

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101844.D
 Acq On : 2 Jan 2018 12:08
 Operator : SJ/JU
 Sample : PB105401BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 13:10:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

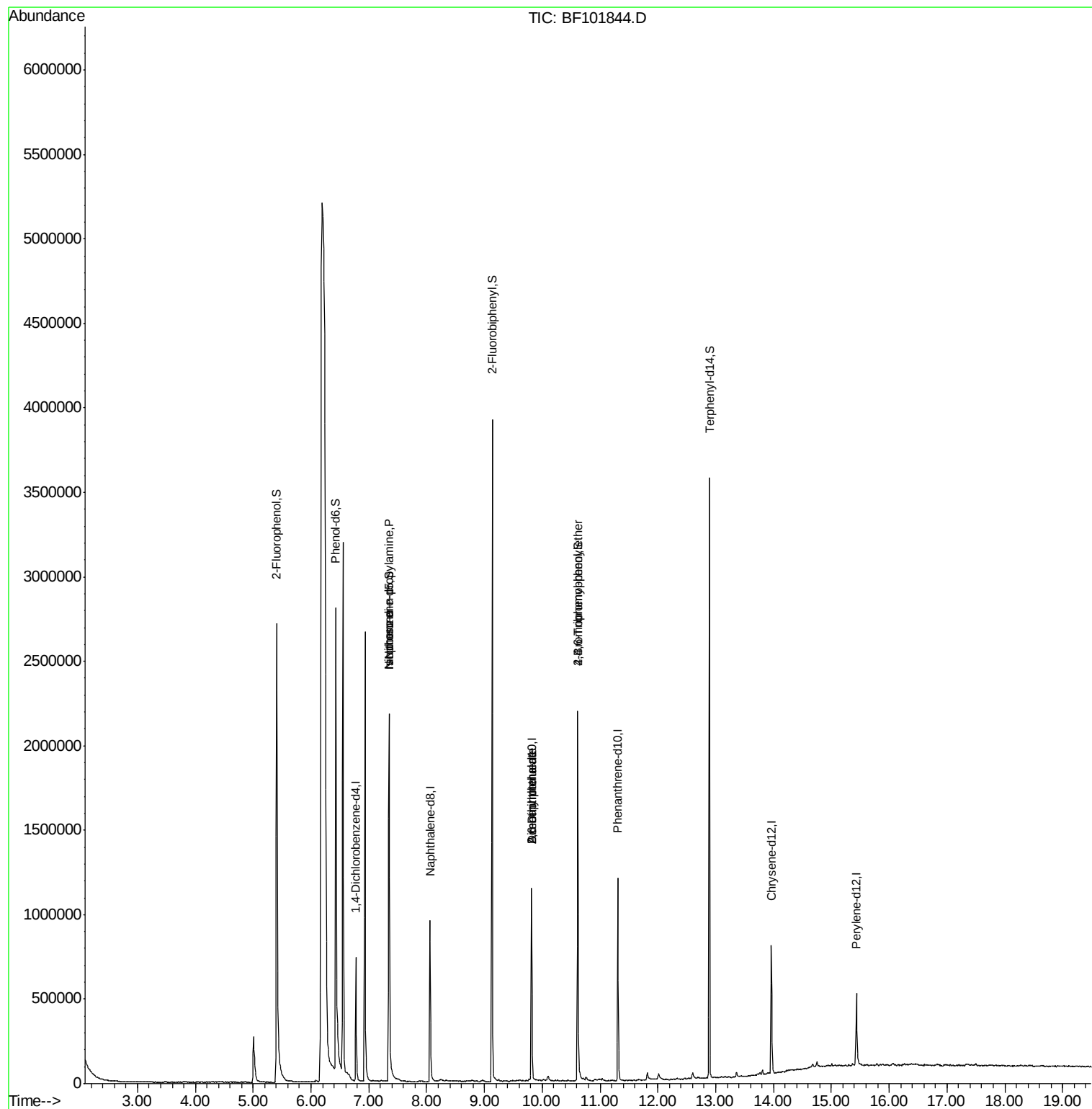
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126126	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	509653	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	235493	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	448425	20.00	ng	0.00
75) Chrysene-d12	13.96	240	288474	20.00	ng	-0.01
86) Perylene-d12	15.43	264	244315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1103281	130.30	ng	0.00
7) Phenol-d6	6.43	99	1331243	126.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	824301	90.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	305972	134.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1407820	92.74	ng	0.00
78) Terphenyl-d14	12.89	244	1325101	110.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	111275	16.079	ng	# 81
25) Isophorone	7.35	82	824301	44.880	ng	# 64
49) Dimethylphthalate	9.82	163	61896	3.268	ng	# 1
50) 2,6-Dinitrotoluene	9.82	165	29996	7.791	ng	# 26
66) 4-Bromophenyl-phenylether	10.62	248	18825	3.736	ng	# 1

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

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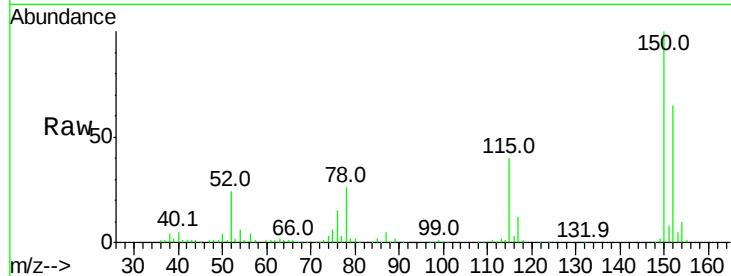


