

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084878.D
 Acq On : 5 Feb 2016 23:47
 Operator : SJ/IZ
 Sample : H1311-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(10-11)

Quant Time: Feb 06 03:45:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

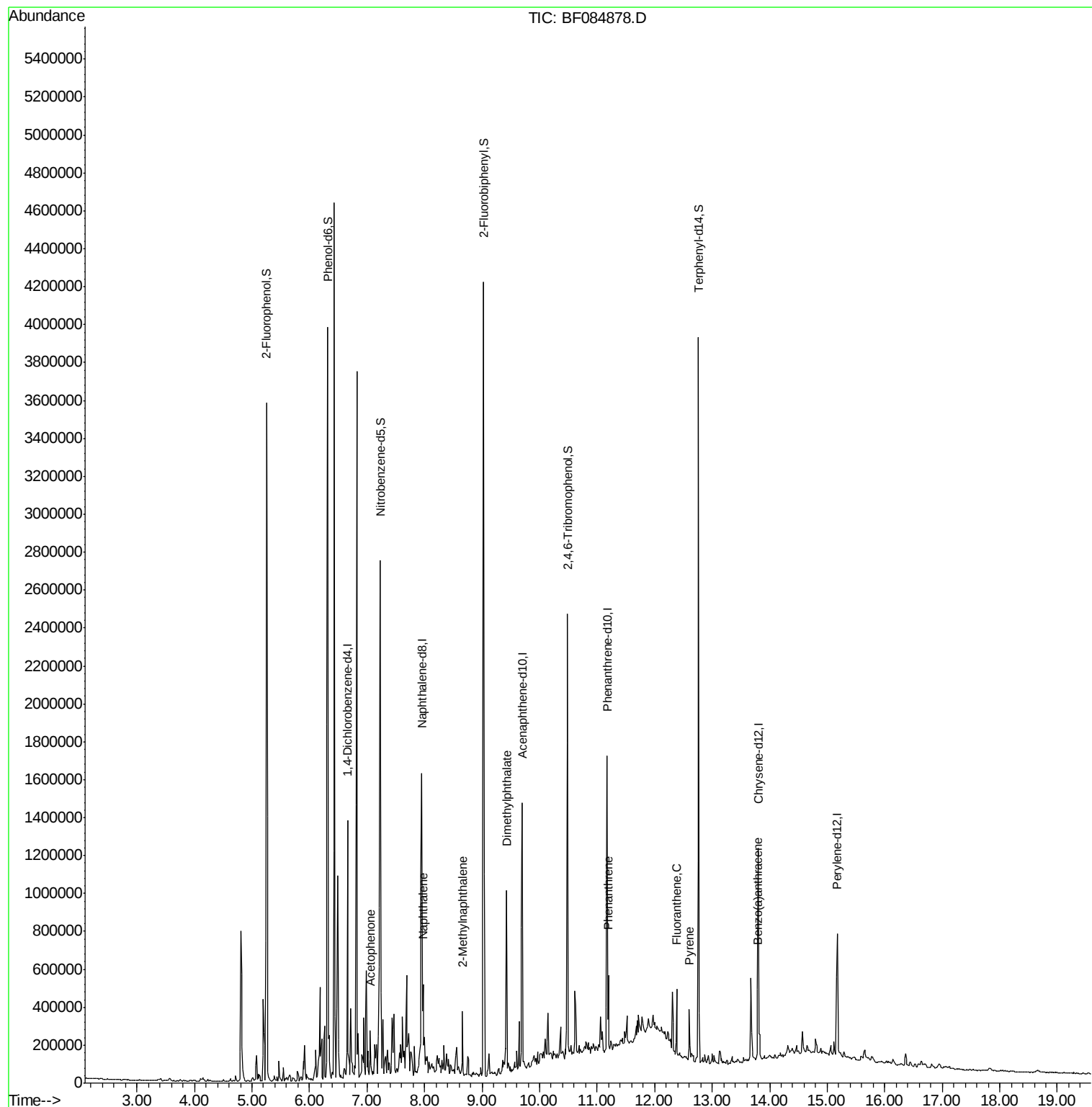
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172487	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	705229	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	318952	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	526911	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	372495	20.00	ng	-0.03
86) Perylene-d12	15.17	264	311085	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1139412	102.89	ng	-0.02
7) Phenol-d6	6.32	99	1429824	104.15	ng	-0.02
23) Nitrobenzene-d5	7.23	82	850142	67.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	371967	111.80	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1396791	69.38	ng	-0.03
78) Terphenyl-d14	12.76	244	1137730	69.21	ng	-0.03
Target Compounds						Qvalue
22) Acetophenone	7.06	105	47202	2.54	ng	# 54
31) Naphthalene	7.97	128	188259	5.32	ng	98
37) 2-Methylnaphthalene	8.66	142	82305	3.72	ng	99
49) Dimethylphthalate	9.42	163	330202	13.59	ng	# 90
70) Phenanthrene	11.20	178	137516	4.71	ng	98
74) Fluoranthene	12.38	202	129573	4.38	ng	94
77) Pyrene	12.60	202	114441	4.01	ng	99
80) Benzo(a)anthracene	13.79	228	46625	2.02	ng	99

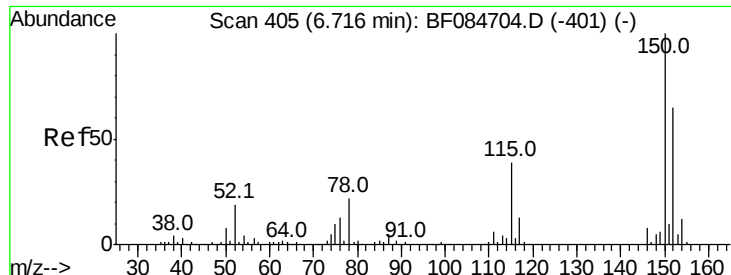
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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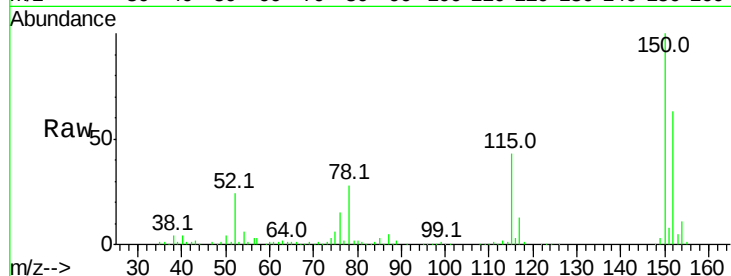


