

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096298.D
 Acq On : 29 Jun 2017 18:17
 Operator : SJ/MA
 Sample : I3925-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 01:07:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	186663	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	771899	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	331323	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	497658	20.00	ng	0.00
75) Chrysene-d12	13.92	240	291502	20.00	ng	0.00
86) Perylene-d12	15.35	264	342132	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1348646	104.09	ng	0.01
7) Phenol-d6	6.40	99	1683821	107.33	ng	0.01
23) Nitrobenzene-d5	7.33	82	983097	88.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	318760	122.25	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1445538	79.90	ng	-0.02
78) Terphenyl-d14	12.87	244	898013	76.87	ng	0.00

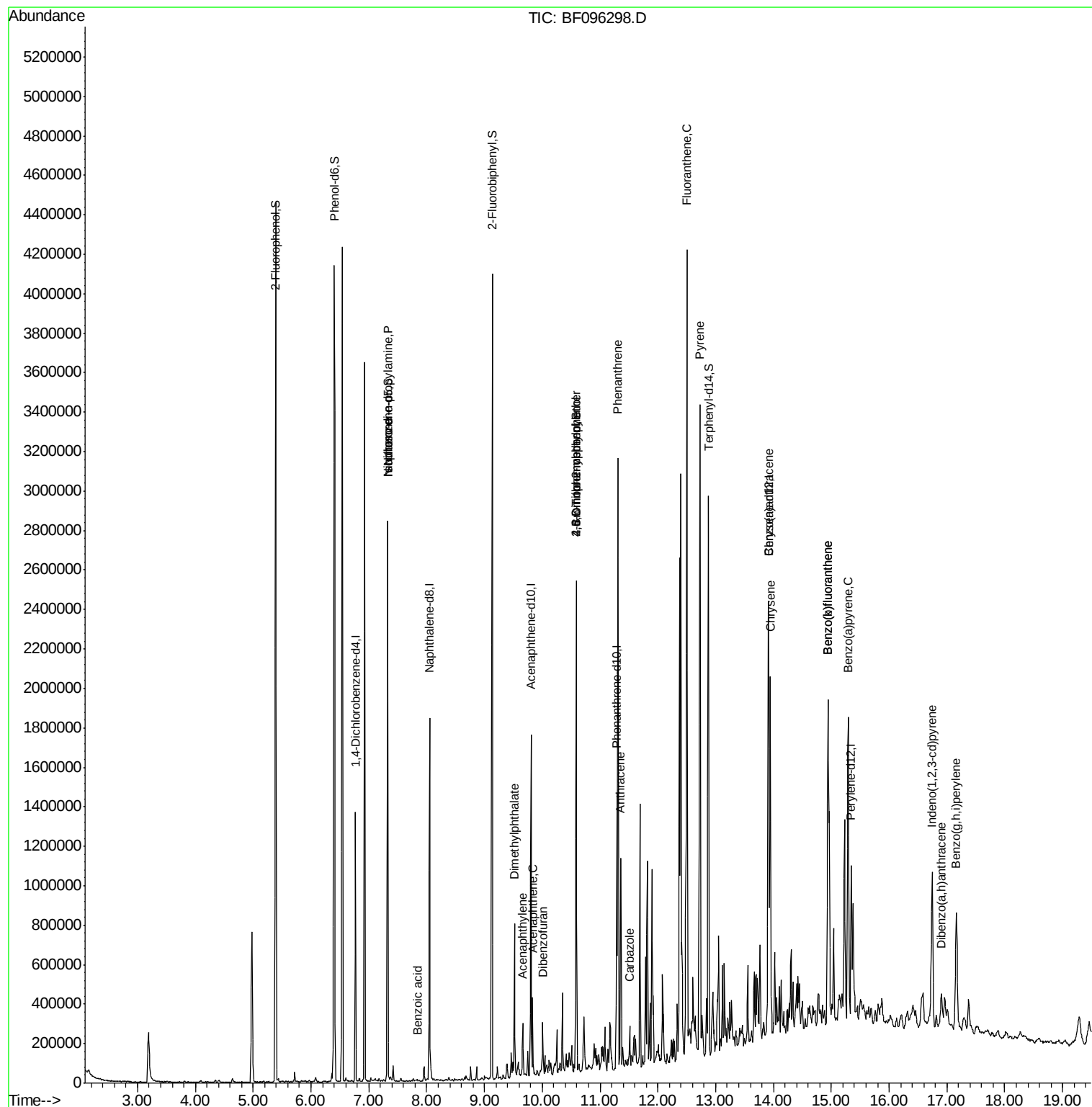
Target Compounds				Qvalue		
9) Benzaldehyde	6.41	77	2298	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	129565	13.78	ng	87
25) Isophorone	7.33	82	982917	38.81	ng	67
32) Benzoic acid	7.83	122	307	8.82	ng	28
48) Acenaphthylene	9.66	152	91179	2.61	ng	97
49) Dimethylphthalate	9.52	163	297663	12.55	ng	100
51) Acenaphthene	9.83	154	77754	3.78	ng	97
54) Dibenzofuran	10.00	168	61051	2.27	ng	96
57) Fluorene	10.35	166	111234	Below Cal		100
64) 4,6-Dinitro-2-methylphenol	10.59	198	578	8.93	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	16549	3.23	ng	# 1
70) Phenanthrene	11.31	178	1195298	48.49	ng	99
71) Anthracene	11.36	178	416700	14.98	ng	98
72) Carbazole	11.51	167	76492	2.49	ng	96
74) Fluoranthene	12.50	202	1798337	65.05	ng	98
77) Pyrene	12.73	202	1561027	65.16	ng	100
80) Benzo(a)anthracene	13.91	228	802291	45.15	ng	98
82) Chrysene	13.95	228	668200	36.36	ng	97
85) Indeno(1,2,3-cd)pyrene	16.74	276	531598	34.85	ng	95
87) Benzo(b)fluoranthene	14.94	252	1300678	57.87	ng	# 97
88) Benzo(k)fluoranthene	14.94	252	1300678	63.39	ng	98
89) Benzo(a)pyrene	15.29	252	723365	36.44	ng	97
90) Dibenzo(a,h)anthracene	16.90	278	112068	7.21	ng	94
91) Benzo(g,h,i)perylene	17.17	276	475324	29.42	ng	96

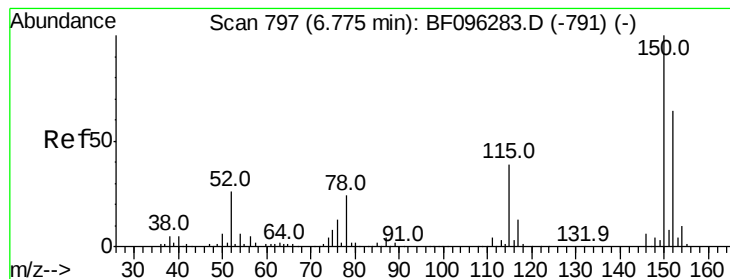
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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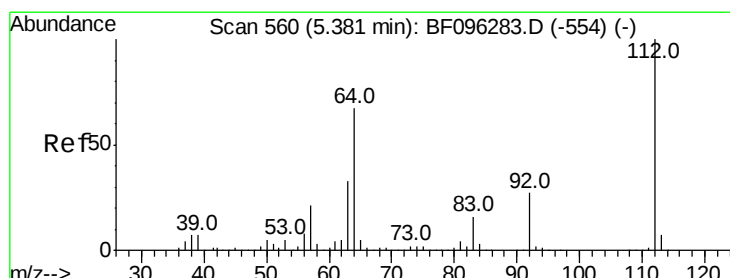
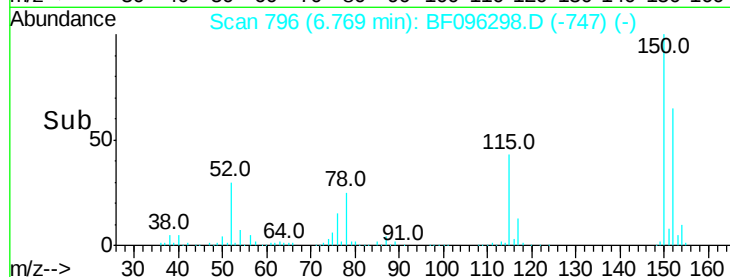
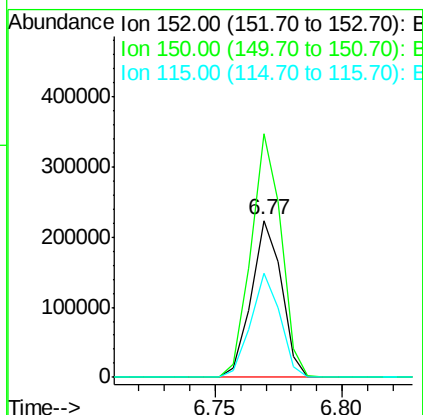
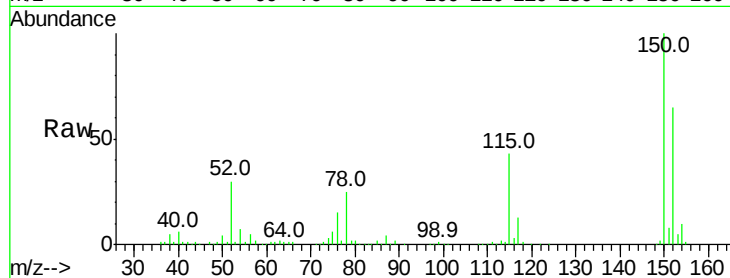


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Instrument :
BNA_F
ClientSampleId :

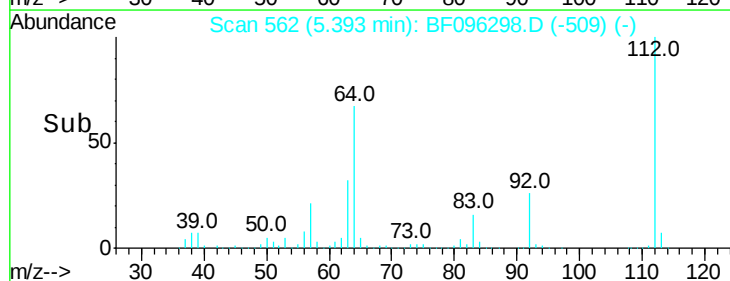
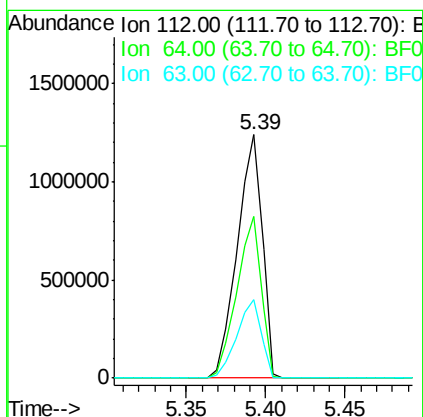
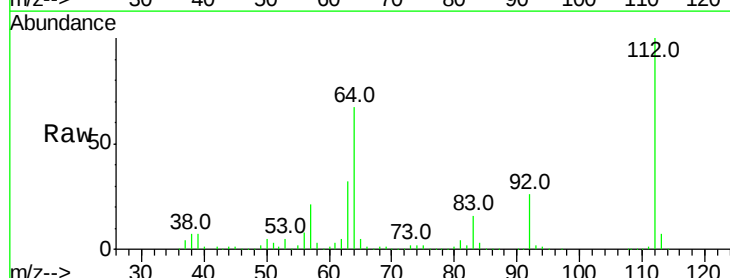
Tot Ion:152 Resp: 186663
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 66.1 52.2 78.2

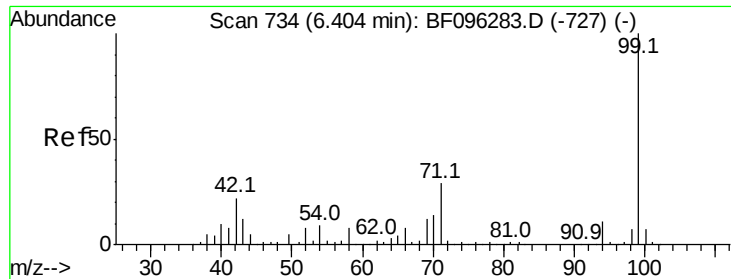


#5

2-Fluorophenol
Concen: 104.09 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion:112 Resp: 1348646
Ion Ratio Lower Upper
112 100
64 66.6 46.0 69.0
63 32.4 23.4 35.0





