

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108975.D
 Acq On : 13 Sep 2018 20:10
 Operator : JU/SJ
 Sample : J4875-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:57:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

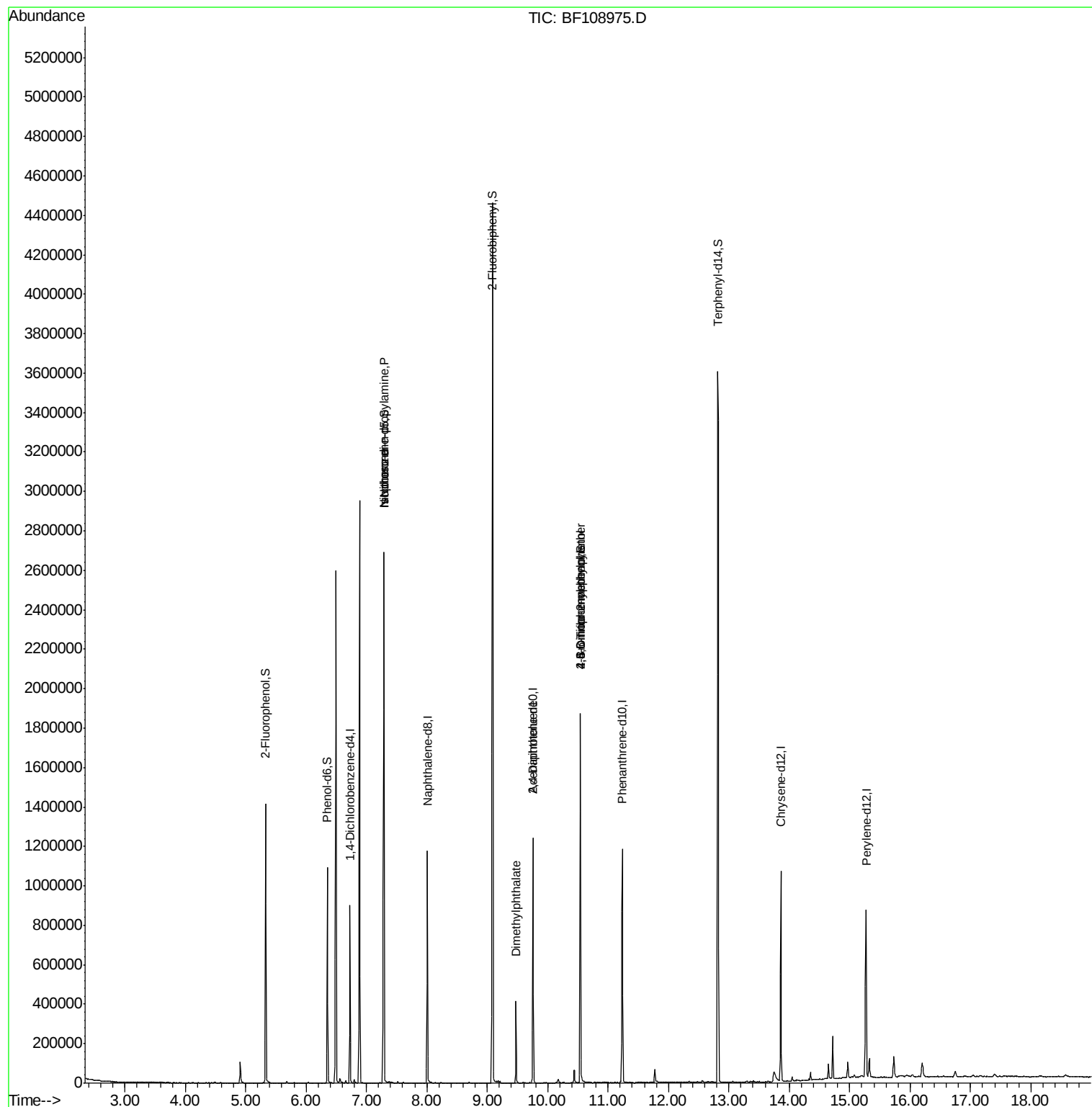
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	135159	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	501649	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	224966	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	400738	20.00	ng	0.00
75) Chrysene-d12	13.86	240	343096	20.00	ng	0.00
86) Perylene-d12	15.27	264	383008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	380637	46.66	ng	0.00
7) Phenol-d6	6.35	99	313311	29.85	ng	-0.01
23) Nitrobenzene-d5	7.29	82	861268	107.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	220422	102.63	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1417262	107.48	ng	0.00
78) Terphenyl-d14	12.82	244	1347498	91.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	116827	16.011	ng	# 77
25) Isophorone	7.29	82	858506	53.692	ng	# 64
49) Dimethylphthalate	9.48	163	147295	9.361	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	28256	7.369	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	371	7.070	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13624	3.010	ng	# 1

