

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096509.D
 Acq On : 6 Jul 2017 3:47
 Operator : SJ/MA
 Sample : I3975-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-0-2

Quant Time: Jul 06 05:06:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

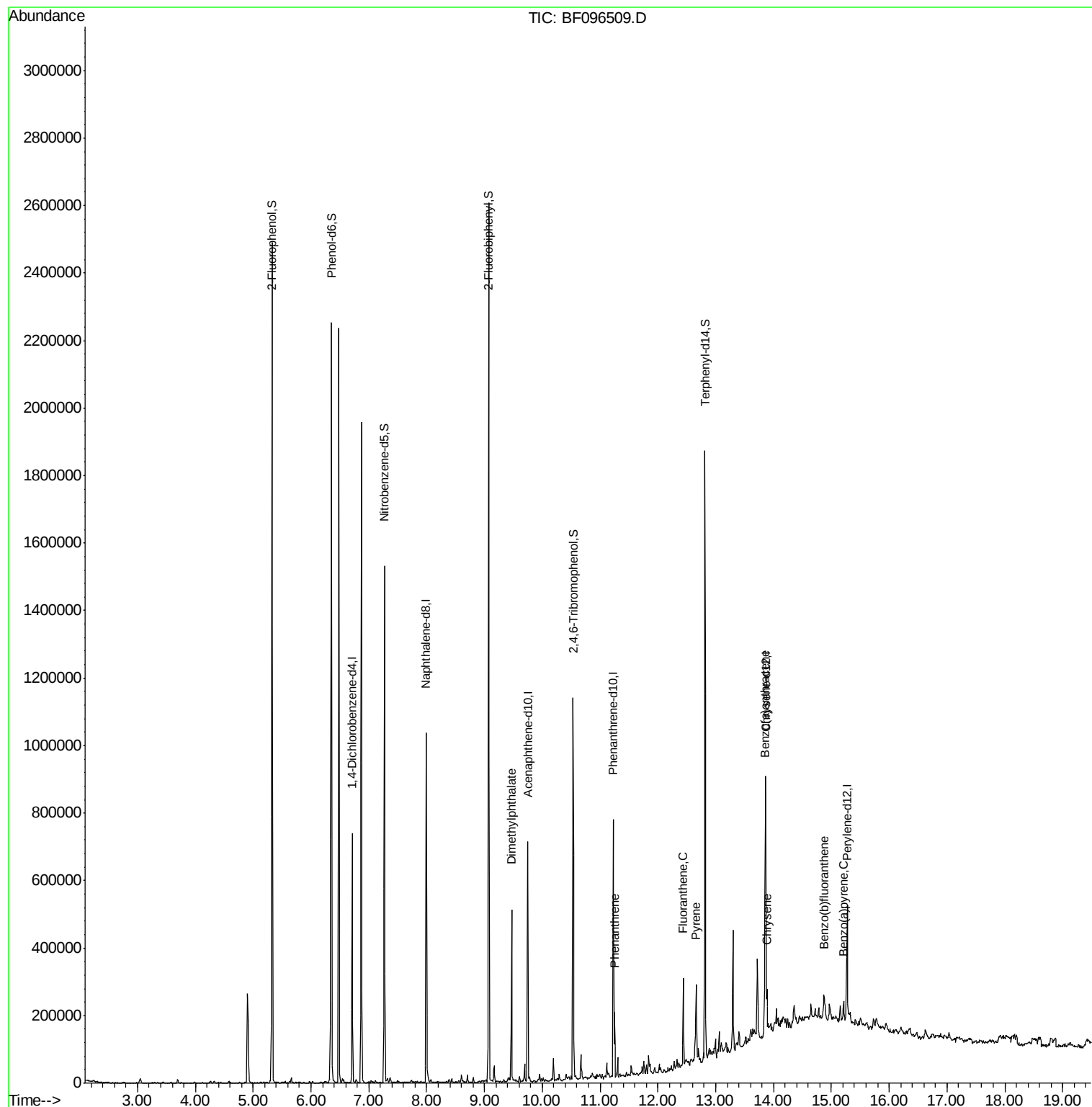
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112975	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	470539	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	144999	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	248646	20.00	ng	0.00
75) Chrysene-d12	13.86	240	234136	20.00	ng	0.00
86) Perylene-d12	15.27	264	149916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	668055	87.28	ng	0.00
7) Phenol-d6	6.35	99	800034	85.02	ng	0.00
23) Nitrobenzene-d5	7.27	82	438188	55.96	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	116679	103.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	761928	89.84	ng	0.00
78) Terphenyl-d14	12.82	244	527209	48.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	214608	19.83	ng	99
70) Phenanthrene	11.25	178	61091	4.55	ng	98
74) Fluoranthene	12.44	202	97359	7.39	ng	99
77) Pyrene	12.66	202	91196	4.85	ng	98
80) Benzo(a)anthracene	13.85	228	44886	3.31	ng	93
82) Chrysene	13.89	228	39899m	2.81	ng	
87) Benzo(b)fluoranthene	14.87	252	37164m	3.96	ng	
89) Benzo(a)pyrene	15.21	252	24141	2.88	ng	# 86

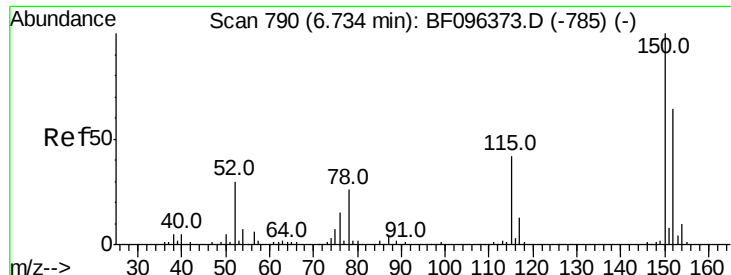
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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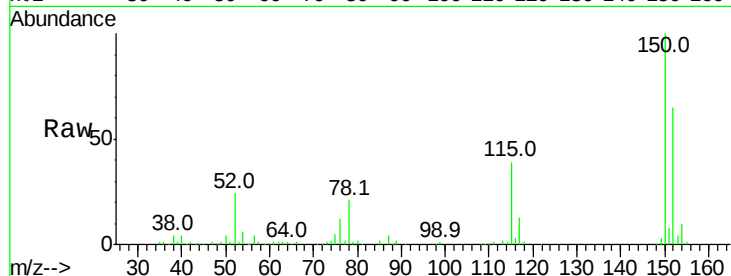


