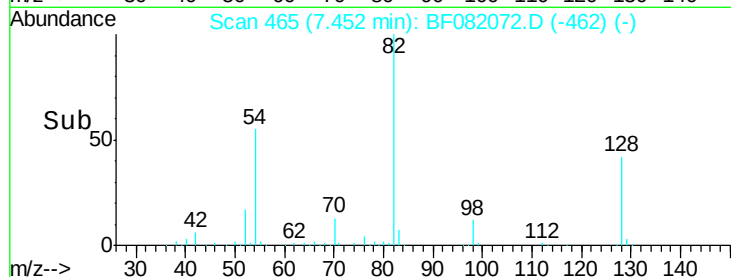
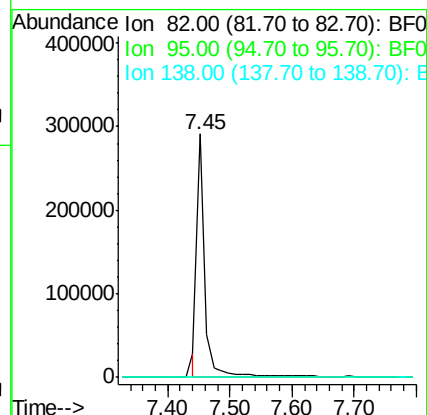
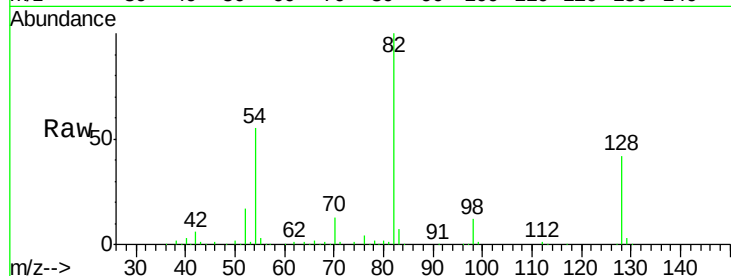
Tgt Ion: 82 Resp: 258233

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

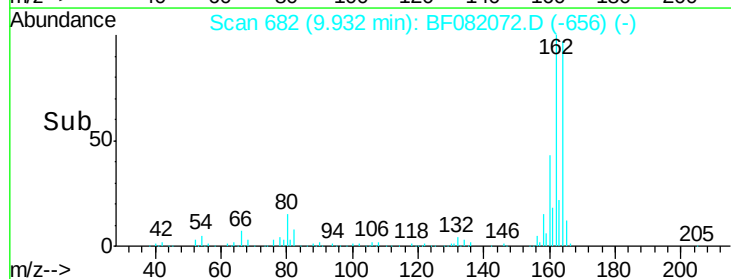
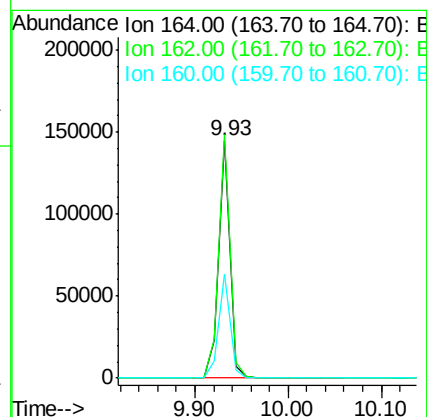
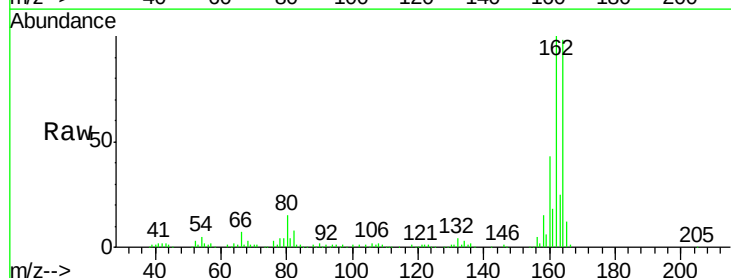
Tgt Ion: 164 Resp: 121997

