

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096510.D
 Acq On : 6 Jul 2017 4:15
 Operator : SJ/MA
 Sample : I3975-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-2-4

Quant Time: Jul 06 06:24:39 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

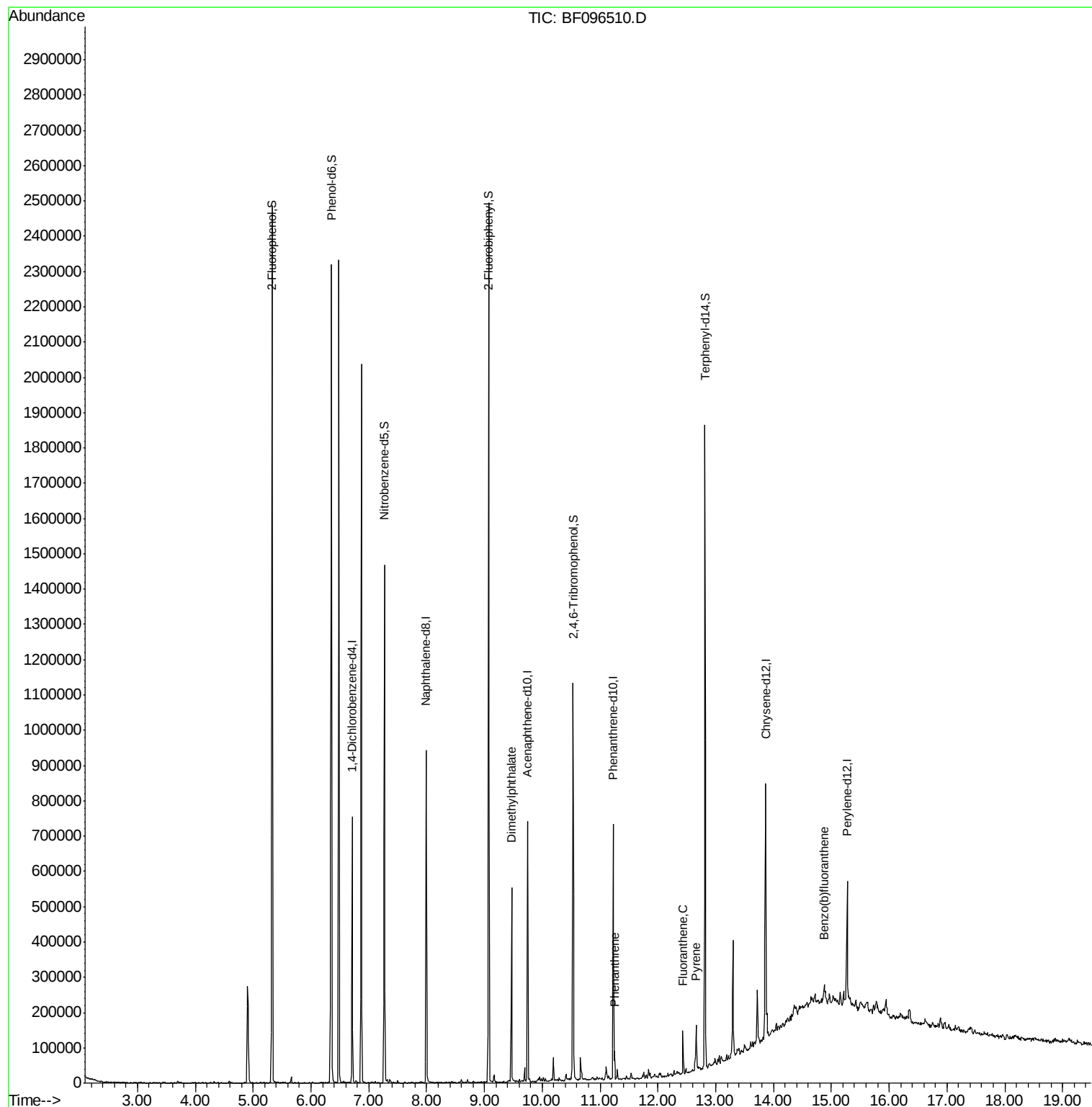
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111756	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421821	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	153132	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	237327	20.00	ng	0.00
75) Chrysene-d12	13.86	240	222914	20.00	ng	0.00
86) Perylene-d12	15.27	264	151861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	704736	93.08	ng	0.00
7) Phenol-d6	6.35	99	828747	89.03	ng	0.00
23) Nitrobenzene-d5	7.27	82	448319	63.87	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	118149	98.77	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	748360	83.56	ng	0.00
78) Terphenyl-d14	12.82	244	536090	51.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	234633	20.53	ng	98
70) Phenanthrene	11.25	178	25804	2.01	ng	98
74) Fluoranthene	12.43	202	48216	3.83	ng	99
77) Pyrene	12.66	202	49829	2.78	ng	98
87) Benzo(b)fluoranthene	14.87	252	22347m	2.35	ng	

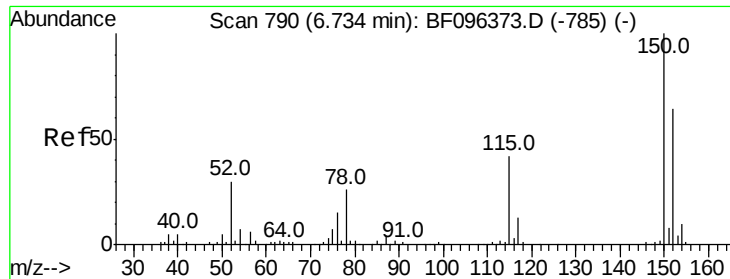
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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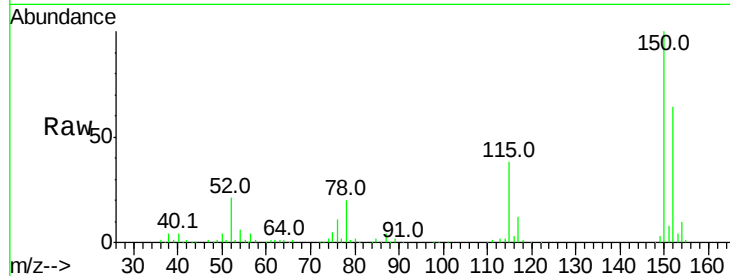


