

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104962.D
 Acq On : 1 May 2018 5:11
 Operator : JU/SJ
 Sample : J2617-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 07:31:22 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

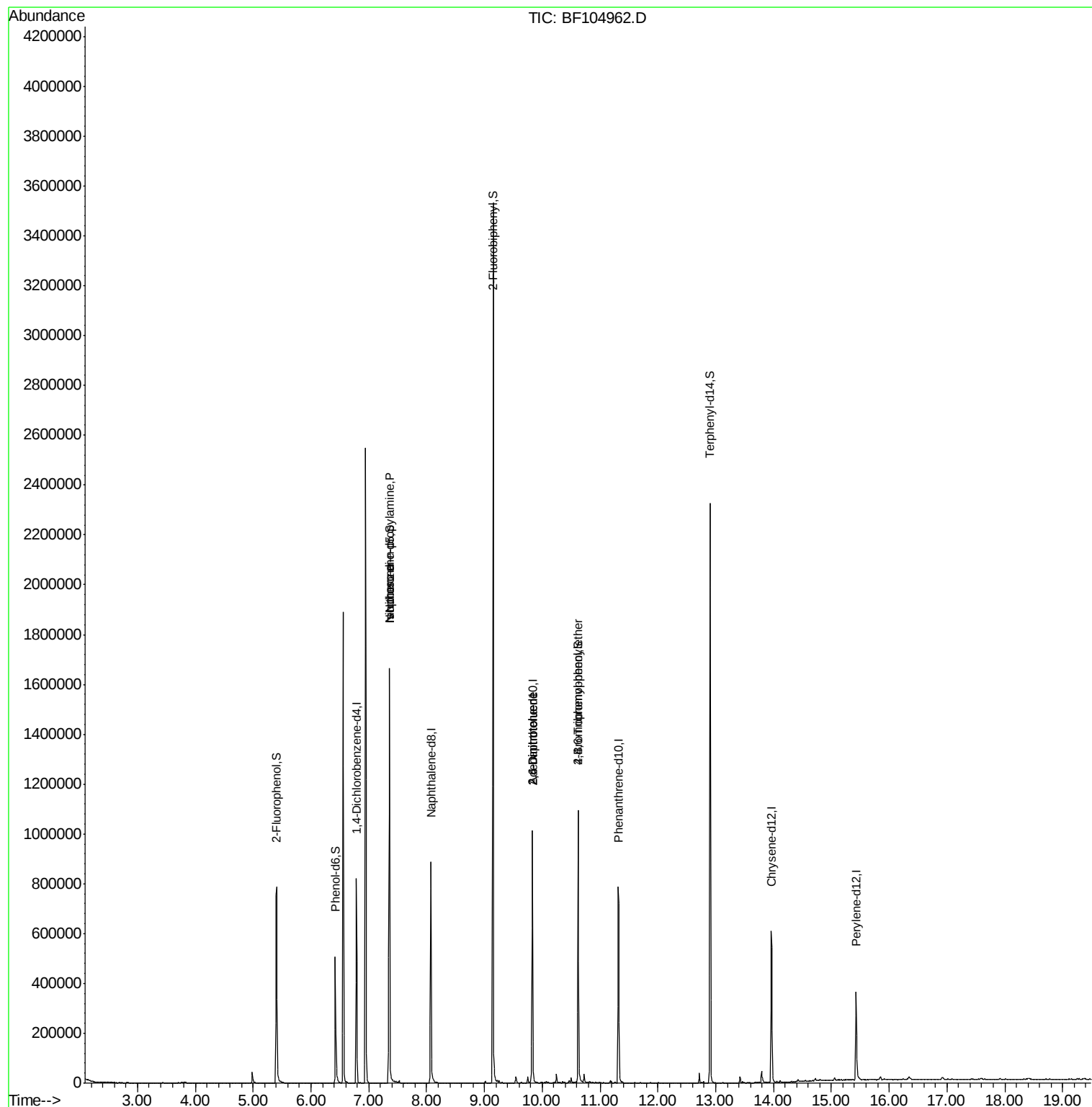
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118304	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	477439	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206609	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	327883	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	235106	20.00	ng	-0.01
86) Perylene-d12	15.43	264	185061	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	276895	35.79	ng	0.00
7) Phenol-d6	6.42	99	206817	21.76	ng	-0.02
23) Nitrobenzene-d5	7.36	82	653683	89.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	151143	70.52	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1140124	87.17	ng	0.00
78) Terphenyl-d14	12.90	244	857995	83.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	84400	13.59	ng	# 72
25) Isophorone	7.36	82	653730	42.28	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	26167	8.68	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	26167	6.62	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	9065	2.60	ng	# 1
76) Benzidine	12.90	184	11086	Below Cal		# 93

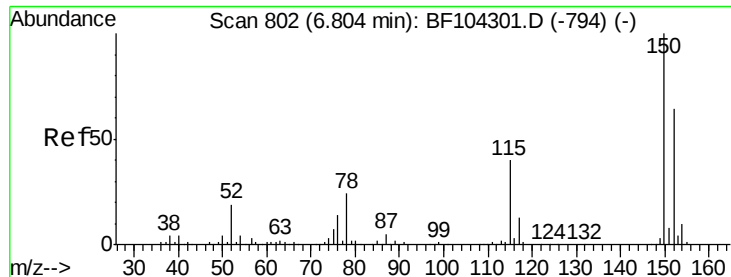
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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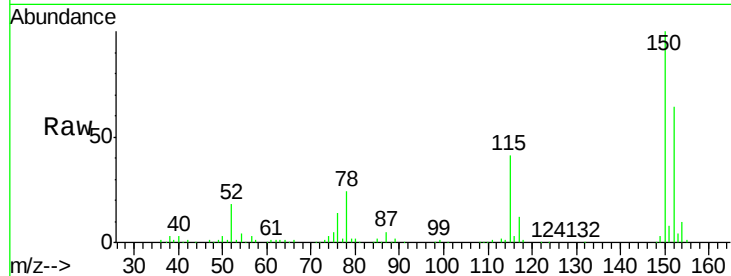


