

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104937.D
 Acq On : 30 Apr 2018 17:14
 Operator : JU/SJ
 Sample : J2609-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:33:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123184	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	499879	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	224791	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379340	20.00	ng	0.00
75) Chrysene-d12	13.97	240	242737	20.00	ng	0.00
86) Perylene-d12	15.43	264	228284	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	694691	86.23	ng	0.00
7) Phenol-d6	6.43	99	843798	85.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	518948	67.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	206046	88.36	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	910153	63.96	ng	0.00
78) Terphenyl-d14	12.91	244	755134	70.92	ng	0.00

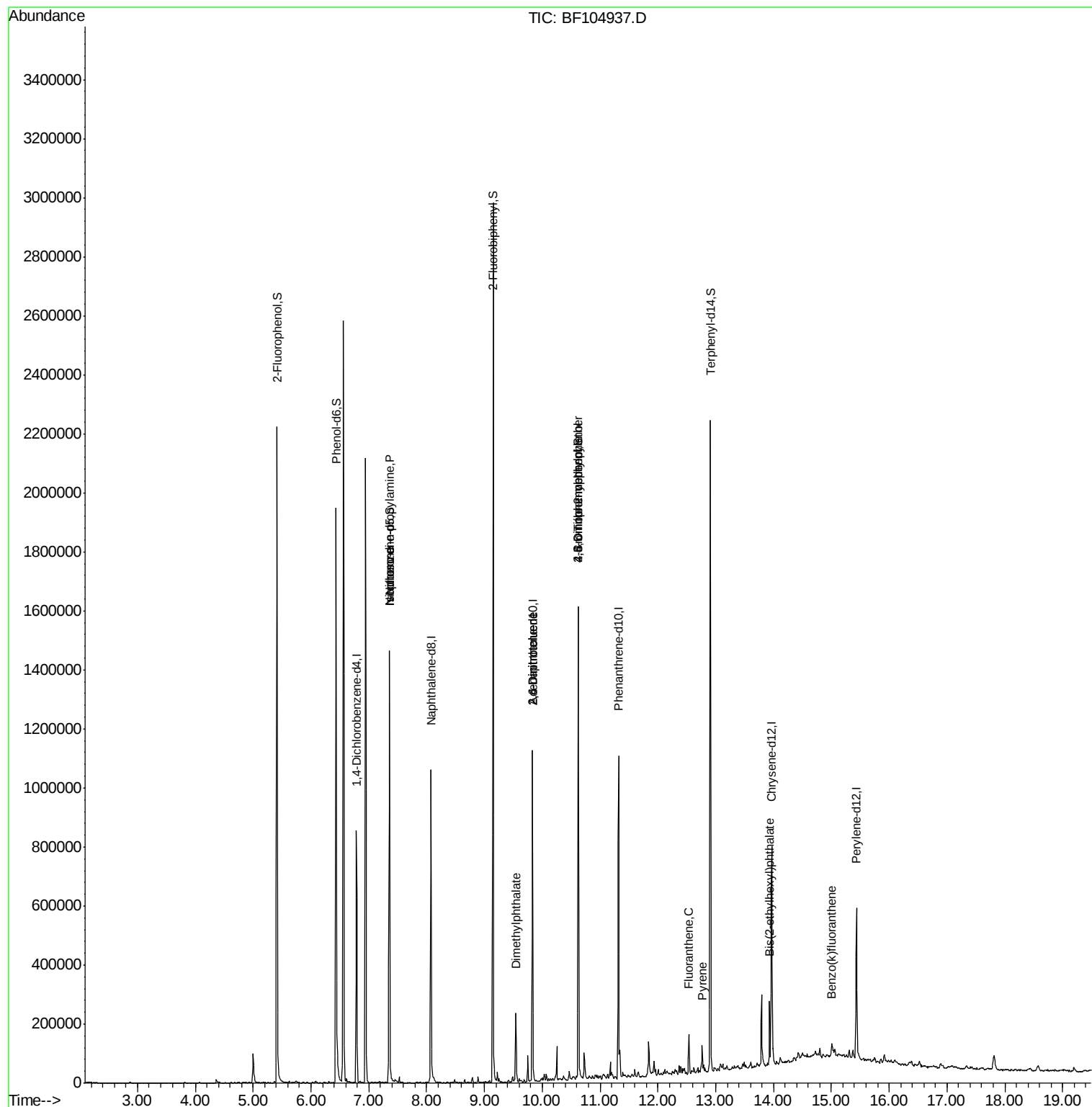
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1441	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	65674	10.15	ng	72
25) Isophorone	7.36	82	518944	32.06	ng	64
49) Dimethylphthalate	9.55	163	97894	5.52	ng	99
50) 2,6-Dinitrotoluene	9.83	165	29126	8.88	ng	25
56) 2,4-Dinitrotoluene	9.83	165	29126	6.77	ng	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	373	7.52	ng	1
66) 4-Bromophenyl-phenylether	10.62	248	12788	3.17	ng	1
74) Fluoranthene	12.53	202	49187	2.23	ng	99
76) Benzydine	12.62	184	560	Below Cal	#	37
77) Pyrene	12.76	202	37630	2.09	ng	97
83) Bis(2-ethylhexyl)phthalate	13.93	149	57701	5.29	ng	100
88) Benzo(k)fluoranthene	15.01	252	28691	2.11	ng	91

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

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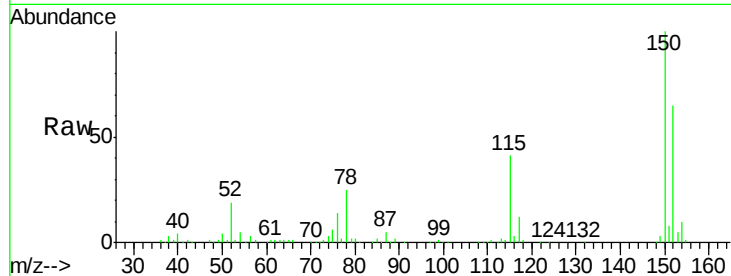


#1

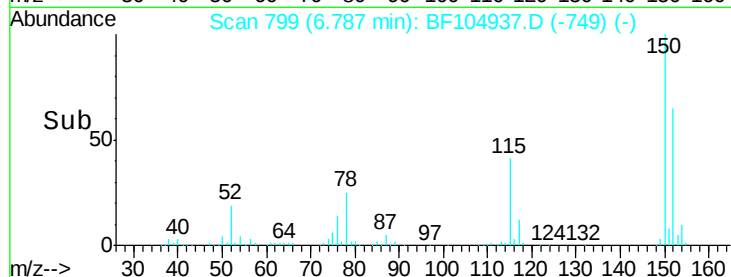
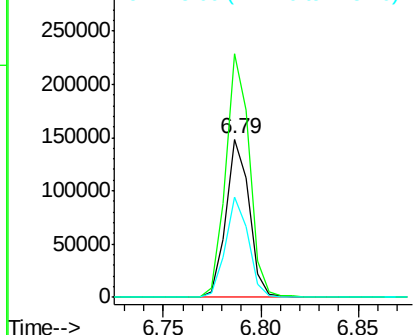
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	63.1	50.1	75.1