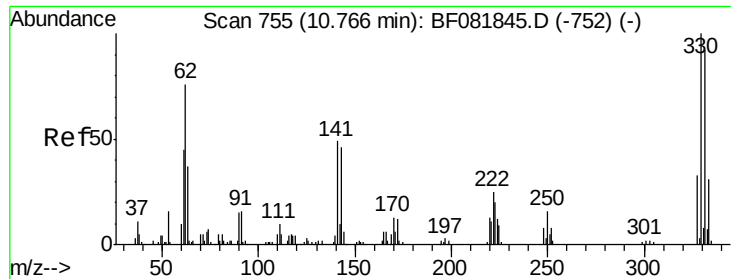
Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

160 44.0 31.5 47.3

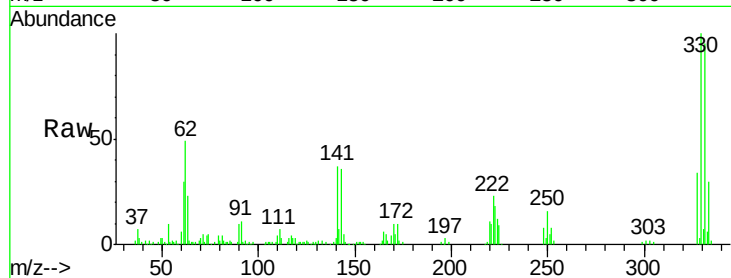




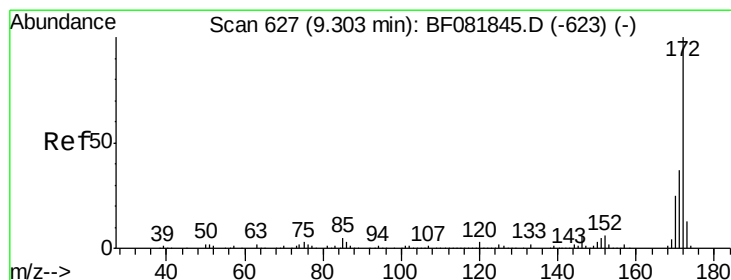
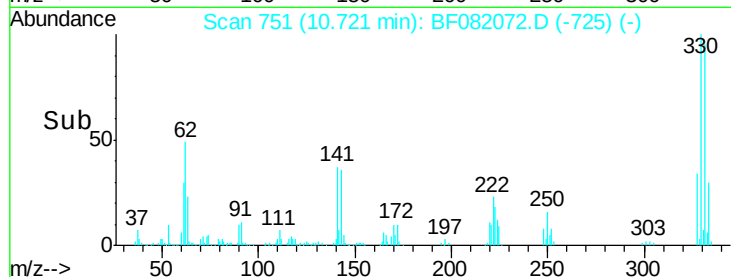
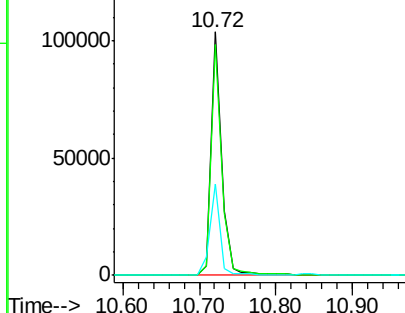
#41
 2,4,6-Tribromophenol
 Concen: 80.32 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-24)

Tgt Ion:330 Resp: 99242
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 37.6 29.7 44.5