#7

Phenol-d6

Concen: 107.33 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

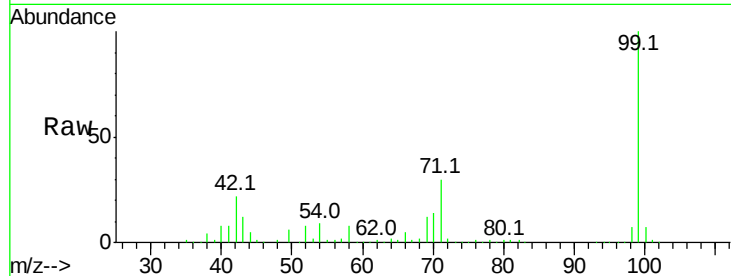
Instrument :

BNA_F

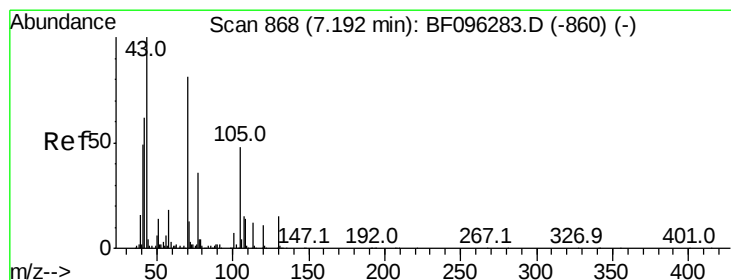
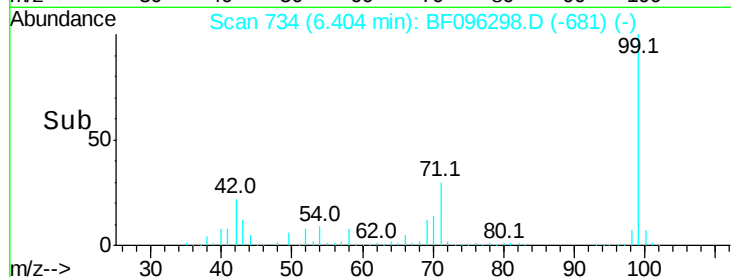
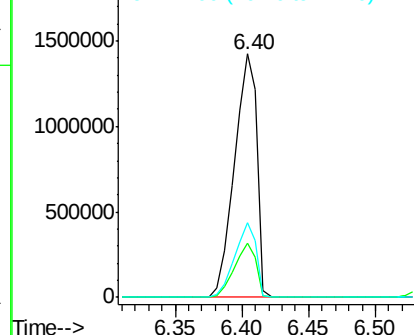
ClientSampleId :

Tot Ion: 99 Resp: 1683821

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.5	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: 13.78 ng

RT: 7.33 min Scan# 891

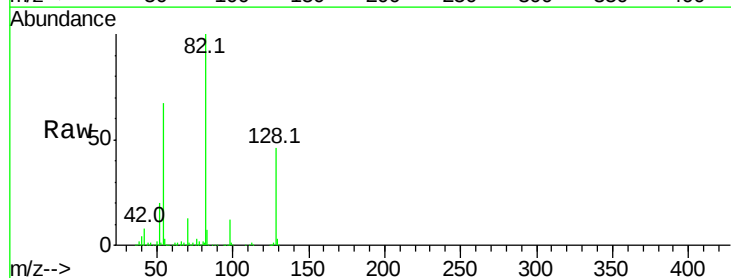
Delta R.T. 0.15 min

Lab File: BF096298.D

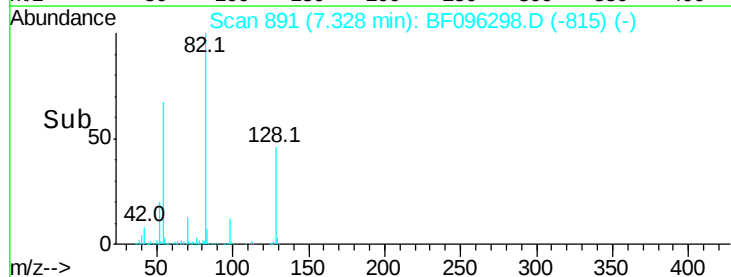
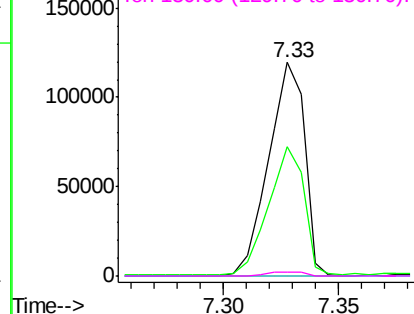
Acq: 29 Jun 2017 18:17

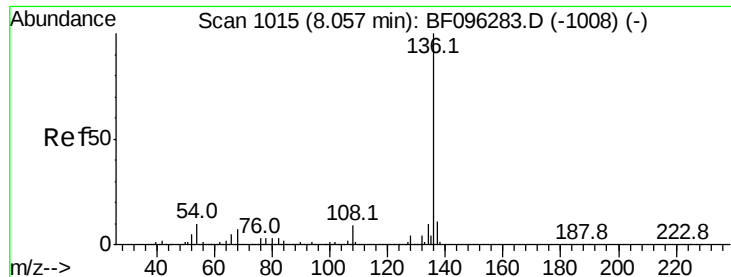
Tgt Ion: 70 Resp: 129565

Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	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): BF0
Ion 130.00 (129.70 to 130.70): BF0

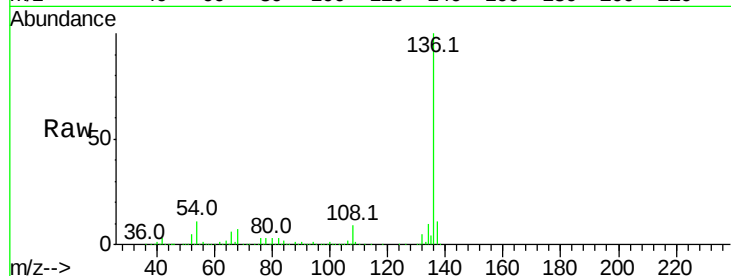




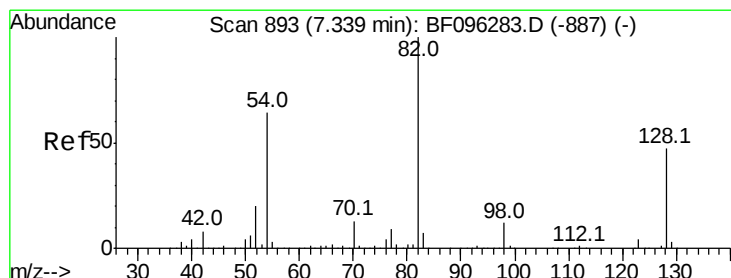
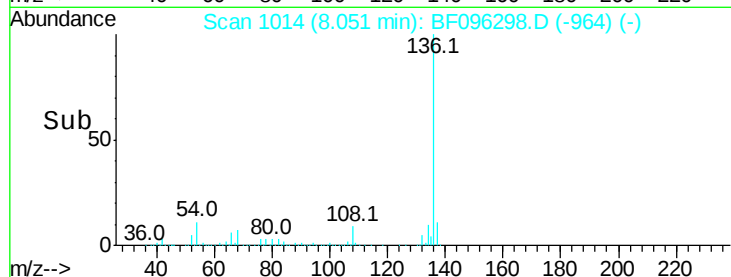
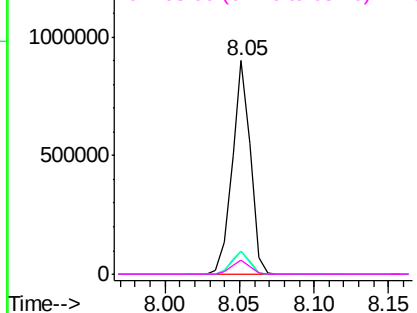
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	771899
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 11.0	4.9	7.3#
68 6.6	4.1	6.1#

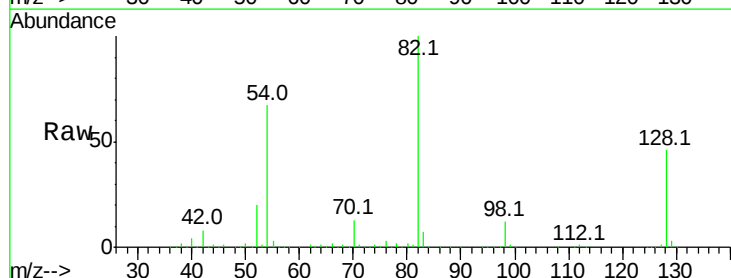


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

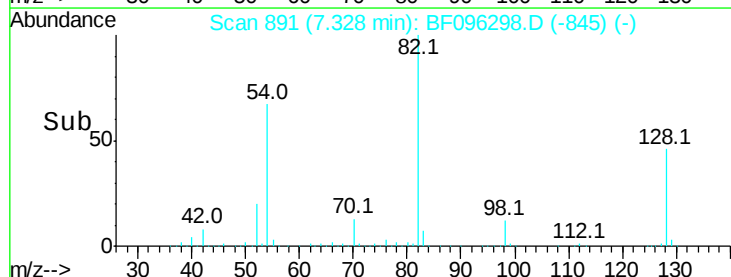
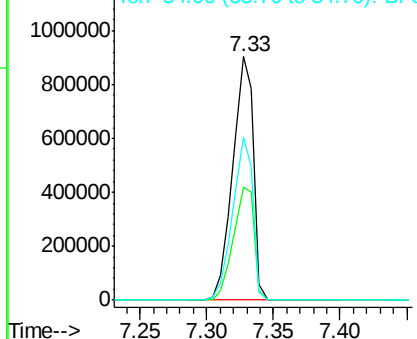


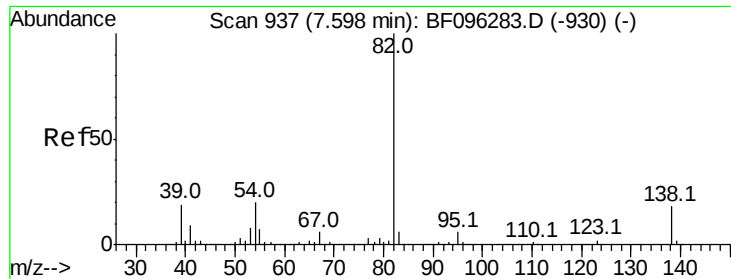
#23
Nitrobenzene-d5
Concen: 88.17 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion: 82	Resp:	983097
Ion Ratio	Lower	Upper
82 100		
128 46.4	34.0	51.0
54 67.2	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





#25

Isophorone

Concen: 38.81 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

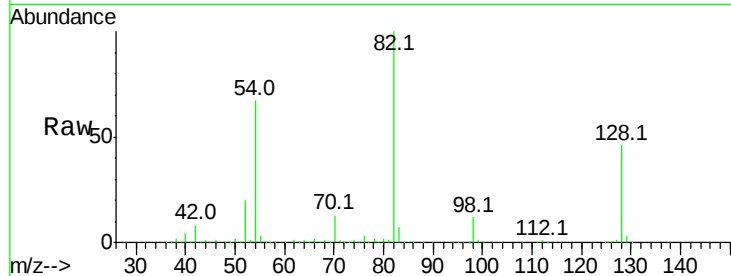
Tot Ion: 82 Resp: 982917

Ion Ratio Lower Upper

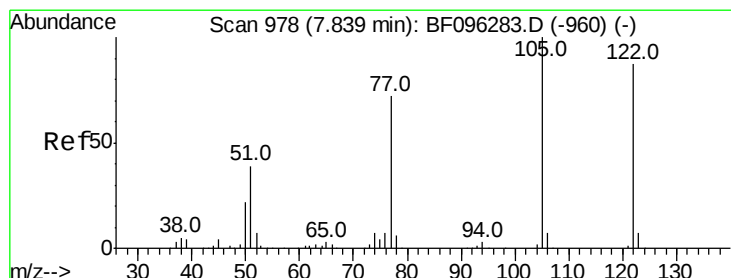
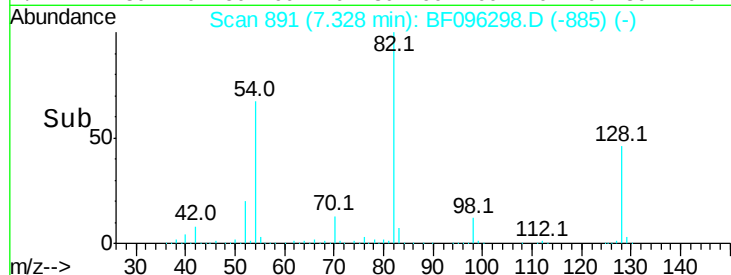
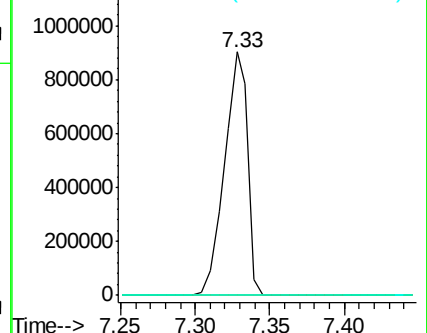
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 8.82 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

