

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050118\
 Data File : BF104981.D
 Acq On : 1 May 2018 14:08
 Operator : JU/SJ
 Sample : J2616-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 16:16:36 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

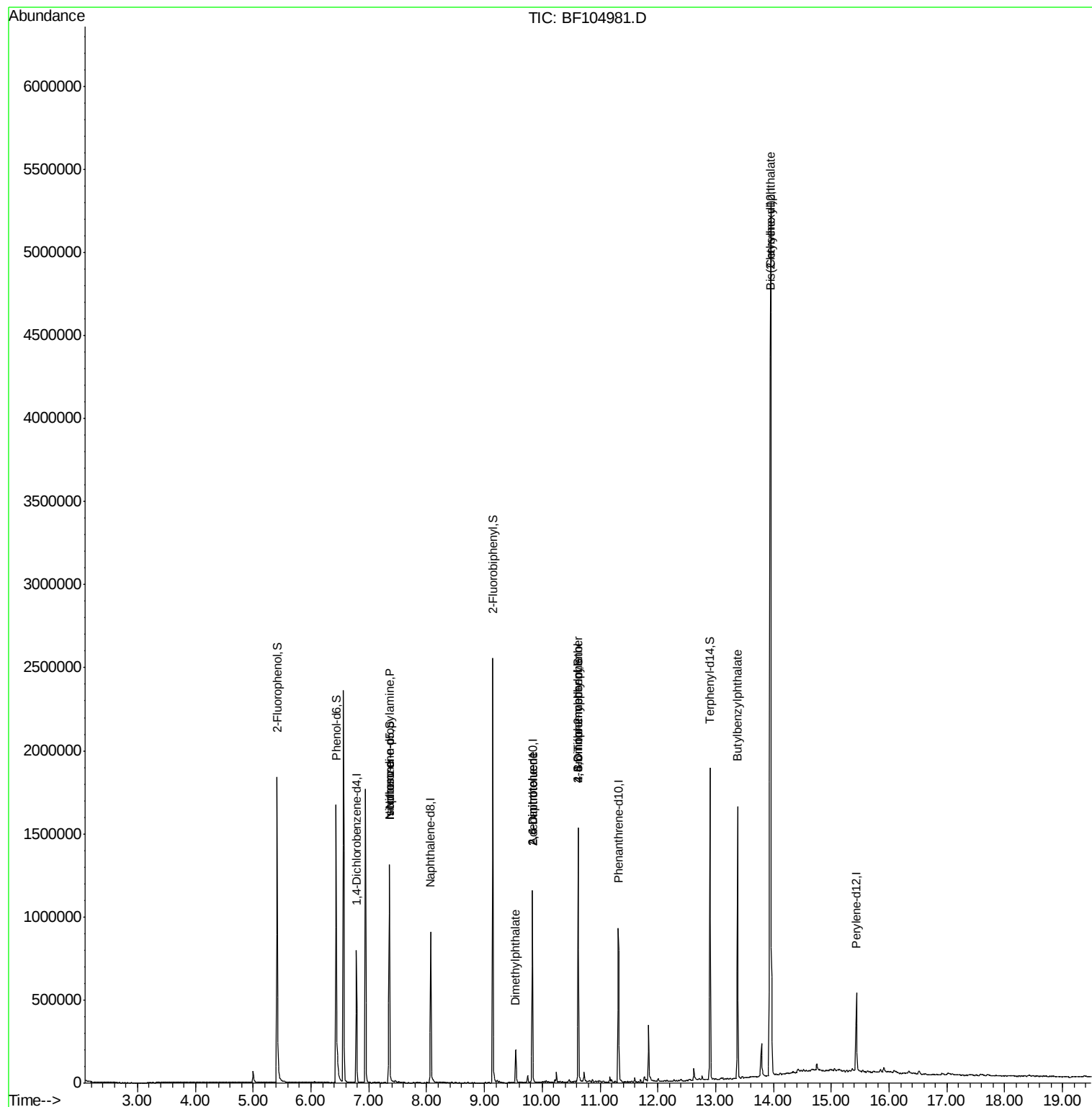
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111720	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	472818	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	217308	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	363936	20.00	ng	0.00
75) Chrysene-d12	13.96	240	199099	20.00	ng	-0.01
86) Perylene-d12	15.43	264	218560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	622072	85.14	ng	0.00
7) Phenol-d6	6.43	99	757415	84.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	454850	62.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	194480	86.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	816558	59.36	ng	0.00
78) Terphenyl-d14	12.90	244	633714	72.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1039	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.36	70	57499	9.802 ng	#	71
25) Isophorone	7.36	82	454845	29.705 ng	#	64
49) Dimethylphthalate	9.55	163	97396	5.684 ng		100
50) 2,6-Dinitrotoluene	9.83	165	27222	8.585 ng	#	25
56) 2,4-Dinitrotoluene	9.83	165	27222	6.545 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	270	7.476 ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	12235	3.161 ng	#	1
76) Benzidine	12.90	184	8113	Below Cal	#	92
79) Butylbenzylphthalate	13.38	149	415805	59.805 ng		95
83) Bis(2-ethylhexyl)phthalate	13.95	149	2731518	305.441 ng	#	100

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

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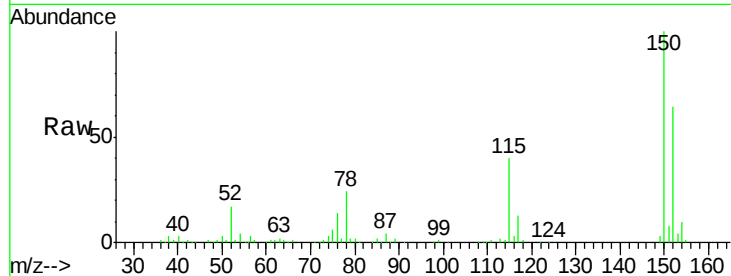


#1

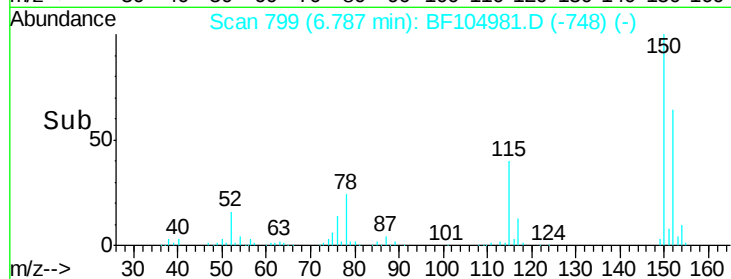
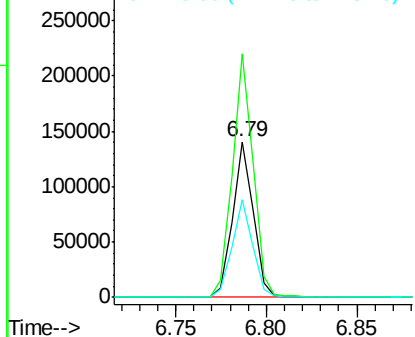
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111720
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 63.0 50.1 75.1