#1

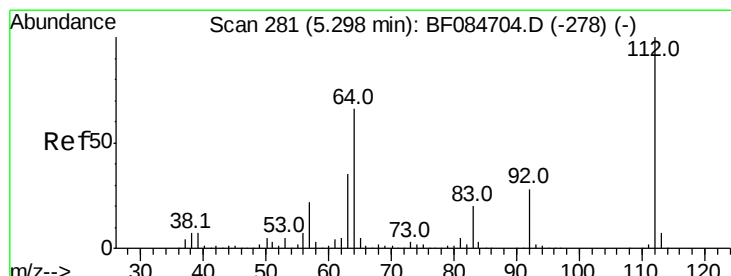
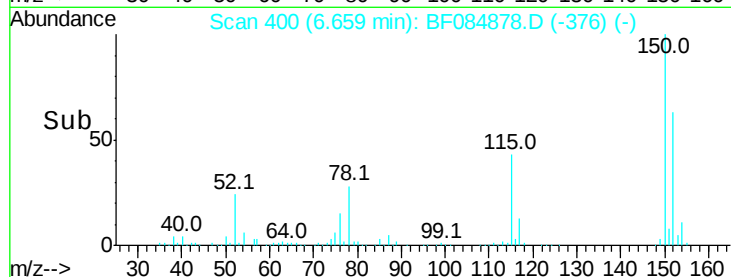
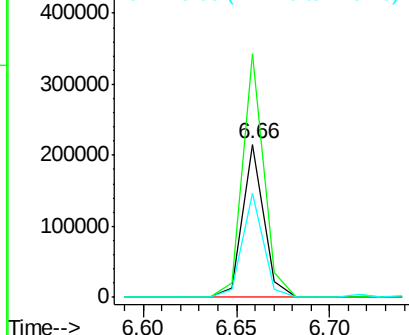
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tot Ion:152 Resp: 172487
Ion Ratio Lower Upper
152 100
150 159.2 123.0 184.4
115 67.9 51.4 77.2



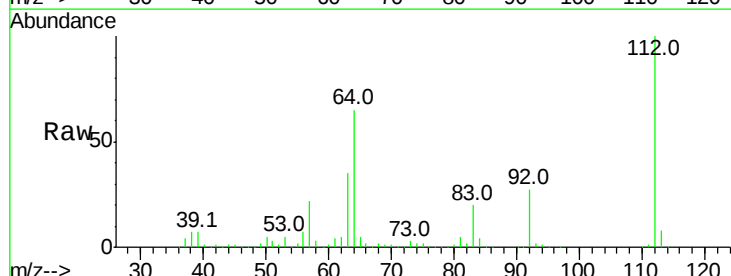
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



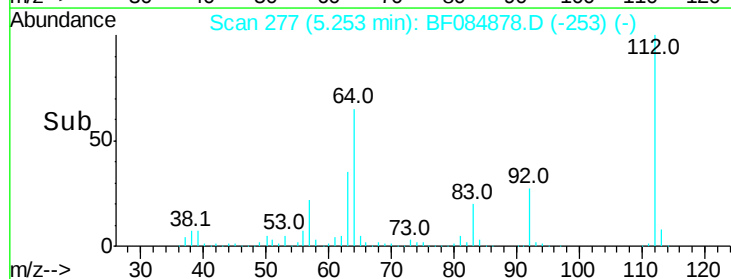
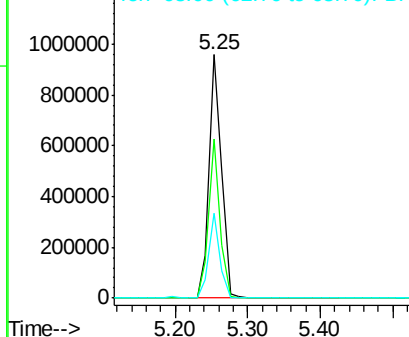
#5

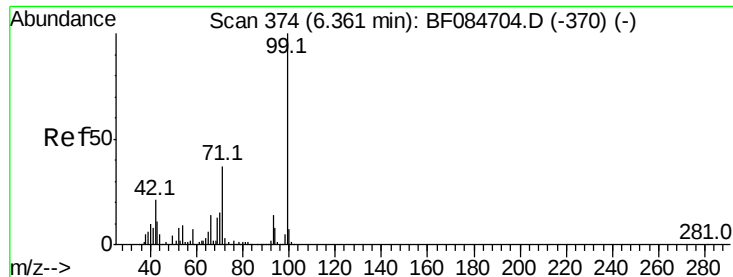
2-Fluorophenol
Concen: 102.89 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:112 Resp: 1139412
Ion Ratio Lower Upper
112 100
64 65.5 36.6 55.0#
63 34.6 19.4 29.0#



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: 104.15 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

Instrument :

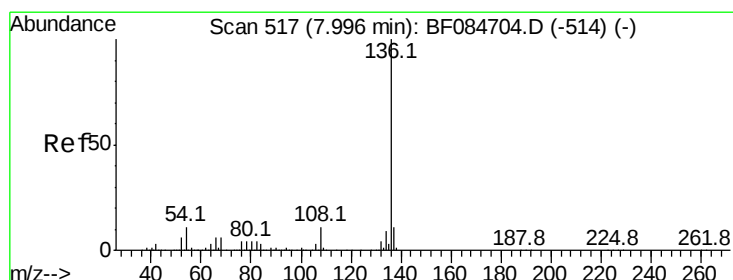
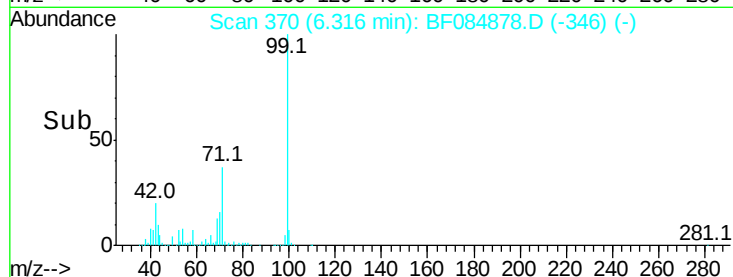
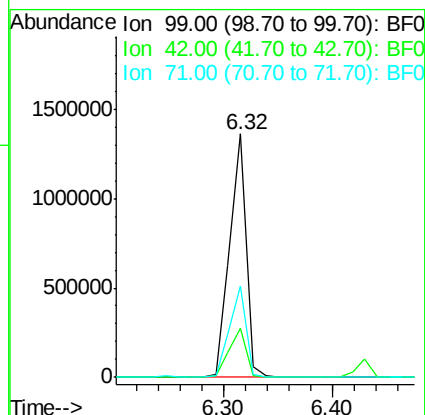
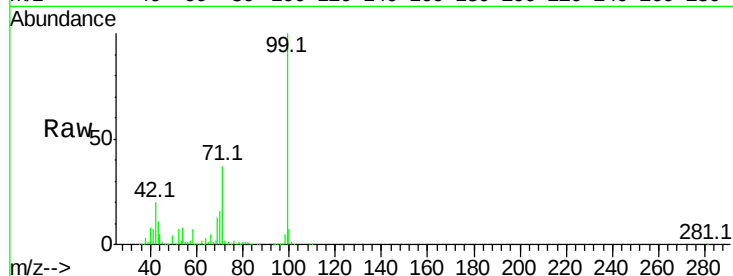
BNA_F

ClientSampleId :

SUP-B007(10-11)

Tot Ion: 99 Resp: 1429824

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	37.5	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