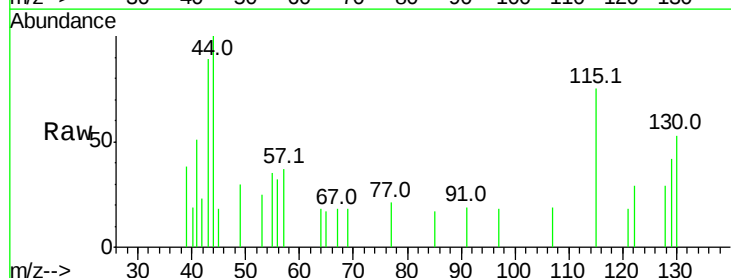
Tgt Ion:122 Resp: 307

Ion Ratio Lower Upper

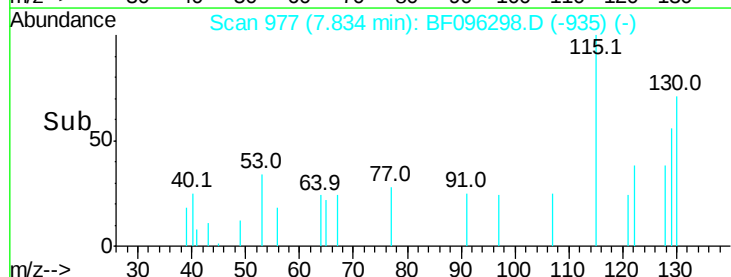
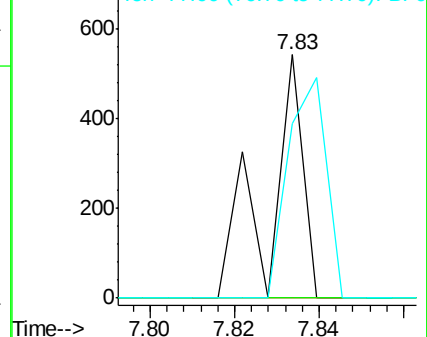
122 100

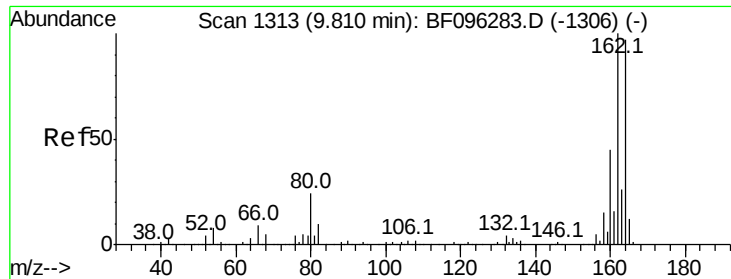
105 0.0 103.3 143.3#

77 71.8 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

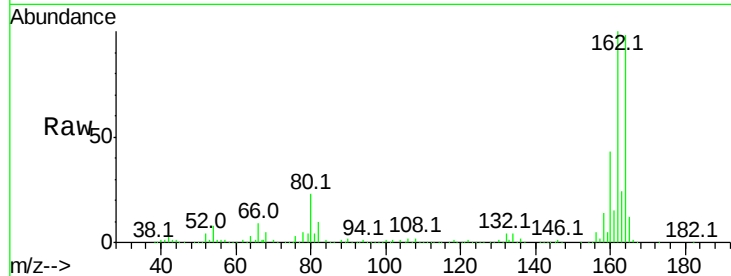
Tot Ion:164 Resp: 331323

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

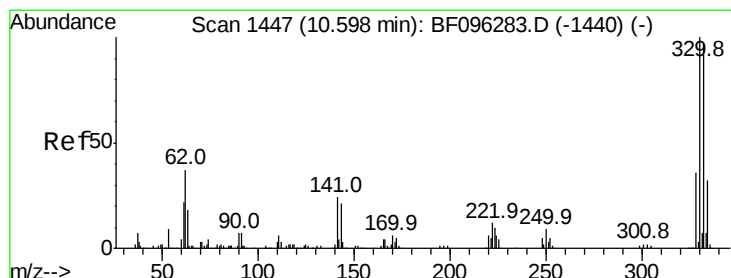
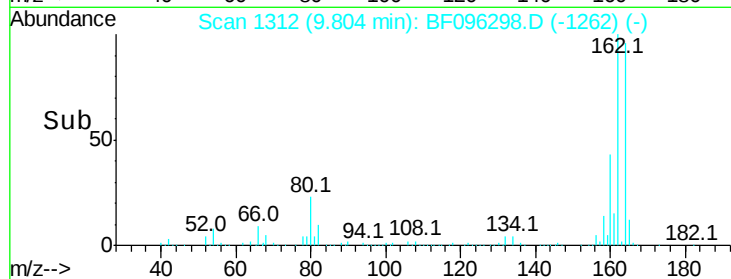
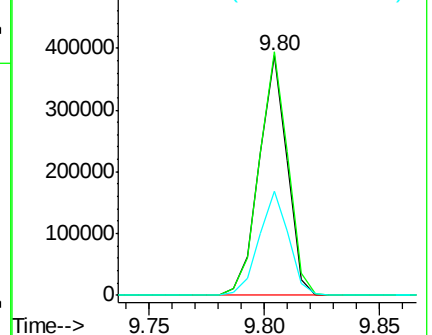
160 43.4 36.2 54.2



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: 122.25 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

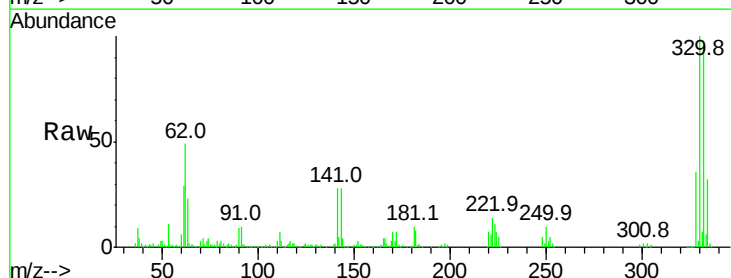
Tgt Ion:330 Resp: 318760

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

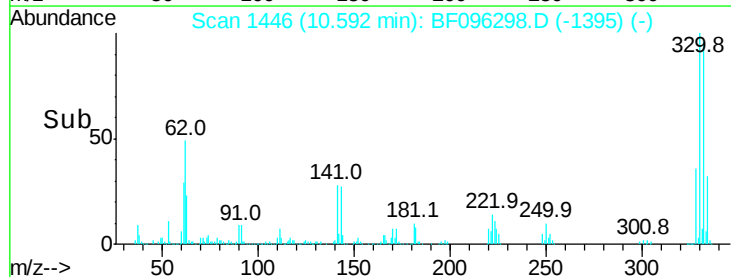
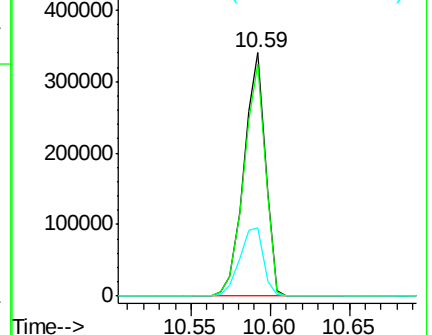
141 30.9 31.4 47.2#

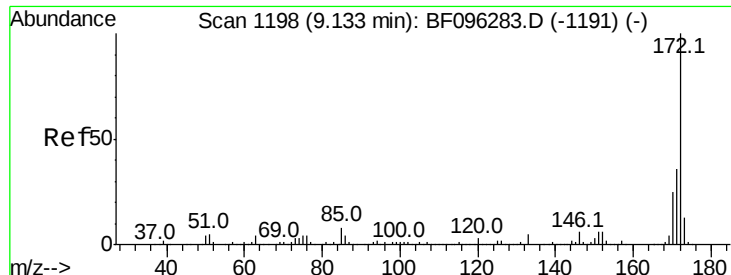


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



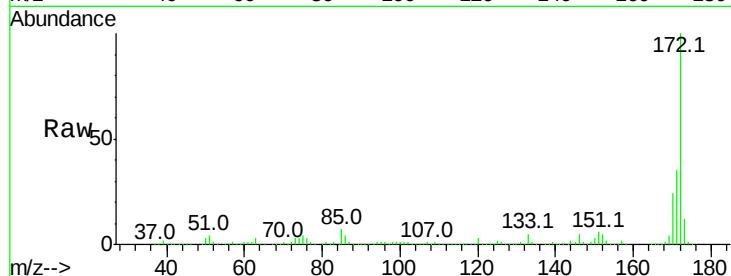


#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096298.D
 Acq: 29 Jun 2017 18:17

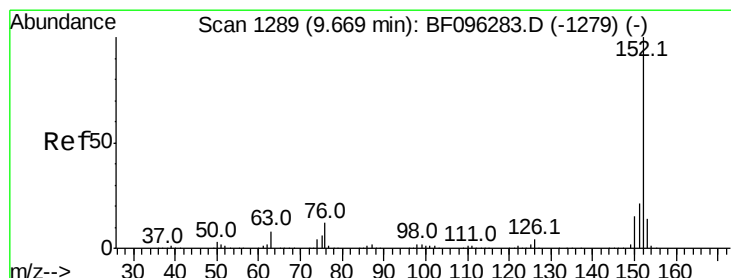
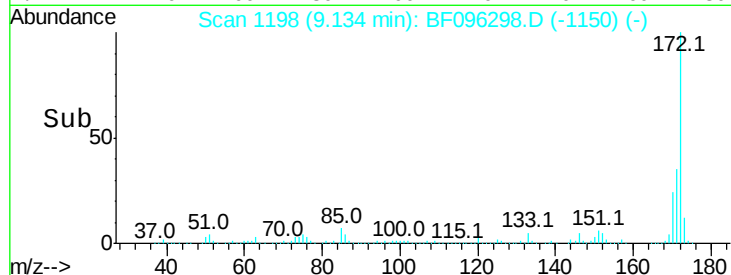
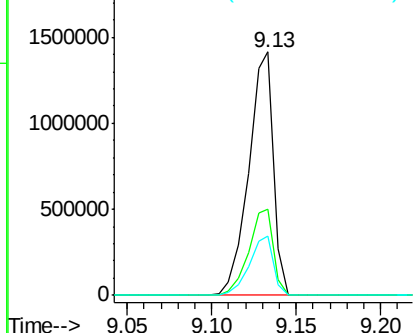
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1445538

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.3	19.8	29.8



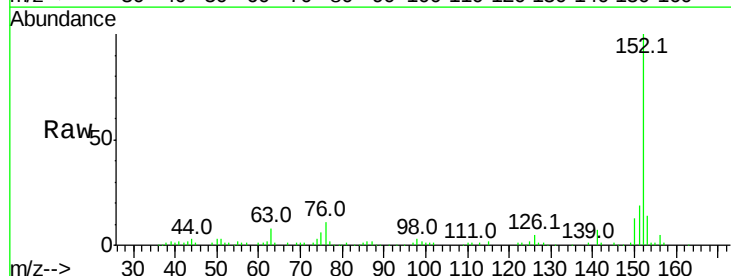
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