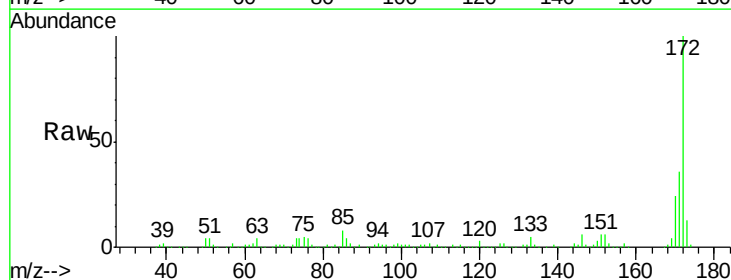


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

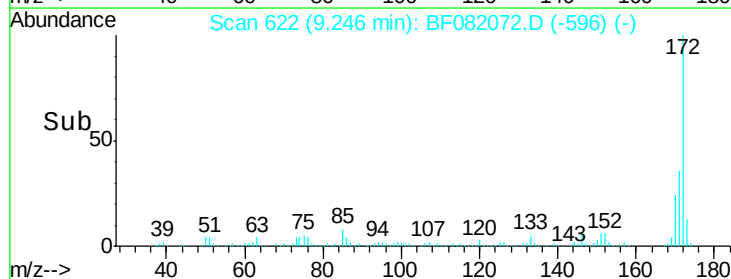
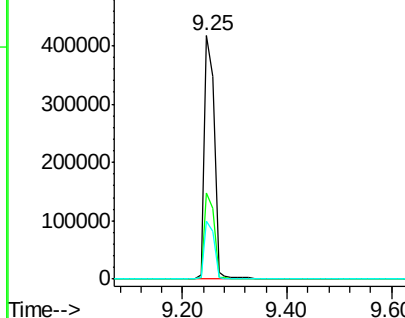


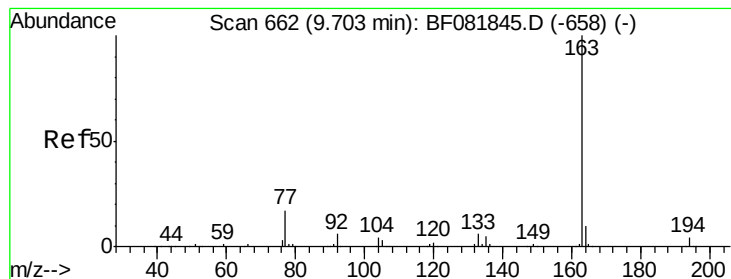
#44
 2-Fluorobiphenyl
 Concen: 74.91 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

Tgt Ion:172 Resp: 558901
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.6 17.4 26.2



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





#49

Dimethylphthalate

Concen: 11.94 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

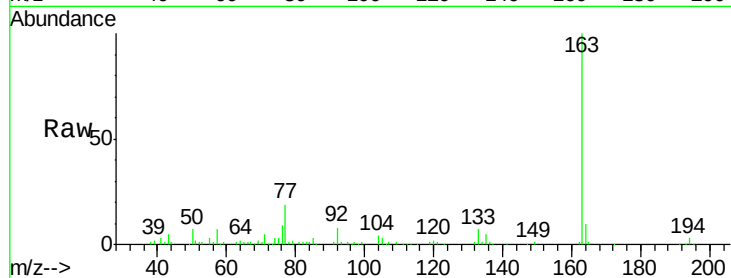
Tgt Ion:163 Resp: 100535

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

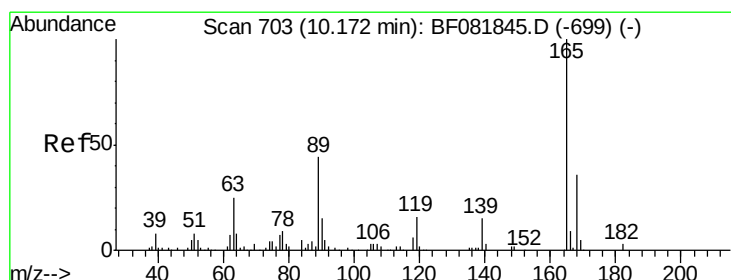
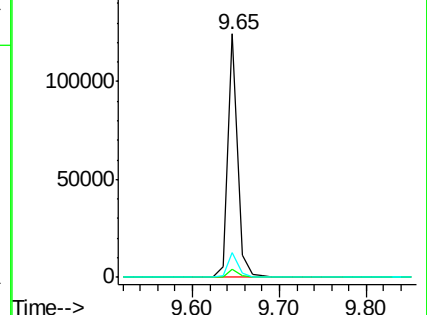
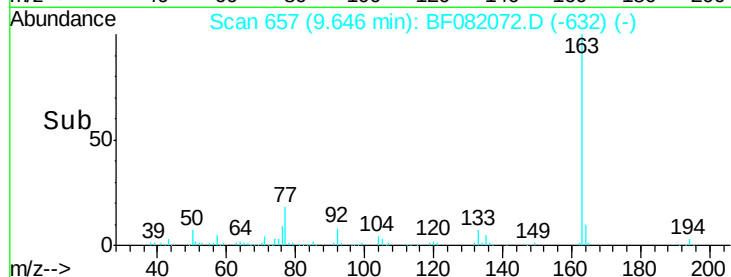
164 10.1 8.3 12.5



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: 6.64 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Tgt Ion:165 Resp: 15481

