

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082064.D
 Acq On : 6 Oct 2015 1:01
 Operator : UM/IZ
 Sample : G3891-11RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-24)

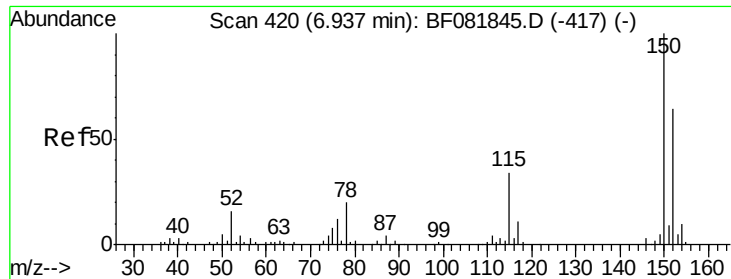
Quant Time: Oct 06 01:29:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	102944	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	400209	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	182269	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	287436	20.00	ng	0.00
75) Chrysene-d12	14.06	240	226304	20.00	ng	0.00
86) Perylene-d12	15.52	264	173408	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	802614	141.53	ng	0.02
7) Phenol-d6	6.53	99	1016112	142.40	ng	0.01
23) Nitrobenzene-d5	7.45	82	614420	102.34	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	202029	109.44	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1183210	117.05	ng	0.01
78) Terphenyl-d14	13.01	244	837498	149.69	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	81005	18.68	ng	# 58
25) Isophorone	7.45	82	520275	43.72	ng	# 59
31) Naphthalene	8.19	128	46795	2.64	ng	# 98
37) 2-Methylnaphthalene	8.88	142	44471	3.67	ng	# 92
48) Acenaphthylene	9.79	152	50865	2.88	ng	# 93
49) Dimethylphthalate	9.65	163	229562	18.25	ng	# 98
53) 2,4-Dinitrophenol	10.22	184	513	Below Cal		# 41
57) Fluorene	10.48	166	8890	Below Cal		# 75
66) 4-Bromophenyl-phenylether	10.72	248	13320	4.60	ng	# 1
70) Phenanthrene	11.44	178	73047	3.75	ng	# 98
71) Anthracene	11.50	178	36235	2.48	ng	# 97
73) Di-n-butylphthalate	11.98	149	5524	Below Cal		# 66
74) Fluoranthene	12.63	202	142577	9.26	ng	# 90
77) Pyrene	12.86	202	150438	11.13	ng	# 96
80) Benzo(a)anthracene	14.05	228	121596	9.98	ng	# 86
82) Chrysene	14.05	228	121596	8.75	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.95	276	54492	5.72	ng	# 84
87) Benzo(b)fluoranthene	15.10	252	185392	18.73	ng	# 88
88) Benzo(k)fluoranthene	15.10	252	185392	20.43	ng	# 89
89) Benzo(a)pyrene	15.45	252	86463	10.07	ng	# 87
91) Benzo(g,h,i)perylene	17.38	276	52602	7.12	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

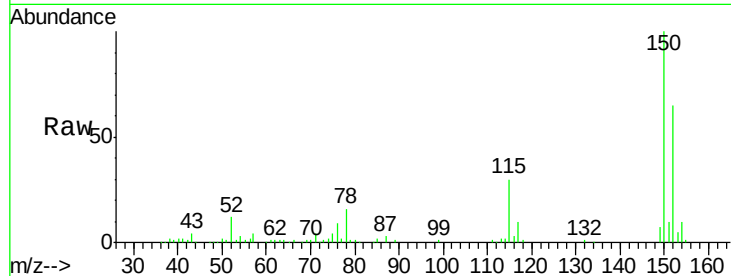
Tgt Ion:152 Resp: 102944

Ion Ratio Lower Upper

152 100

150 154.1 124.7 187.1

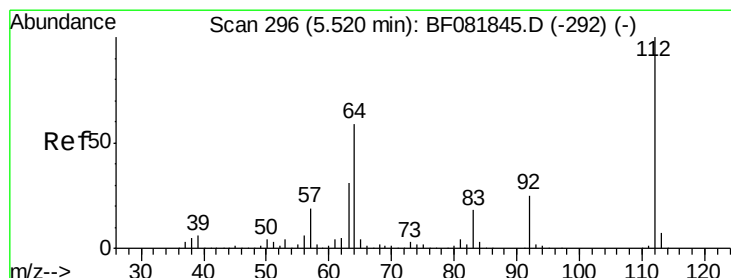
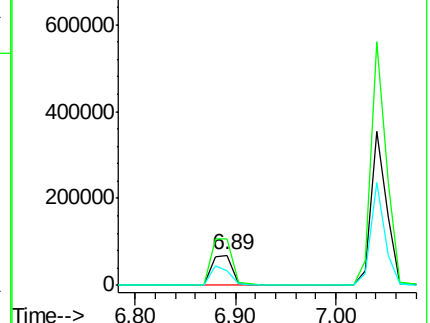
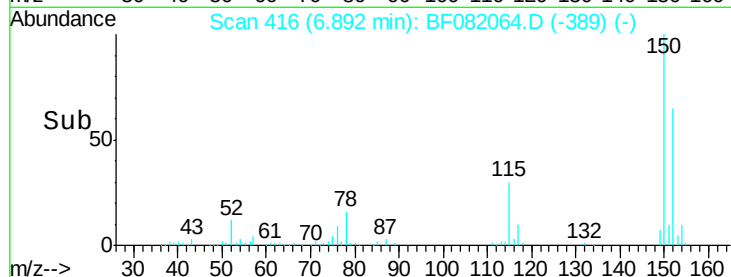
115 46.7 39.0 58.4