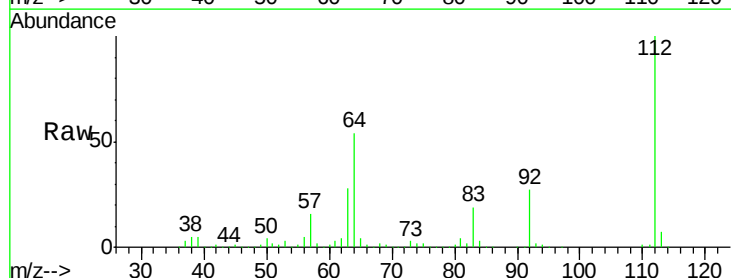
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



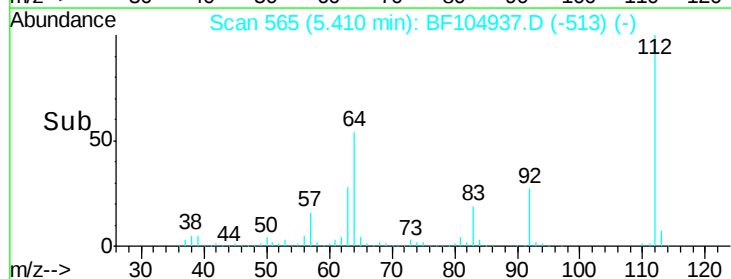
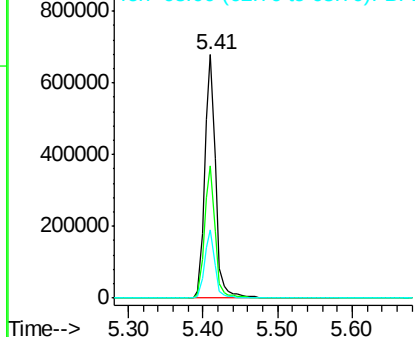
#5

2-Fluorophenol
Concen: 86.23 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.1	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: 85.25 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

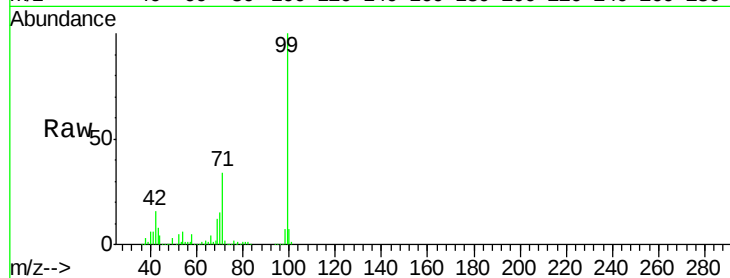
Tot Ion: 99 Resp: 843798

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

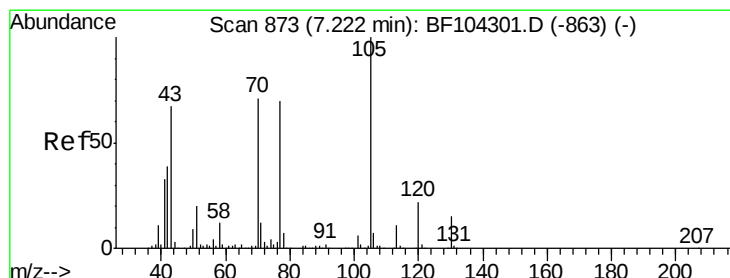
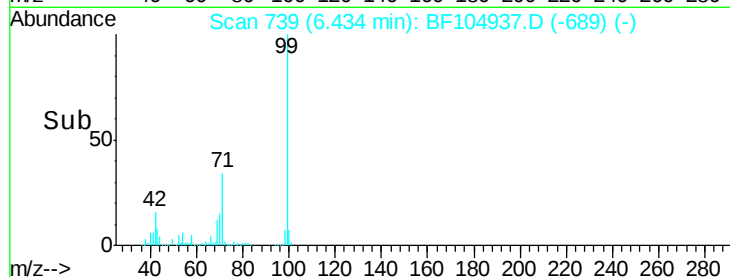
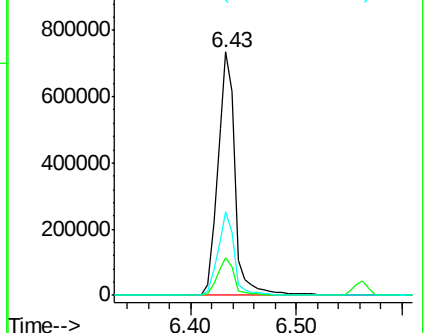
71 34.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.15 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Tgt Ion: 70 Resp: 65674

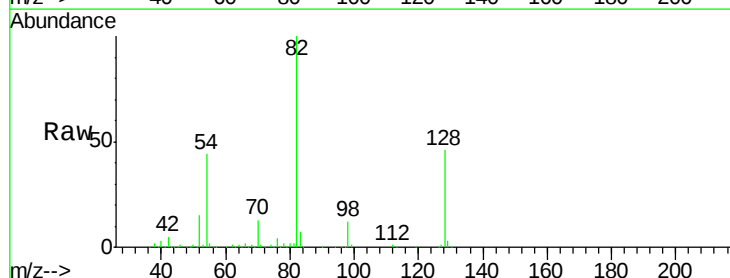
Ion Ratio Lower Upper

70 100

42 41.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

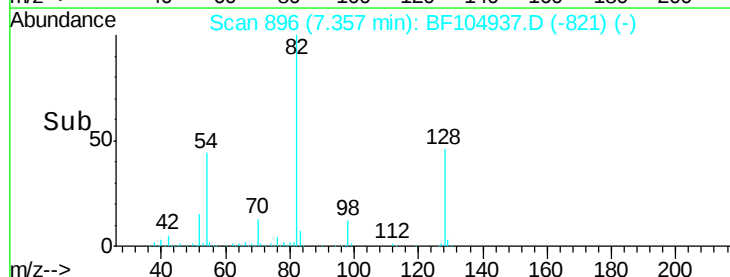
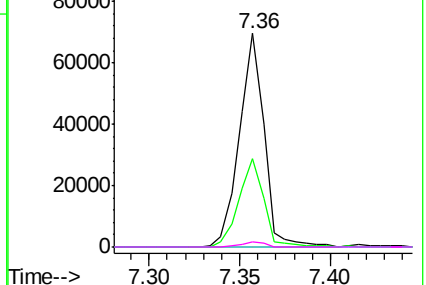


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

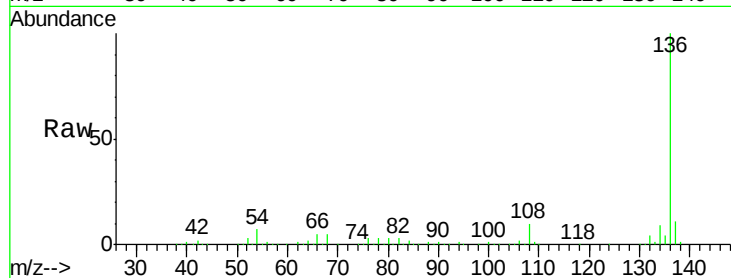




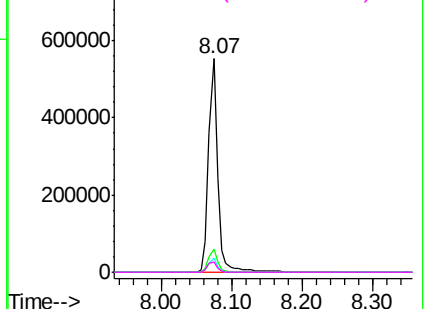
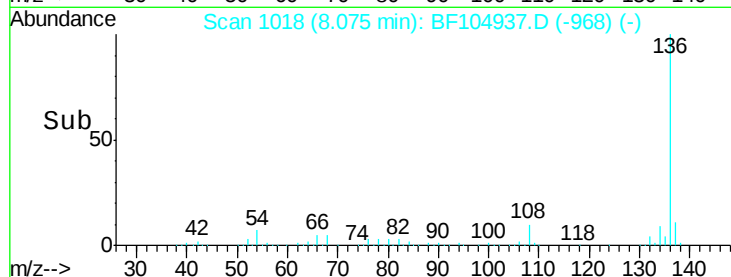
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	499879
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.5	6.6 9.8#
68	5.1	5.0 7.4