#1

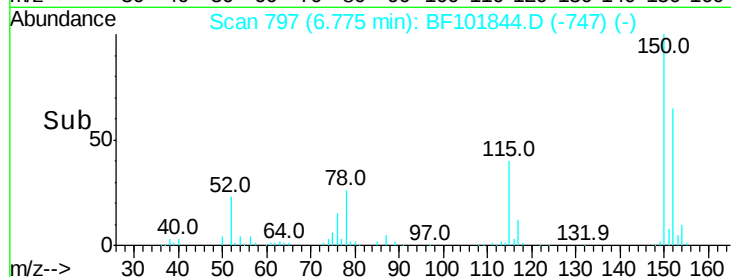
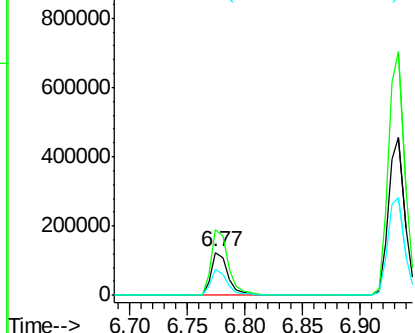
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126126
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 61.6 50.1 75.1



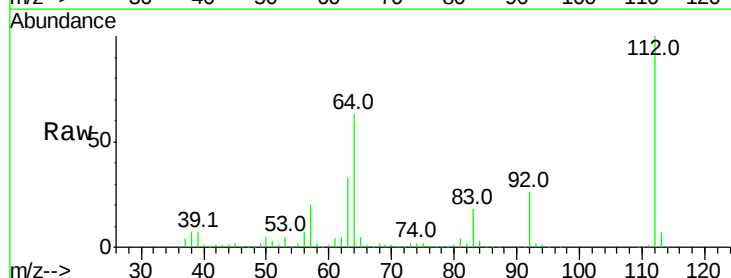
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



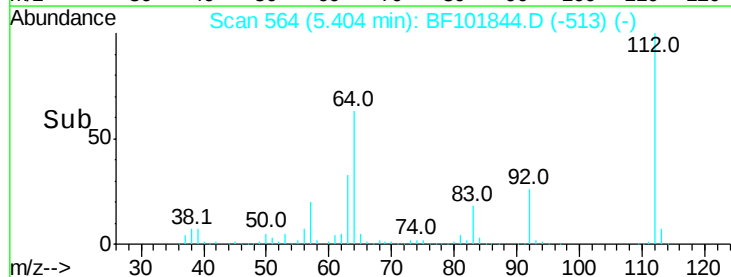
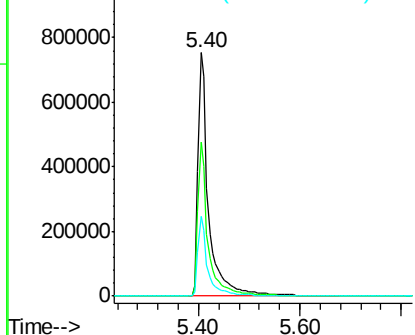
#5

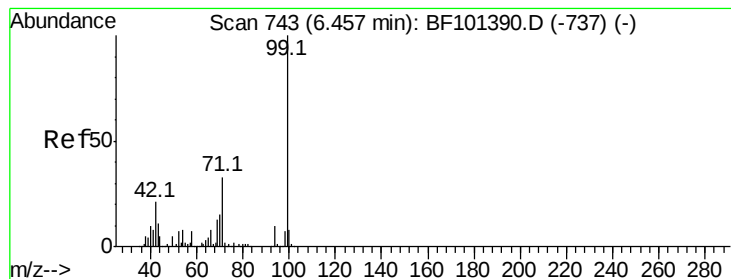
2-Fluorophenol
Concen: 130.300 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Tgt Ion:112 Resp: 1103281
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 33.0 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: 126.330 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Instrument :

BNA_F

ClientSampleId :

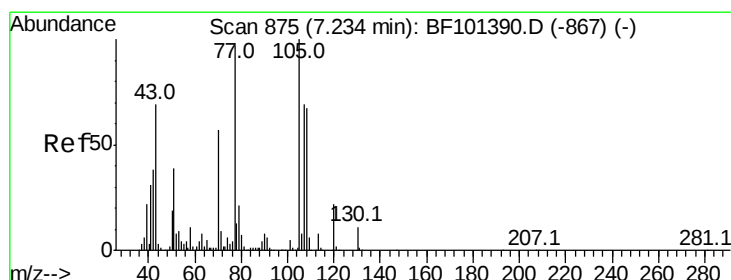
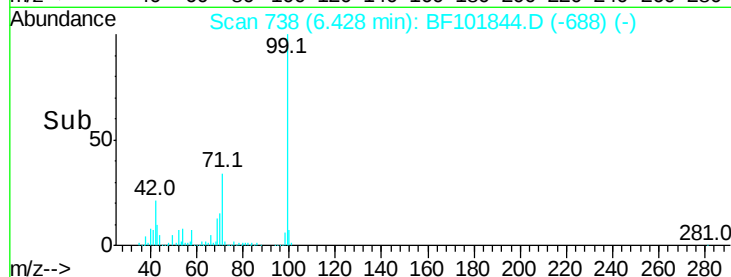
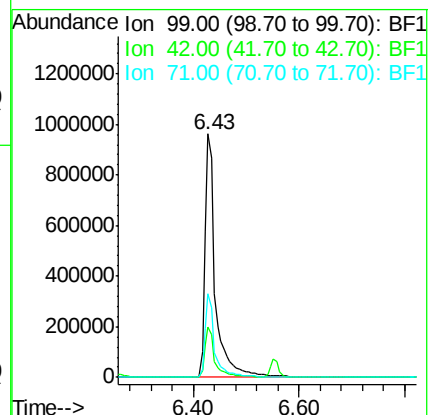
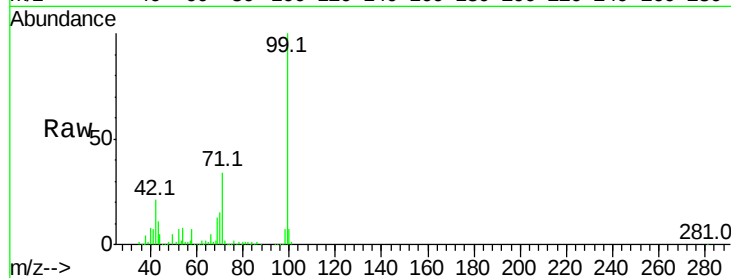
Tot Ion: 99 Resp: 1331243