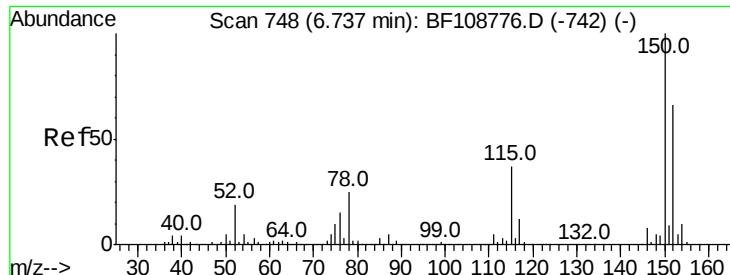
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
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Quant Time: Sep 14 01:57:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



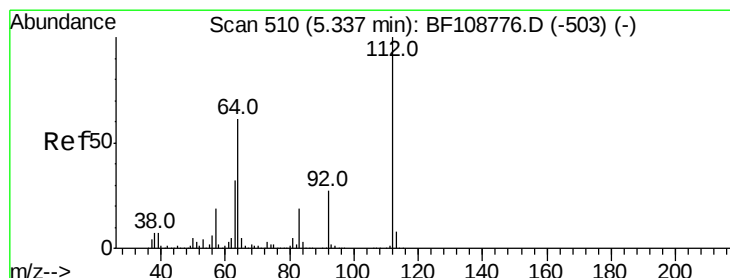
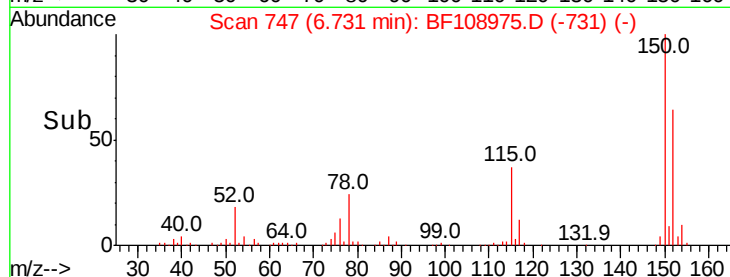
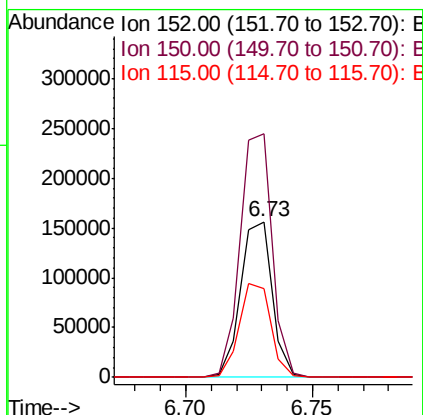
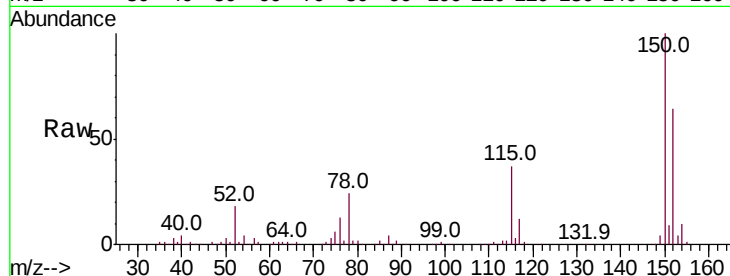


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108975.D
Acq: 13 Sep 2018 20:10

Instrument :
BNA_F
ClientSampleId :

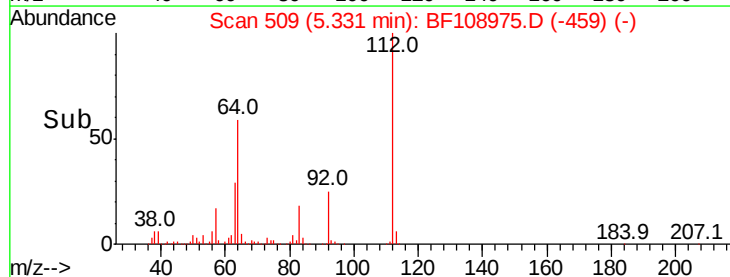
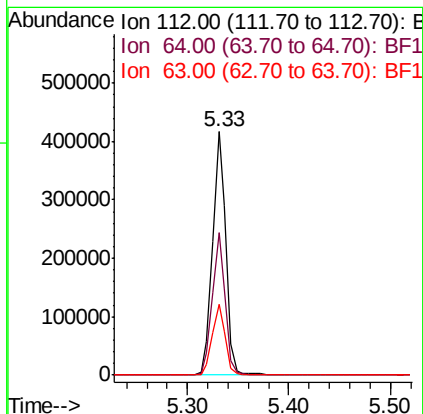
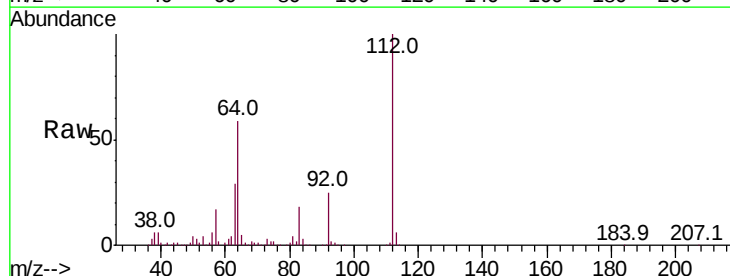
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.2	50.1	75.1

