

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096029.D
 Acq On : 20 Jun 2017 5:46
 Operator : SJ/MA
 Sample : I3688-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 07:17:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

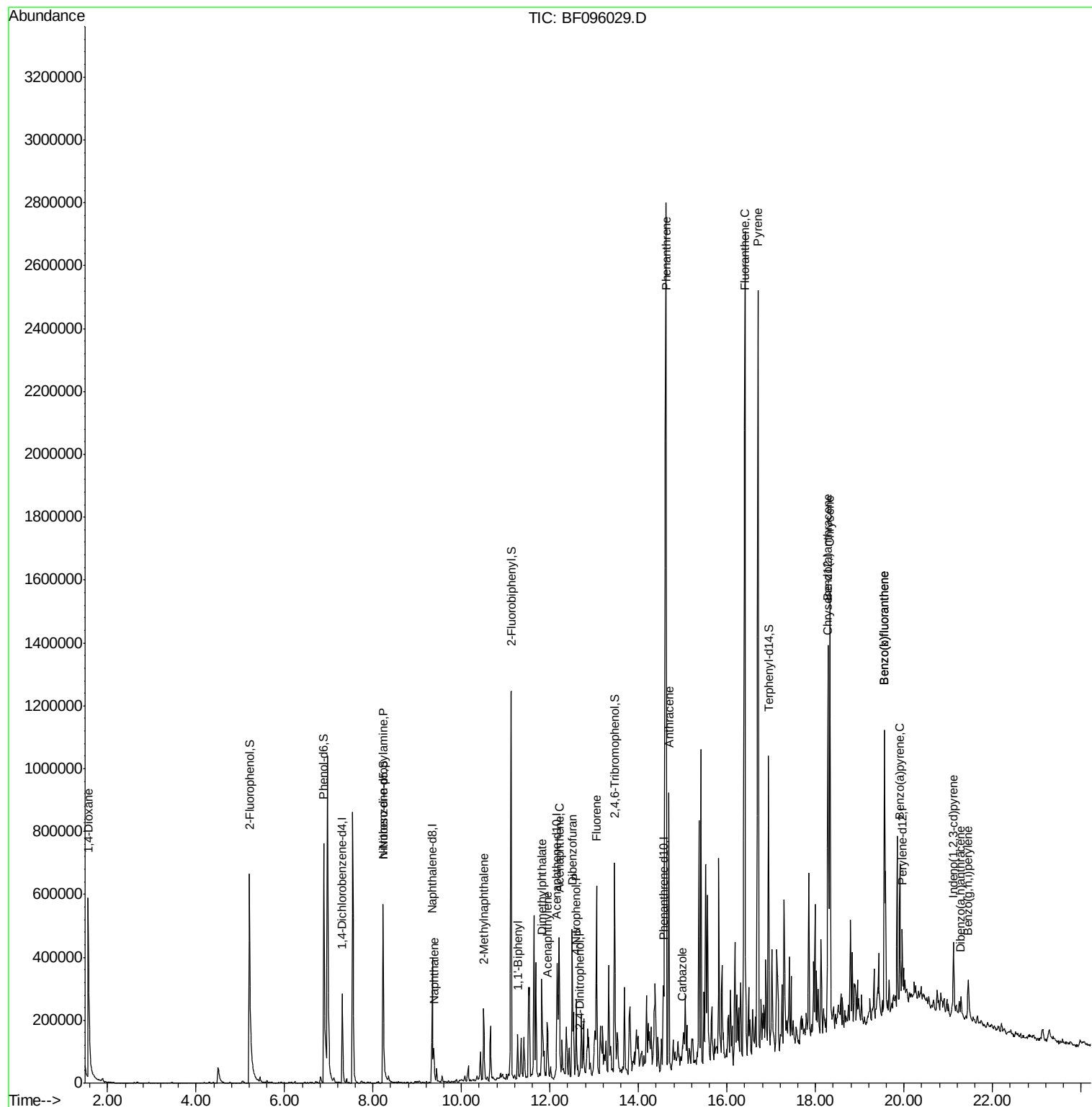
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	67661	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	255442	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	100624	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	148987	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	120517	20.00	ng	0.00
86) Perylene-d12	19.96	264	96693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	463508	109.16	ng	-0.01
7) Phenol-d6	6.89	99	571107	112.35	ng	-0.02
23) Nitrobenzene-d5	8.23	82	316140	76.86	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	73767	82.86	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	538402	74.46	ng	-0.02
78) Terphenyl-d14	16.94	244	344269	70.89	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.56	88	30752	15.22	ng	# 21
19) n-Nitroso-di-n-propylamine	8.23	70	39415	12.24	ng	# 78
31) Naphthalene	9.37	128	83801	6.54	ng	99
37) 2-Methylnaphthalene	10.50	142	94855	10.95	ng	97
45) 1,1'-Biphenyl	11.27	154	58579	7.06	ng	95
48) Acenaphthylene	11.93	152	78043	7.04	ng	98
49) Dimethylphthalate	11.82	163	77439	10.14	ng	97
51) Acenaphthene	12.21	154	99738	15.59	ng	99
53) 2,4-Dinitrophenol	12.66	184	137	6.61	ng	# 4
54) Dibenzofuran	12.50	168	235095	26.10	ng	97
55) 4-Nitrophenol	12.59	139	4819	8.63	ng	# 56
57) Fluorene	13.05	166	179818	22.94	ng	# 95
70) Phenanthrene	14.62	178	2236823	260.21	ng	98
71) Anthracene	14.69	178	451804	50.34	ng	98
72) Carbazole	14.99	167	39133	4.47	ng	97
74) Fluoranthene	16.40	202	2016069	236.95	ng	99
77) Pyrene	16.71	202	1567880	174.36	ng	99
80) Benzo(a)anthracene	18.28	228	586009	83.63	ng	98
82) Chrysene	18.33	228	649240	92.72	ng	99
85) Indeno(1,2,3-cd)pyrene	21.12	276	116352	19.42	ng	92
87) Benzo(b)fluoranthene	19.56	252	644671	106.48	ng	# 97
88) Benzo(k)fluoranthene	19.56	252	644671	111.40	ng	97
89) Benzo(a)pyrene	19.90	252	191308	34.38	ng	98
90) Dibenzo(a,h)anthracene	21.29	278	37634	7.97	ng	98
91) Benzo(g,h,i)perylene	21.45	276	92932	19.31	ng	99

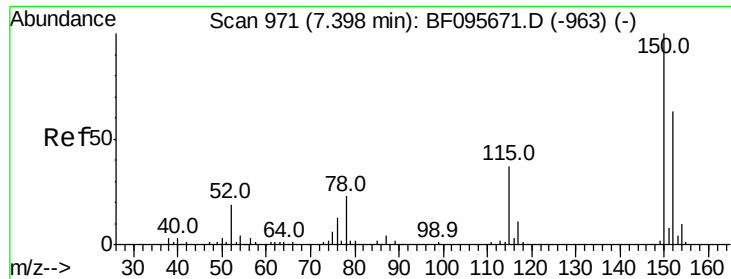
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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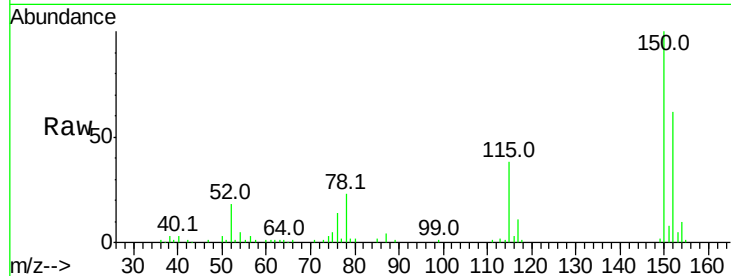


#1

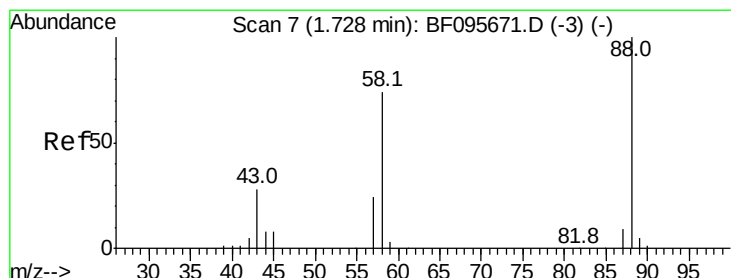
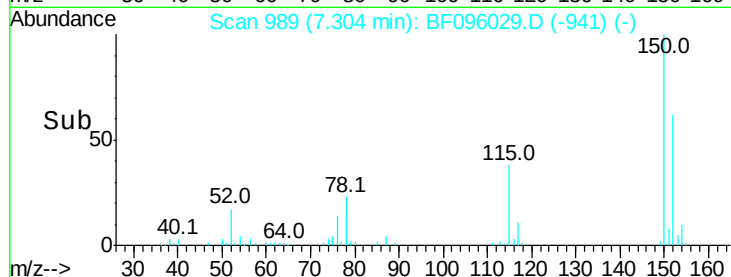
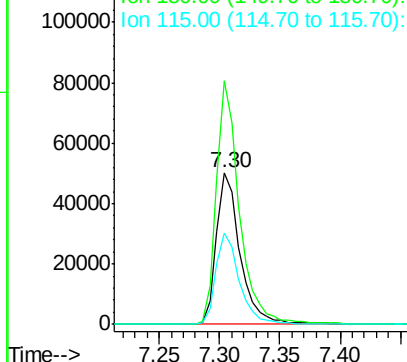
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67661
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 60.3 52.2 78.2



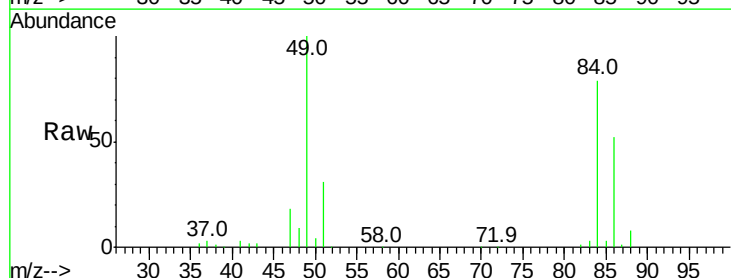
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



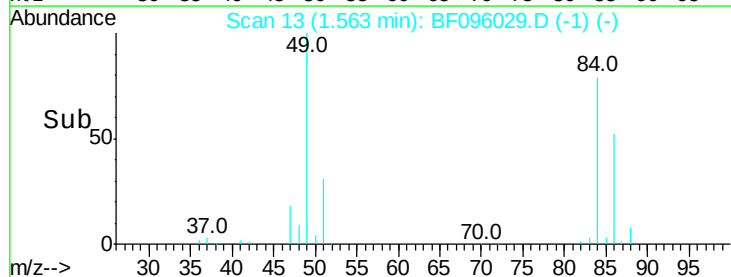
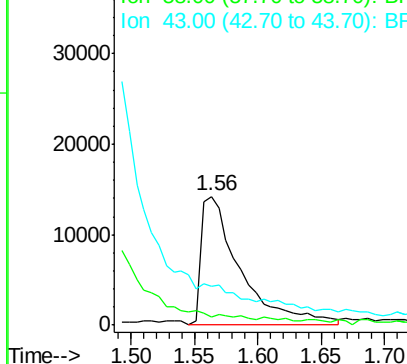
#2

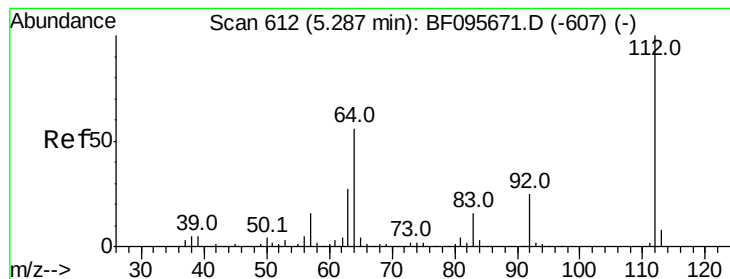
1,4-Dioxane
Concen: 15.22 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Tgt Ion: 88 Resp: 30752
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 109.16 ng

RT: 5.20 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Instrument :

BNA_F

ClientSampled :