#1

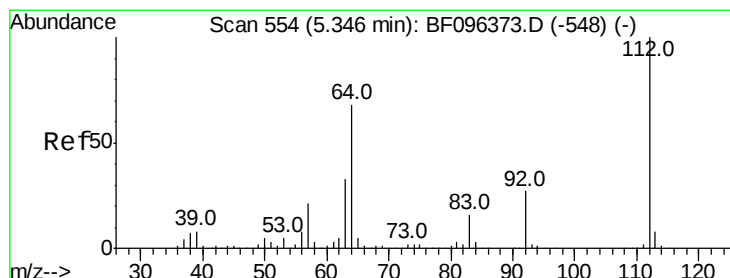
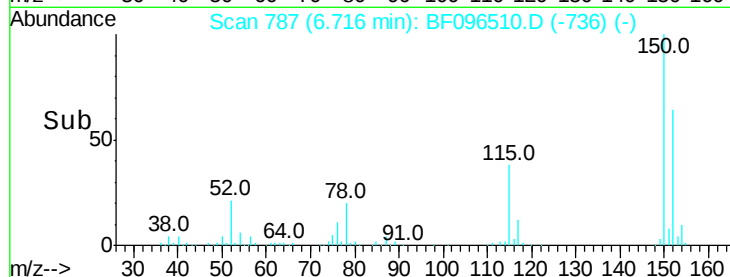
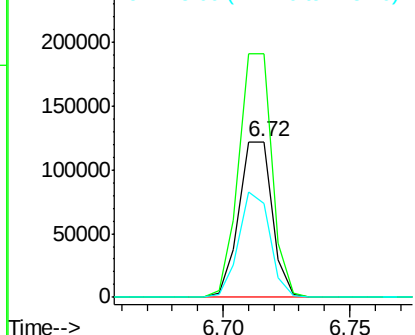
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096510.D
Acq: 6 Jul 2017 4:15

Instrument :
BNA_F
ClientSampled :
B7-2-4

Tot Ion:152 Resp: 111756
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 59.9 52.2 78.2



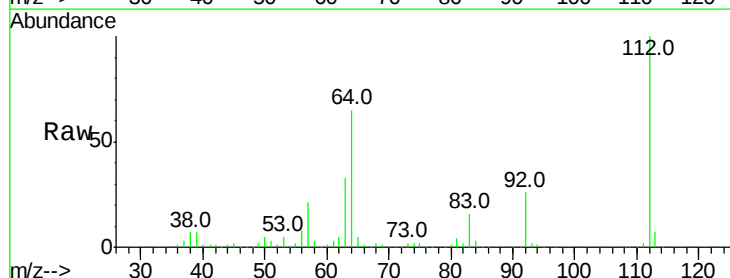
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



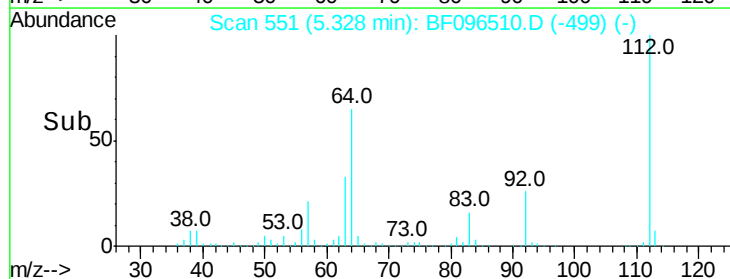
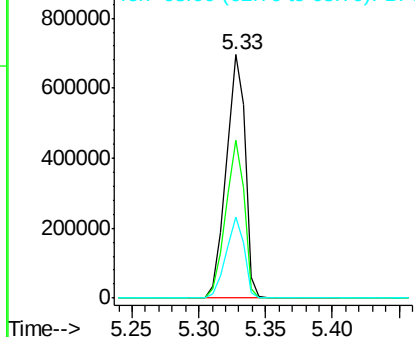
#5

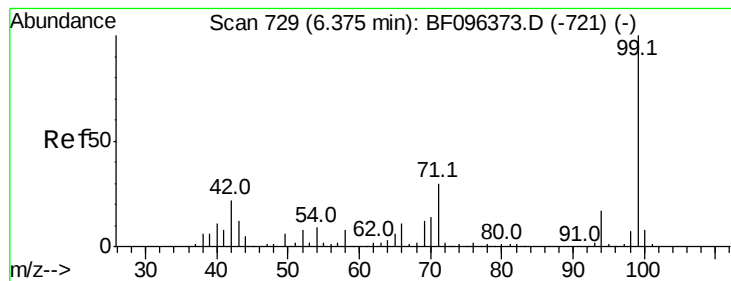
2-Fluorophenol
Concen: 93.08 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096510.D
Acq: 6 Jul 2017 4:15

Tgt Ion:112 Resp: 704736
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 33.2 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: 89.03 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096510.D

Acq: 6 Jul 2017 4:15

Instrument :