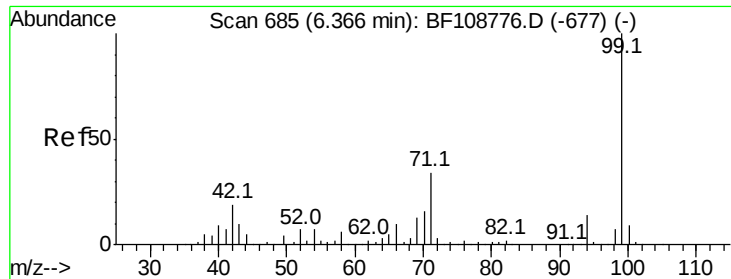


#5

2-Fluorophenol
Concen: 46.655 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108975.D
Acq: 13 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 29.847 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

Instrument :

BNA_F

ClientSampled :

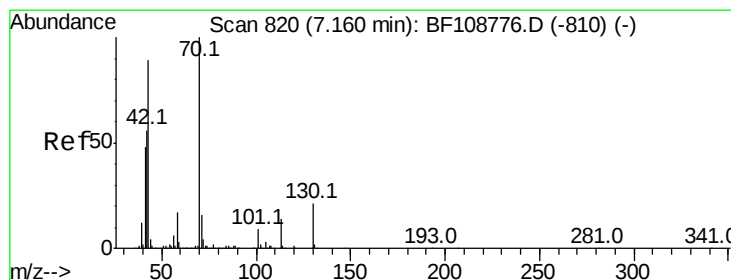
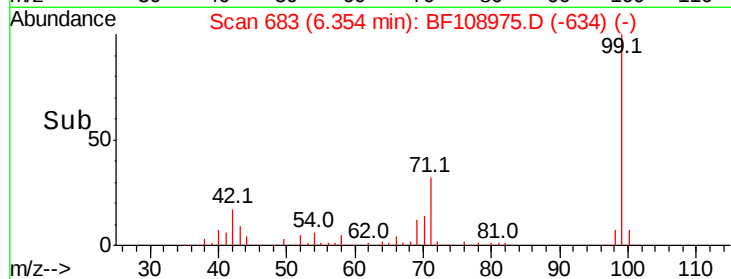
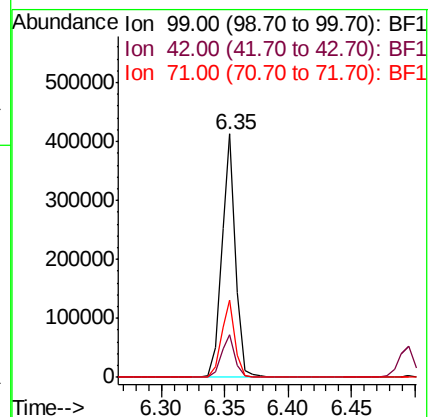
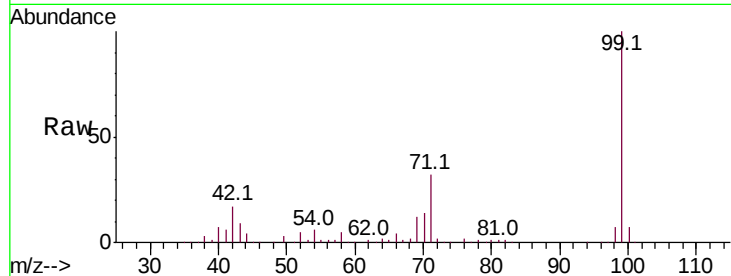
Tot Ion: 99 Resp: 313311

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.011 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

Tgt Ion: 70 Resp: 116827

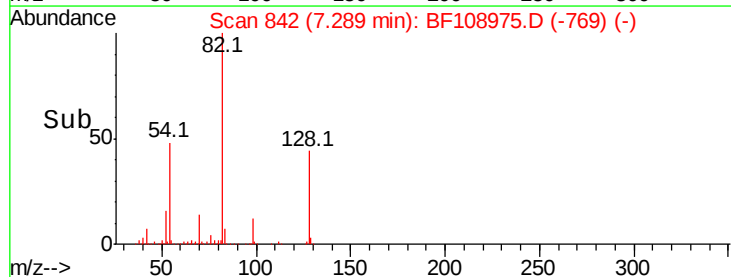
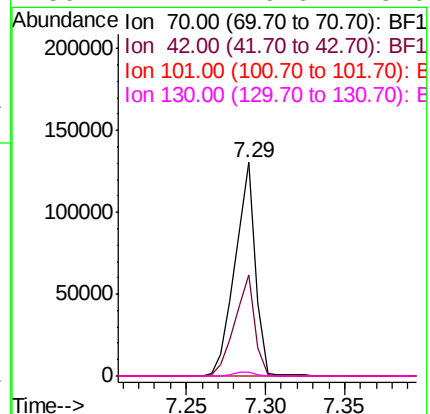
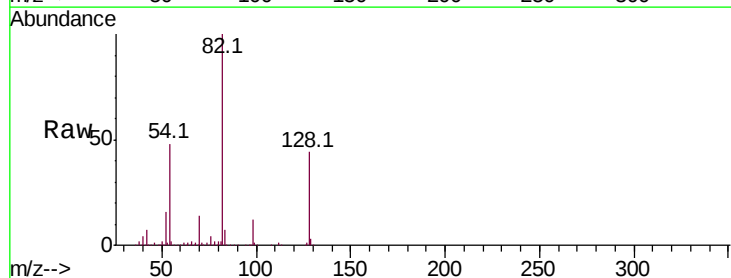
Ion Ratio Lower Upper