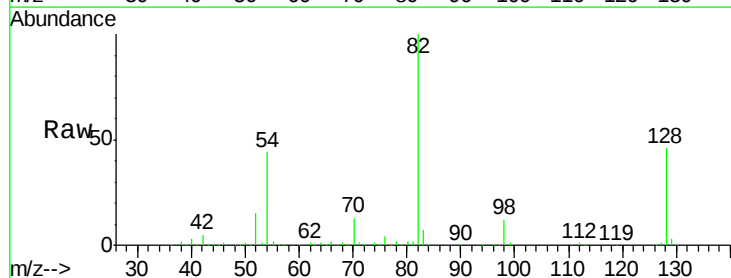


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

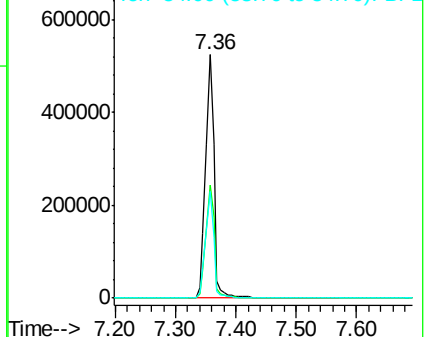
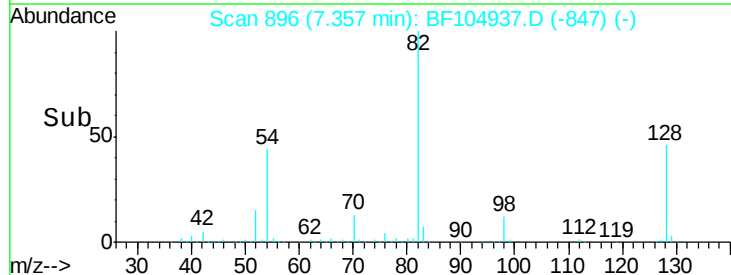


#23
Nitrobenzene-d5
Concen: 67.79 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion: 82	Resp:	518948
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	44.0	41.4 62.2



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





#25

Isophorone

Concen: 32.06 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

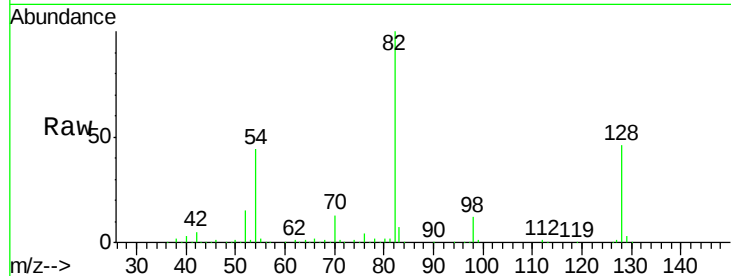
Tot Ion: 82 Resp: 518944

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

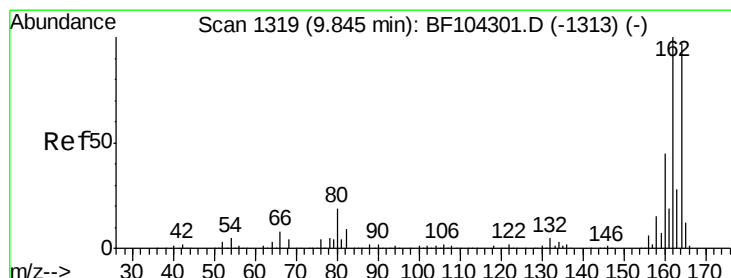
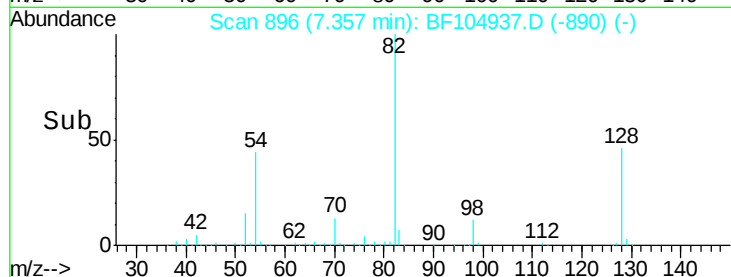
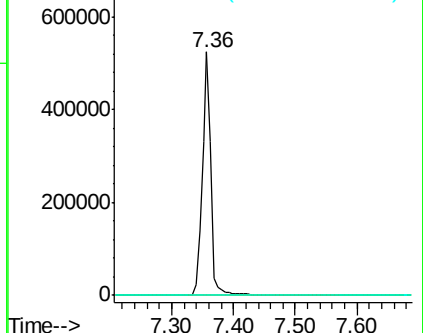
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

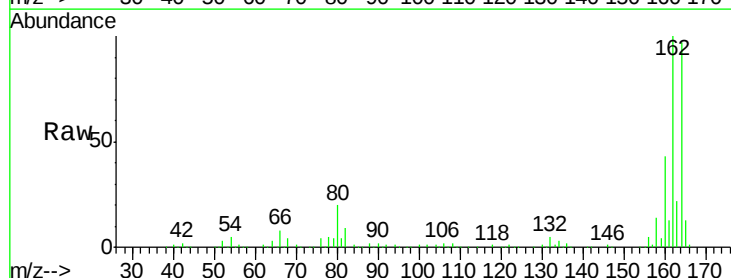
Tgt Ion: 164 Resp: 224791

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

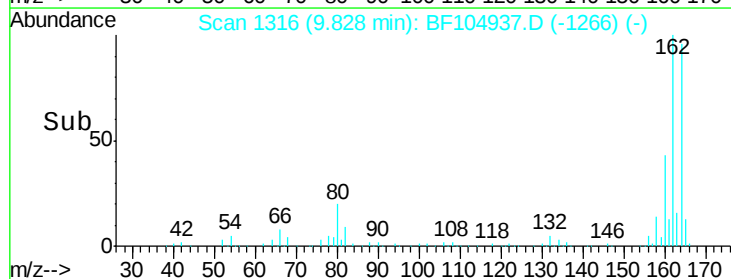
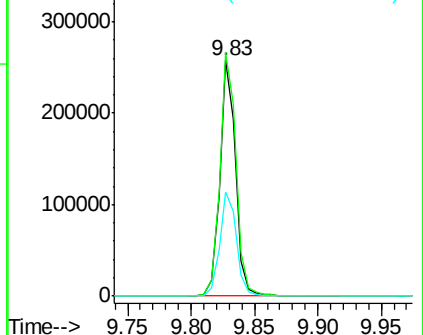
160 44.1 38.3 57.5



