

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082164.D
 Acq On : 10 Oct 2015 00:48
 Operator : UM/IZ
 Sample : G3928-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 02:04:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	89878	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	348281	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	152072	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	249413	20.00	ng	0.00
75) Chrysene-d12	14.02	240	213644	20.00	ng	-0.01
86) Perylene-d12	15.46	264	154099	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	595929	120.36	ng	0.01
7) Phenol-d6	6.49	99	804581	129.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	371304	71.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	162824	105.72	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	767608	84.34	ng	0.00
78) Terphenyl-d14	12.97	244	613786	96.29	ng	0.00

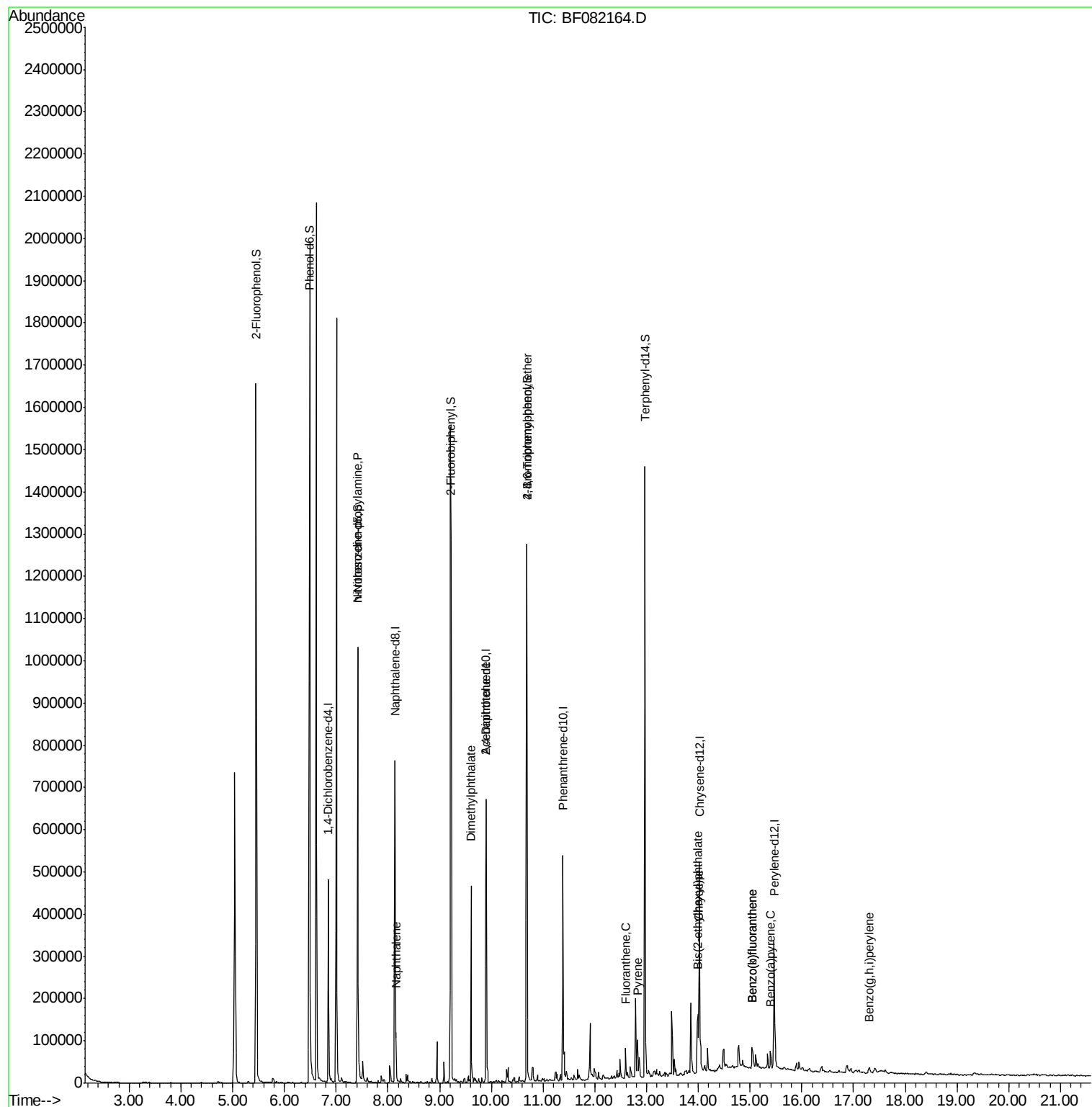
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	49682	13.12	ng	# 59
31) Naphthalene	8.16	128	53911	3.49	ng	100
49) Dimethylphthalate	9.61	163	185147	17.64	ng	# 97
56) 2,4-Dinitrotoluene	9.90	165	19180	6.60	ng	# 31
57) Fluorene	10.45	166	5621	Below	Cal	# 83
66) 4-Bromophenyl-phenylether	10.69	248	11150	4.43	ng	# 1
73) Di-n-butylphthalate	11.94	149	4845	Below	Cal	# 93
74) Fluoranthene	12.60	202	34336	2.57	ng	88
77) Pyrene	12.82	202	45393	3.56	ng	97
82) Chrysene	14.01	228	18945	2.13	ng	# 84
83) Bis(2-ethylhexyl)phthalate	13.99	149	97123	16.12	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	41415	4.71	ng	# 89
88) Benzo(k)fluoranthene	15.04	252	41415	5.14	ng	# 89
89) Benzo(a)pyrene	15.40	252	25814	3.38	ng	# 88
91) Benzo(a,h,i)perylene	17.30	276	14058	2.14	ng	# 75

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

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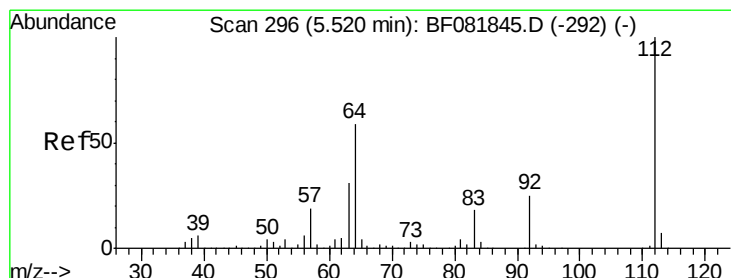
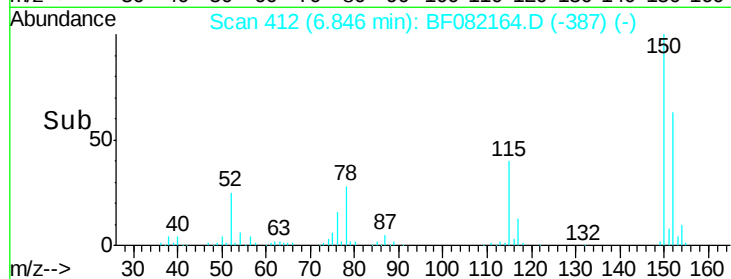
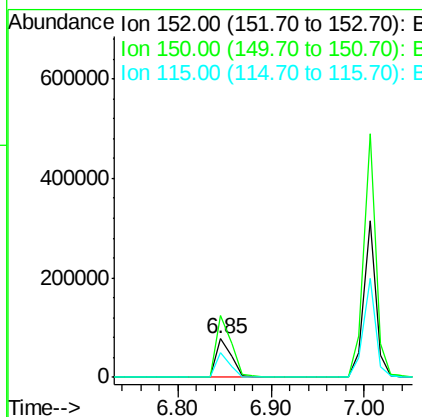
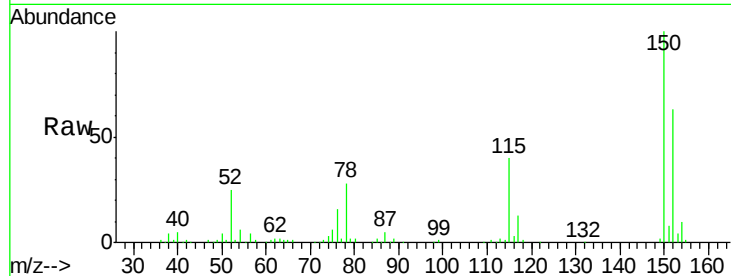


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Instrument :
BNA_F
ClientSampleId :