#1

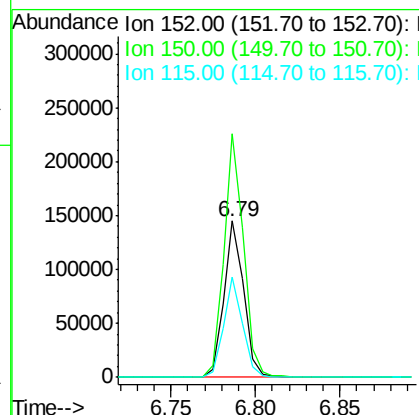
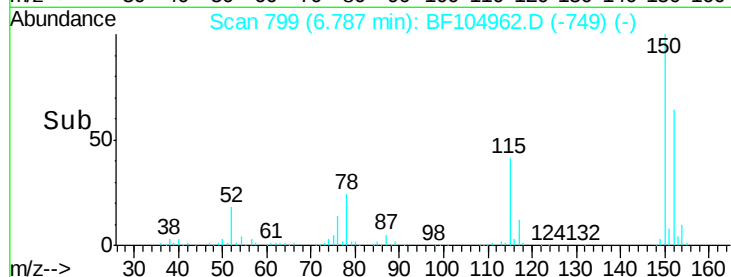
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118304
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 63.9 50.1 75.1



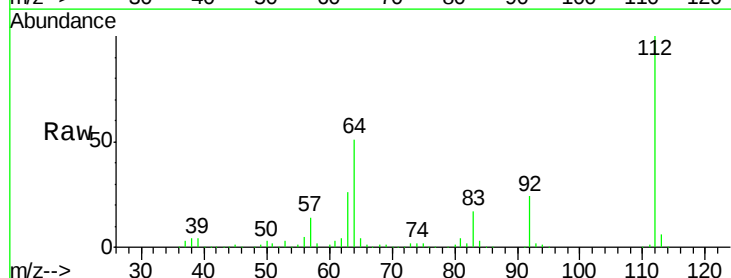
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



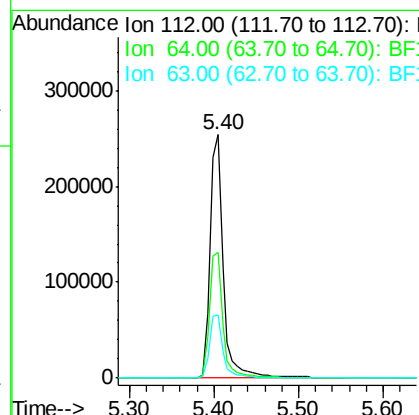
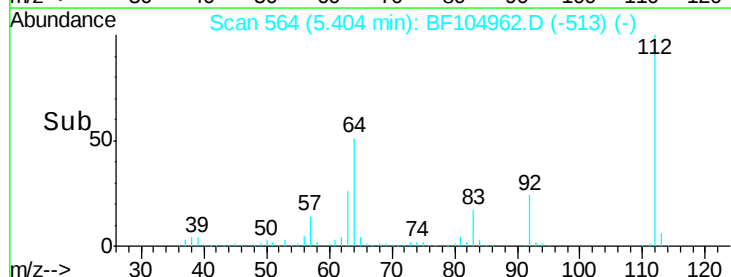
#5

2-Fluorophenol
Concen: 35.79 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Tgt Ion:112 Resp: 276895
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 26.0 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: 21.76 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampled :

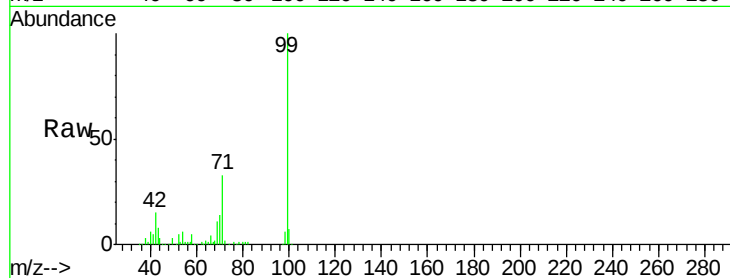
Tot Ion: 99 Resp: 206817

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

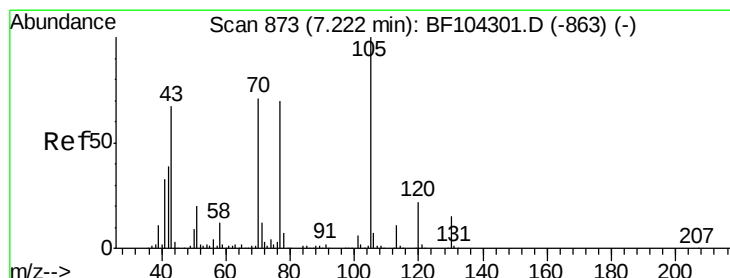
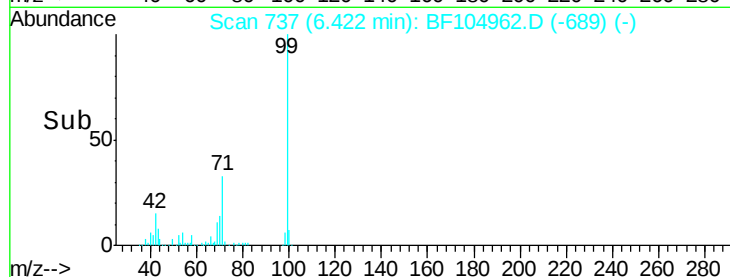
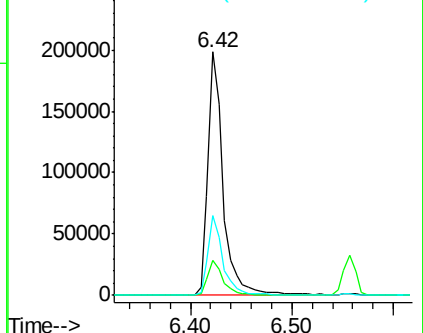
71 33.0 25.4 38.0