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

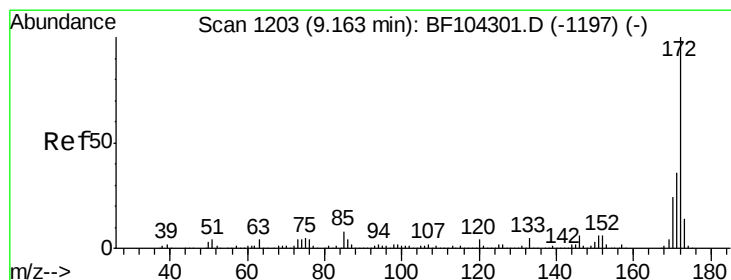
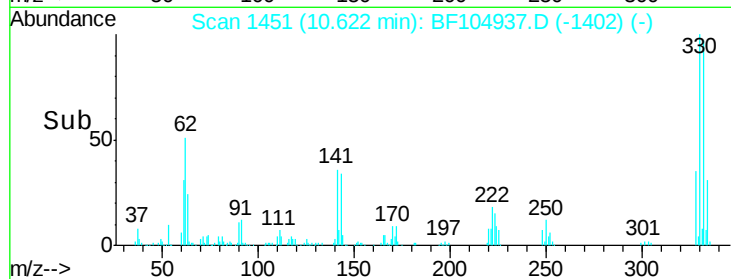
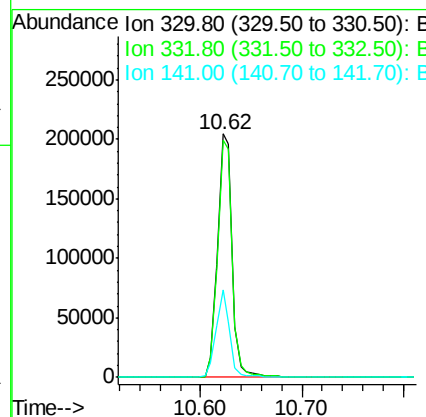
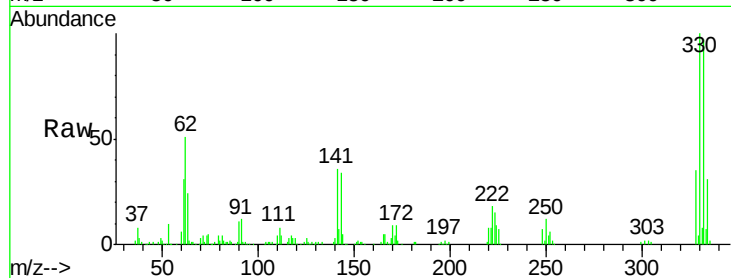




#41
 2,4,6-Tribromophenol
 Concen: 88.36 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

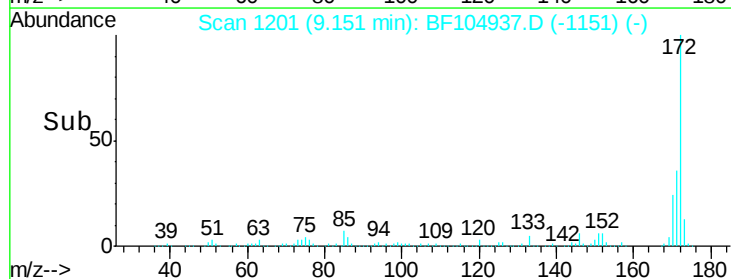
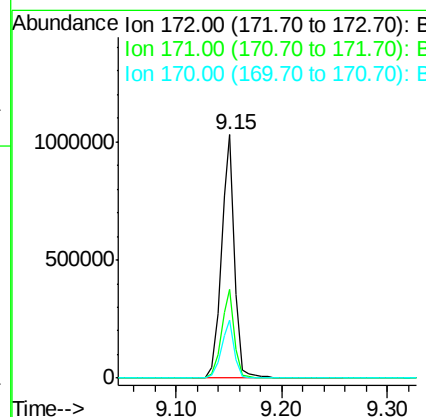
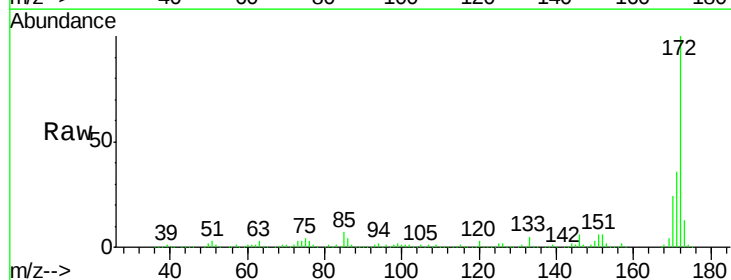
Instrument :
 BNA_F
 ClientSampleId :

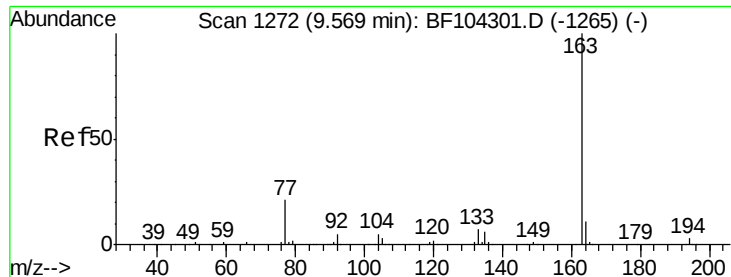
Tot Ion	330	Resp	206046
Ion Ratio	100	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 63.96 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Tgt Ion	172	Resp	910153
Ion Ratio	100	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

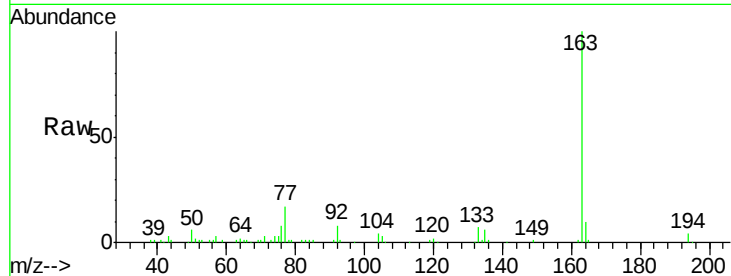




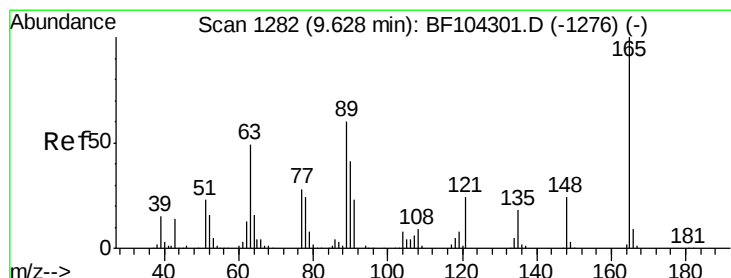
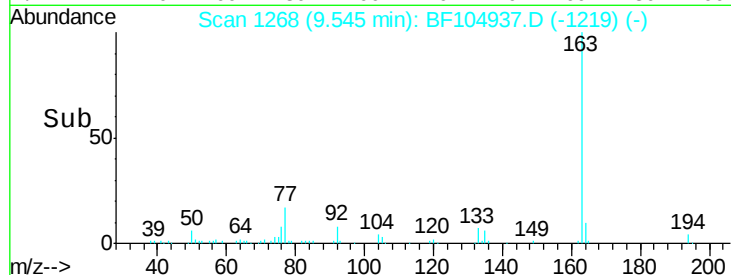
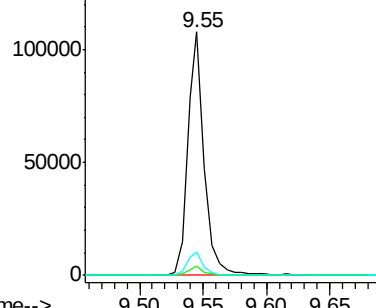
#49
Dimethylphthalate
Concen: 5.52 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 97894
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2