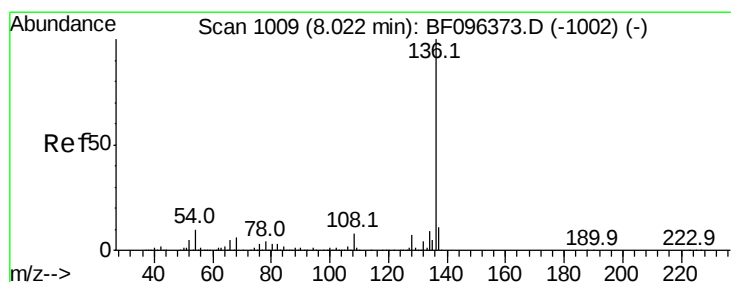
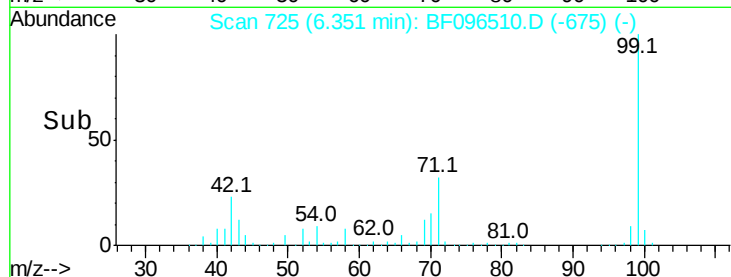
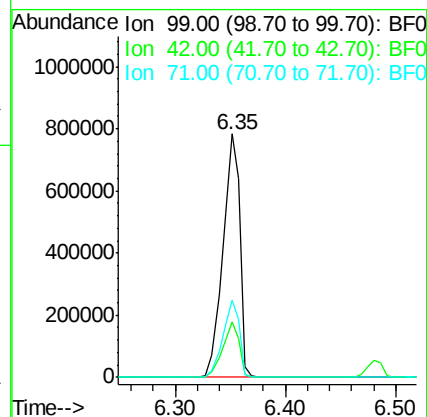
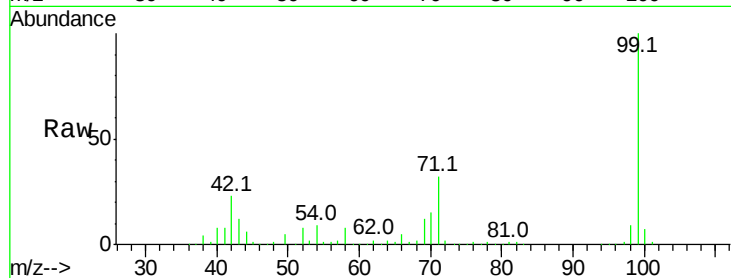
BNA_F

ClientSampleId :

B7-2-4

Tot Ion: 99 Resp: 828747

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	31.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

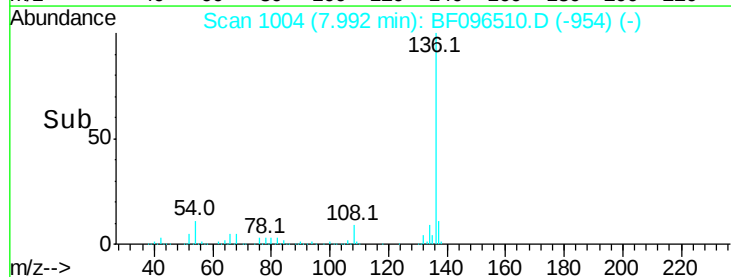
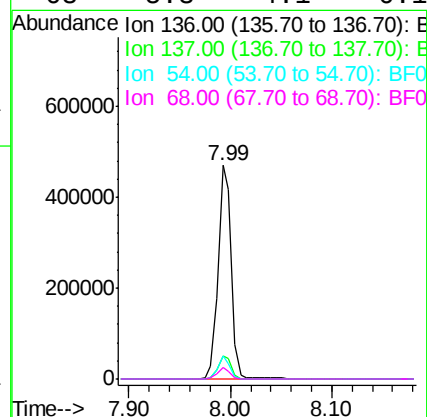
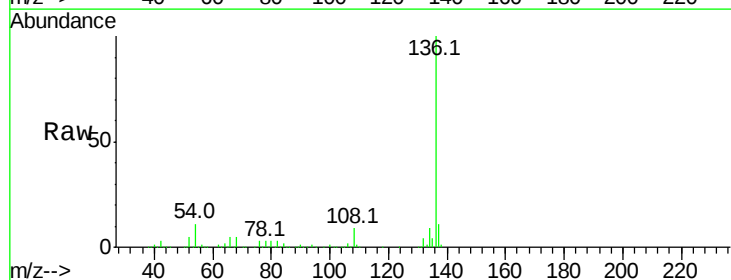
Delta R.T. -0.01 min

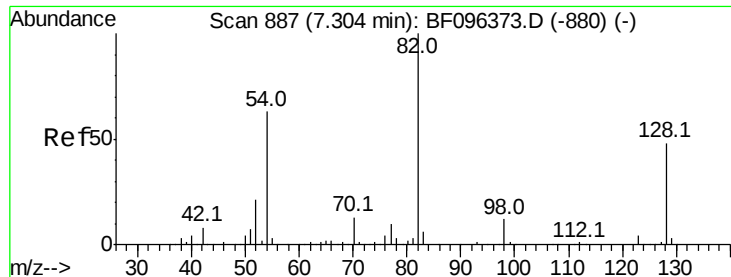
Lab File: BF096510.D

Acq: 6 Jul 2017 4:15

Tgt Ion: 136 Resp: 421821

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	5.3	4.1	6.1

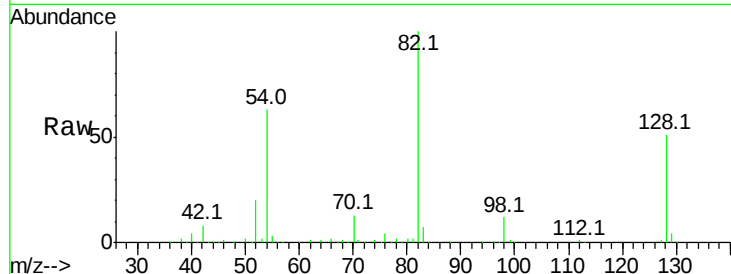




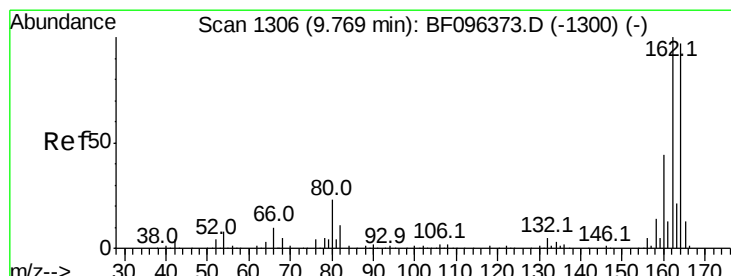
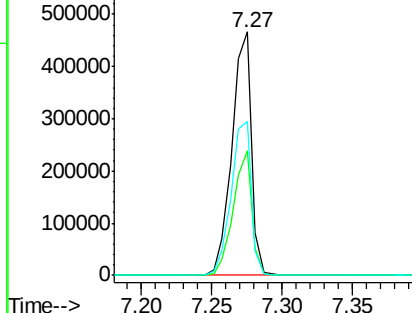
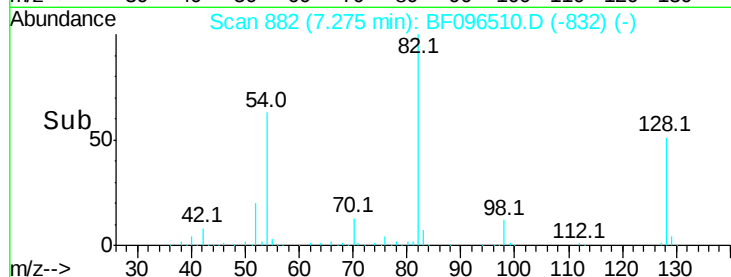
#23
 Nitrobenzene-d5
 Concen: 63.87 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