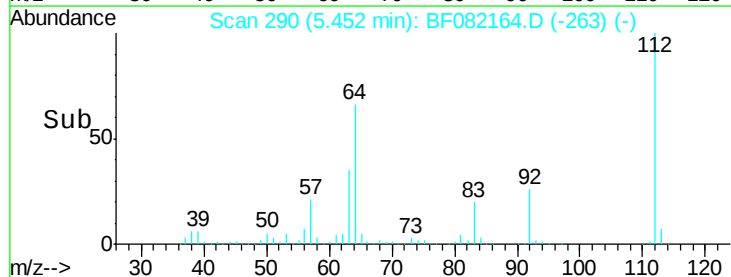
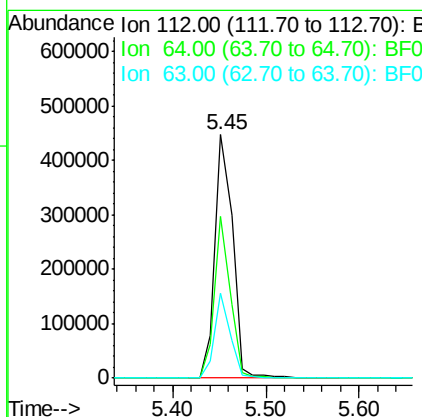
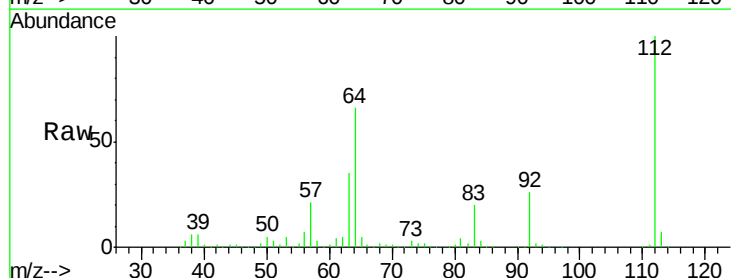
Tot Ion:152 Resp: 89878
Ion Ratio Lower Upper
152 100
150 159.9 124.7 187.1
115 64.3 39.0 58.4#

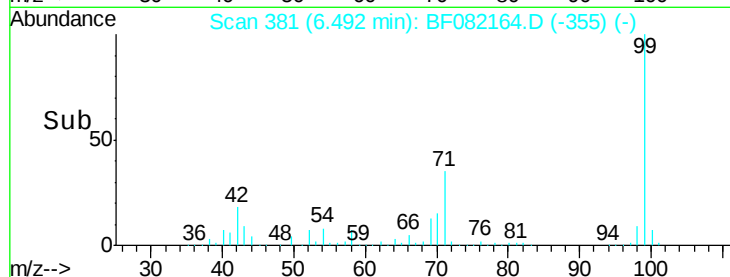
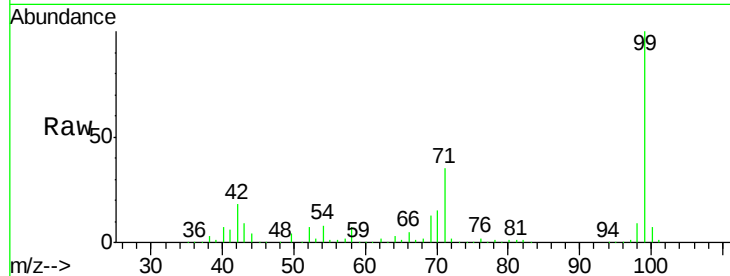
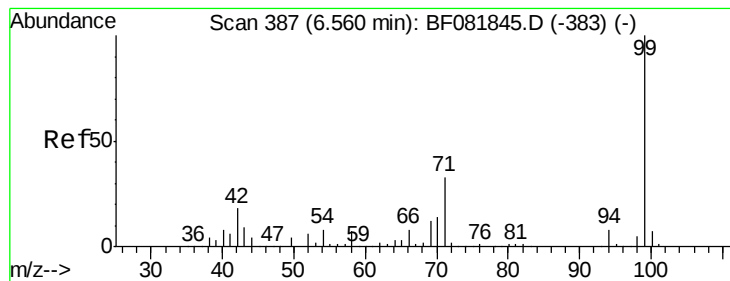


#5

2-Fluorophenol
Concen: 120.36 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:112 Resp: 595929
Ion Ratio Lower Upper
112 100
64 66.4 39.7 59.5#
63 35.0 17.4 26.0#





#7

Phenol-d6

Concen: 129.14 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082164.D

Acq: 10 Oct 2015 00:48

Instrument :

BNA_F

ClientSampleId :

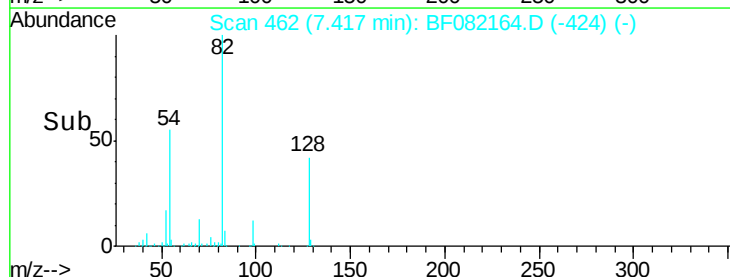
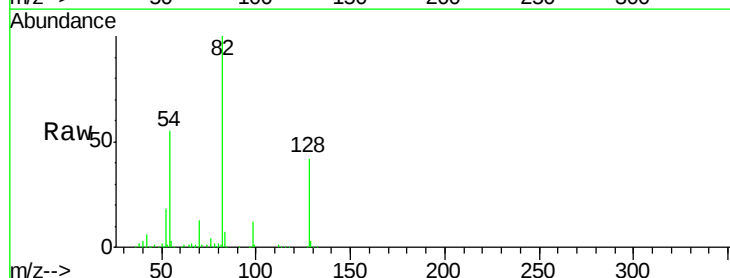
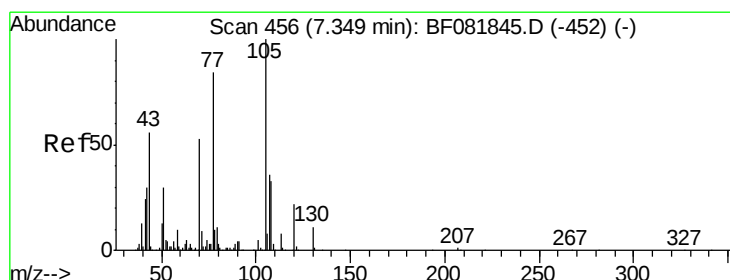
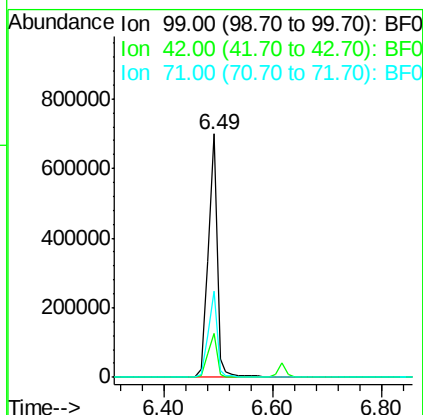
Tot Ion: 99 Resp: 804581

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

71 35.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.12 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF082164.D

Acq: 10 Oct 2015 00:48

Tgt Ion: 70 Resp: 49682

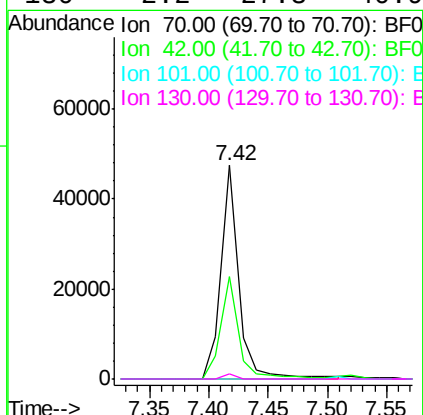
Ion Ratio Lower Upper

70 100

42 47.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

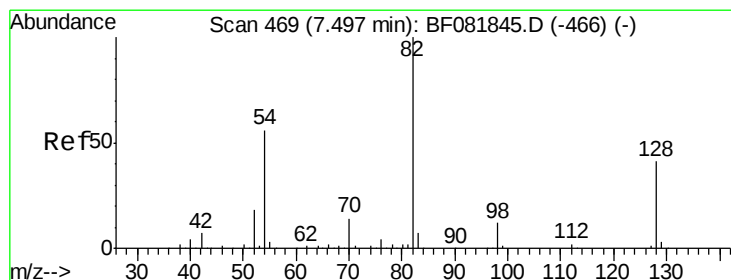
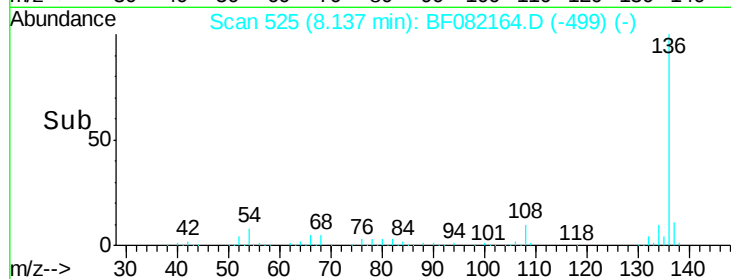
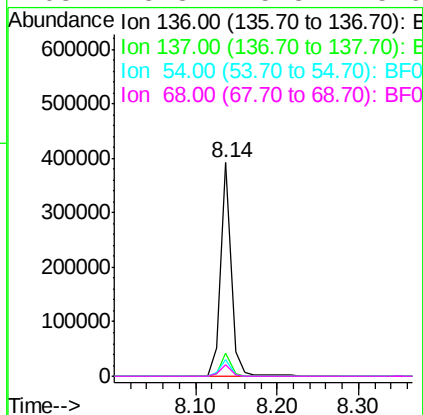
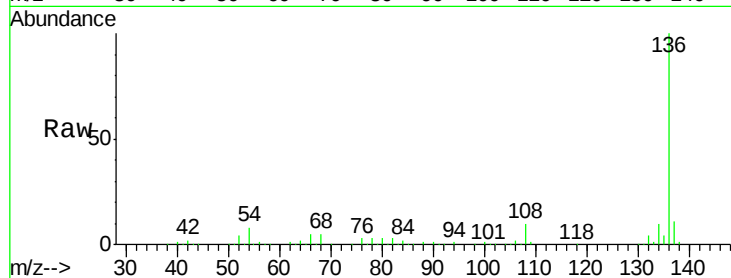