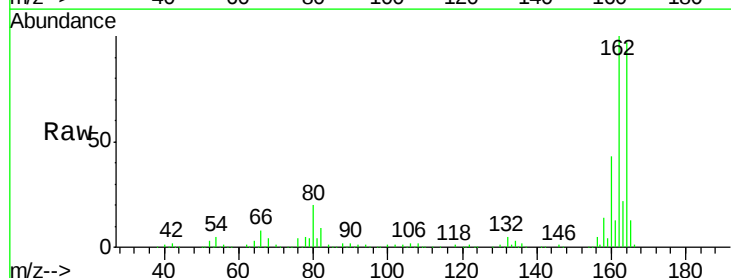


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

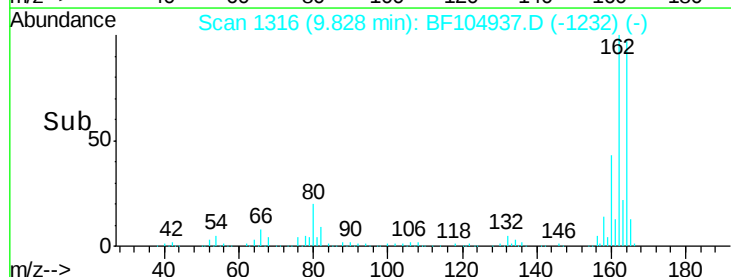
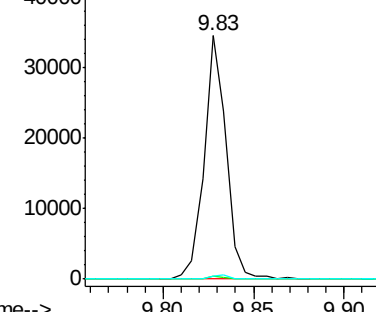


#50
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:165 Resp: 29126
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.3 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

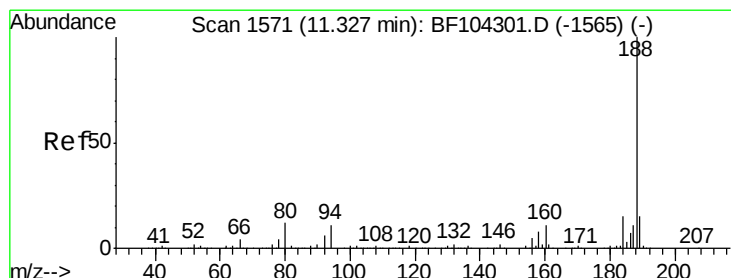
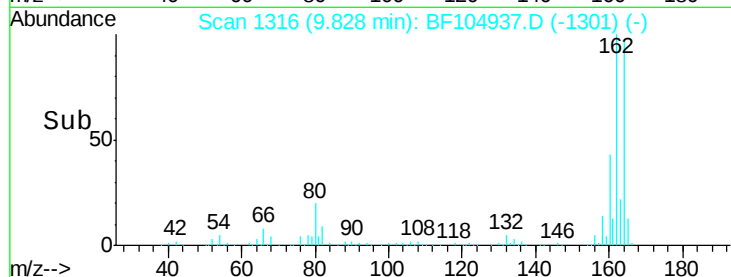
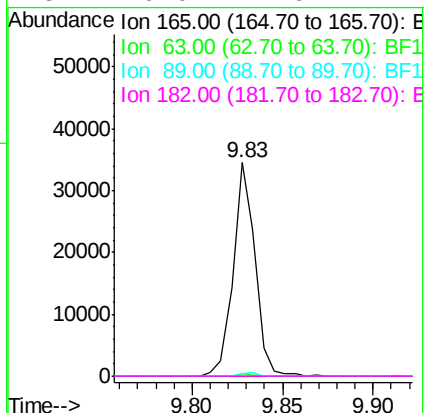
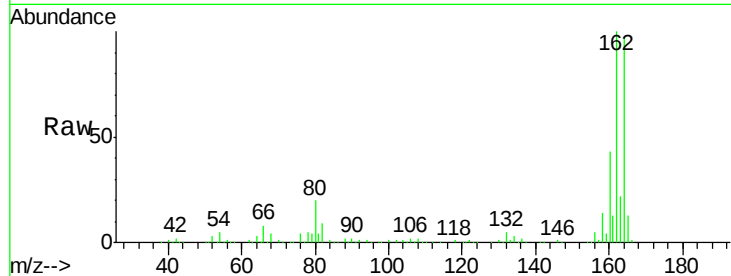




#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

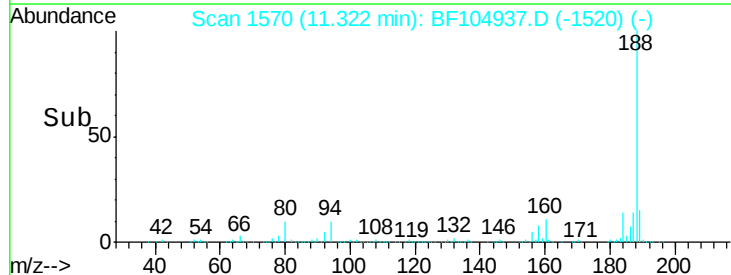
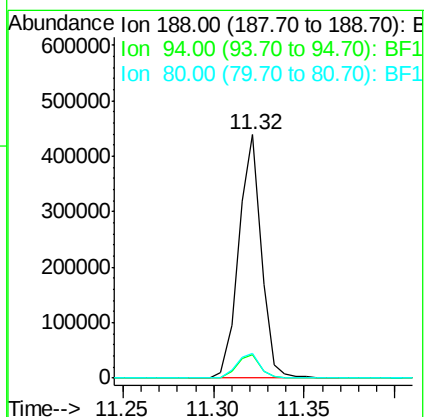
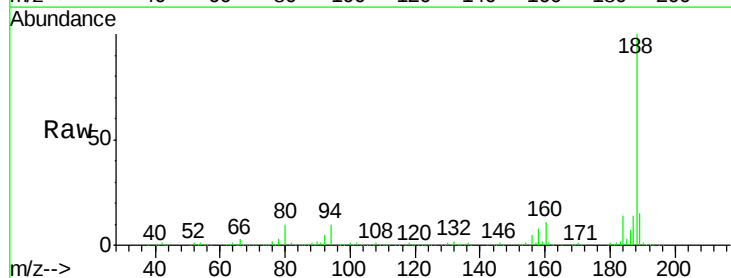
Instrument :
 BNA_F
 ClientSampleId :