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: 141.53 ng

RT: 5.50 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

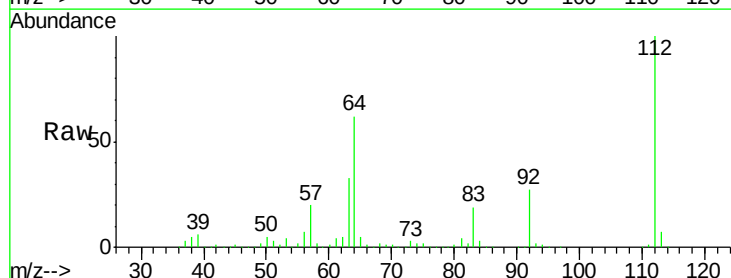
Tgt Ion:112 Resp: 802614

Ion Ratio Lower Upper

112 100

64 61.6 39.7 59.5#

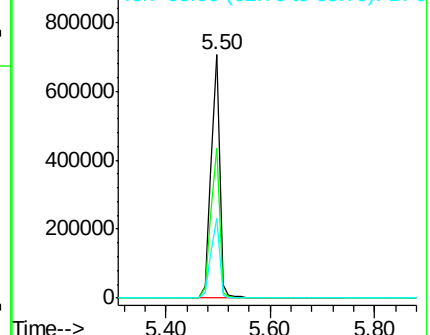
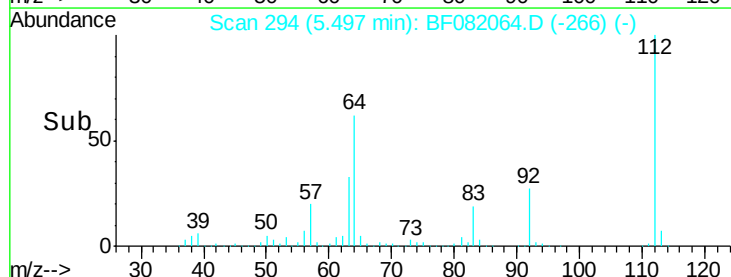
63 32.8 17.4 26.0#

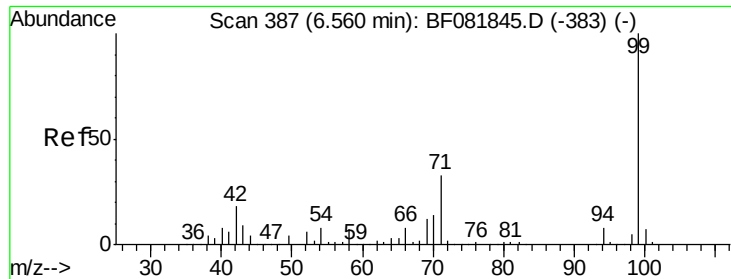


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.40 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

Instrument :

BNA_F

ClientSampled :

SS-9(0-24)

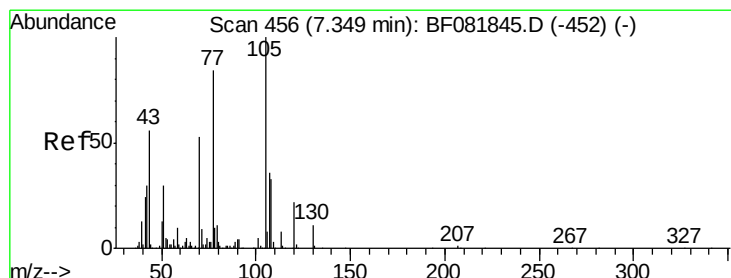
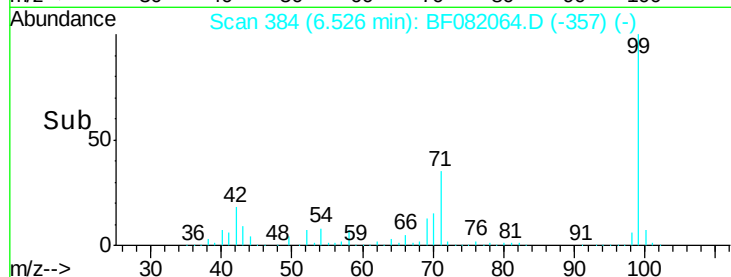
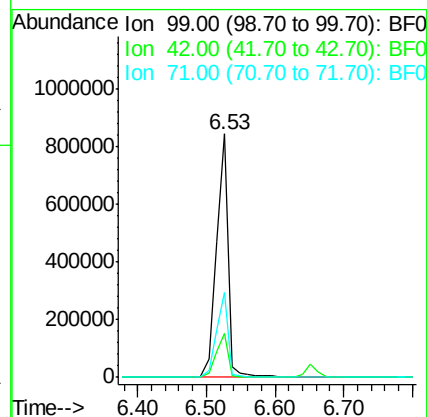
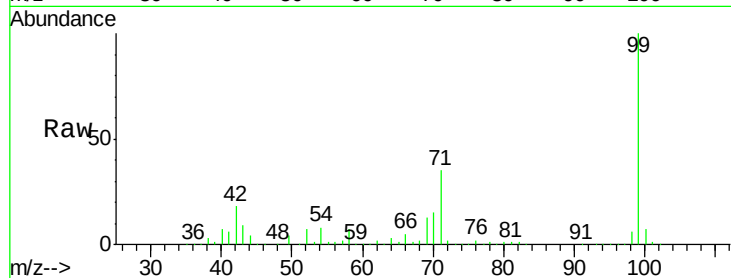
Tgt Ion: 99 Resp: 1016112