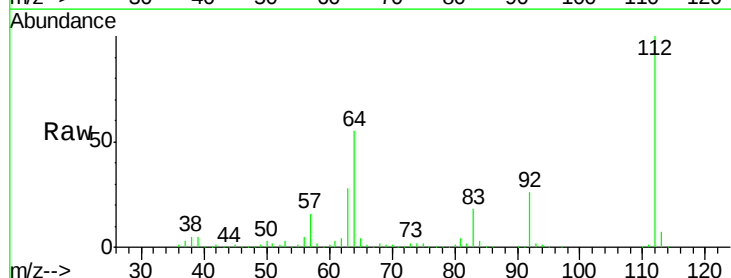
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



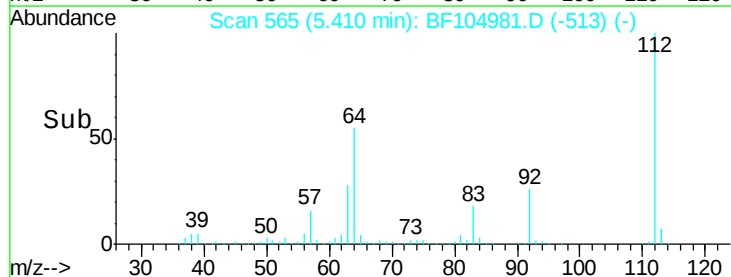
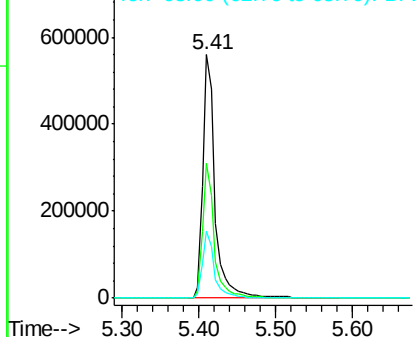
#5

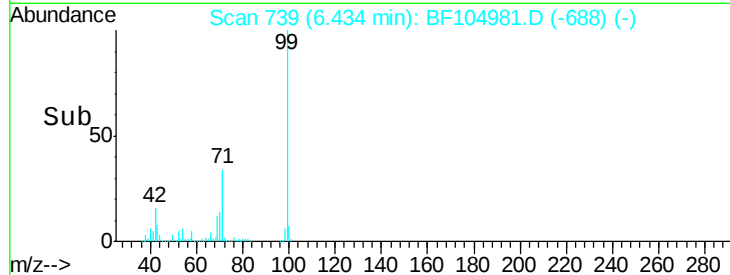
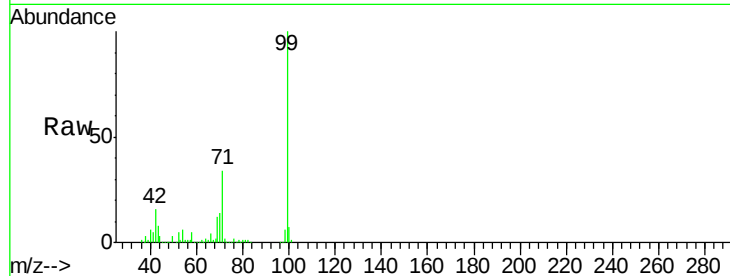
2-Fluorophenol
Concen: 85.140 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion:112 Resp: 622072
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 27.8 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: 84.370 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

Instrument :

BNA_F

ClientSampleId :

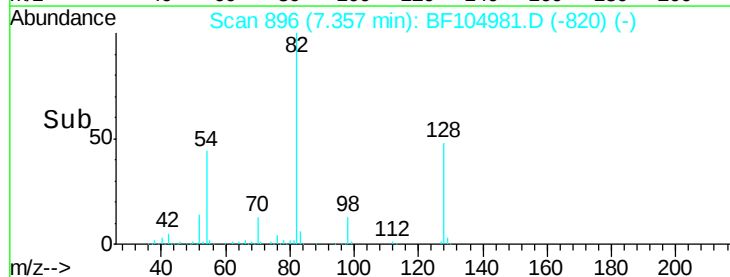
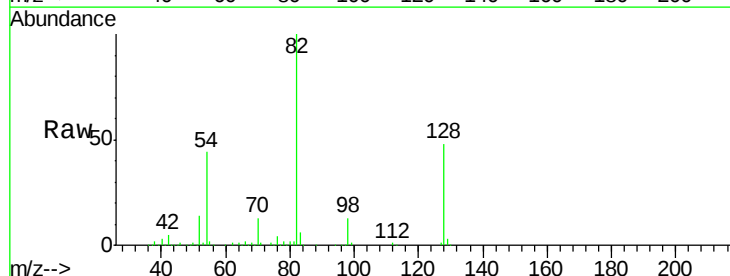
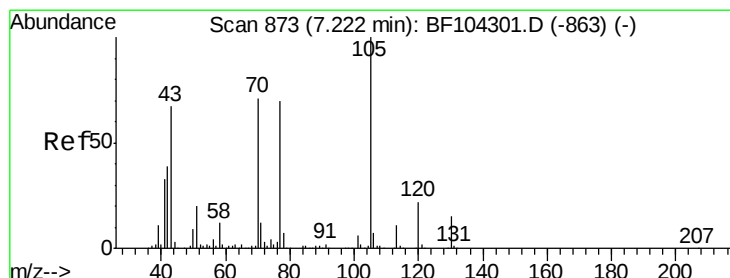
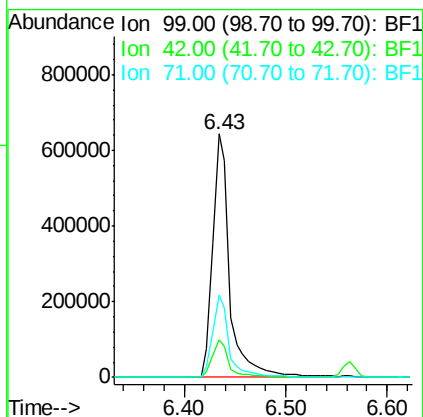
Tot Ion: 99 Resp: 757415

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.802 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

Tgt Ion: 70 Resp: 57499

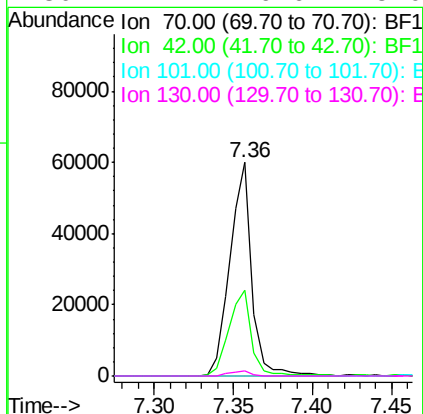
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