#1

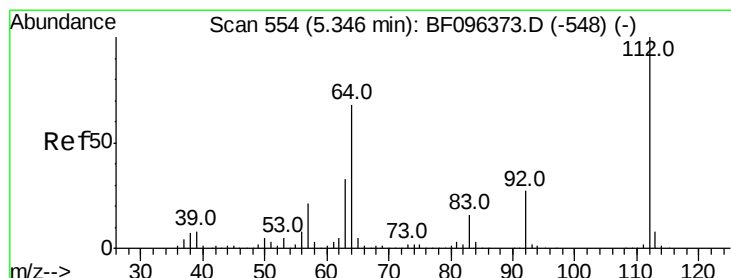
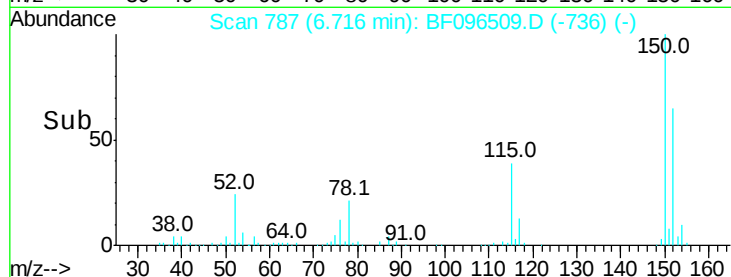
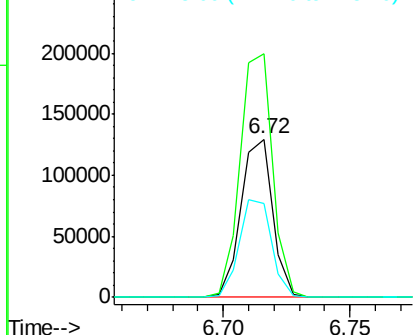
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096509.D
Acq: 6 Jul 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B7-0-2

Tot Ion:152 Resp: 112975
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 59.7 52.2 78.2



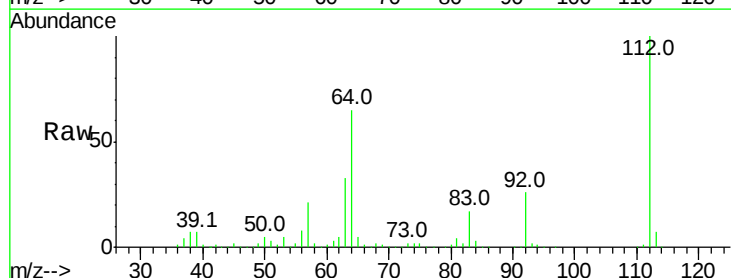
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



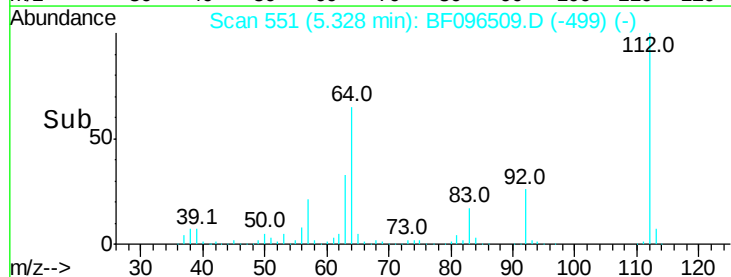
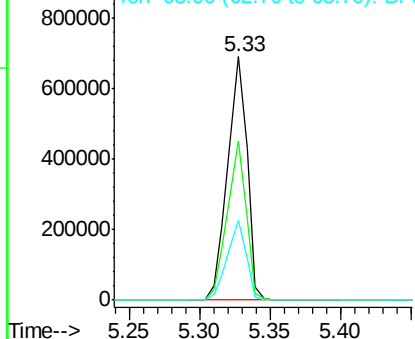
#5

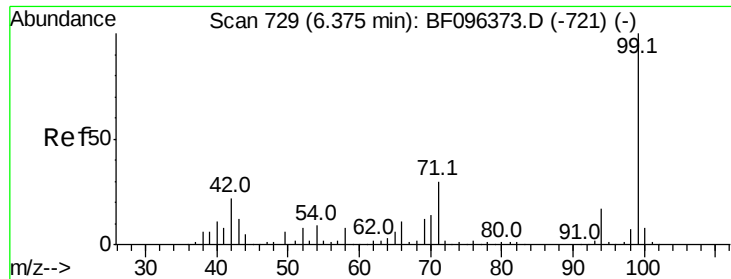
2-Fluorophenol
Concen: 87.28 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096509.D
Acq: 6 Jul 2017 3:47

Tgt Ion:112 Resp: 668055
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.0 23.4 35.0



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: 85.02 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

Instrument :

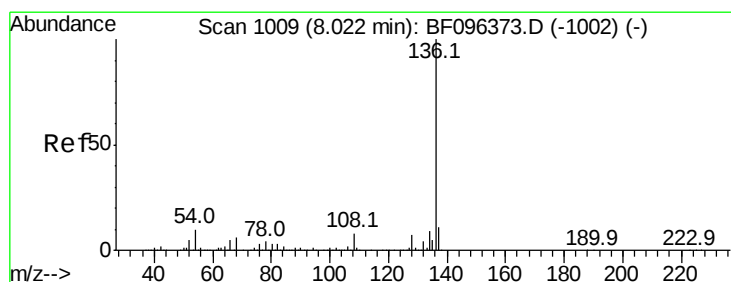
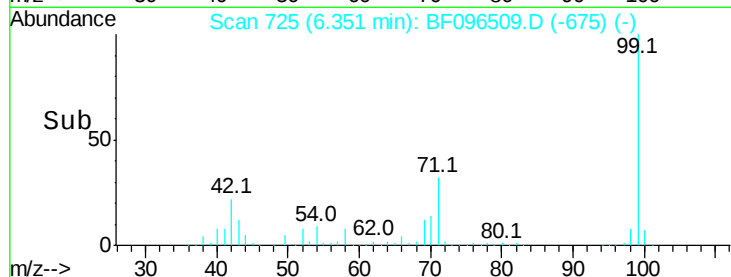
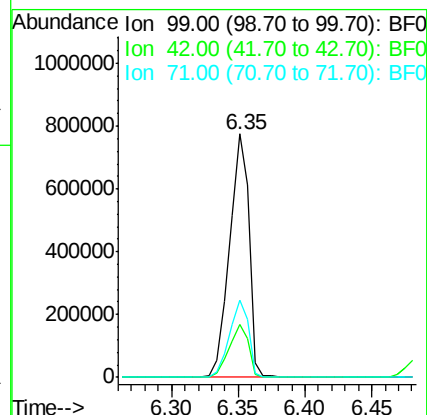
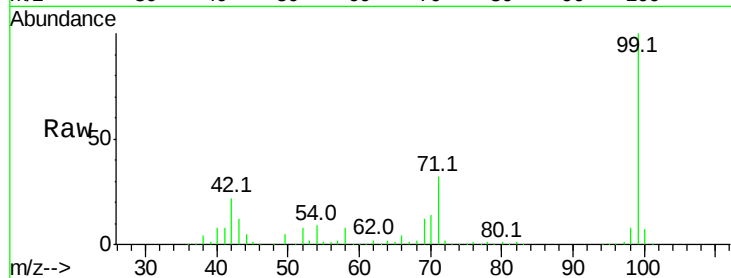
BNA_F

ClientSampled :

B7-0-2

Tot Ion: 99 Resp: 800034

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	31.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

