

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050118\
 Data File : BF104980.D
 Acq On : 1 May 2018 13:42
 Operator : JU/SJ
 Sample : J2616-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 16:16:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

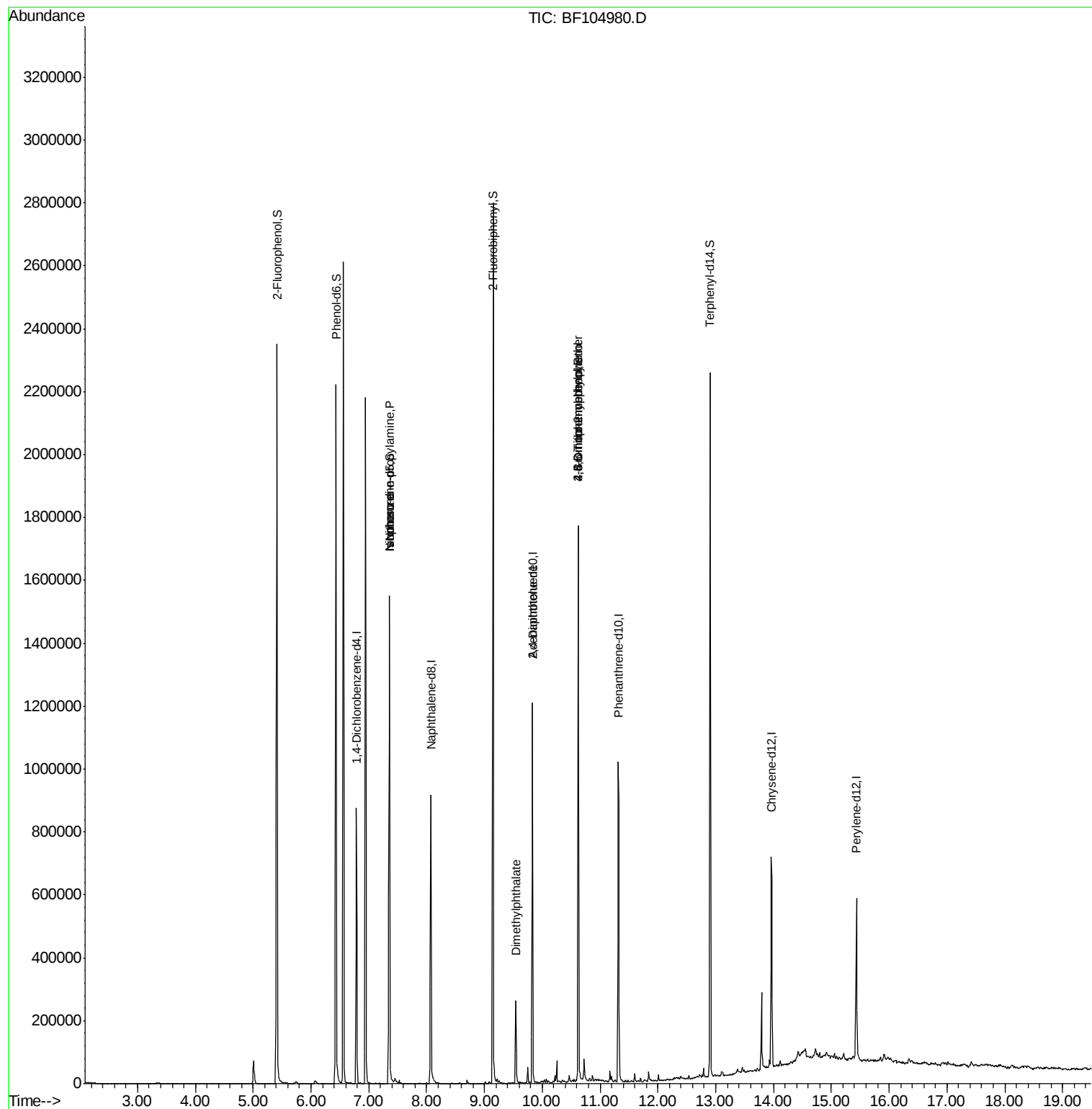
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122077	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	498147	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	233359	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	396695	20.00	ng	0.00
75) Chrysene-d12	13.96	240	242524	20.00	ng	-0.01
86) Perylene-d12	15.43	264	234340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	728926	91.30	ng	0.00
7) Phenol-d6	6.43	99	895807	91.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	558537	73.21	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	235782	97.40	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	974414	65.96	ng	0.00
78) Terphenyl-d14	12.90	244	795584	74.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	71879	11.213	ng	# 73
25) Isophorone	7.36	82	558530	34.622	ng	# 64
49) Dimethylphthalate	9.55	163	126578	6.878	ng	# 99
56) 2,4-Dinitrotoluene	9.83	165	29859	6.685	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	465	7.551	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	14023	3.323	ng	# 1
76) Benzidine	12.90	184	10246	Below Cal		94

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

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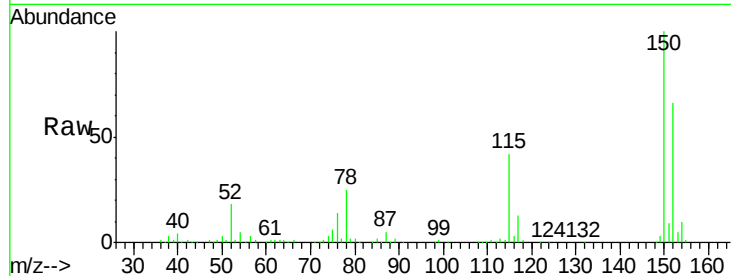