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

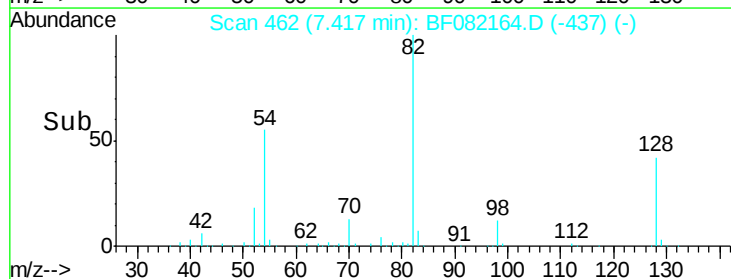
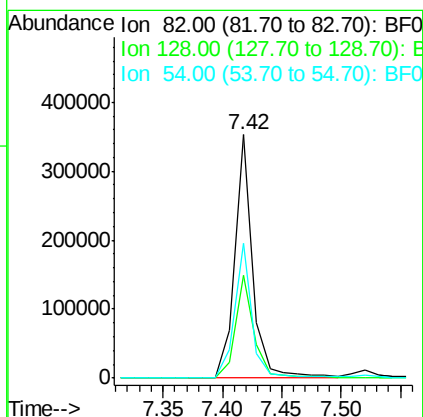
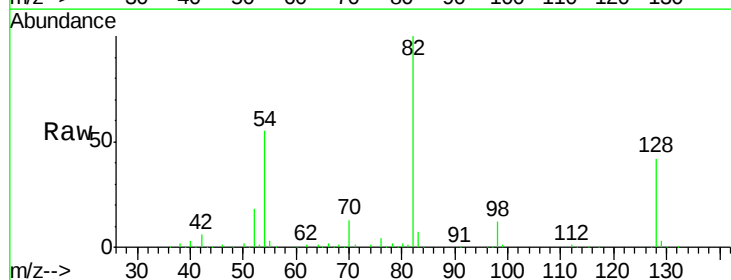
Instrument :
BNA_F
ClientSampleId :

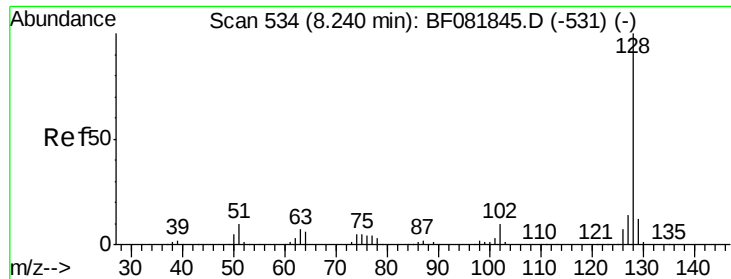
Tot Ion:136	Resp:	348281
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	7.6	8.2 12.2#
68	5.3	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 71.07 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion: 82	Resp:	371304
Ion Ratio	Lower	Upper
82	100	
128	42.4	51.0 76.6#
54	55.5	47.5 71.3

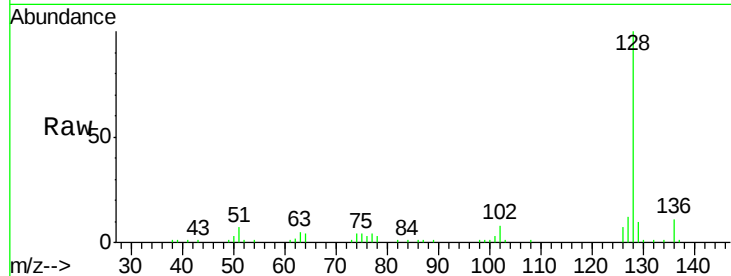




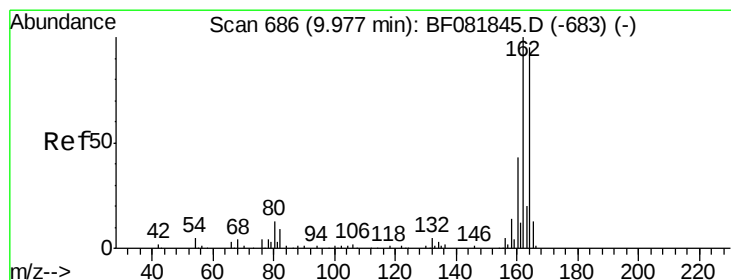
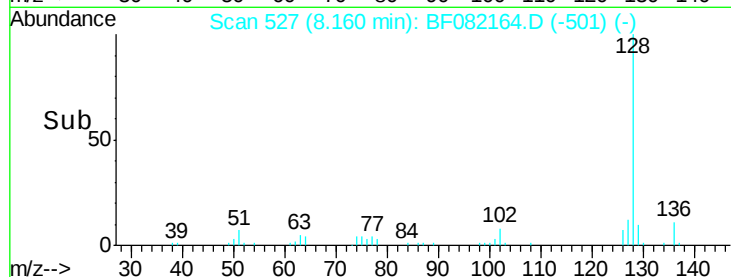
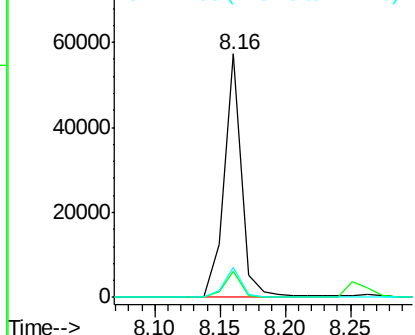
#31
Naphthalene
Concen: 3.49 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 53911
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.1 9.9 14.9

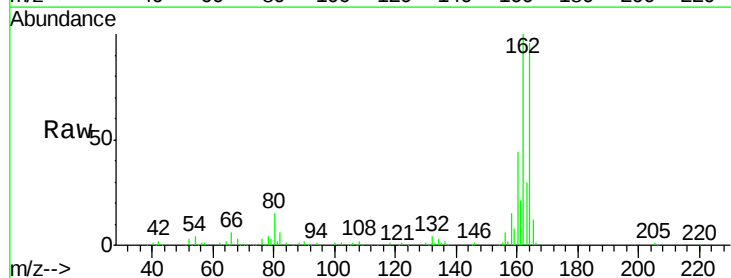


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

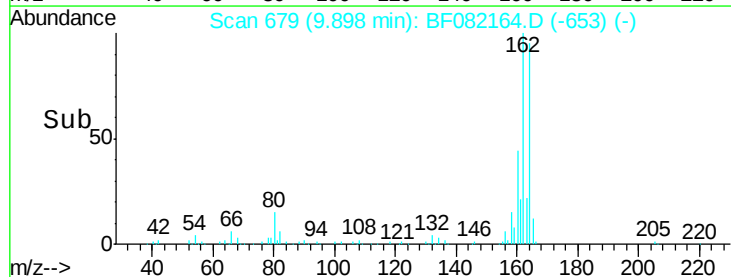
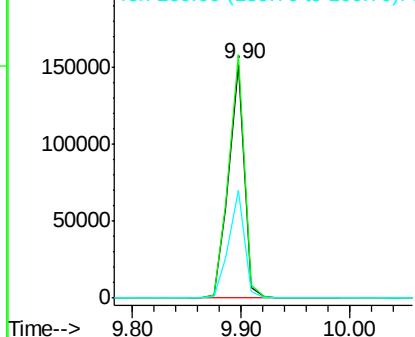


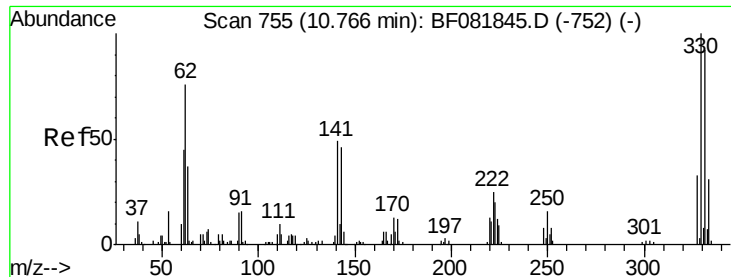
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:164 Resp: 152072
Ion Ratio Lower Upper
164 100
162 104.3 75.2 112.8
160 46.3 31.5 47.3