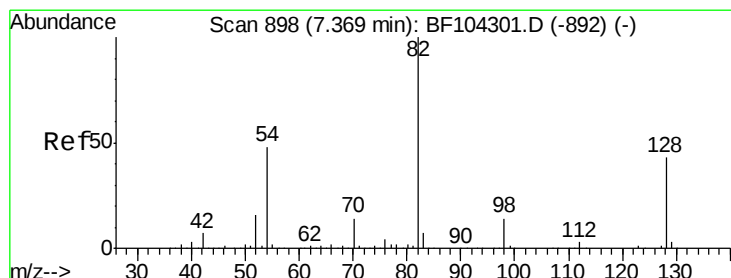
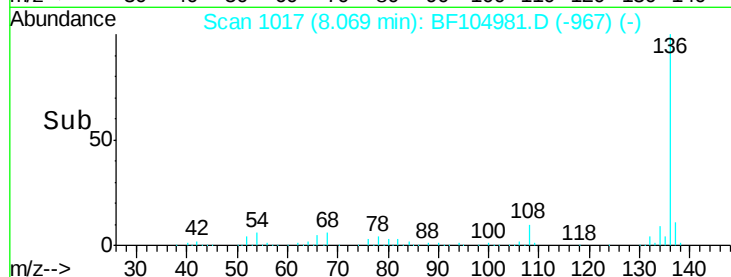
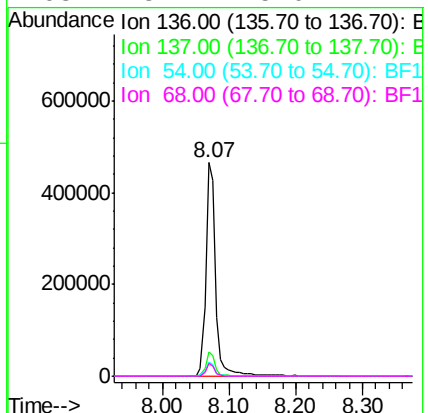
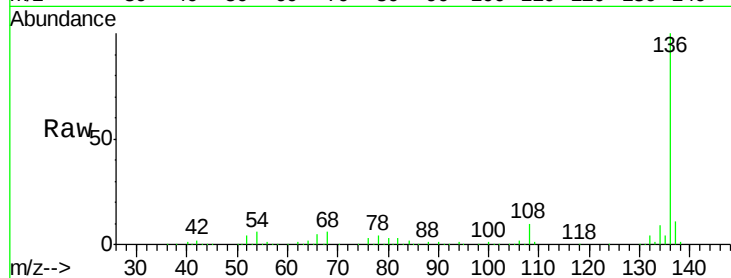




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

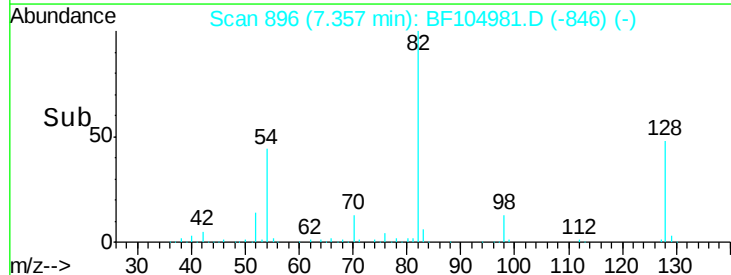
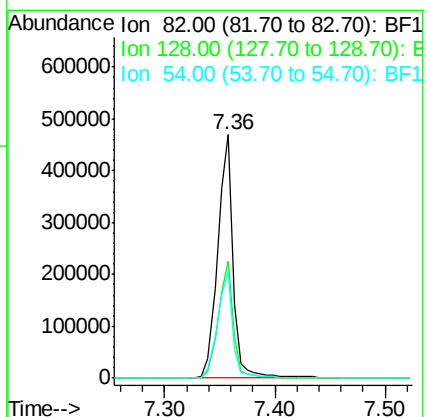
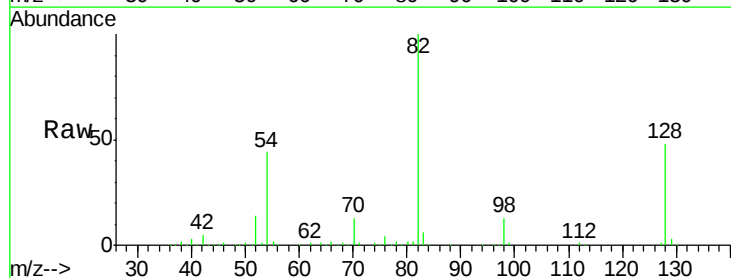
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	472818
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	6.5	6.6 9.8#
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 62.817 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion: 82	Resp:	454850
Ion Ratio	Lower	Upper
82	100	
128	48.1	36.1 54.1
54	43.6	41.4 62.2





#25

Isophorone

Concen: 29.705 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

Instrument :

BNA_F

ClientSampleId :

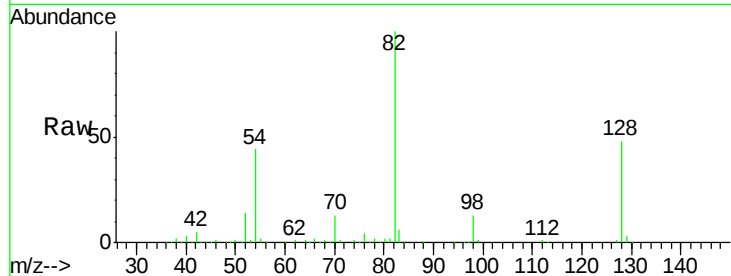
Tot Ion: 82 Resp: 454845

Ion Ratio Lower Upper

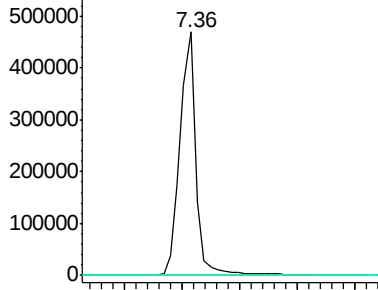
82 100

95 0.0 5.2 7.8#

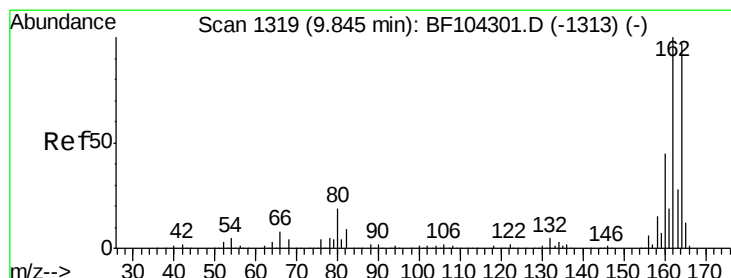
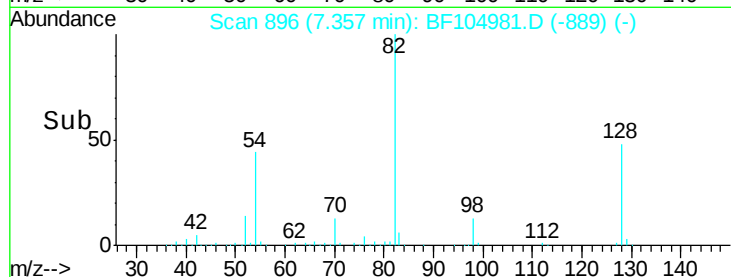
138 0.0 14.9 22.3#