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 34.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.079 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Tgt Ion: 70 Resp: 111275

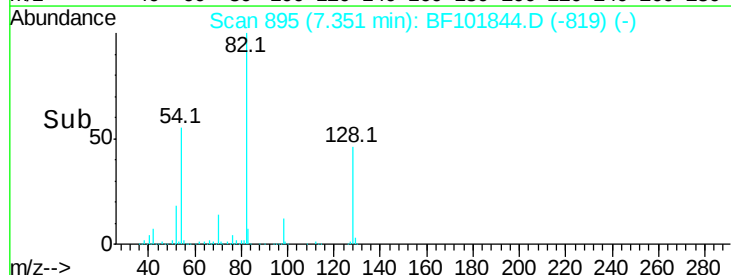
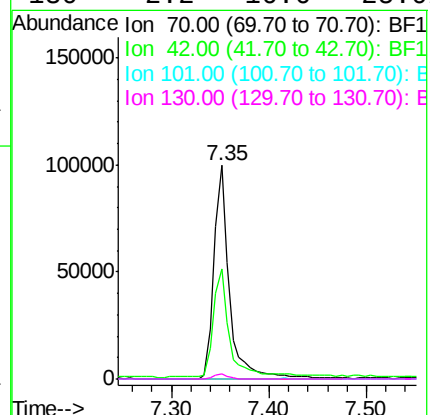
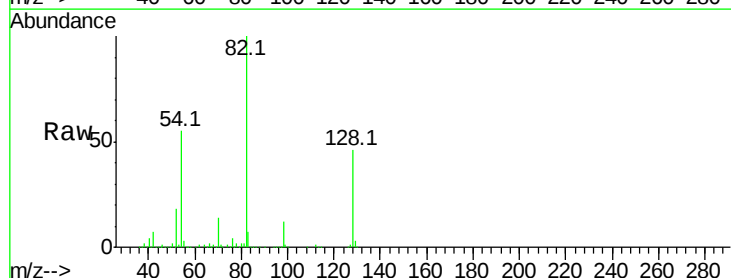
Ion Ratio Lower Upper

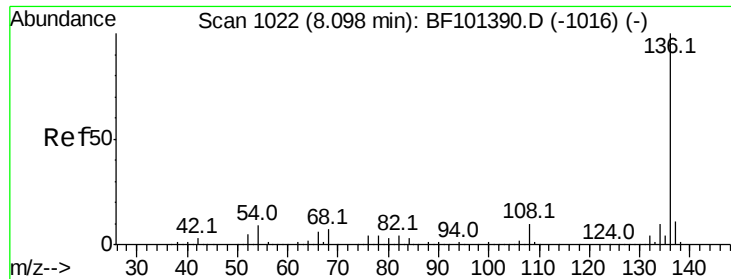
70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

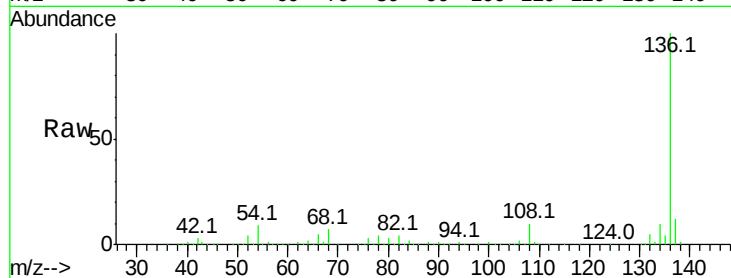




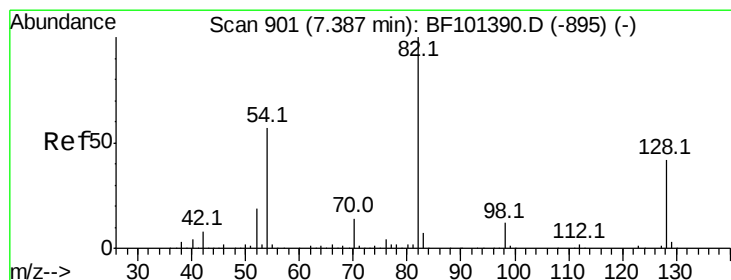
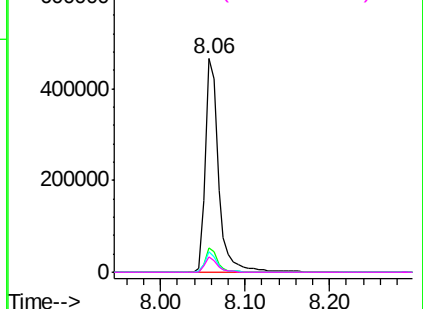
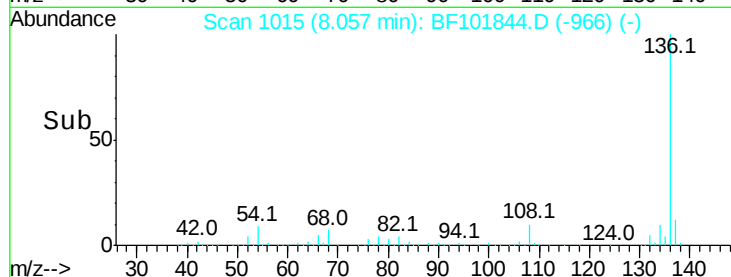
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	509653
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.4	6.6	9.8
68	7.0	5.0	7.4