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

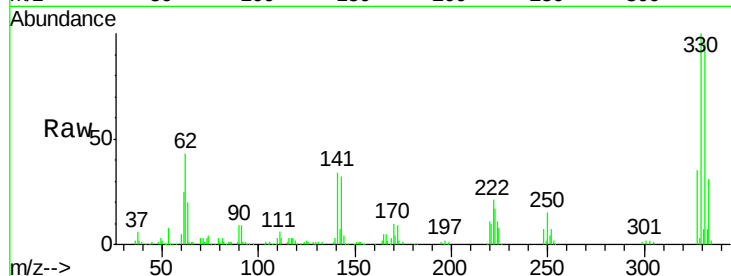




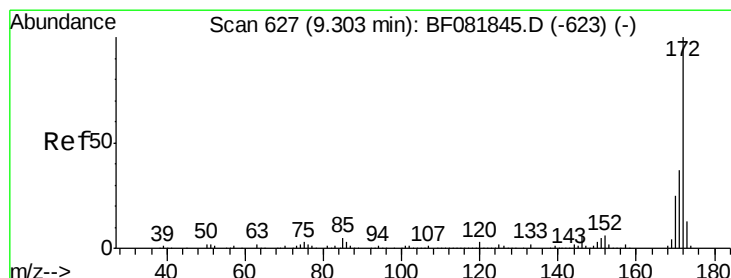
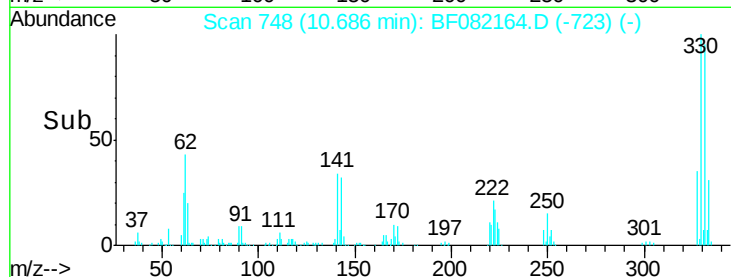
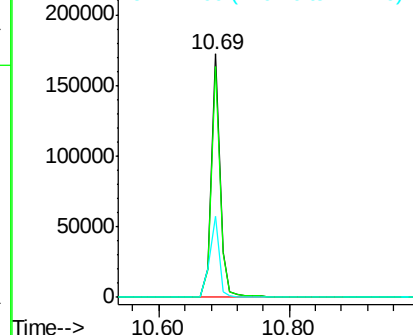
#41
 2,4,6-Tribromophenol
 Concen: 105.72 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF082164.D
 Acq: 10 Oct 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 162824
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 36.2 29.7 44.5

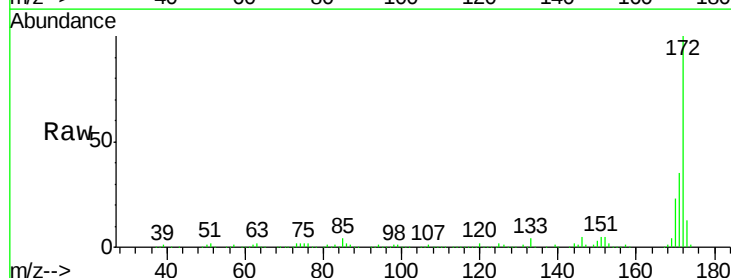


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

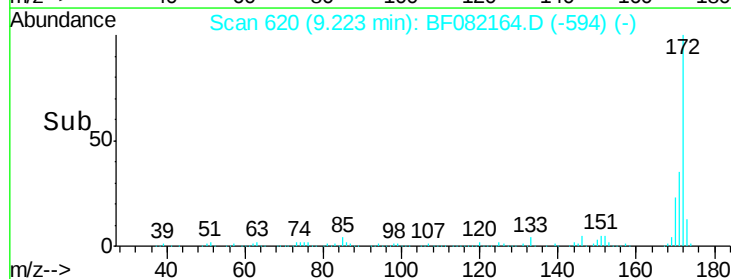
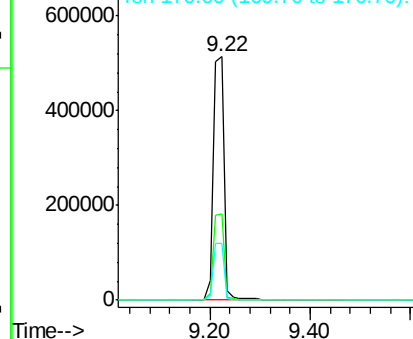


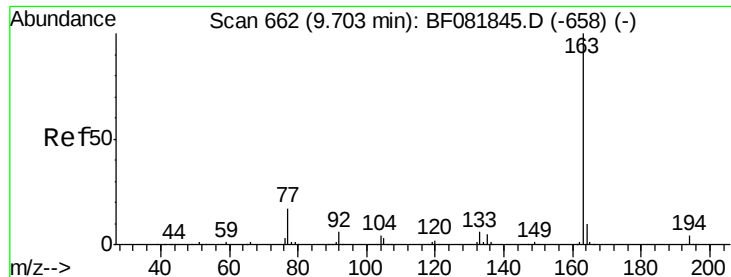
#44
 2-Fluorobiphenyl
 Concen: 84.34 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082164.D
 Acq: 10 Oct 2015 00:48

Tgt Ion:172 Resp: 767608
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.4 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

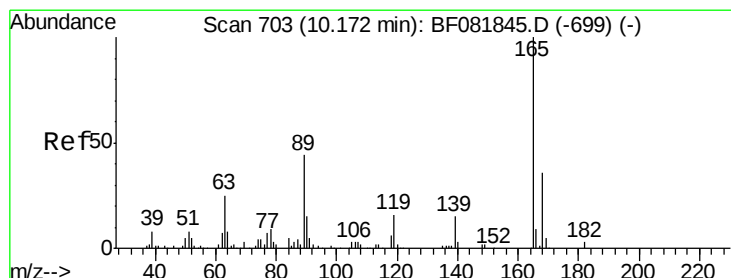
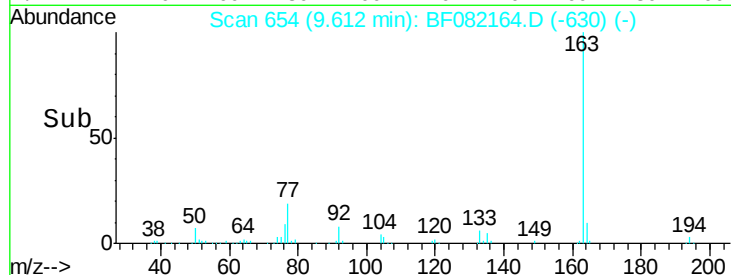
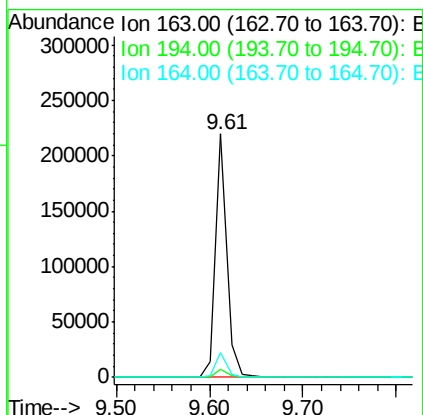
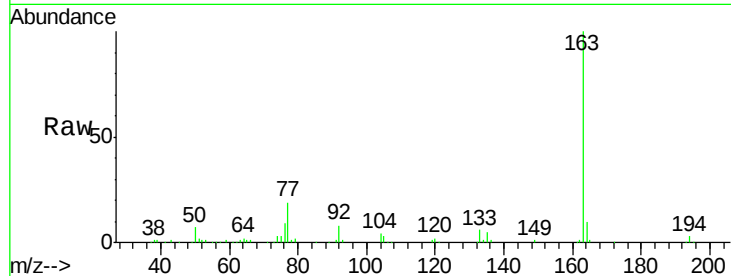




#49
Dimethylphthalate
Concen: 17.64 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