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: 13.59 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Tgt Ion: 70 Resp: 84400

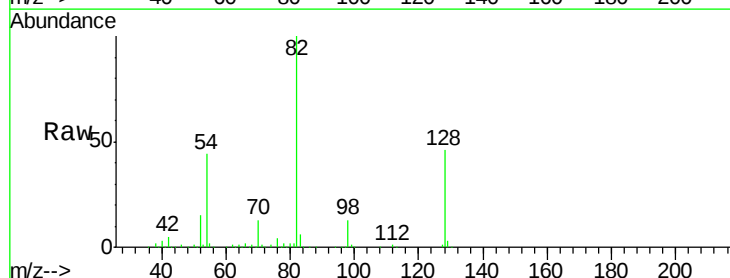
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

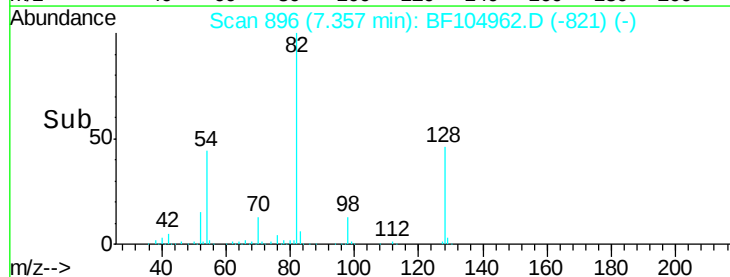
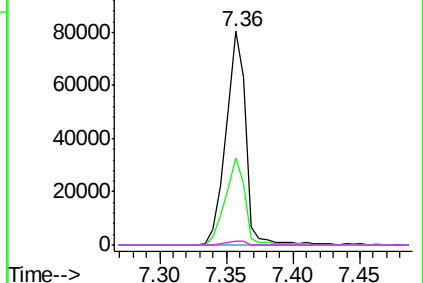


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

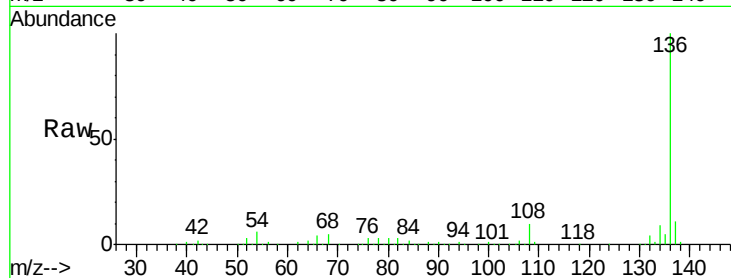




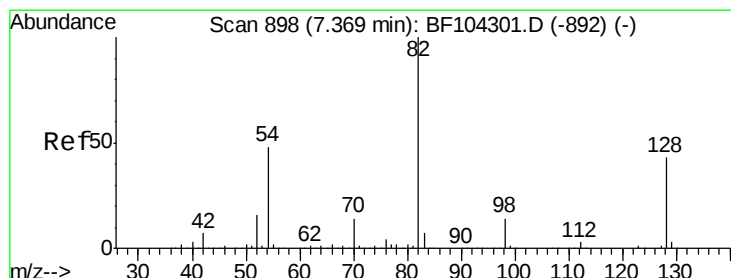
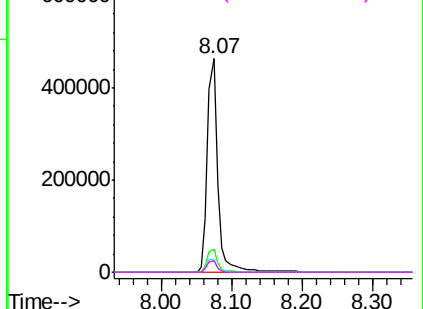
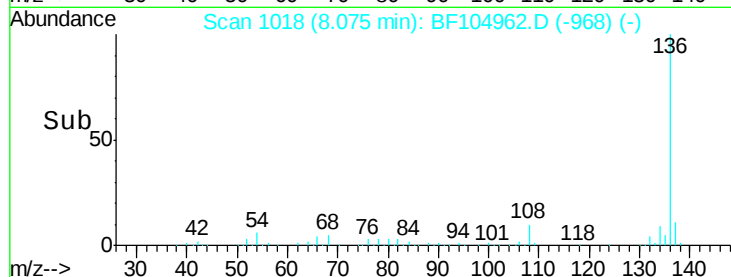
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	477439
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.1	6.6 9.8#
68	5.2	5.0 7.4