#1

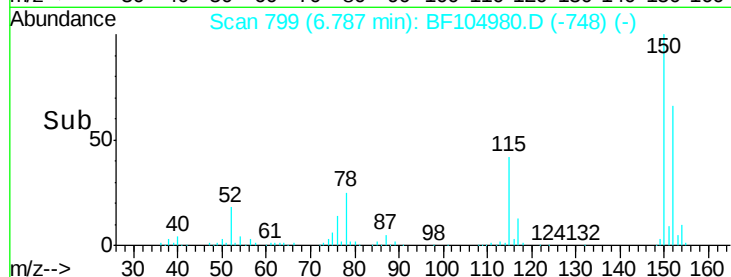
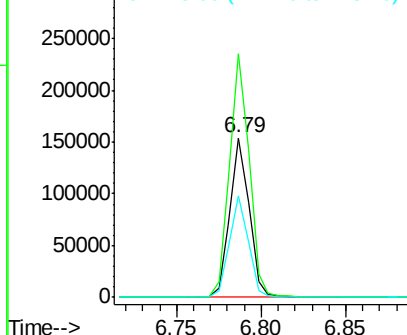
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122077
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 63.6 50.1 75.1



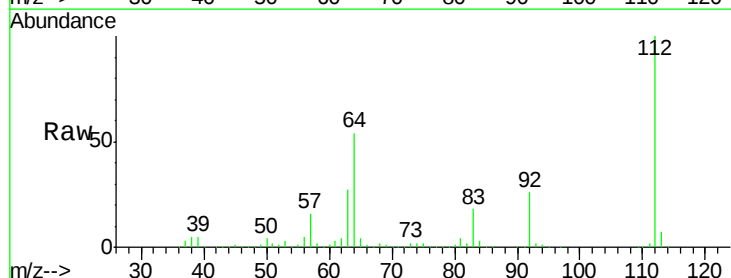
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



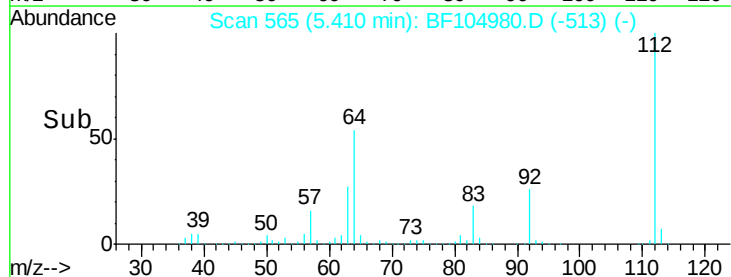
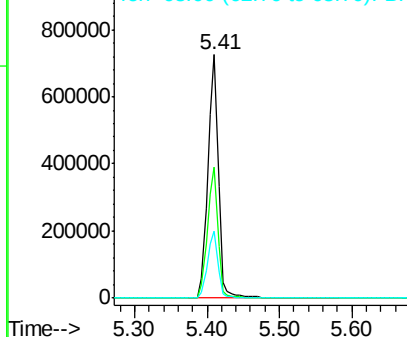
#5

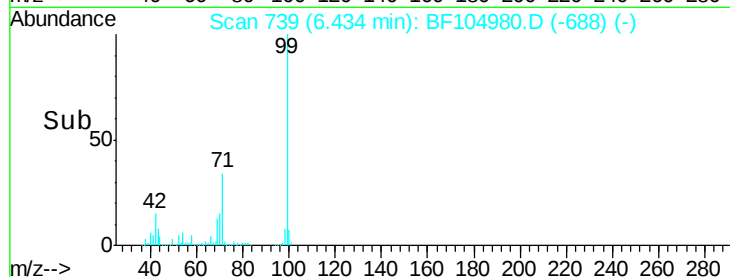
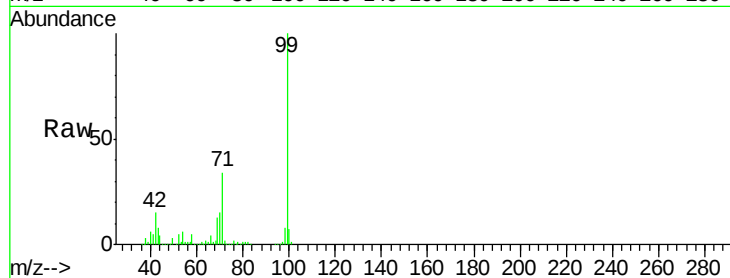
2-Fluorophenol
Concen: 91.300 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Tgt Ion:112 Resp: 728926
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.5 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: 91.320 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

Instrument :

BNA_F

ClientSampleId :

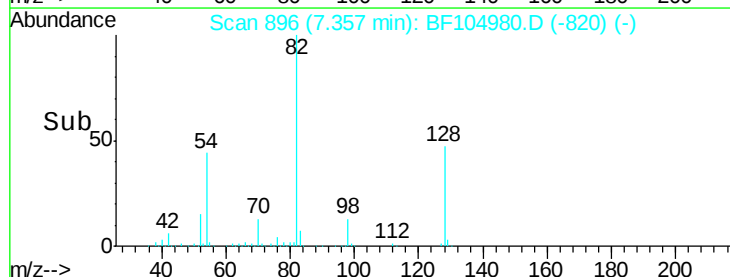
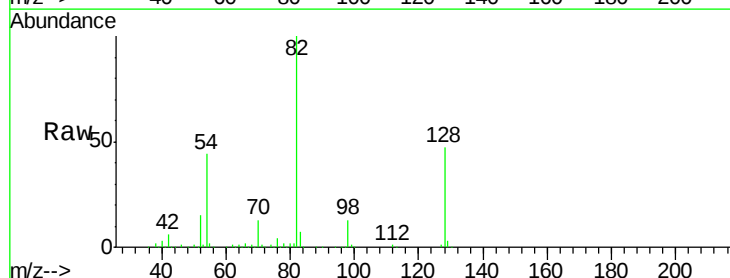
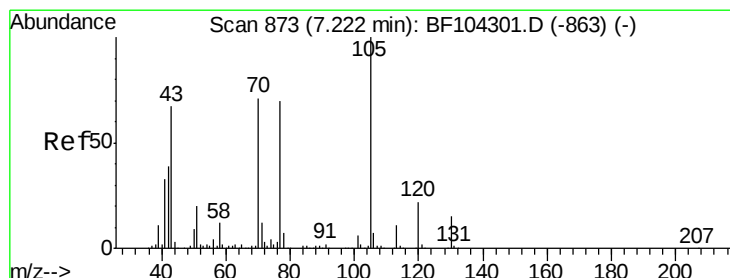
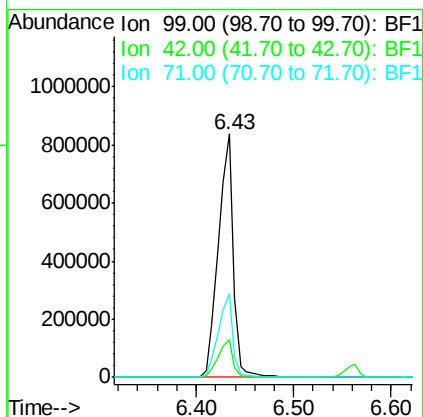
Tot Ion: 99 Resp: 895807