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

71 35.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 18.68 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

Tgt Ion: 70 Resp: 81005

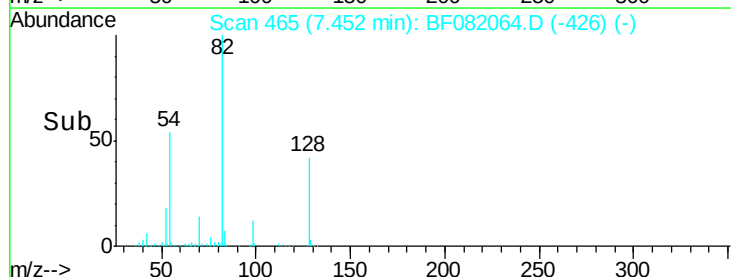
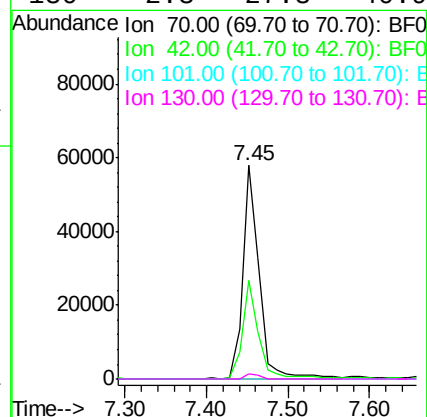
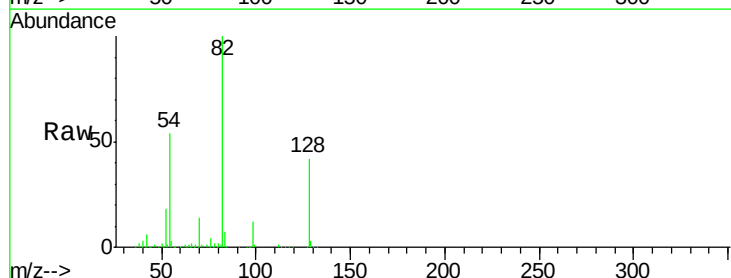
Ion Ratio Lower Upper