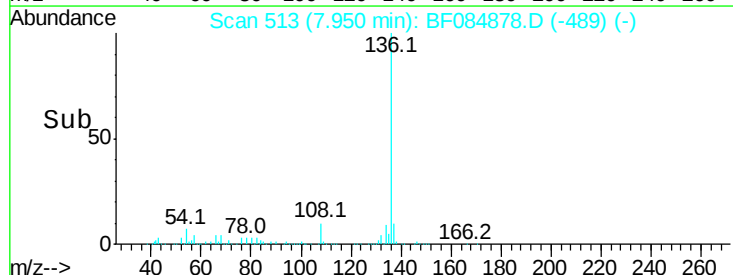
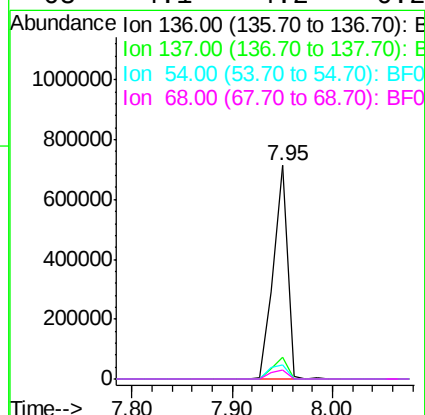
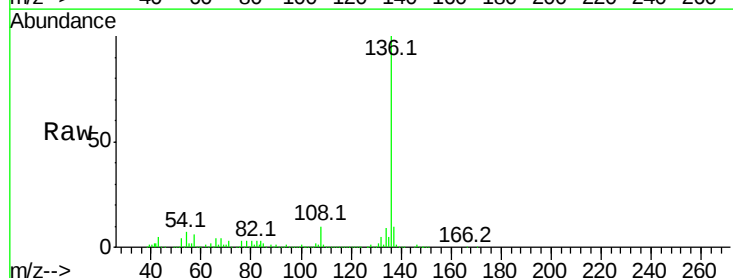
Delta R.T. -0.02 min

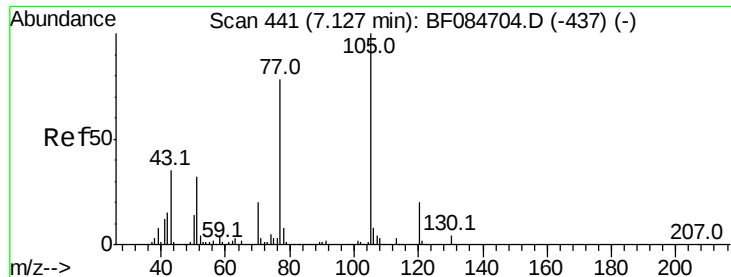
Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

Tgt Ion: 136 Resp: 705229

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.7	5.8	8.8
68	4.1	4.2	6.2#

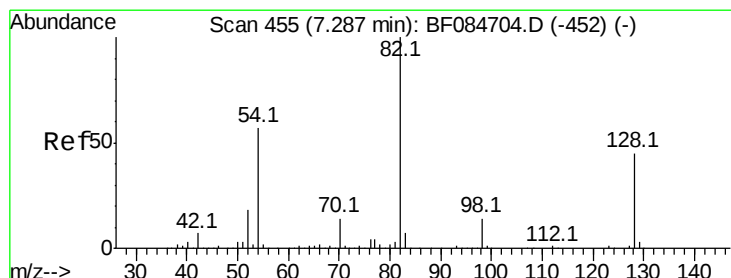
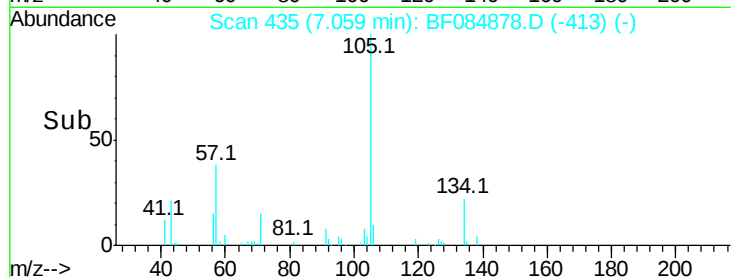
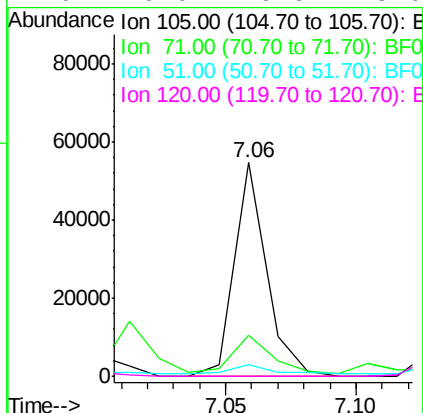
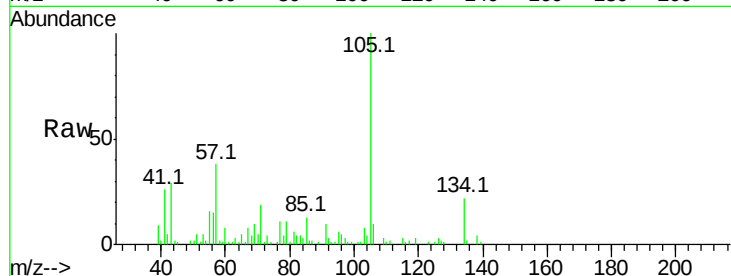




#22
Acetophenone
Concen: 2.54 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

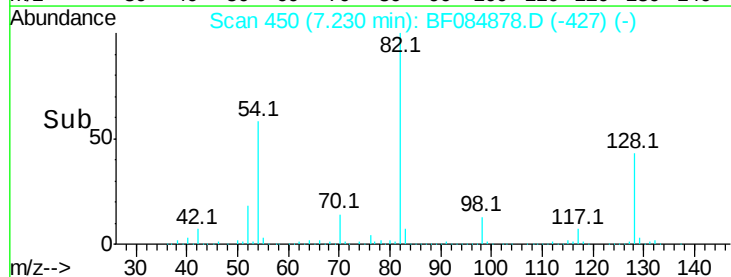
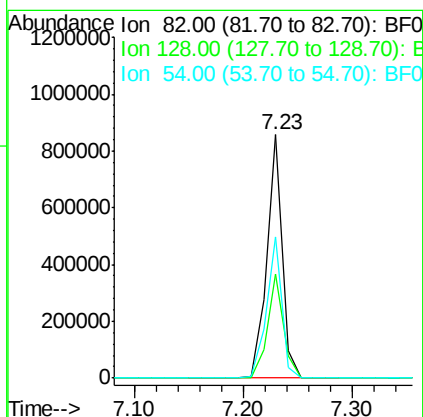
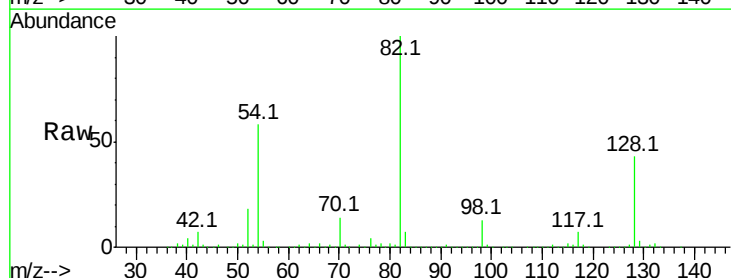
Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