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 34.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.213 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

Tgt Ion: 70 Resp: 71879

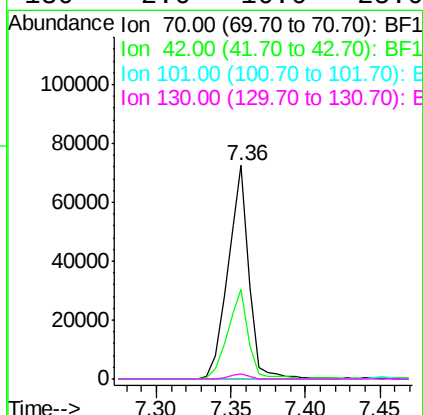
Ion Ratio Lower Upper

70 100

42 42.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

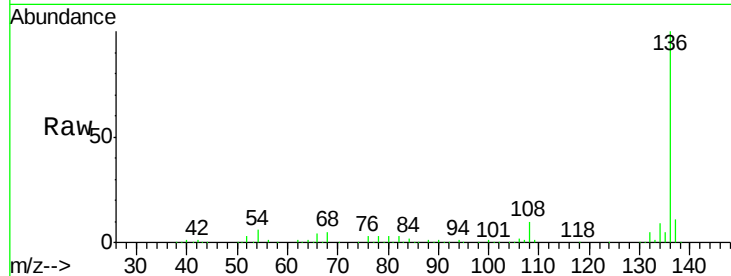




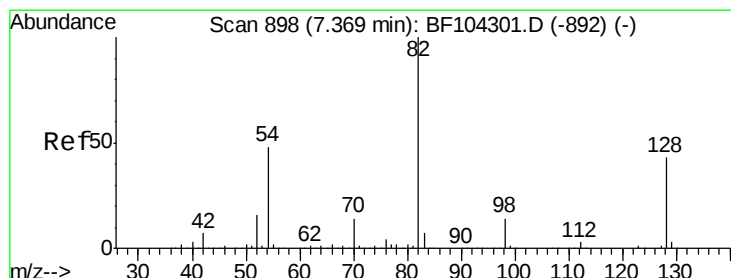
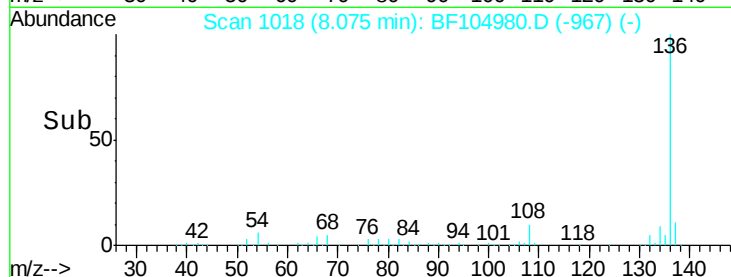
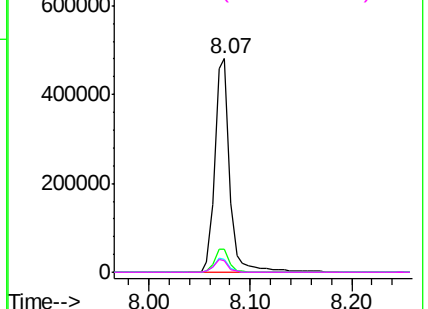
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	498147
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.8	6.6 9.8#
68	5.4	5.0 7.4

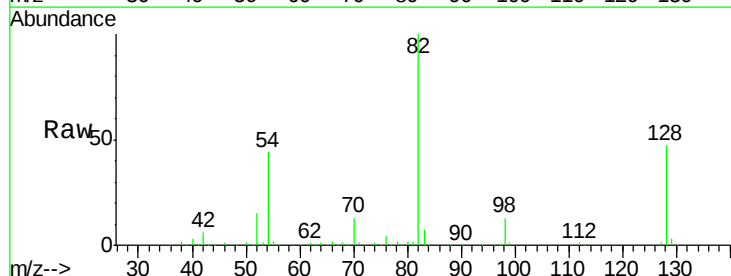


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

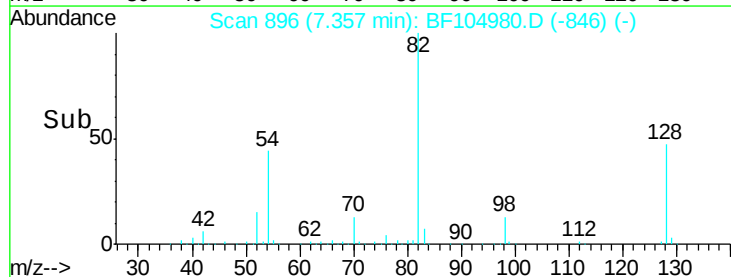
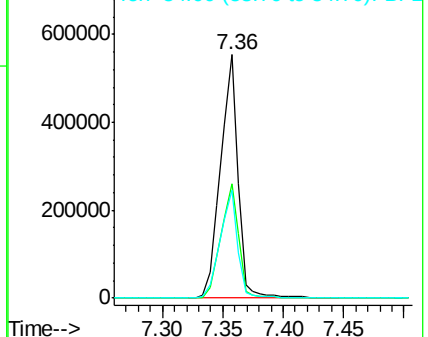