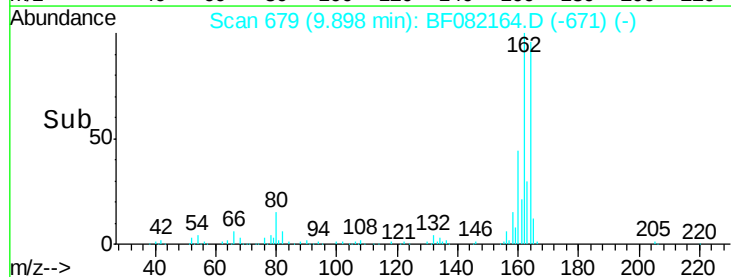
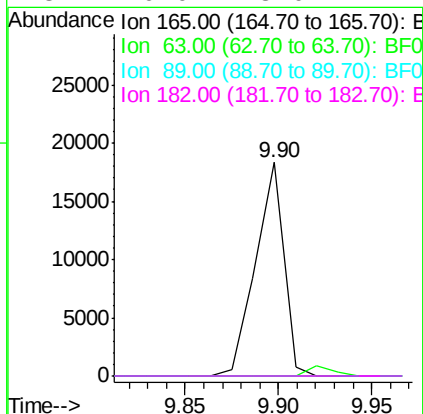
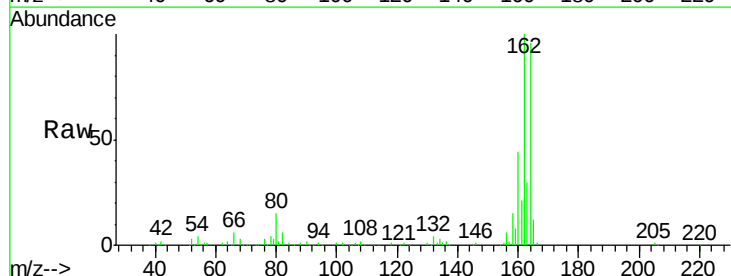
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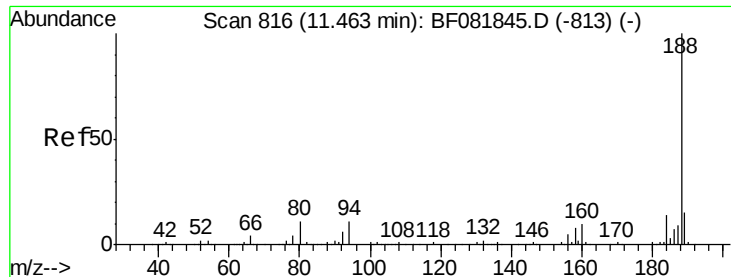
Tot Ion:163 Resp: 185147
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.1 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.21 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:165 Resp: 19180
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

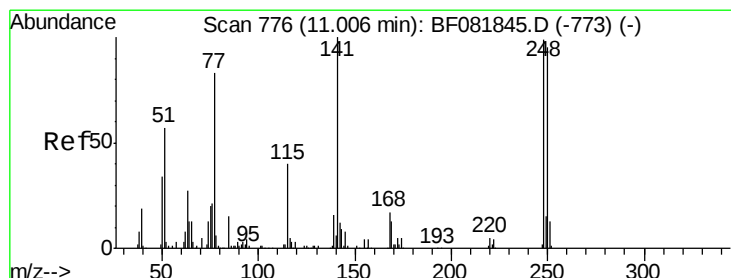
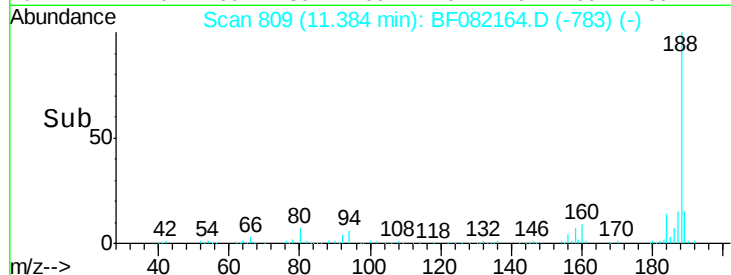
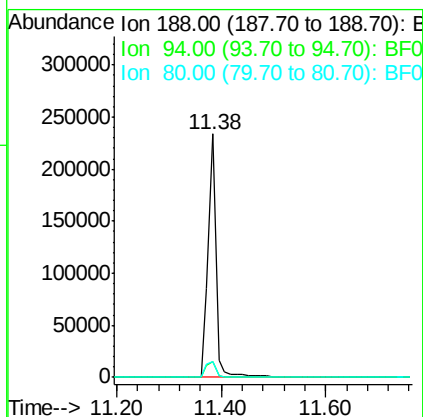
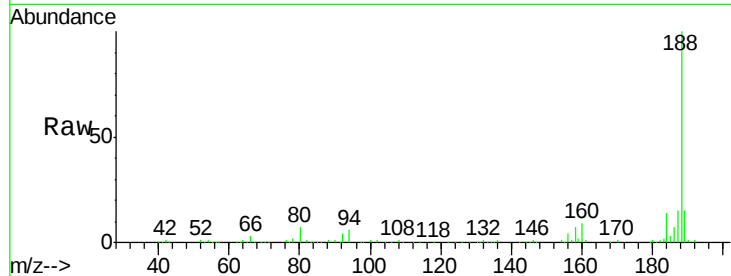




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

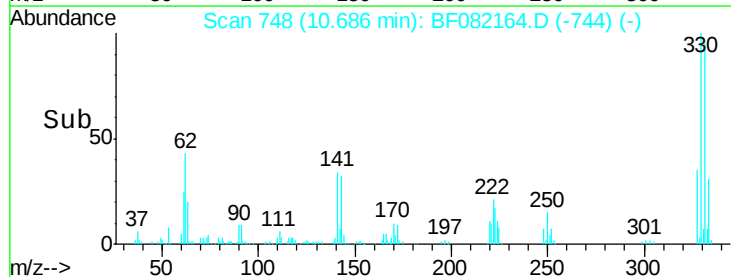
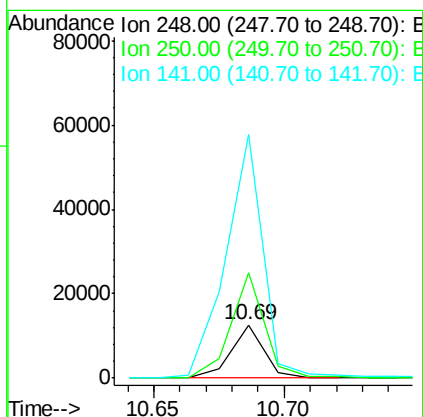
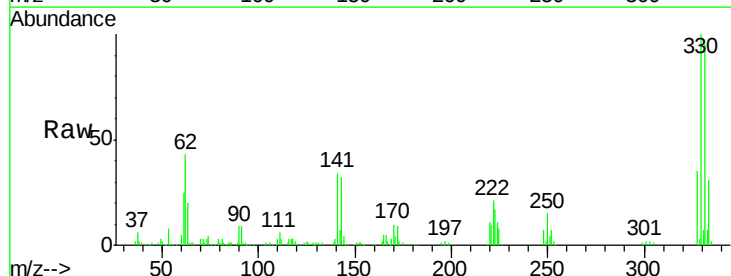
Instrument :
BNA_F
ClientSampleId :

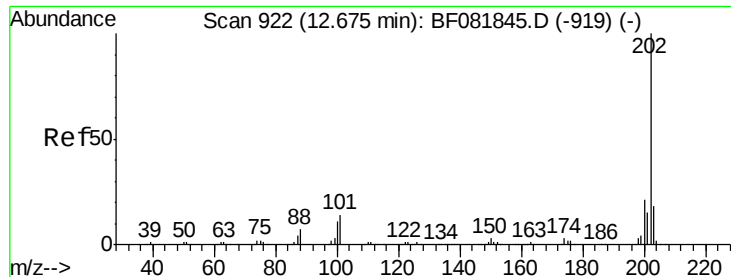
Tot Ion:188 Resp: 249413
Ion Ratio Lower Upper
188 100
94 6.4 11.1 16.7#
80 6.6 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:248 Resp: 11150
Ion Ratio Lower Upper
248 100
250 198.5 78.5 117.7#
141 456.6 59.0 88.6#

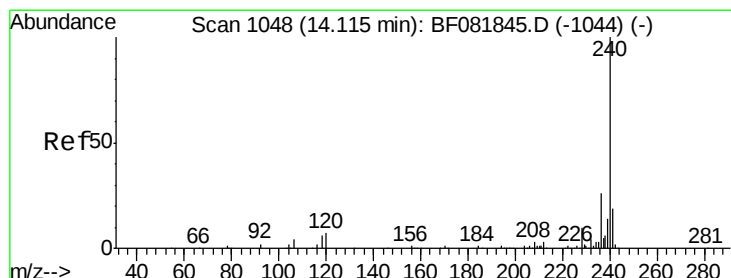
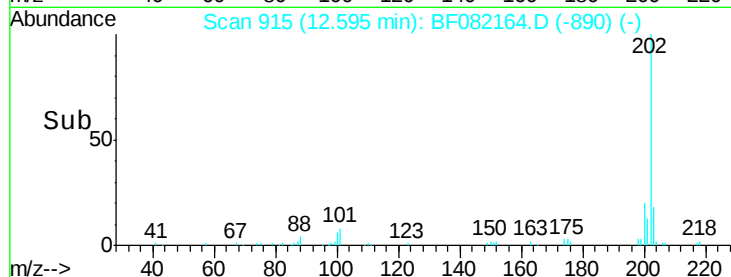
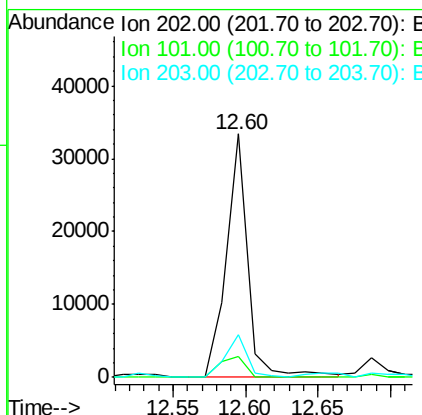
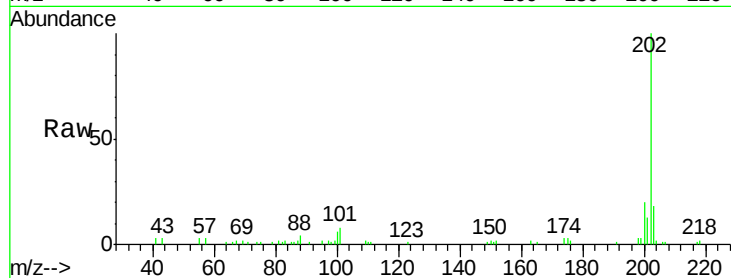