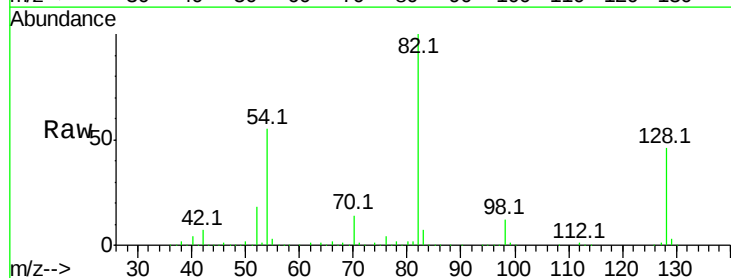


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

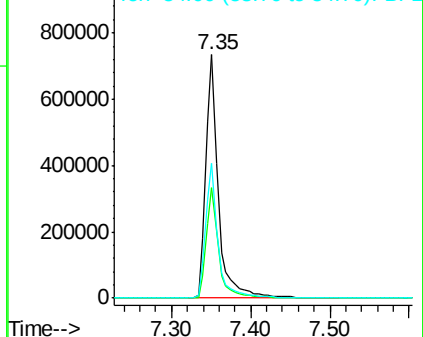
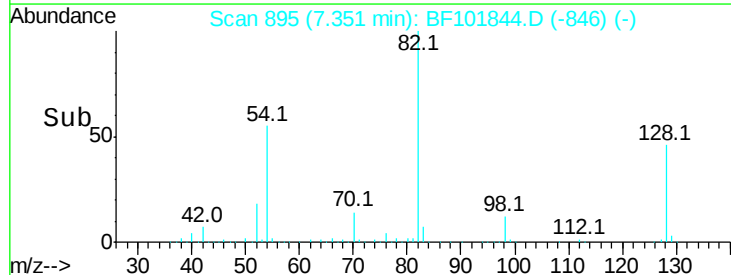


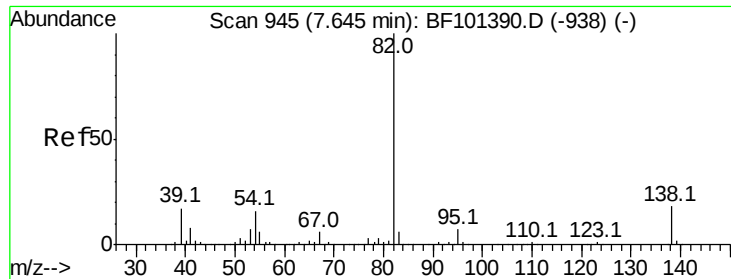
#23
Nitrobenzene-d5
Concen: 90.033 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Tgt Ion:	82	Resp:	824301
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	55.2	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: 44.880 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Instrument :

BNA_F

ClientSampleId :

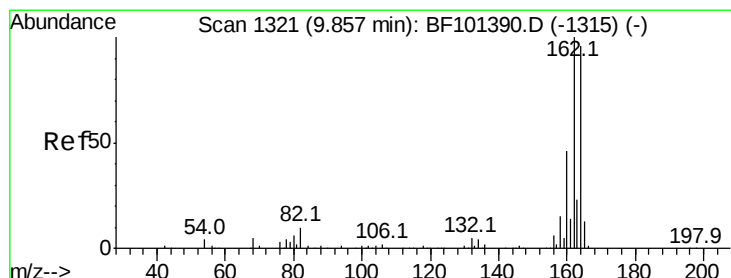
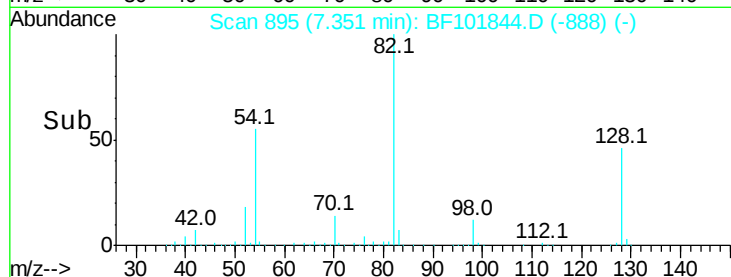
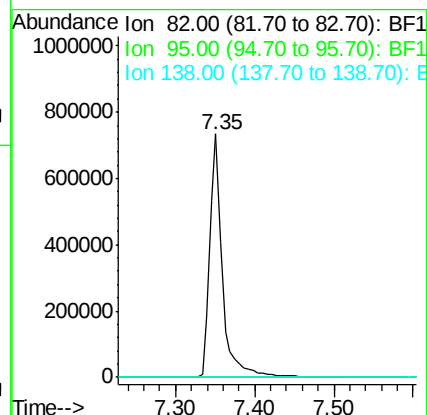
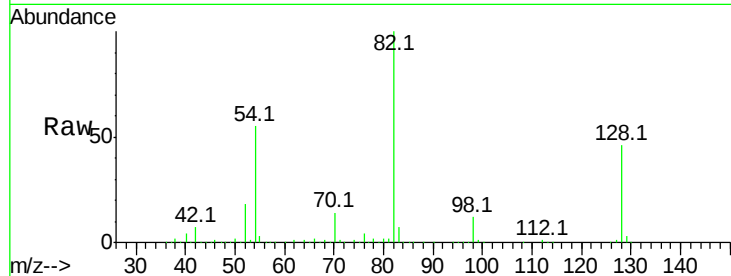
Tot Ion: 82 Resp: 824301