#23
Nitrobenzene-d5
Concen: 73.214 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Tgt Ion: 82	Resp:	558537
Ion Ratio	Lower	Upper
82	100	
128	46.8	36.1 54.1
54	44.1	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: 34.622 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

Instrument :

BNA_F

ClientSampleId :

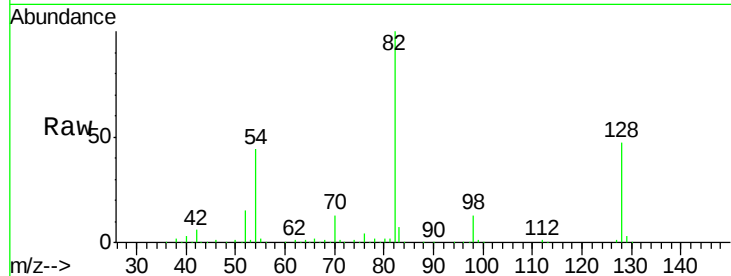
Tot Ion: 82 Resp: 558530

Ion Ratio Lower Upper

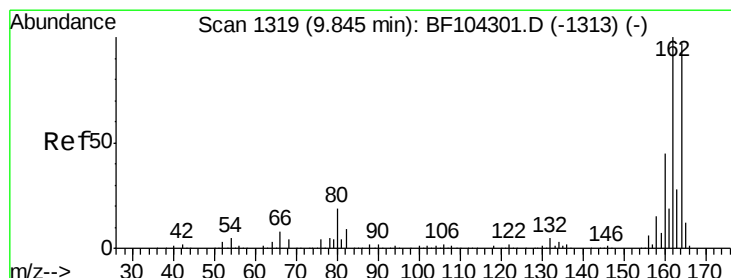
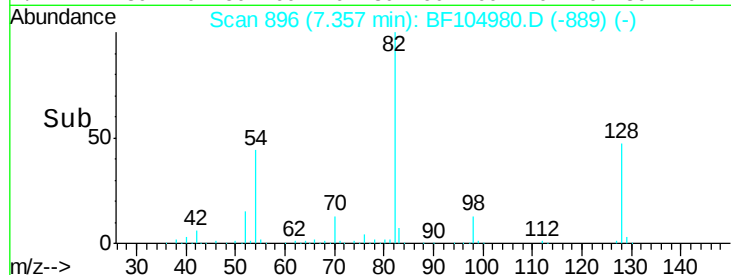
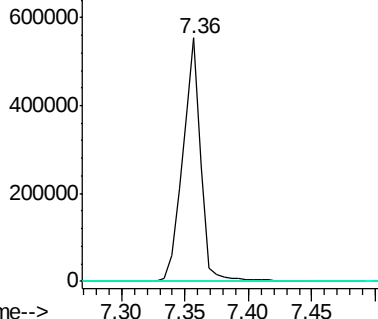
82 100

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

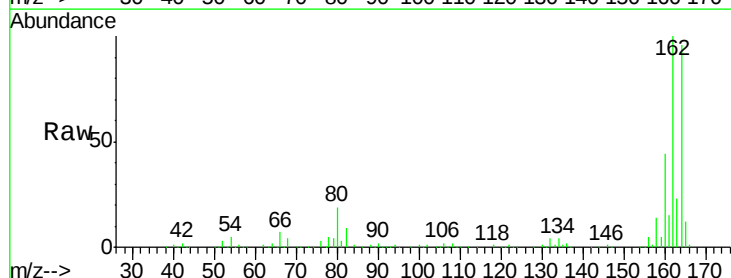
Tgt Ion: 164 Resp: 233359

Ion Ratio Lower Upper

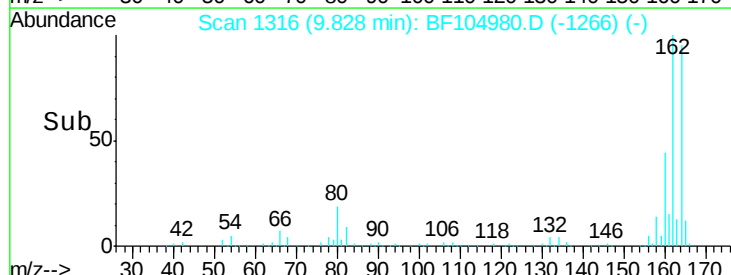
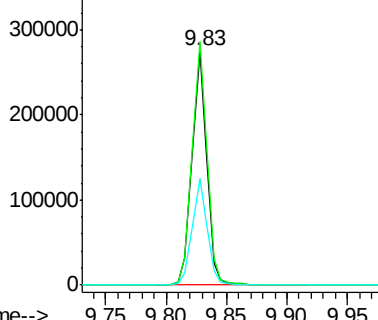
164 100