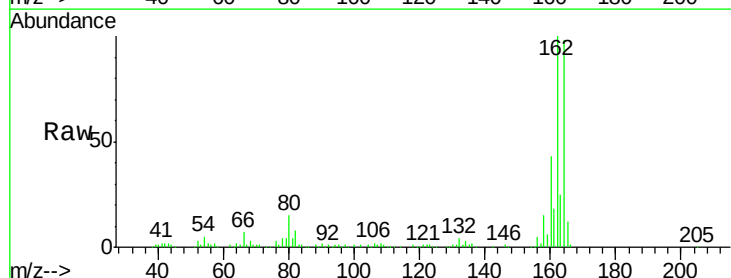
Ion Ratio Lower Upper

165 100

63 1.7 29.8 44.6#

89 1.9 44.5 66.7#

182 0.0 3.0 4.4#

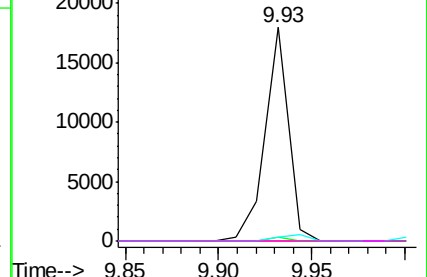
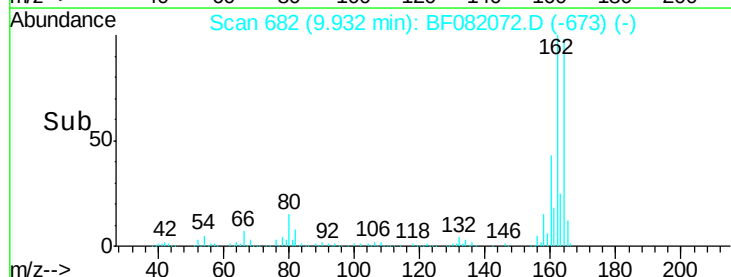


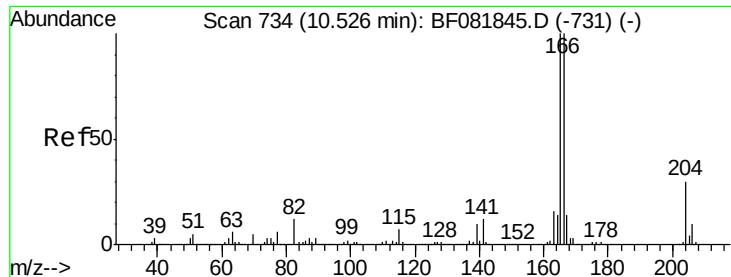
Abundance Ion 165.00 (164.70 to 165.70): E

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

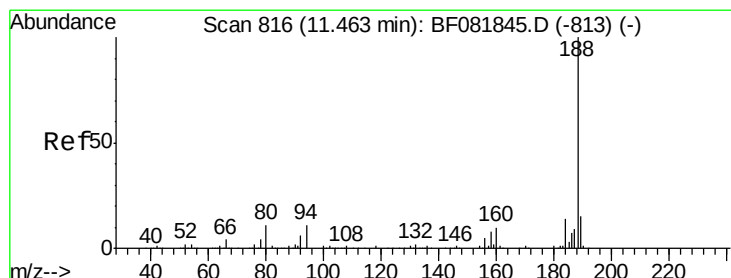
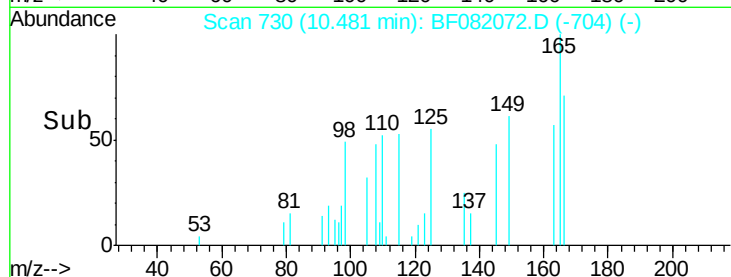
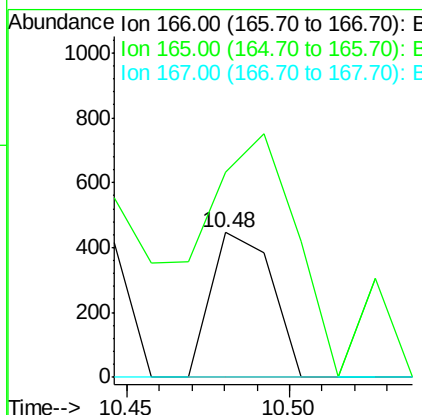
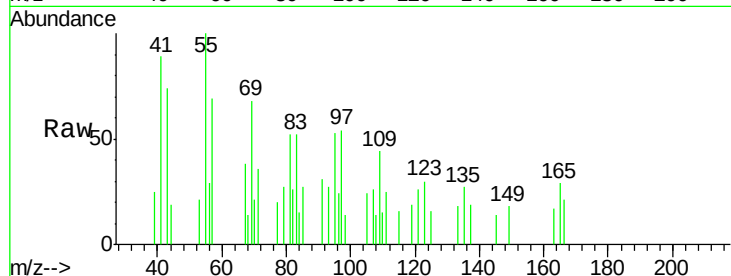