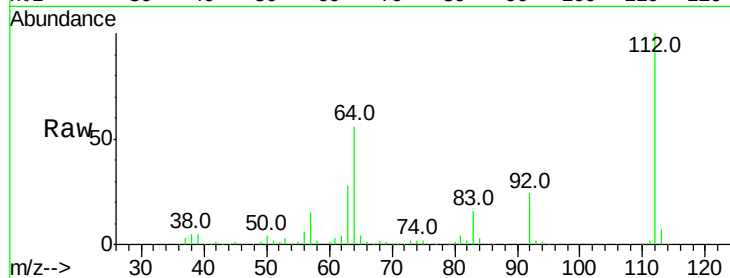
Tot Ion:112 Resp: 463508

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

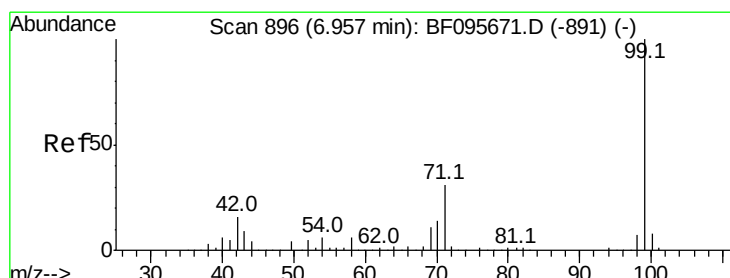
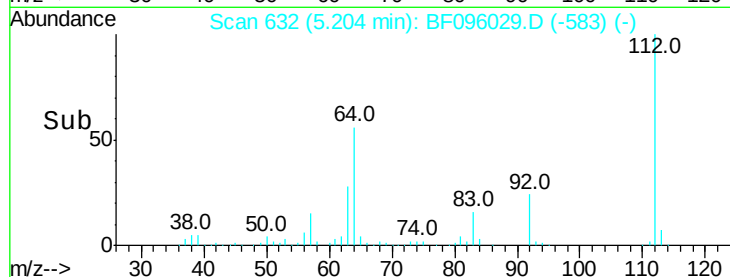
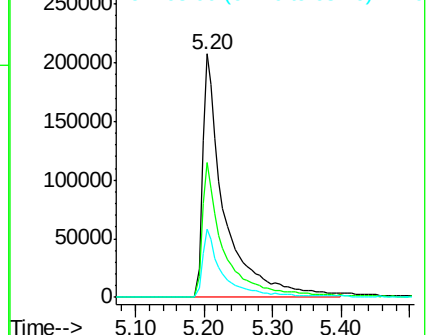
63 27.8 23.4 35.0



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: 112.35 ng

RT: 6.89 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

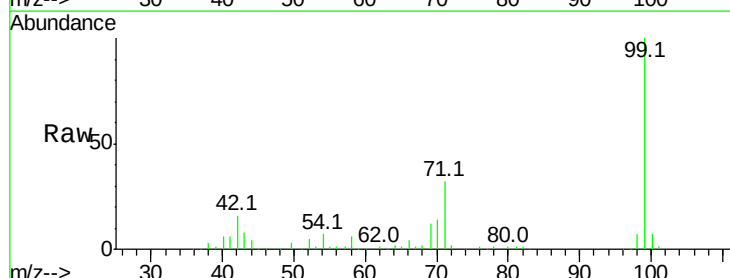
Tgt Ion: 99 Resp: 571107

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

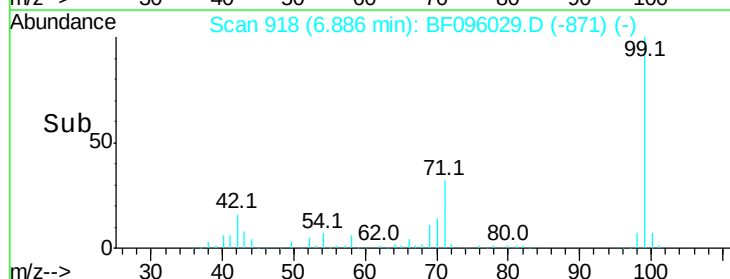
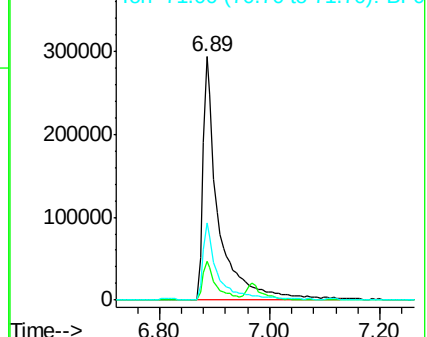
71 31.6 24.5 36.7

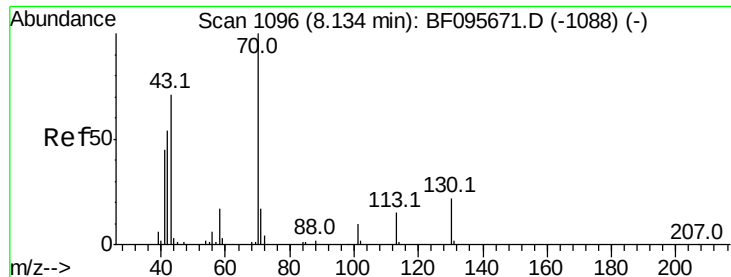


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.24 ng

RT: 8.23 min Scan# 1146

Delta R.T. 0.16 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 39415

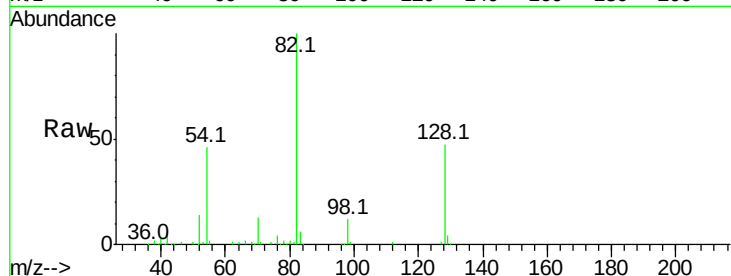
Ion Ratio Lower Upper

70 100

42 46.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

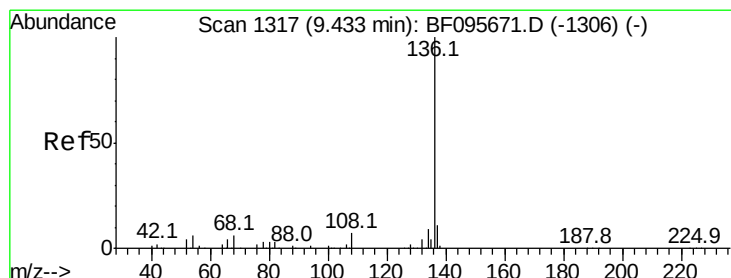
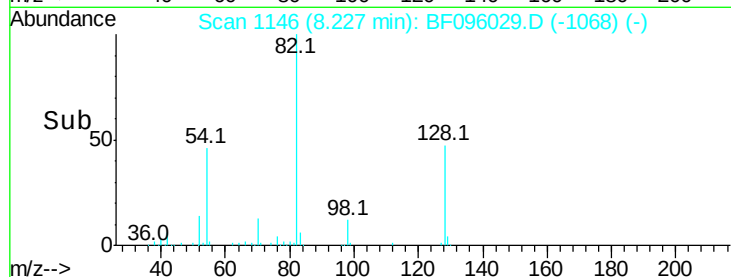
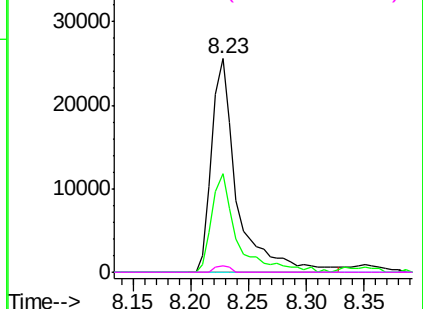


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Tgt Ion: 136 Resp: 255442

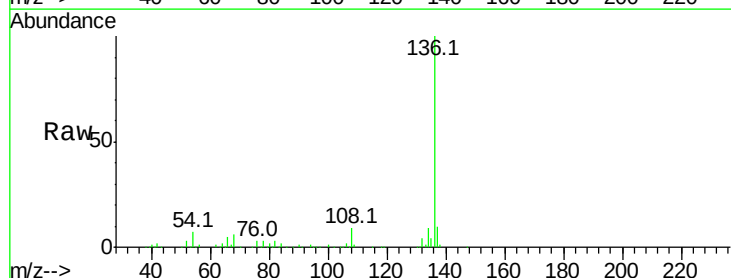
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

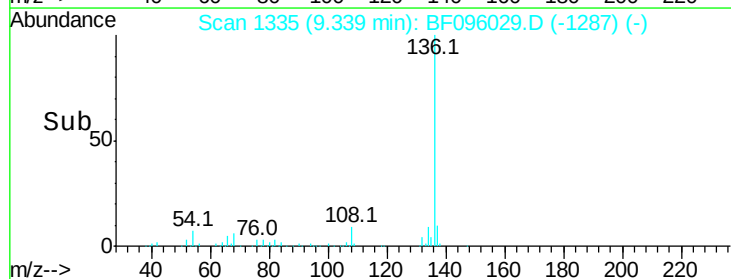
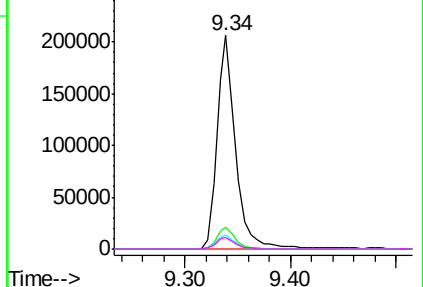


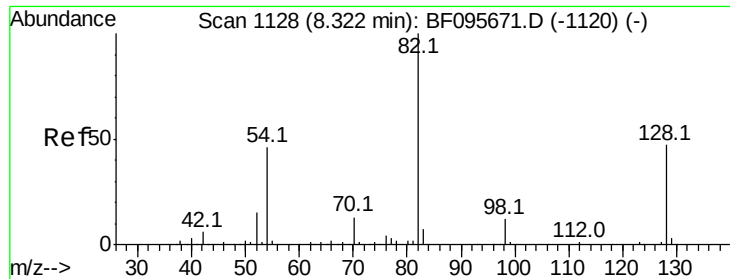
Abundance Ion 136.00 (135.70 to 136.70): E

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

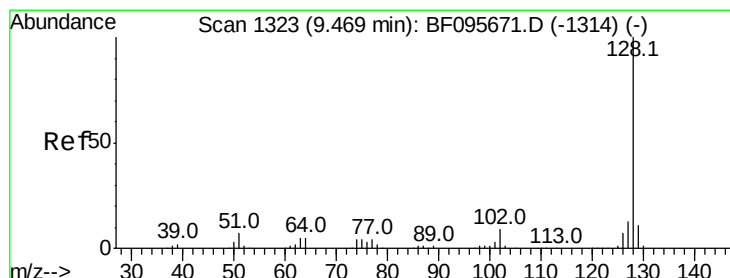
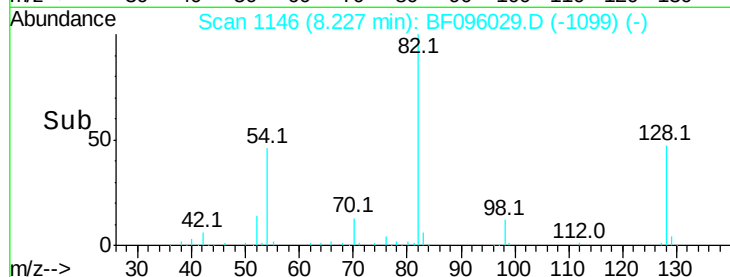
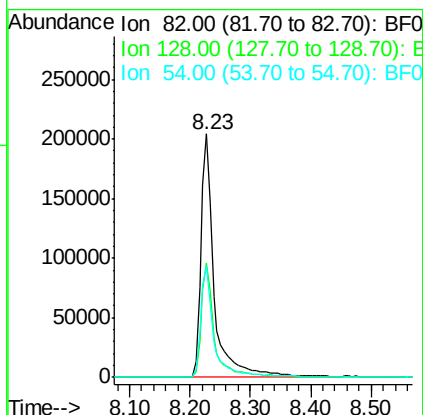
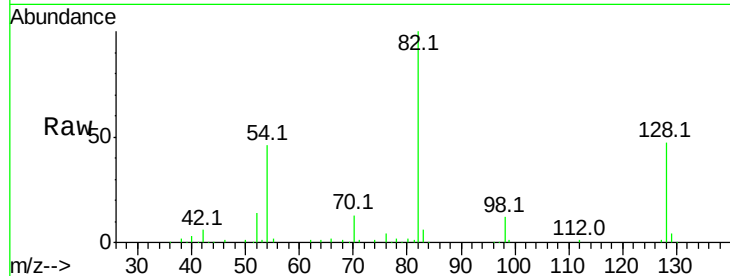




#23
 Nitrobenzene-d5
 Concen: 76.86 ng
 RT: 8.23 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