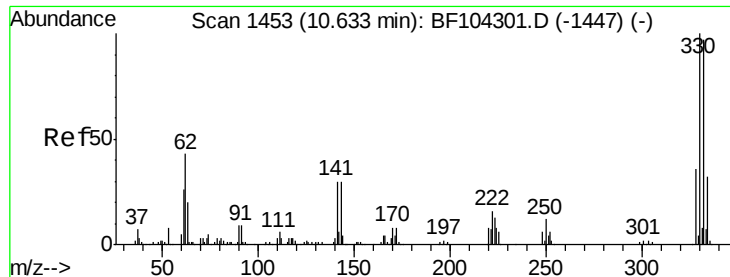
162 104.2 86.1 129.1

160 45.7 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

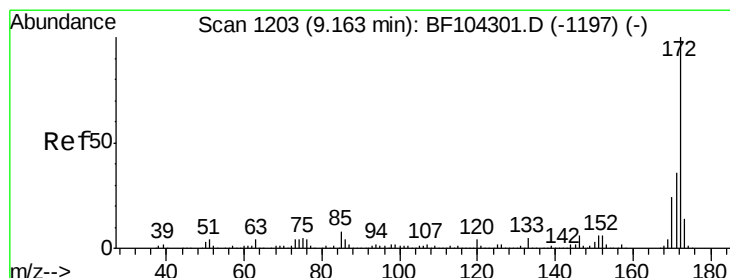
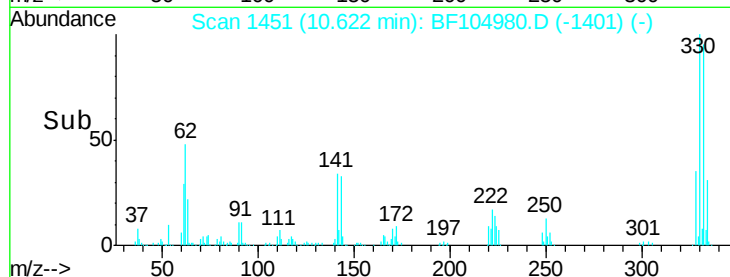
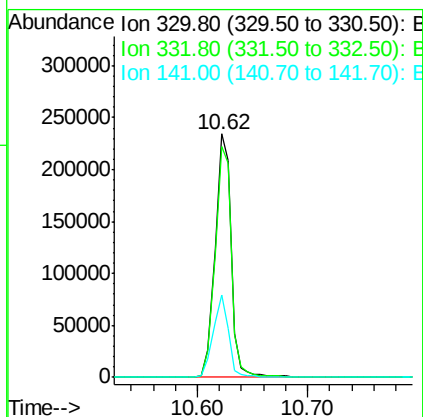
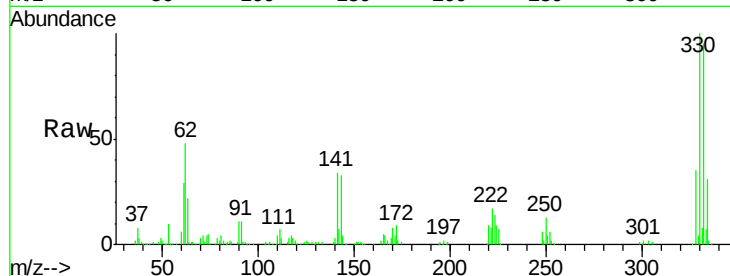




#41
 2,4,6-Tribromophenol
 Concen: 97.403 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104980.D
 Acq: 1 May 2018 13:42

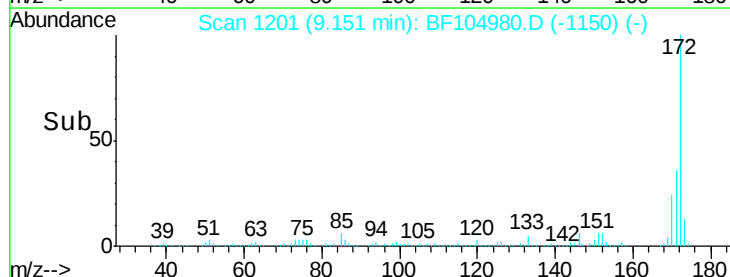
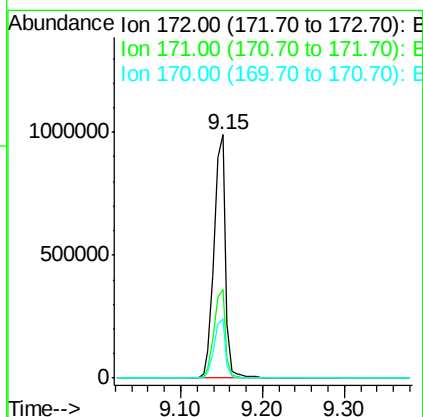
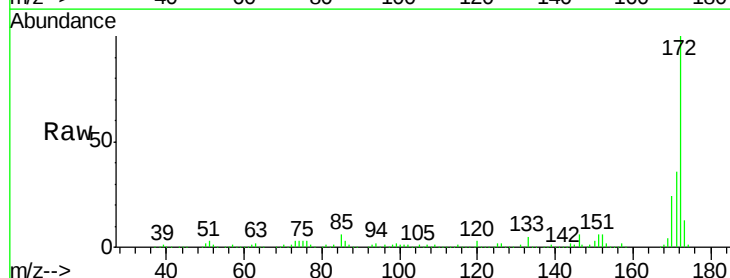
Instrument :
 BNA_F
 ClientSampleId :

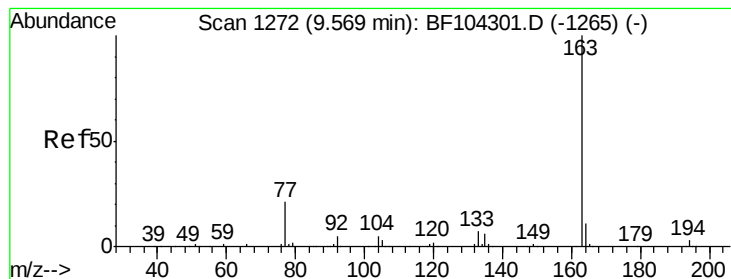
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 65.964 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104980.D
 Acq: 1 May 2018 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





#49

Dimethylphthalate

Concen: 6.878 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

Instrument :

BNA_F

ClientSampleId :