Instrument :
 BNA_F
 ClientSampleID :
 B7-2-4

Tot Ion: 82 Resp: 448319
 Ion Ratio Lower Upper
 82 100
 128 51.2 34.0 51.0#
 54 63.3 42.2 63.2#

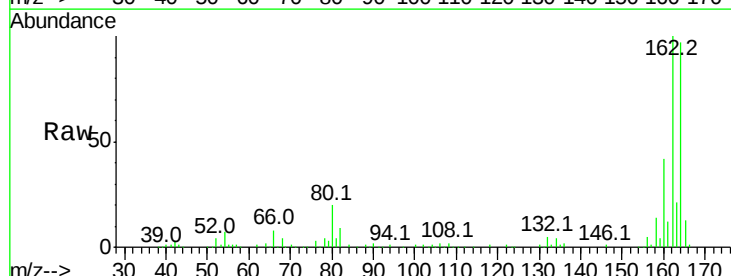


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

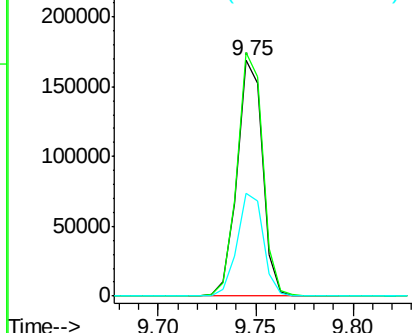
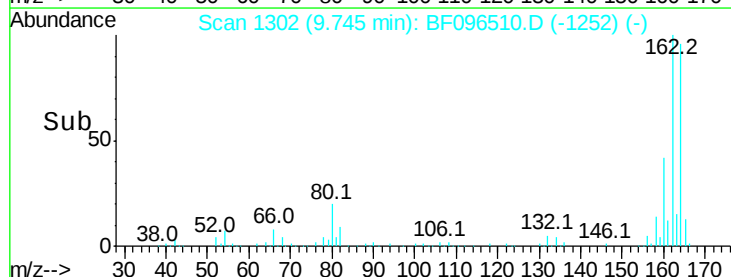


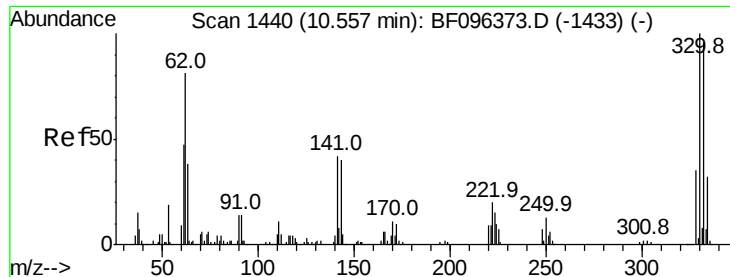
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

Tgt Ion:164 Resp: 153132
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 43.6 36.2 54.2



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

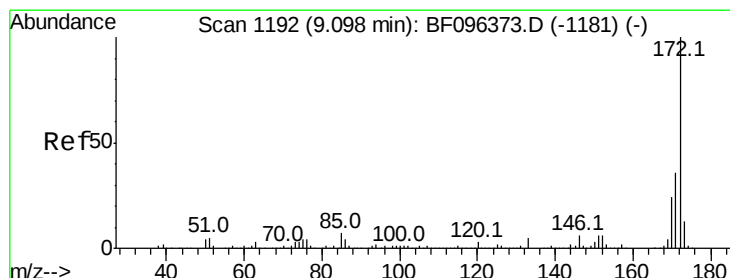
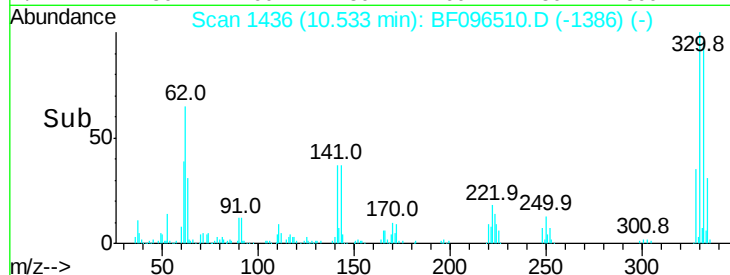
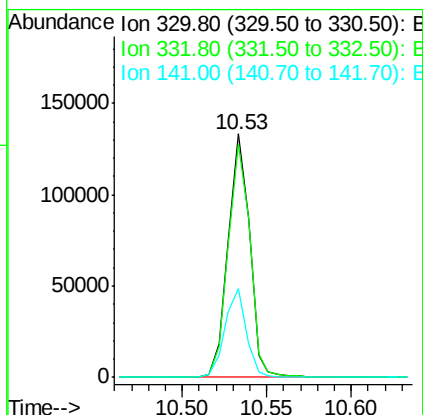
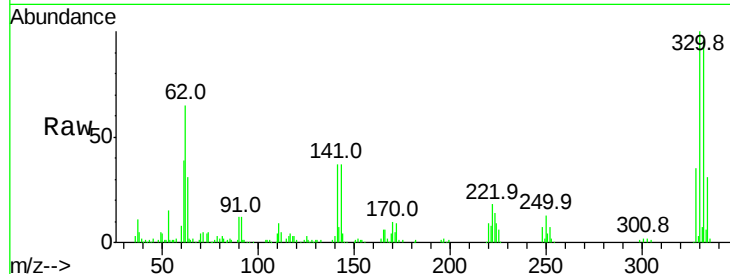




#41
 2,4,6-Tribromophenol
 Concen: 98.77 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