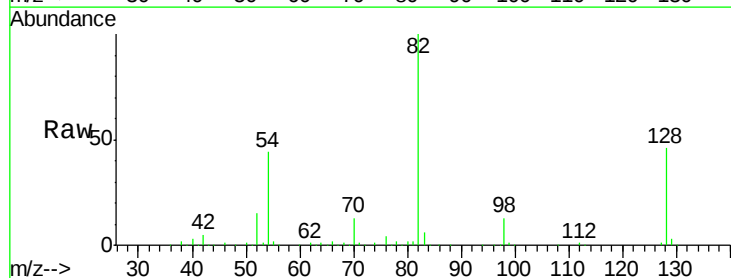


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

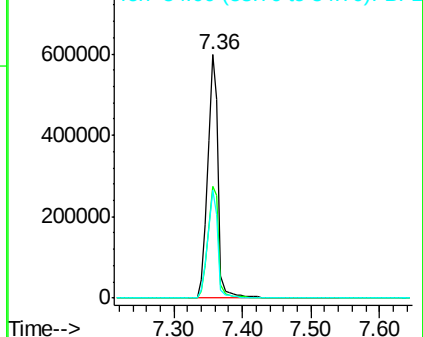
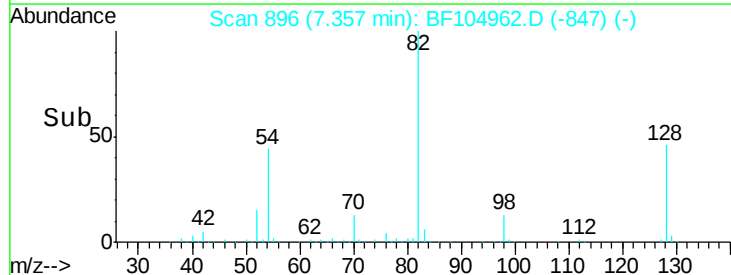


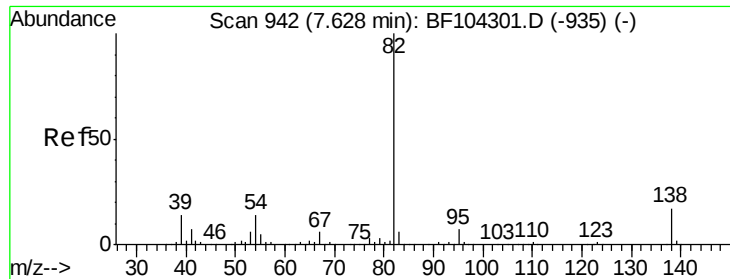
#23
Nitrobenzene-d5
Concen: 89.40 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Tgt Ion: 82	Resp:	653683
Ion Ratio	Lower	Upper
82	100	
128	45.9	36.1 54.1
54	44.2	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

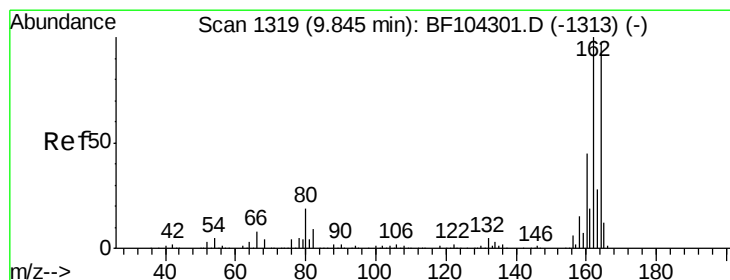
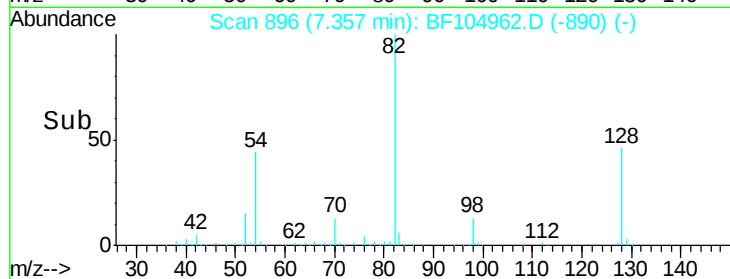
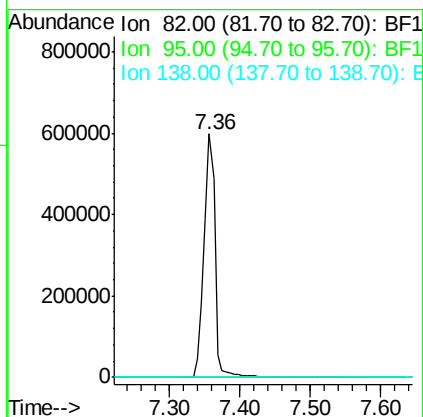
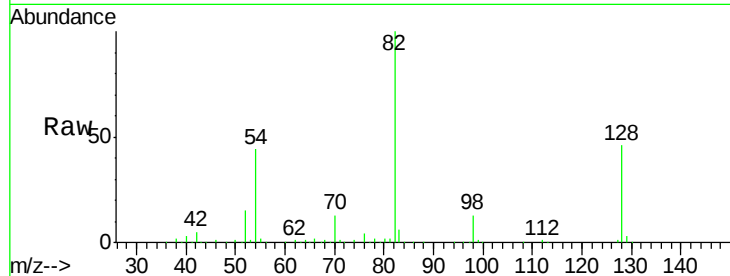




#25
Isophorone
Concen: 42.28 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

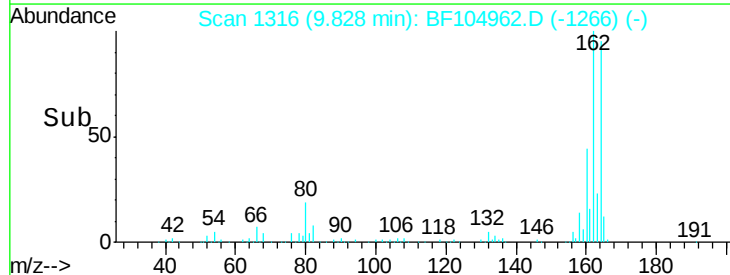
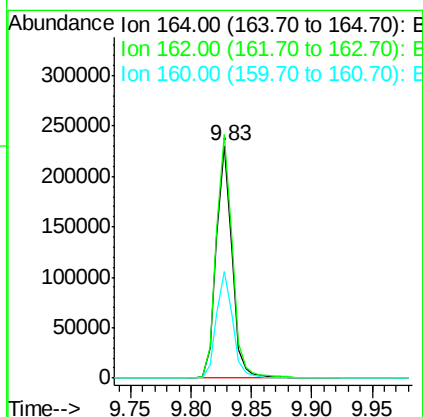
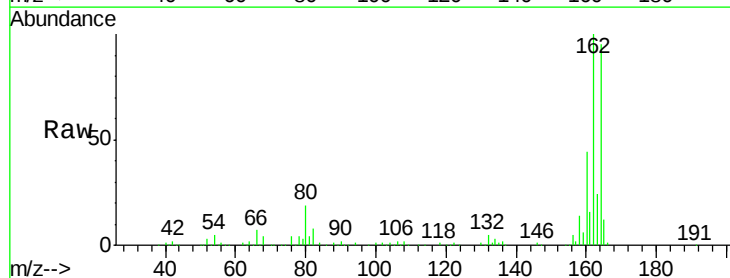
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 653730
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Tgt Ion: 164 Resp: 206609
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 45.8 38.3 57.5