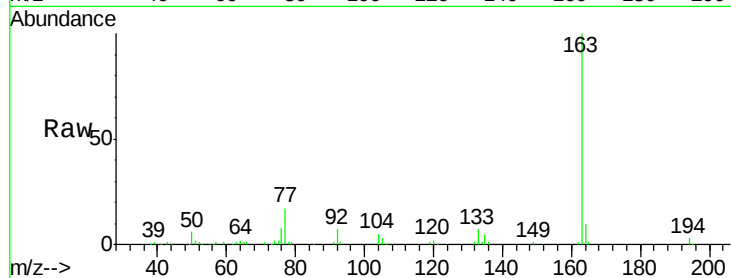
Tot Ion:163 Resp: 126578

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

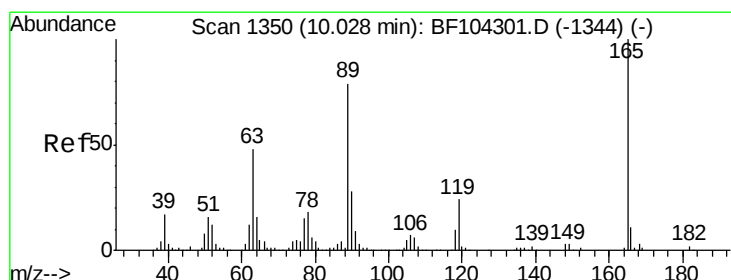
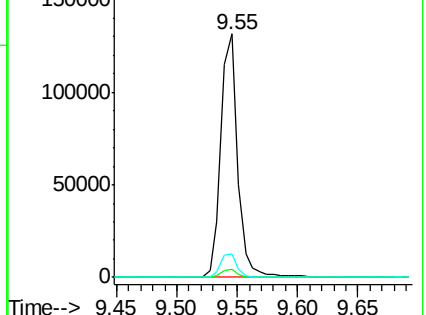
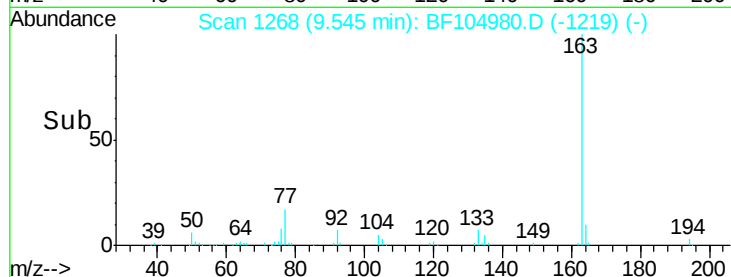
164 9.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.685 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

Tgt Ion:165 Resp: 29859

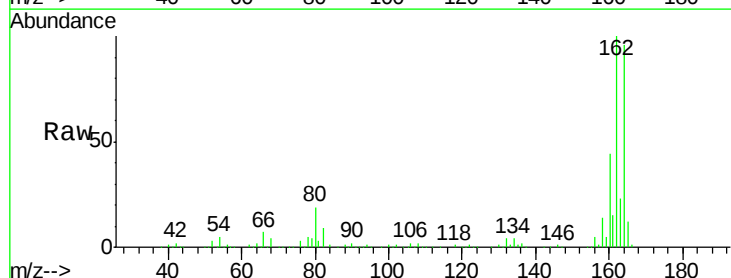
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

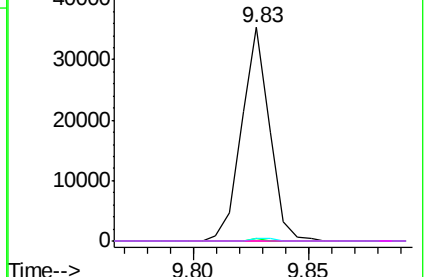
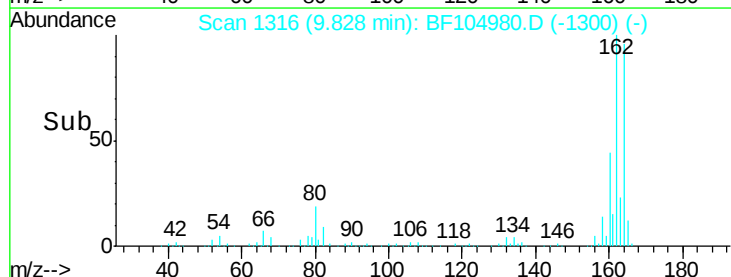


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

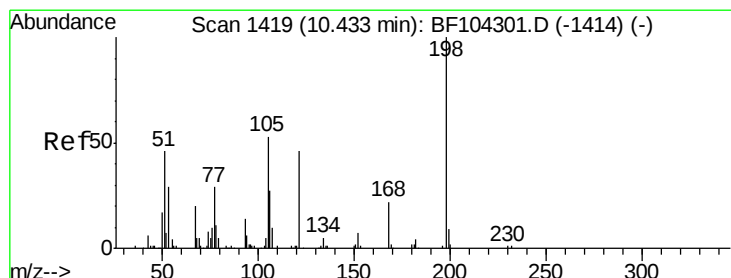
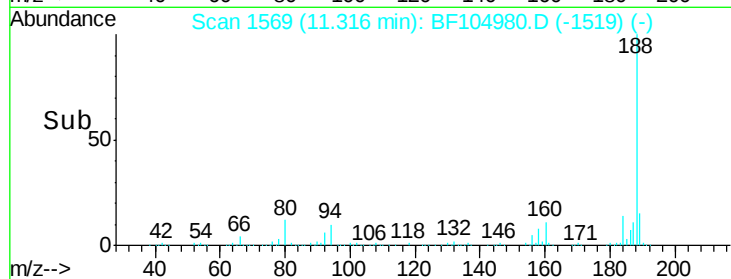
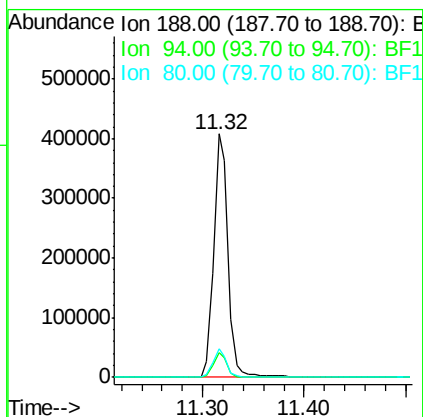
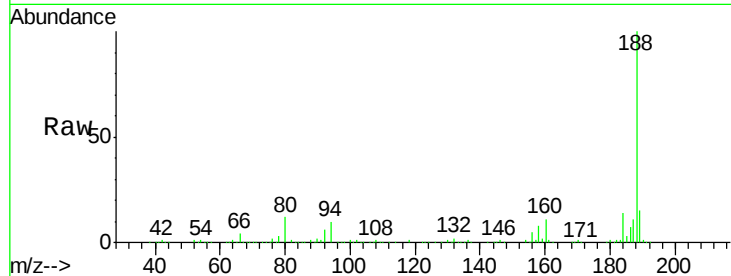