#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082072.D
Acq: 6 Oct 2015 5:01

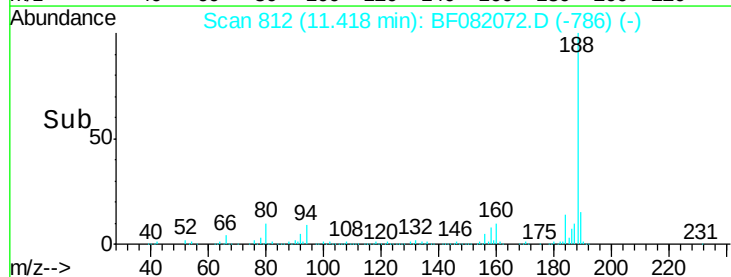
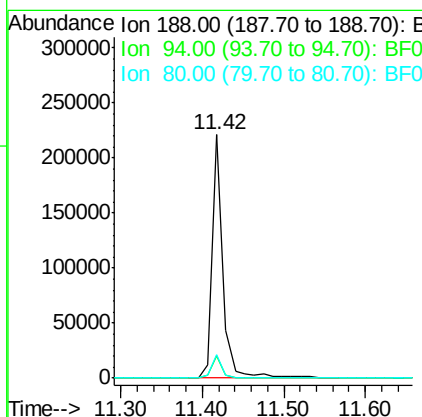
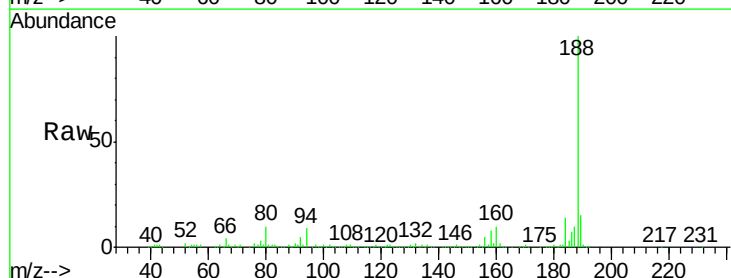
Instrument :
BNA_F
ClientSampleId :
SS-4(0-24)

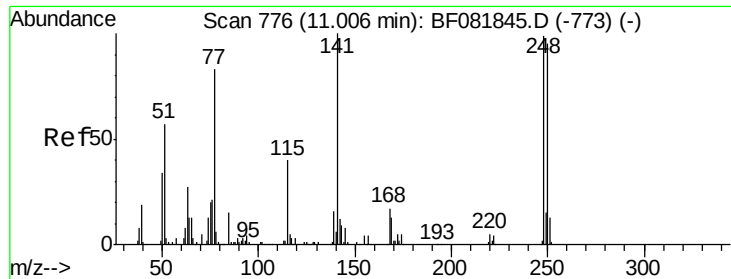
Tgt Ion:166 Resp: 568
Ion Ratio Lower Upper
166 100
165 141.5 72.6 109.0#
167 0.0 10.6 16.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082072.D
Acq: 6 Oct 2015 5:01

Tgt Ion:188 Resp: 207232
Ion Ratio Lower Upper
188 100
94 9.0 11.1 16.7#
80 9.8 11.0 16.4#





#66

4-Bromophenyl-phenylether

Concen: 3.14 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.24 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