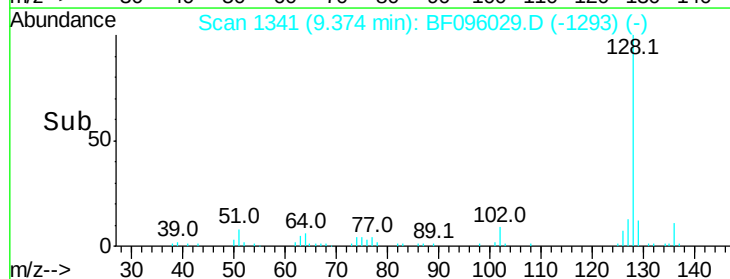
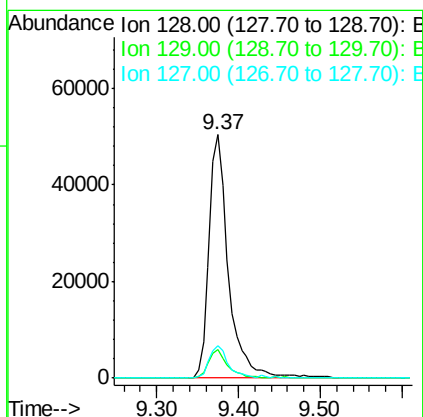
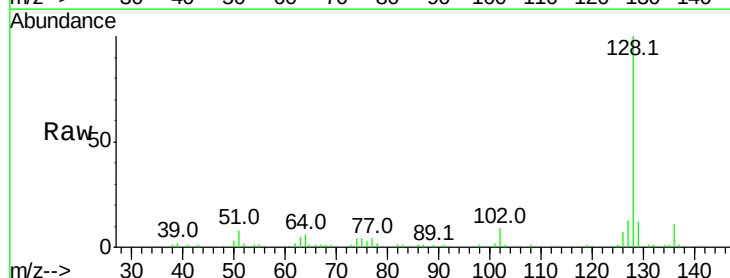
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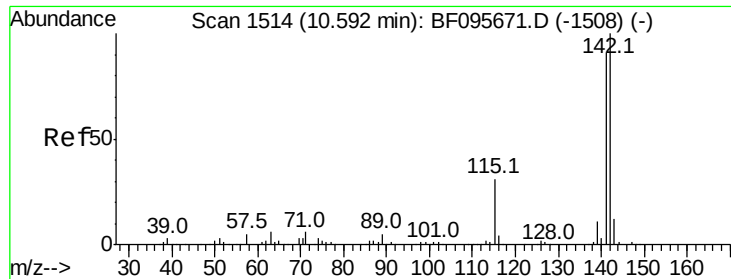
Tot Ion: 82 Resp: 316140
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 45.9 42.2 63.2



#31
 Naphthalene
 Concen: 6.54 ng
 RT: 9.37 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Tgt Ion:128 Resp: 83801
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.6
 127 13.1 10.8 16.2

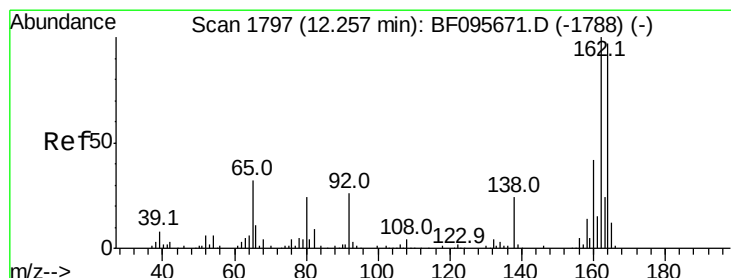
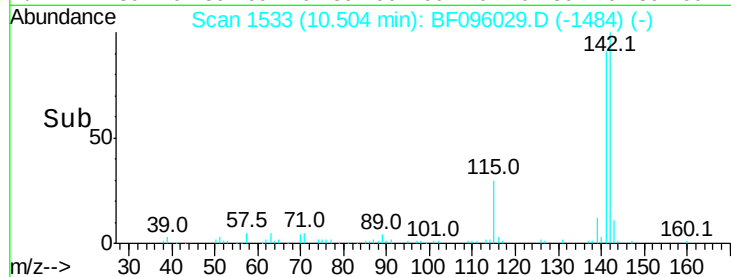
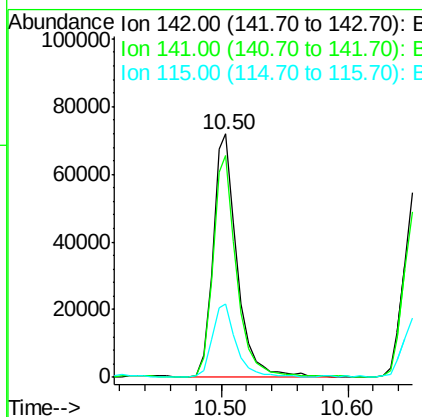
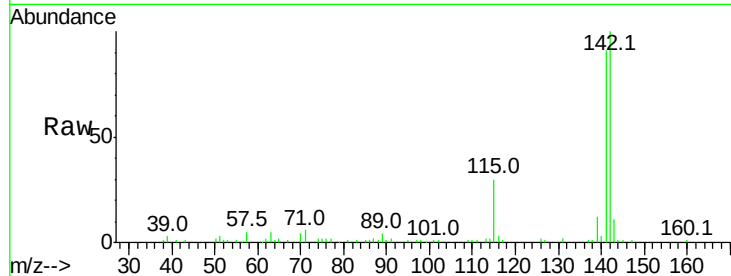




#37
 2-Methylnaphthalene
 Concen: 10.95 ng
 RT: 10.50 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

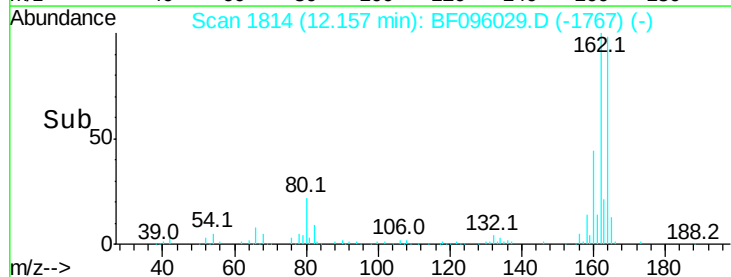
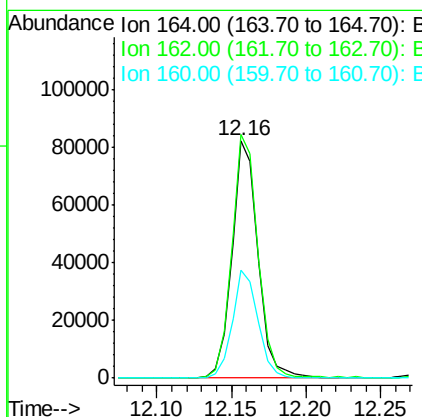
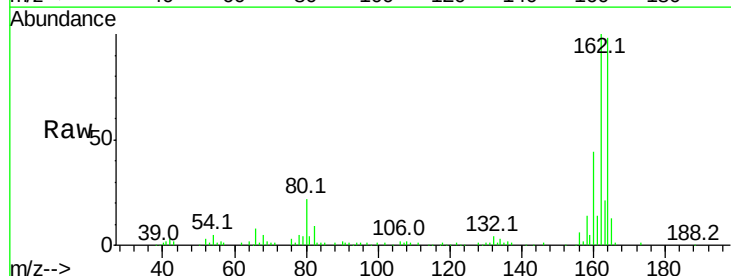
Instrument :
 BNA_F
 ClientSampleId :

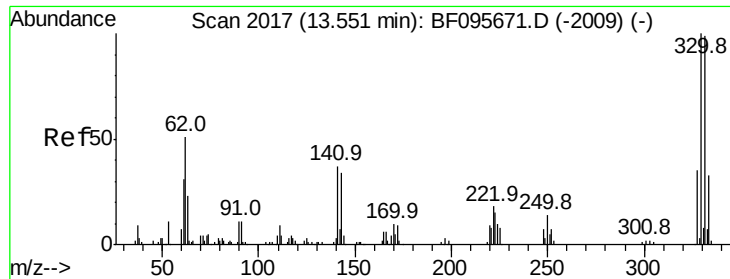
Tot Ion:142 Resp: 94855
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.3 106.9
 115 30.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Tgt Ion:164 Resp: 100624
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.4 36.2 54.2

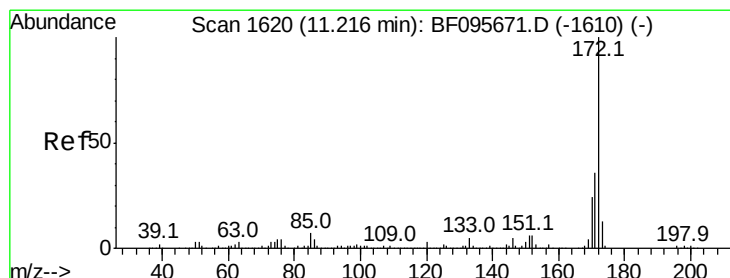
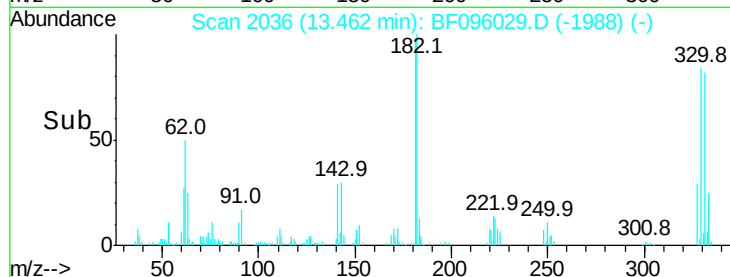
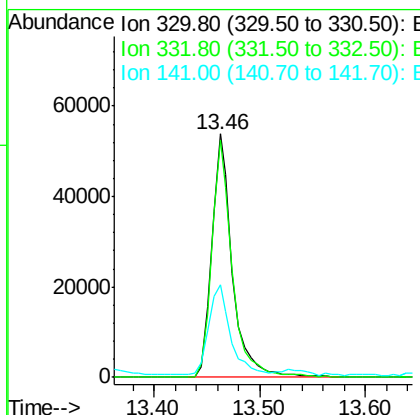
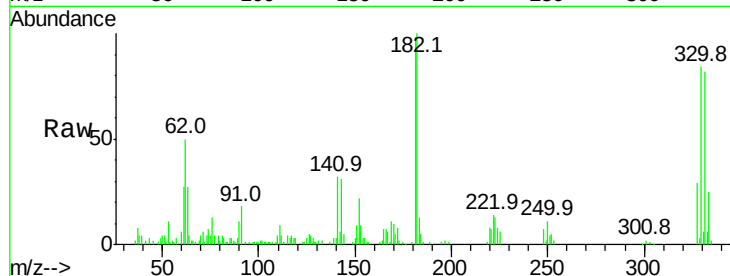




#41
 2,4,6-Tribromophenol
 Concen: 82.86 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

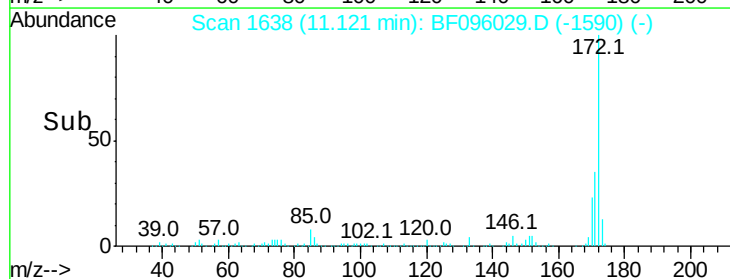
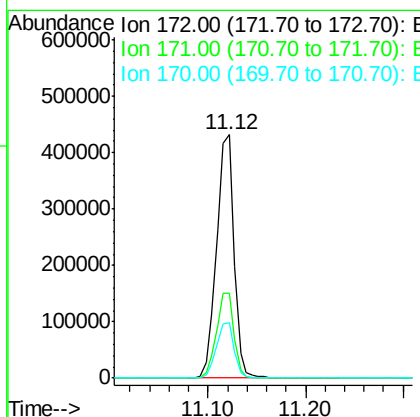
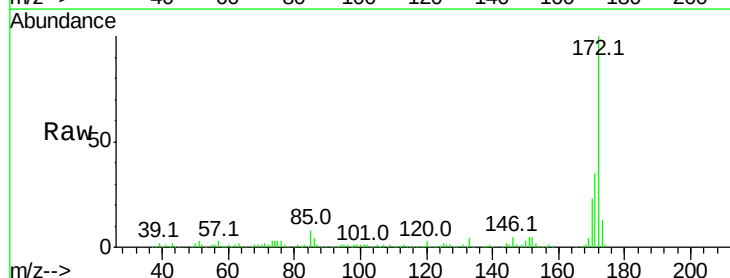
Instrument :
 BNA_F
 ClientSampleId :

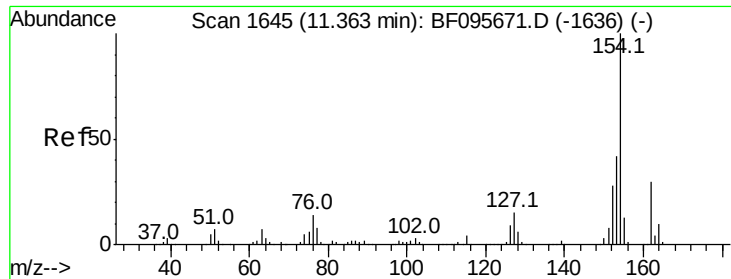
Tot Ion:330 Resp: 73767
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 74.46 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Tgt Ion:172 Resp: 538402
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 22.8 19.8 29.8