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

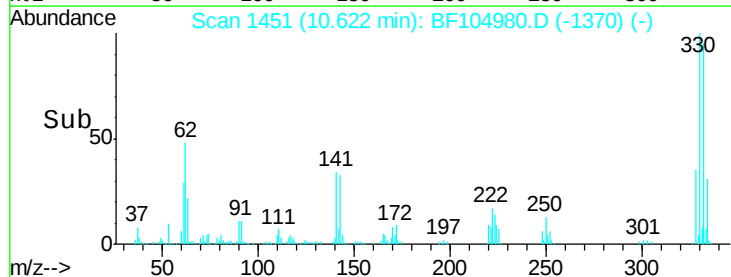
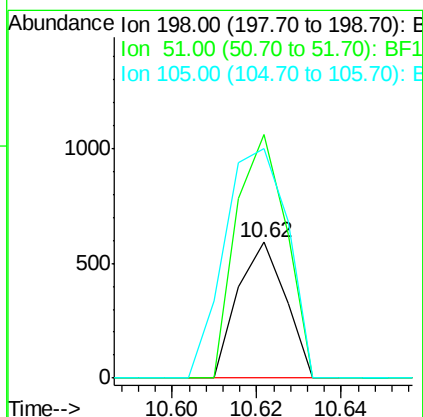
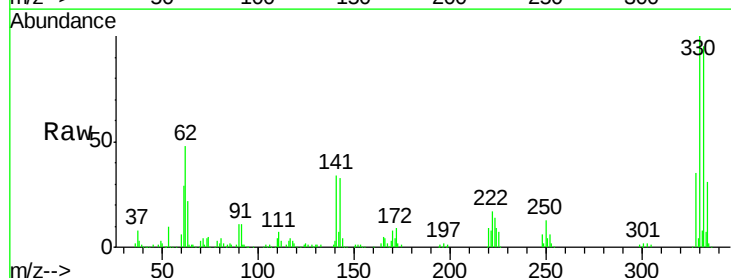
Instrument :
BNA_F
ClientSampled :

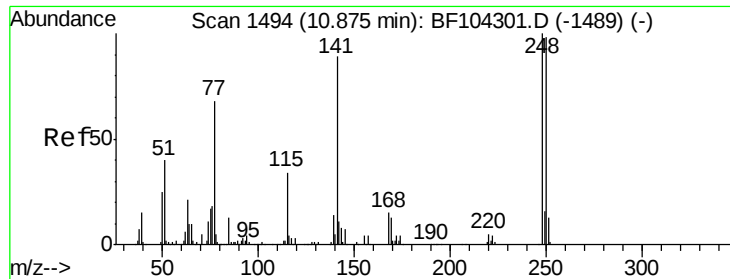
Tot Ion:188 Resp: 396695
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.551 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Tgt Ion:198 Resp: 465
Ion Ratio Lower Upper
198 100
51 179.5 37.7 77.7#
105 168.9 36.3 76.3#

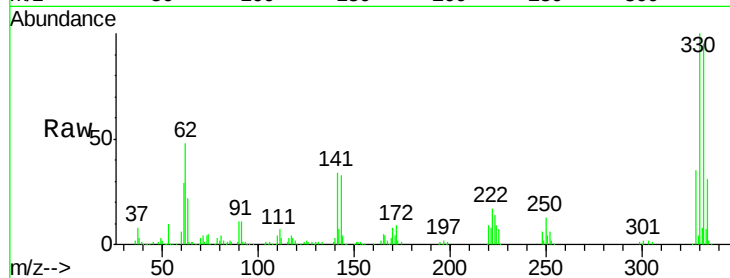




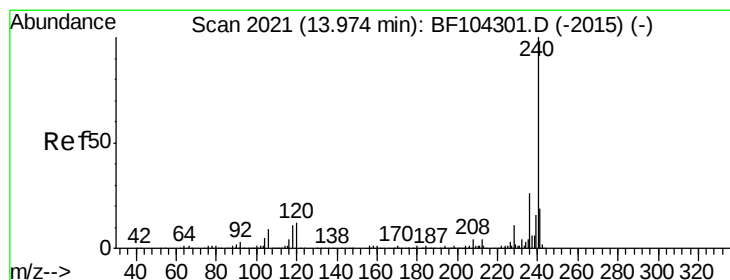
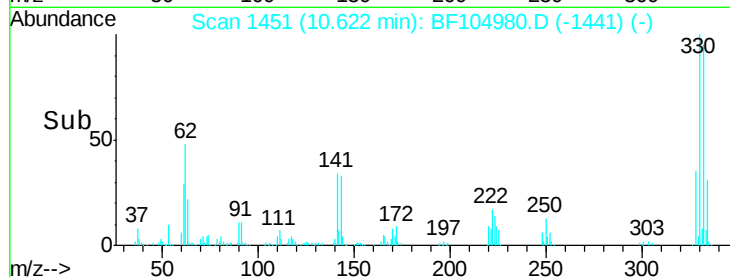
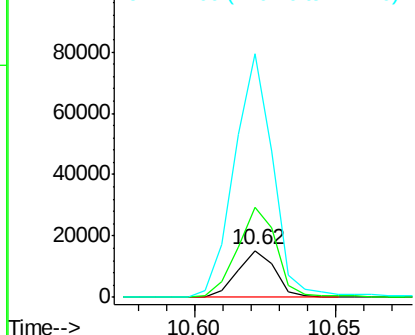
#66
4-Bromophenyl-phenylether
Concen: 3.323 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14023
Ion Ratio Lower Upper
248 100
250 192.6 76.9 115.3#
141 521.6 74.4 111.6#