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



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104981.D

Acq: 1 May 2018 14:08

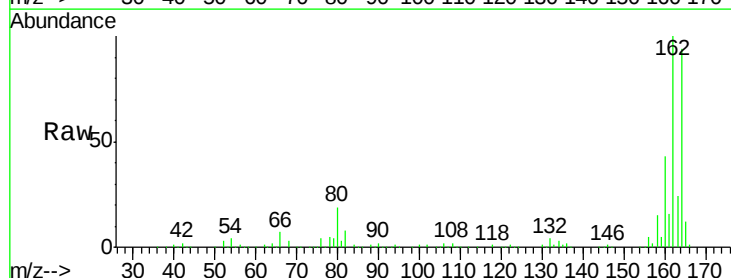
Tgt Ion: 164 Resp: 217308

Ion Ratio Lower Upper

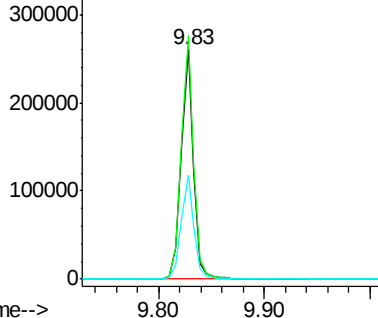
164 100

162 106.1 86.1 129.1

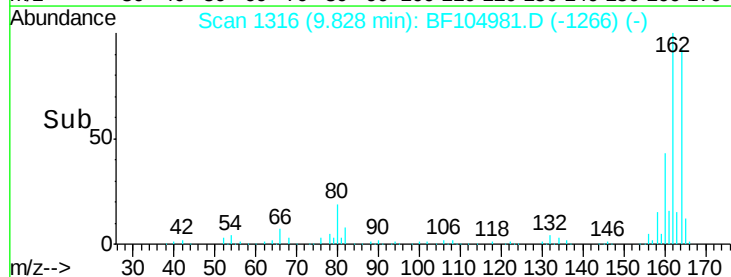
160 45.3 38.3 57.5



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



Time-->

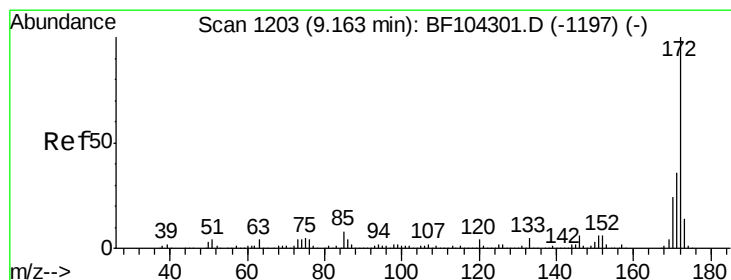
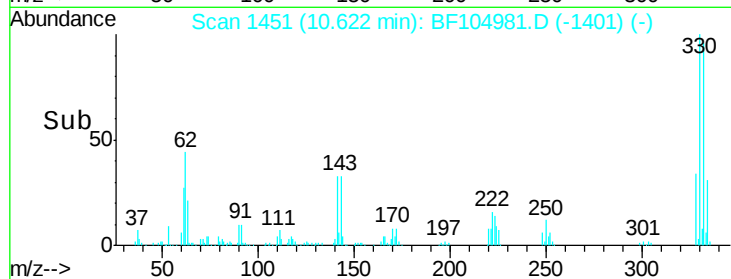
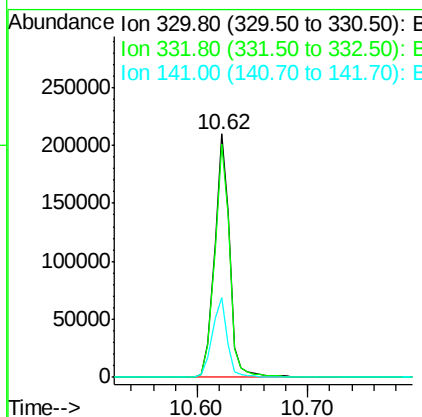
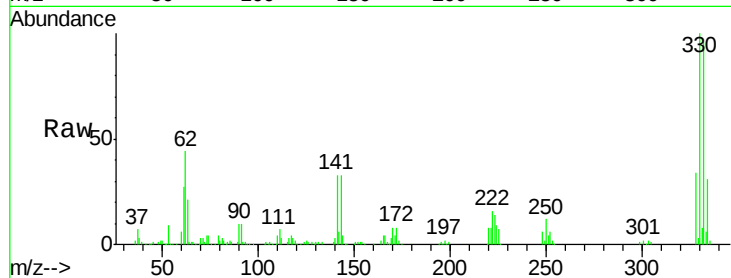




#41
 2,4,6-Tribromophenol
 Concen: 86.275 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

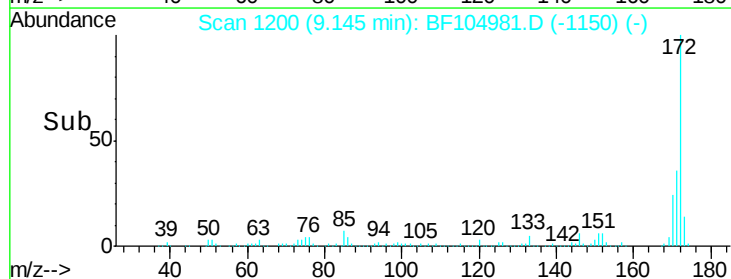
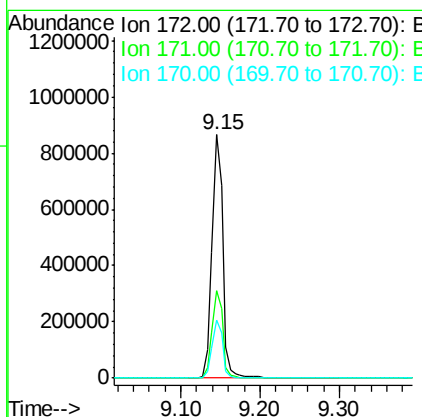
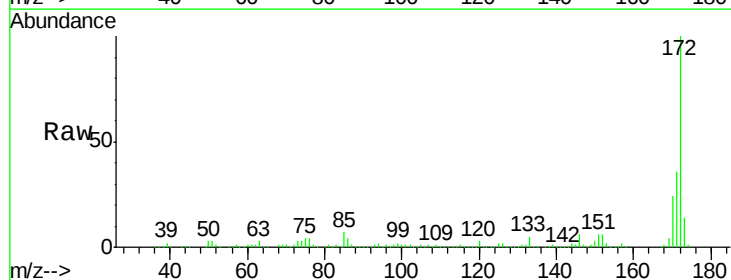
Instrument :
 BNA_F
 ClientSampleId :