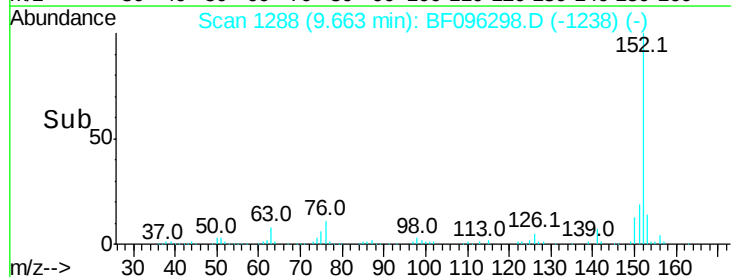
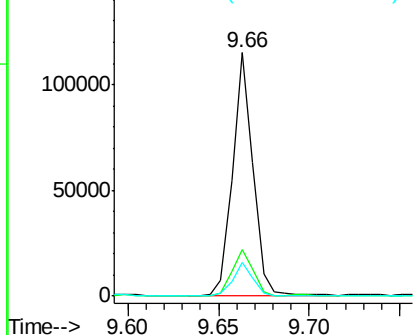
#48
 Acenaphthylene
 Concen: 2.61 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF096298.D
 Acq: 29 Jun 2017 18:17

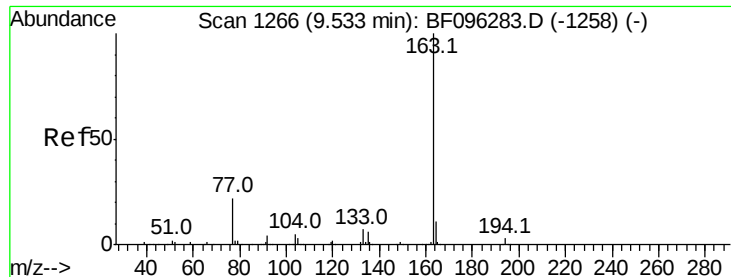
Tgt Ion:152 Resp: 91179

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.8	25.2
153	13.6	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

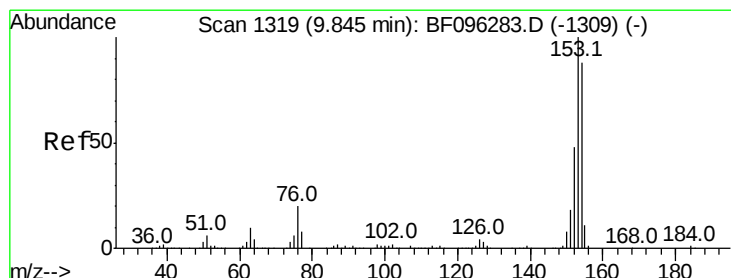
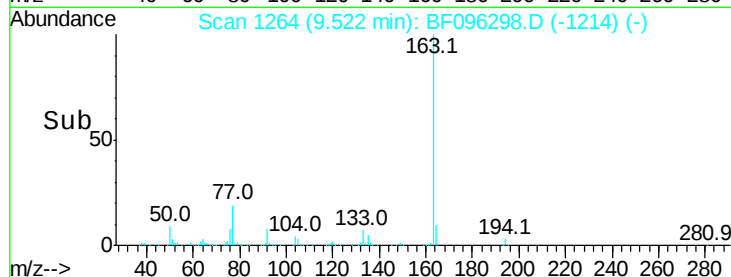
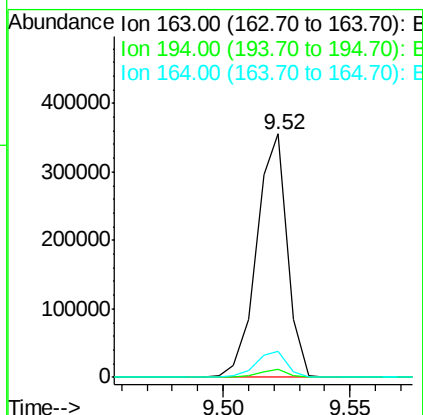
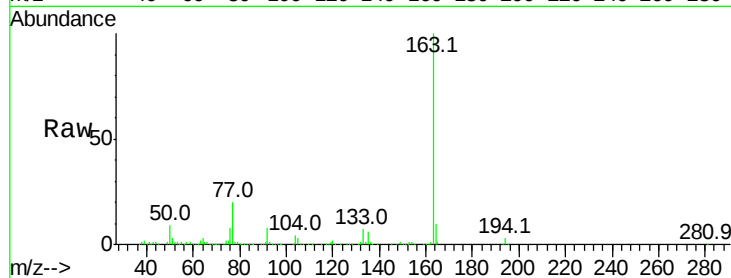




#49
Dimethylphthalate
Concen: 12.55 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

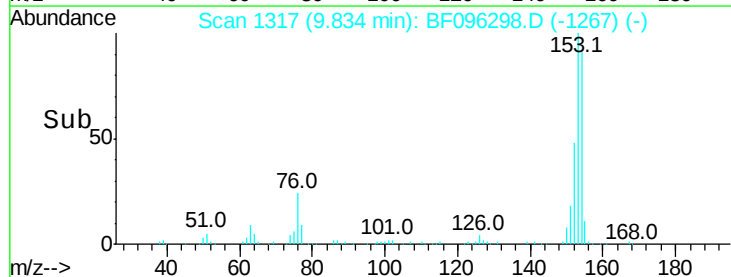
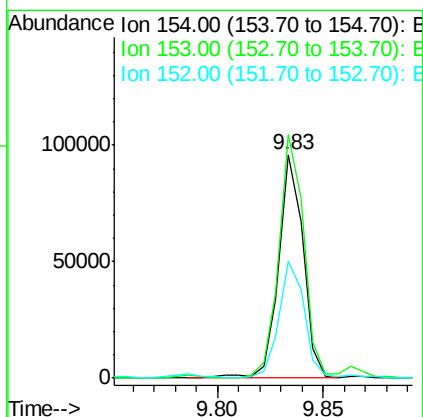
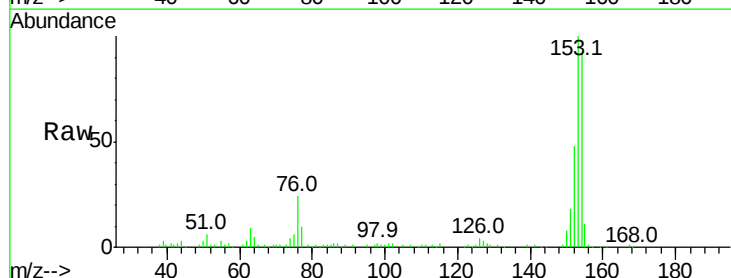
Instrument :
BNA_F
ClientSampleId :

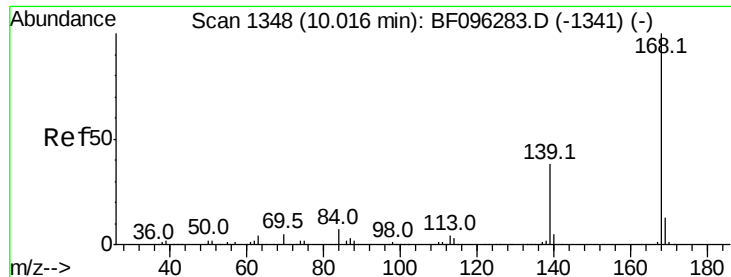
Tot Ion:163 Resp: 297663
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.4 12.6



#51
Acenaphthene
Concen: 3.78 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion:154 Resp: 77754
Ion Ratio Lower Upper
154 100
153 109.1 90.5 135.7
152 52.4 43.6 65.4





#54

Dibenzofuran

Concen: 2.27 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

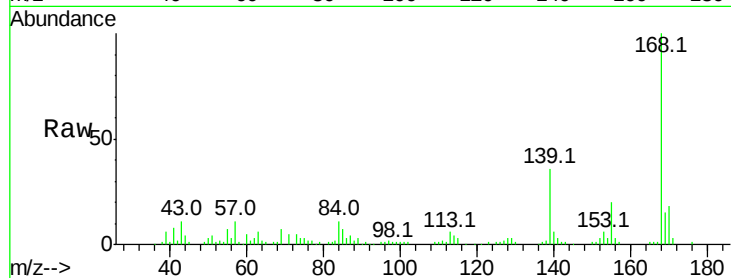
Tot Ion:168 Resp: 61051

Ion Ratio Lower Upper

168 100

139 36.1 30.6 45.8

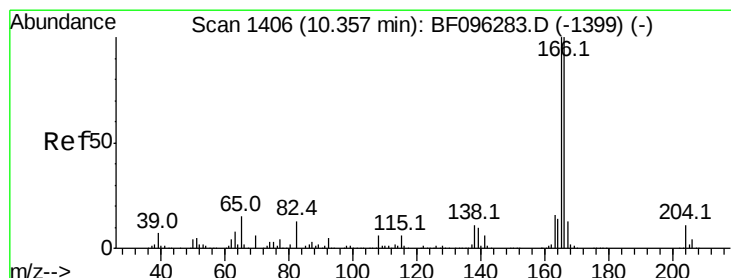
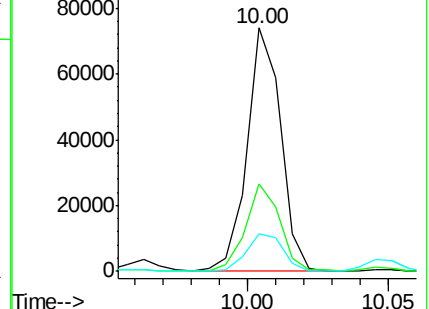
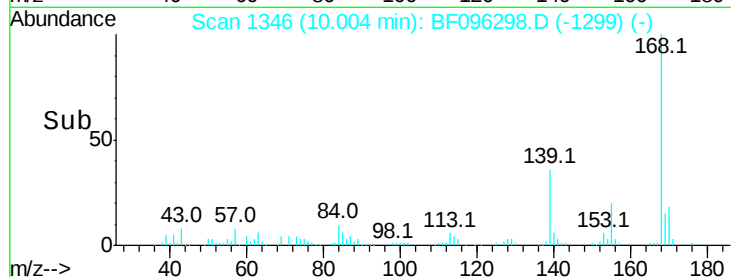
169 15.4 10.8 16.2



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



#57

Fluorene

Concen: Below Cal

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

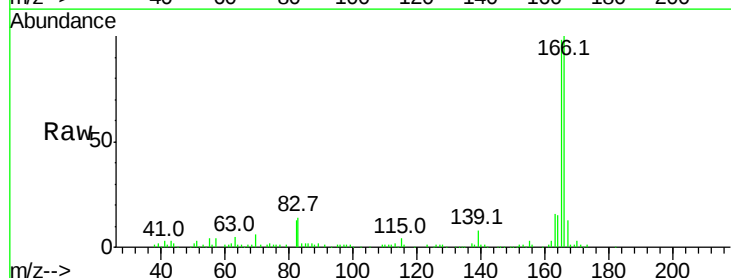
Tgt Ion:166 Resp: 111234

Ion Ratio Lower Upper

166 100

165 98.1 78.8 118.2

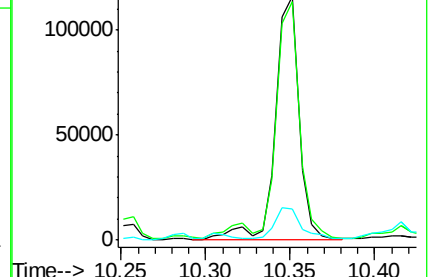
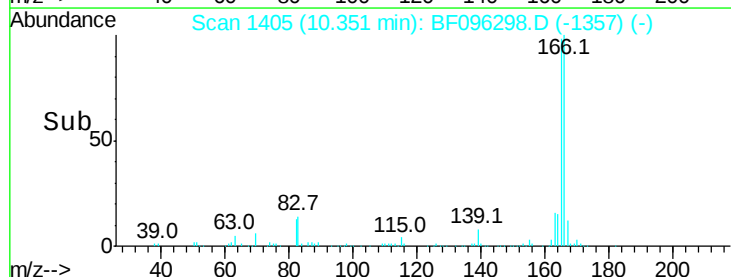
167 12.8 10.6 16.0