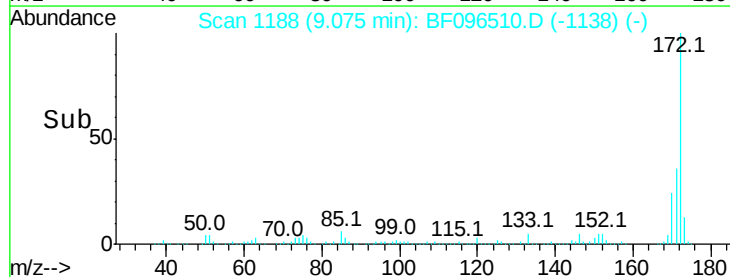
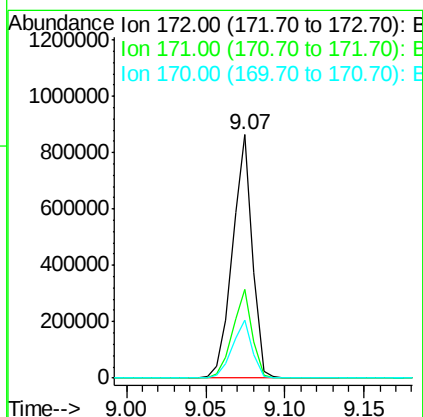
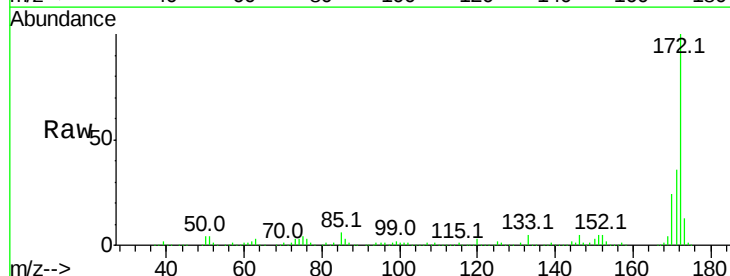
Instrument :
 BNA_F
 ClientSampleId :
 B7-2-4

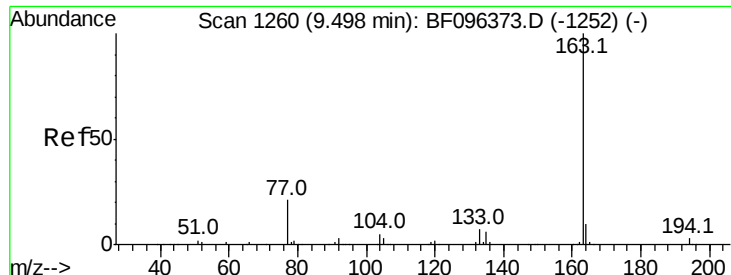
Tot Ion:330 Resp: 118149
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 36.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.56 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

Tgt Ion:172 Resp: 748360
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 19.8 29.8

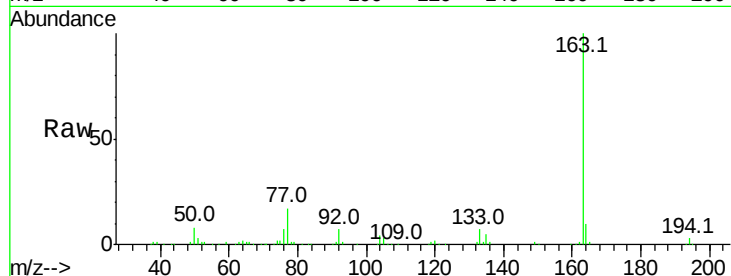




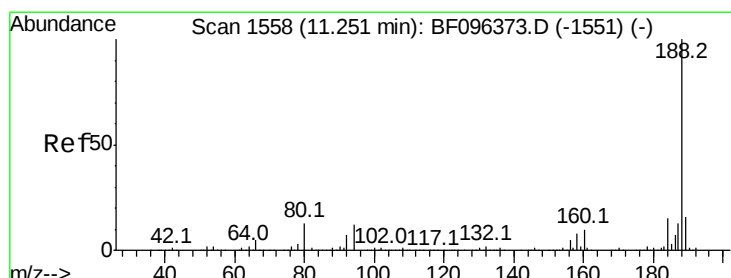
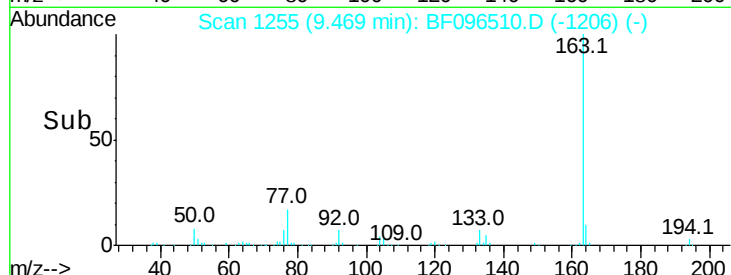
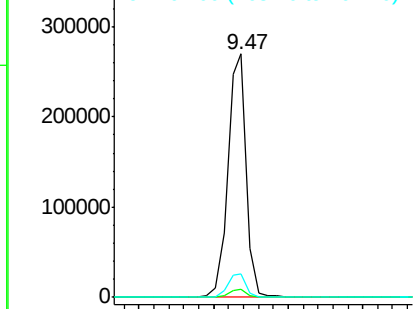
#49
Dimethylphthalate
Concen: 20.53 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096510.D
Acq: 6 Jul 2017 4:15

Instrument :
BNA_F
ClientSampleId :
B7-2-4

Tot Ion:163 Resp: 234633
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.8 8.4 12.6