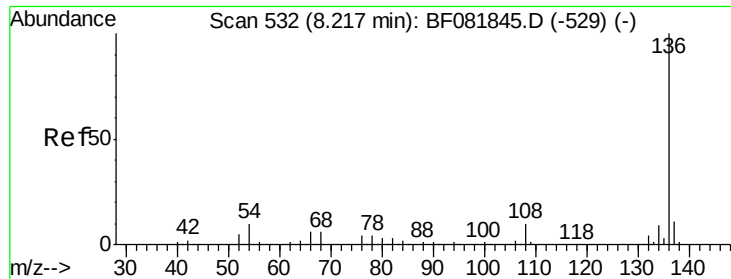
70 100

42 46.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

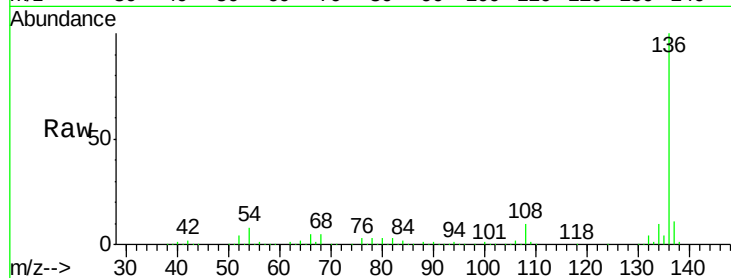




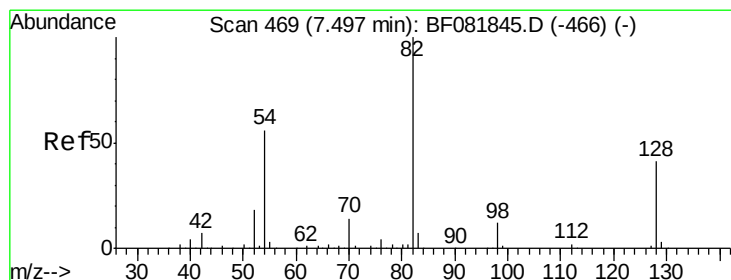
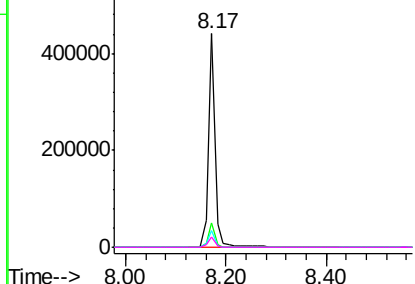
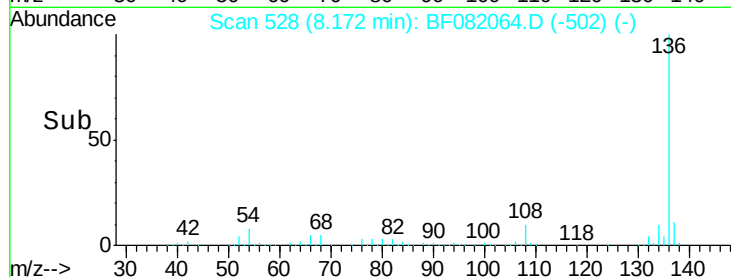
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082064.D
Acq: 6 Oct 2015 1:01

Instrument :
BNA_F
ClientSampleId :
SS-9(0-24)

Tgt Ion:	136	Resp:	400209
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.7	8.2	12.2#
68	5.0	5.8	8.6#

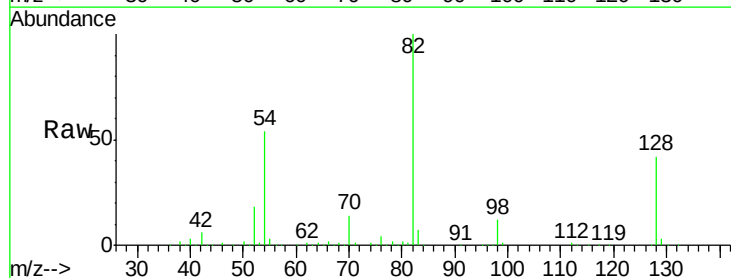


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

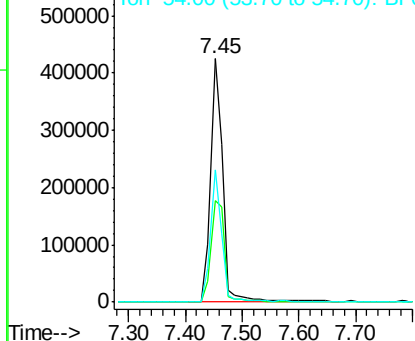
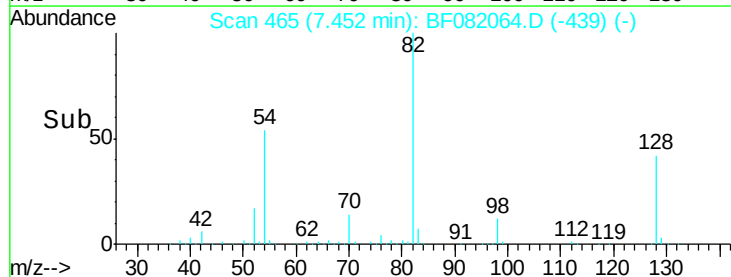


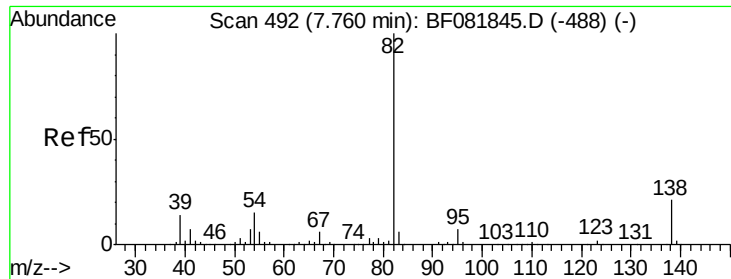
#23
Nitrobenzene-d5
Concen: 102.34 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF082064.D
Acq: 6 Oct 2015 1:01

Tgt Ion:	82	Resp:	614420
Ion	Ratio	Lower	Upper
82	100		
128	41.7	51.0	76.6#
54	54.3	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: 43.72 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