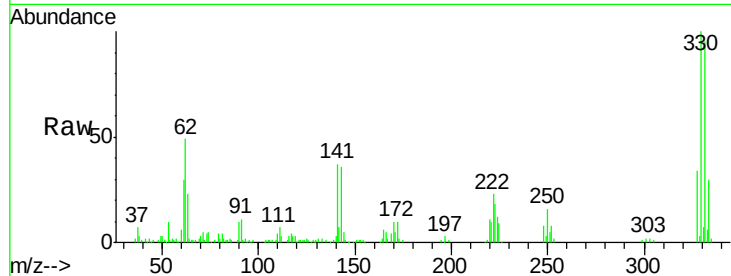
Tgt Ion:248 Resp: 6566

Ion Ratio Lower Upper

248 100

250 205.9 78.5 117.7#

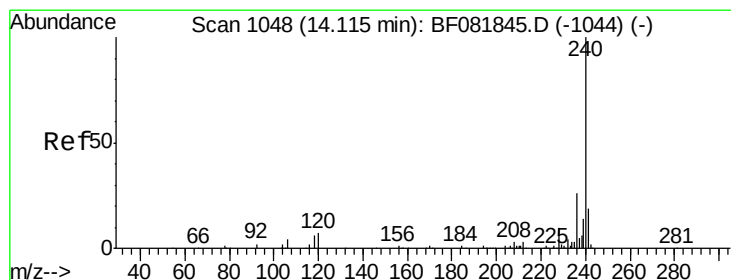
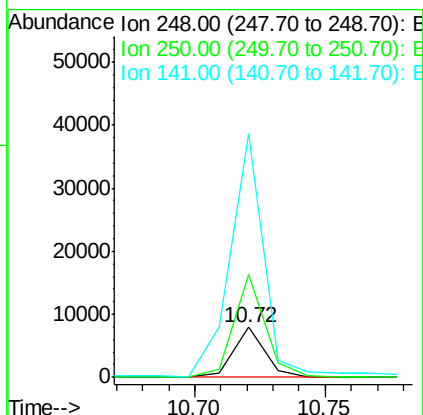
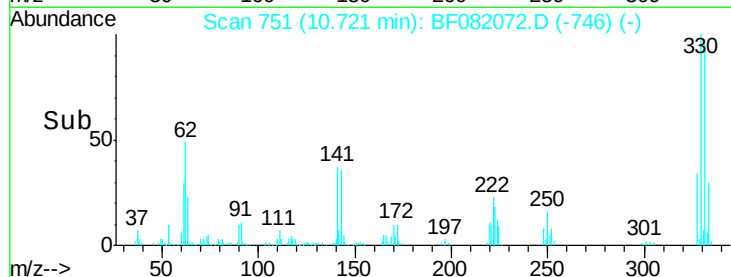
141 488.3 59.0 88.6#



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: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

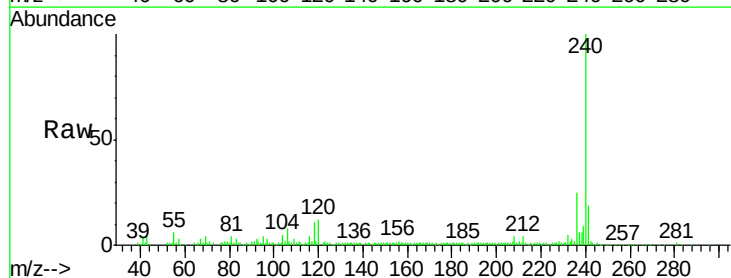
Tgt Ion:240 Resp: 173283

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

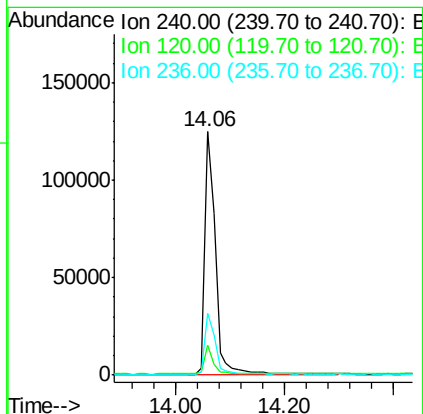
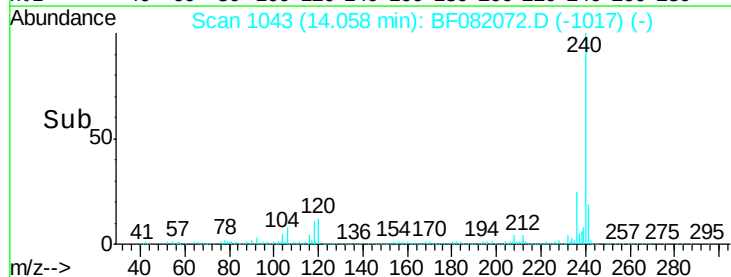
236 25.3 18.4 27.6