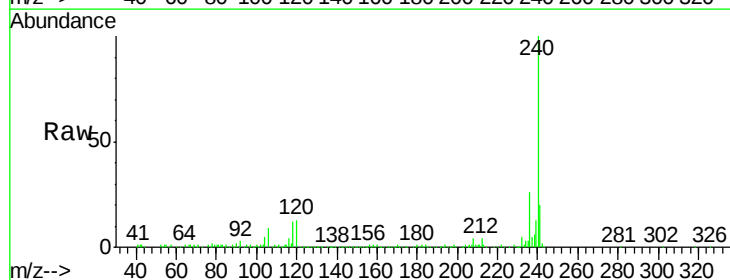


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

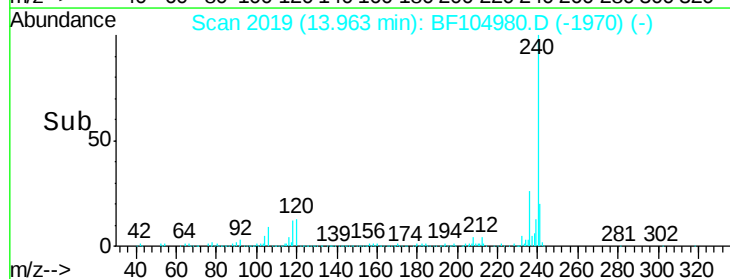
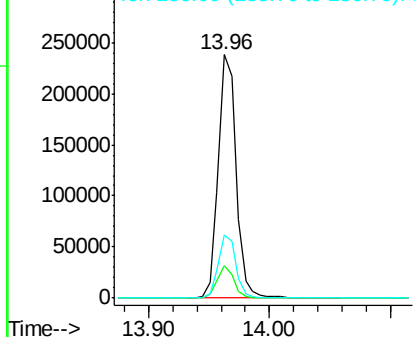


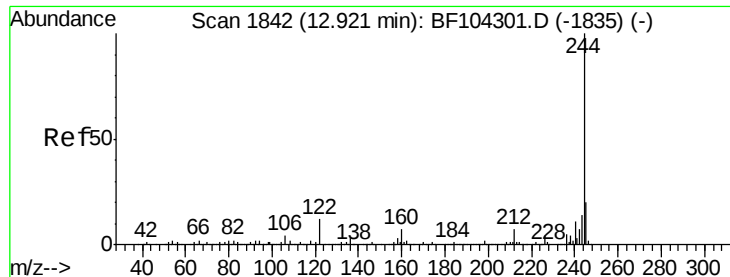
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104980.D
Acq: 1 May 2018 13:42

Tgt Ion:240 Resp: 242524
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.0 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





#78

Terphenyl-d14

Concen: 74.788 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

Instrument :

BNA_F

ClientSampled :

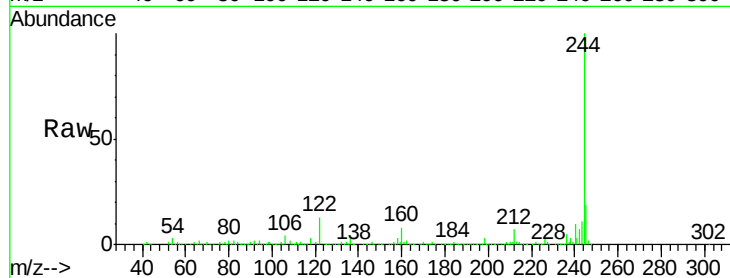
Tot Ion:244 Resp: 795584

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

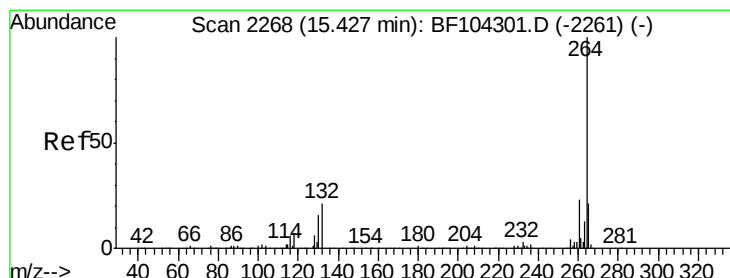
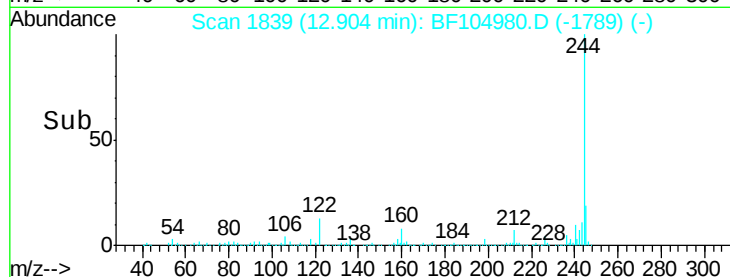
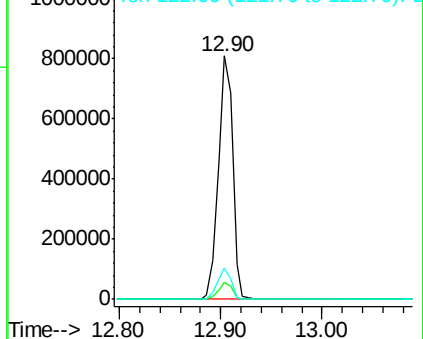
122 12.6 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF104980.D

Acq: 1 May 2018 13:42

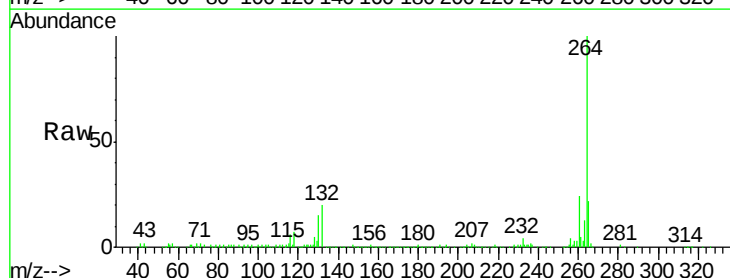
Tgt Ion:264 Resp: 234340

Ion Ratio Lower Upper

264 100

260 23.8 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

