

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104325.D
 Acq On : 7 Apr 2018 00:08
 Operator : JU/SJ
 Sample : J2248-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 01:57:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149793	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	589140	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	252490	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	362179	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296803	20.00	ng	0.00
86) Perylene-d12	15.43	264	268930	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	908572	92.75	ng	0.01
7) Phenol-d6	6.43	99	1122245	93.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	650431	72.09	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	217142	82.91	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1144455	71.60	ng	0.00
78) Terphenyl-d14	12.92	244	793971	60.99	ng	0.00

Target Compounds

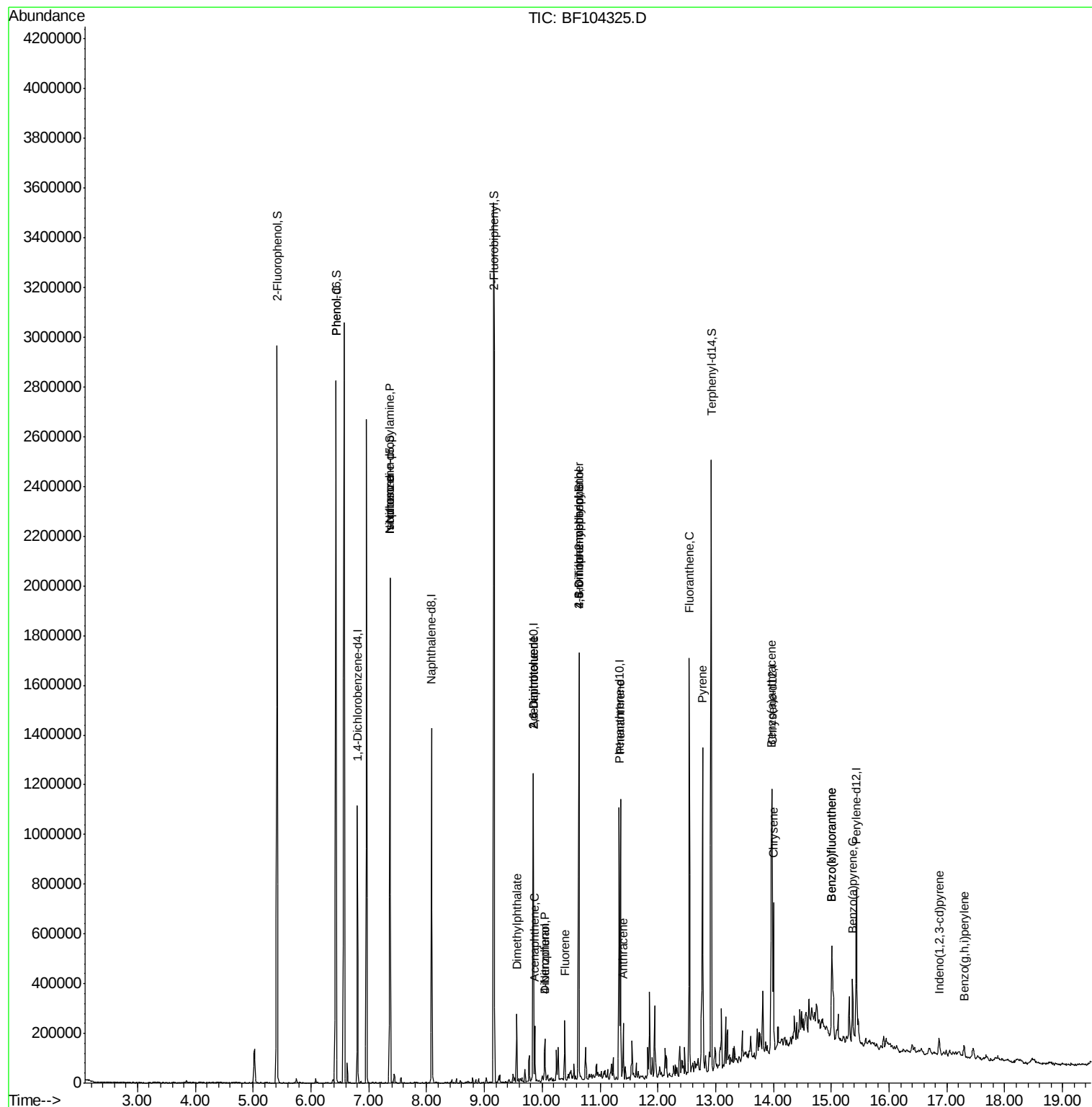
						Qvalue
10) Phenol	6.44	94	31212	2.444	ng	79
19) n-Nitroso-di-n-propylamine	7.37	70	85644	10.889	ng	# 75
25) Isophorone	7.37	82	650282	34.084	ng	# 64
49) Dimethylphthalate	9.56	163	91270	4.584	ng	98
50) 2,6-Dinitrotoluene	9.84	165	33031	8.965	ng	# 26
51) Acenaphthene	9.87	154	41616	2.595	ng	97
54) Dibenzofuran	10.05	168	52485	2.348	ng	97
55) 4-Nitrophenol	10.05	139	19152	5.653	ng	# 10
56) 2,4-Dinitrotoluene	9.84	165	33031	6.835	ng	# 23
57) Fluorene	10.39	166	58475	3.594	ng	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	405	7.542	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13176	3.420	ng	# 1
70) Phenanthrene	11.35	178	416823	20.666	ng	98
71) Anthracene	11.40	178	74334	3.626	ng	98
74) Fluoranthene	12.55	202	618504	29.350	ng	98
76) Benzydine	12.92	184	10440	Below Cal	#	92
77) Pyrene	12.77	202	490651	22.302	ng	98
80) Benzo(a)anthracene	13.96	228	222713	12.560	ng	98
82) Chrysene	14.00	228	200506	11.009	ng	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	48339	3.124	ng	# 93
87) Benzo(b)fluoranthene	15.01	252	272112	16.021	ng	# 93
88) Benzo(k)fluoranthene	15.01	252	272110	16.969	ng	96
89) Benzo(a)pyrene	15.37	252	113911	7.495	ng	96
91) Benzo(g,h,i)perylene	17.30	276	39098	3.233	ng	98

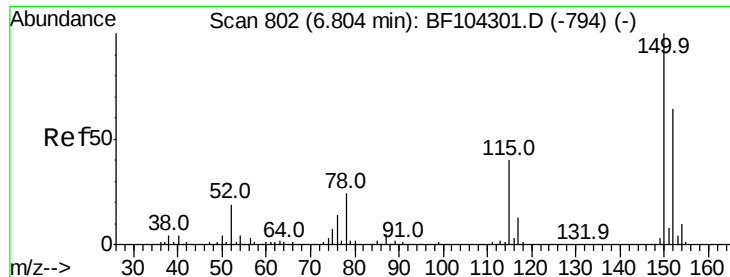
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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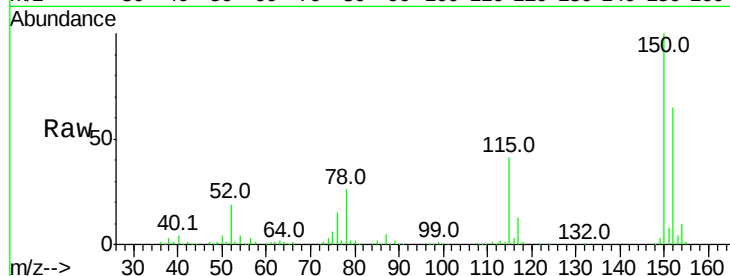


#1

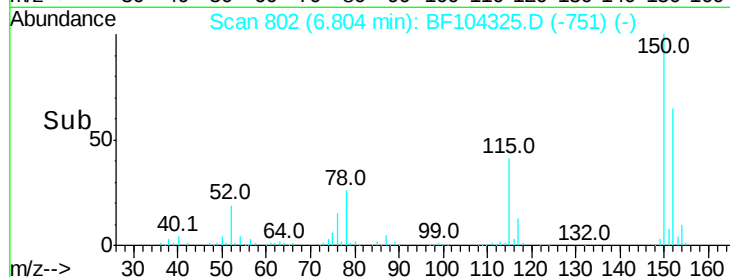
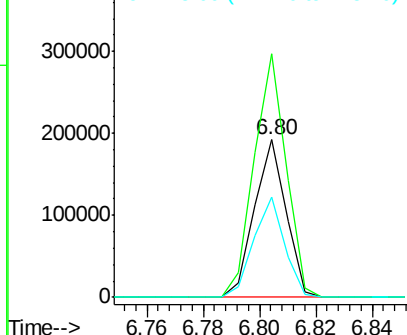
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149793
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 64.0 50.1 75.1



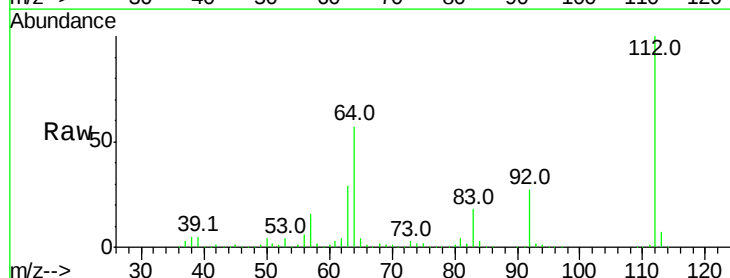
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



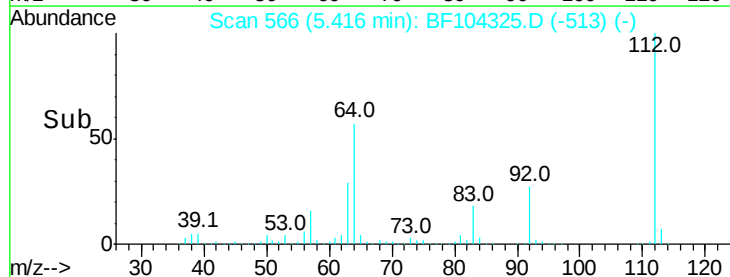
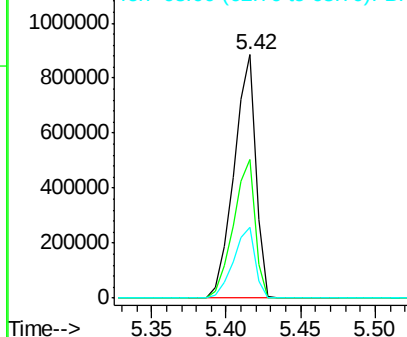
#5

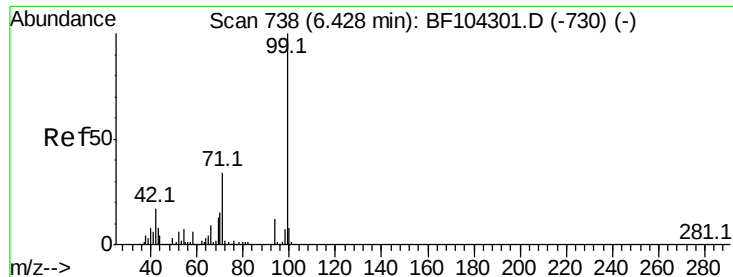
2-Fluorophenol
Concen: 92.745 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Tgt Ion:112 Resp: 908572
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.236 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampled :