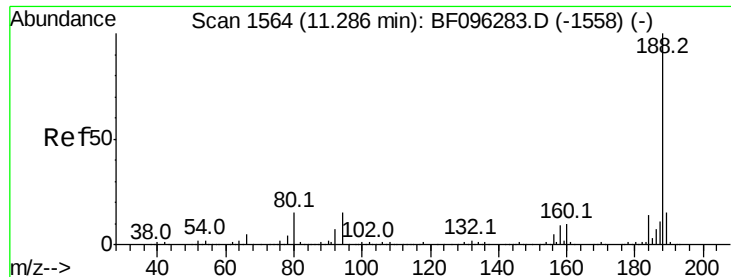


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

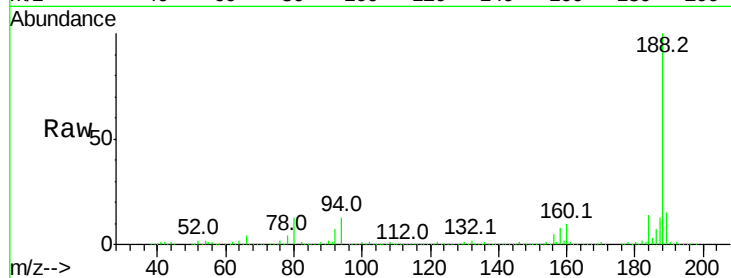
Tot Ion:188 Resp: 497658

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	12.6	10.2	15.2

188 100

94 13.1 9.4 14.2

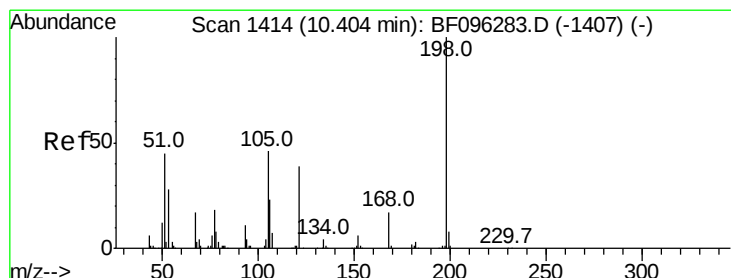
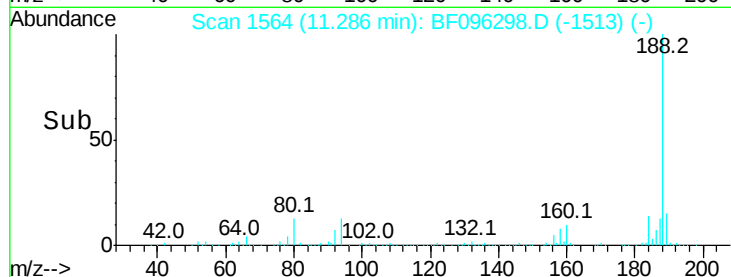
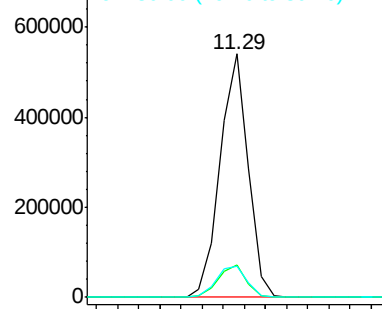
80 12.6 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.93 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.18 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

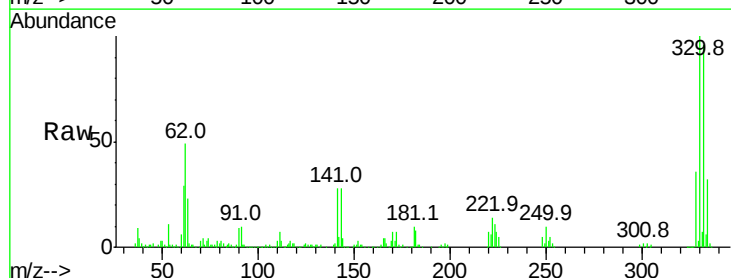
Tgt Ion:198 Resp: 578

Ion	Ratio	Lower	Upper
198	100		
51	607.4	53.2	93.2#
105	238.5	45.8	85.8#

198 100

51 607.4 53.2 93.2#

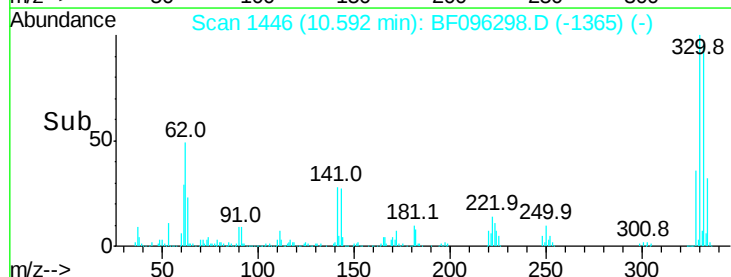
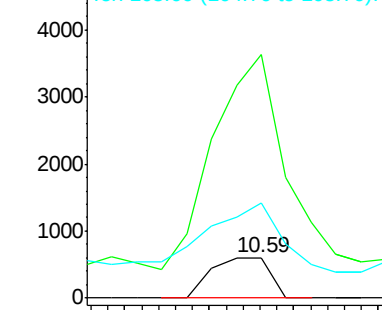
105 238.5 45.8 85.8#

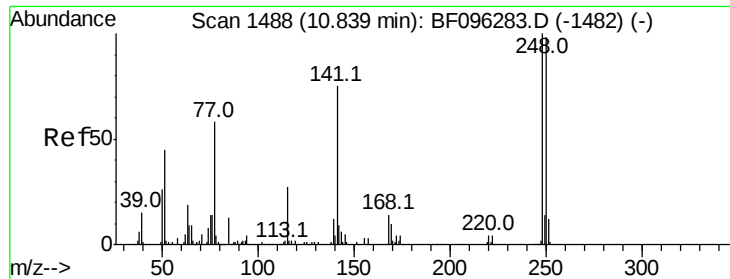


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

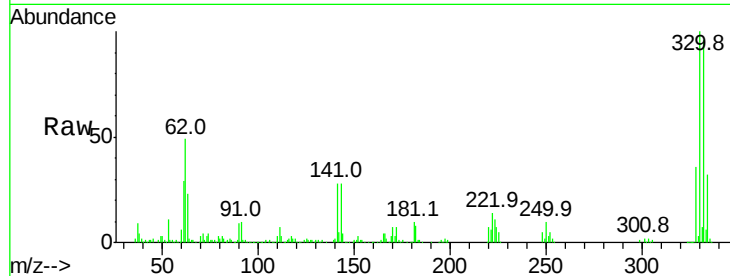




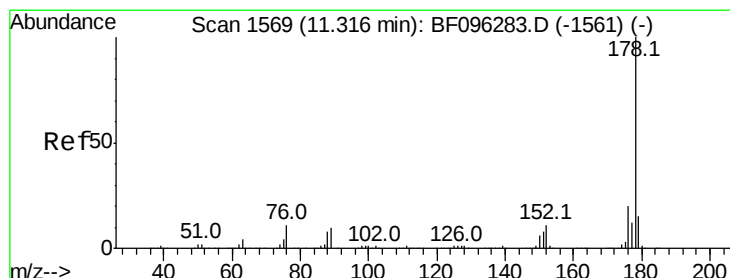
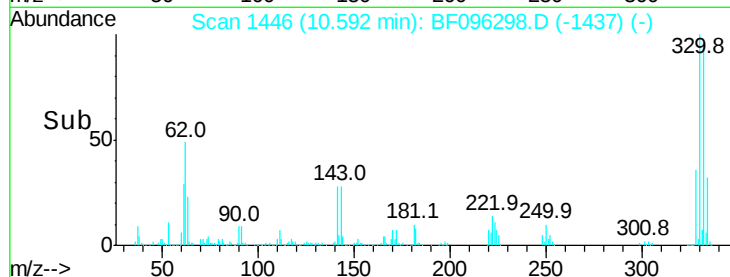
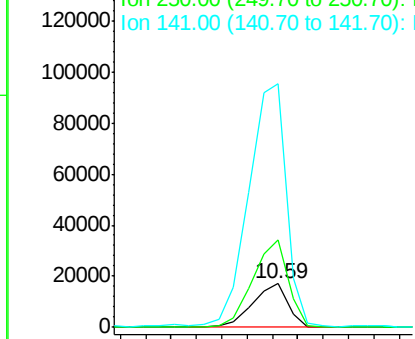
#66
 4-Bromophenyl-phenylether
 Concen: 3.23 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF096298.D
 Acq: 29 Jun 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16549
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.8 115.2#
 141 556.8 68.6 103.0#

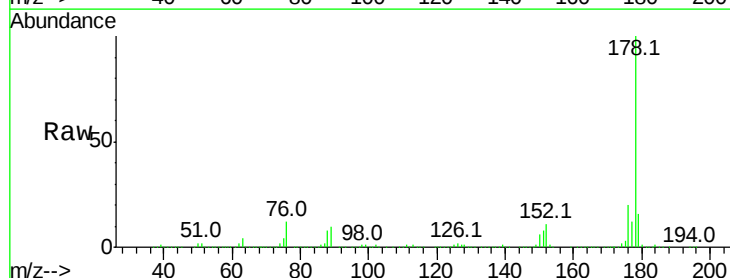


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

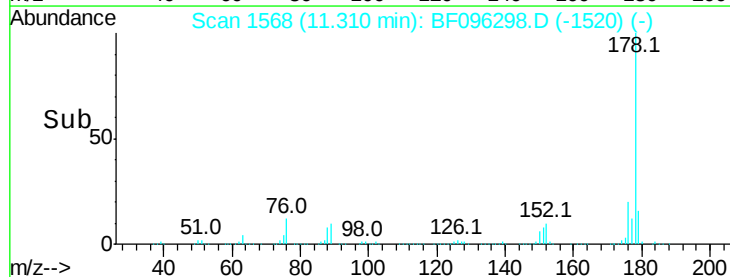
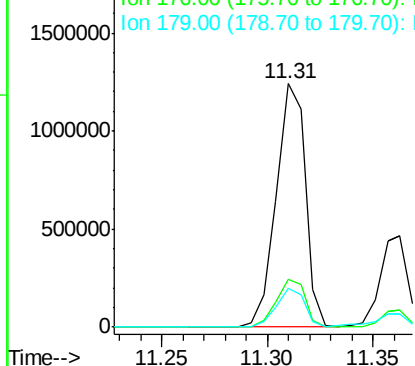


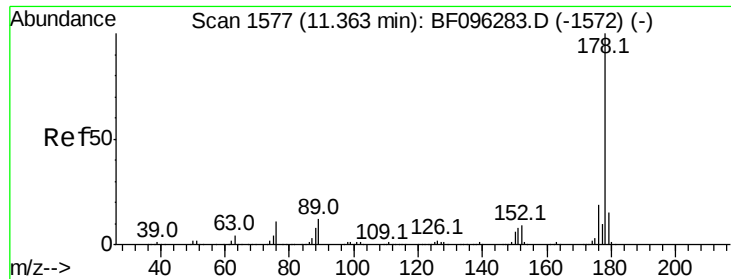
#70
 Phenanthrene
 Concen: 48.49 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF096298.D
 Acq: 29 Jun 2017 18:17

Tgt Ion:178 Resp: 1195298
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.8 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