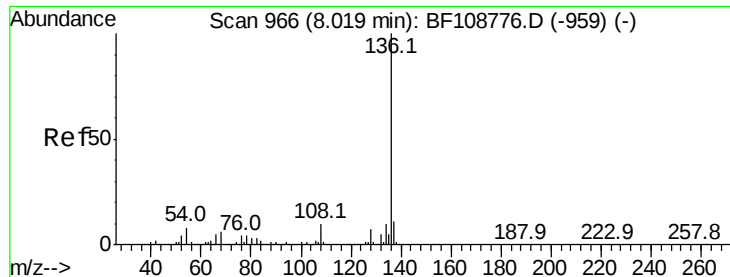
70 100

42 47.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

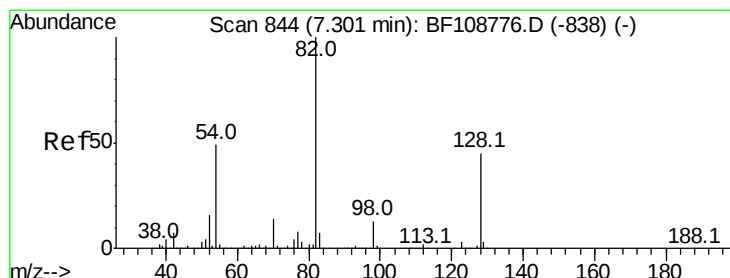
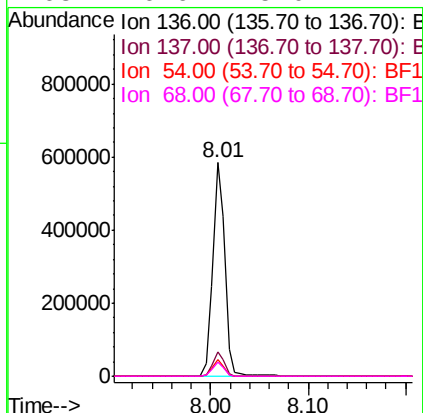
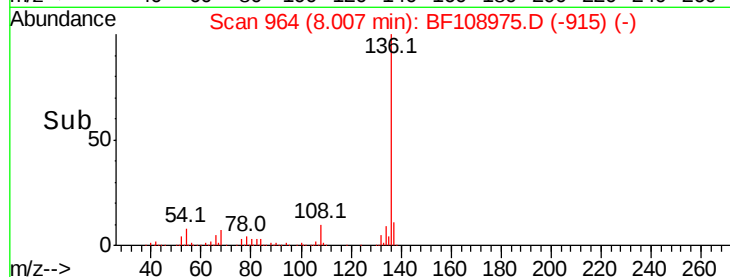
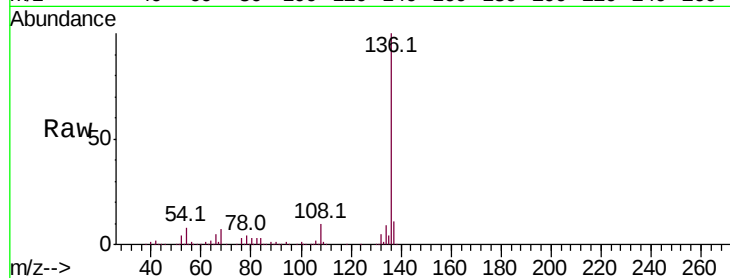




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108975.D
Acq: 13 Sep 2018 20:10