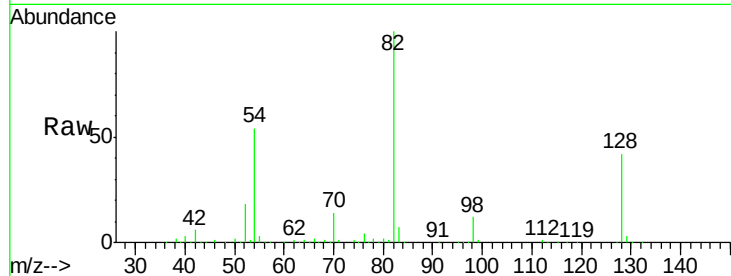
Tgt Ion: 82 Resp: 520275

Ion Ratio Lower Upper

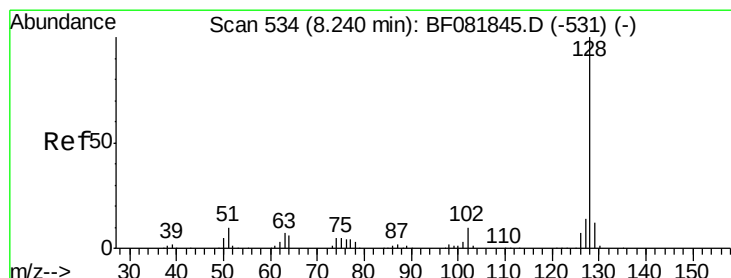
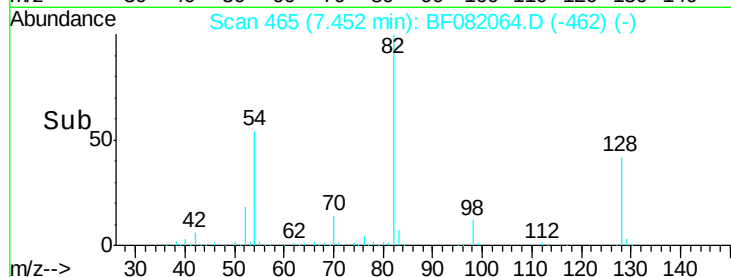
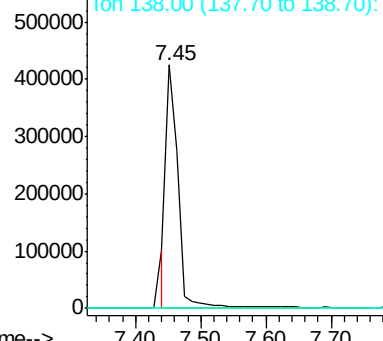
82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#



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



#31

Naphthalene

Concen: 2.64 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

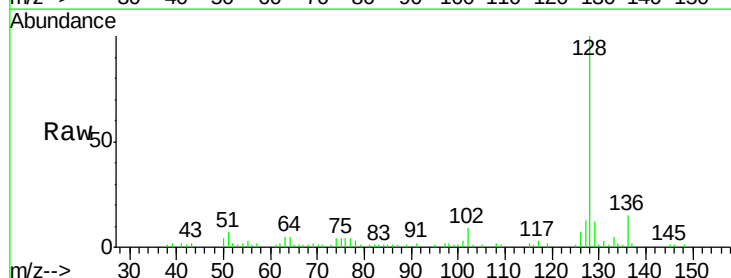
Tgt Ion: 128 Resp: 46795

Ion Ratio Lower Upper

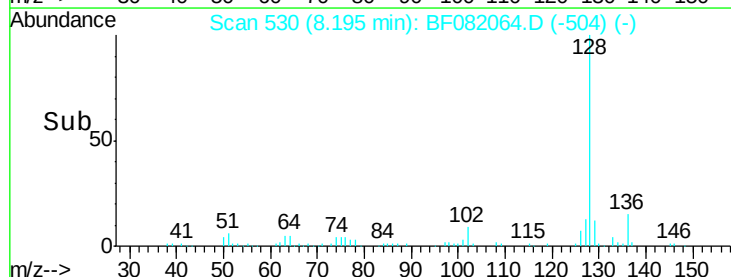
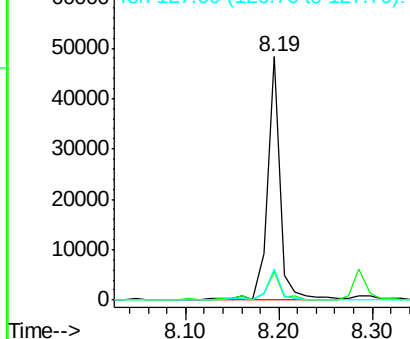
128 100

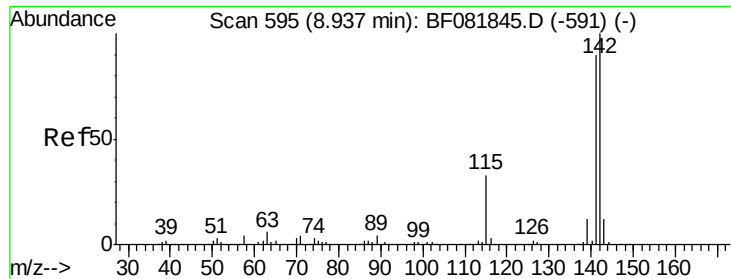
129 11.9 8.4 12.6

127 12.7 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 3.67 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