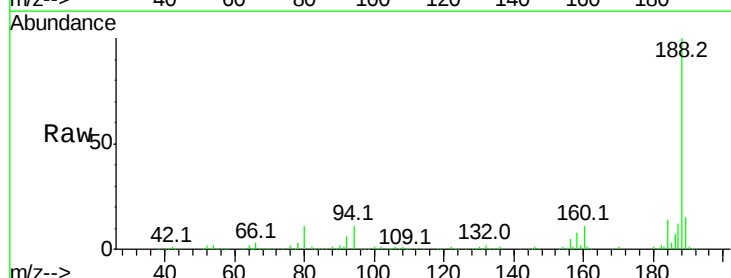


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

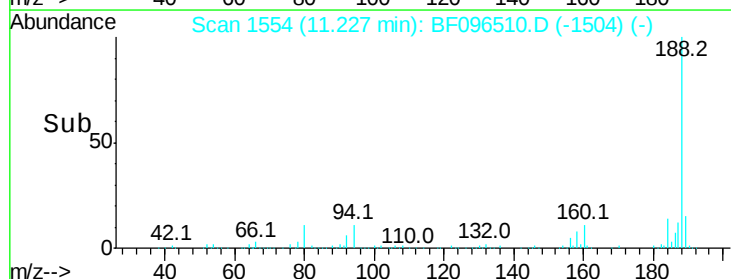
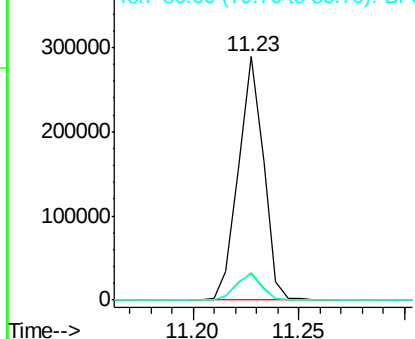


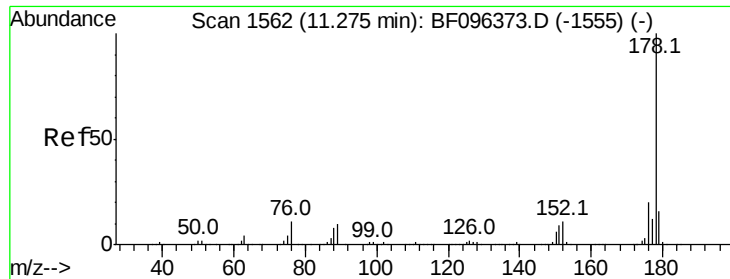
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096510.D
Acq: 6 Jul 2017 4:15

Tgt Ion:188 Resp: 237327
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 10.8 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: 2.01 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096510.D

Acq: 6 Jul 2017 4:15

Instrument :

BNA_F

ClientSampleId :

B7-2-4

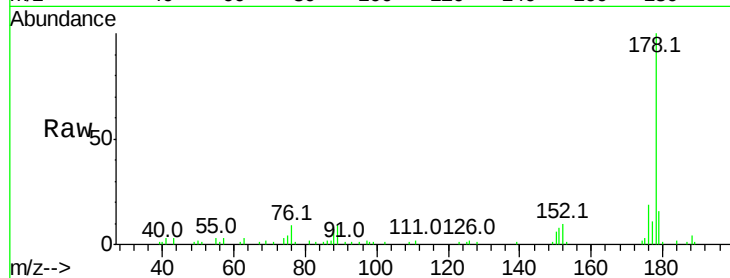
Tot Ion:178 Resp: 25804

Ion Ratio Lower Upper

178 100

176 18.9 16.2 24.4

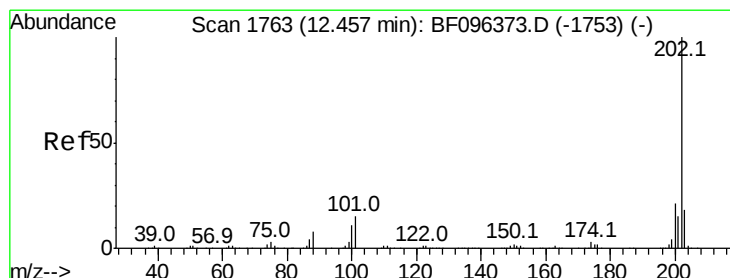
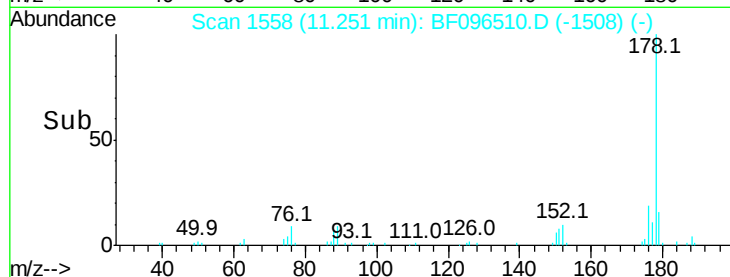
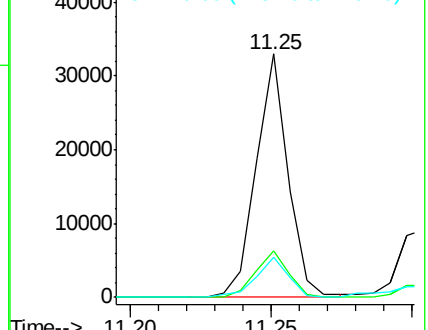
179 16.4 12.6 19.0



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: 3.83 ng

RT: 12.43 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BF096510.D

Acq: 6 Jul 2017 4:15

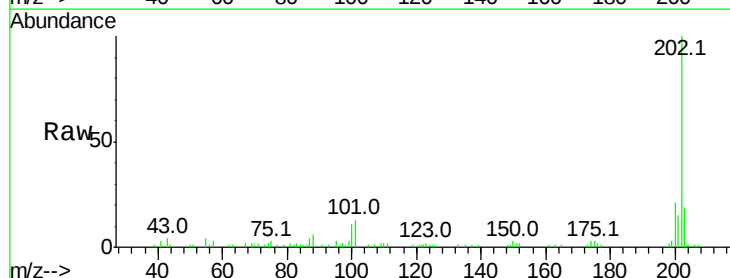
Tgt Ion:202 Resp: 48216

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

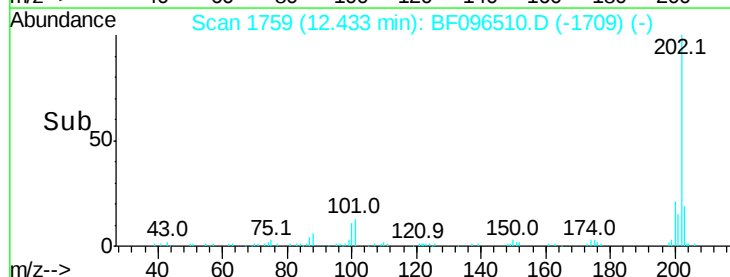
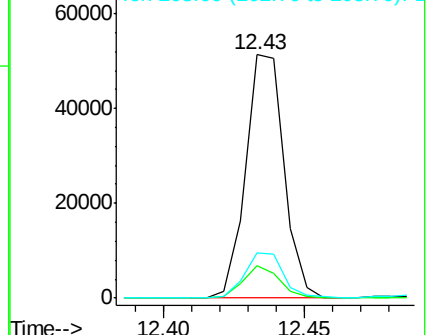
203 18.8 0.0 38.1