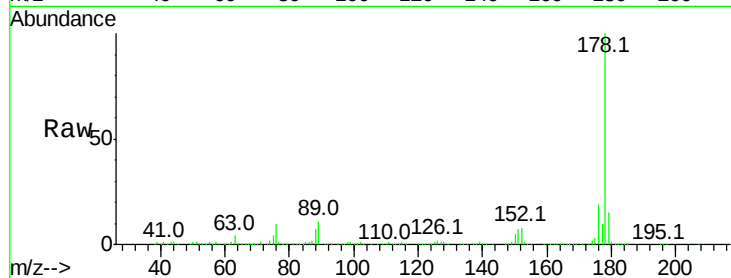




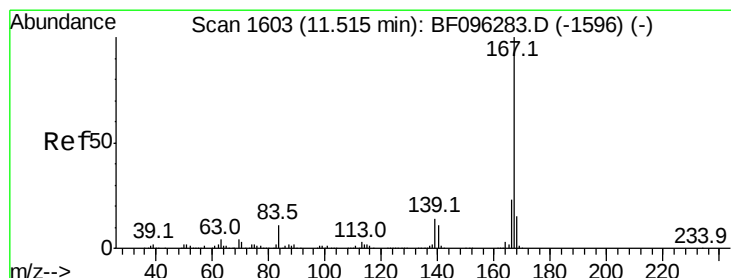
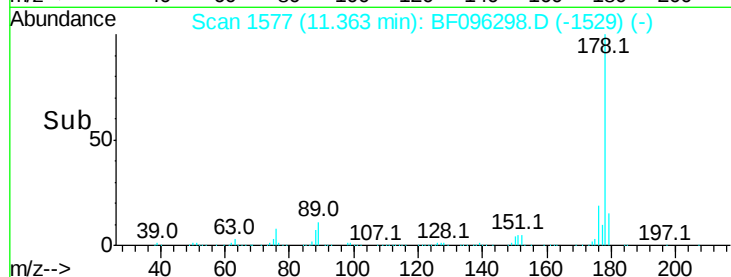
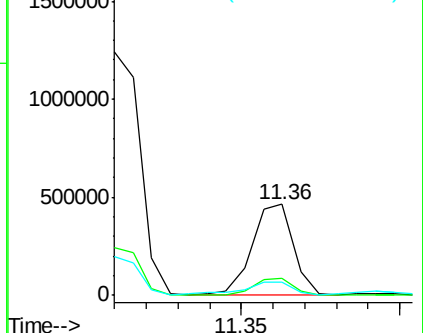
#71
 Anthracene
 Concen: 14.98 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF096298.D
 Acq: 29 Jun 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 416700
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.1 12.7 19.1

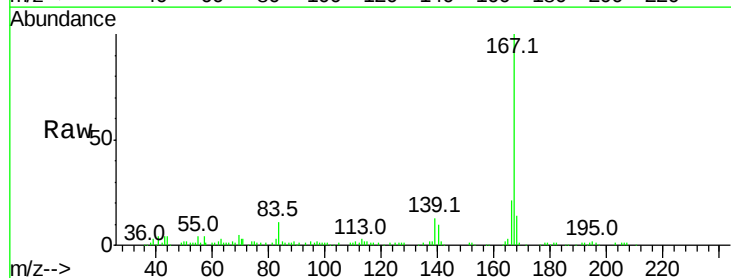


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

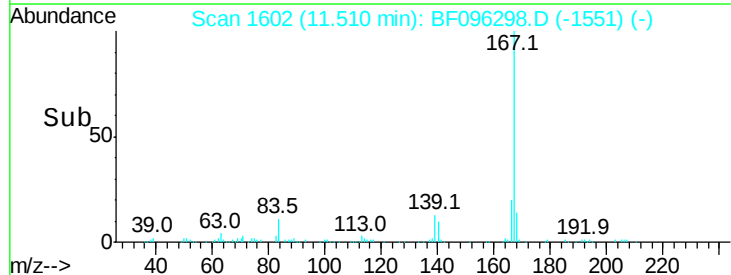
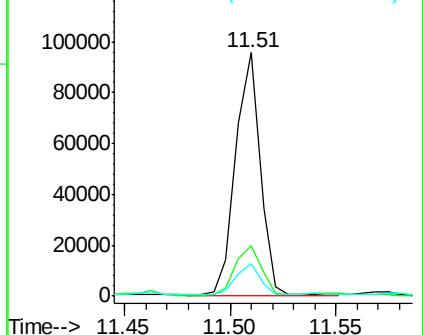


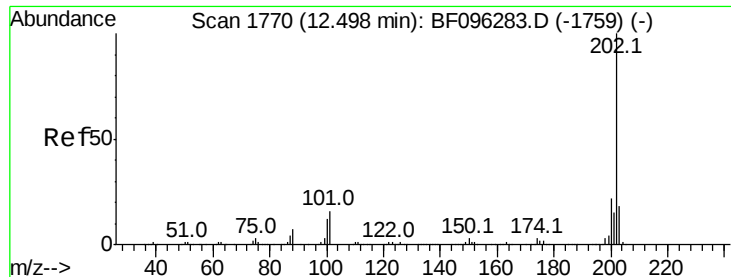
#72
 Carbazole
 Concen: 2.49 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF096298.D
 Acq: 29 Jun 2017 18:17

Tgt Ion:167 Resp: 76492
 Ion Ratio Lower Upper
 167 100
 166 20.6 18.1 27.1
 139 13.2 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 65.05 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

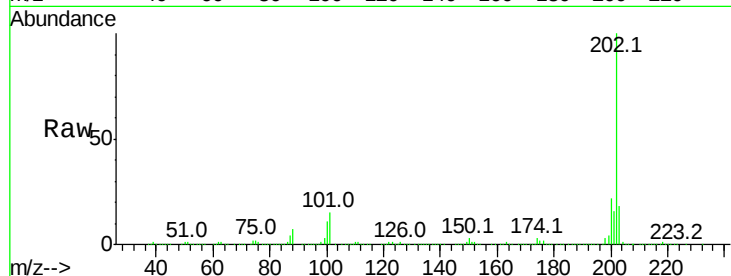
Tot Ion:202 Resp: 1798337

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.2

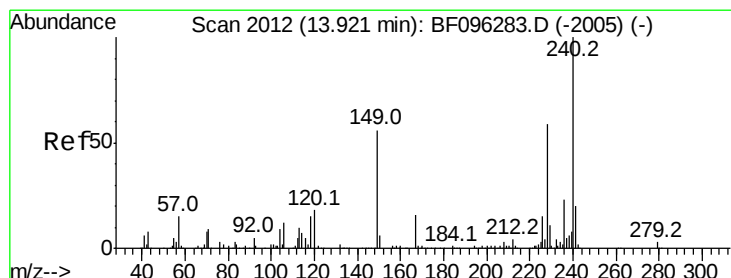
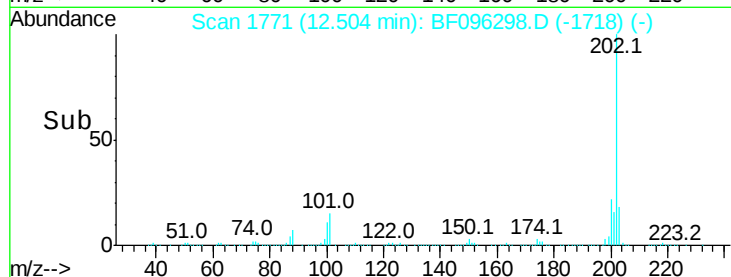
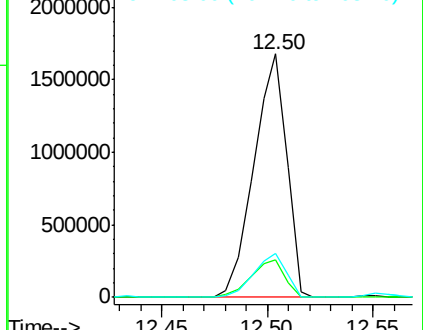
203 18.2 0.0 38.1



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: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

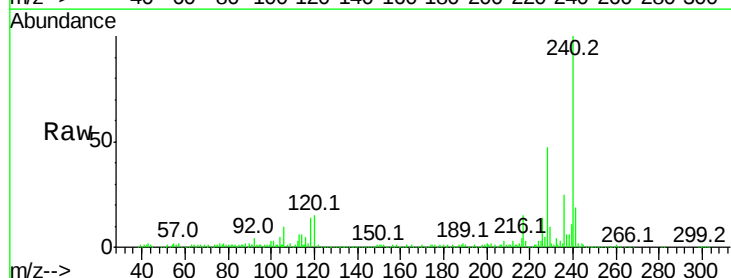
Tgt Ion:240 Resp: 291502

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

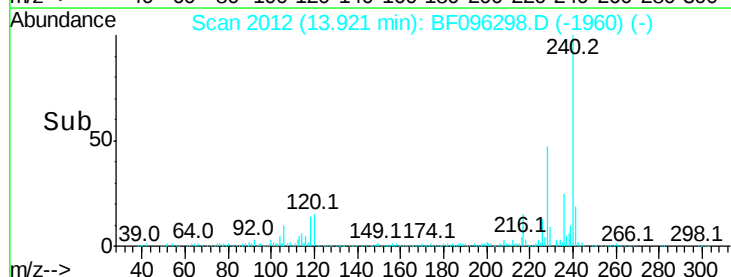
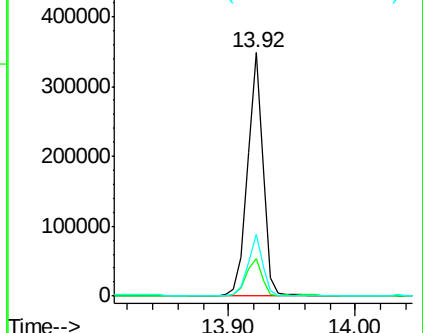
236 25.1 20.5 30.7

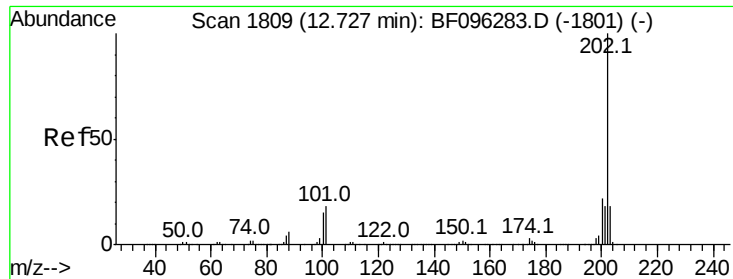


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

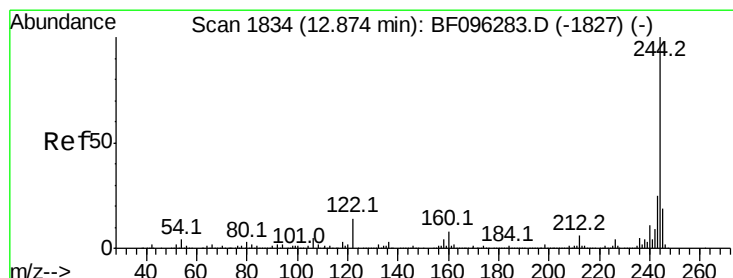
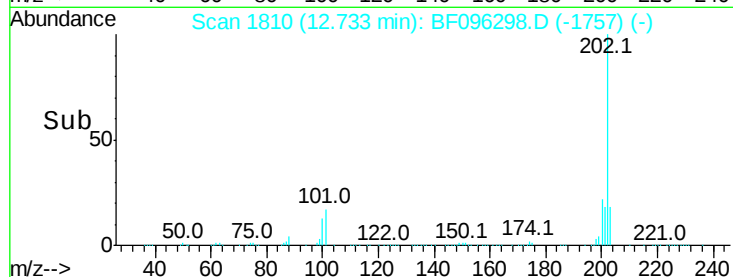
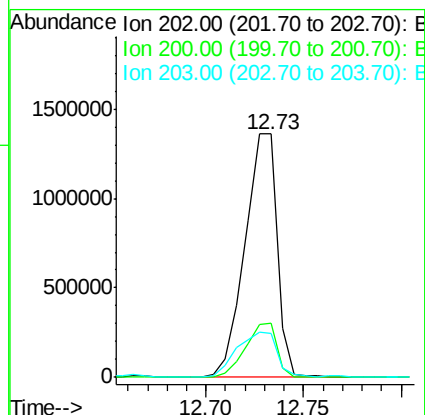
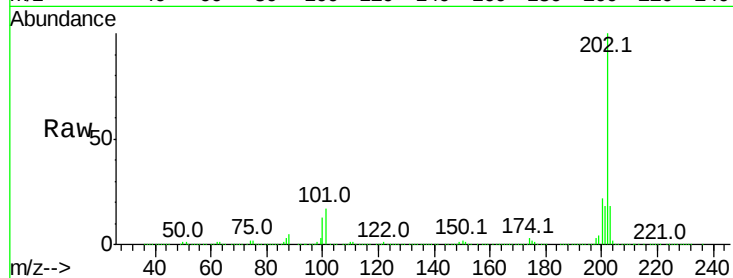