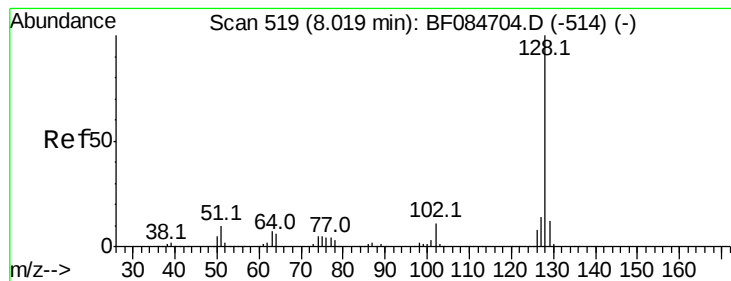
Tot Ion:105 Resp: 47202
Ion Ratio Lower Upper
105 100
71 19.5 3.7 5.5#
51 5.1 25.1 37.7#
120 0.0 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 67.91 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion: 82 Resp: 850142
Ion Ratio Lower Upper
82 100
128 42.9 34.6 51.8
54 57.8 38.4 57.6#





#31

Naphthalene

Concen: 5.32 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

Instrument :

BNA_F

ClientSampleId :

SUP-B007(10-11)

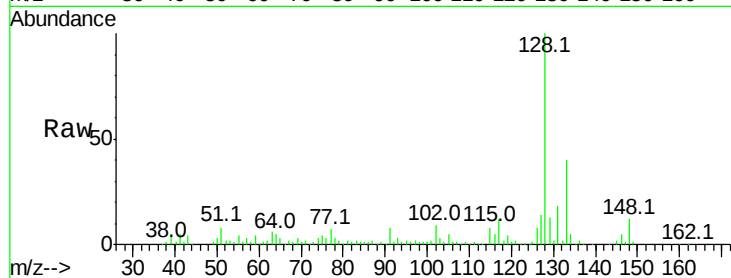
Tot Ion:128 Resp: 188259

Ion Ratio Lower Upper

128 100

129 12.9 9.1 13.7

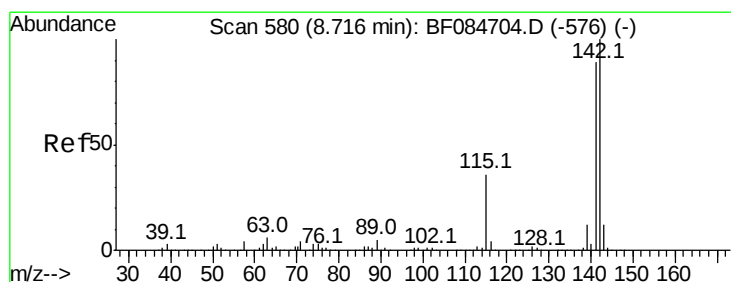
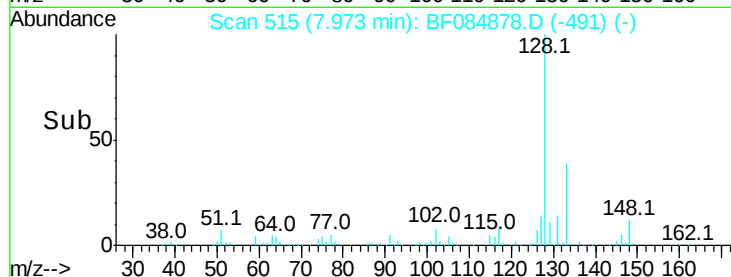
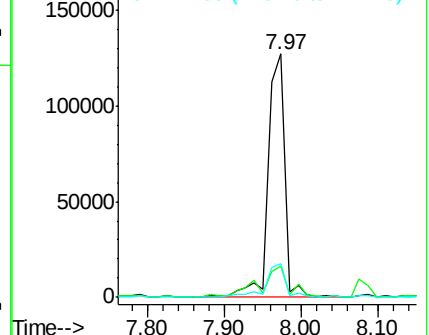
127 14.0 11.1 16.7



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: 3.72 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

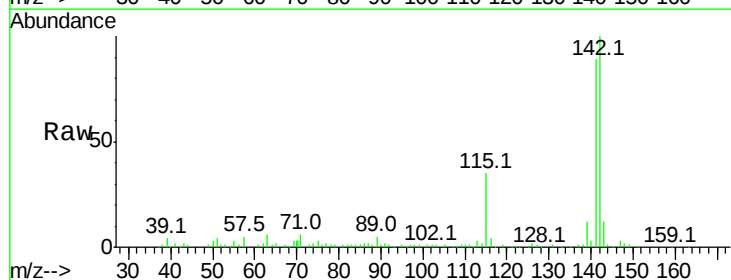
Tgt Ion:142 Resp: 82305

Ion Ratio Lower Upper

142 100

141 89.3 72.4 108.6

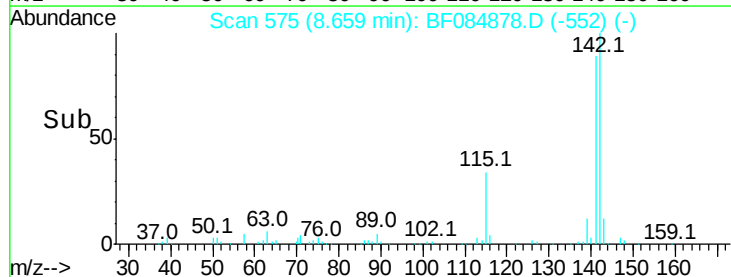
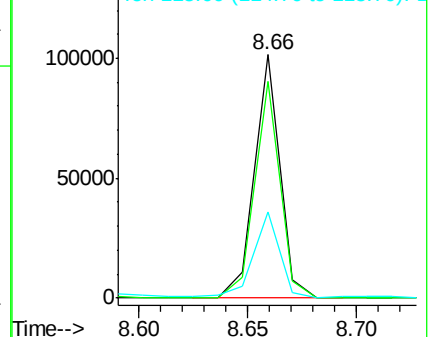
115 35.2 27.9 41.9

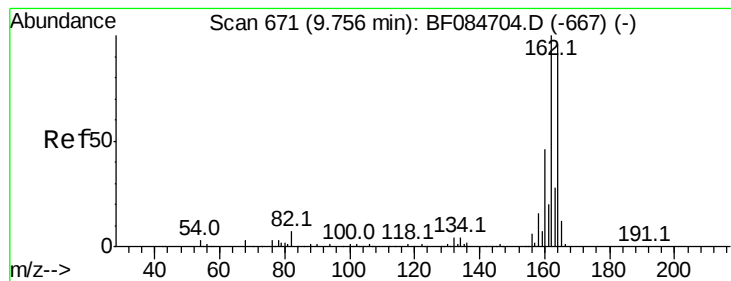


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

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SUP-B007(10-11)