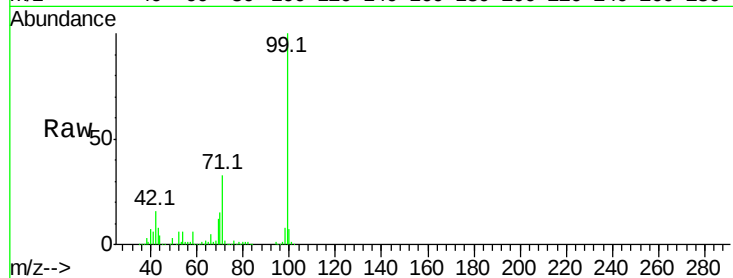
Tot Ion: 99 Resp: 1122245

Ion Ratio Lower Upper

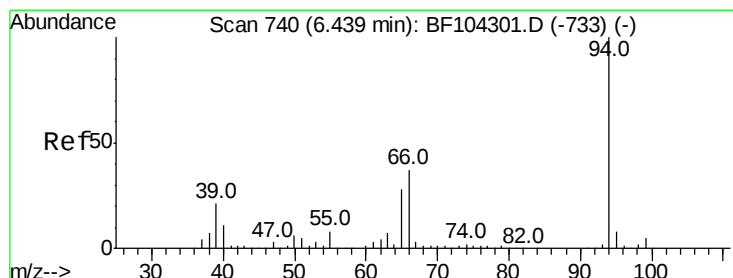
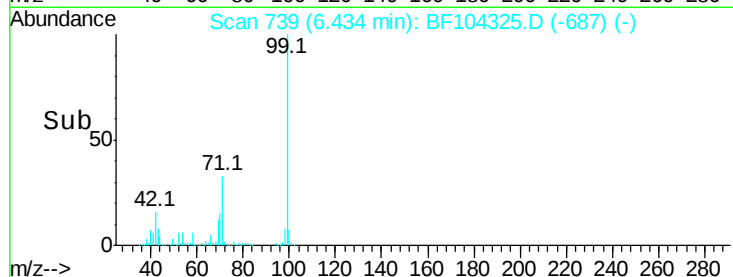
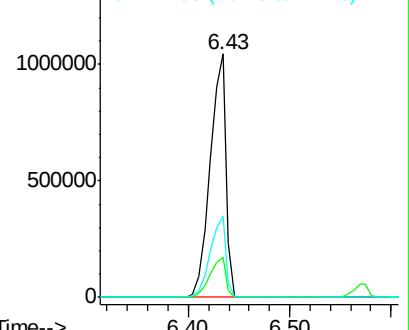
99 100

42 16.3 14.5 21.7

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.444 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

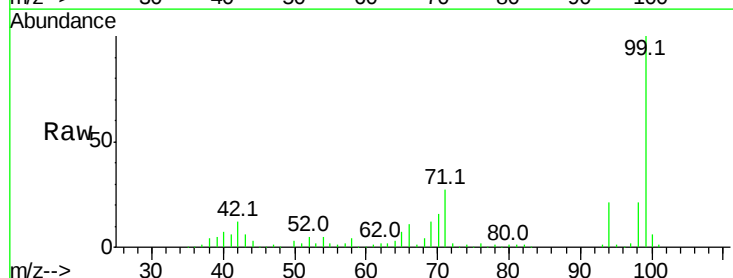
Tgt Ion: 94 Resp: 31212

Ion Ratio Lower Upper

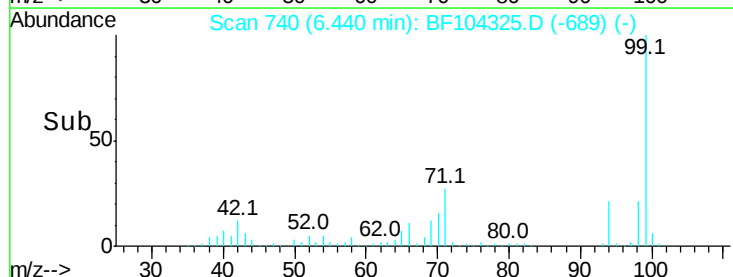
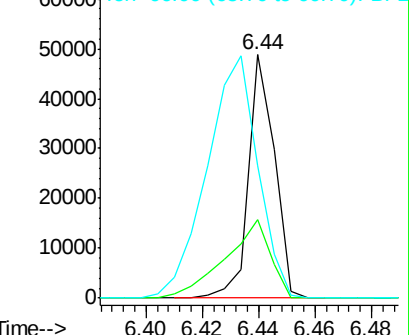
94 100

65 32.3 7.9 47.9

66 54.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.889 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 85644

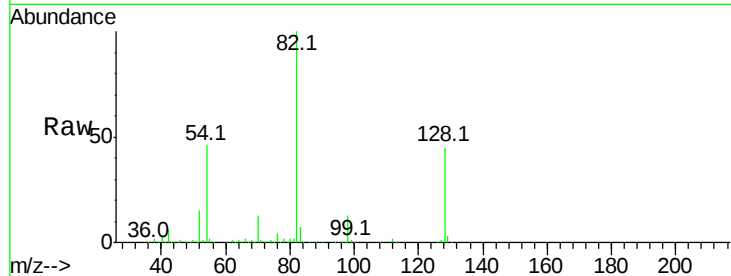
Ion Ratio Lower Upper

70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

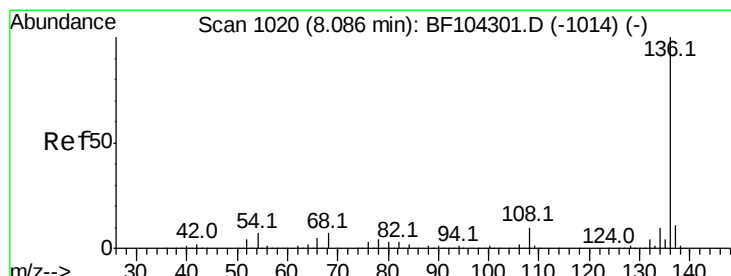
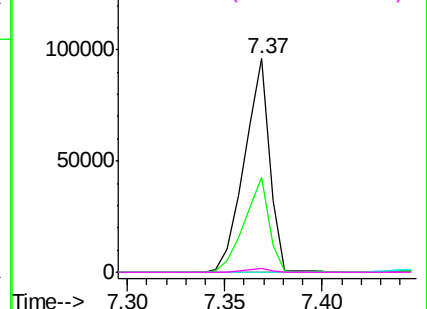
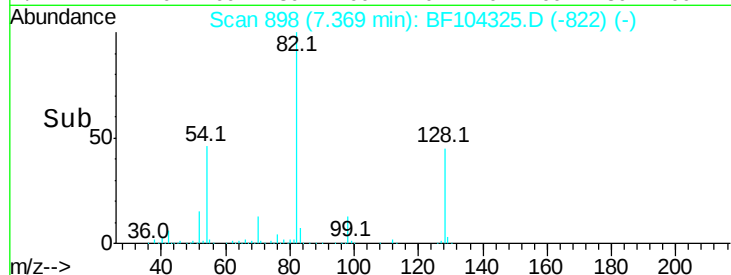


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Tgt Ion:136 Resp: 589140

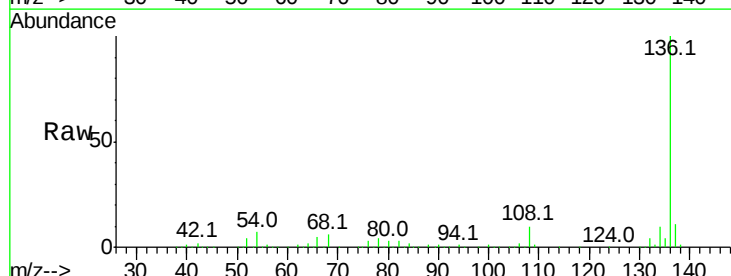
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 6.1 5.0 7.4

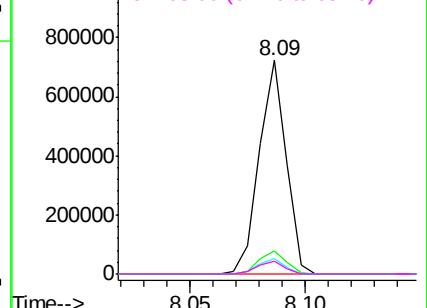
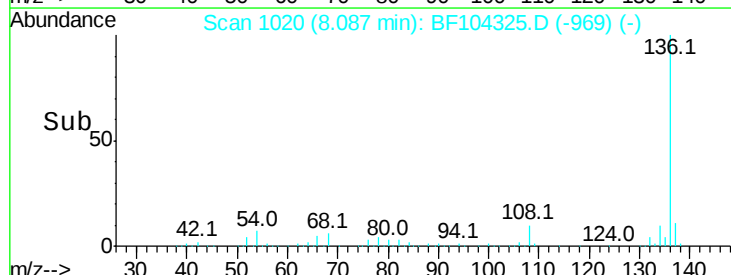


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

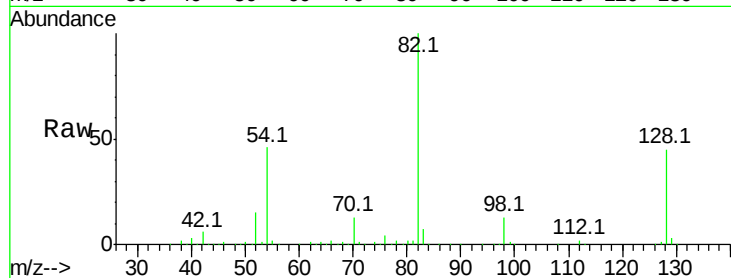




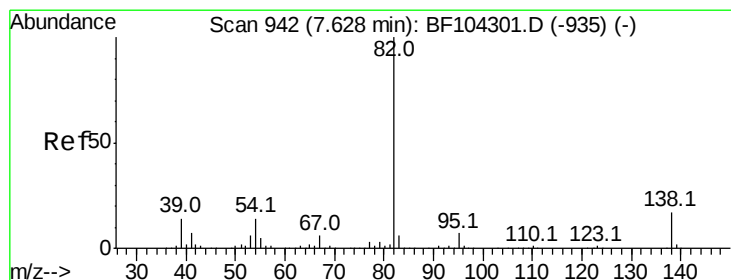
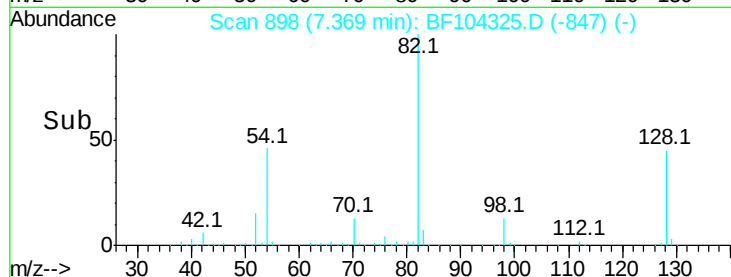
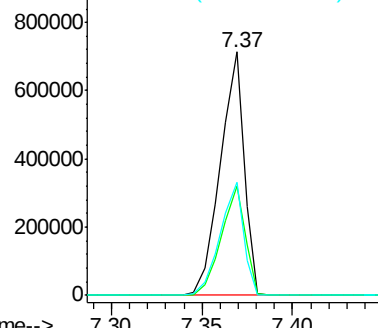
#23
 Nitrobenzene-d5
 Concen: 72.091 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104325.D
 Acq: 7 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 650431
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.1 54.1
 54 46.4 41.4 62.2