#77
Pvrene
Concen: 65.16 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

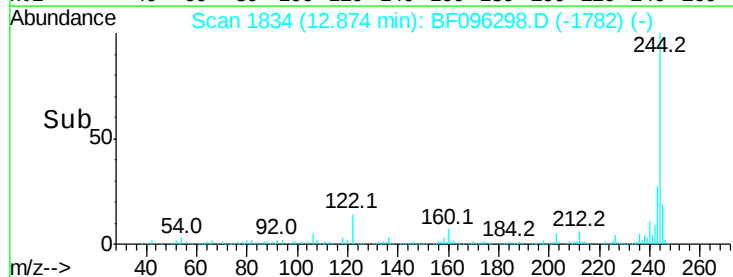
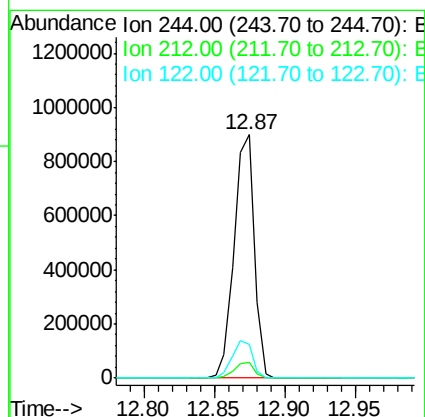
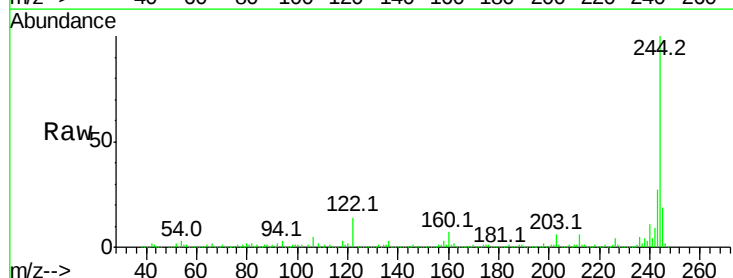
Instrument :
BNA_F
ClientSampleId :

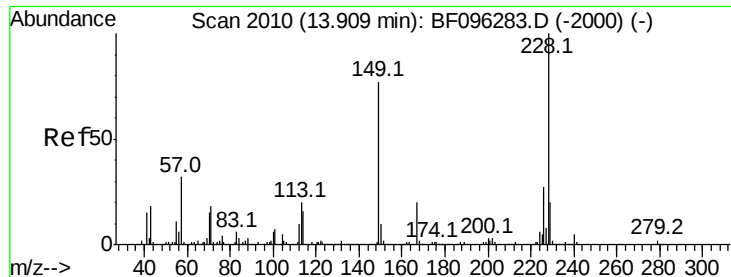
Tot Ion:202 Resp: 1561027
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 76.87 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion:244 Resp: 898013
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 13.9 10.3 15.5

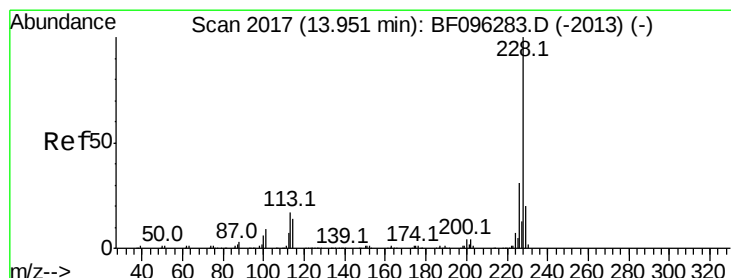
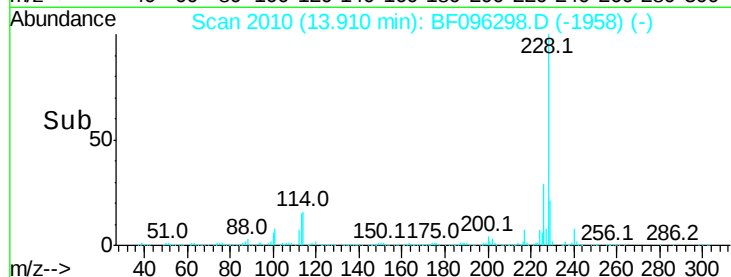
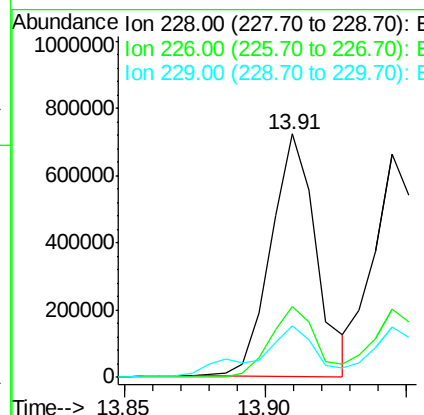
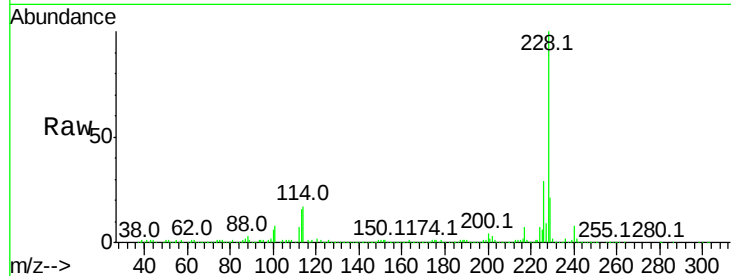




#80
Benzo(a)anthracene
Concen: 45.15 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

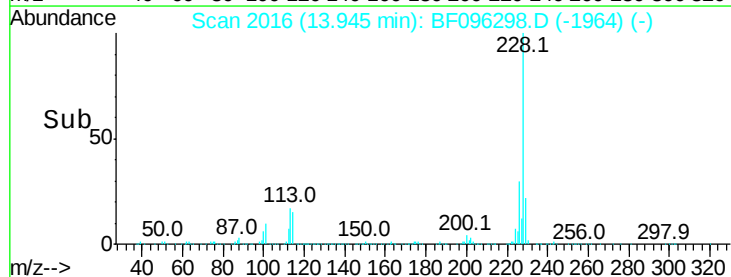
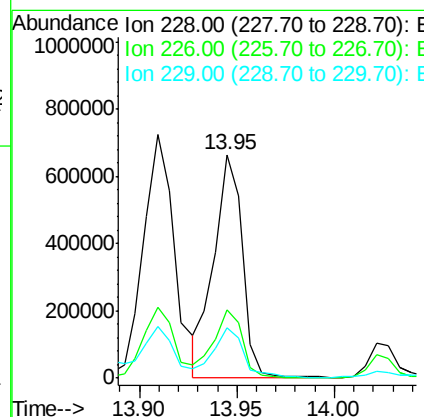
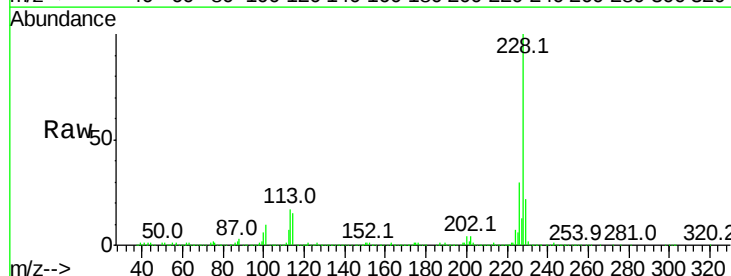
Instrument :
BNA_F
ClientSampled :

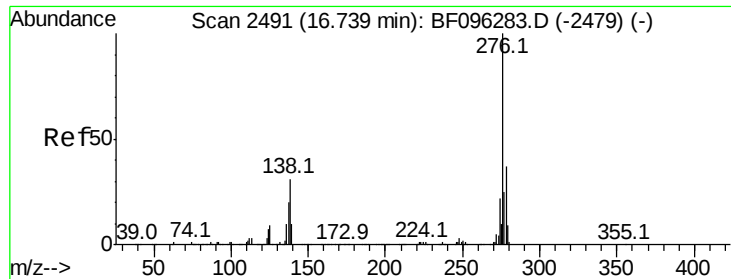
Tot Ion:228 Resp: 802291
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 21.0 16.3 24.5



#82
Chrysene
Concen: 36.36 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion:228 Resp: 668200
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 22.4 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.85 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.03 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

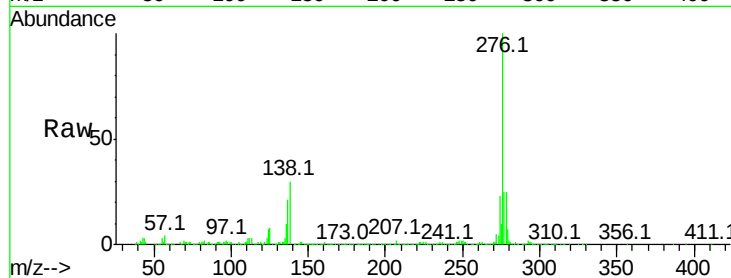
Tot Ion:276 Resp: 531598

Ion Ratio Lower Upper

276 100

138 30.4 27.8 41.6

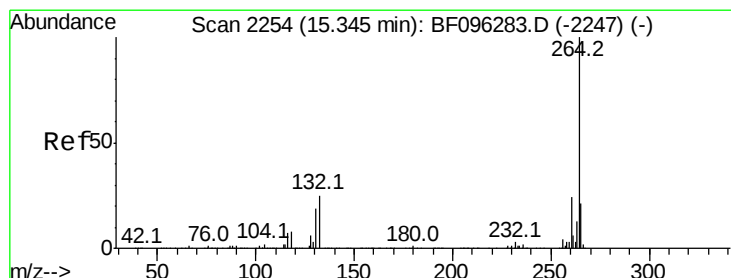
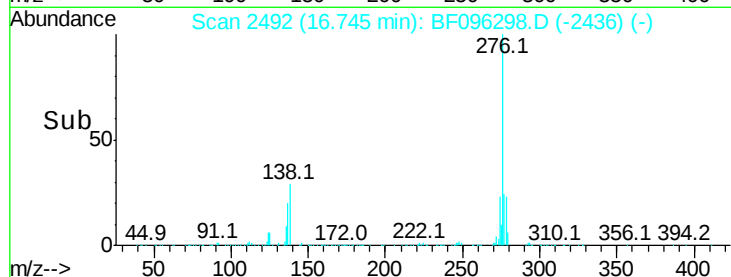
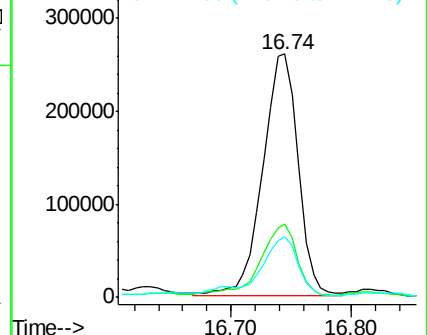
277 26.5 20.2 30.4



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: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

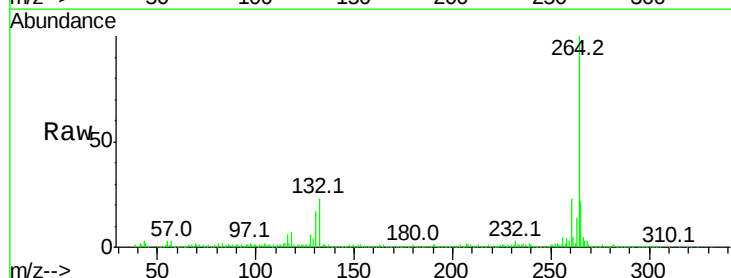
Tgt Ion:264 Resp: 342132

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

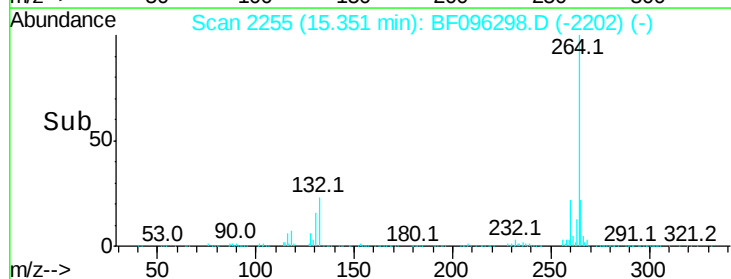
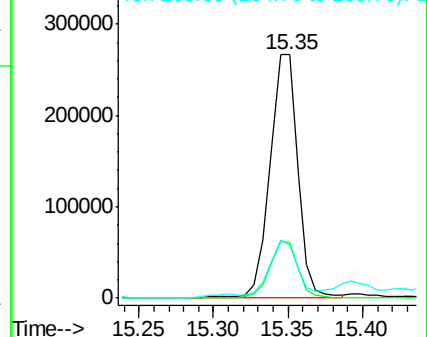
265 21.8 17.2 25.8