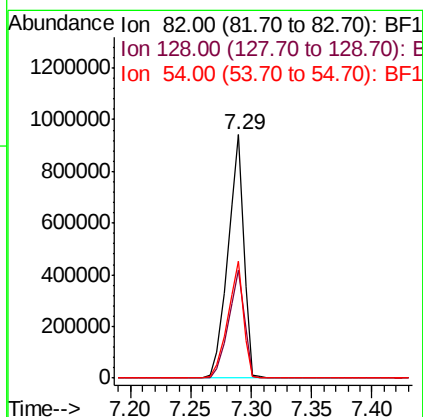
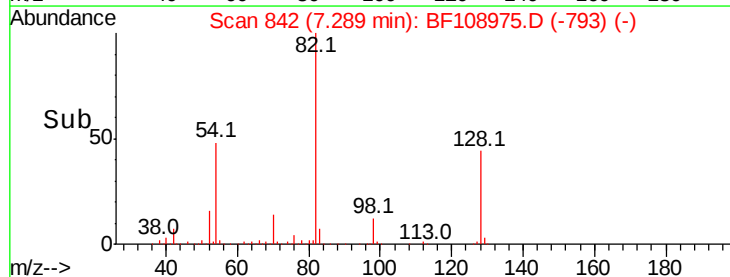
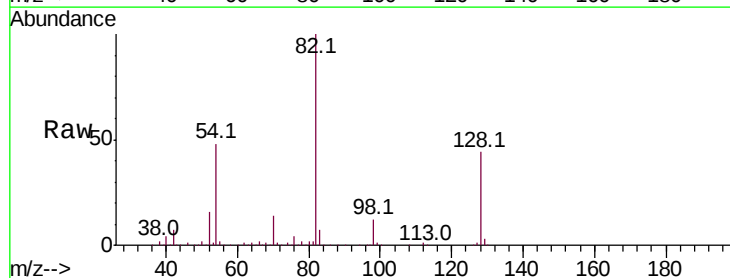
Instrument :
BNA_F
ClientSampleId :

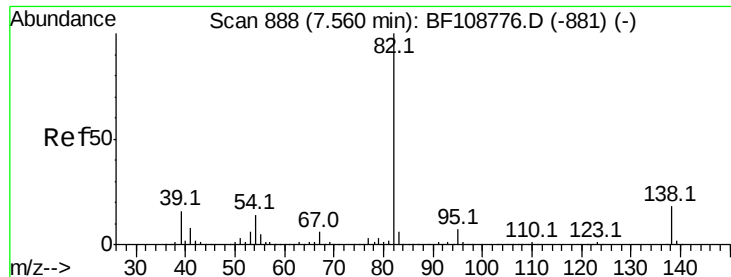
Tot Ion:136	Resp:	501649
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	7.5	6.6 9.8
68	6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 107.444 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108975.D
Acq: 13 Sep 2018 20:10

Tgt Ion: 82	Resp:	861268
Ion	Ratio	Lower Upper
82	100	
128	44.1	36.1 54.1
54	48.1	41.4 62.2





#25

Isophorone

Concen: 53.692 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

Instrument :

BNA_F

ClientSampleId :

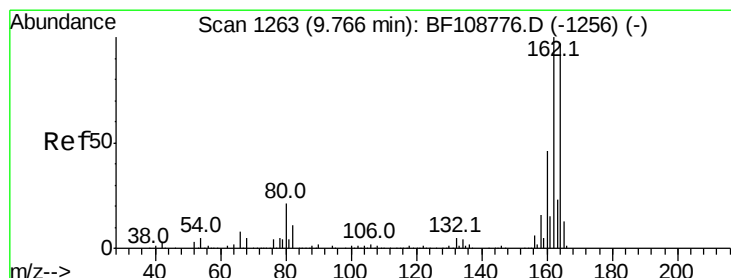
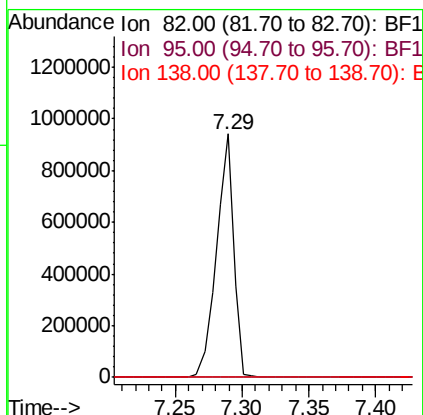
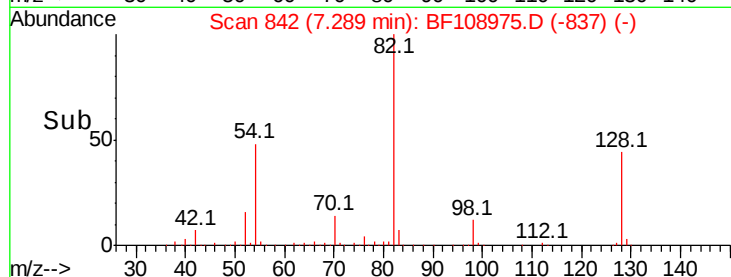
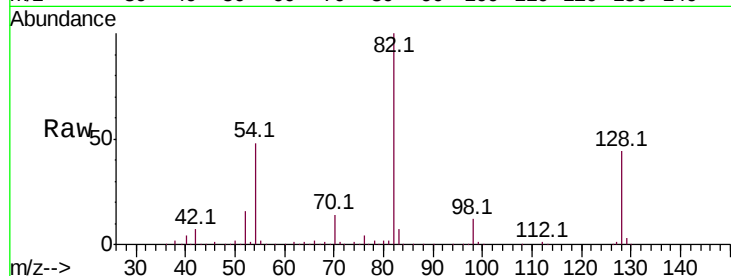
Tot Ion: 82 Resp: 858506