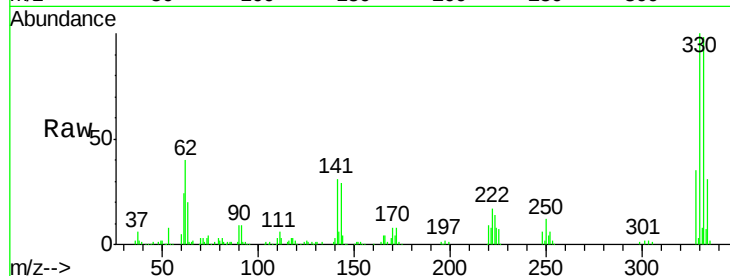




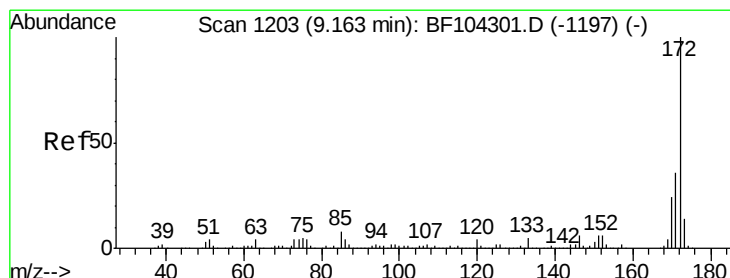
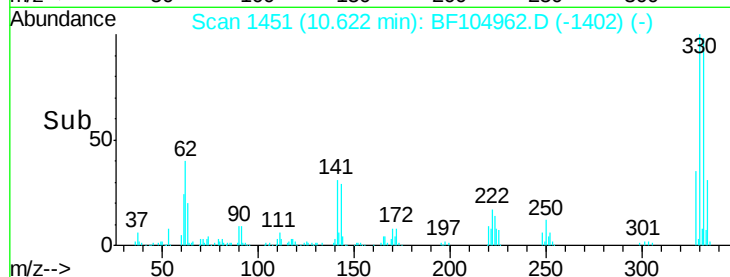
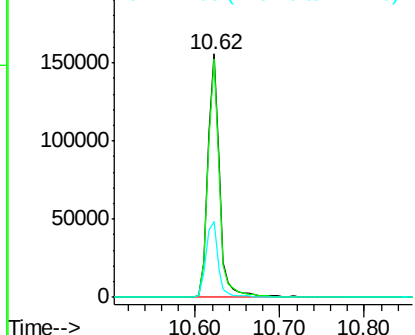
#41
 2,4,6-Tribromophenol
 Concen: 70.52 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104962.D
 Acq: 1 May 2018 5:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 151143
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 32.7 29.9 44.9

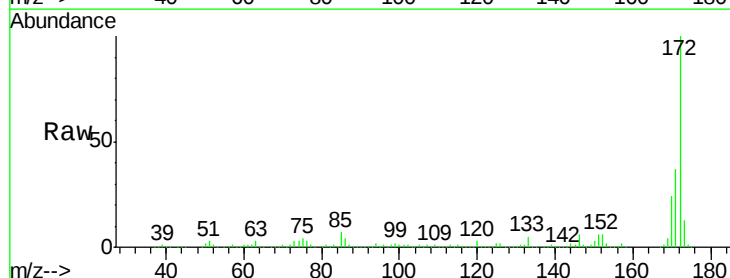


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

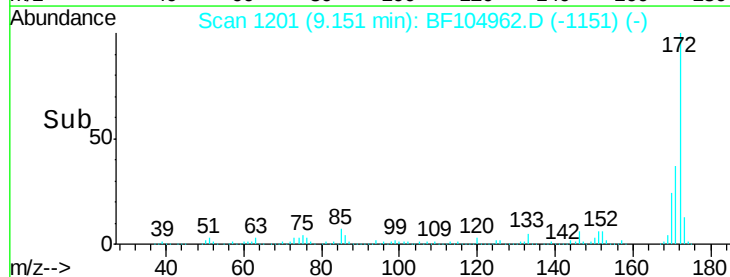
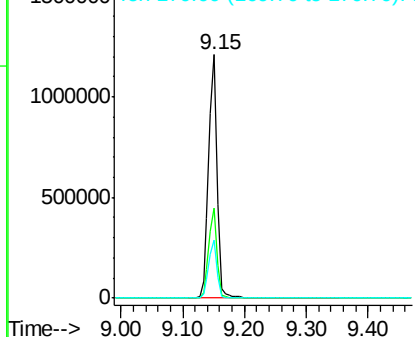