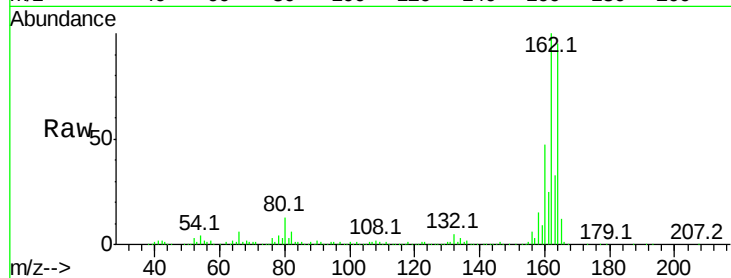
Tot Ion:164 Resp: 318952

Ion Ratio Lower Upper

164 100

162 105.1 85.1 127.7

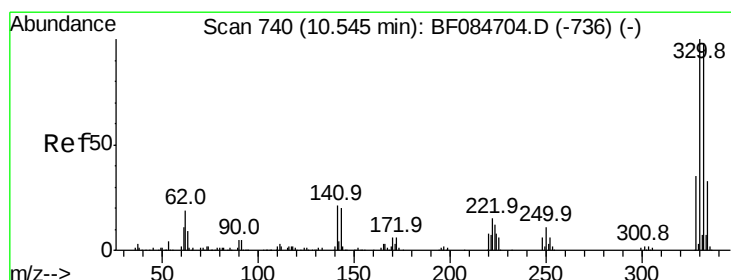
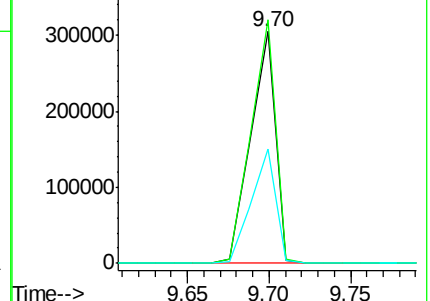
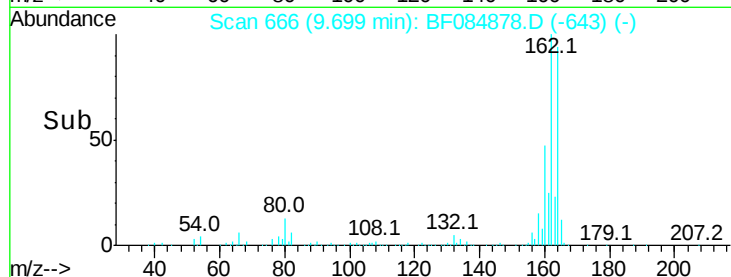
160 49.4 37.5 56.3



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: 111.80 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

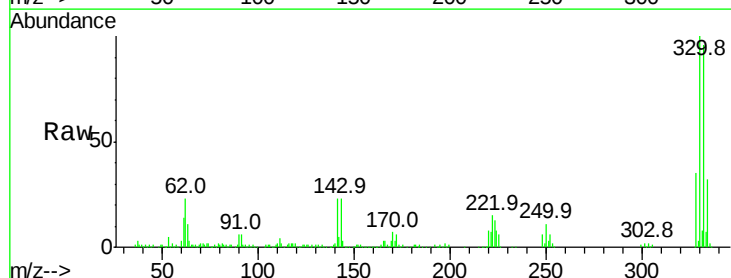
Tgt Ion:330 Resp: 371967

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

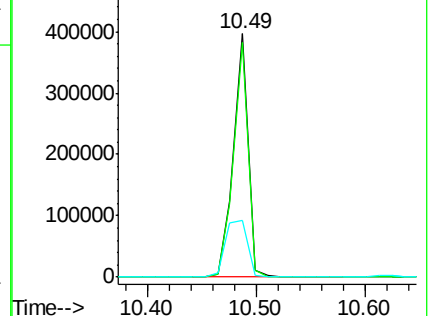
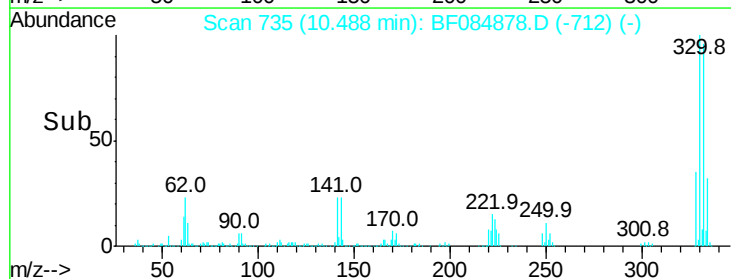
141 34.9 27.8 41.6

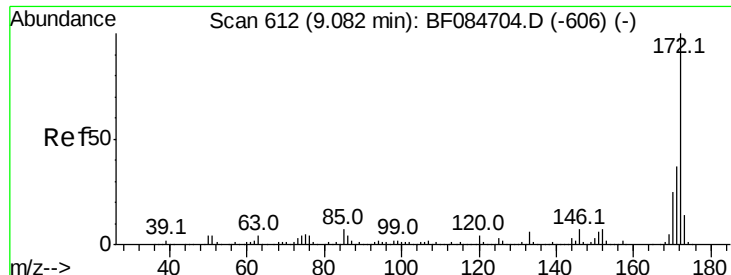


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

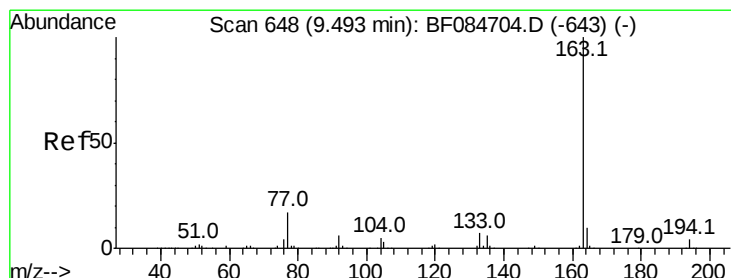
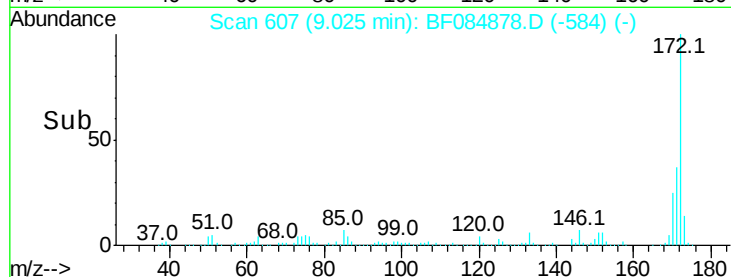
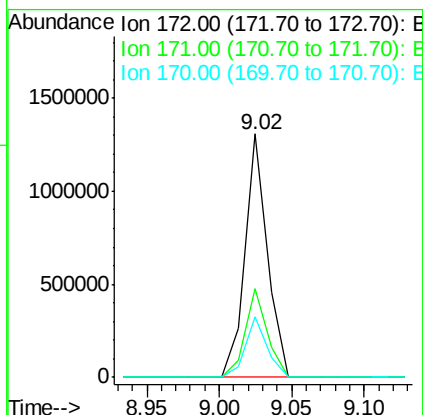
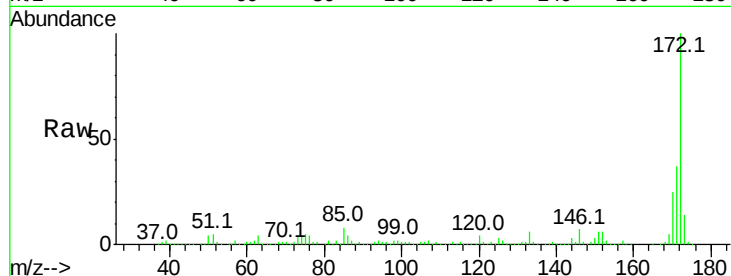




#44
2-Fluorobiphenyl
Concen: 69.38 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