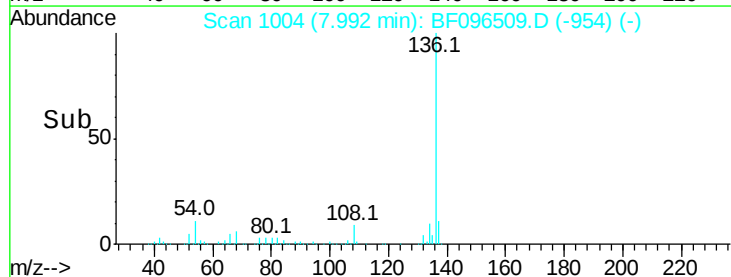
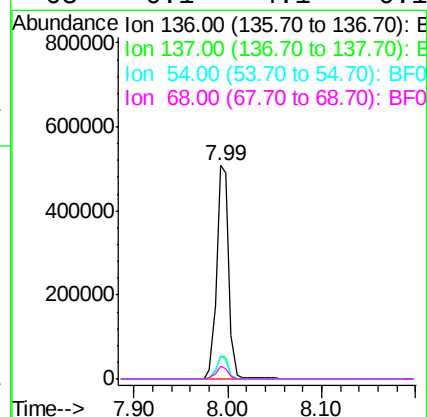
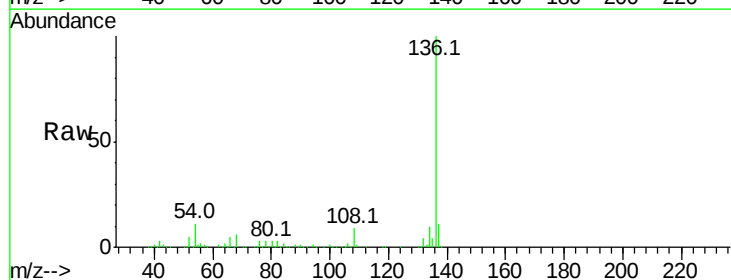
Delta R.T. -0.01 min

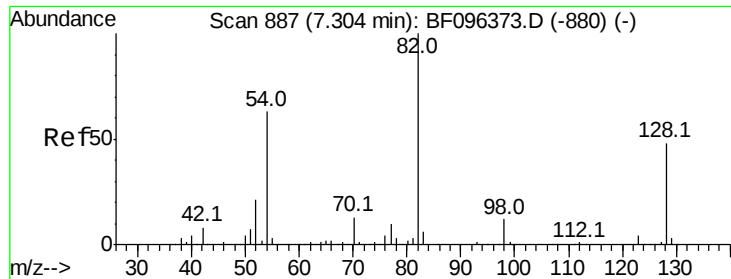
Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

Tgt Ion: 136 Resp: 470539

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.1	4.9	7.3#
68	6.1	4.1	6.1

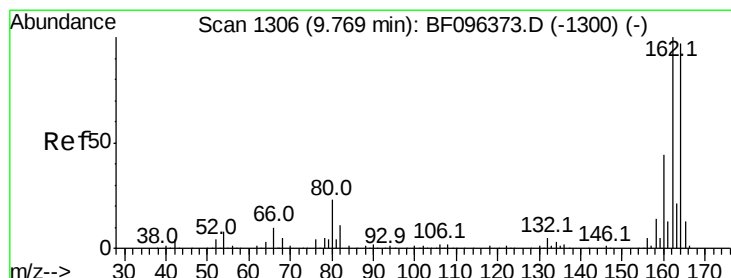
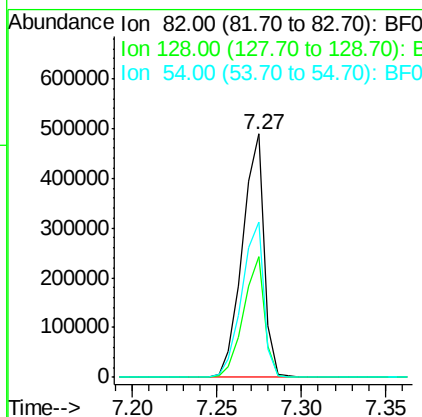
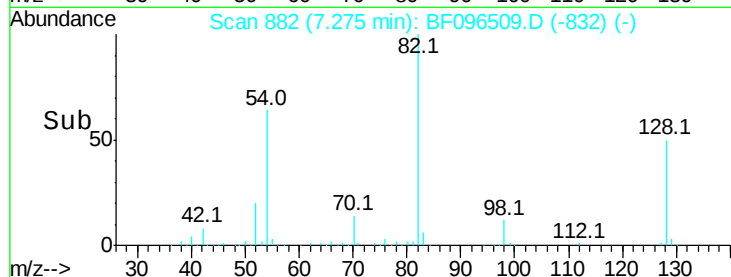
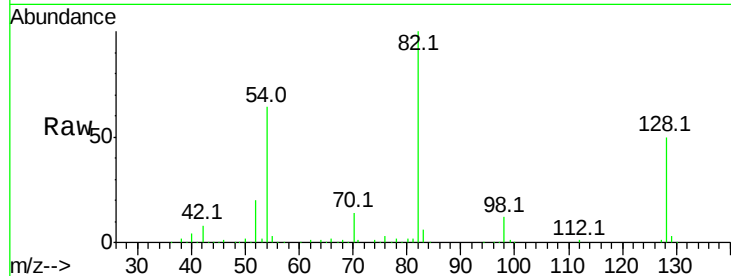




#23
 Nitrobenzene-d5
 Concen: 55.96 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096509.D
 Acq: 6 Jul 2017 3:47

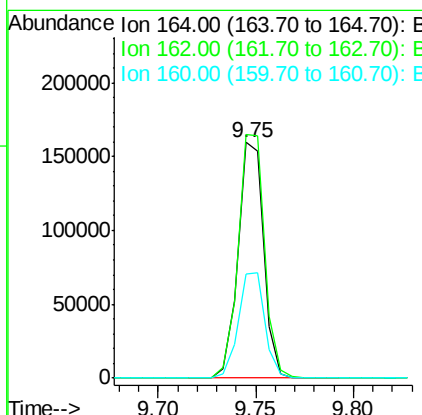
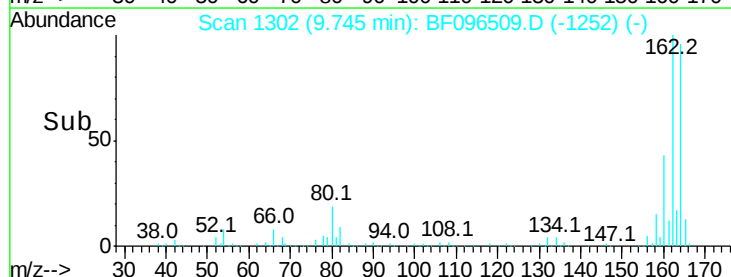
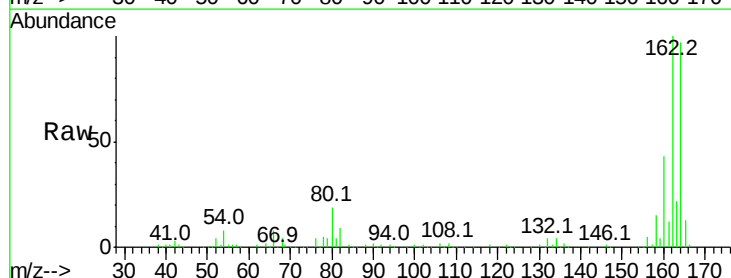
Instrument :
 BNA_F
 ClientSampled :
 B7-0-2