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

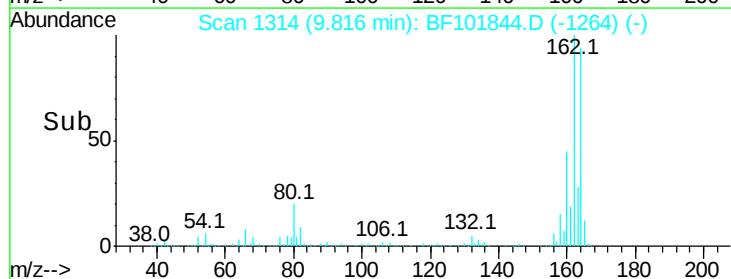
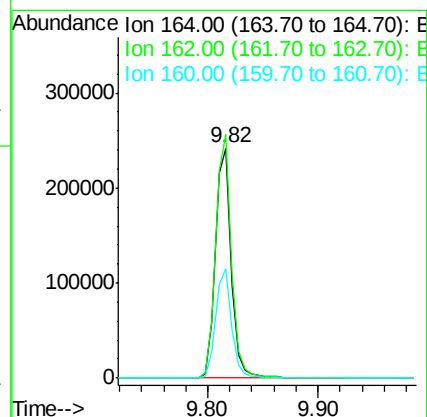
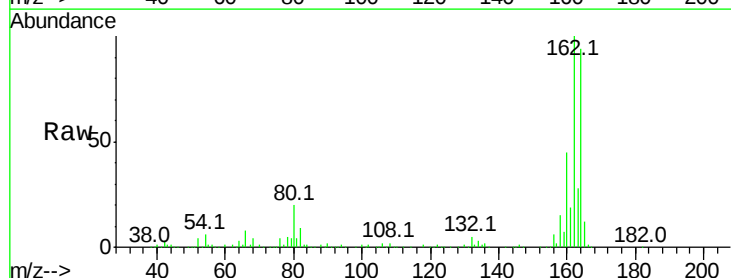
Tgt Ion:164 Resp: 235493

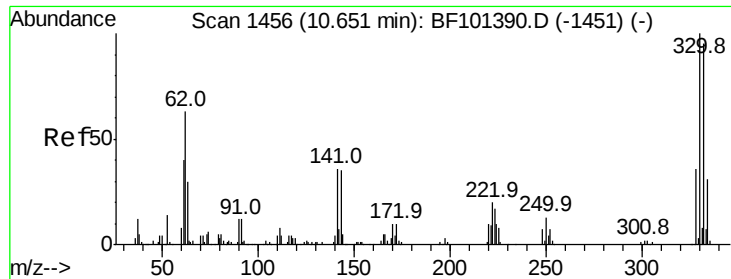
Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

160 47.5 38.3 57.5

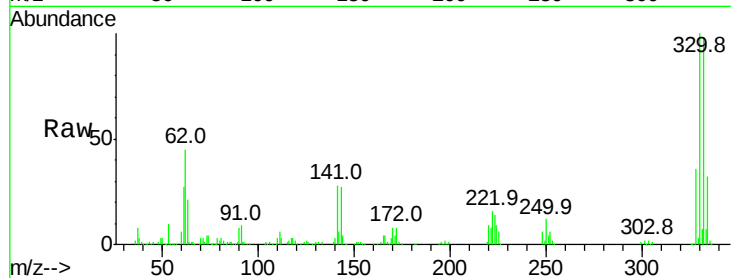




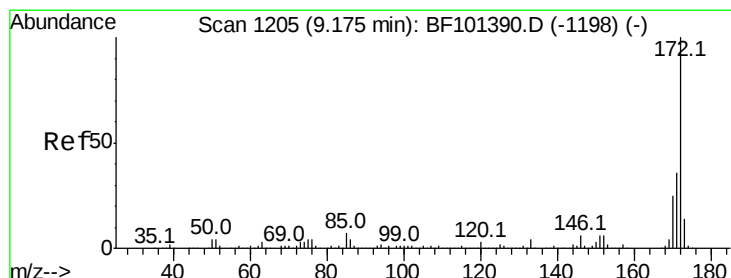
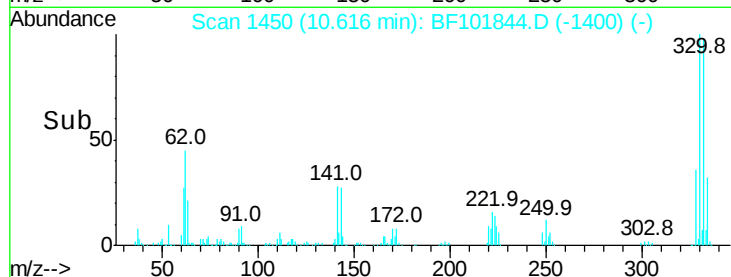
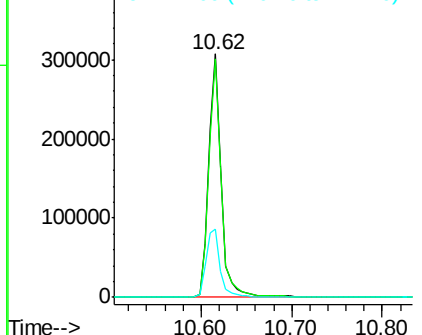
#41
 2,4,6-Tribromophenol
 Concen: 134.839 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	31.3	29.9	44.9

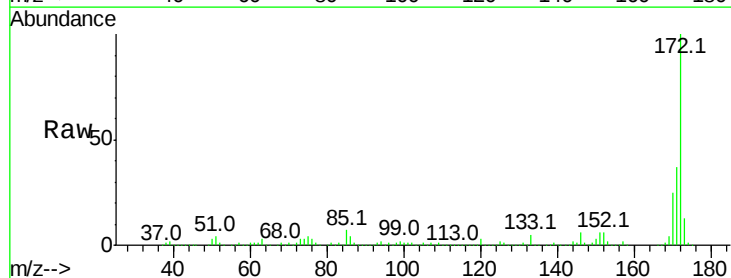


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

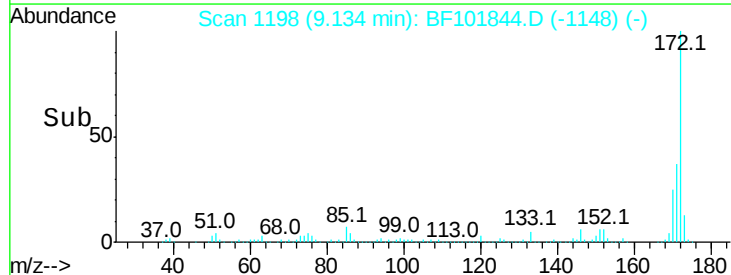
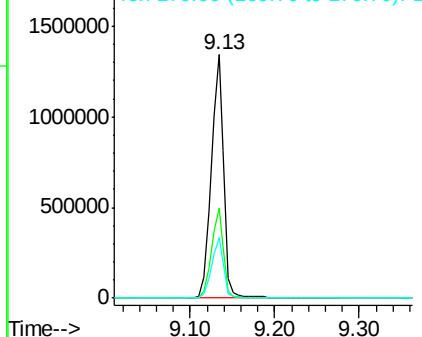