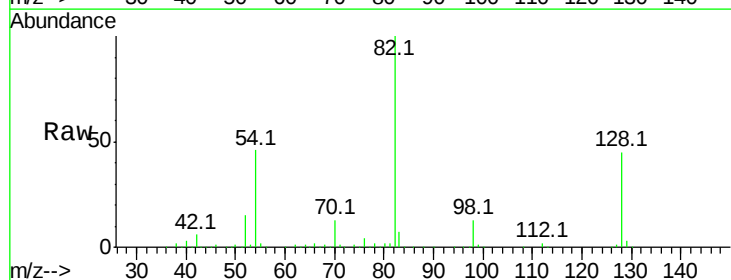


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

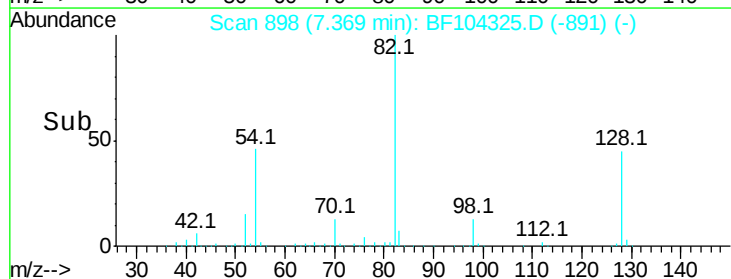
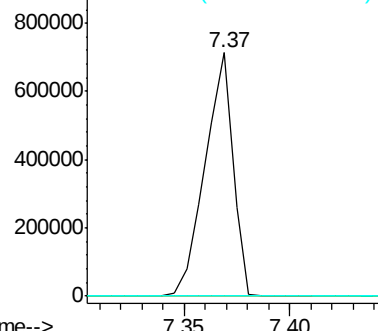


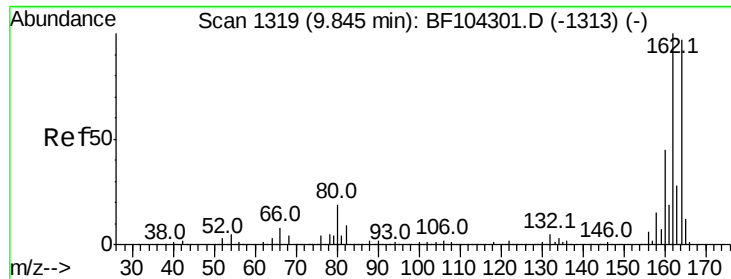
#25
 Isophorone
 Concen: 34.084 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104325.D
 Acq: 7 Apr 2018 00:08

Tgt Ion: 82 Resp: 650282
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

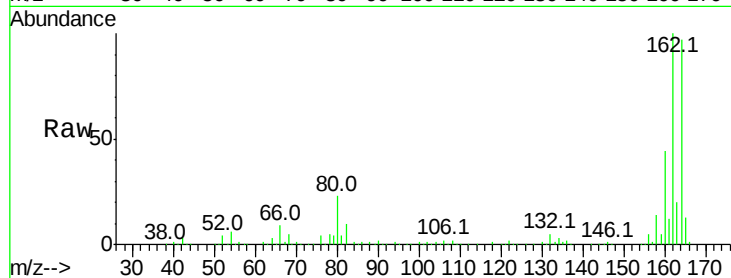




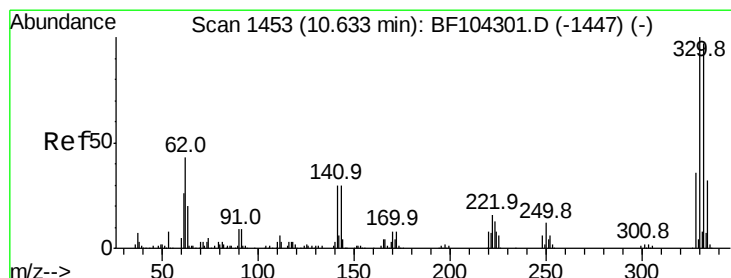
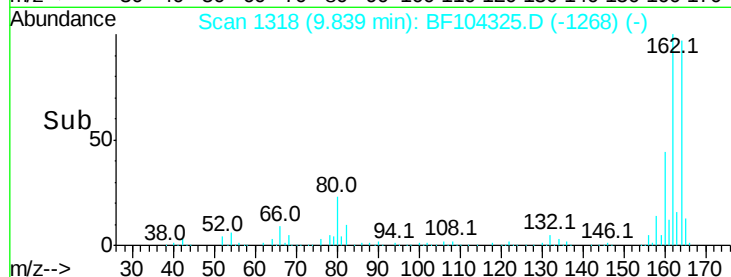
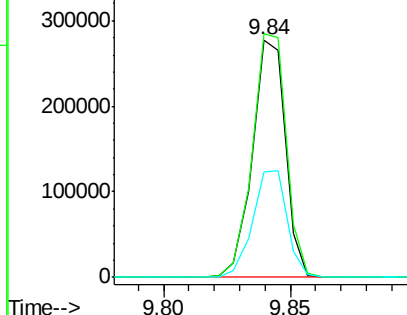
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104325.D
 Acq: 7 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 252490
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.7 38.3 57.5

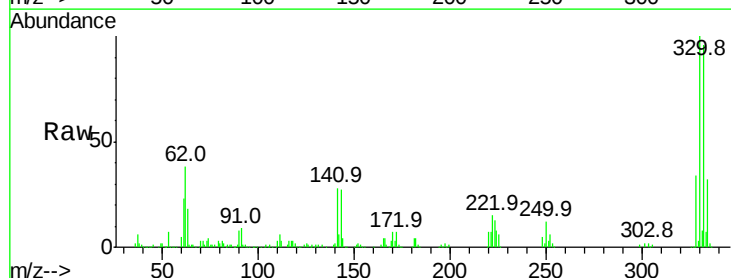


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

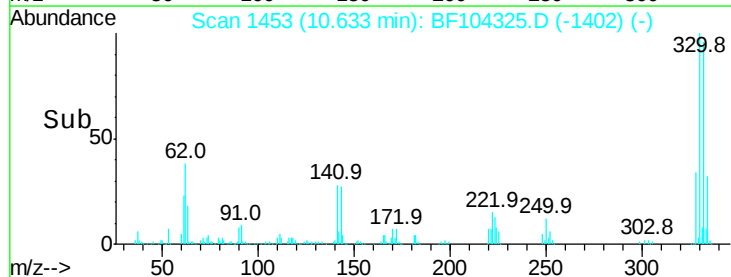
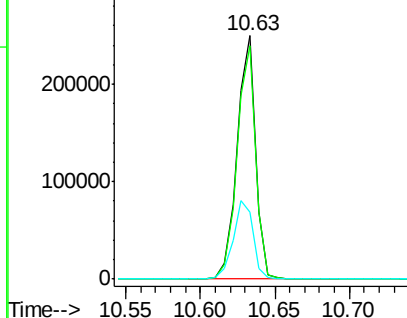


#41
 2,4,6-Tribromophenol
 Concen: 82.906 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104325.D
 Acq: 7 Apr 2018 00:08

Tgt Ion:330 Resp: 217142
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 35.3 29.9 44.9



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

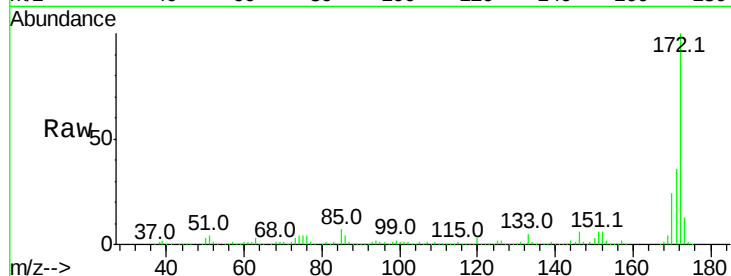




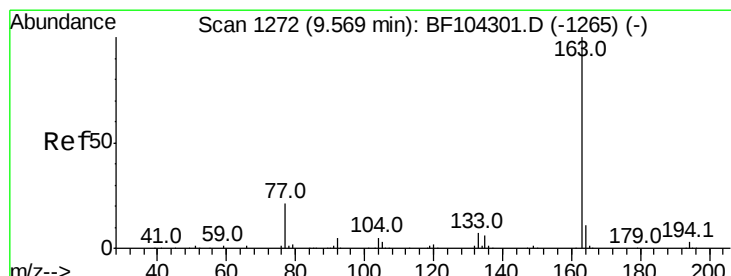
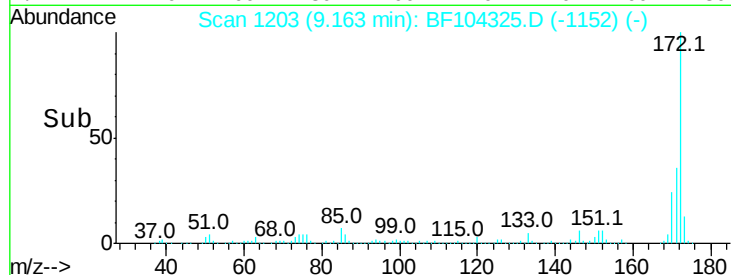
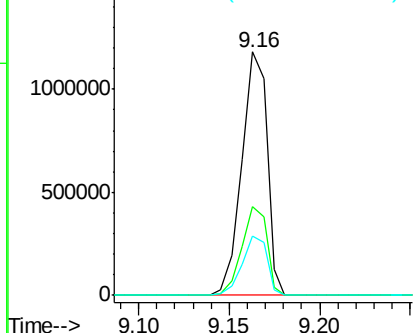
#44
2-Fluorobiphenyl
Concen: 71.605 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1144455
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

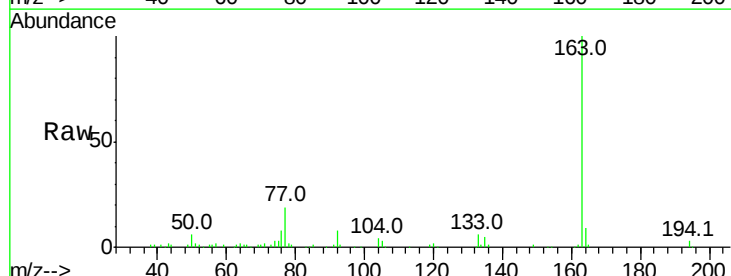


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

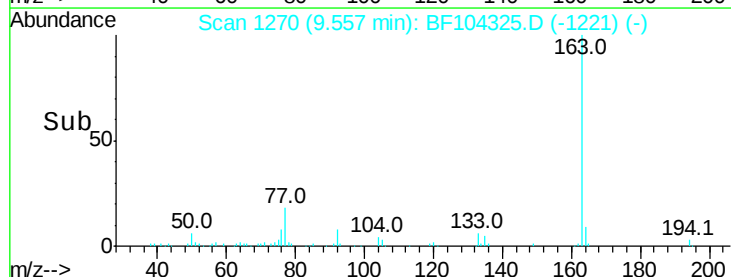
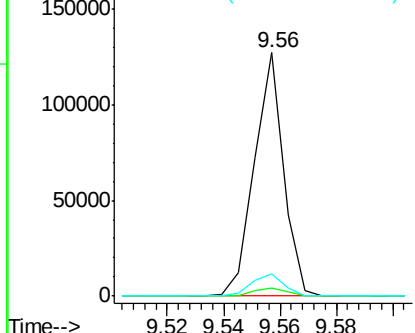


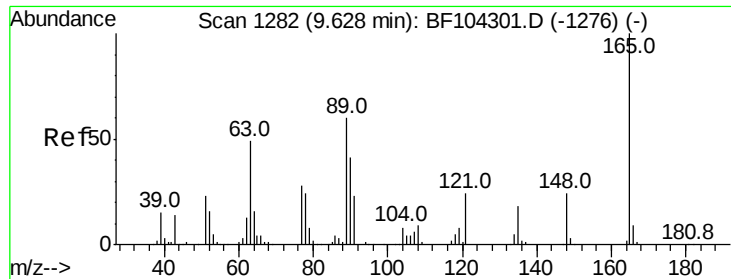
#49
Dimethylphthalate
Concen: 4.584 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Tgt Ion:163 Resp: 91270
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.3 8.2 12.2