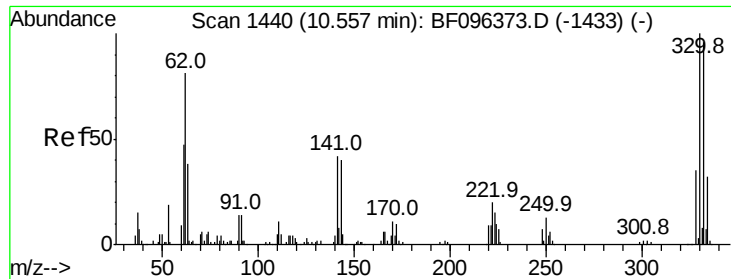
Tot Ion: 82 Resp: 438188
 Ion Ratio Lower Upper
 82 100
 128 49.6 34.0 51.0
 54 63.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096509.D
 Acq: 6 Jul 2017 3:47

Tgt Ion:164 Resp: 144999
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 44.4 36.2 54.2

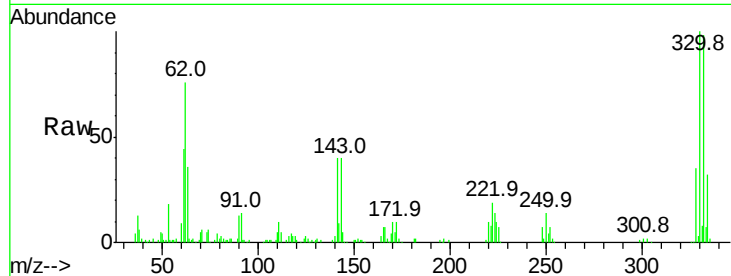




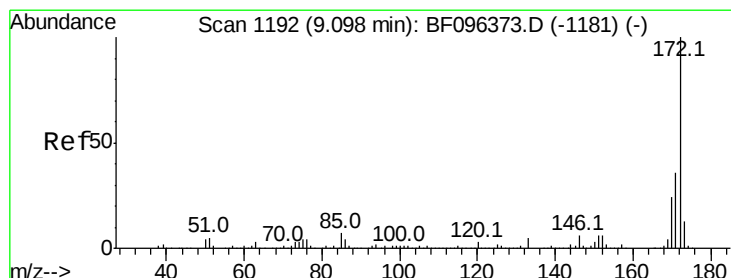
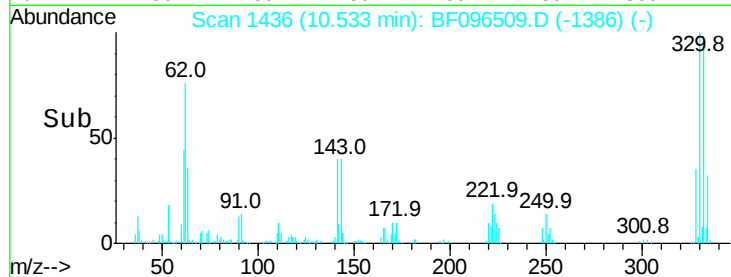
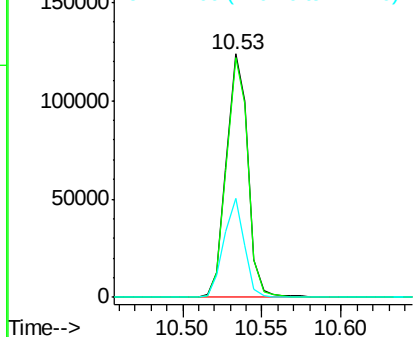
#41
 2,4,6-Tribromophenol
 Concen: 103.02 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096509.D
 Acq: 6 Jul 2017 3:47

Instrument :
 BNA_F
 ClientSampleId :
 B7-0-2

Tot Ion:330 Resp: 116679
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 39.4 31.4 47.2

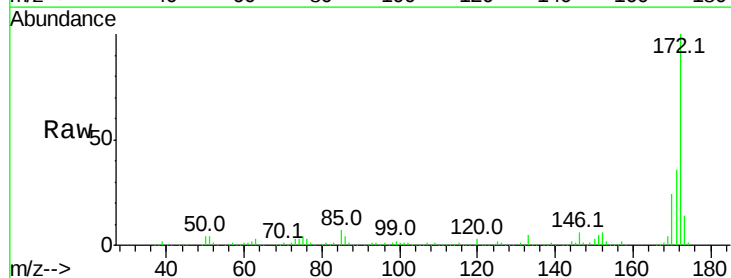


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

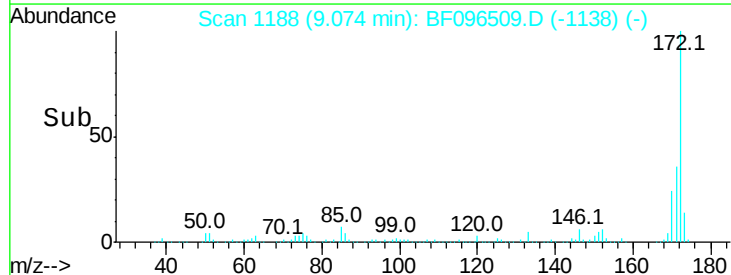
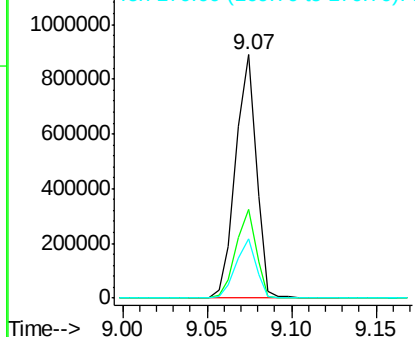


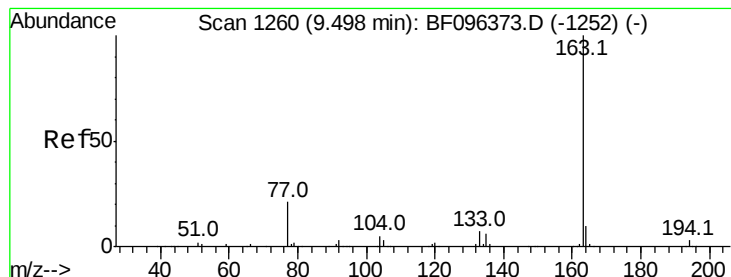
#44
 2-Fluorobiphenyl
 Concen: 89.84 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096509.D
 Acq: 6 Jul 2017 3:47

Tgt Ion:172 Resp: 761928
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.1 19.8 29.8



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





#49

Dimethylphthalate

Concen: 19.83 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

Instrument :

BNA_F

ClientSampleId :