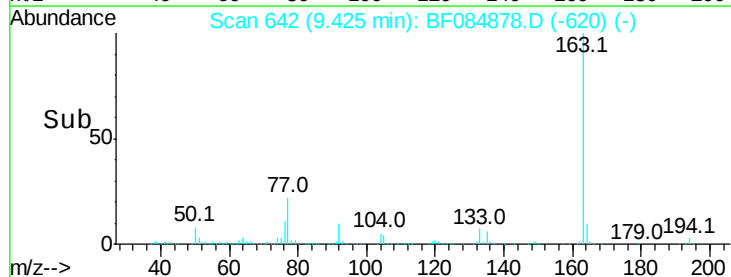
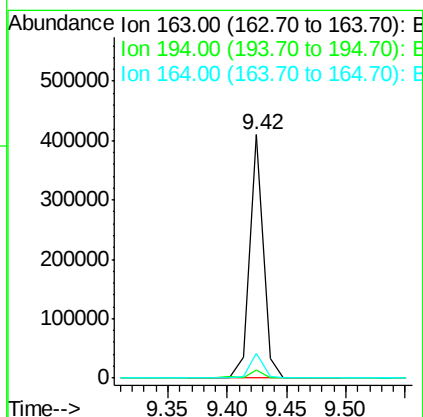
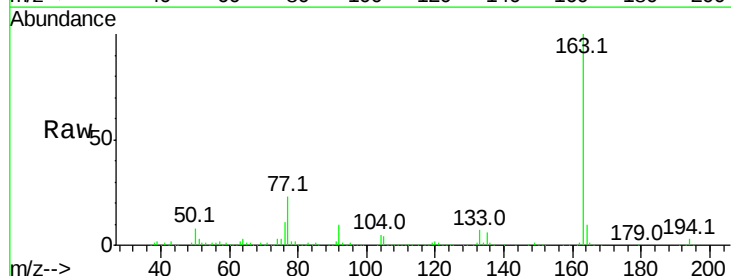
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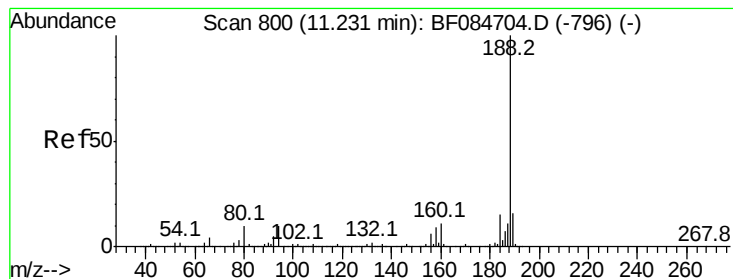
Tot Ion:172 Resp: 1396791
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.9 18.6 27.8



#49
Dimethylphthalate
Concen: 13.59 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:163 Resp: 330202
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.2 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

Instrument :

BNA_F

ClientSampleId :

SUP-B007(10-11)

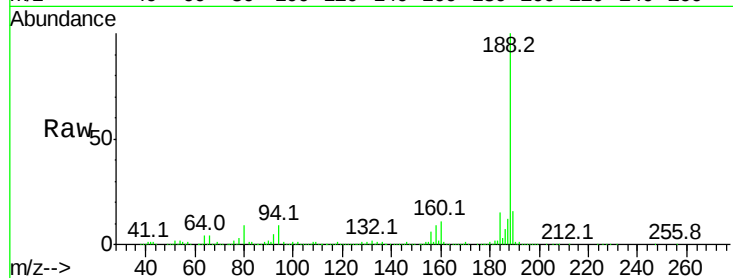
Tot Ion:188 Resp: 526911

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

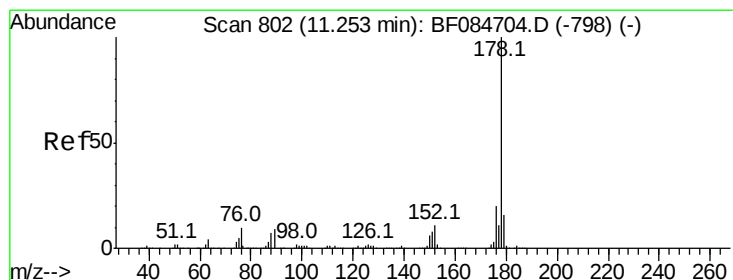
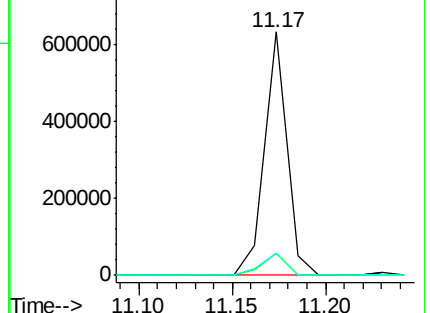
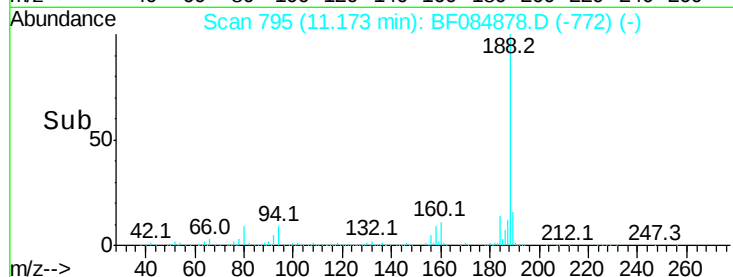
80 9.4 9.6 14.4#



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



#70

Phenanthrene

Concen: 4.71 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

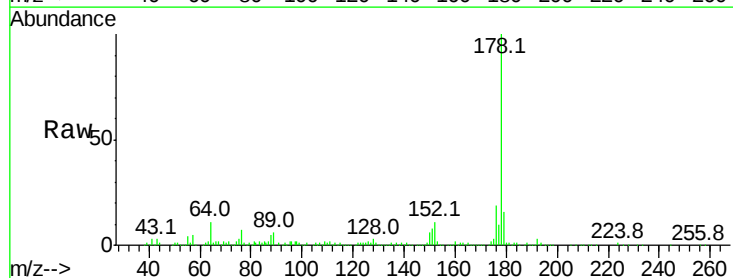
Tgt Ion:178 Resp: 137516

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

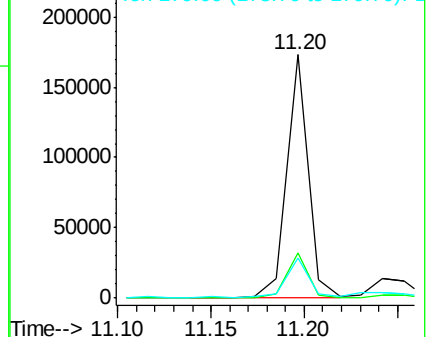
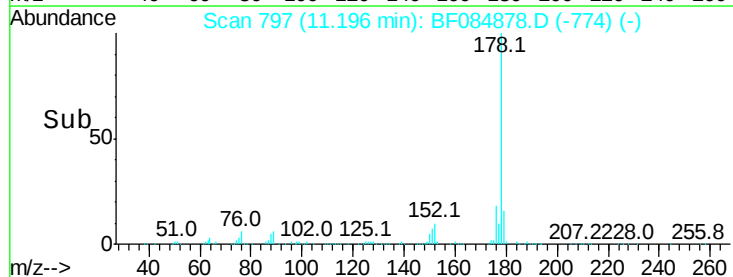
179 16.2 12.0 18.0