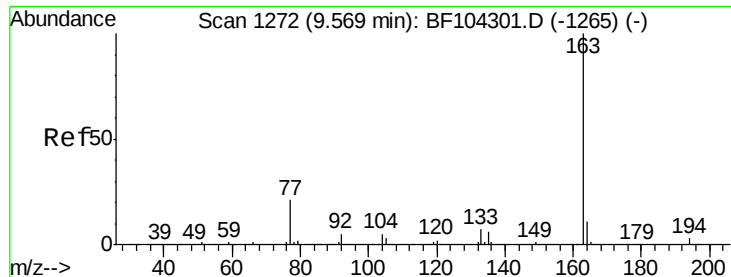
Tot Ion:330 Resp: 194480
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 59.361 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Tgt Ion:172 Resp: 816558
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4

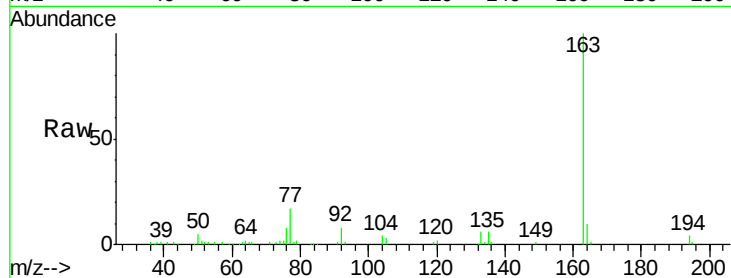




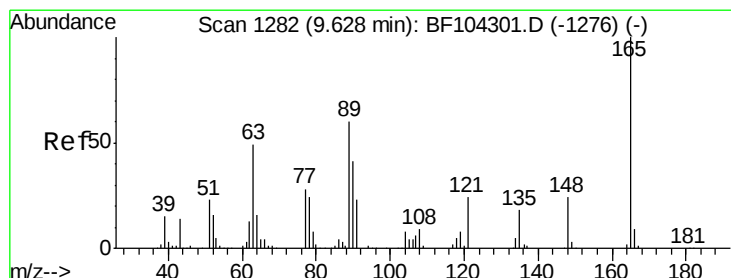
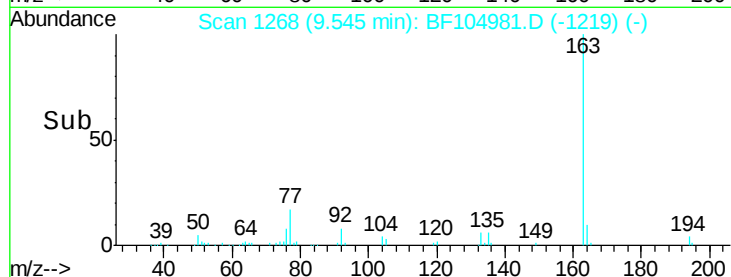
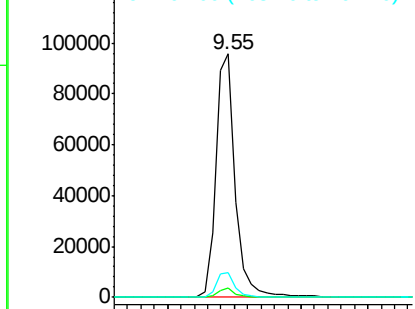
#49
Dimethylphthalate
Concen: 5.684 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 97396
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

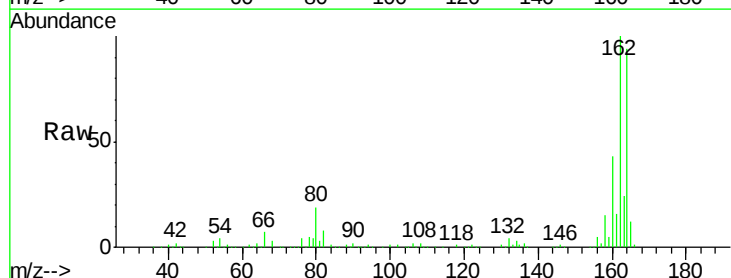


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

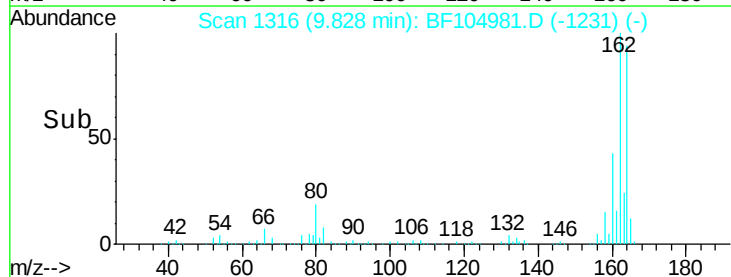
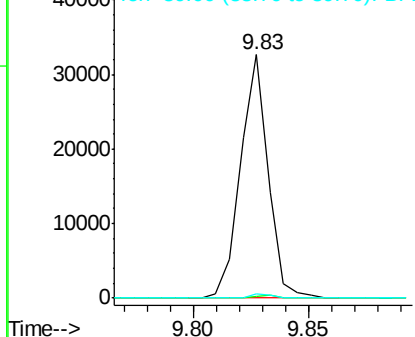


#50
2,6-Dinitrotoluene
Concen: 8.585 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion:165 Resp: 27222
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.7 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

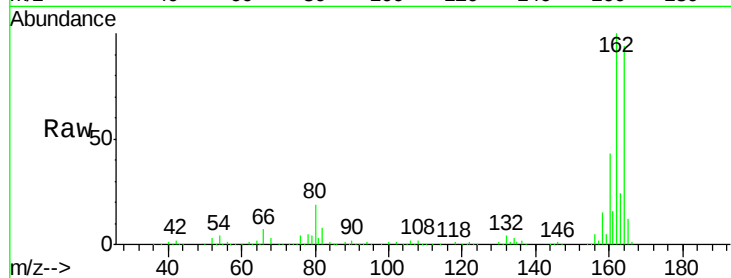




#56
 2,4-Dinitrotoluene
 Concen: 6.545 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

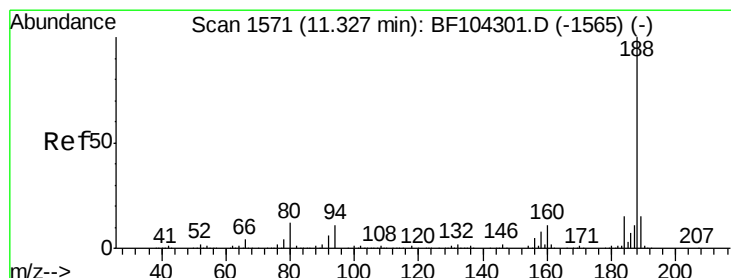
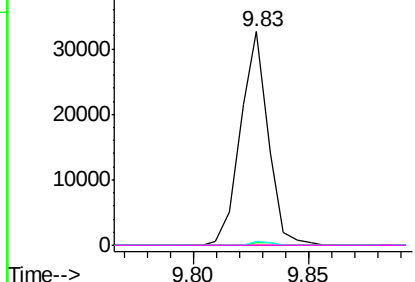
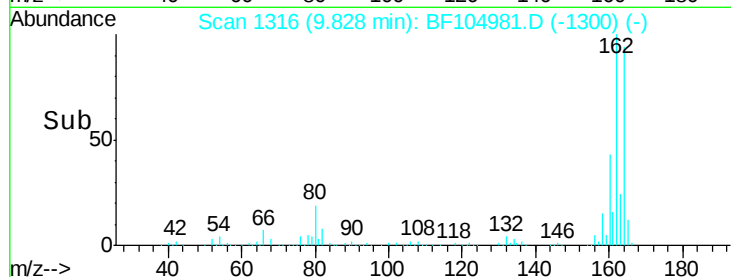