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

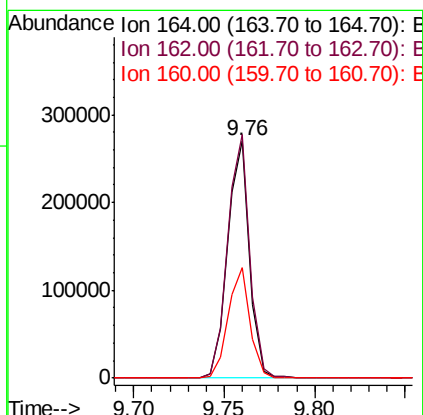
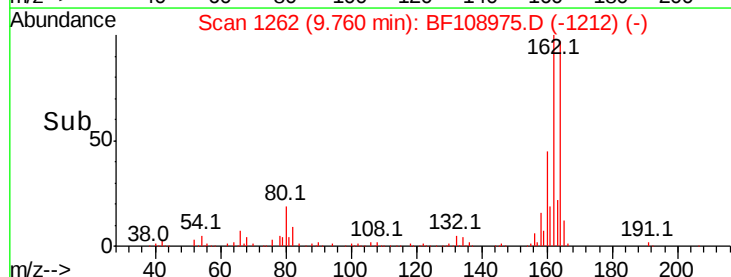
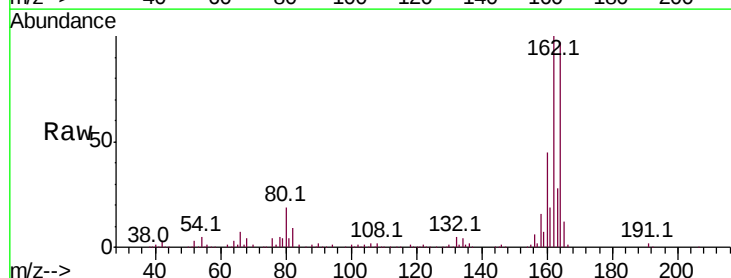
Tgt Ion:164 Resp: 224966

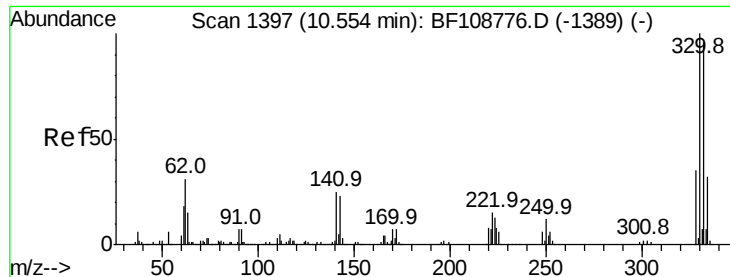
Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

160 46.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 102.635 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

Instrument :

BNA_F

ClientSampleId :

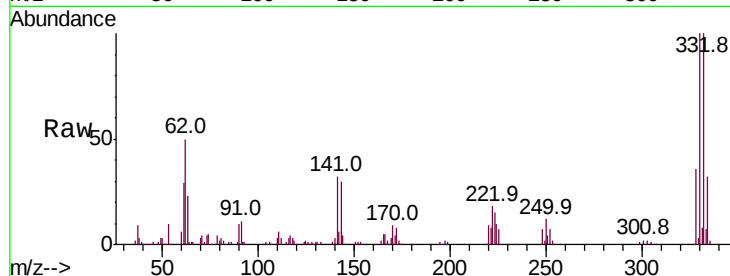
Tot Ion:330 Resp: 220422

Ion Ratio Lower Upper

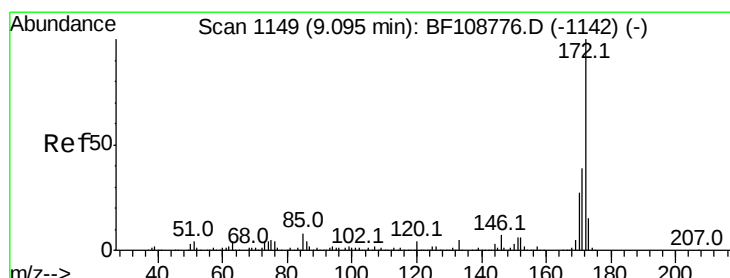
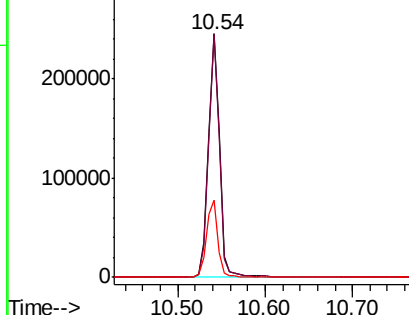
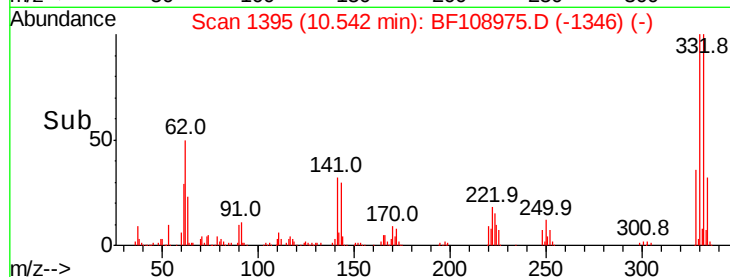
330 100