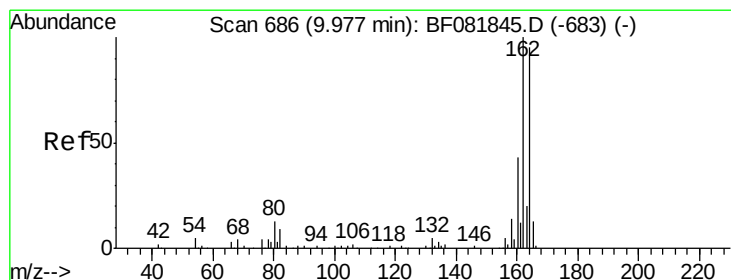
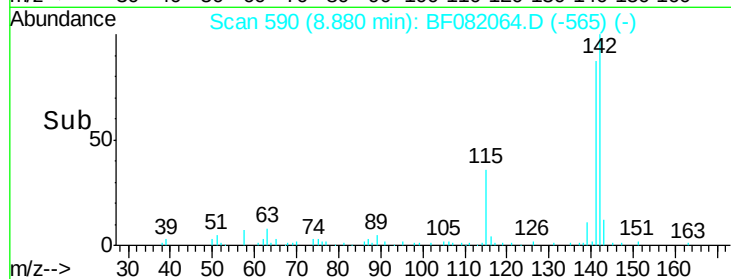
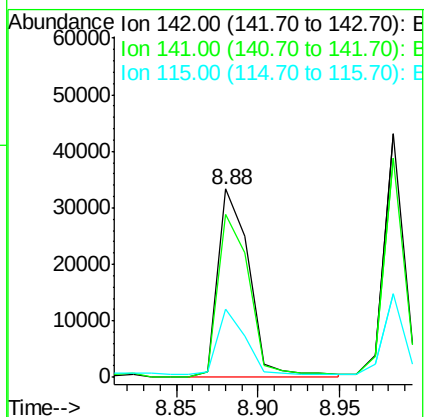
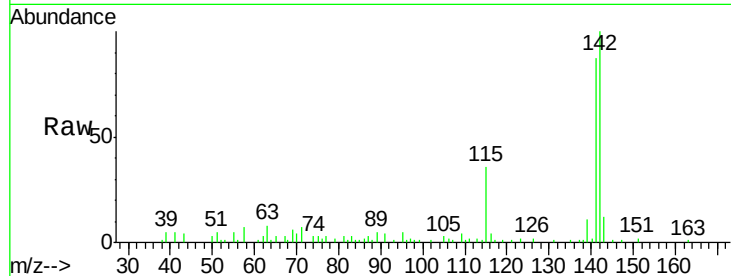
Tgt Ion:142 Resp: 44471

Ion Ratio Lower Upper

142 100

141 86.5 67.5 101.3

115 36.3 18.2 27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

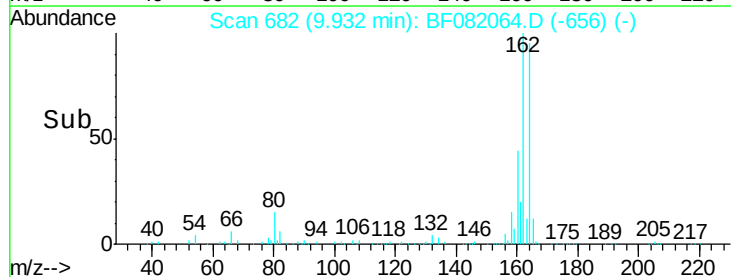
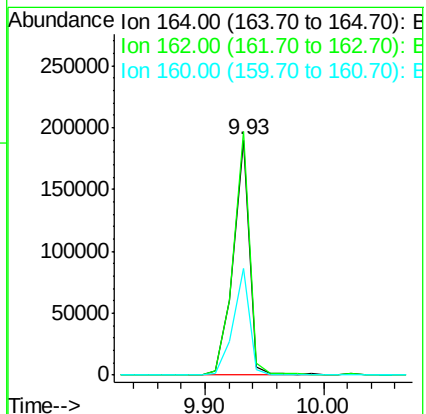
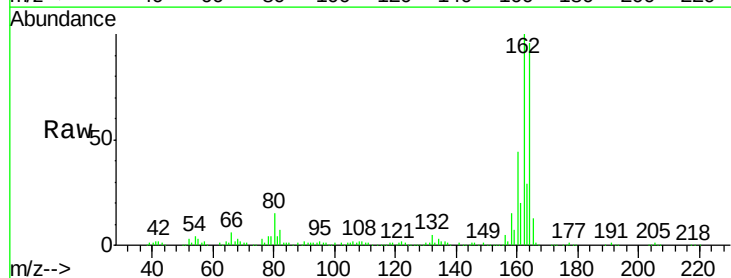
Tgt Ion:164 Resp: 182269