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

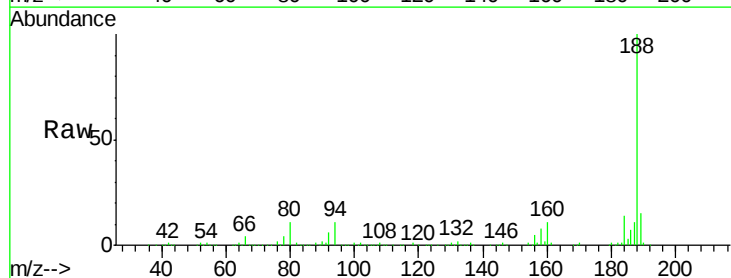
Ion 89.00 (88.70 to 89.70): BF1

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: BF104981.D
 Acq: 1 May 2018 14:08

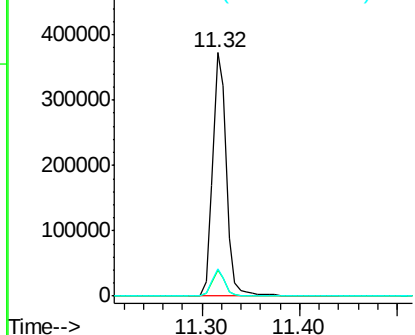
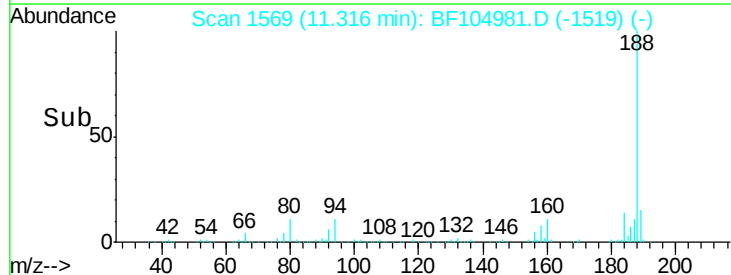
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

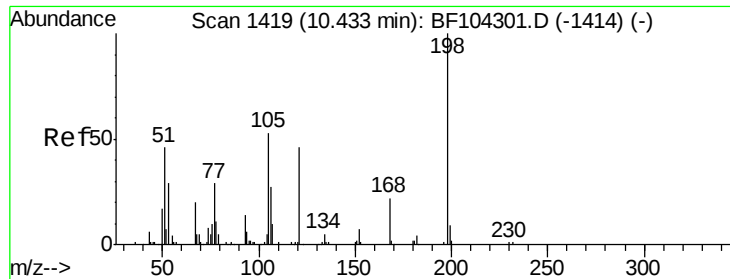


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

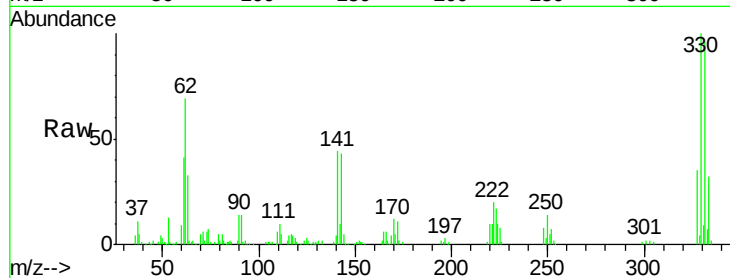




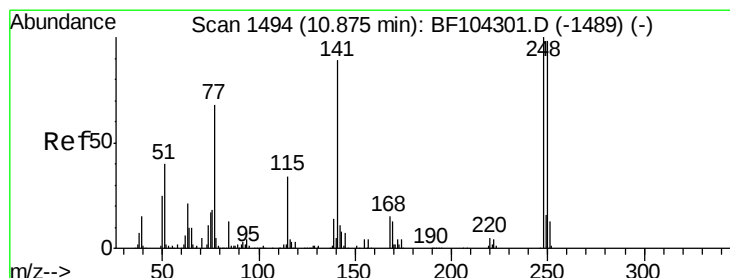
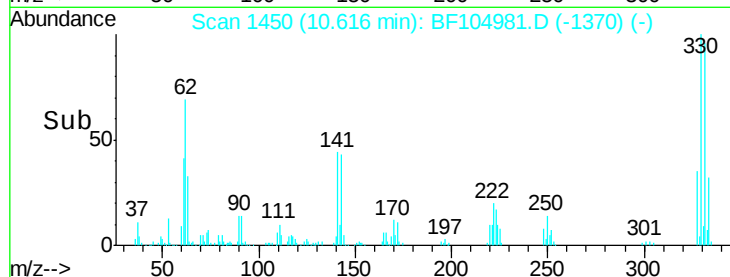
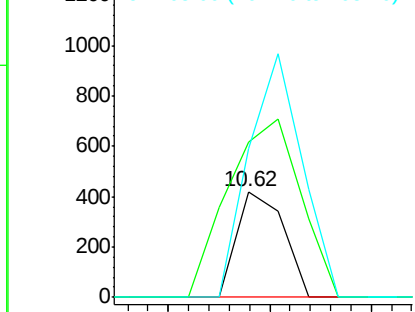
#64
4,6-Dinitro-2-methylphenol
Concen: 7.476 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.17 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 270
Ion Ratio Lower Upper
198 100
51 147.1 37.7 77.7#
105 141.2 36.3 76.3#

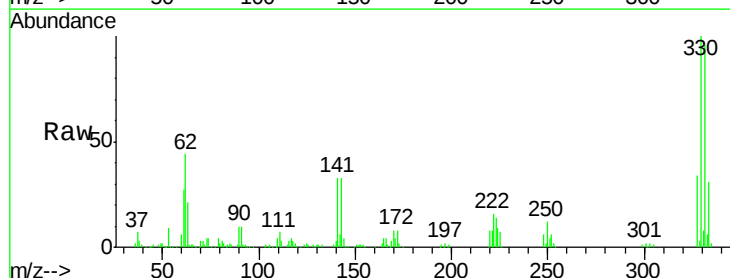


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

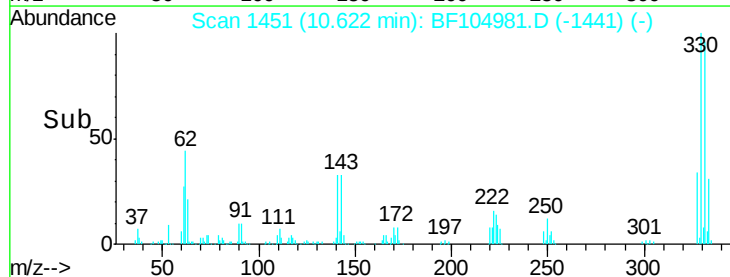
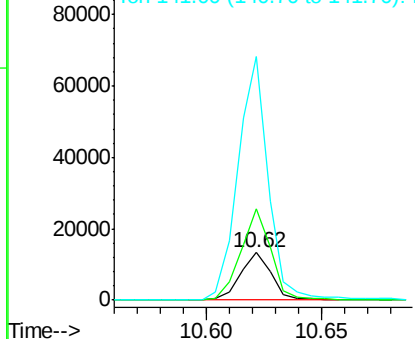