B7-0-2

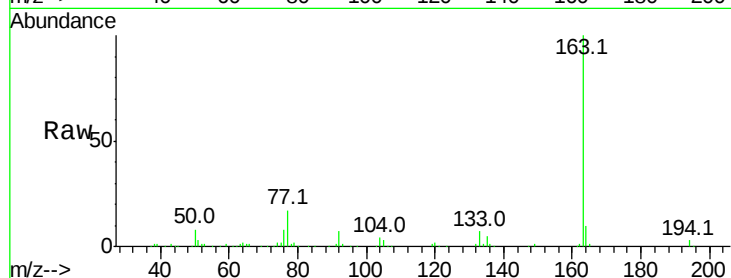
Tot Ion:163 Resp: 214608

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

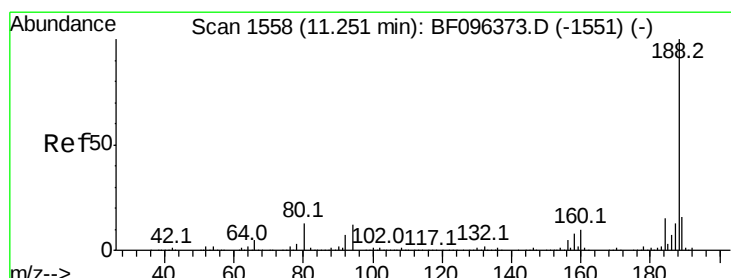
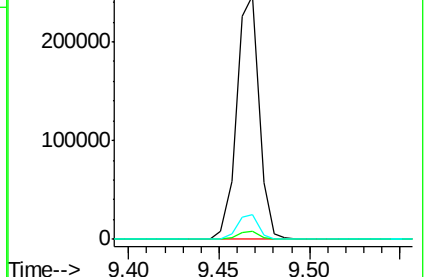
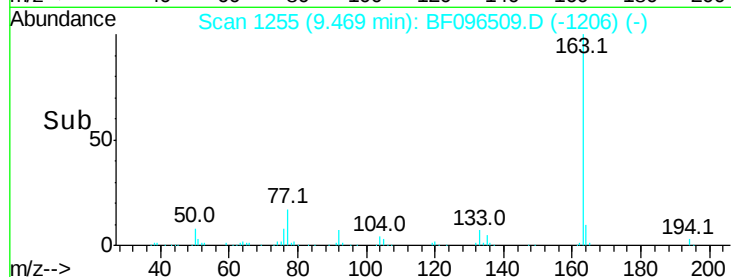
164 10.3 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

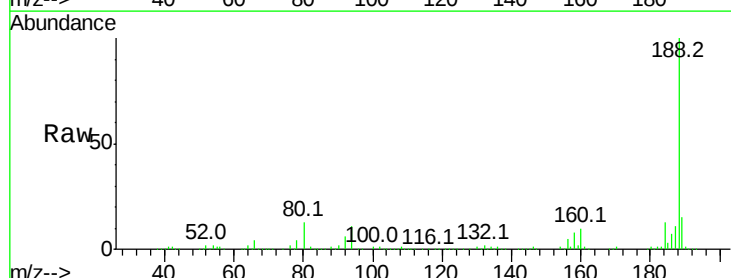
Tgt Ion:188 Resp: 248646

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

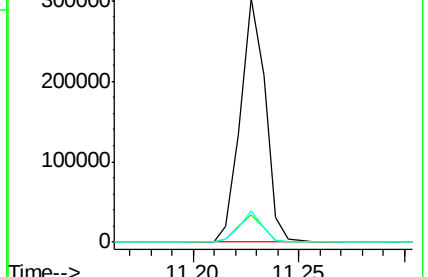
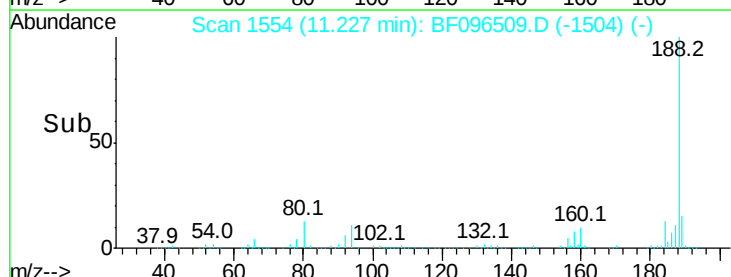
80 12.6 10.2 15.2

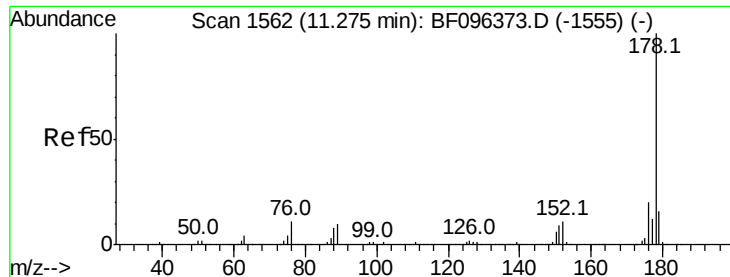


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.55 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

Instrument :

BNA_F

ClientSampled :

B7-0-2

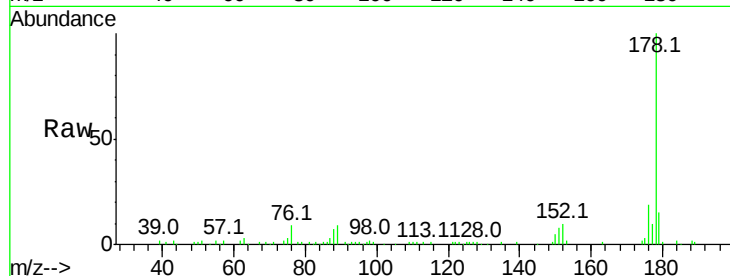
Tot Ion:178 Resp: 61091

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

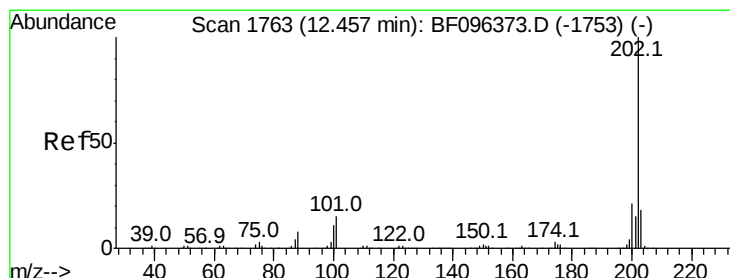
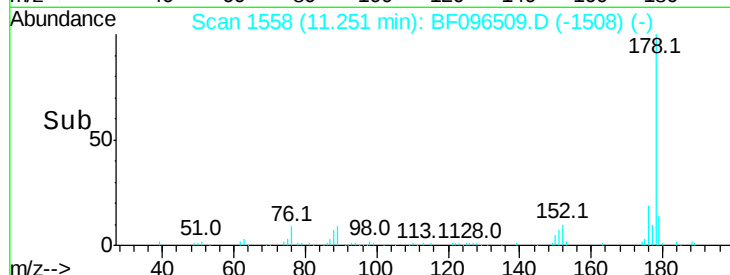
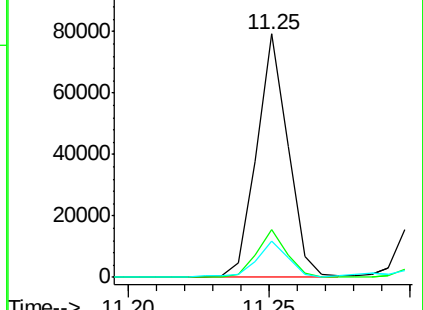
179 14.7 12.6 19.0



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: 7.39 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