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

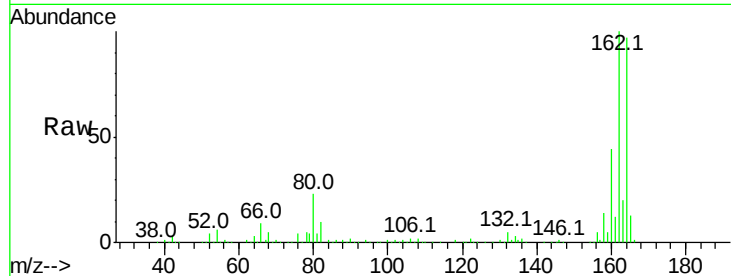




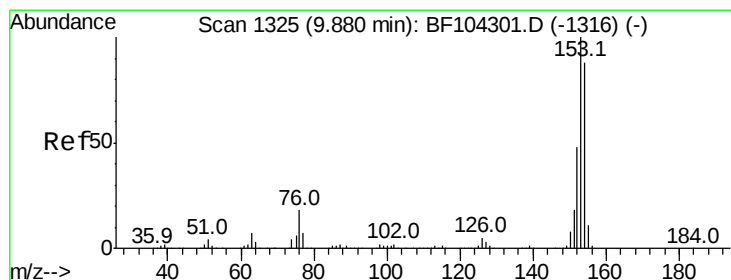
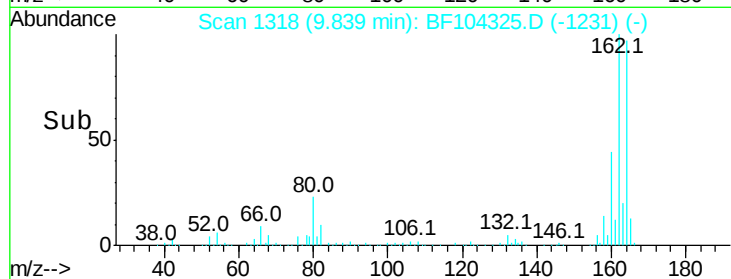
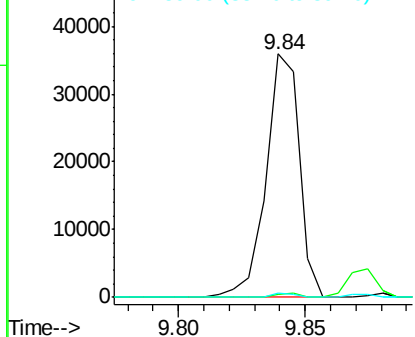
#50
 2,6-Dinitrotoluene
 Concen: 8.965 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104325.D
 Acq: 7 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.8	44.0	66.0#

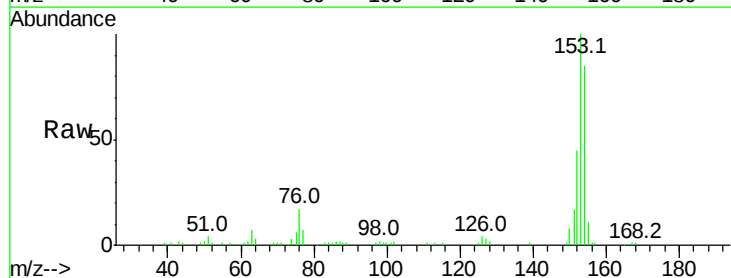


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

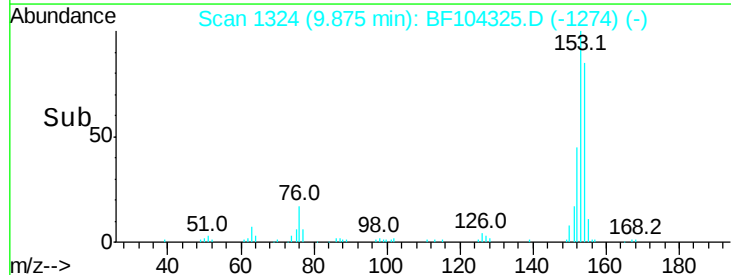
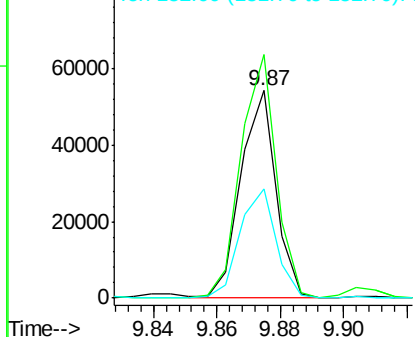


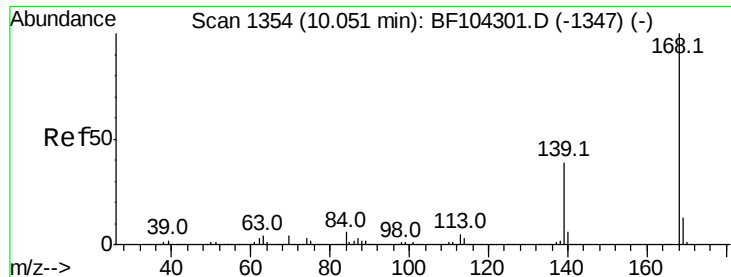
#51
 Acenaphthene
 Concen: 2.595 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF104325.D
 Acq: 7 Apr 2018 00:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.2	136.8
152	52.9	43.8	65.8



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





#54

Dibenzenofuran

Concen: 2.348 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

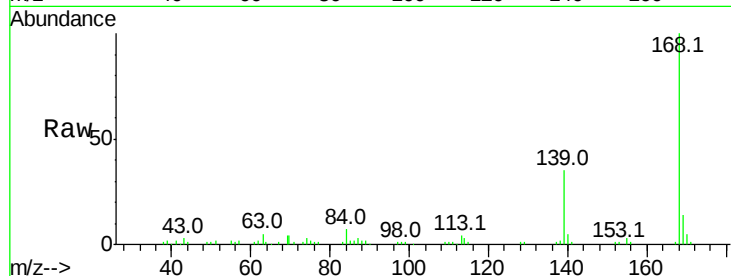
Tot Ion:168 Resp: 52485

Ion Ratio Lower Upper

168 100

139 35.4 30.1 45.1

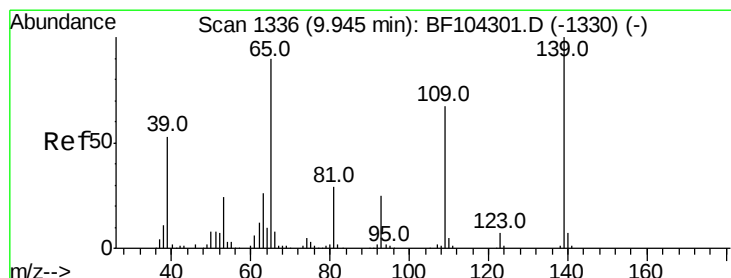
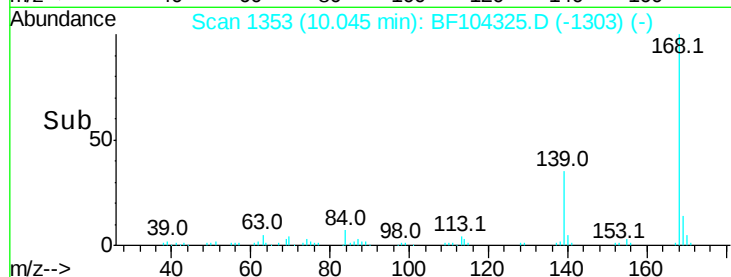
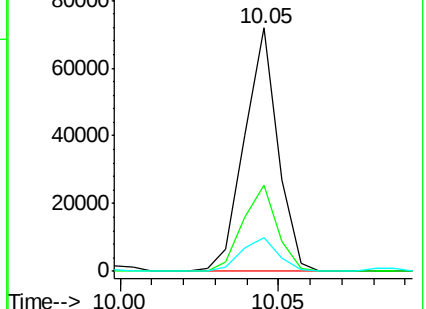
169 13.8 10.9 16.3



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: 5.653 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.10 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

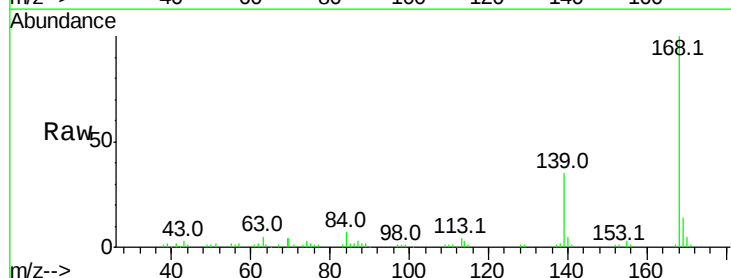
Tgt Ion:139 Resp: 19152

Ion Ratio Lower Upper

139 100

109 1.5 48.4 88.4#

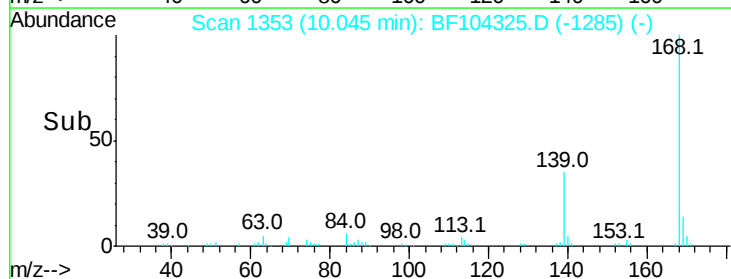
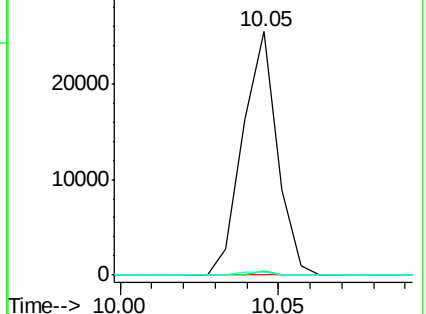
65 1.4 72.6 112.6#