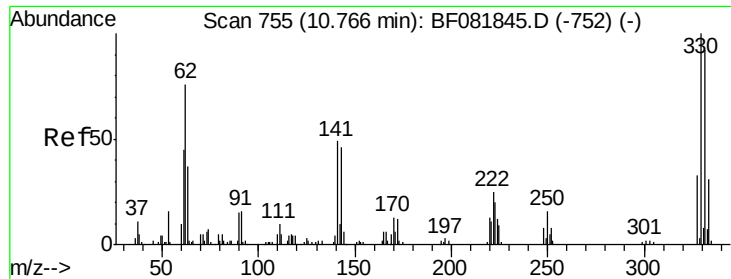
Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

160 45.6 31.5 47.3

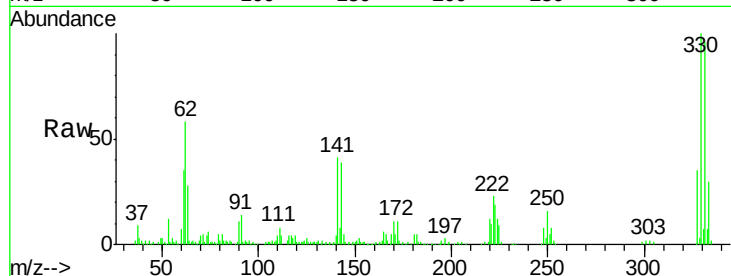




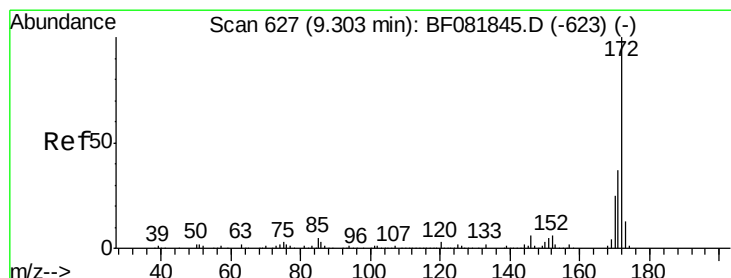
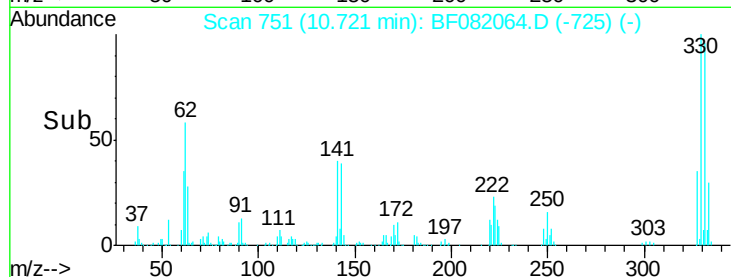
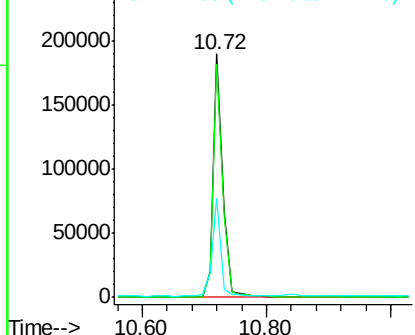
#41
 2,4,6-Tribromophenol
 Concen: 109.44 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082064.D
 Acq: 6 Oct 2015 1:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-24)

Tgt Ion:330 Resp: 202029
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 36.8 29.7 44.5

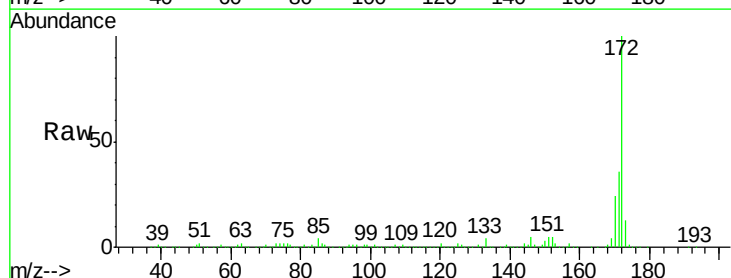


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

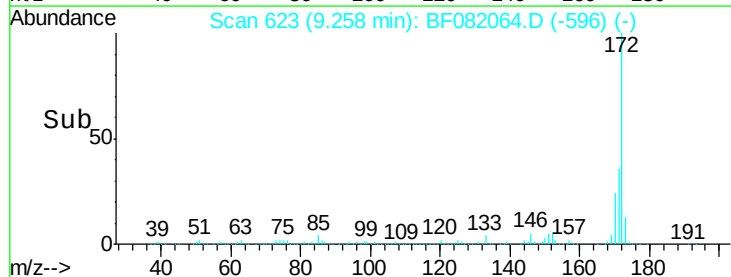
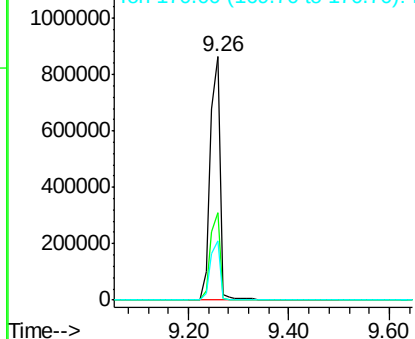