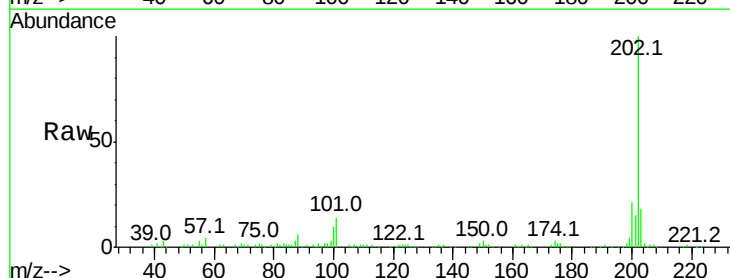
Tgt Ion:202 Resp: 97359

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

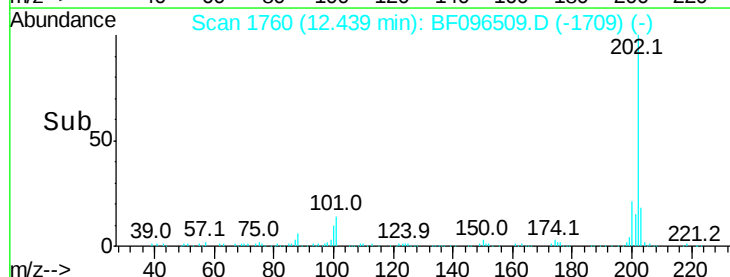
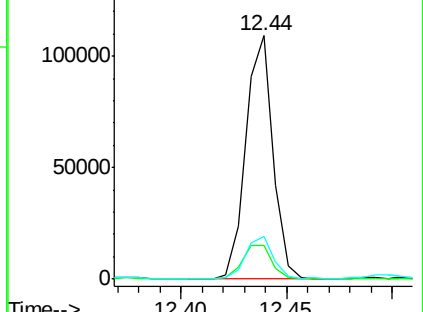
203 17.6 0.0 38.1

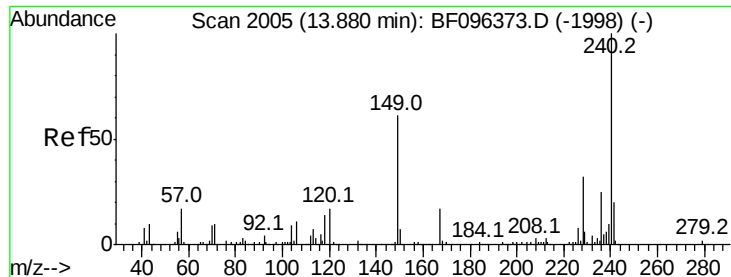


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

Instrument :

BNA_F

ClientSampleId :

B7-0-2

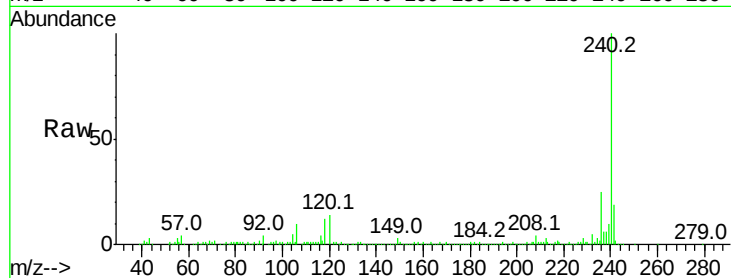
Tot Ion:240 Resp: 234136

Ion Ratio Lower Upper

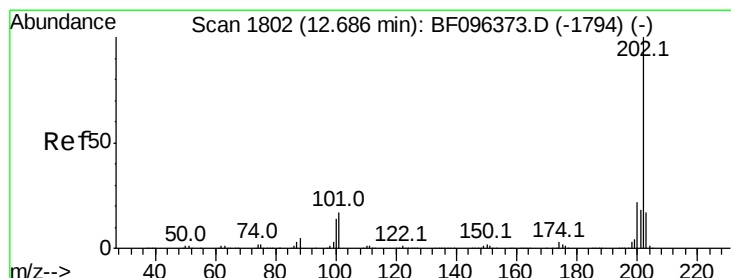
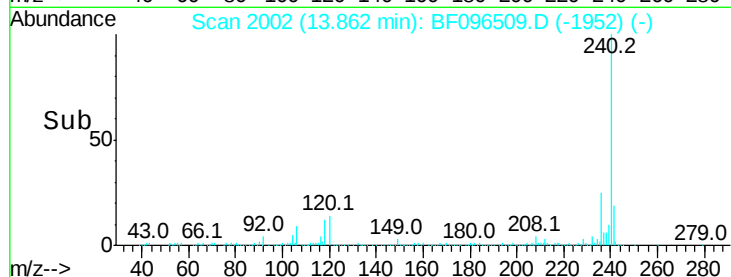
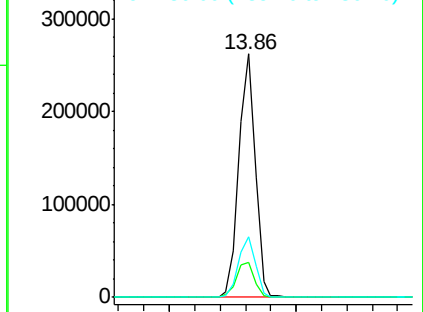
240 100

120 14.4 5.8 8.8#

236 24.9 20.5 30.7



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

Pyrene

Concen: 4.85 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

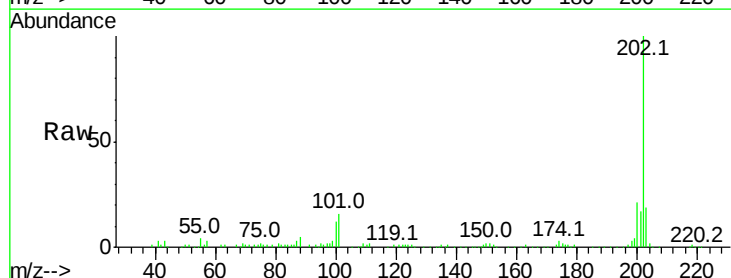
Tgt Ion:202 Resp: 91196

Ion Ratio Lower Upper

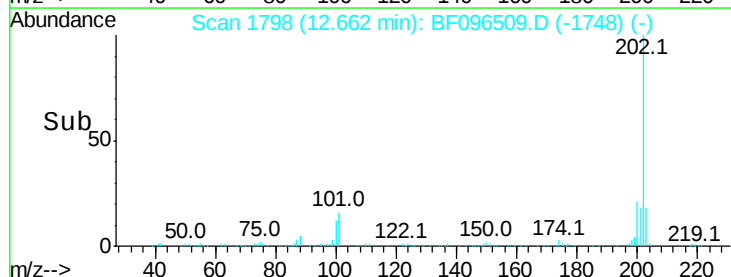
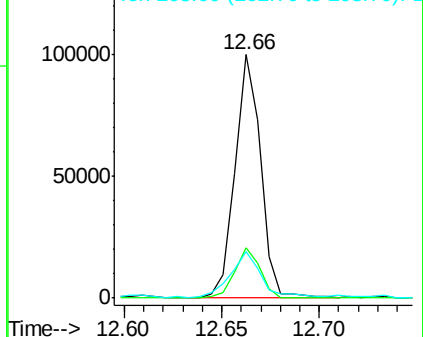
202 100

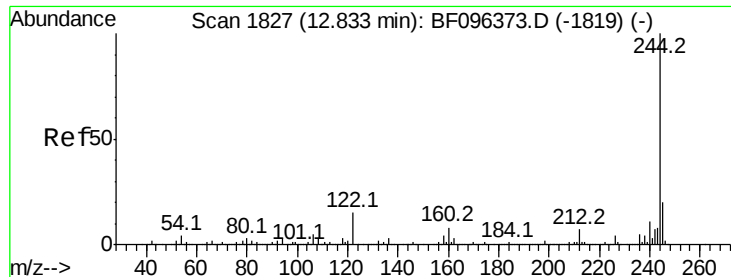
200 20.8 17.6 26.4

203 18.9 14.4 21.6



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: 48.12 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