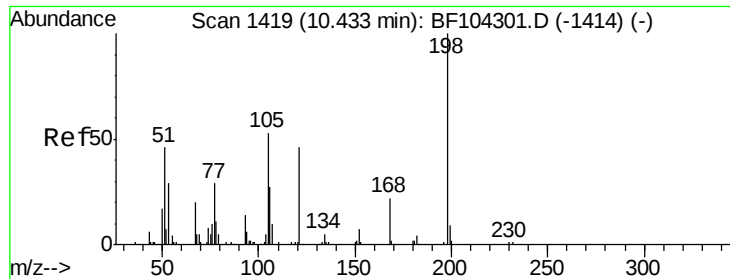
Tot Ion:165	Resp:	29126
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Tgt Ion:188	Resp:	379340
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.5 12.7
80	10.4	9.2 13.8

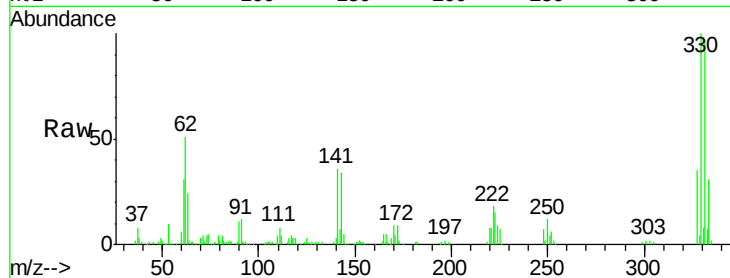




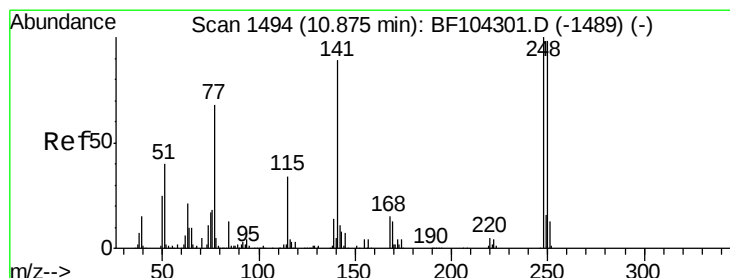
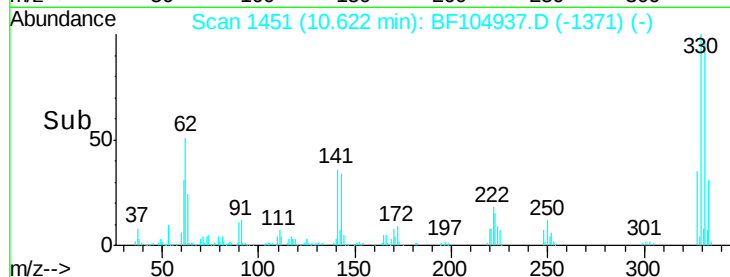
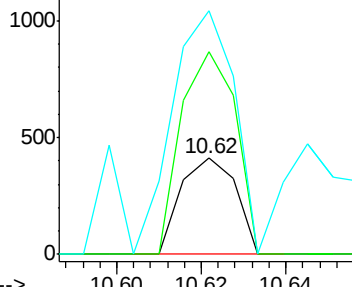
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.52 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.17 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 373
 Ion Ratio Lower Upper
 198 100
 51 210.0 37.7 77.7#
 105 252.9 36.3 76.3#

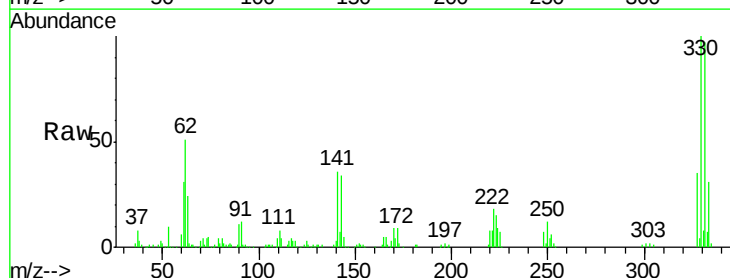


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

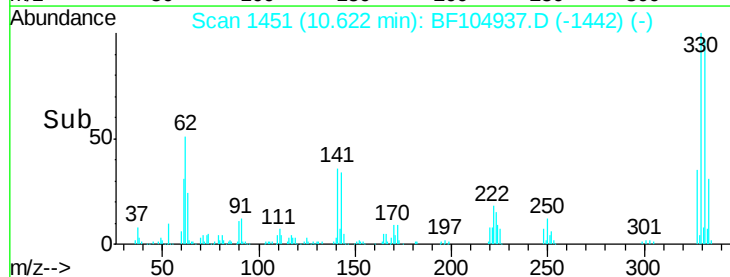
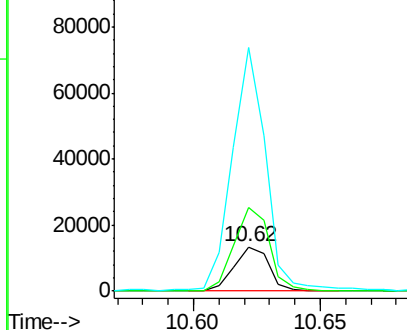


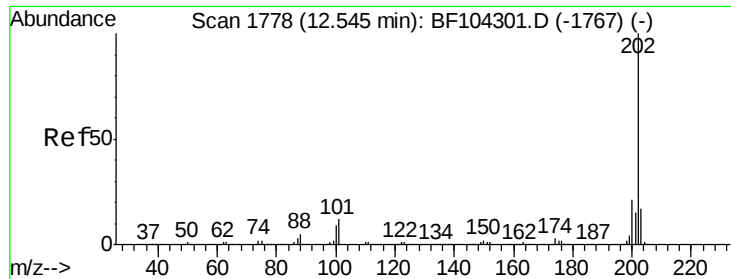
#66
 4-Bromophenyl-phenylether
 Concen: 3.17 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Tgt Ion:248 Resp: 12788
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.9 115.3#
 141 553.1 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





#74

Fluoranthene

Concen: 2.23 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF104937.D

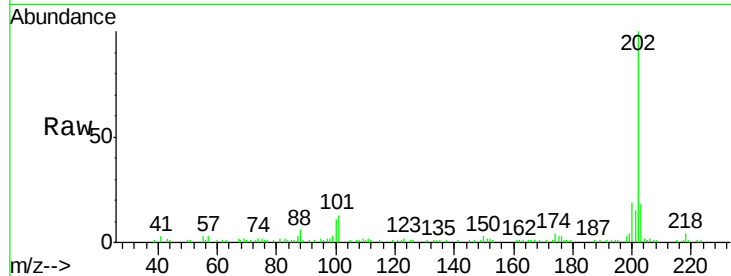
Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