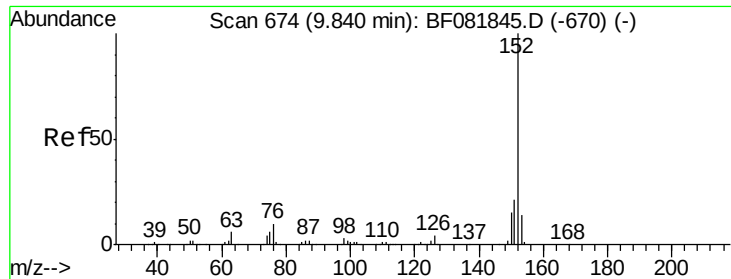
#44
 2-Fluorobiphenyl
 Concen: 117.05 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082064.D
 Acq: 6 Oct 2015 1:01

Tgt Ion:172 Resp: 1183210
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.2 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





#48

Acenaphthylene

Concen: 2.88 ng

RT: 9.79 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

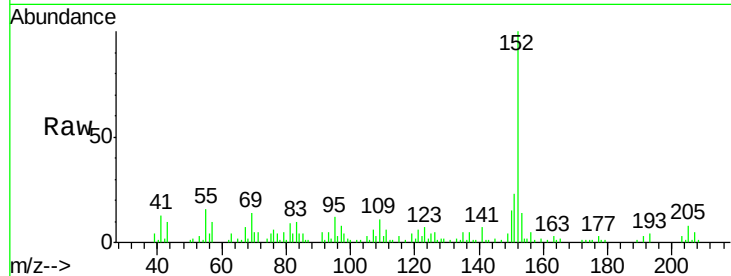
Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

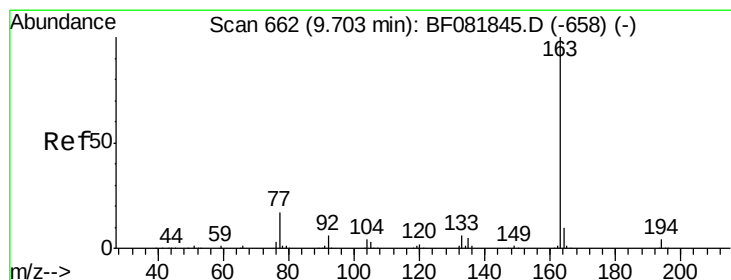
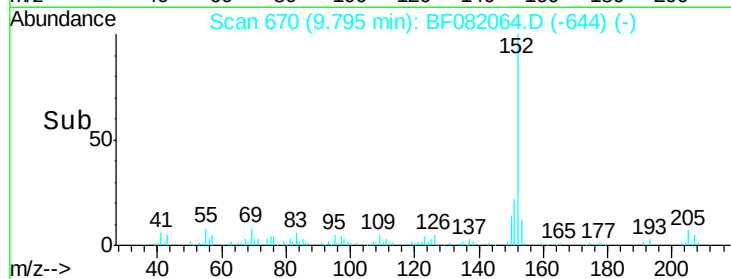
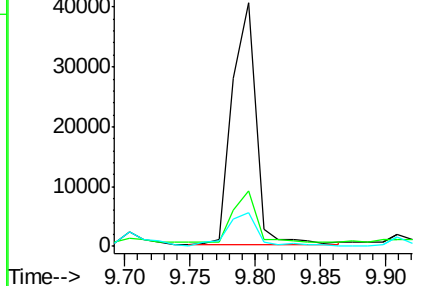
Tgt Ion:	152	Resp:	50865
Ion Ratio	Lower	Upper	
152	100		
151	23.0	14.6	22.0#
153	13.9	10.3	15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 18.25 ng

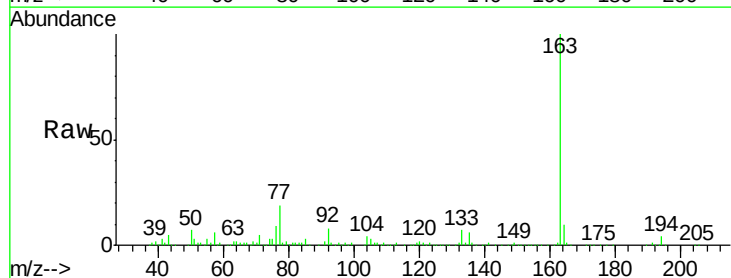
RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082064.D

Acq: 6 Oct 2015 1:01

Tgt Ion:	163	Resp:	229562
Ion Ratio	Lower	Upper	
163	100		
194	3.5	4.4	6.6#
164	10.3	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