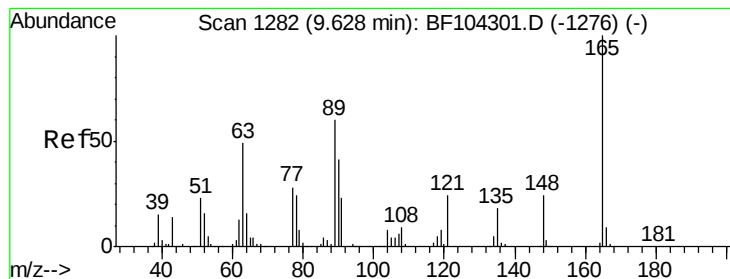
#44
 2-Fluorobiphenyl
 Concen: 87.17 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104962.D
 Acq: 1 May 2018 5:11

Tgt Ion:172 Resp: 1140124
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.1 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





#50

2,6-Dinitrotoluene

Concen: 8.68 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF104962.D

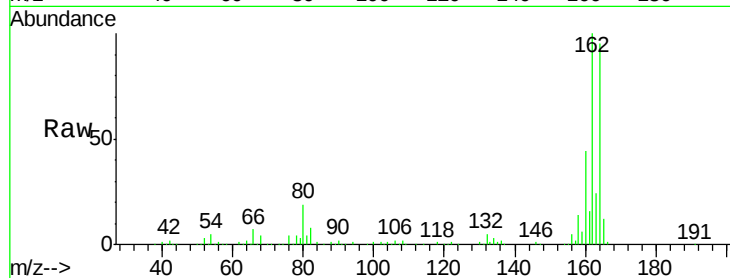
Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampleId :

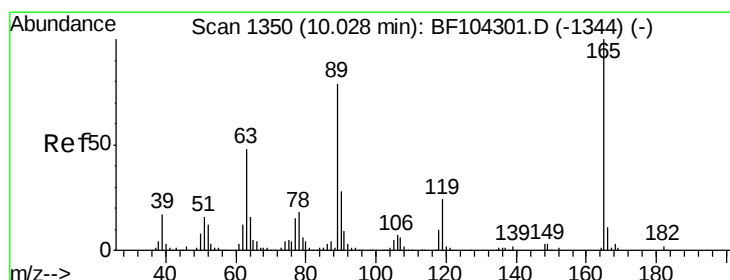
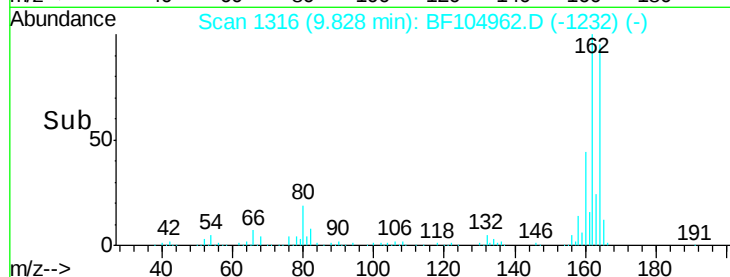
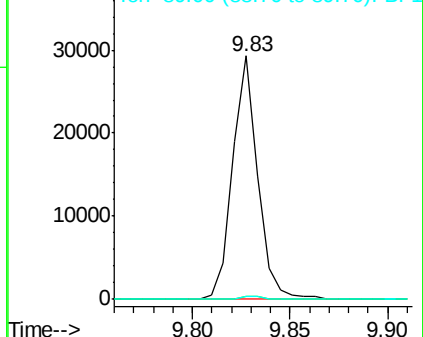
Tot Ion:	165	Resp:	26167
Ion Ratio	Lower	Upper	
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#



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: 6.62 ng

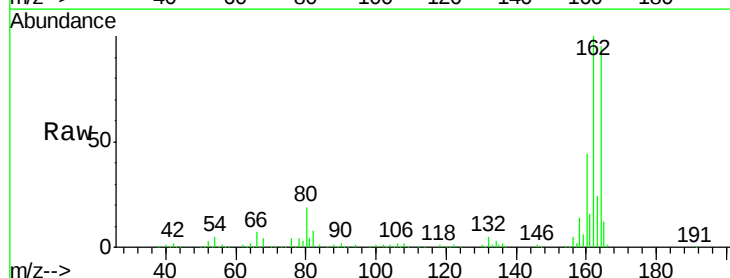
RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Tgt Ion:	165	Resp:	26167
Ion Ratio	Lower	Upper	
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

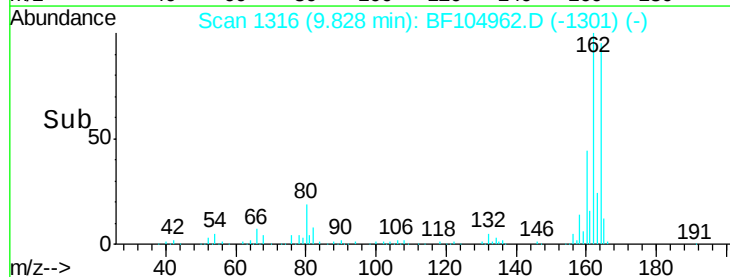
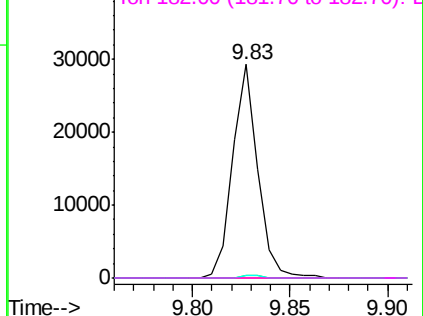


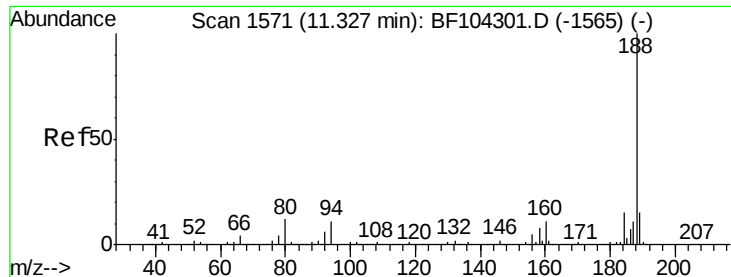
Abundance Ion 165.00 (164.70 to 165.70): E