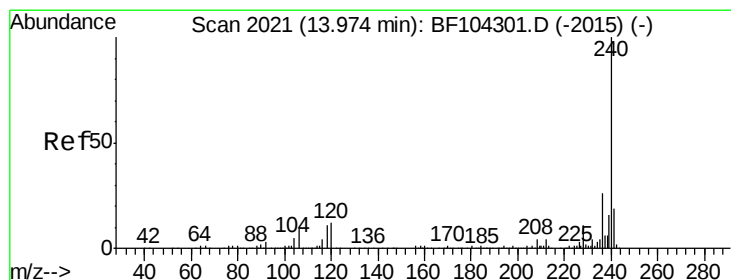
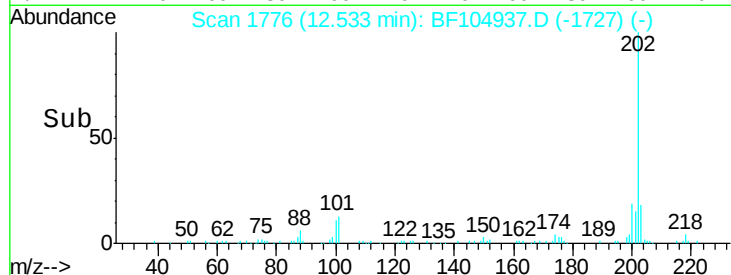
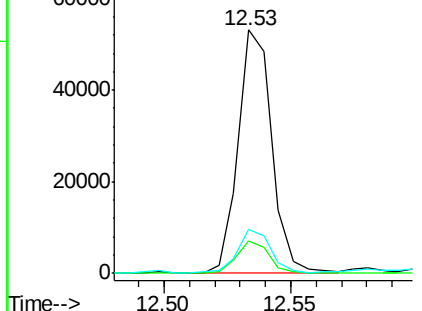
Tot Ion:	202	Resp:	49187
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.0	0.0	38.1



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

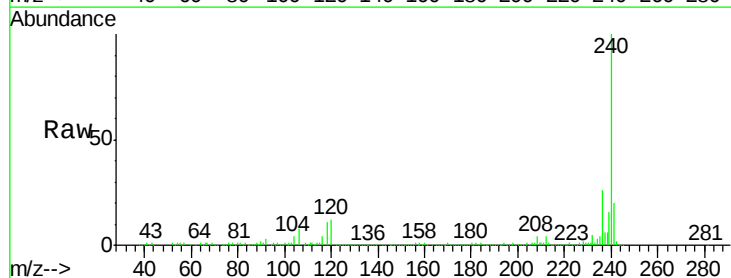
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

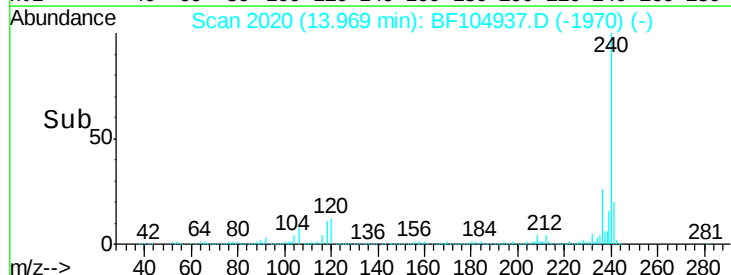
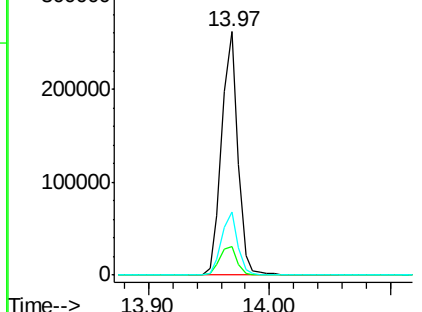
Tgt Ion:	240	Resp:	242737
Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.7	20.7	31.1

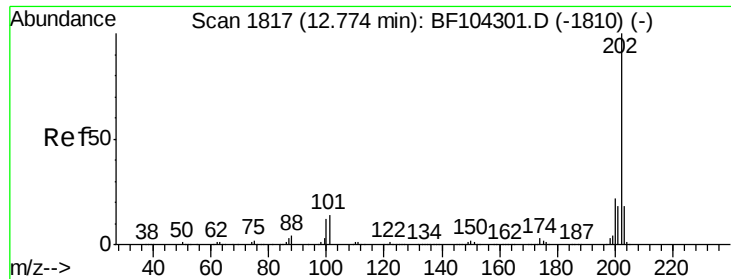


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

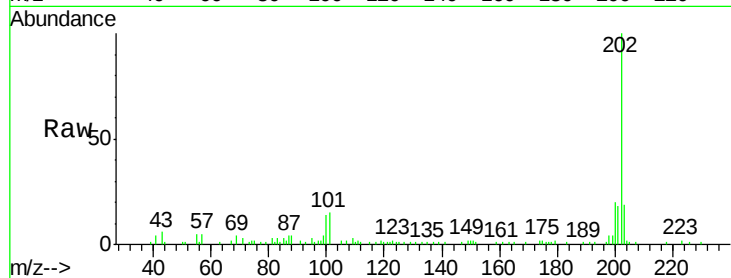




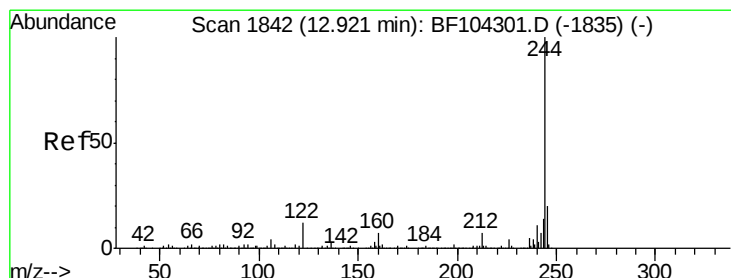
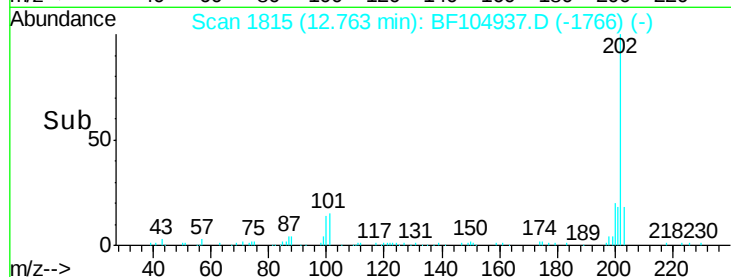
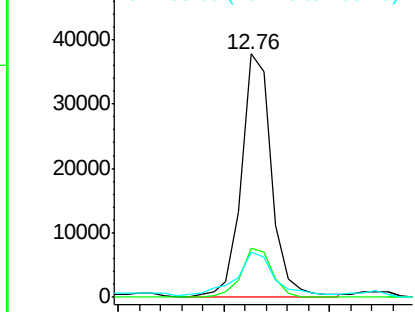
#77
Pvrene
Concen: 2.09 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 37630
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 18.7 14.3 21.5

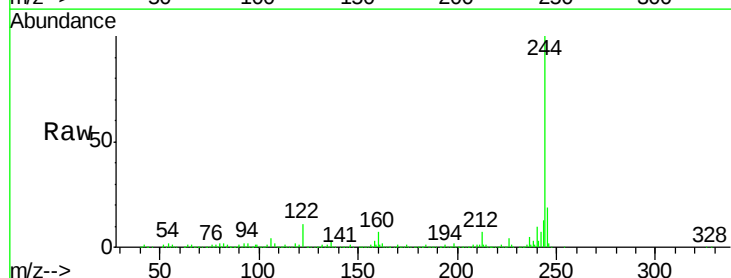


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

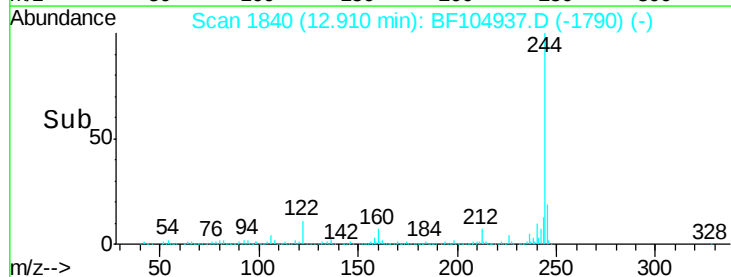
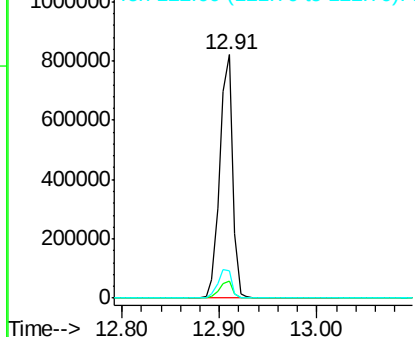