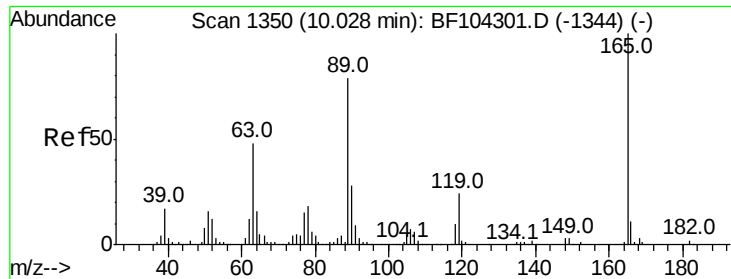


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

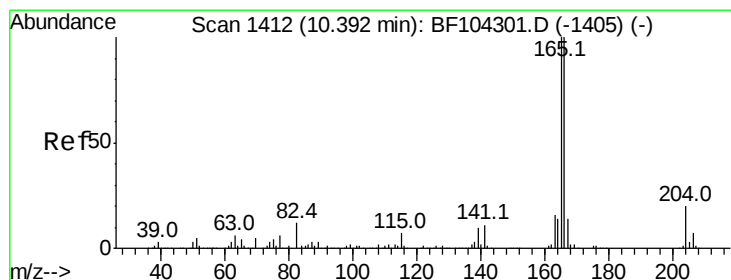
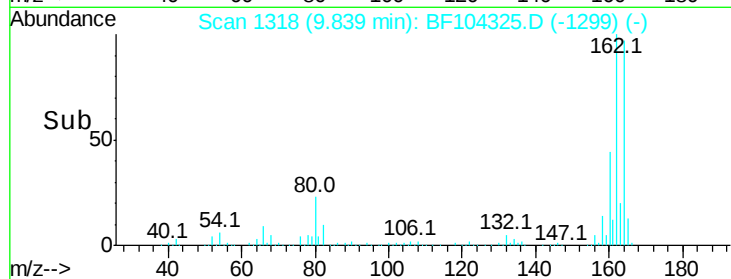
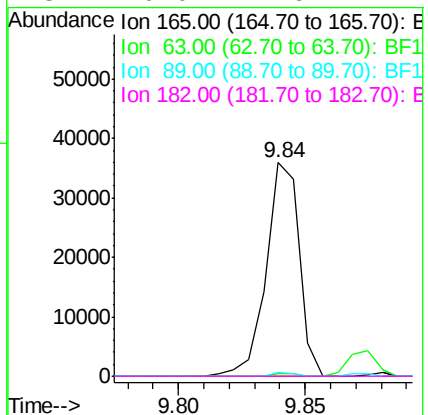
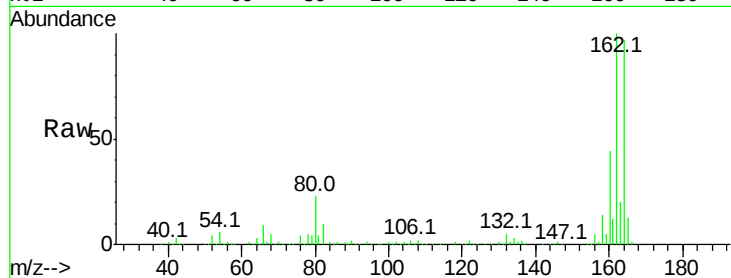




#56
2,4-Dinitrotoluene
Concen: 6.835 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

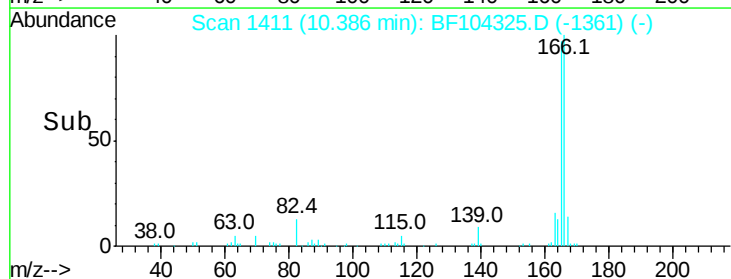
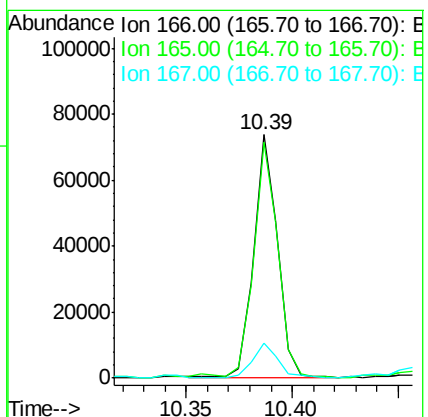
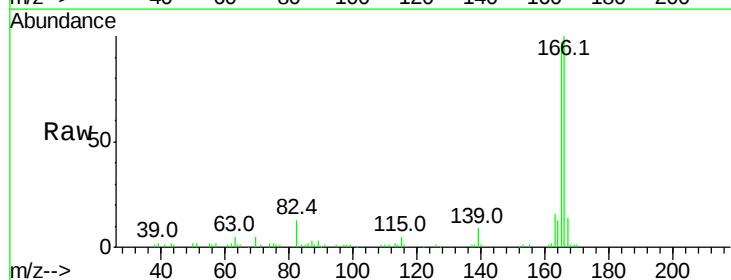
Instrument :
BNA_F
ClientSampleId :

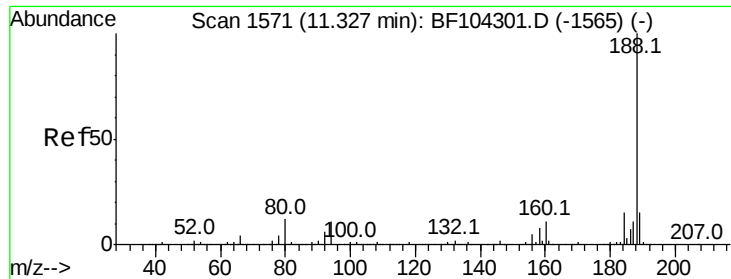
Tot Ion:	165	Resp:	33031
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 3.594 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Tgt Ion:	166	Resp:	58475
Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.8
167	14.4	10.6	16.0

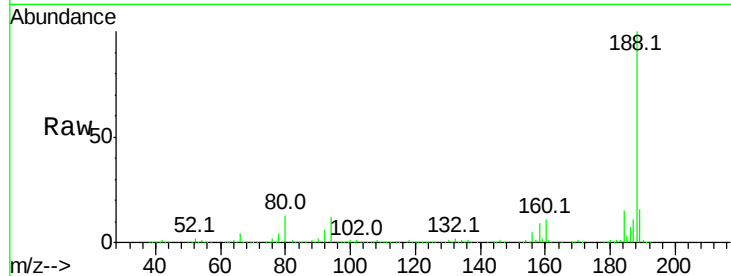




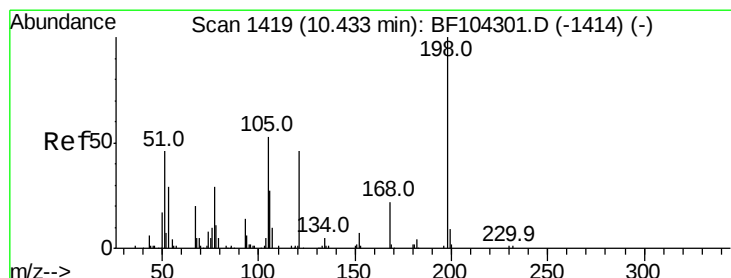
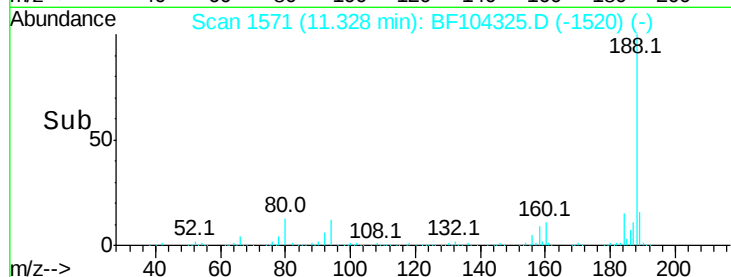
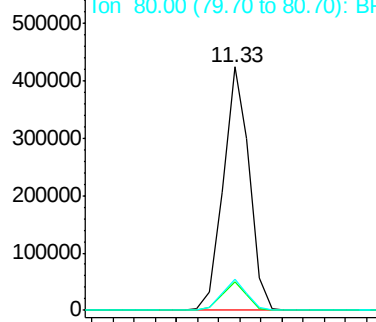
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 362179
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.8 9.2 13.8

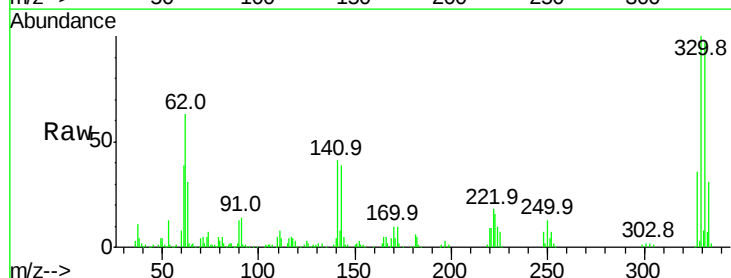


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

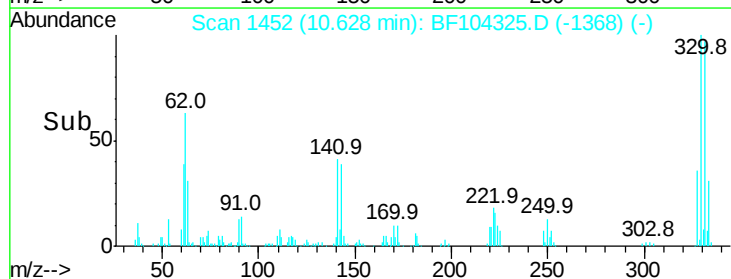
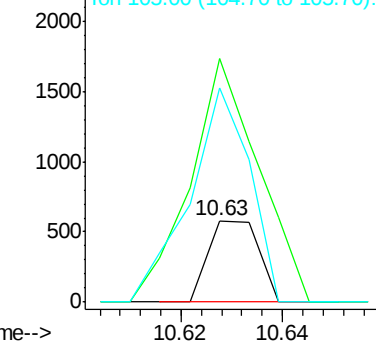


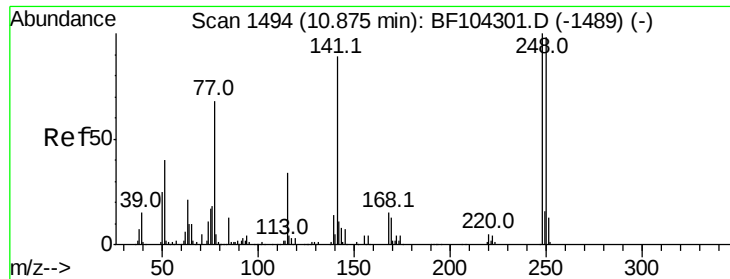
#64
4,6-Dinitro-2-methylphenol
Concen: 7.542 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Tgt Ion:198 Resp: 405
Ion Ratio Lower Upper
198 100
51 298.5 37.7 77.7#
105 262.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

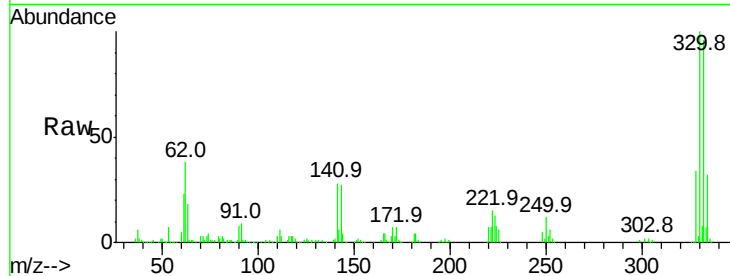




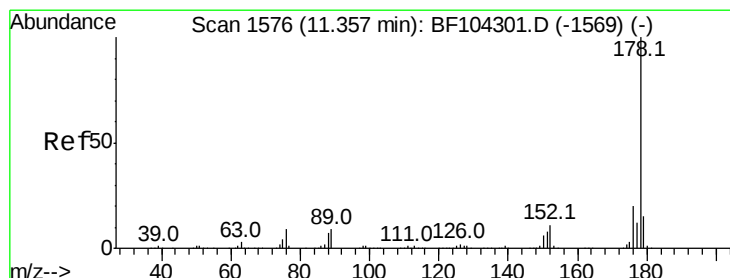
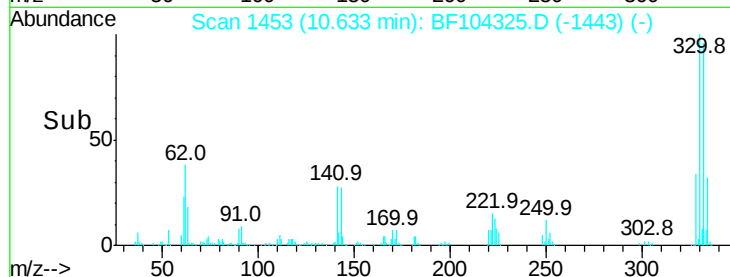
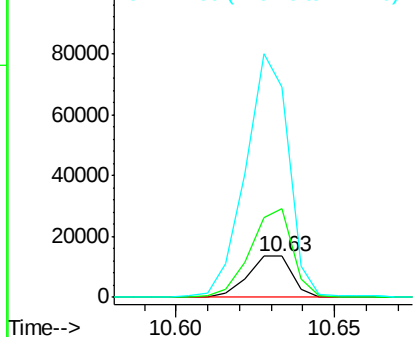
#66
4-Bromophenyl-phenylether
Concen: 3.420 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13176
Ion Ratio Lower Upper
248 100
250 213.2 76.9 115.3#
141 510.1 74.4 111.6#