#45

1,1'-Biphenyl

Concen: 7.06 ng

RT: 11.27 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

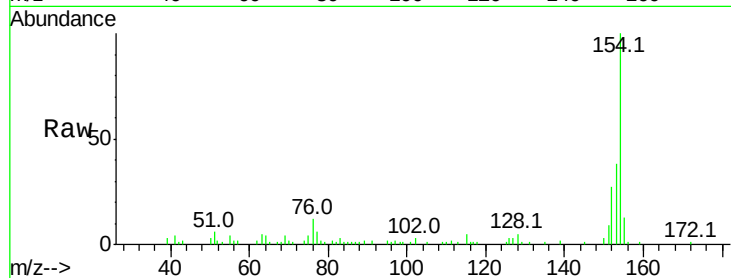
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 58579

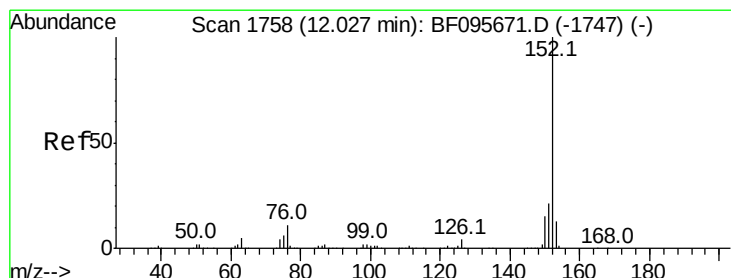
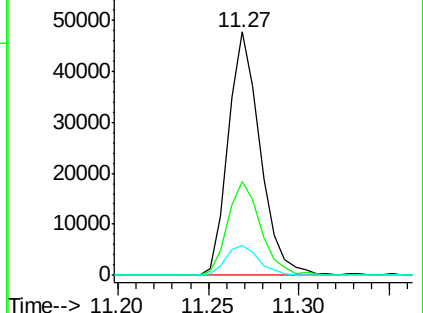
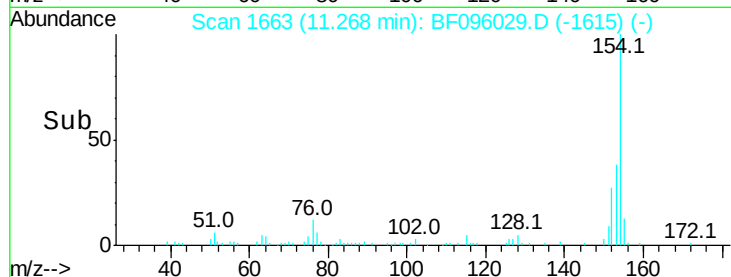
Ion	Ratio	Lower	Upper
154	100		
153	38.4	21.2	61.2
76	12.3	0.0	29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 7.04 ng

RT: 11.93 min Scan# 1776

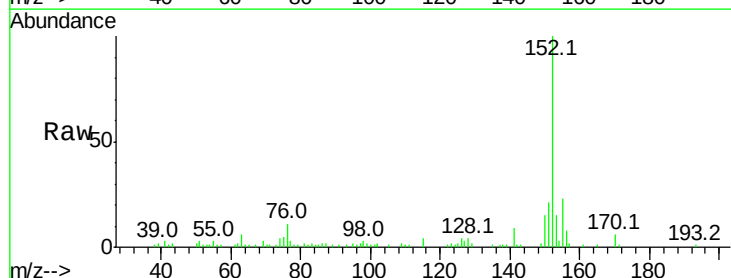
Delta R.T. -0.02 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Tgt Ion:152 Resp: 78043

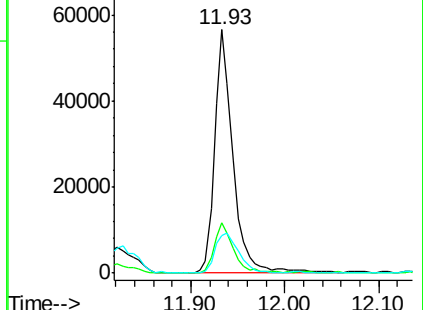
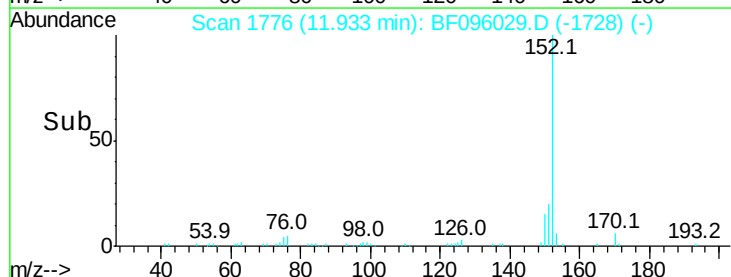
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	15.4	10.8	16.2

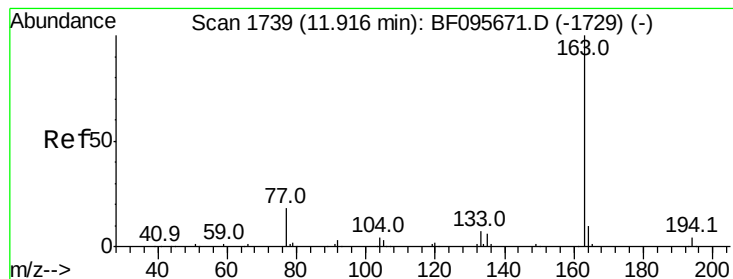


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 10.14 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Instrument :

BNA_F

ClientSampled :

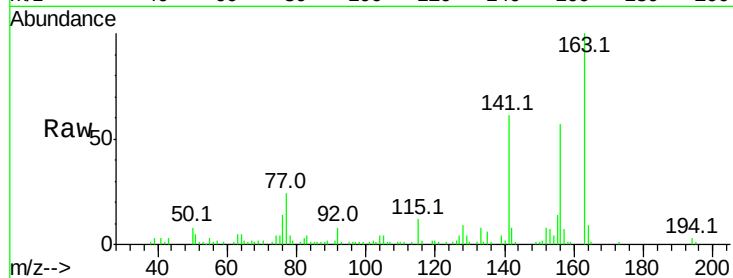
Tot Ion:163 Resp: 77439

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

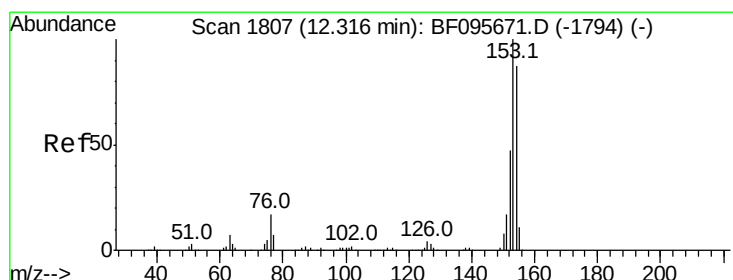
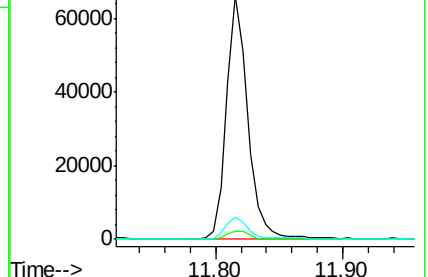
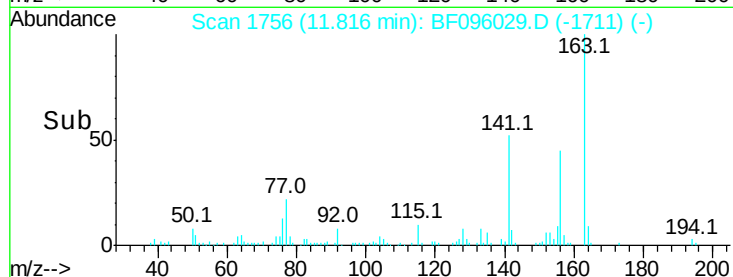
164 9.2 8.4 12.6



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



#51

Acenaphthene

Concen: 15.59 ng

RT: 12.21 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

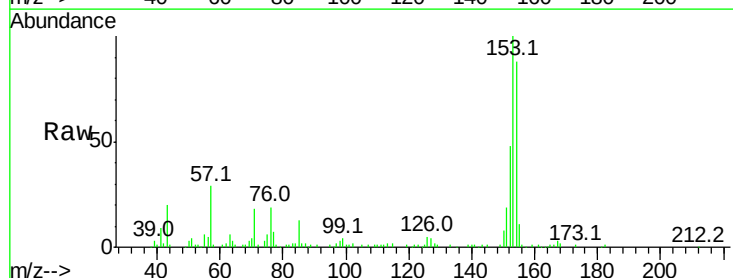
Tgt Ion:154 Resp: 99738

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

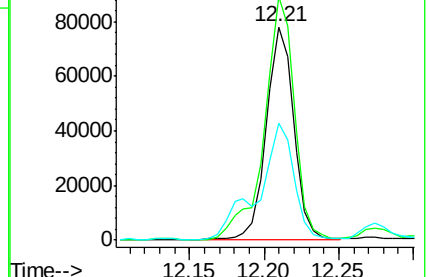
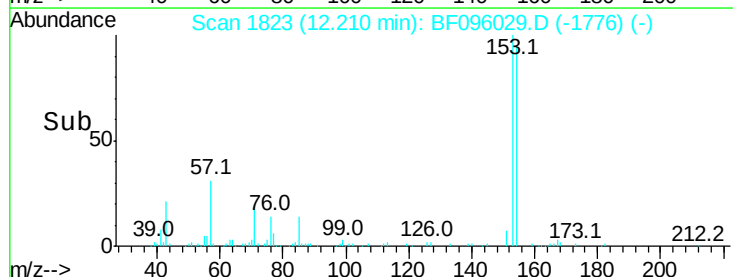
152 54.8 43.6 65.4

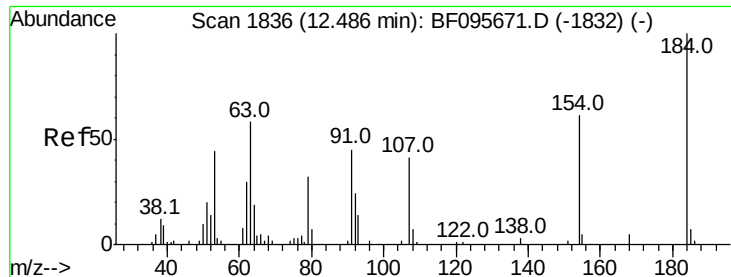


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

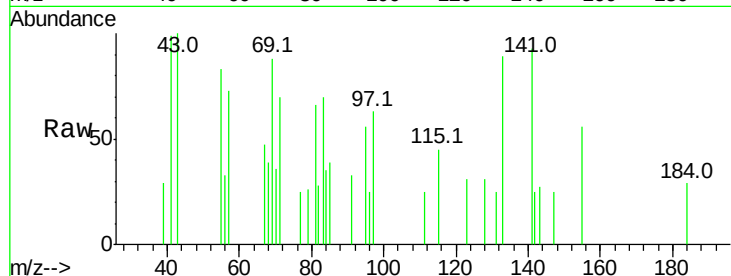




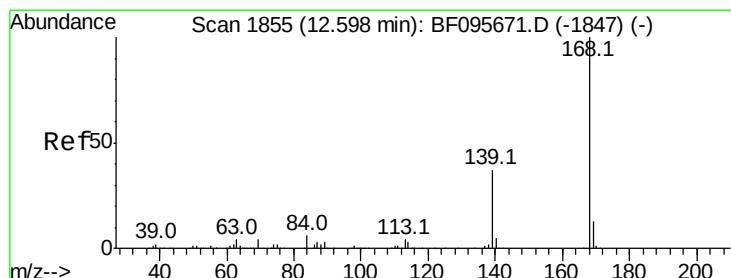
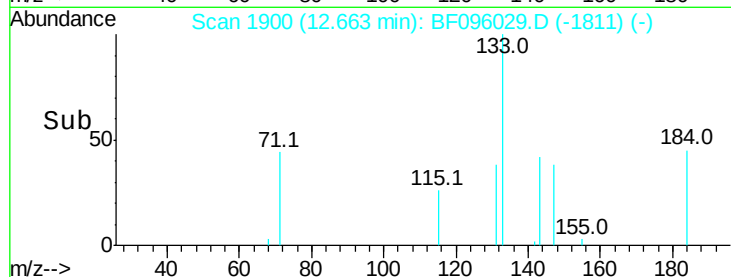
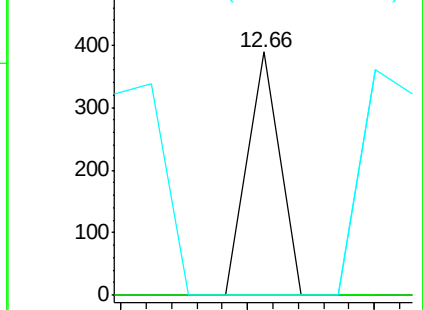
#53
 2,4-Dinitrophenol
 Concen: 6.61 ng
 RT: 12.66 min Scan# 1900
 Delta R.T. 0.22 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 137
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.7 94.1#
 154 0.0 81.1 121.7#