#74
Fluoranthene
Concen: 2.57 ng
RT: 12.60 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

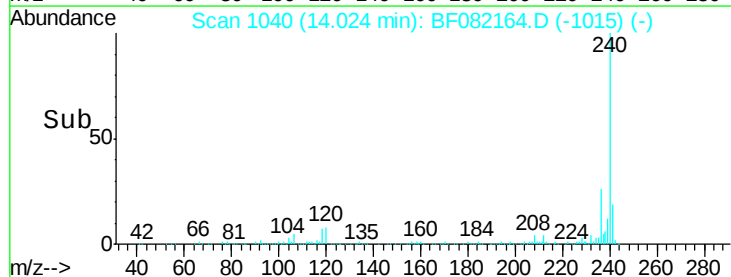
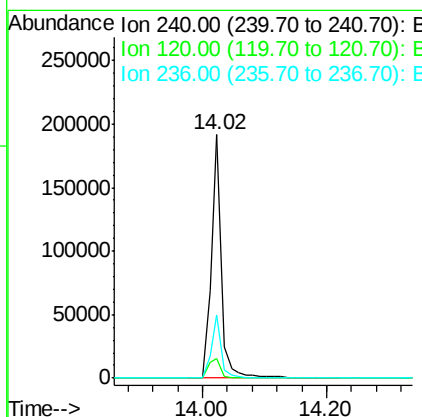
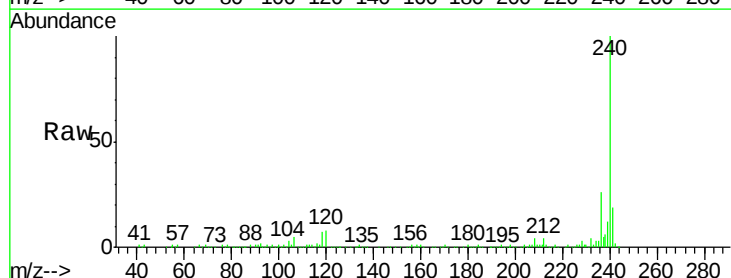
Instrument :
BNA_F
ClientSampleId :

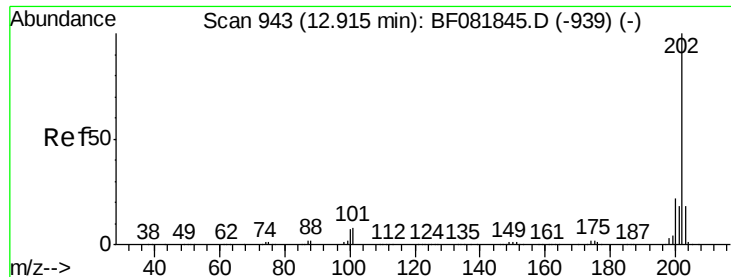
Tot Ion:202 Resp: 34336
Ion Ratio Lower Upper
202 100
101 8.4 0.0 38.3
203 17.6 0.0 37.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:240 Resp: 213644
Ion Ratio Lower Upper
240 100
120 7.9 16.2 24.2#
236 25.9 18.4 27.6

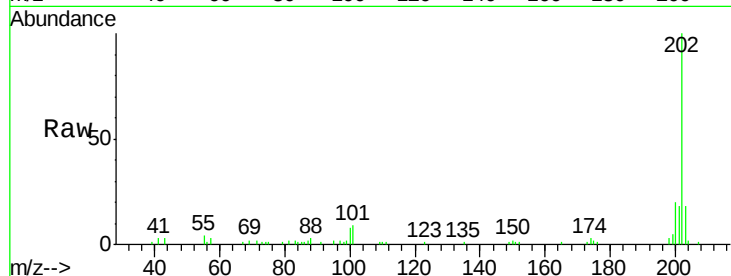




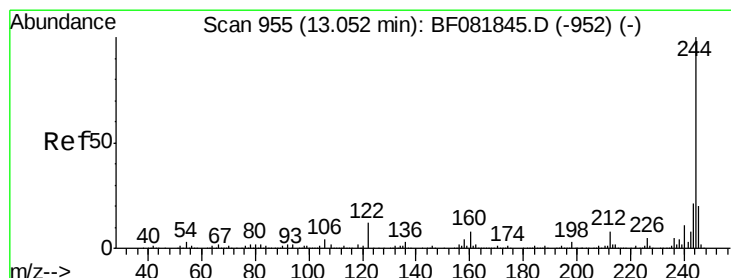
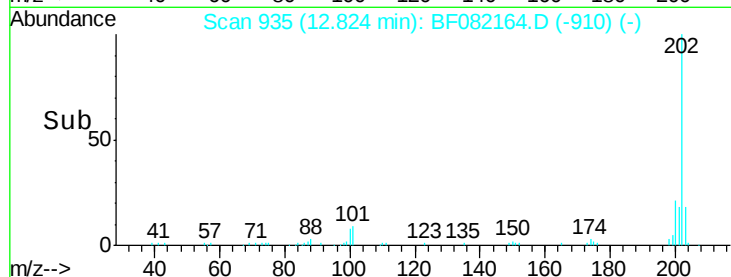
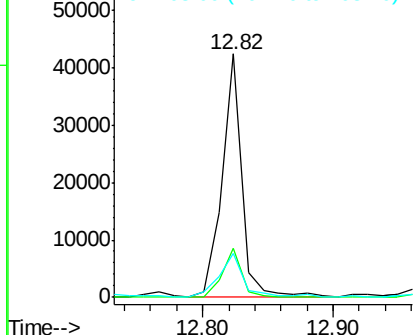
#77
Pvrene
Concen: 3.56 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 45393
Ion Ratio Lower Upper
202 100
200 20.3 15.0 22.4
203 18.2 14.1 21.1

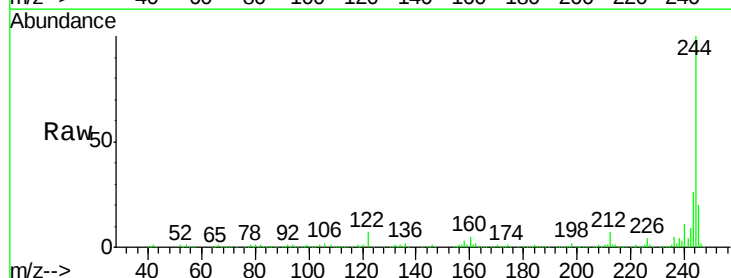


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

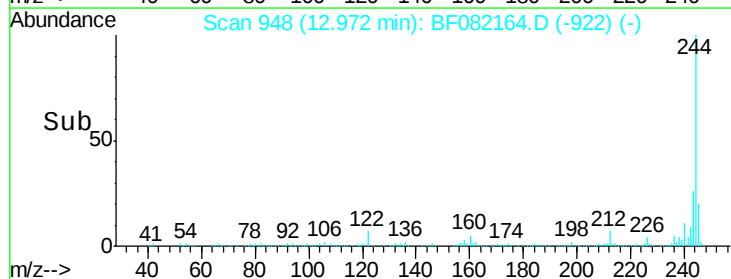
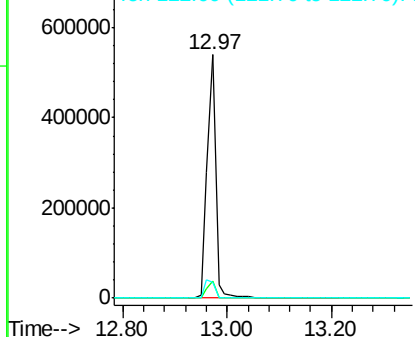