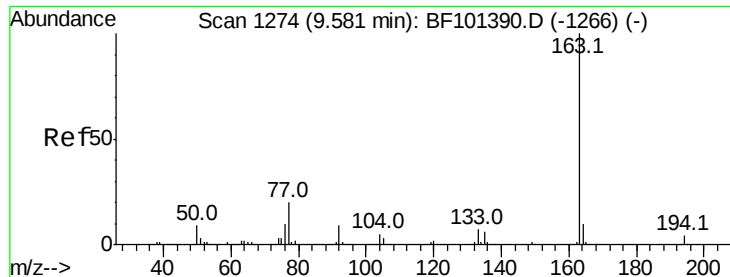
#44
 2-Fluorobiphenyl
 Concen: 92.736 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.0	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

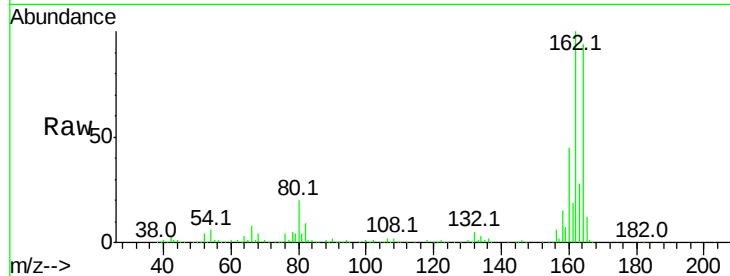




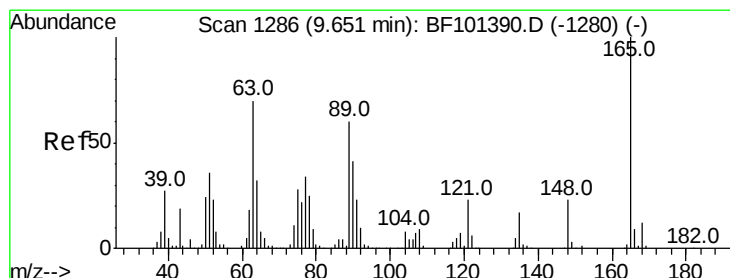
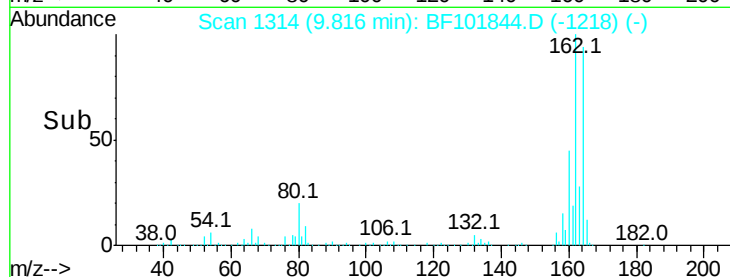
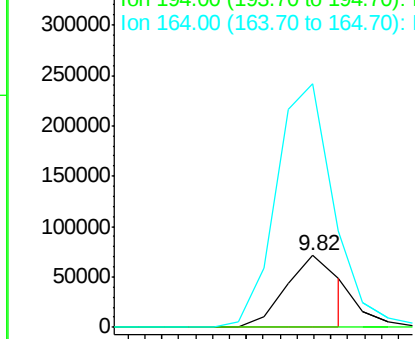
#49
Dimethylphthalate
Concen: 3.268 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.26 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 61896
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 339.2 8.2 12.2#

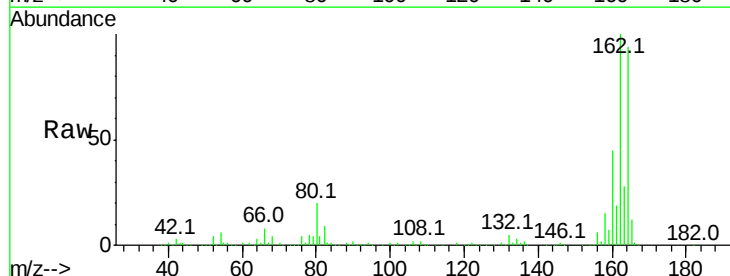


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

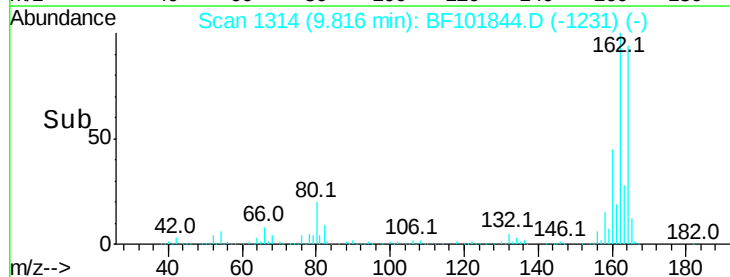
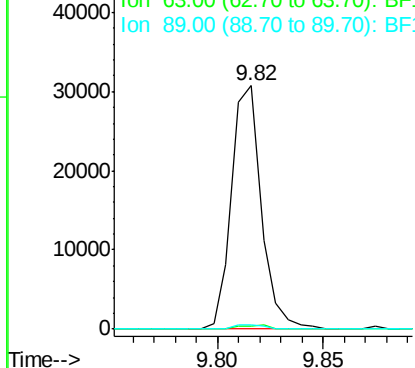