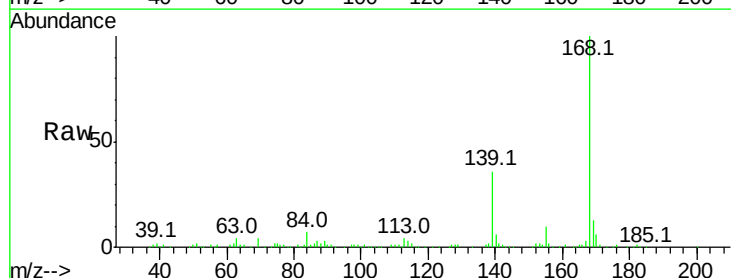


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

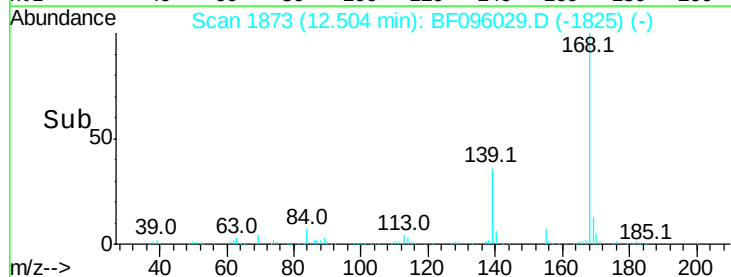
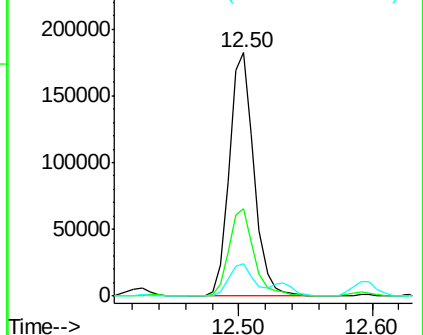


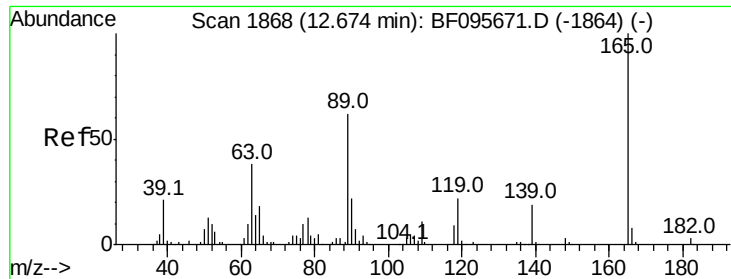
#54
 Dibenzofuran
 Concen: 26.10 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Tgt Ion:168 Resp: 235095
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.6 45.8
 169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

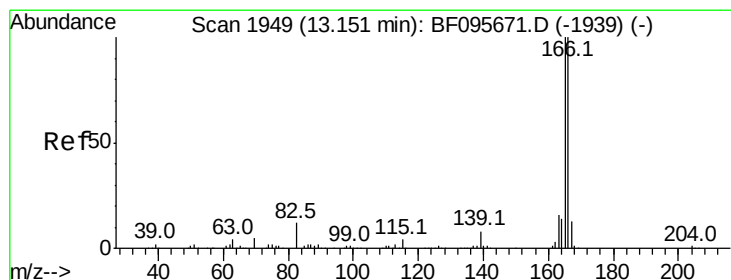
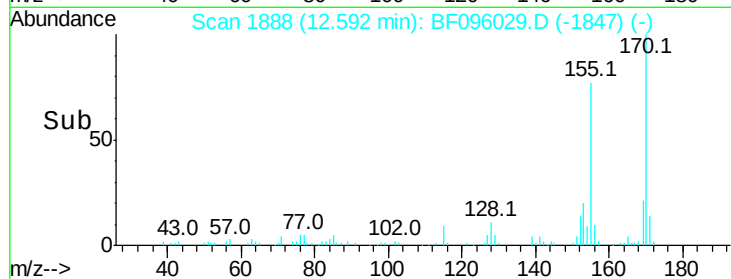
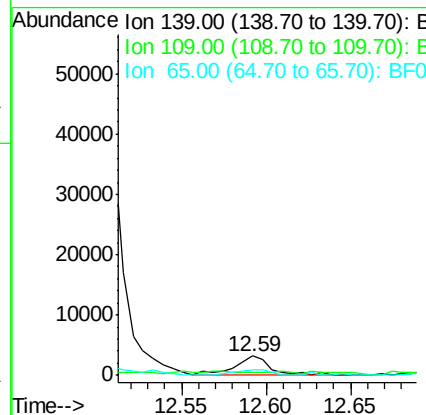
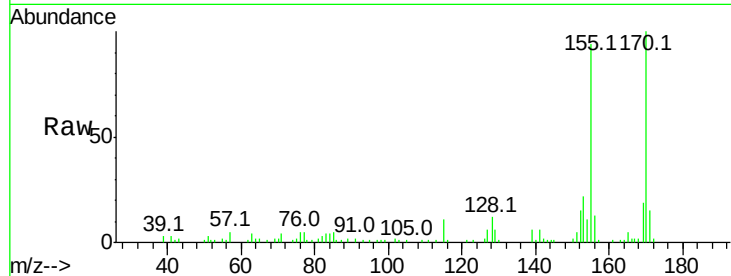




#55
4-Nitrophenol
Concen: 8.63 ng
RT: 12.59 min Scan# 1888
Delta R.T. -0.06 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

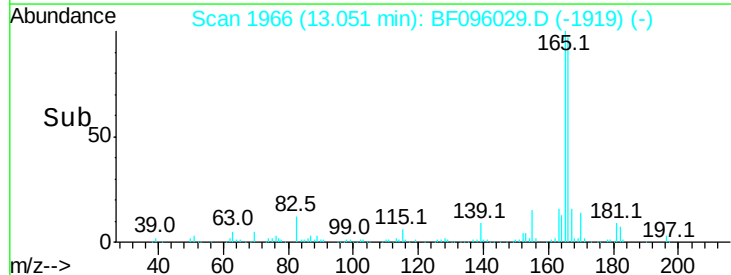
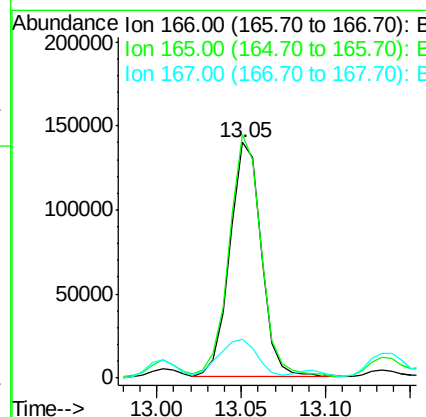
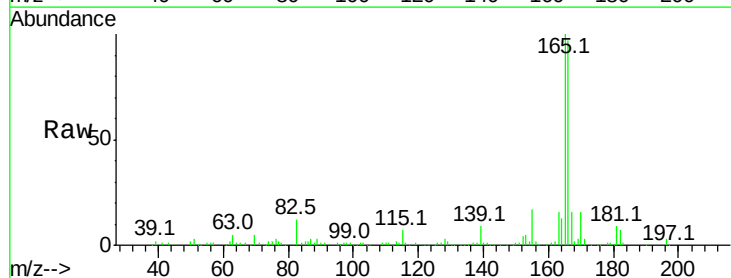
Instrument :
BNA_F
ClientSampled :

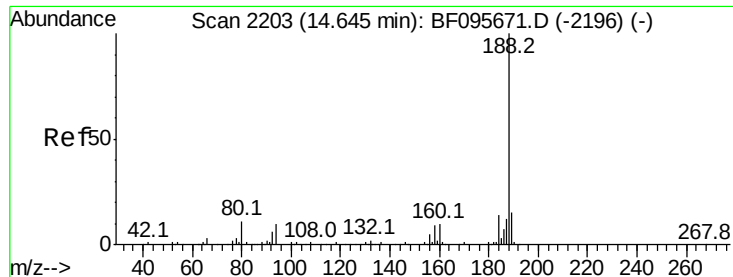
Tot Ion:139 Resp: 4819
Ion Ratio Lower Upper
139 100
109 15.4 34.1 74.1#
65 27.4 31.4 71.4#



#57
Fluorene
Concen: 22.94 ng
RT: 13.05 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Tgt Ion:166 Resp: 179818
Ion Ratio Lower Upper
166 100
165 103.3 78.8 118.2
167 16.3 10.6 16.0#

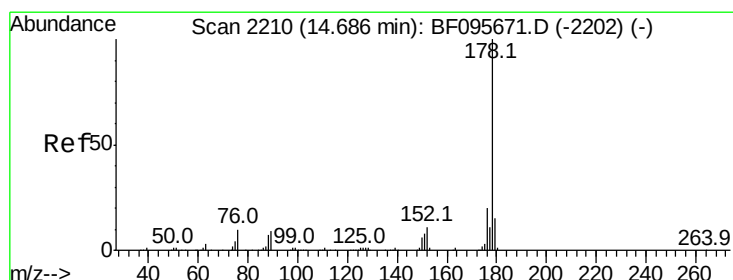
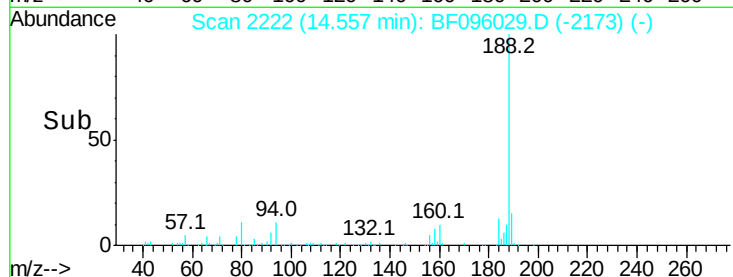
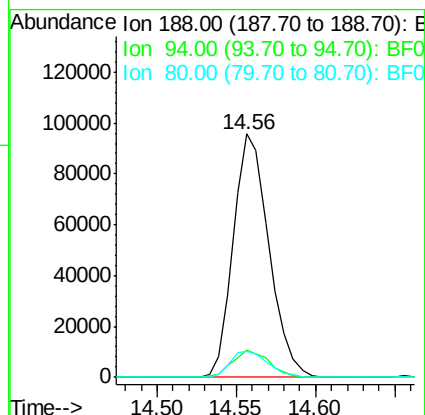
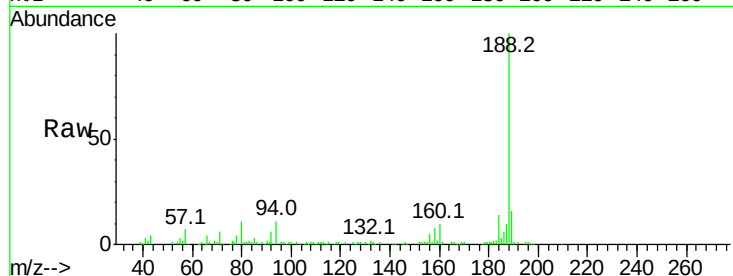




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

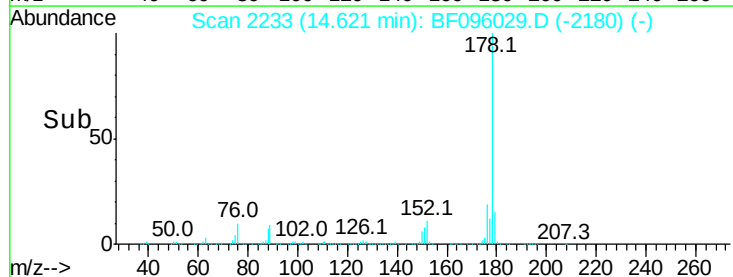
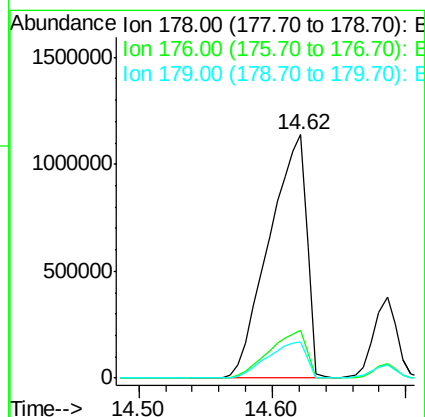
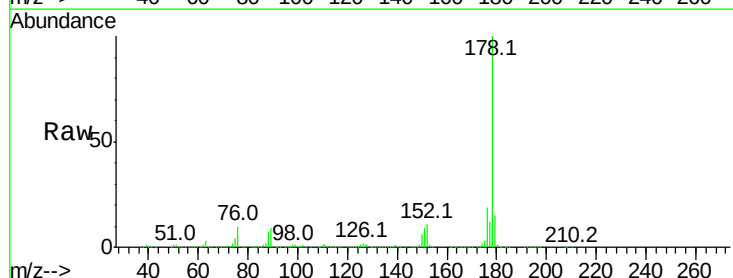
Instrument :
BNA_F
ClientSampleId :