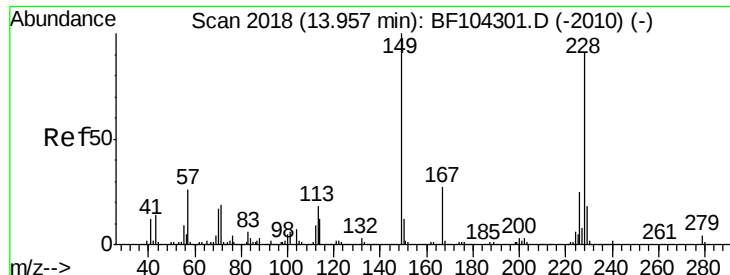
#78
Terphenyl-d14
Concen: 70.92 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:244 Resp: 755134
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.0 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.29 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

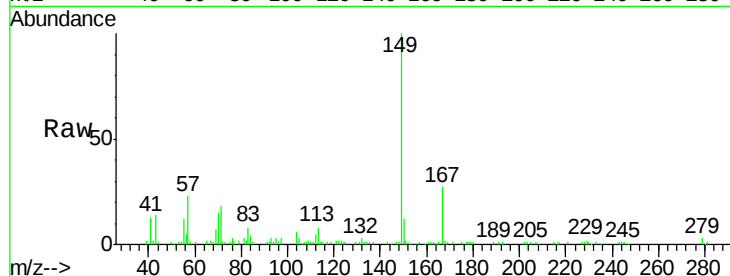
Tot Ion:149 Resp: 57701

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

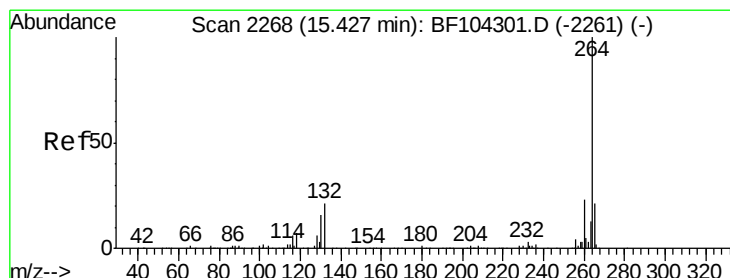
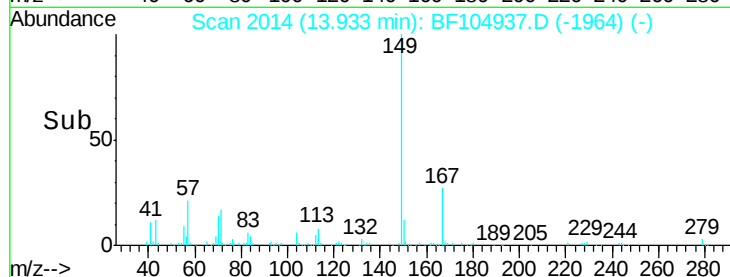
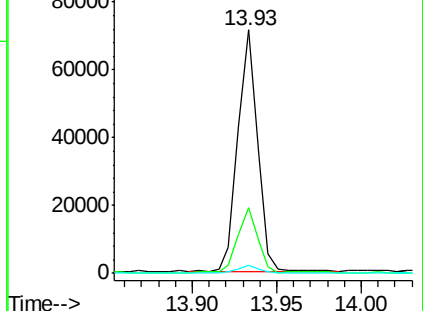
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

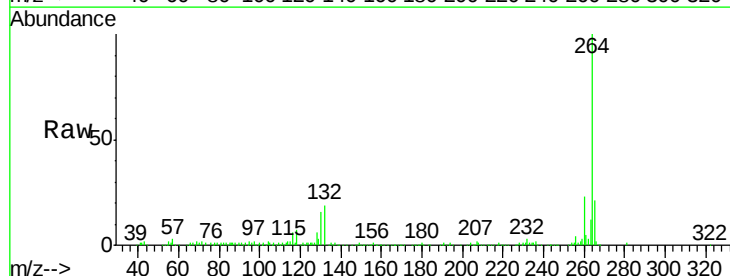
Tgt Ion:264 Resp: 228284

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

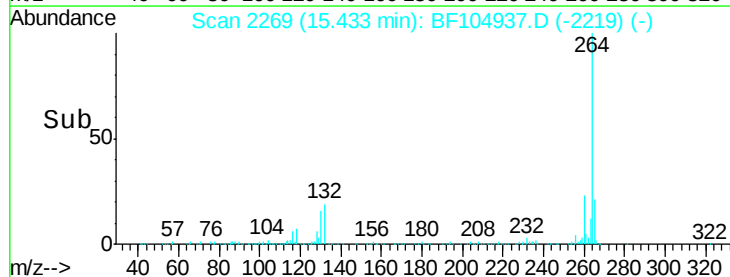
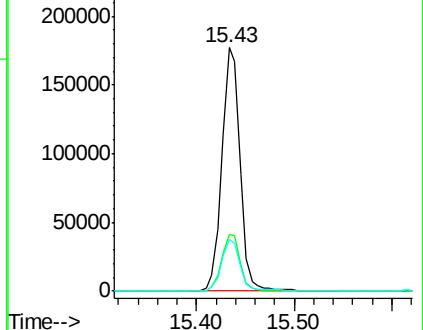
265 21.0 17.5 26.3

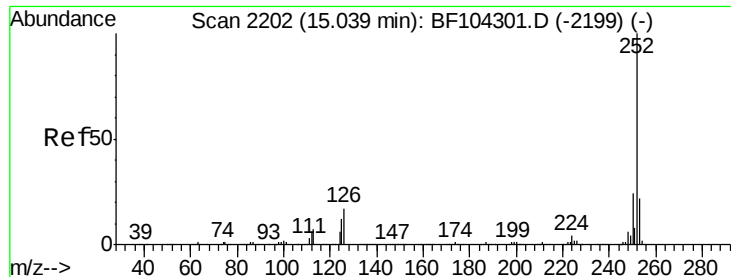


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.11 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

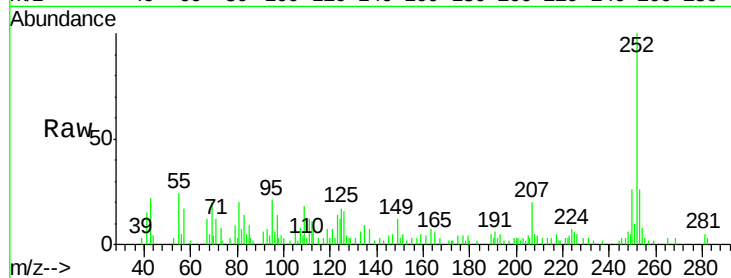
Tot Ion:252 Resp: 28691

Ion Ratio Lower Upper

252 100

253 25.8 17.9 26.9

125 17.2 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