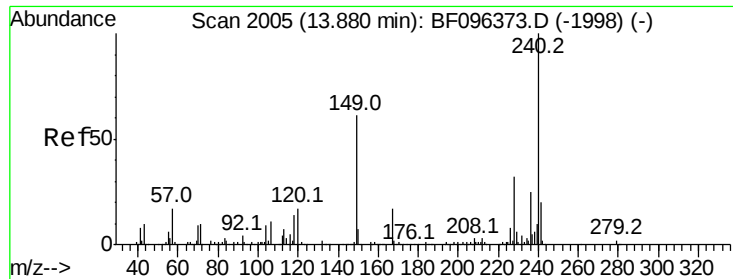


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF096510.D

Acq: 6 Jul 2017 4:15

Instrument :

BNA_F

ClientSampleId :

B7-2-4

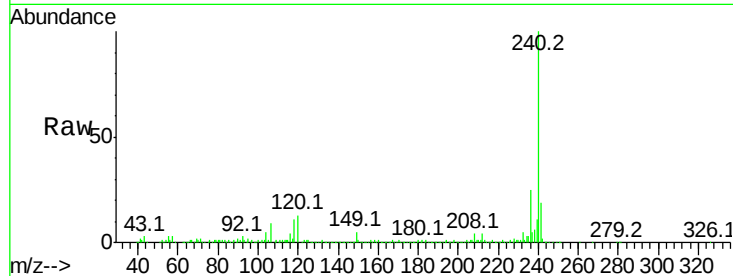
Tot Ion:240 Resp: 222914

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

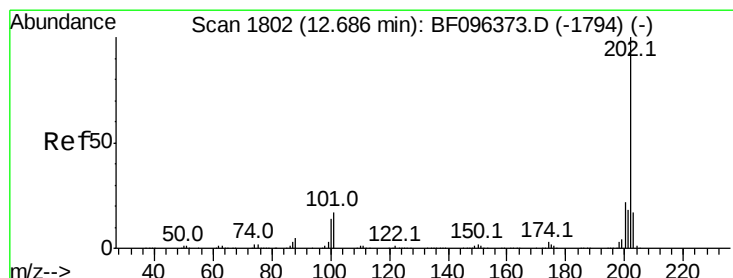
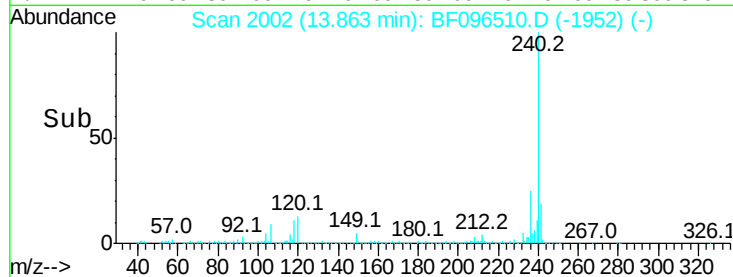
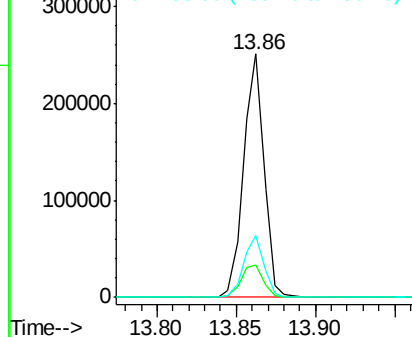
236 25.2 20.5 30.7



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: 2.78 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096510.D

Acq: 6 Jul 2017 4:15

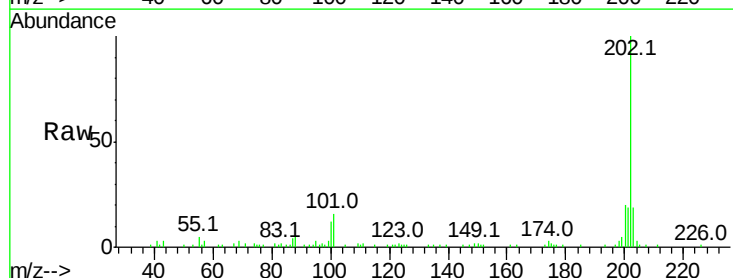
Tgt Ion:202 Resp: 49829

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

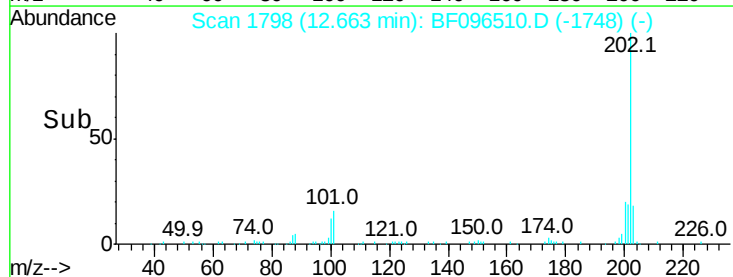
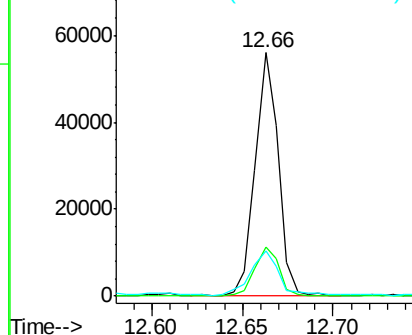
203 18.6 14.4 21.6