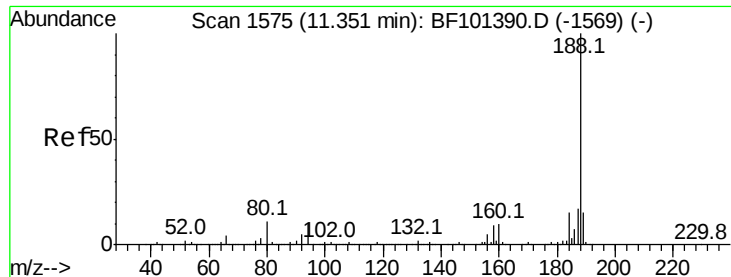
#50
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.19 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Tgt Ion:165 Resp: 29996
Ion Ratio Lower Upper
165 100
63 1.3 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

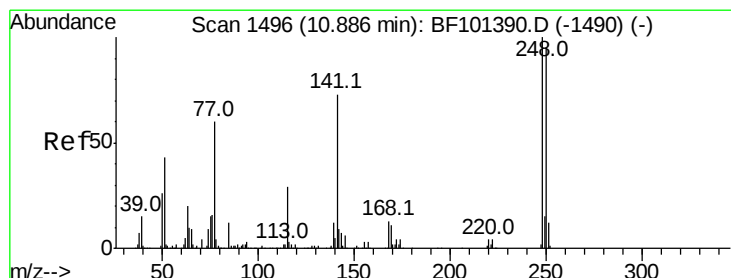
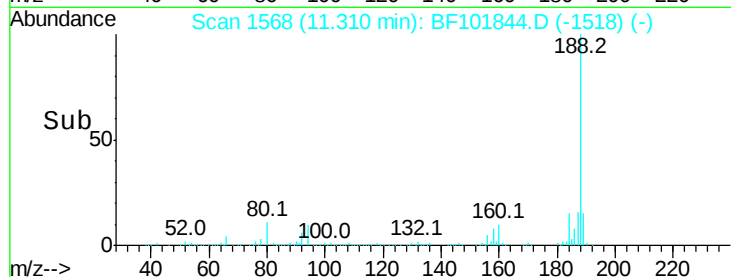
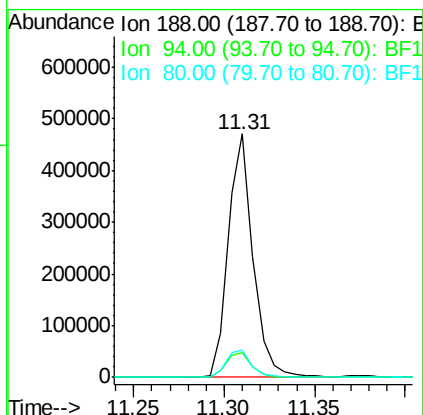
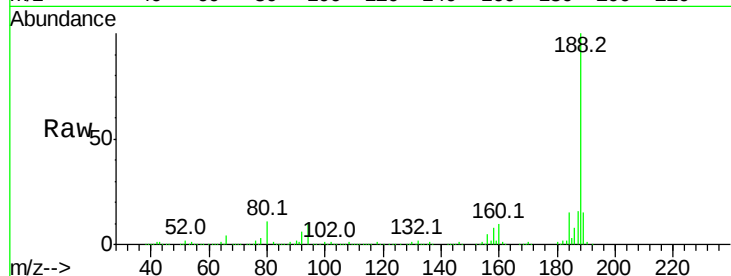




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

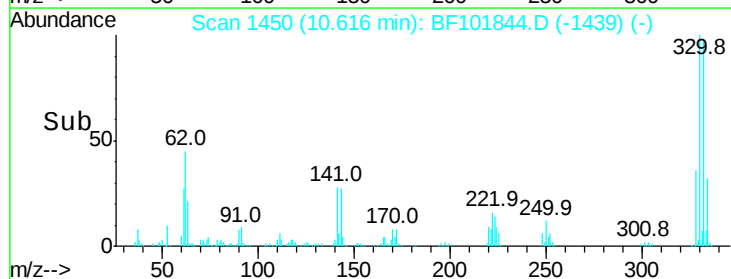
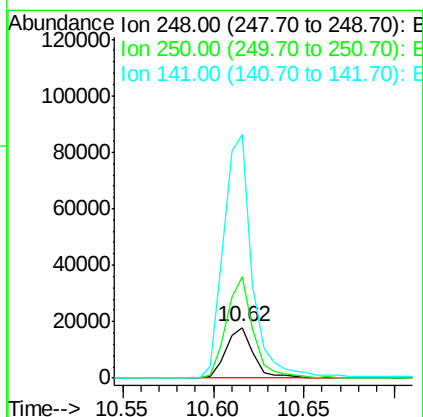
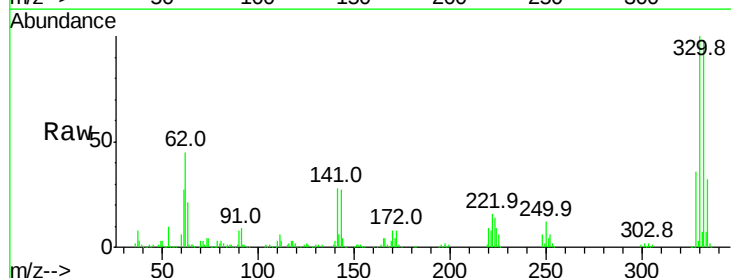
Instrument :
BNA_F
ClientSampleId :

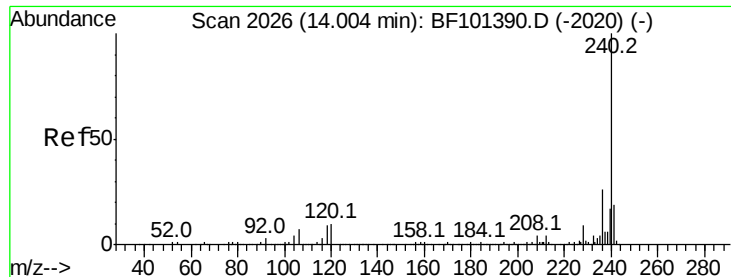
Tot Ion:188 Resp: 448425
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.736 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Tgt Ion:248 Resp: 18825
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 483.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Instrument :