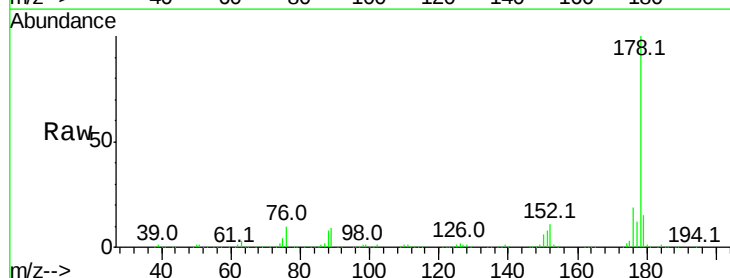


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

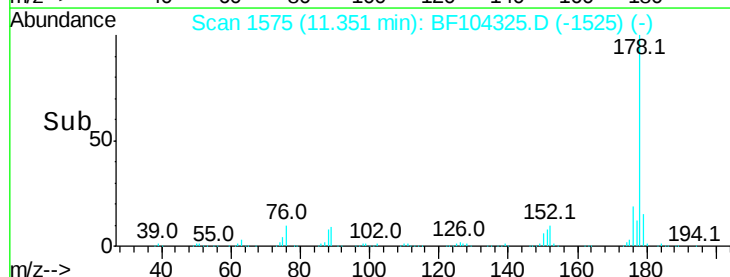
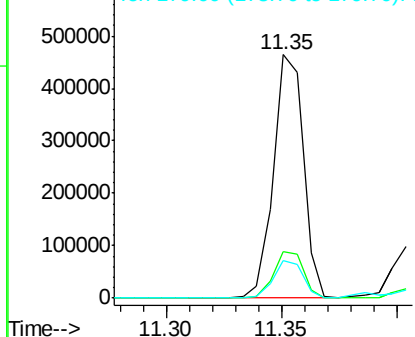


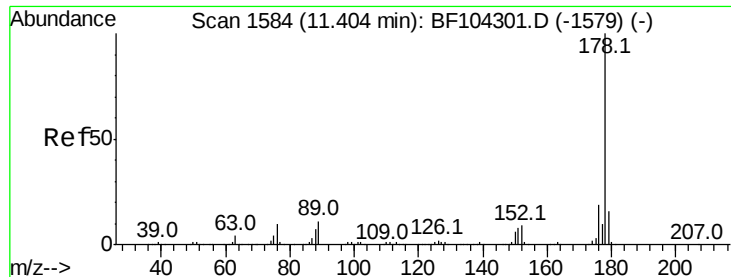
#70
Phenanthrene
Concen: 20.666 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Tgt Ion:178 Resp: 416823
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.5 13.0 19.6



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: 3.626 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

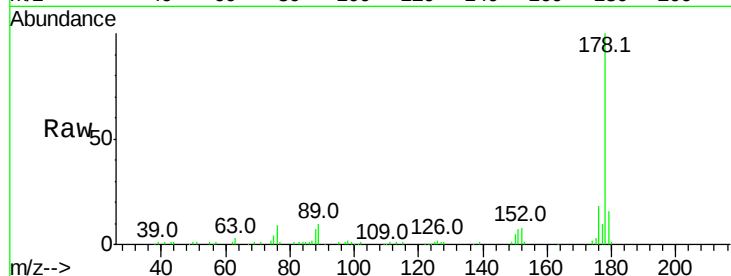
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 74334

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.6	12.6	19.0

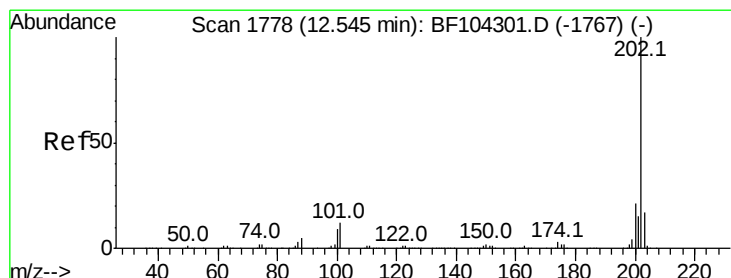
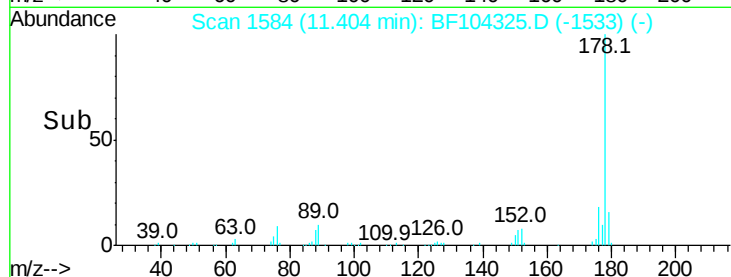
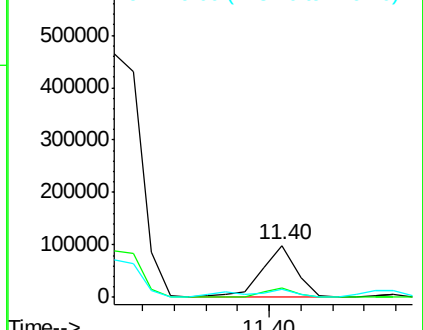


Abundance

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: 29.350 ng

RT: 12.55 min Scan# 1778

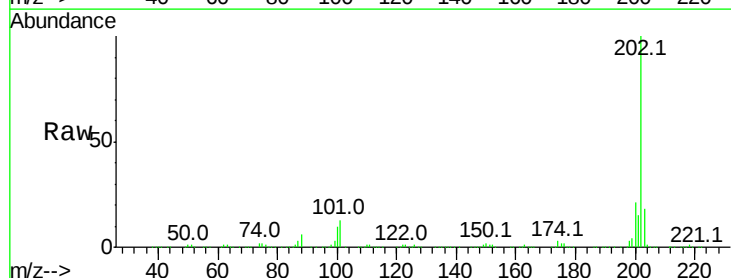
Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Tgt Ion:202 Resp: 618504

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.6	0.0	38.1

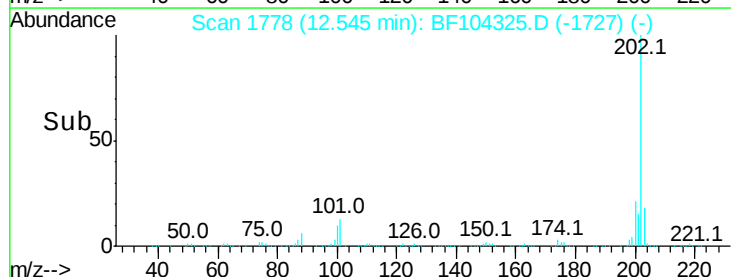
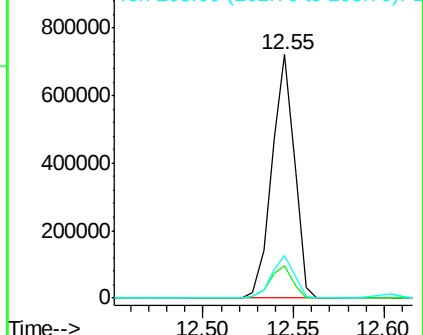


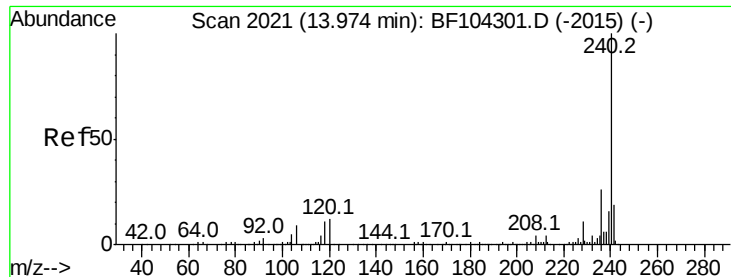
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

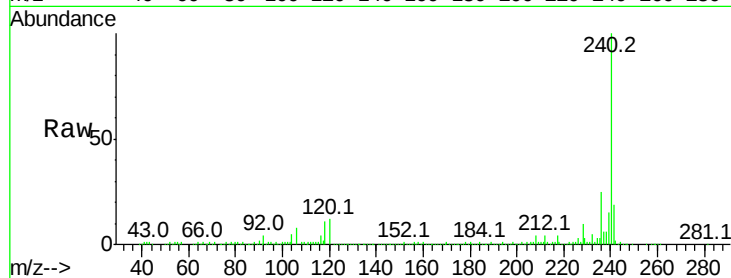
Tot Ion:240 Resp: 296803

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

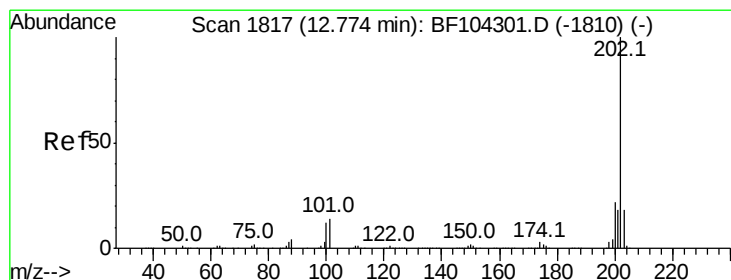
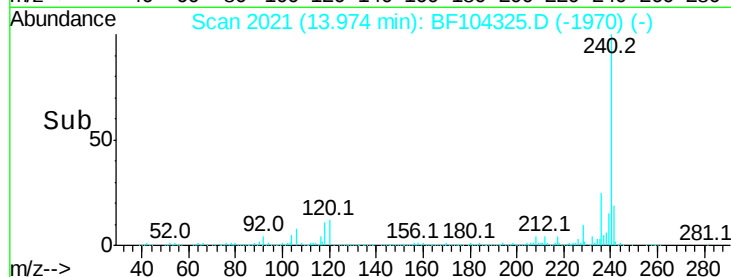
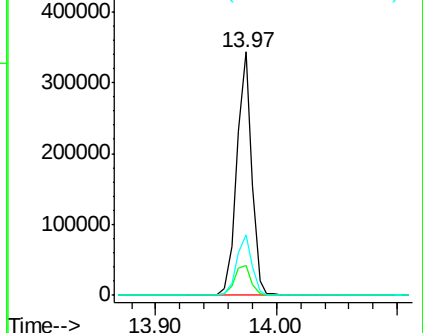
236 25.1 20.7 31.1



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: 22.302 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