Instrument :

BNA_F

ClientSampleId :

B7-0-2

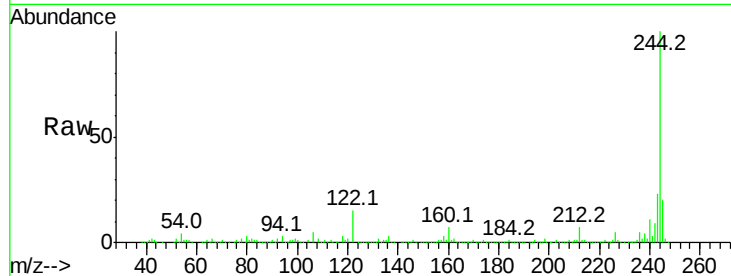
Tot Ion:244 Resp: 527209

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

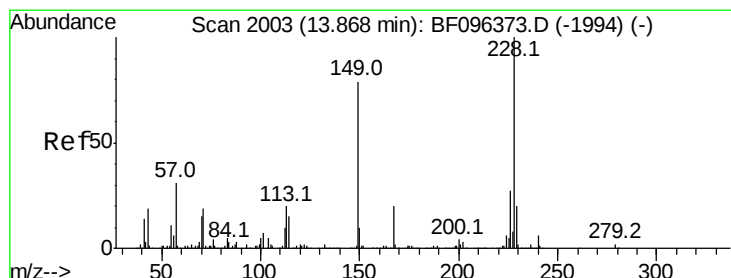
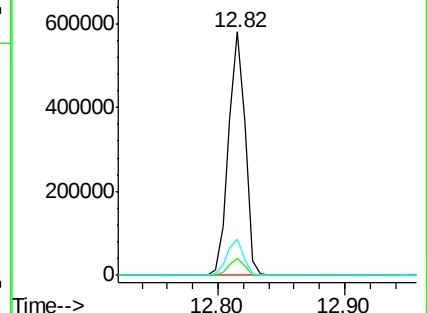
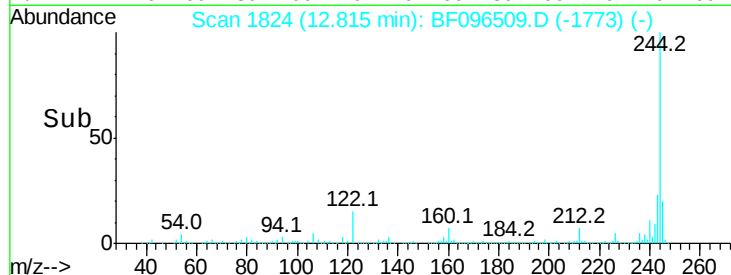
122 15.1 10.3 15.5



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: 3.31 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF096509.D

Acq: 6 Jul 2017 3:47

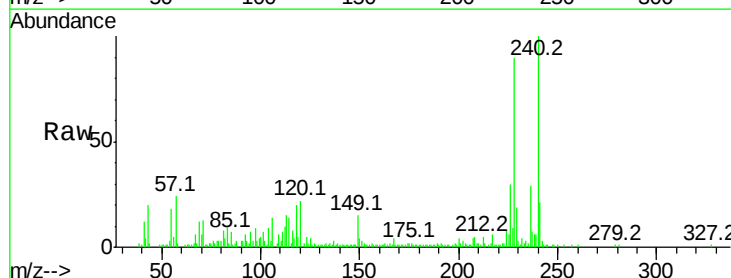
Tgt Ion:228 Resp: 44886

Ion Ratio Lower Upper

228 100

226 33.8 22.6 33.8

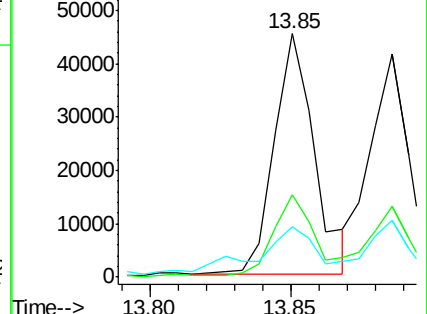
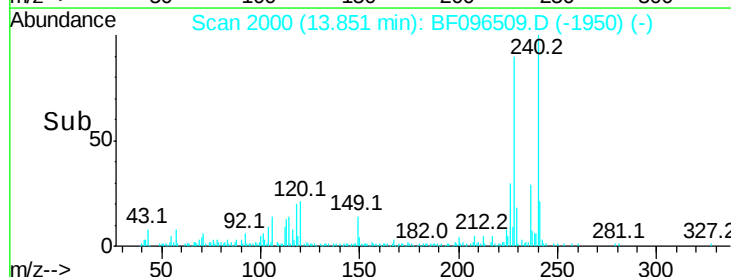
229 20.9 16.3 24.5

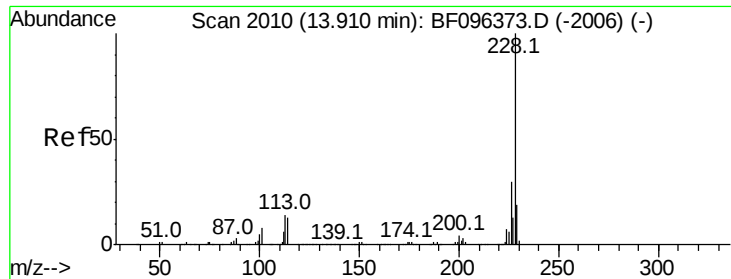


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

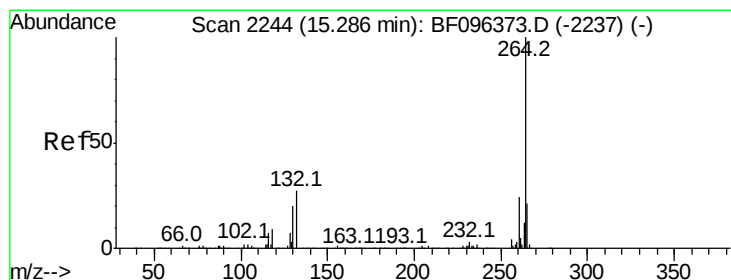
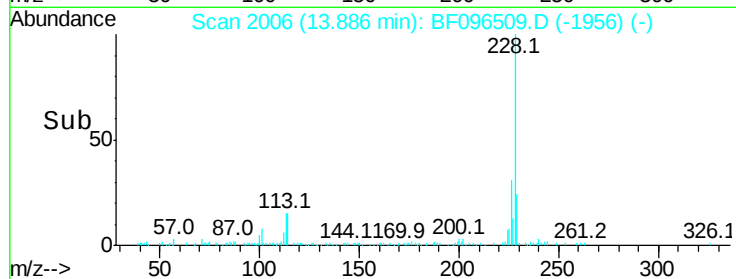
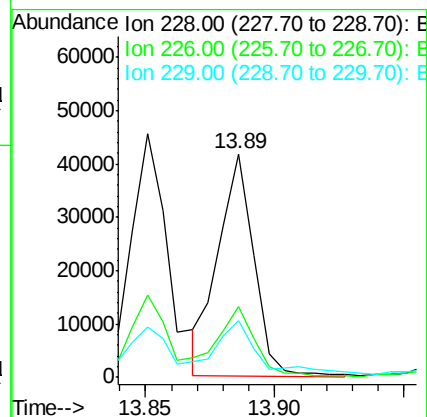
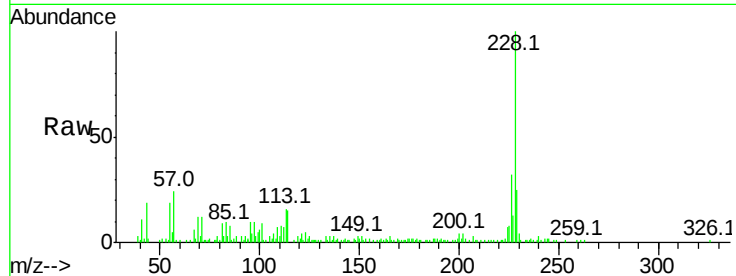