332 97.1 77.0 115.6

141 31.8 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: 107.475 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

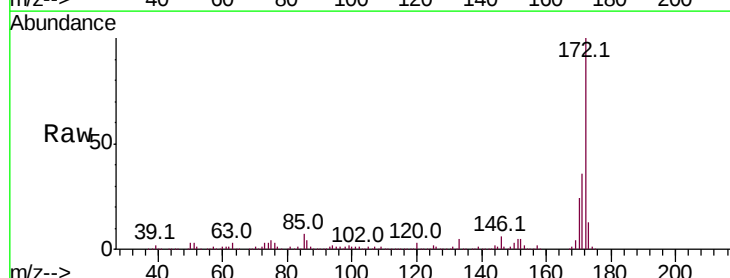
Tgt Ion:172 Resp: 1417262

Ion Ratio Lower Upper

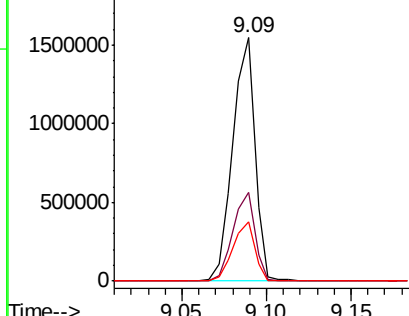
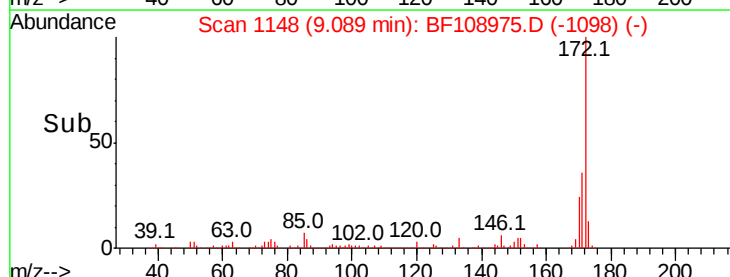
172 100

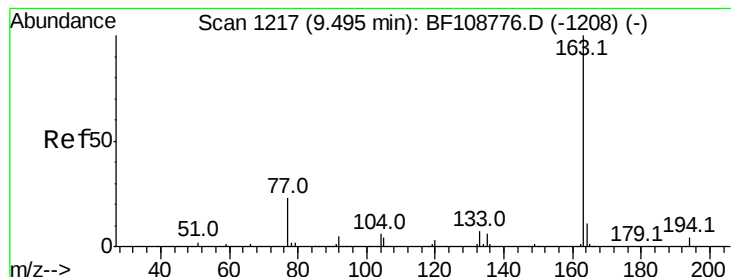
171 36.5 29.7 44.5

170 24.4 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: 9.361 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

Instrument :

BNA_F

ClientSampled :