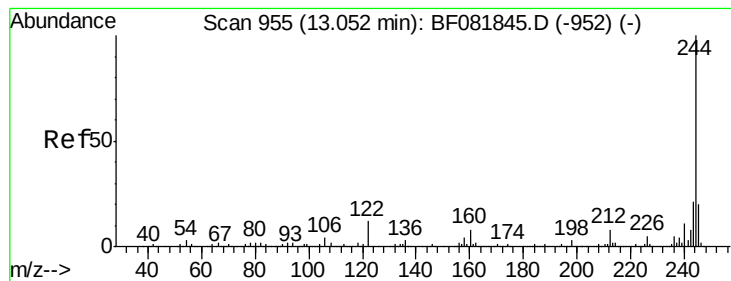


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.95 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

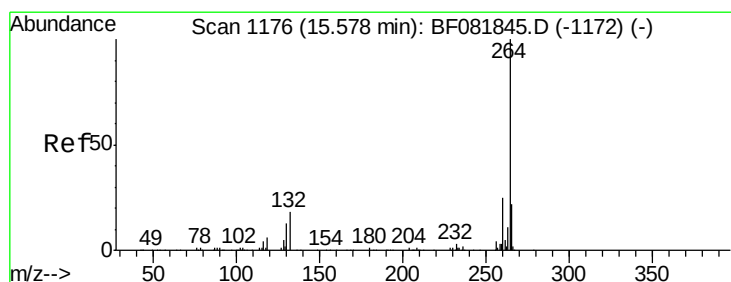
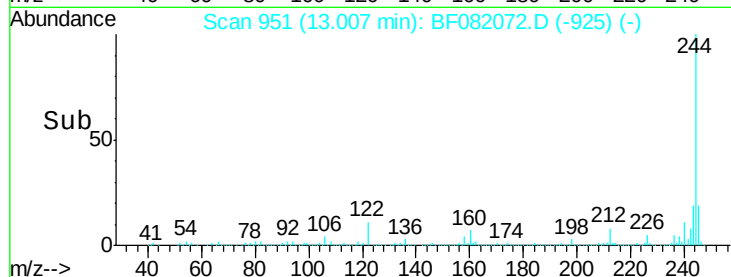
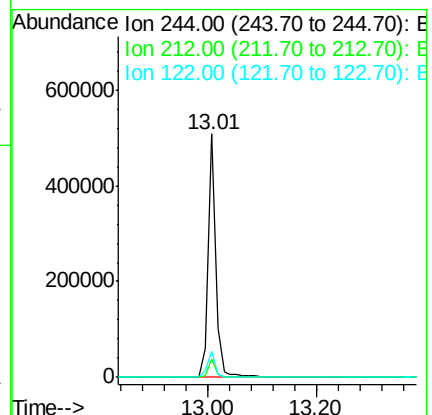
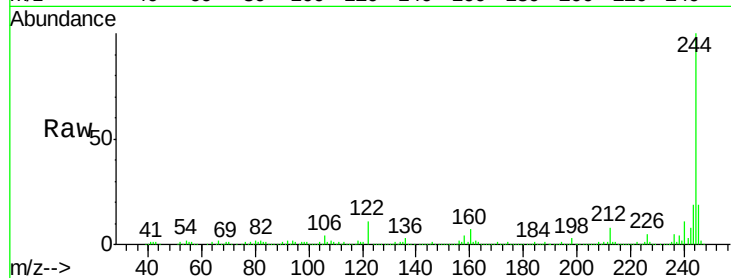
Tgt Ion:244 Resp: 493074

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

122 10.9 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Tgt Ion:264 Resp: 112592

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

265 22.8 17.2 25.8