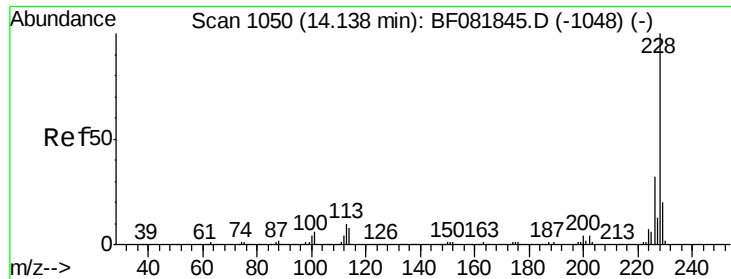
#78
Terphenyl-d14
Concen: 96.29 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:244 Resp: 613786
Ion Ratio Lower Upper
244 100
212 6.8 4.3 6.5#
122 6.7 17.4 26.2#



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





#82

Chrysene

Concen: 2.13 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082164.D

Acq: 10 Oct 2015 00:48

Instrument :

BNA_F

ClientSampleId :

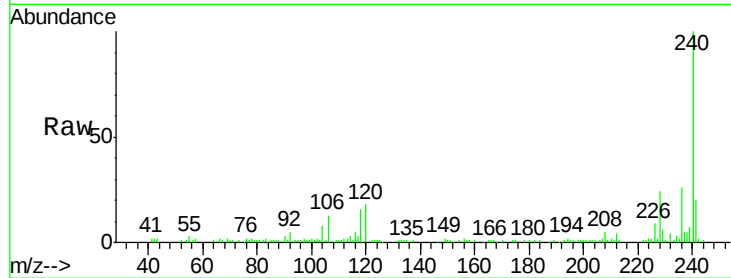
Tot Ion:228 Resp: 18945

Ion Ratio Lower Upper

228 100

226 37.0 21.0 31.4#

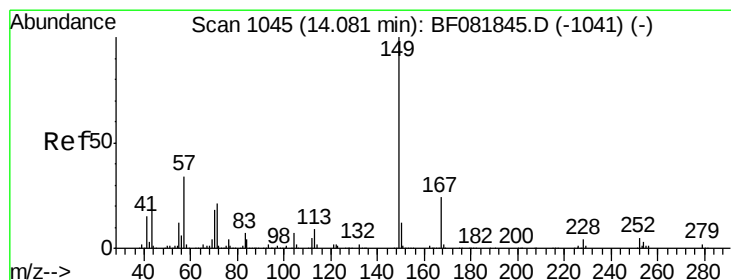
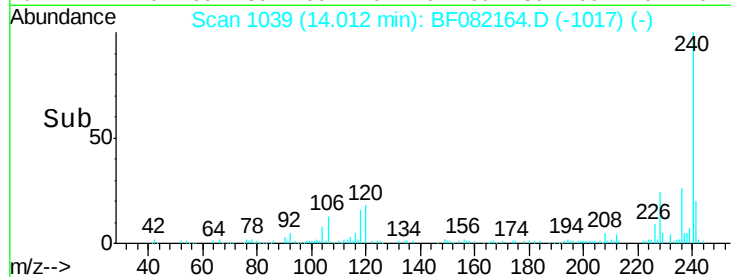
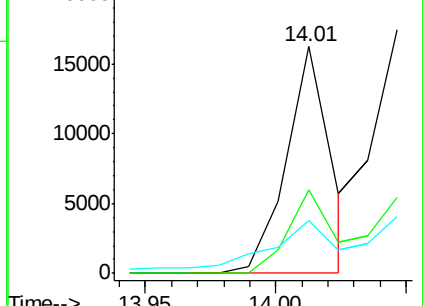
229 23.4 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 16.12 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF082164.D

Acq: 10 Oct 2015 00:48

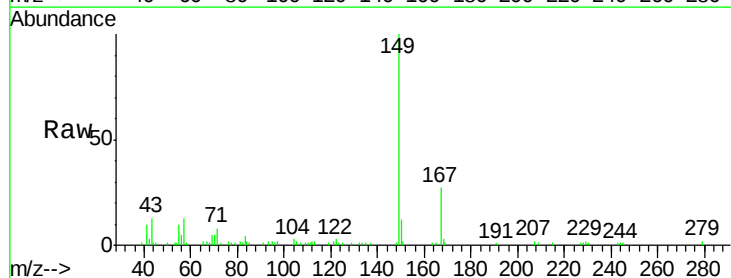
Tgt Ion:149 Resp: 97123

Ion Ratio Lower Upper

149 100

167 27.1 24.2 36.2

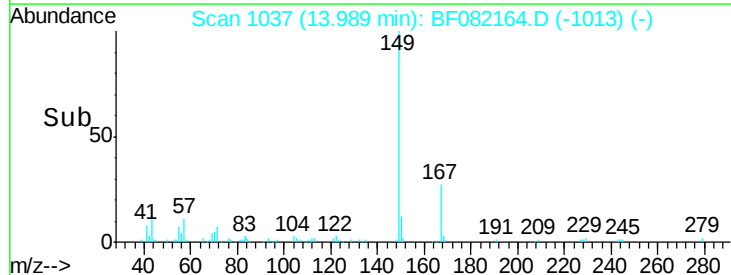
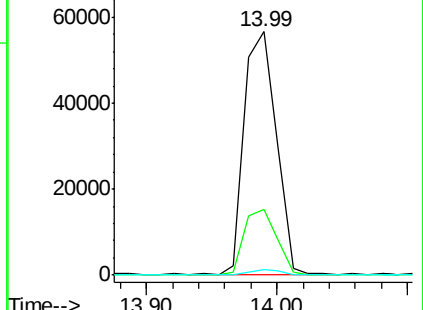
279 2.1 3.8 5.6#

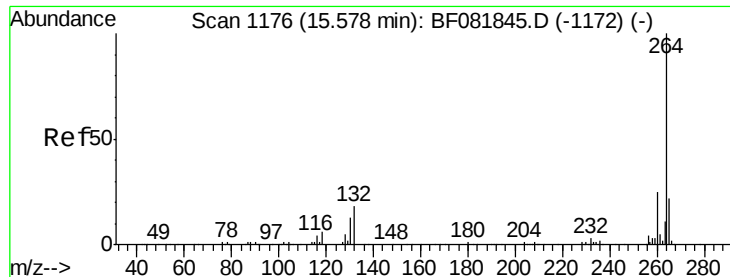


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

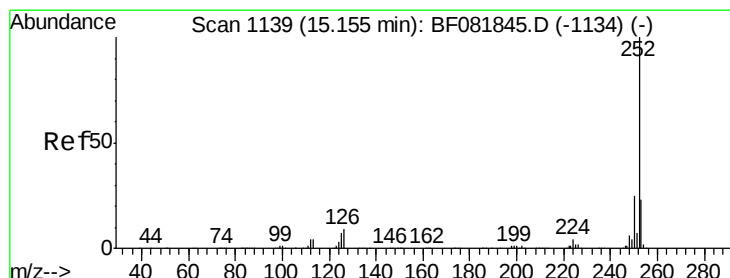
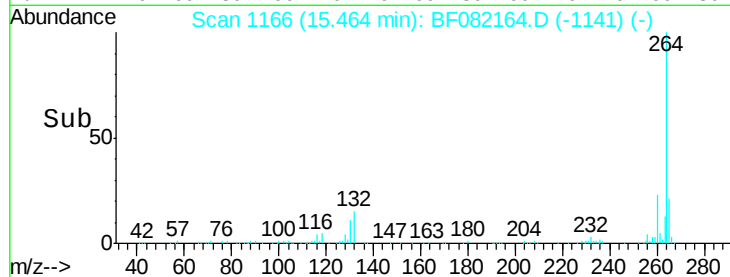
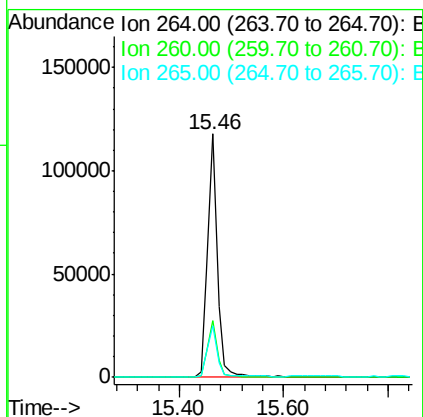
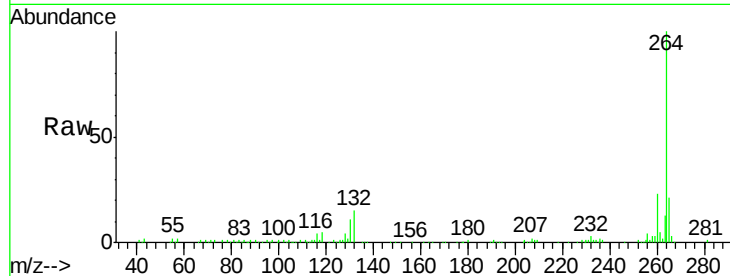