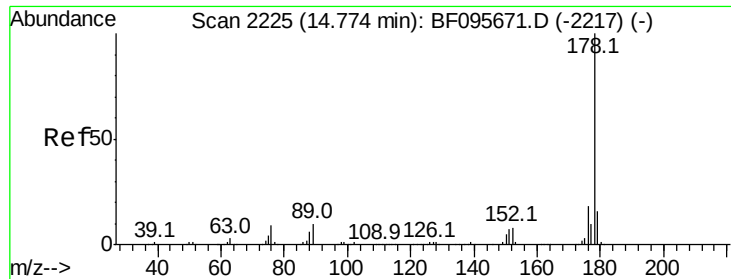
Tot Ion:188 Resp: 148987
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 10.7 10.2 15.2



#70
Phenanthrene
Concen: 260.21 ng
RT: 14.62 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Tgt Ion:178 Resp: 2236823
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.0 12.6 19.0

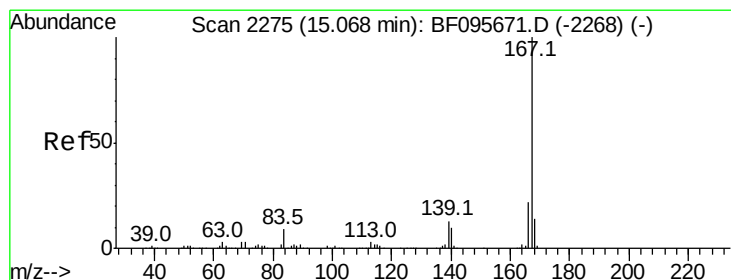
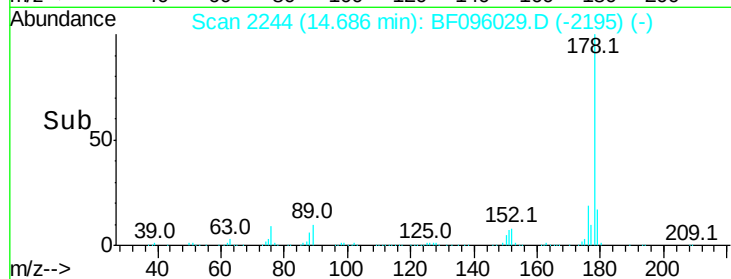
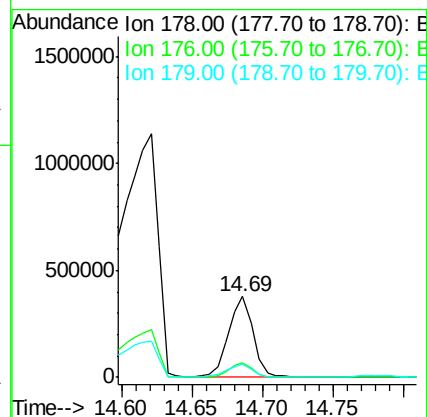
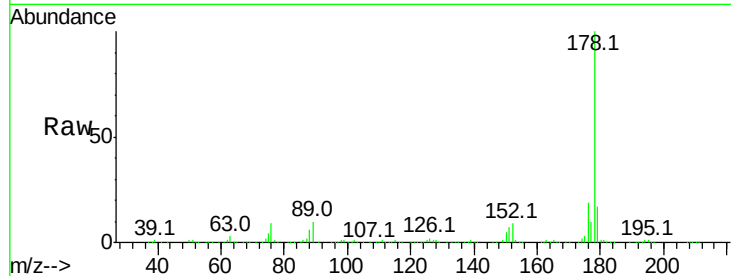




#71
 Anthracene
 Concen: 50.34 ng
 RT: 14.69 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

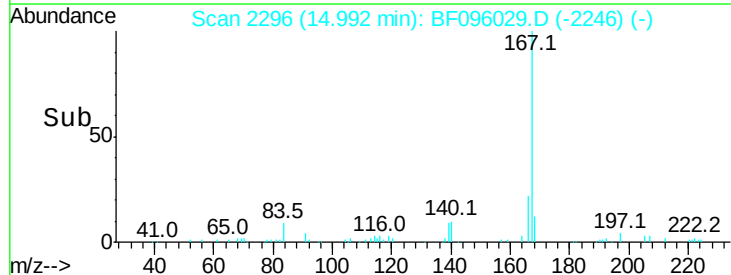
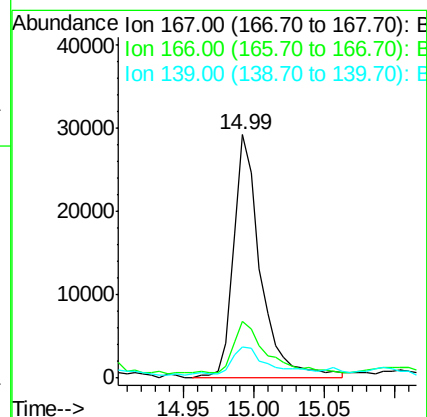
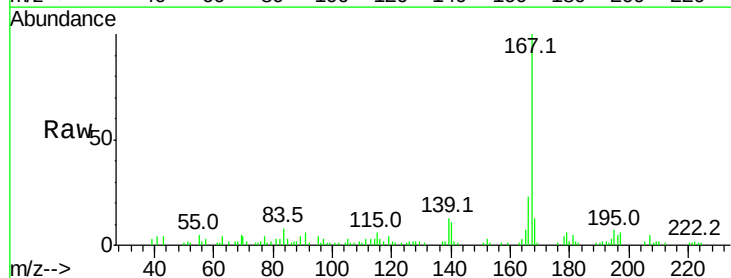
Instrument :
 BNA_F
 ClientSampleId :

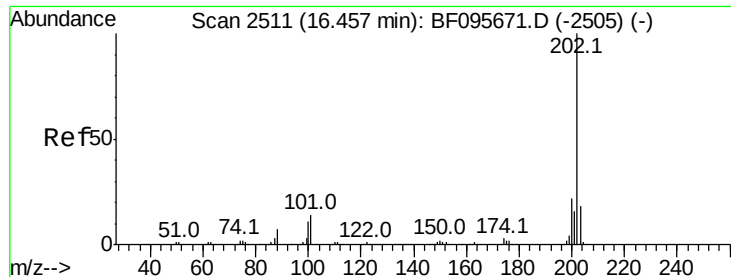
Tot Ion:178 Resp: 451804
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 16.9 12.7 19.1



#72
 Carbazole
 Concen: 4.47 ng
 RT: 14.99 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Tgt Ion:167 Resp: 39133
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.1 27.1
 139 13.0 11.7 17.5





#74

Fluoranthene

Concen: 236.95 ng

RT: 16.40 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Instrument :

BNA_F

ClientSampled :

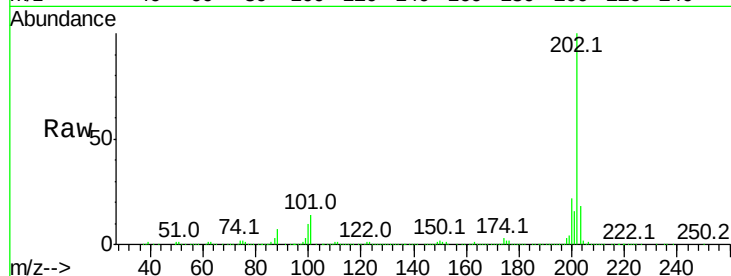
Tot Ion:202 Resp: 2016069

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

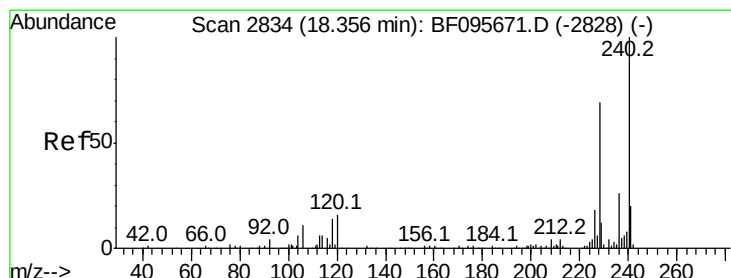
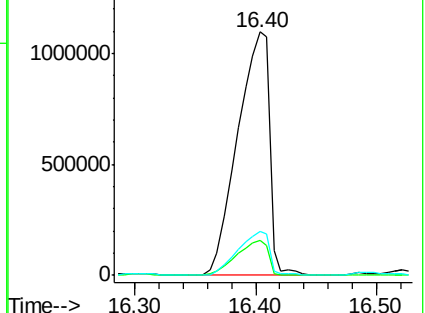
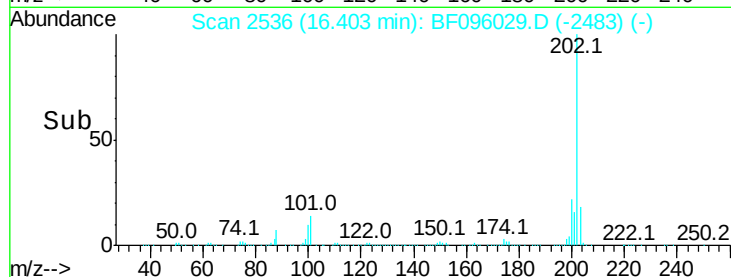
203 17.9 0.0 38.1



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: 18.29 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

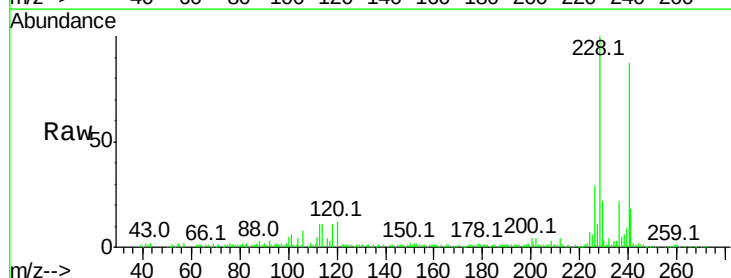
Tgt Ion:240 Resp: 120517

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

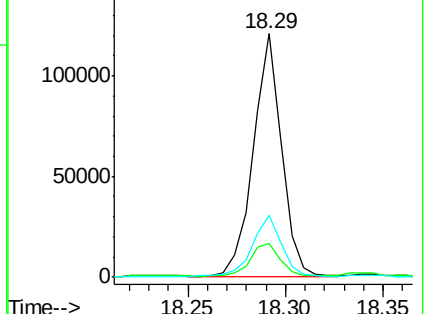
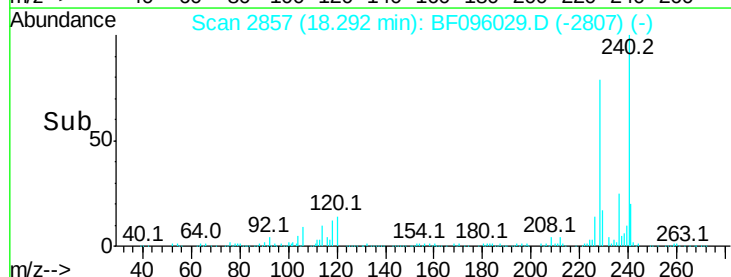
236 25.2 20.5 30.7

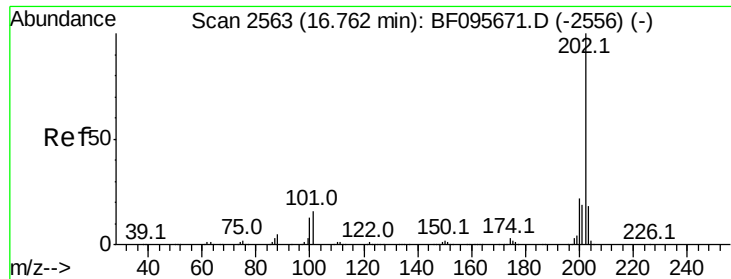


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 174.36 ng

RT: 16.71 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

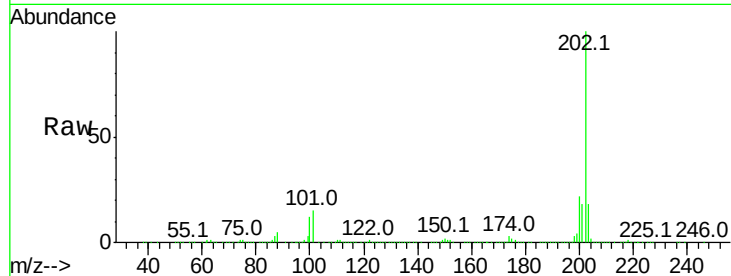
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1567880