BNA_F

ClientSampleId :

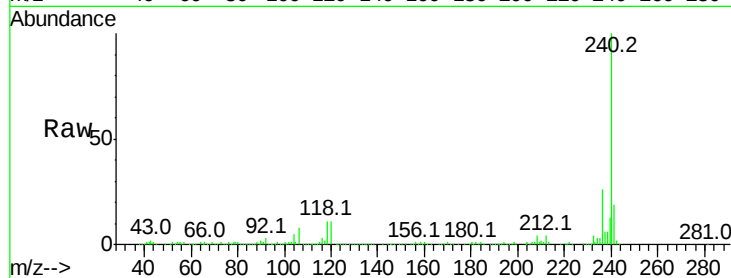
Tot Ion:240 Resp: 288474

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

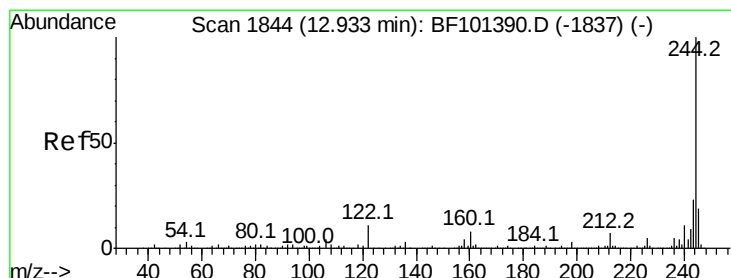
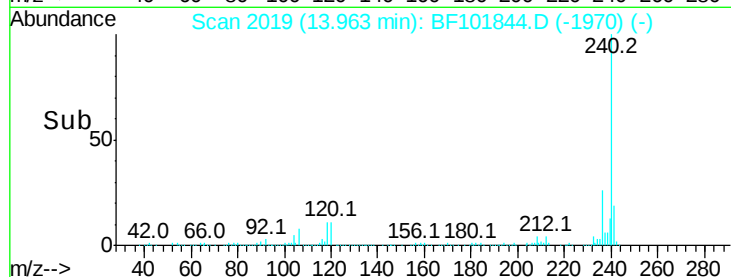
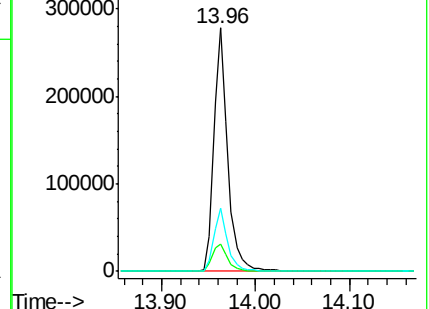
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 110.738 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

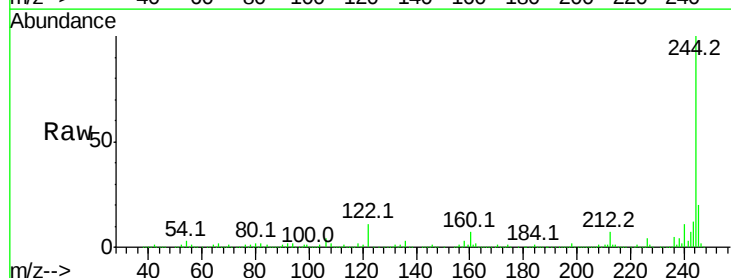
Tgt Ion:244 Resp: 1325101

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

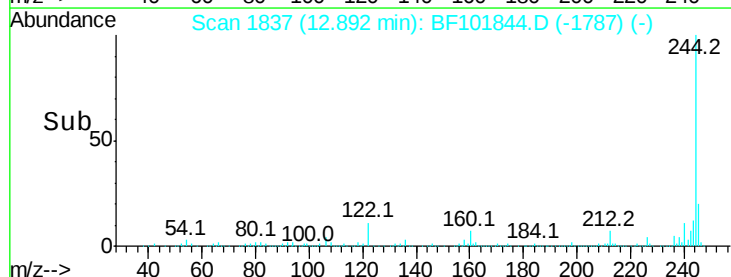
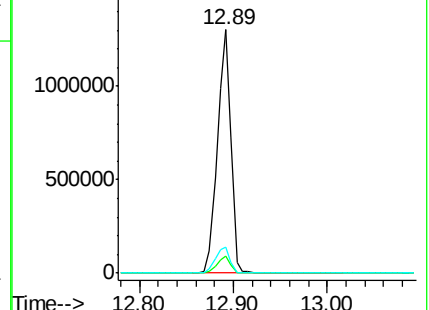
122 10.7 11.0 16.4#

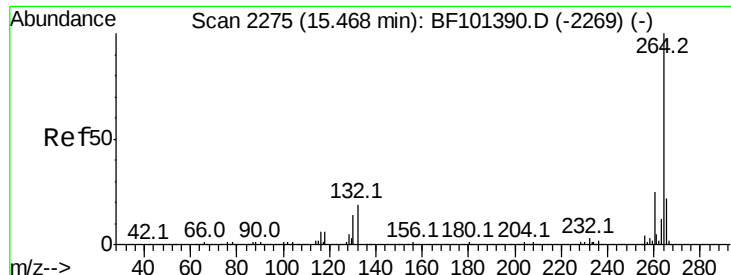


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

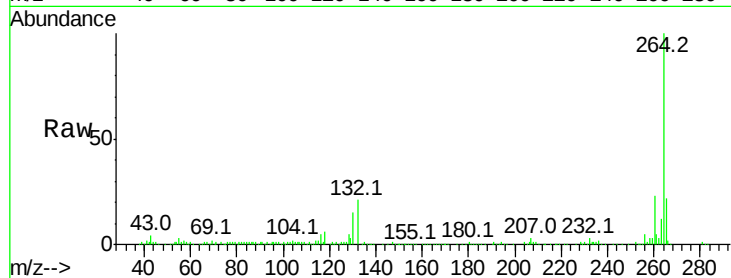




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 244315
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.8 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