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

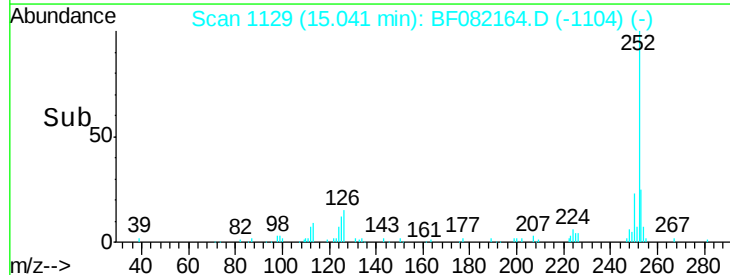
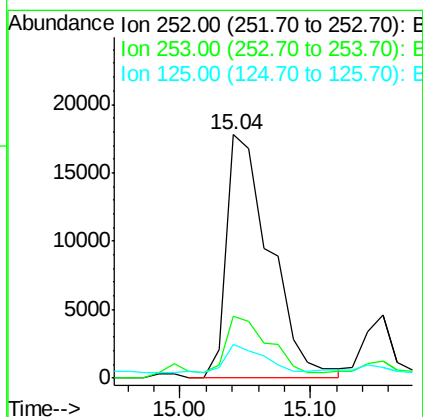
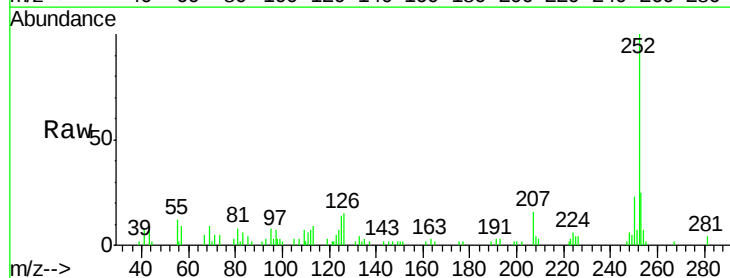
Instrument :
BNA_F
ClientSampleId :

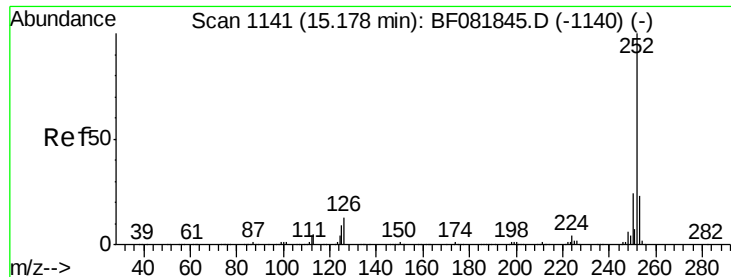
Tot Ion:264 Resp: 154099
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 4.71 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:252 Resp: 41415
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 14.1 17.1 25.7#

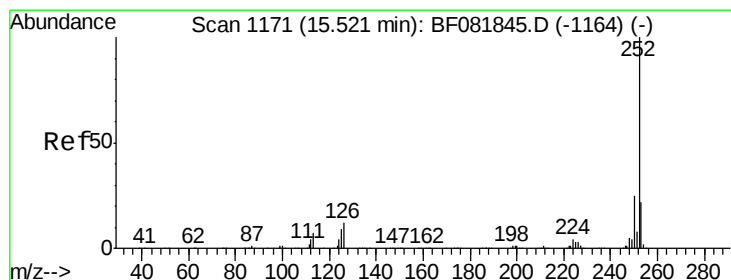
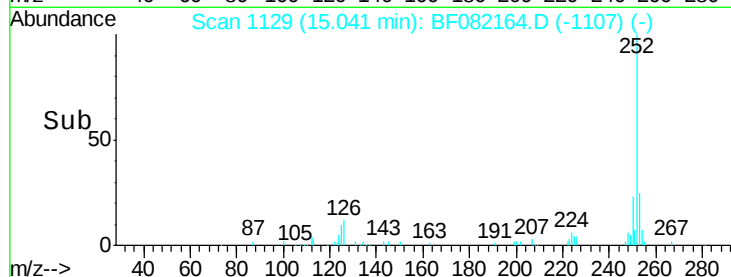
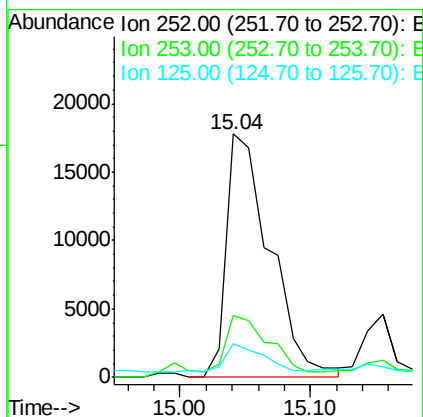
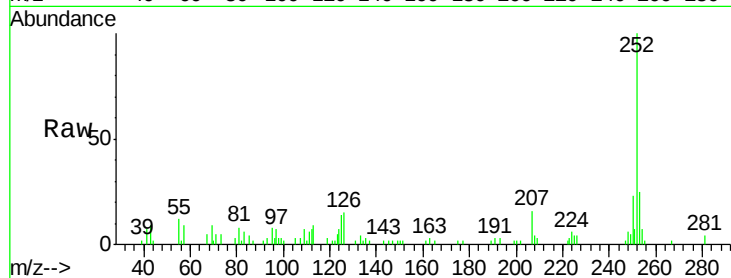




#88
Benzo(k)fluoranthene
Concen: 5.14 ng
RT: 15.04 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

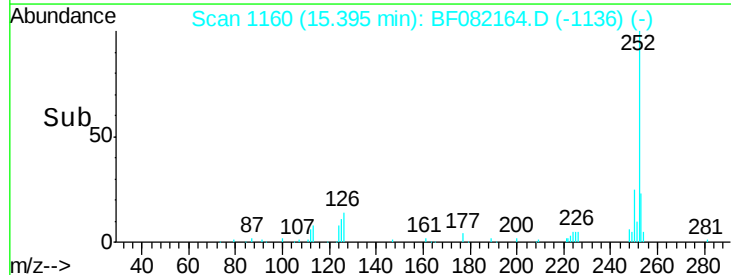
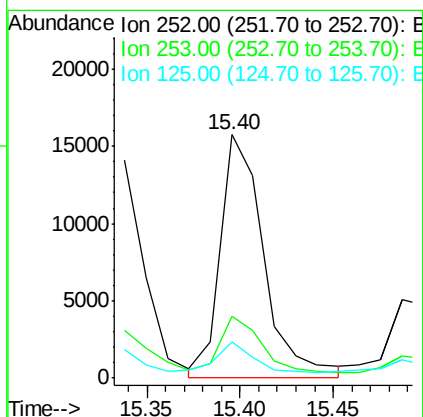
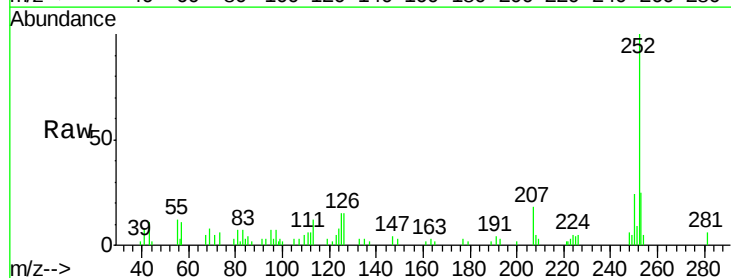
Instrument :
BNA_F
ClientSampleId :

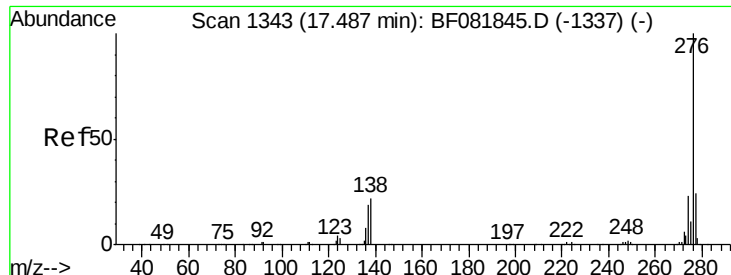
Tot Ion:252 Resp: 41415
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.4
125 14.1 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 3.38 ng
RT: 15.40 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF082164.D
Acq: 10 Oct 2015 00:48

Tgt Ion:252 Resp: 25814
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 14.6 18.0 27.0#

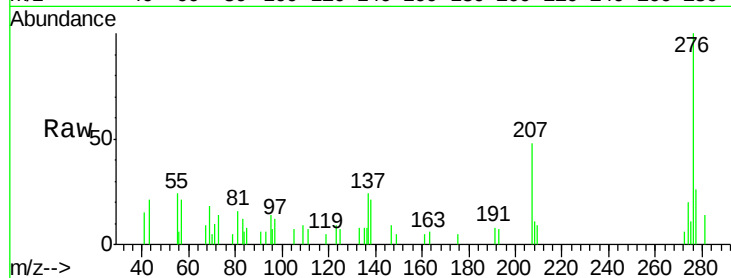




#91
 Benzo(a,h,i)perylene
 Concen: 2.14 ng
 RT: 17.30 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF082164.D
 Acq: 10 Oct 2015 00:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	25.8	17.8	26.6	
138	21.3	34.6	51.8	



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