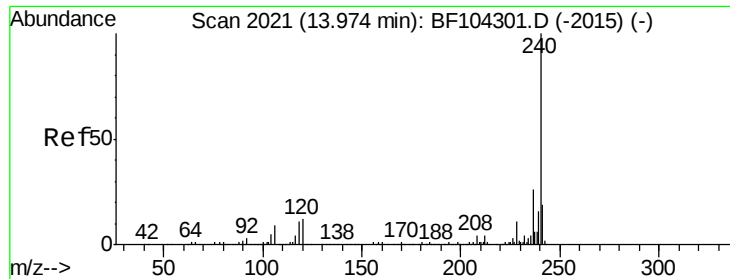
#66
4-Bromophenyl-phenylether
Concen: 3.161 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion:248 Resp: 12235
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 513.3 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

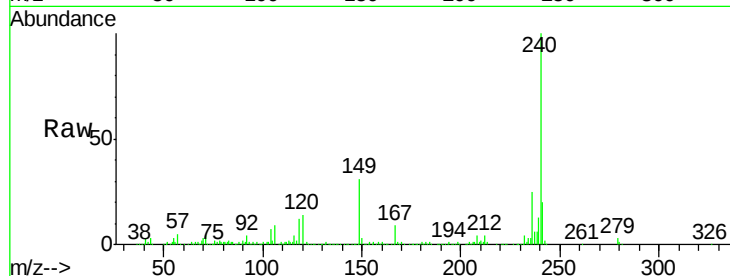




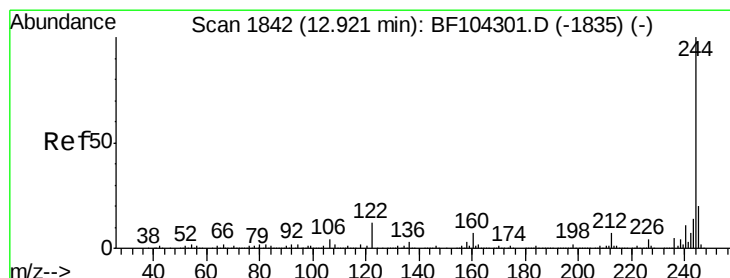
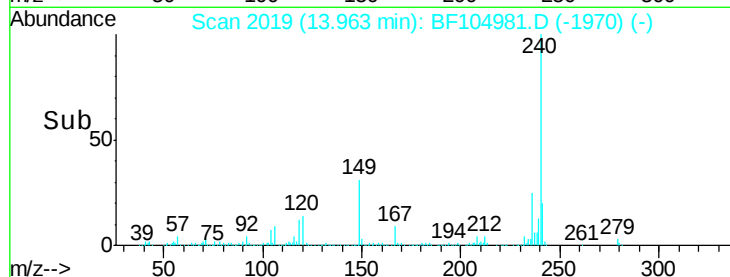
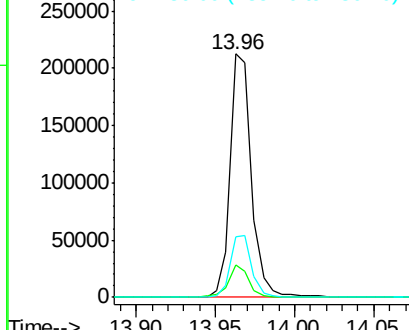
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 199099
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 24.7 20.7 31.1

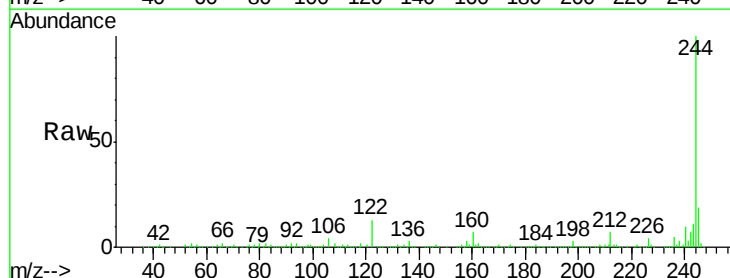


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

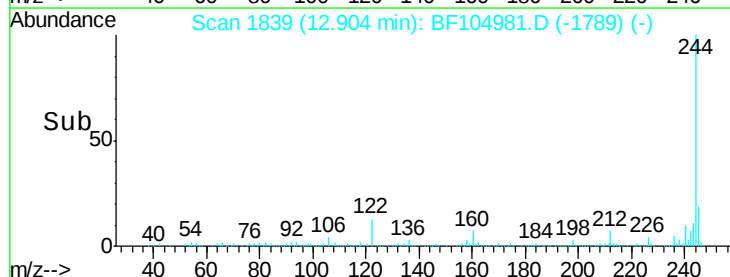
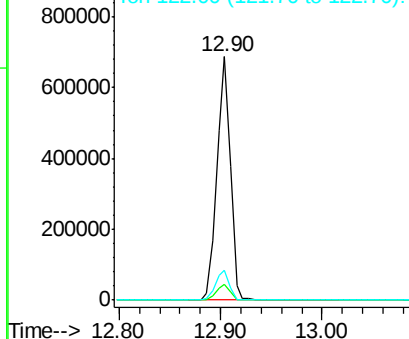


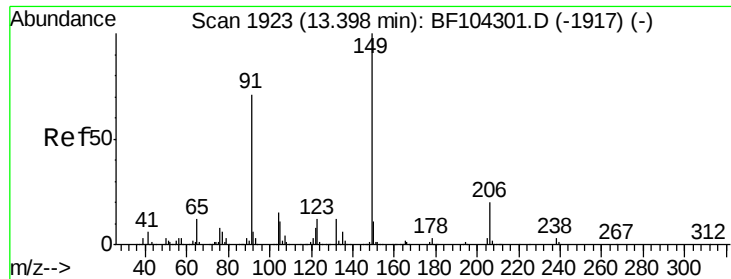
#78
 Terphenyl-d14
 Concen: 72.565 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104981.D
 Acq: 1 May 2018 14:08

Tgt Ion:244 Resp: 633714
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.5 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