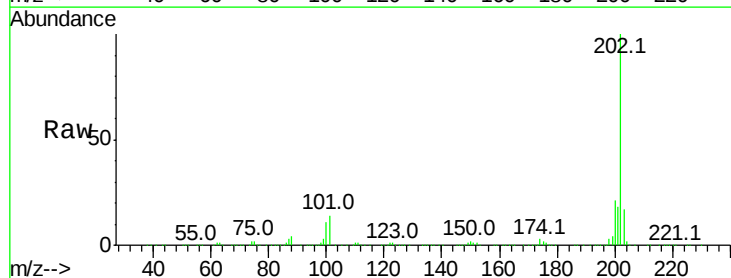
Tgt Ion:202 Resp: 490651

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

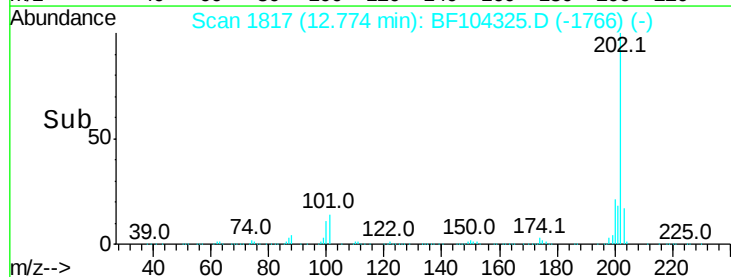
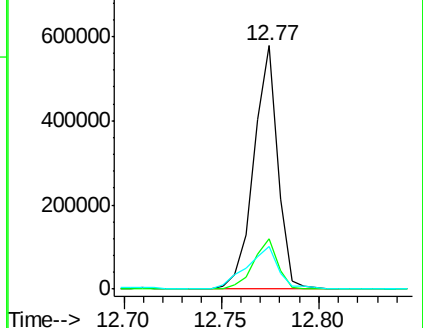
203 17.4 14.3 21.5

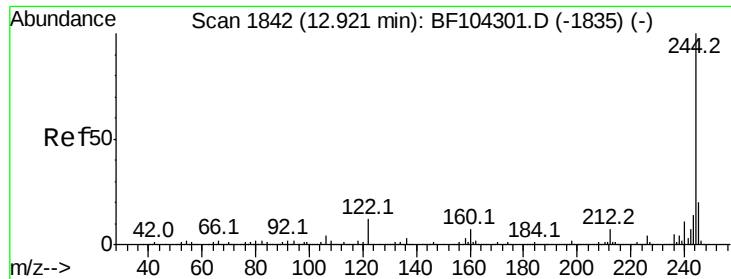


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.987 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampled :

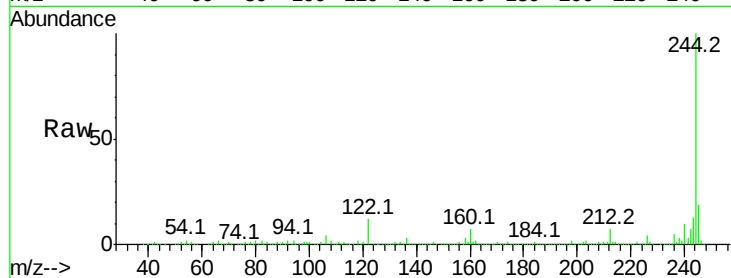
Tot Ion:244 Resp: 793971

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

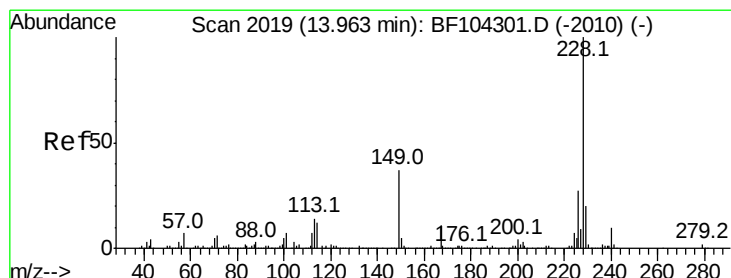
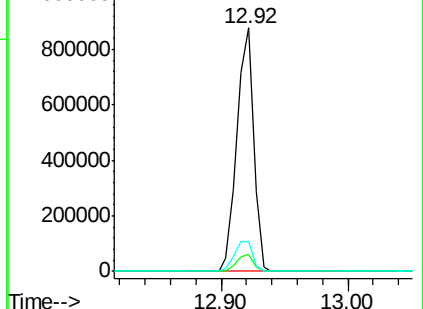
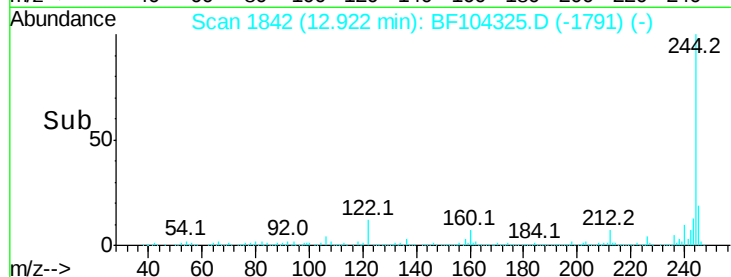
122 12.2 11.0 16.4



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: 12.560 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

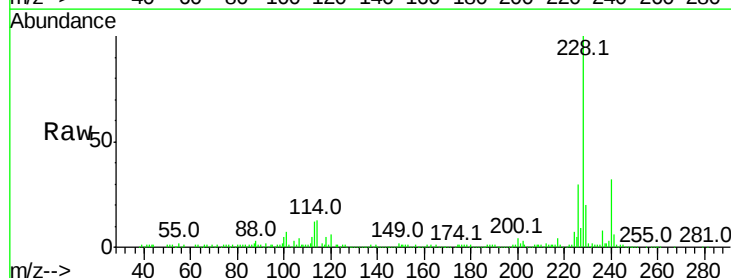
Tgt Ion:228 Resp: 222713

Ion Ratio Lower Upper

228 100

226 30.1 22.6 33.8

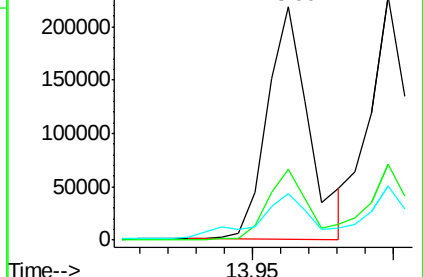
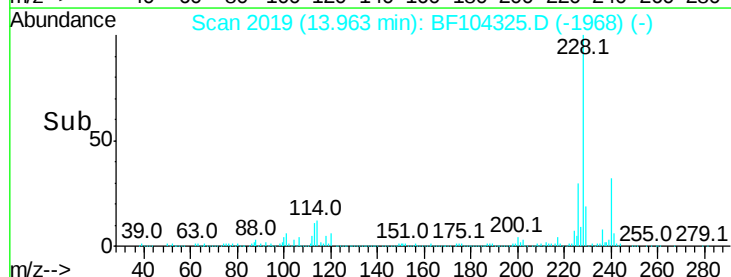
229 20.0 15.8 23.6

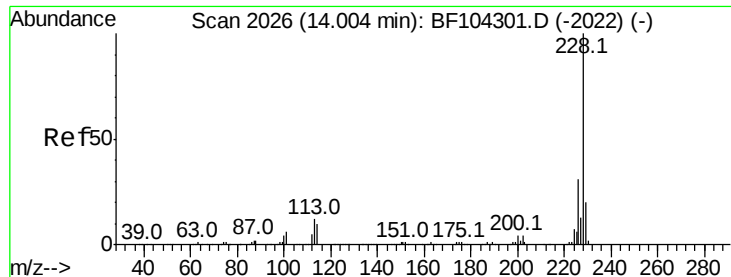


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 11.009 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

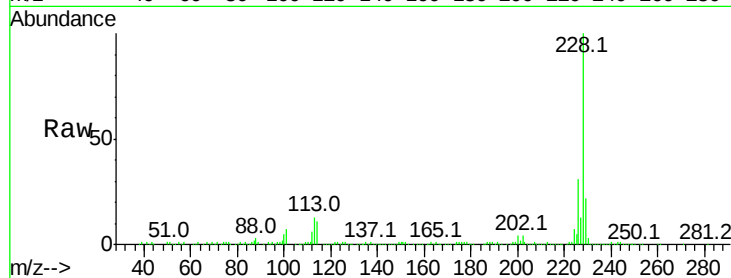
Tot Ion:228 Resp: 200506

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

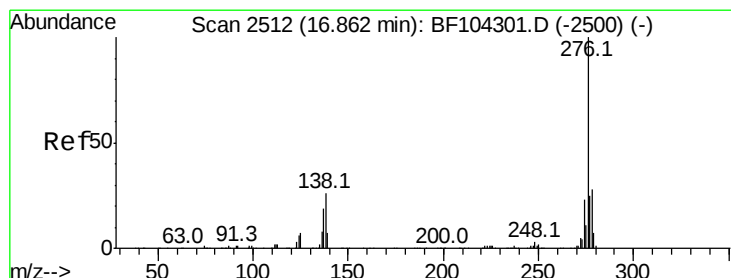
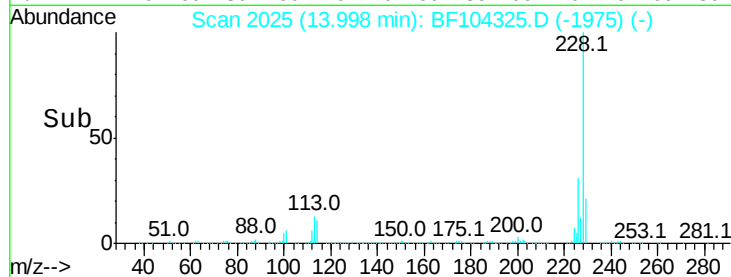
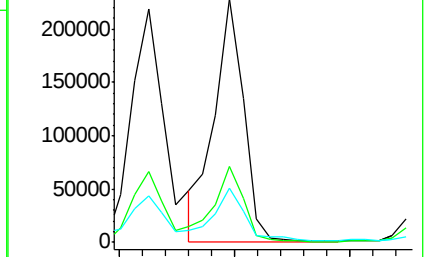
229 22.3 16.2 24.4



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: 3.124 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

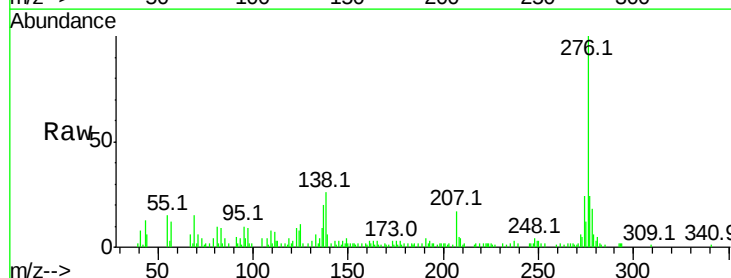
Tgt Ion:276 Resp: 48339

Ion Ratio Lower Upper

276 100

138 24.3 25.0 37.6#

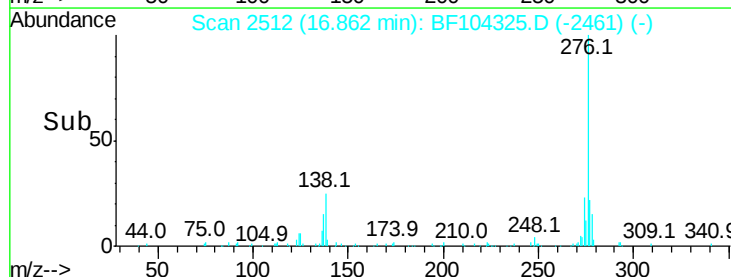
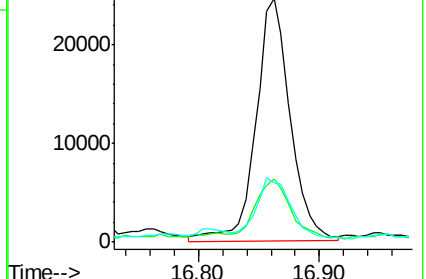
277 25.1 20.1 30.1