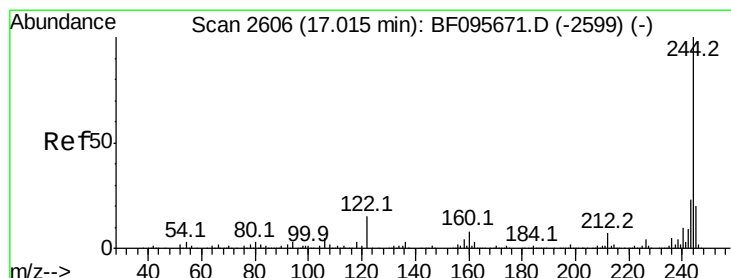
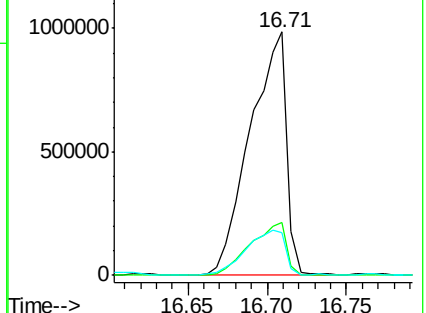
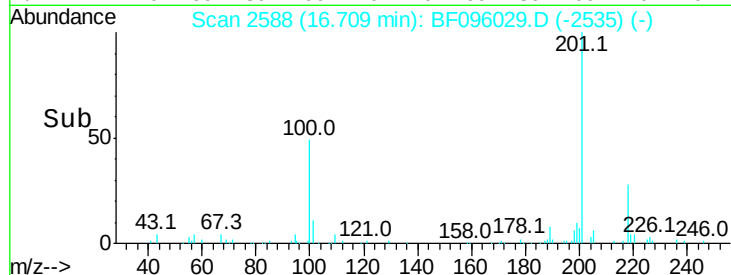
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6



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: 70.89 ng

RT: 16.94 min Scan# 2627

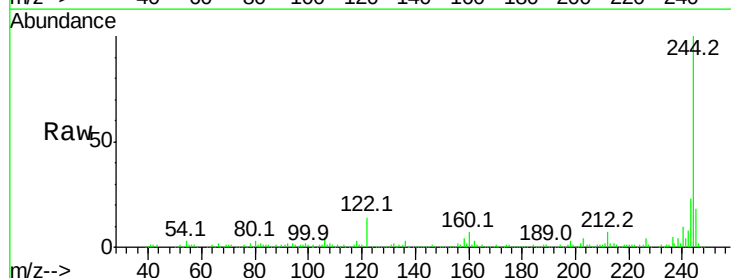
Delta R.T. -0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Tgt Ion:244 Resp: 344269

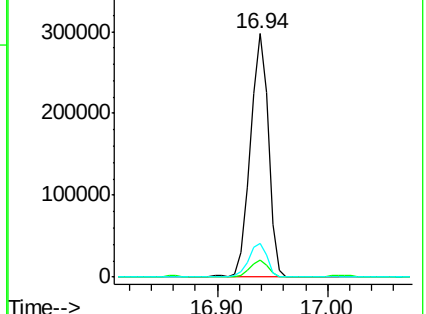
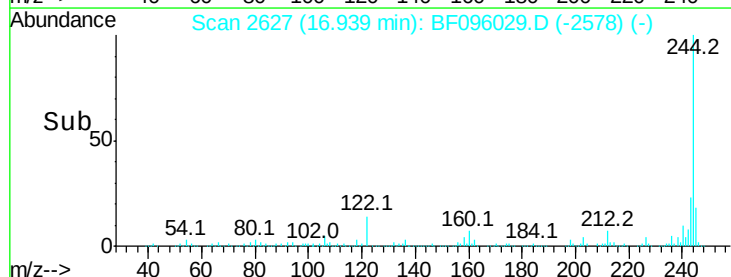
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.1	10.3	15.5

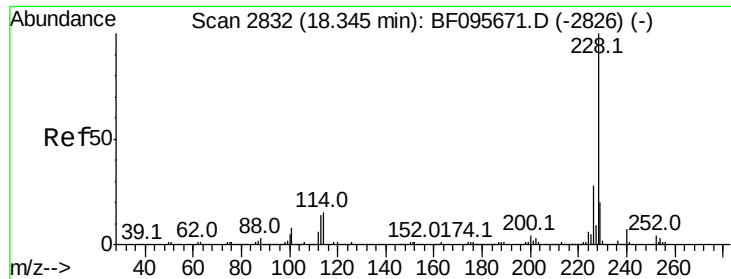


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 83.63 ng

RT: 18.28 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

Instrument :

BNA_F

ClientSampleId :

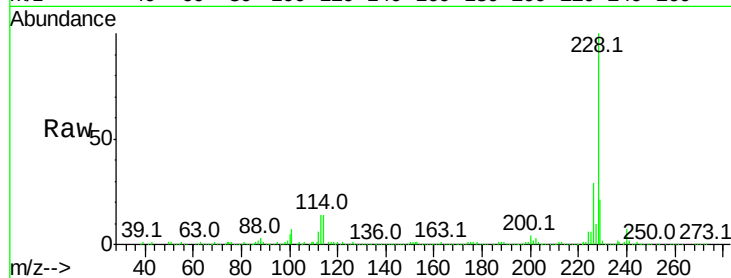
Tot Ion:228 Resp: 586009

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

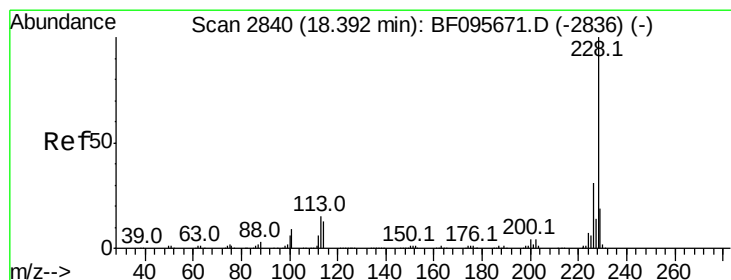
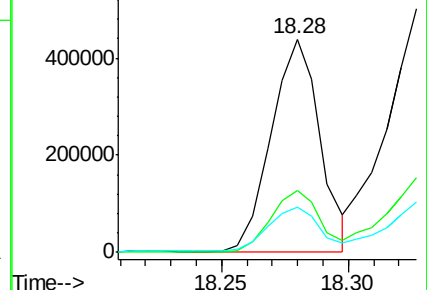
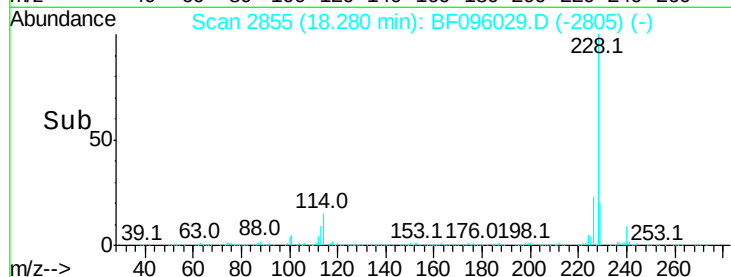
229 21.2 16.3 24.5



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: 92.72 ng

RT: 18.33 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BF096029.D

Acq: 20 Jun 2017 5:46

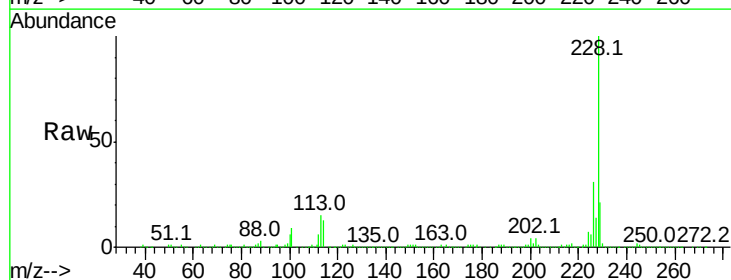
Tgt Ion:228 Resp: 649240

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

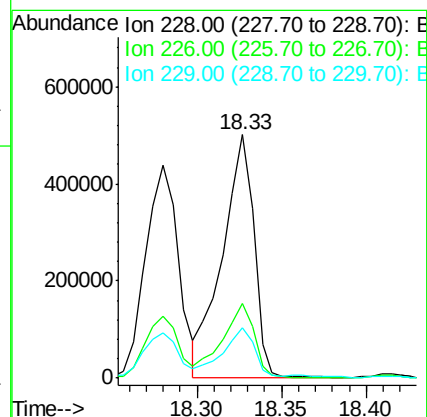
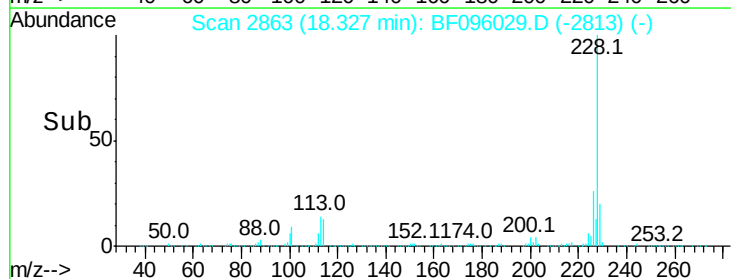
229 20.7 15.8 23.6

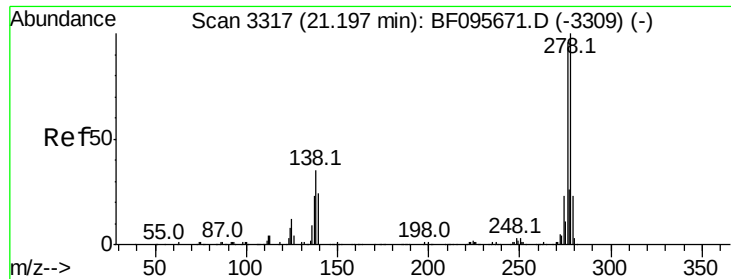


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

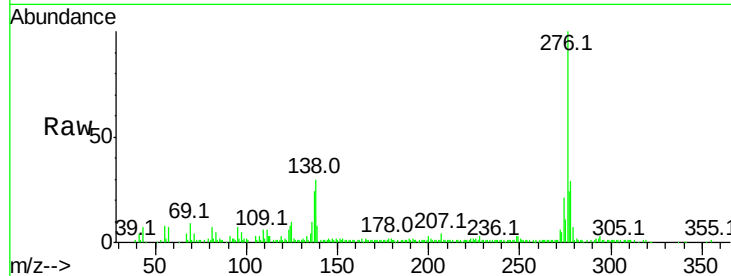




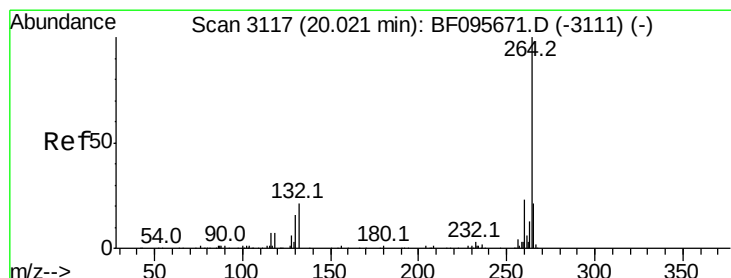
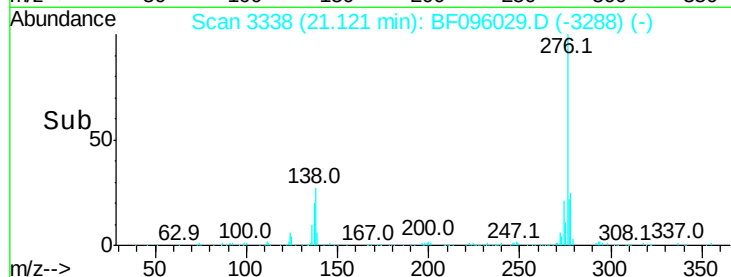
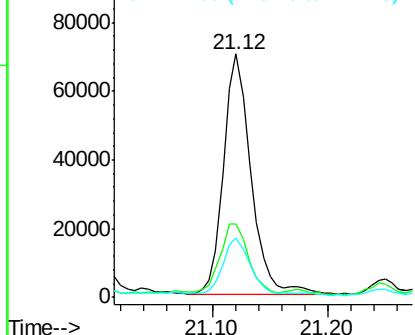
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.42 ng
 RT: 21.12 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	22.0	20.2	30.4

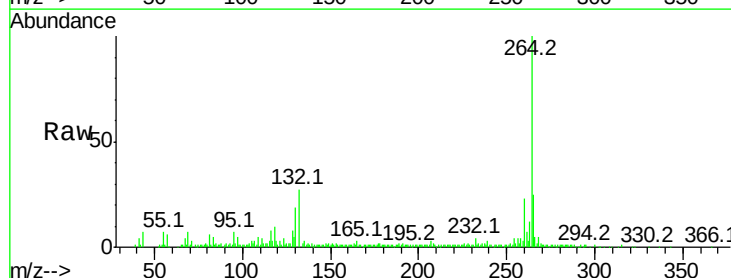


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

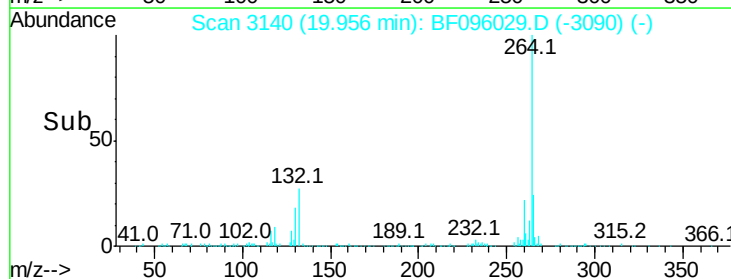
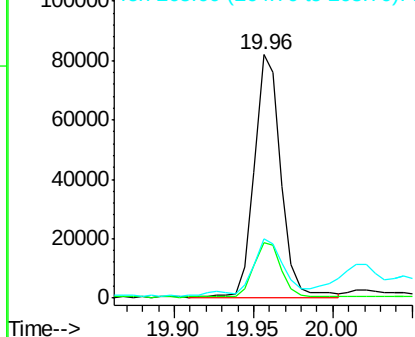