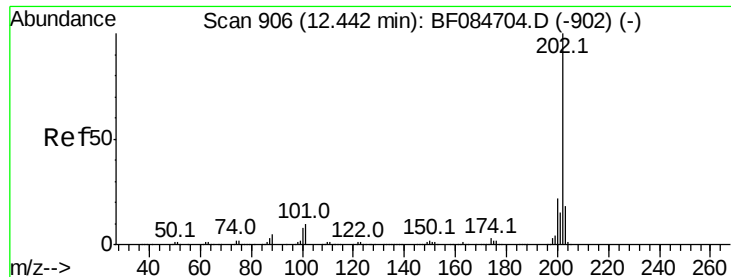


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.38 ng

RT: 12.38 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

Instrument :

BNA_F

ClientSampleId :

SUP-B007(10-11)

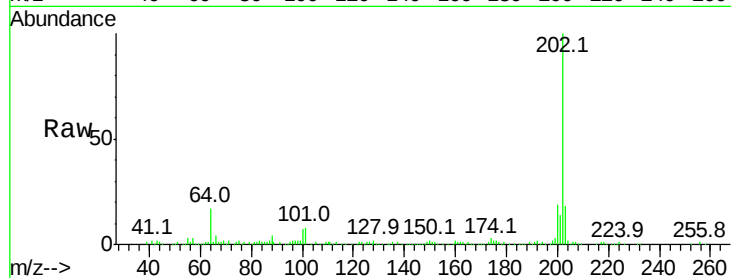
Tot Ion:202 Resp: 129573

Ion Ratio Lower Upper

202 100

101 7.8 0.0 32.8

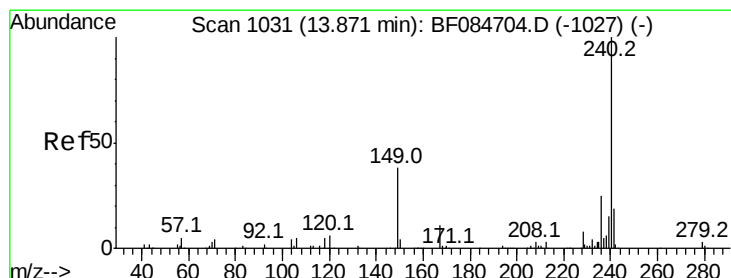
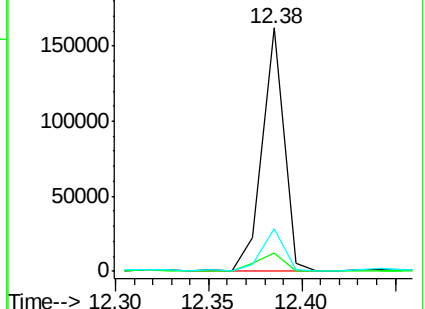
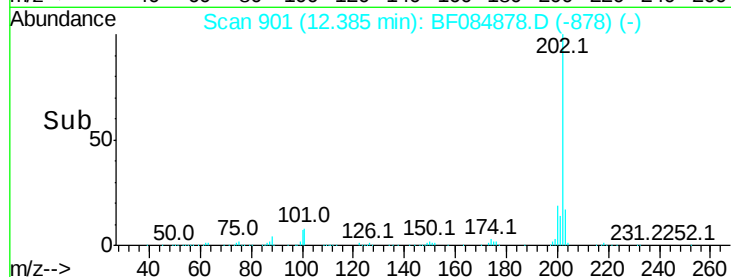
203 17.6 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

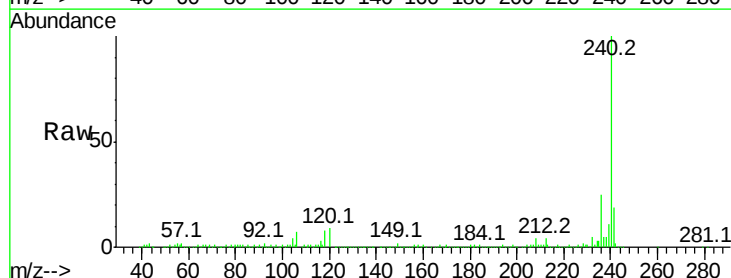
Tgt Ion:240 Resp: 372495

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

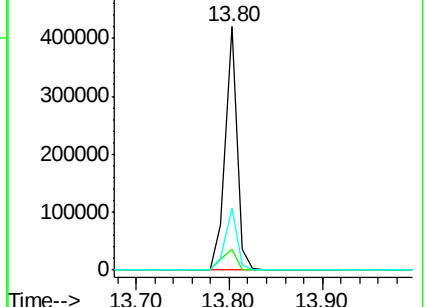
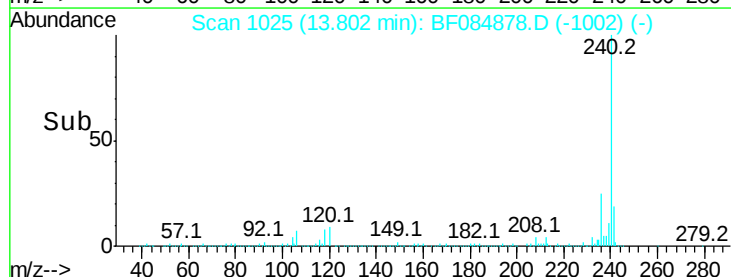
236 25.3 20.6 31.0

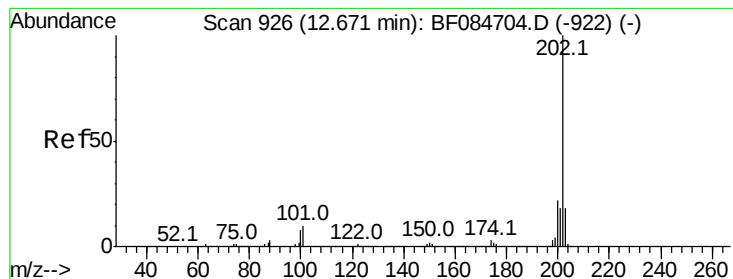


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.01 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

Instrument :

BNA_F

ClientSampleId :

SUP-B007(10-11)