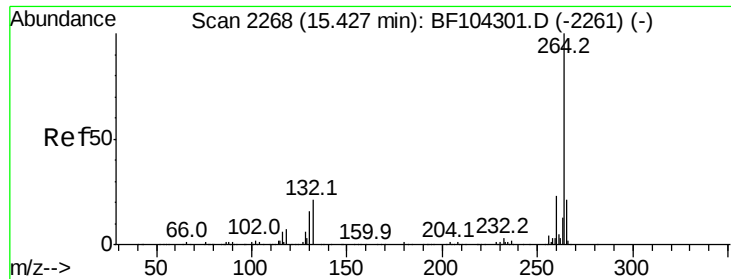


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

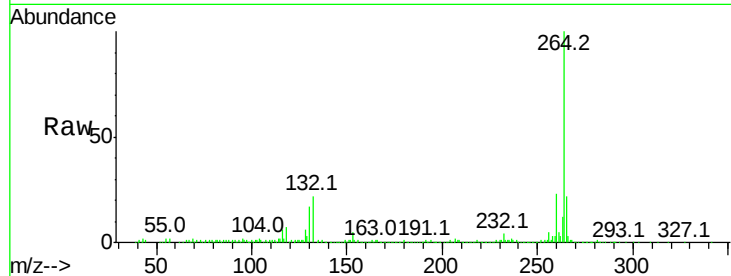
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 268930

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3

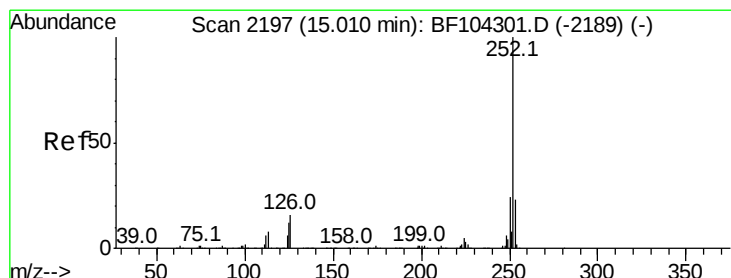
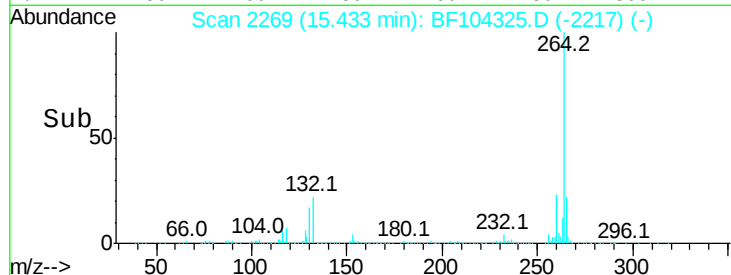
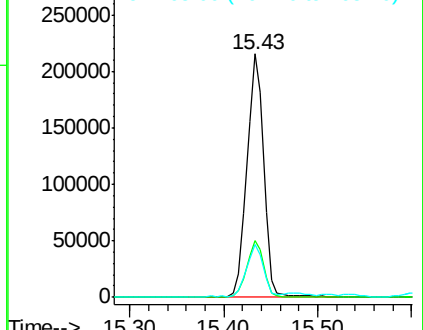


Abundance

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: 16.021 ng

RT: 15.01 min Scan# 2197

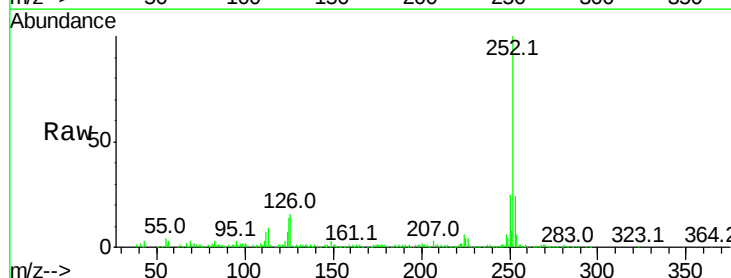
Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Tgt Ion:252 Resp: 272112

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	14.1	9.0	13.6

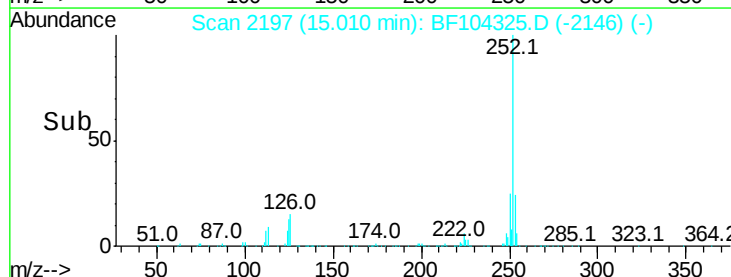
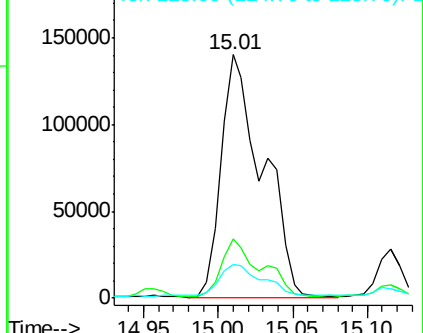


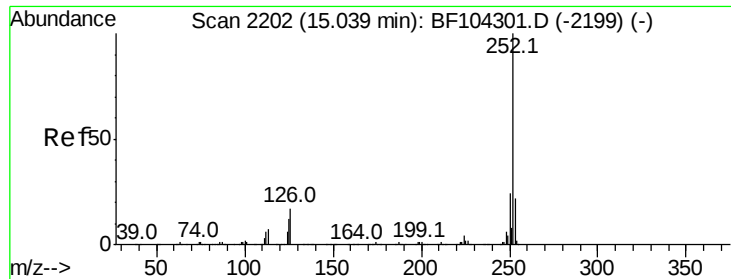
Abundance

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

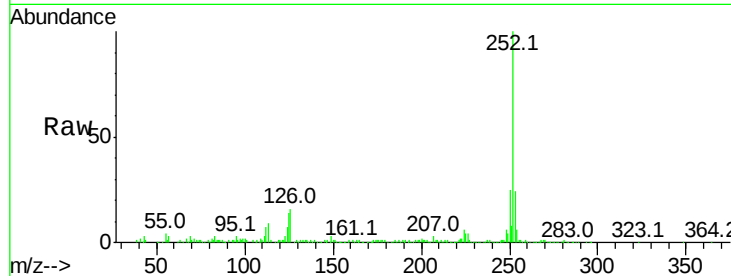




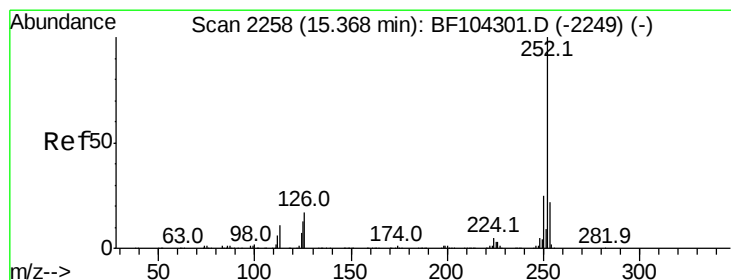
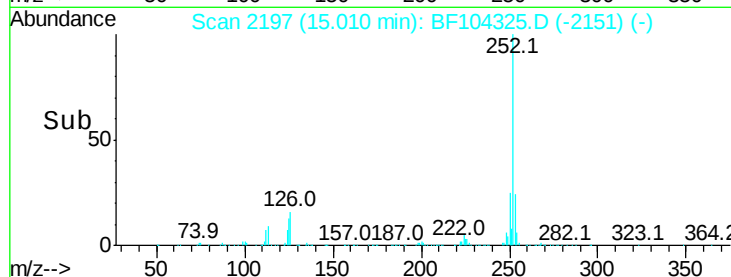
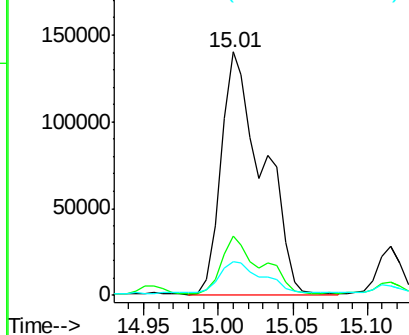
#88
Benzo(k)fluoranthene
Concen: 16.969 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	14.1	10.2	15.2

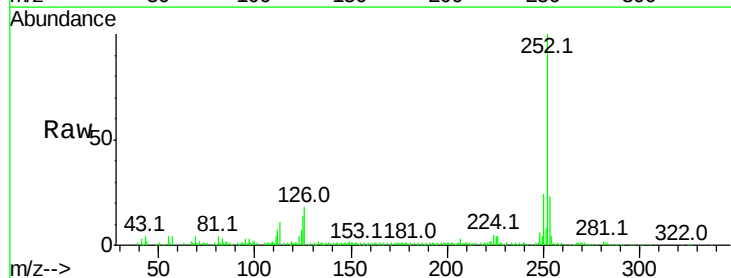


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

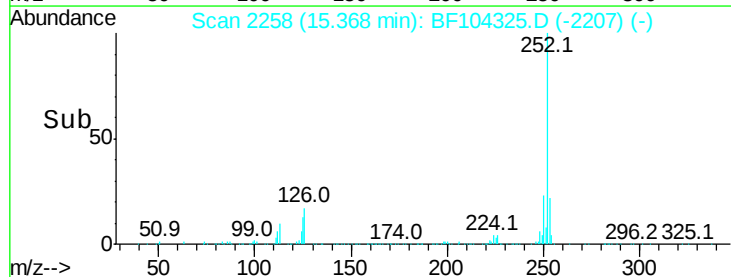
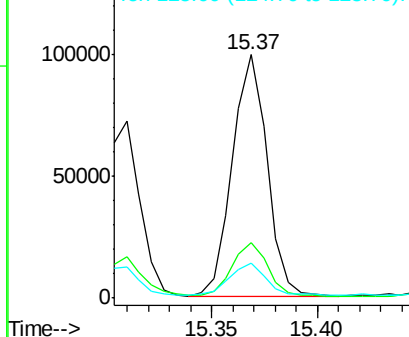


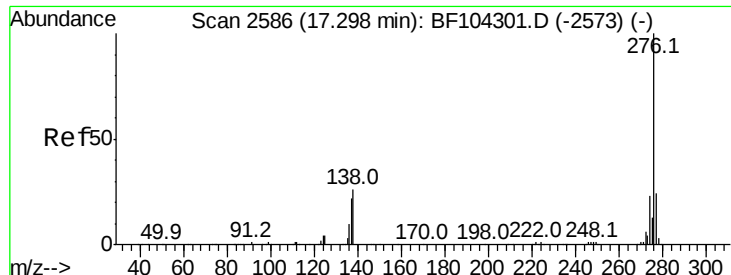
#89
Benzo(a)pyrene
Concen: 7.495 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF104325.D
Acq: 7 Apr 2018 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	14.3	9.8	14.6



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





#91

Benzo(a,h,i)perylene

Concen: 3.233 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BF104325.D

Acq: 7 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 39098

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 26.6 21.8 32.8