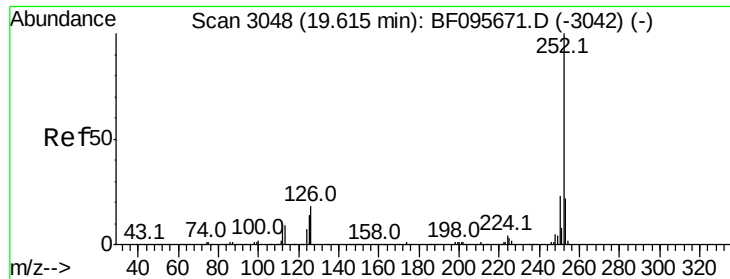
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	24.6	17.2	25.8



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

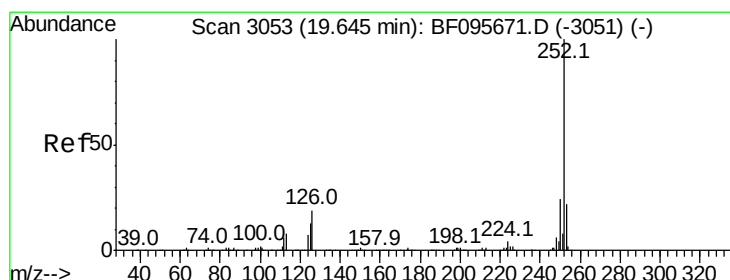
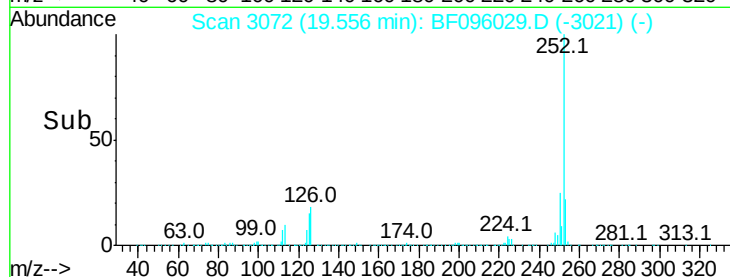
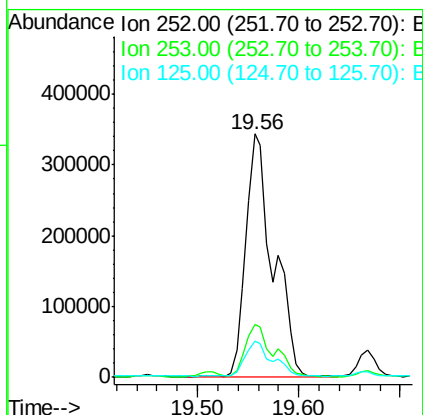
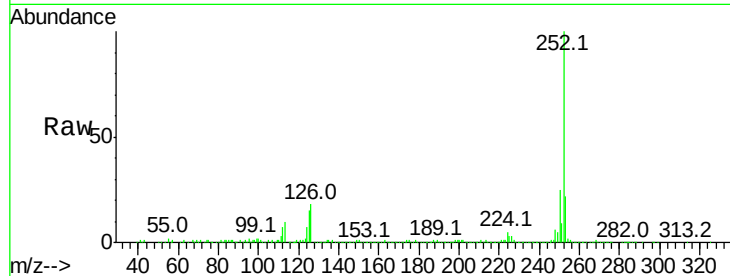




#87
Benzo(b)fluoranthene
Concen: 106.48 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

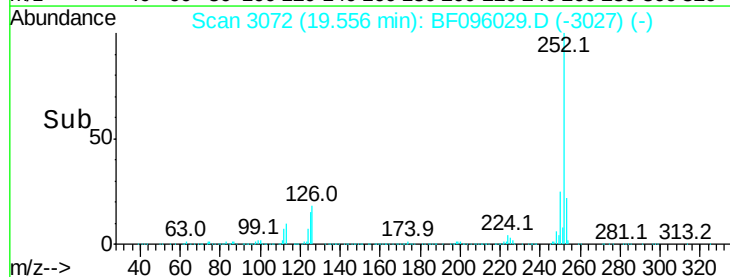
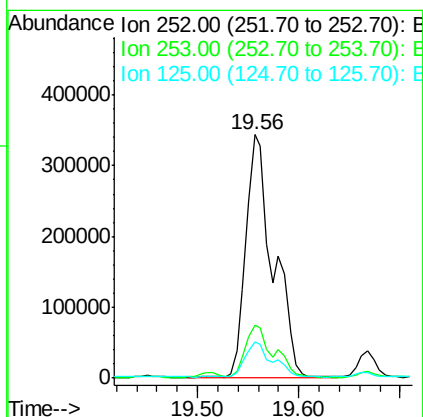
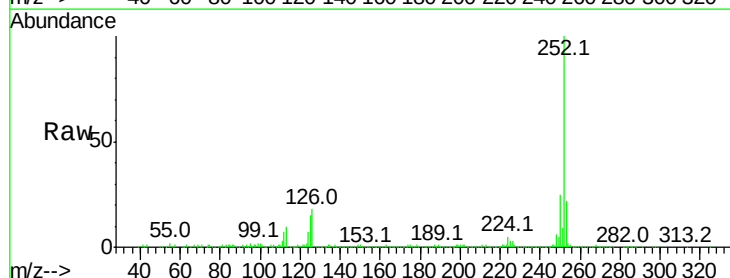
Instrument :
BNA_F
ClientSampleId :

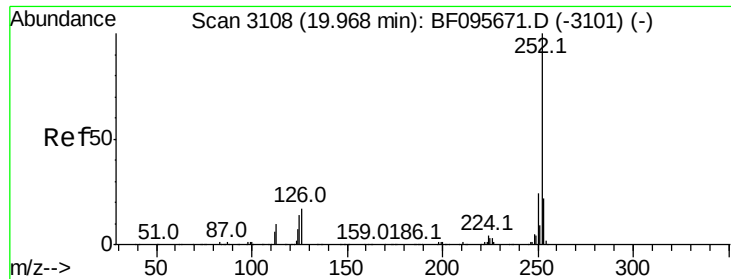
Tot Ion:252 Resp: 644671
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 15.0 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 111.40 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.04 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Tgt Ion:252 Resp: 644671
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 15.0 13.1 19.7

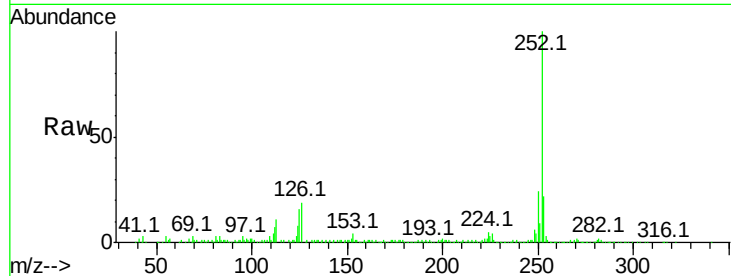




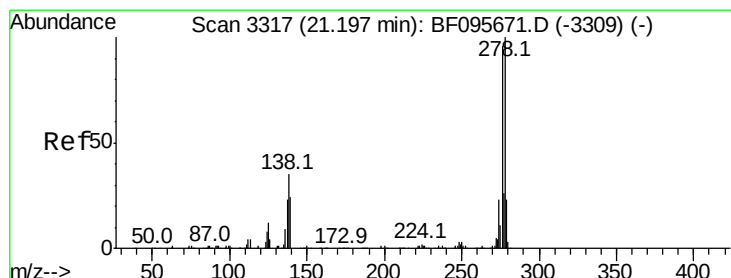
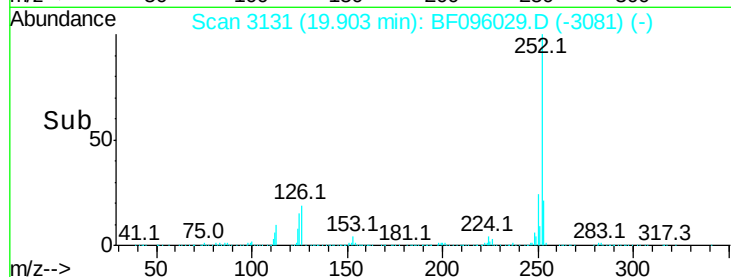
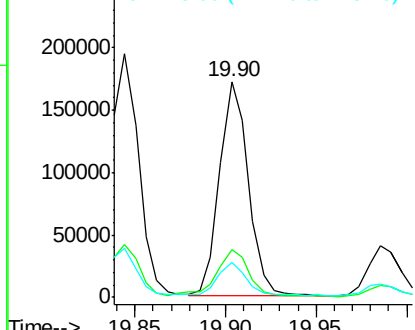
#89
Benzo(a)pyrene
Concen: 34.38 ng
RT: 19.90 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 191308
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 16.0 11.0 16.4

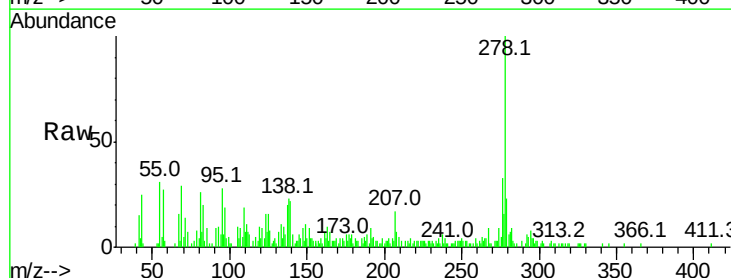


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

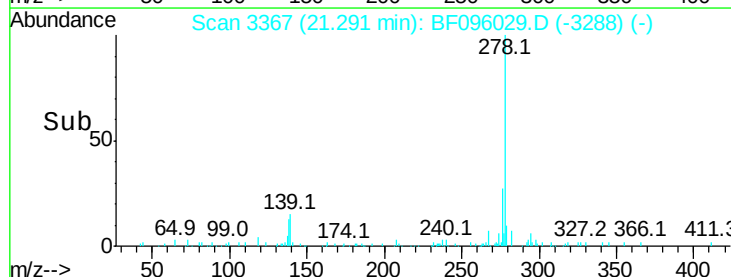
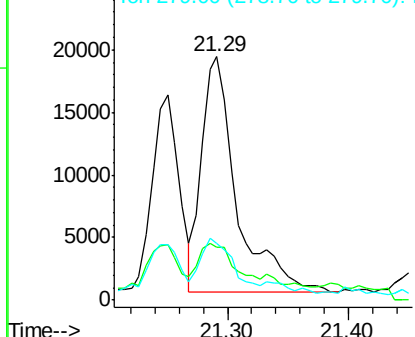


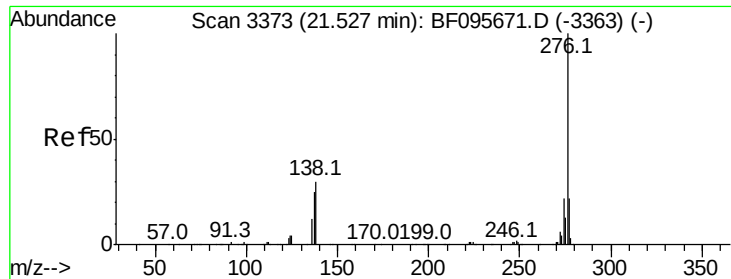
#90
Dibenzo(a,h)anthracene
Concen: 7.97 ng
RT: 21.29 min Scan# 3367
Delta R.T. 0.16 min
Lab File: BF096029.D
Acq: 20 Jun 2017 5:46

Tgt Ion:278 Resp: 37634
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 23.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

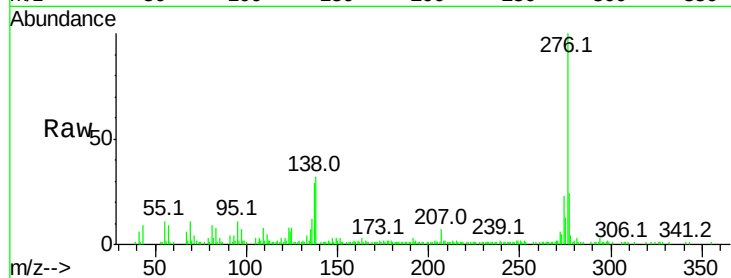




#91
 Benzo(a,h,i)perylene
 Concen: 19.31 ng
 RT: 21.45 min Scan# 3394
 Delta R.T. 0.01 min
 Lab File: BF096029.D
 Acq: 20 Jun 2017 5:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	32.0	25.4	38.0



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