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

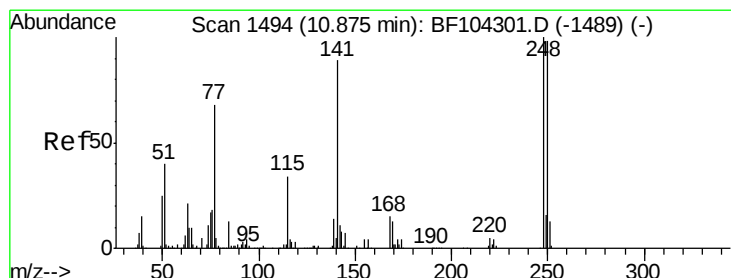
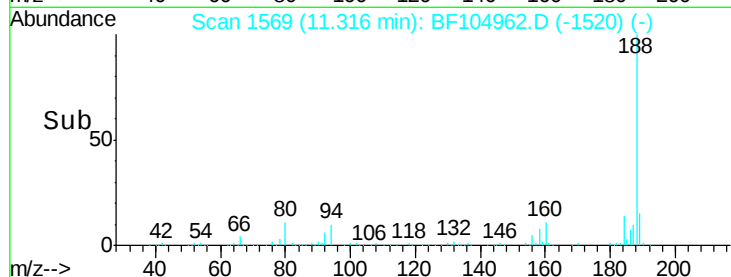
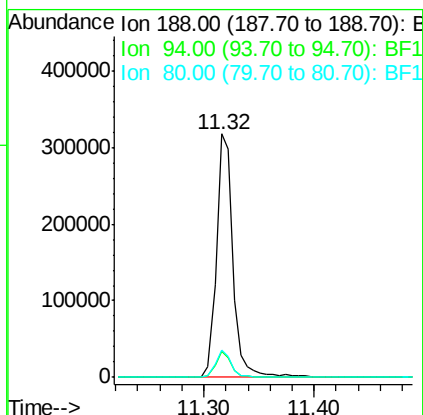
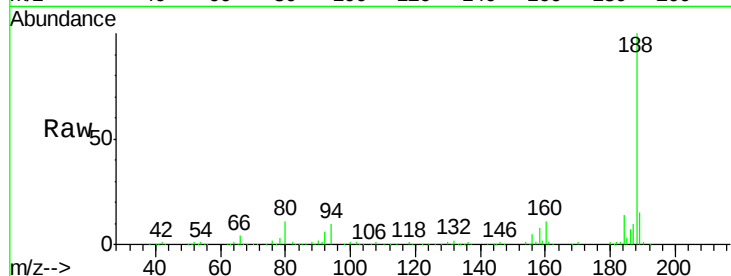




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

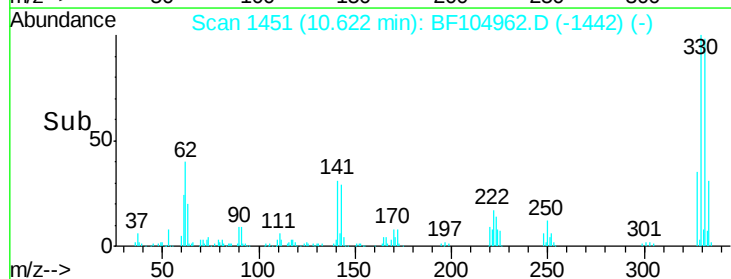
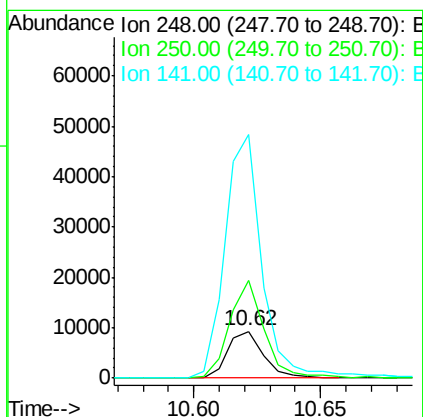
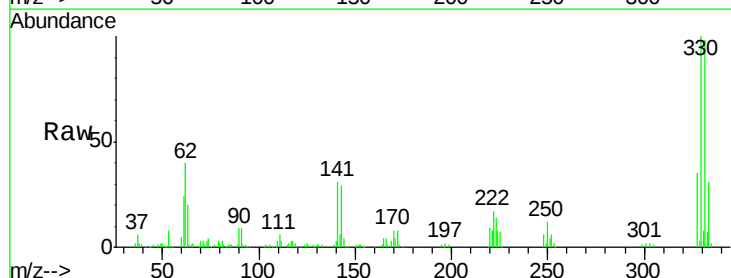
Instrument :
BNA_F
ClientSampleId :

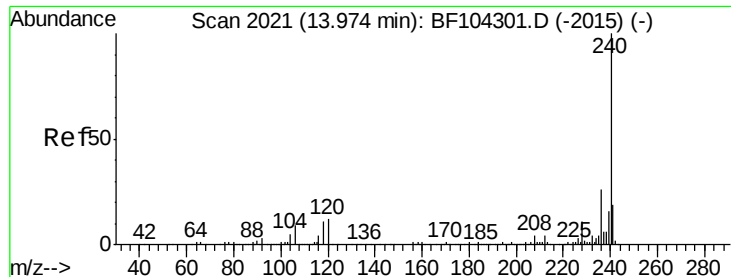
Tot Ion:188 Resp: 327883
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Tgt Ion:248 Resp: 9065
Ion Ratio Lower Upper
248 100
250 208.7 76.9 115.3#
141 519.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampled :