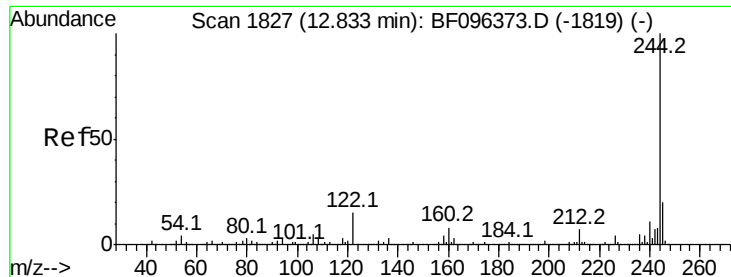


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

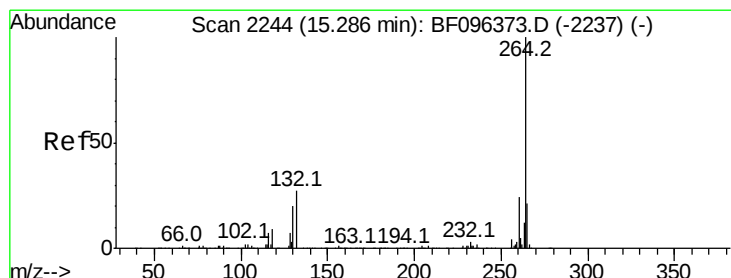
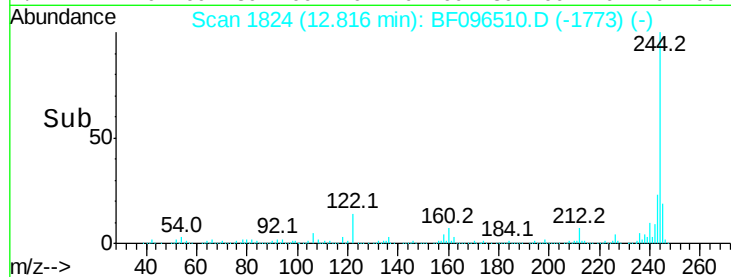
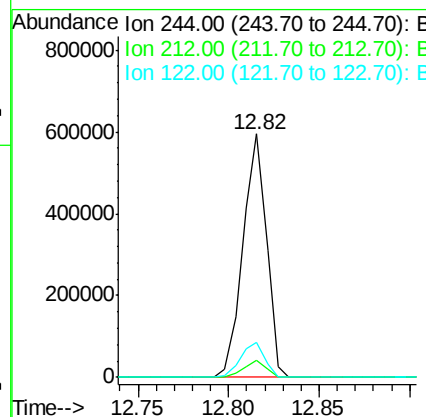
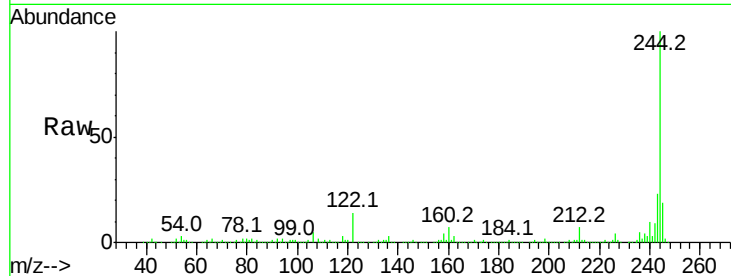




#78
 Terphenyl-d14
 Concen: 51.39 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

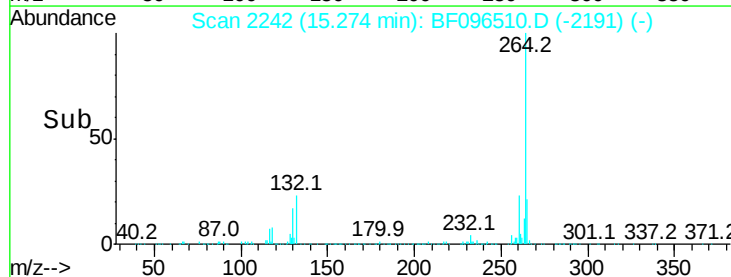
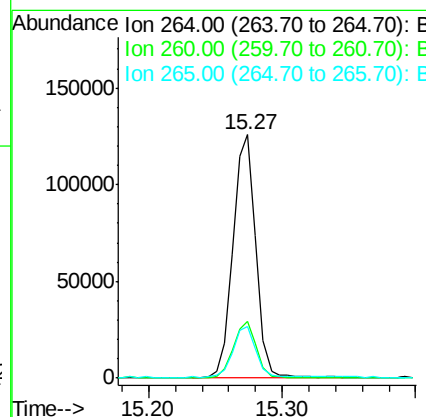
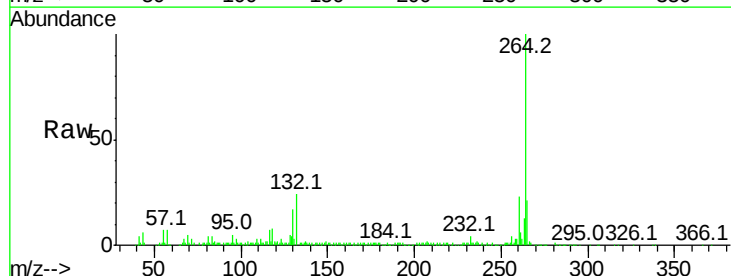
Instrument :
 BNA_F
 ClientSampleId :
 B7-2-4

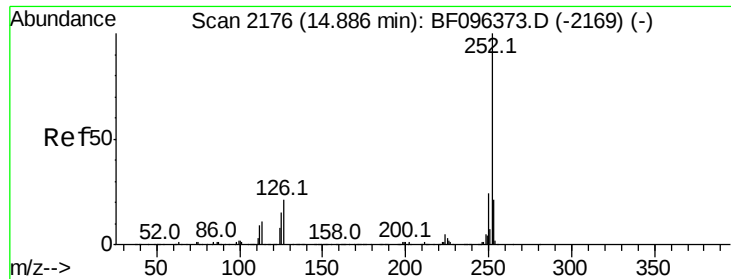
Tot Ion:244 Resp: 536090
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

Tgt Ion:264 Resp: 151861
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.2 17.2 25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.35 ng m
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF096510.D
 Acq: 6 Jul 2017 4:15

Instrument :
 BNA_F
 ClientSampleId :
 B7-2-4

Tot Ion: 252 Resp: 22347
 Ion Ratio Lower Upper
 252 100
 253 25.8 18.1 27.1
 125 33.9 9.8 14.8#