#82
Chrysene
Concen: 2.81 ng/ml
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096509.D
Acq: 6 Jul 2017 3:47

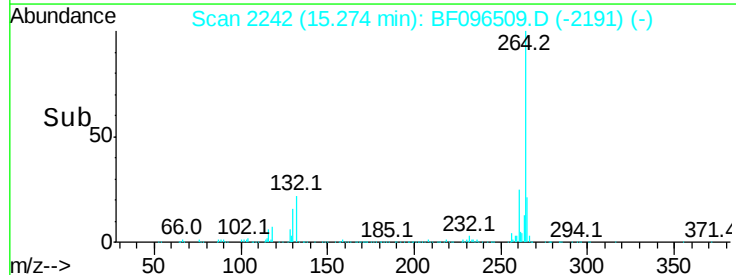
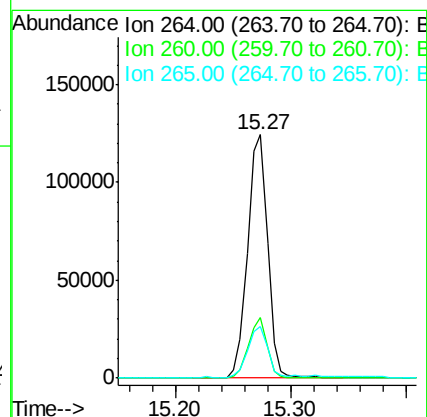
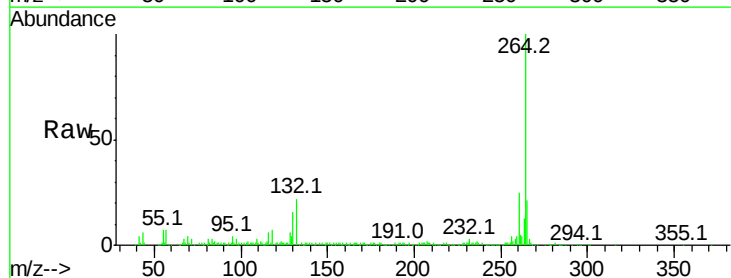
Instrument :
BNA_F
ClientSampleId :
B7-0-2

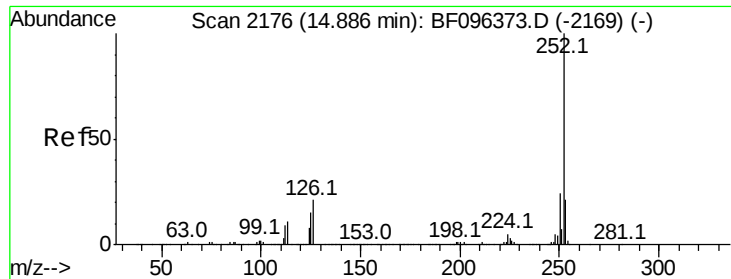
Tot Ion:228 Resp: 39899
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 25.2 15.8 23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096509.D
Acq: 6 Jul 2017 3:47

Tgt Ion:264 Resp: 149916
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.0 17.2 25.8

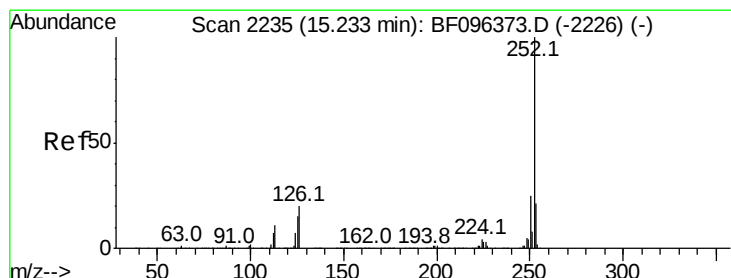
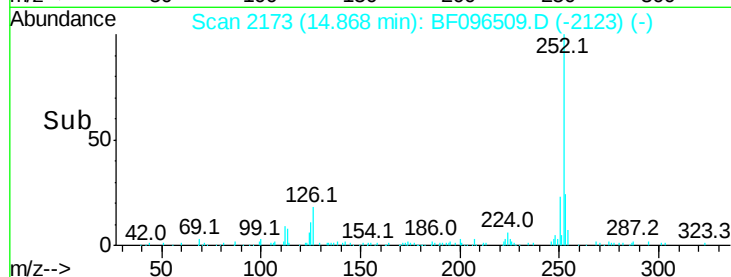
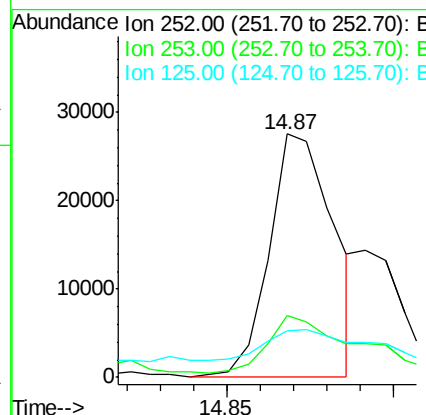
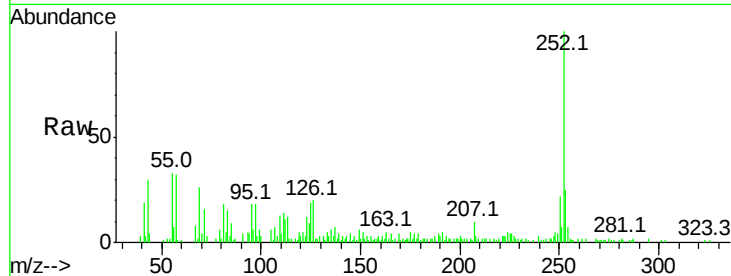




#87
 Benzo(b)fluoranthene
 Concen: 3.96 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF096509.D
 Acq: 6 Jul 2017 3:47

Instrument :
 BNA_F
 ClientSampleId :
 B7-0-2

Tot Ion:252 Resp: 37164
 Ion Ratio Lower Upper
 252 100
 253 25.4 18.1 27.1
 125 19.3 9.8 14.8#



#89
 Benzo(a)pyrene
 Concen: 2.88 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF096509.D
 Acq: 6 Jul 2017 3:47

Tgt Ion:252 Resp: 24141
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.5 26.3
 125 24.6 11.0 16.4#