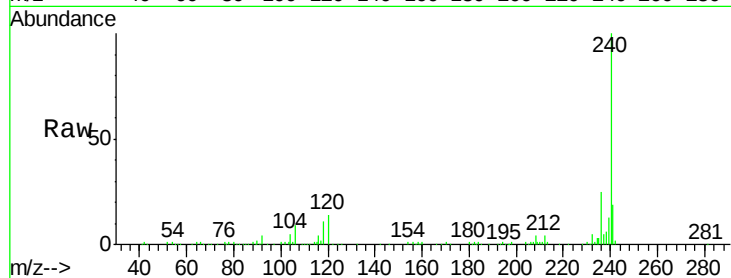
Tot Ion:240 Resp: 235106

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

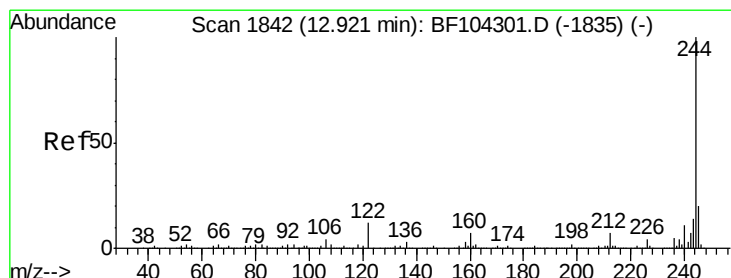
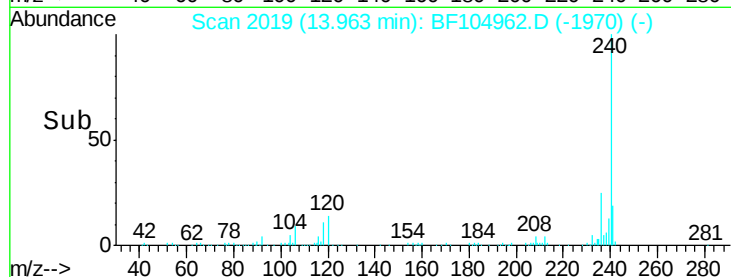
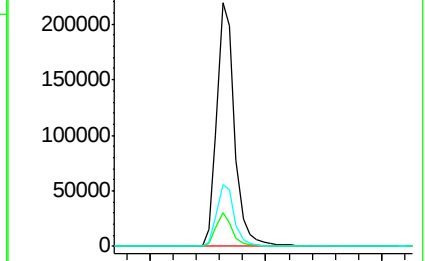
236 25.3 20.7 31.1



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: 83.20 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

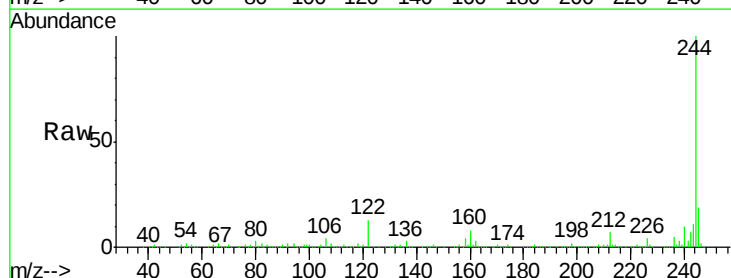
Tgt Ion:244 Resp: 857995

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

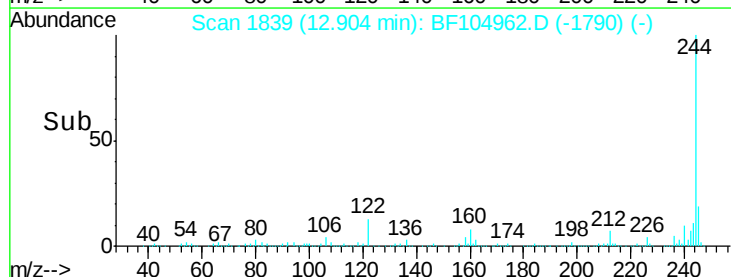
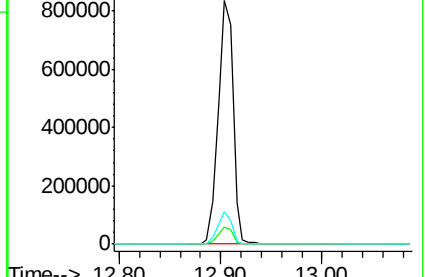
122 13.2 11.0 16.4

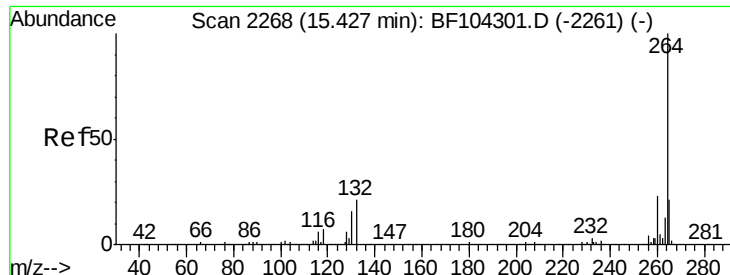


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

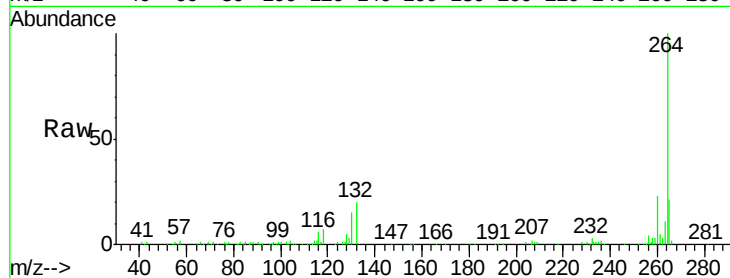




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.0	19.2	28.8	
265	21.2	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