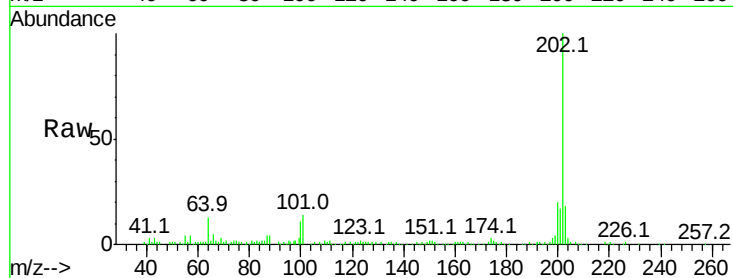
Tot Ion:202 Resp: 114441

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

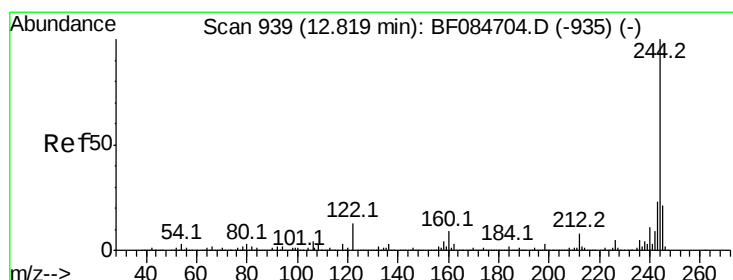
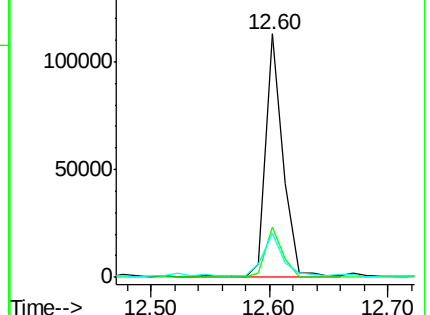
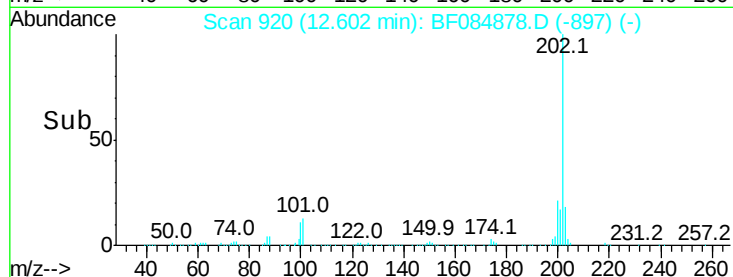
203 18.0 14.3 21.5



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: 69.21 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084878.D

Acq: 5 Feb 2016 23:47

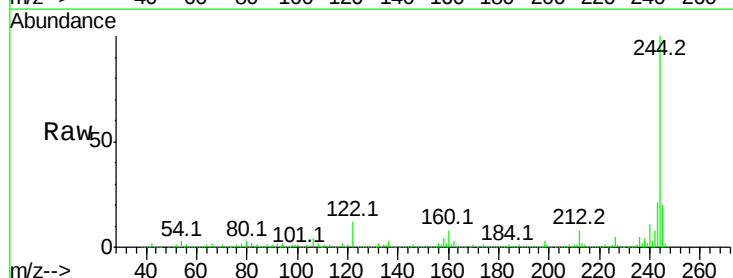
Tgt Ion:244 Resp: 1137730

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

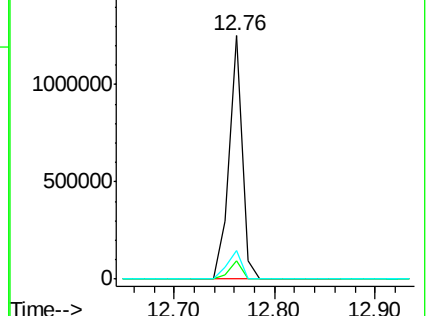
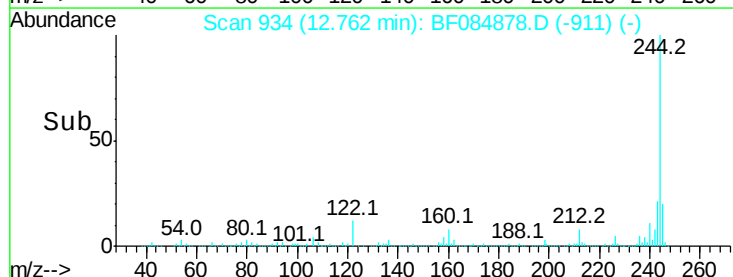
122 12.0 7.4 11.0#

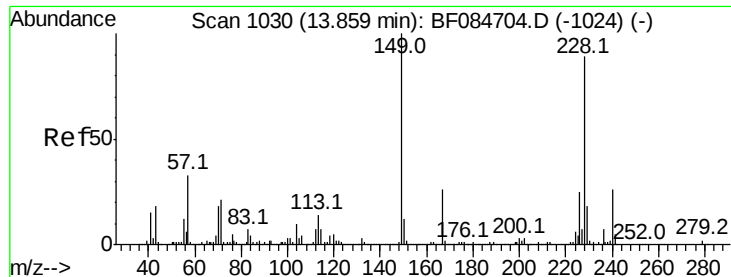


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

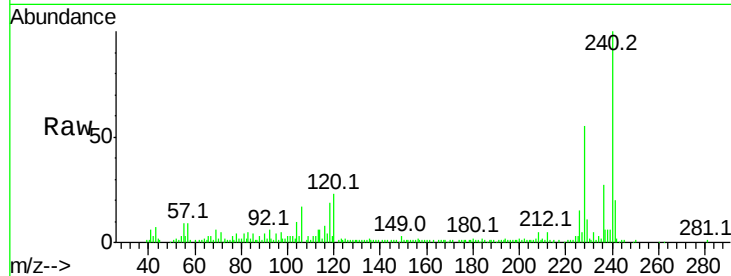




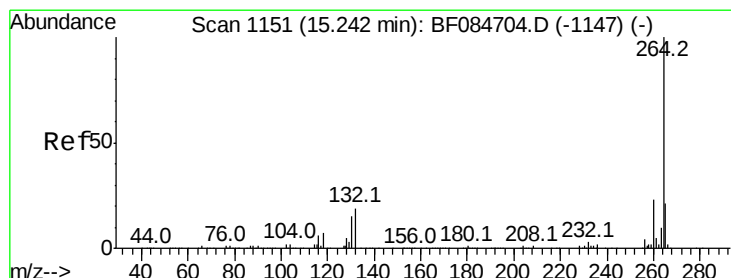
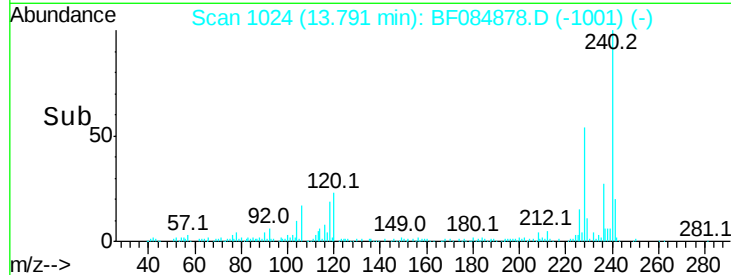
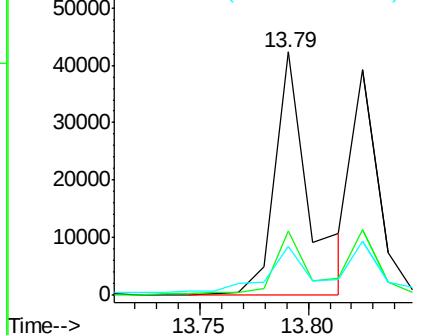
#80
Benzo(a)anthracene
Concen: 2.02 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tot Ion:228 Resp: 46625
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.6
229 20.2 15.8 23.8

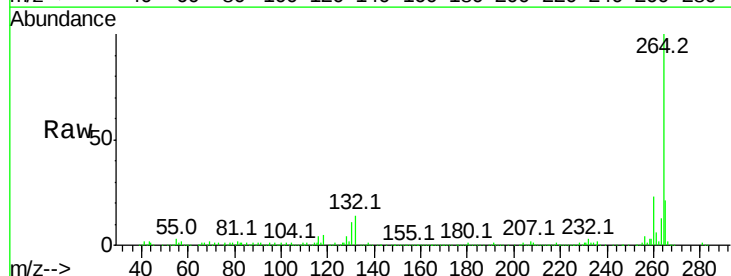


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:264 Resp: 311085
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.0 17.8 26.6



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