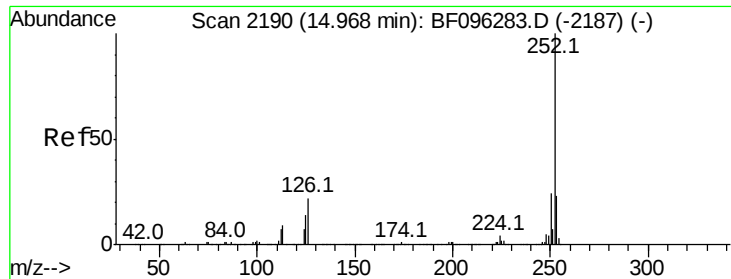


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

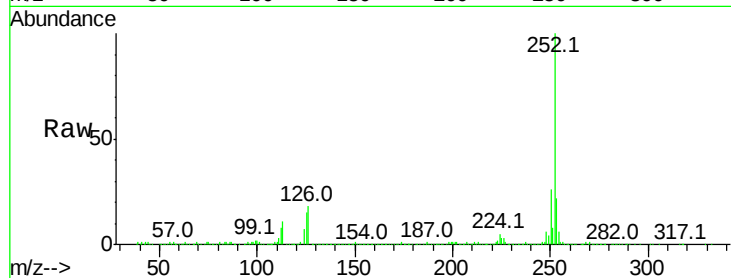




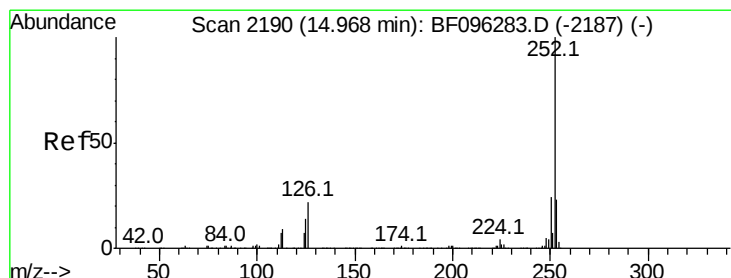
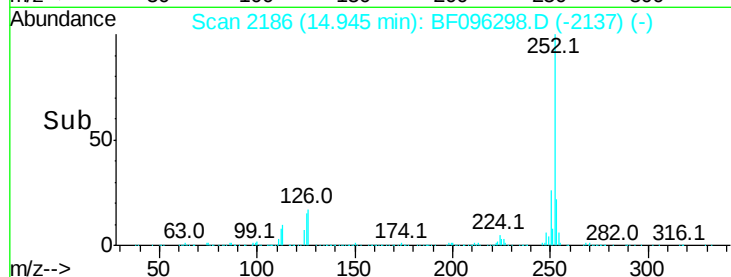
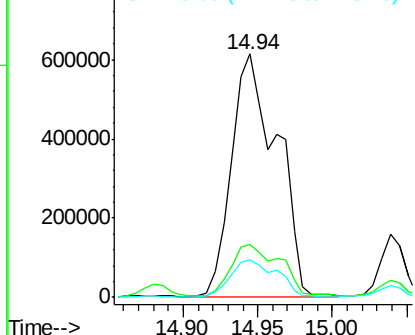
#87
Benzo(b)fluoranthene
Concen: 57.87 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1300678
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 15.2 9.8 14.8#

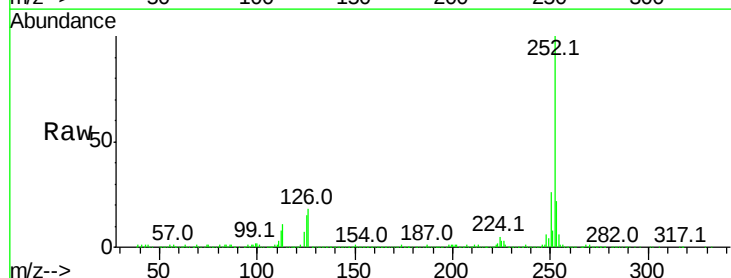


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

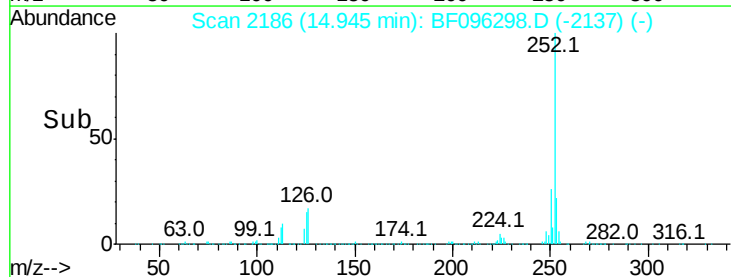
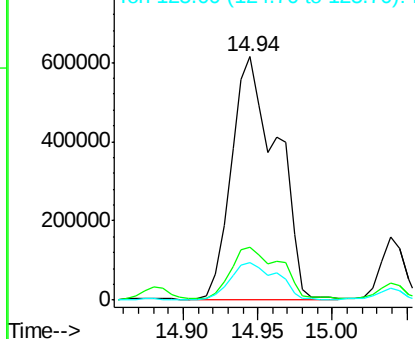


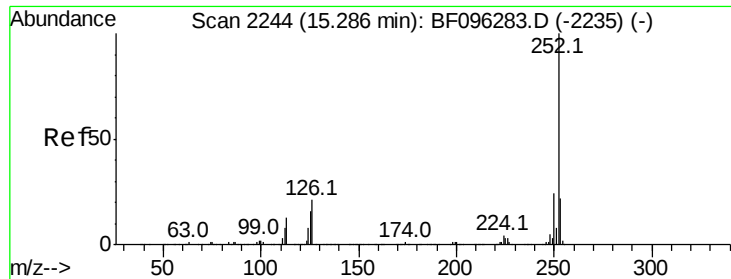
#88
Benzo(k)fluoranthene
Concen: 63.39 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion:252 Resp: 1300678
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 15.2 13.1 19.7



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

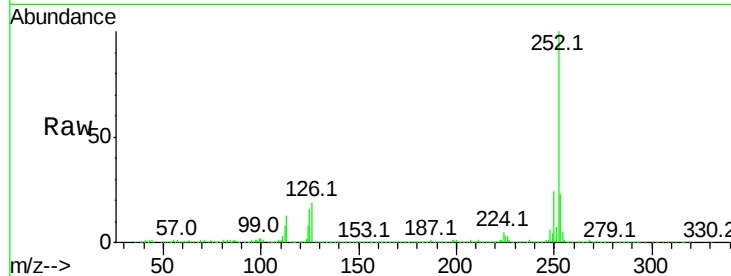




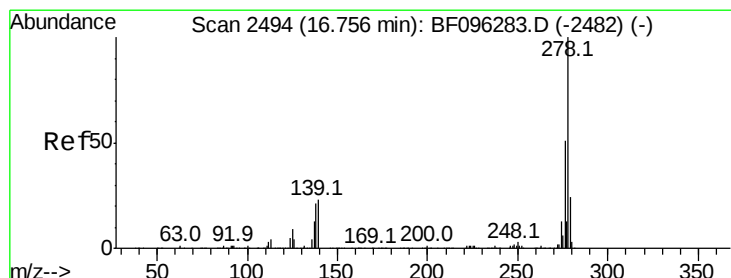
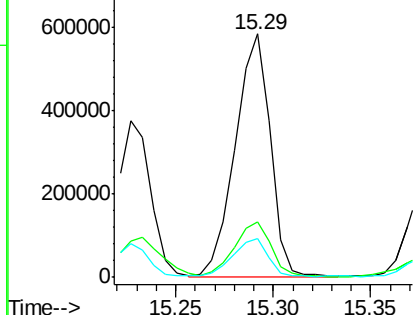
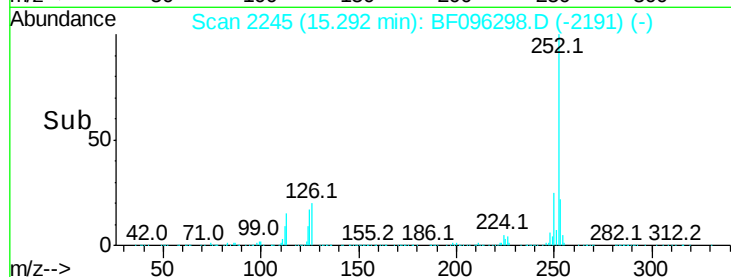
#89
Benzo(a)pyrene
Concen: 36.44 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 723365
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 15.7 11.0 16.4

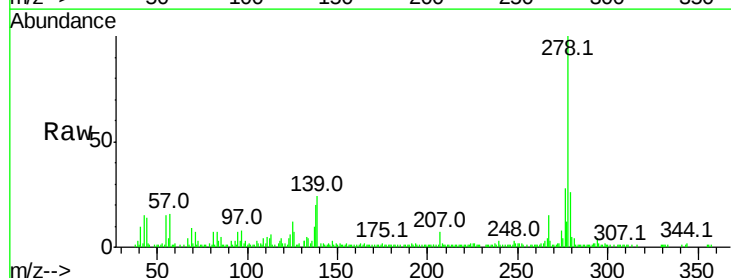


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

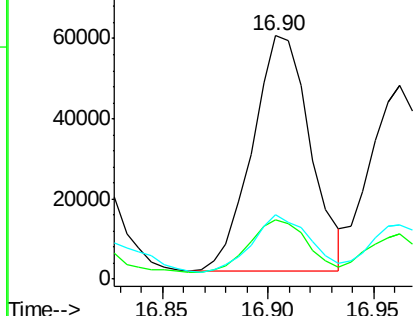
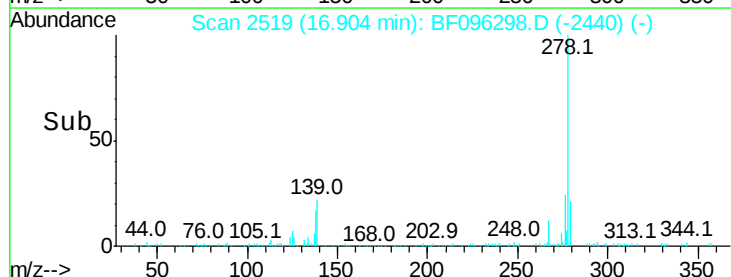


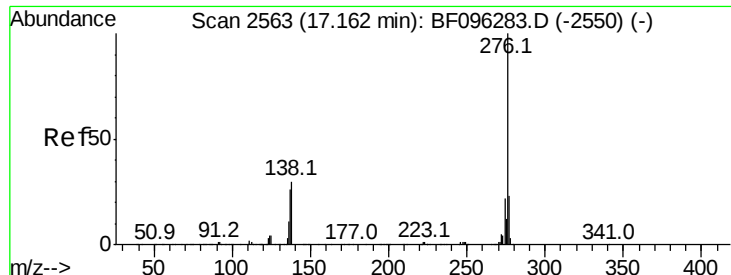
#90
Dibenzo(a,h)anthracene
Concen: 7.21 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.16 min
Lab File: BF096298.D
Acq: 29 Jun 2017 18:17

Tgt Ion:278 Resp: 112068
Ion Ratio Lower Upper
278 100
139 24.3 16.6 24.8
279 26.3 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: 29.42 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.04 min

Lab File: BF096298.D

Acq: 29 Jun 2017 18:17

Instrument :

BNA_F

ClientSampleId :

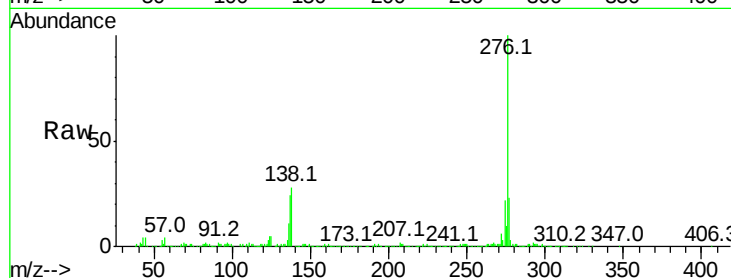
Tot Ion:276 Resp: 475324

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 28.0 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