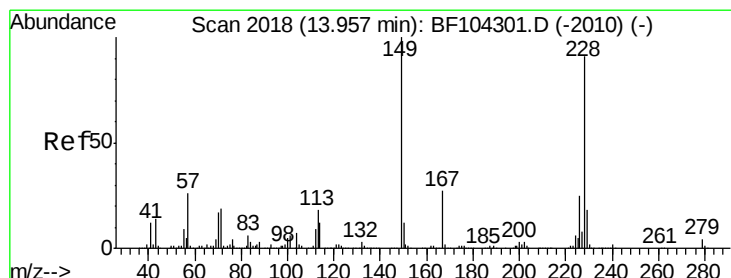
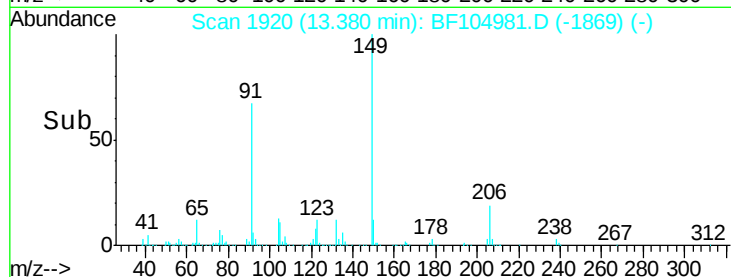
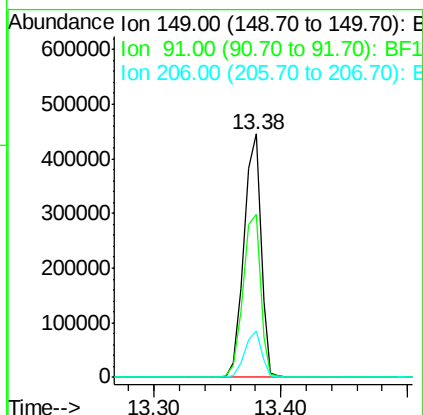
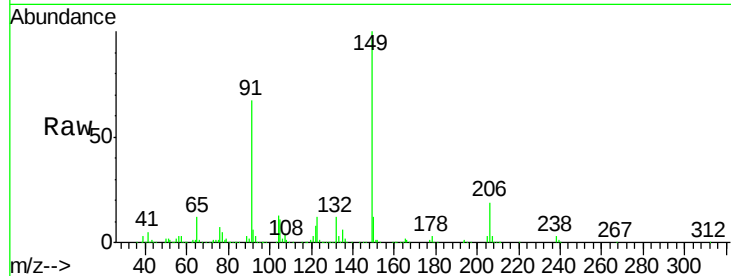




#79
Butylbenzylphthalate
Concen: 59.805 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

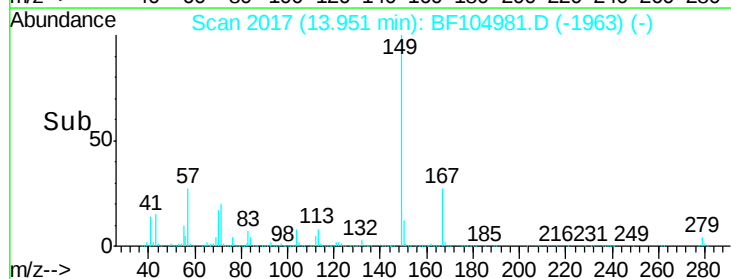
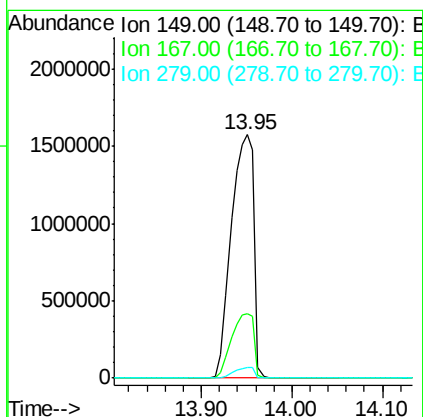
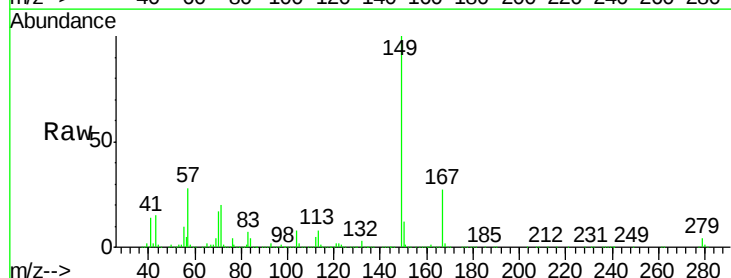
Instrument :
BNA_F
ClientSampleId :

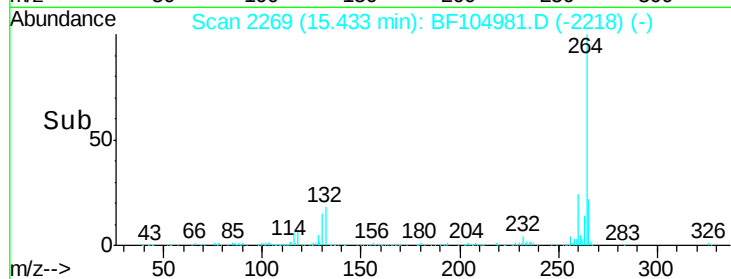
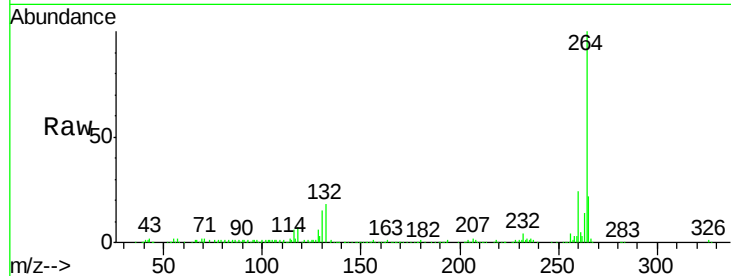
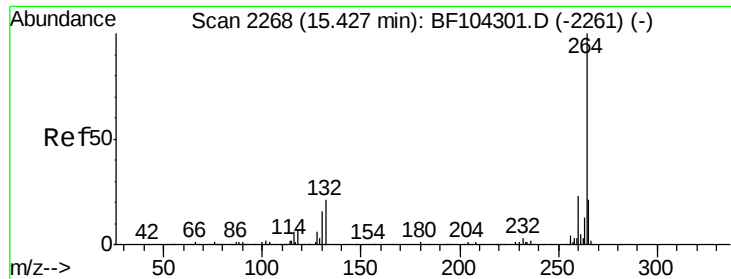
Tot Ion:149 Resp: 415805
Ion Ratio Lower Upper
149 100
91 67.0 56.8 85.2
206 19.0 14.1 21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 305.441 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Tgt Ion:149 Resp: 2731518
Ion Ratio Lower Upper
149 100
167 26.5 21.3 31.9
279 4.5 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF104981.D
Acq: 1 May 2018 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3