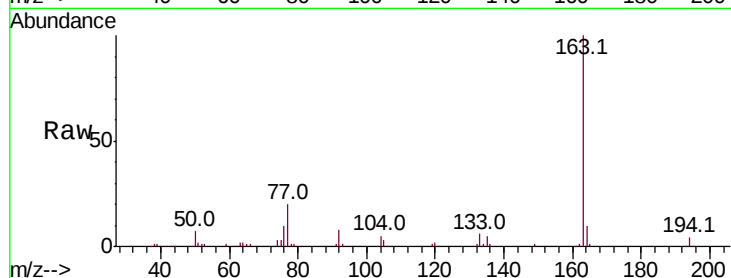
Tot Ion:163 Resp: 147295

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

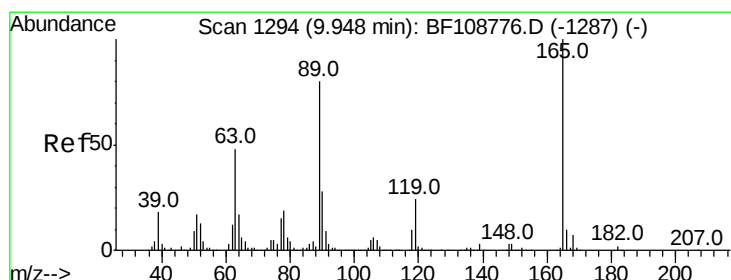
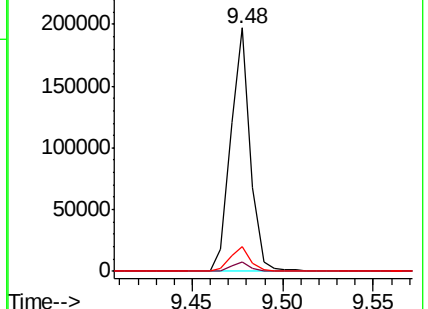
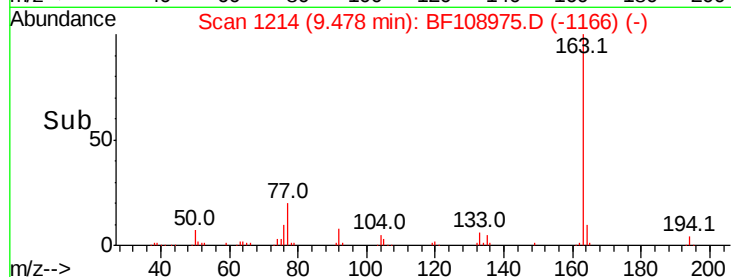
164 10.4 8.2 12.2



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: 7.369 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.19 min

Lab File: BF108975.D

Acq: 13 Sep 2018 20:10

Tgt Ion:165 Resp: 28256

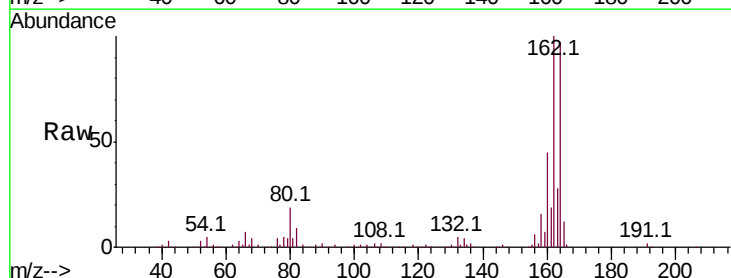
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

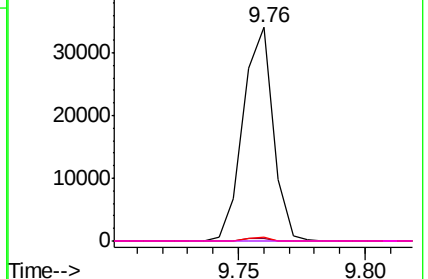
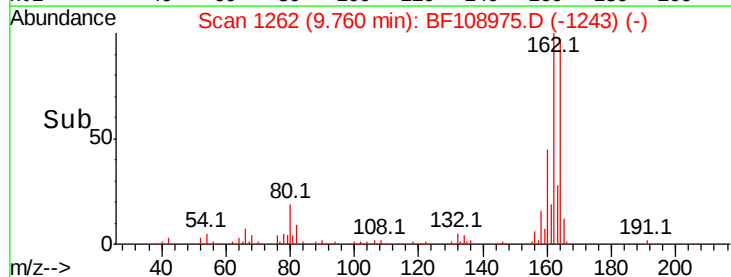


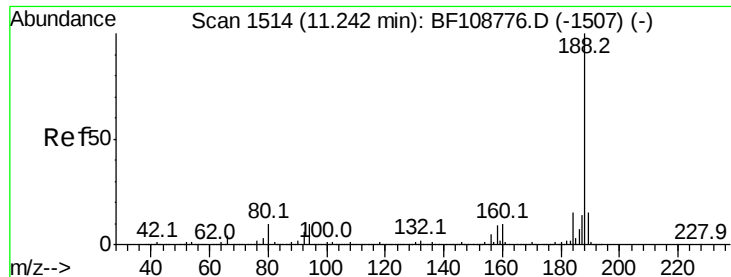
Abundance Ion 165.00 (164.70 to 165.70): E

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

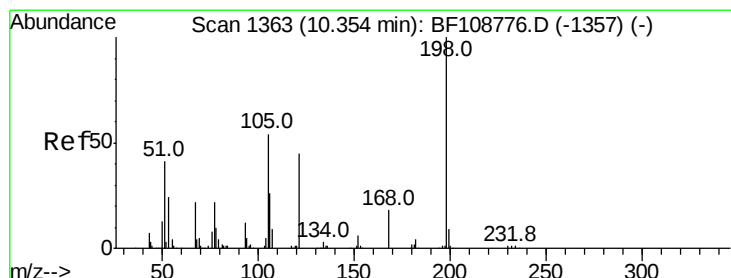
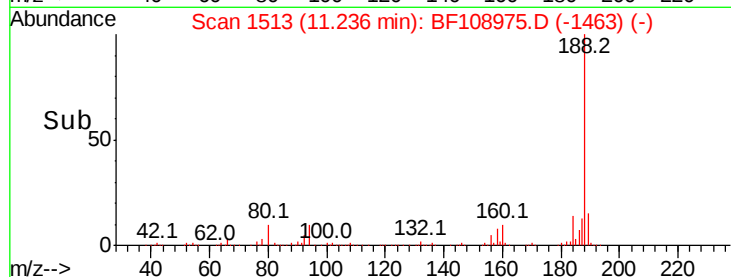
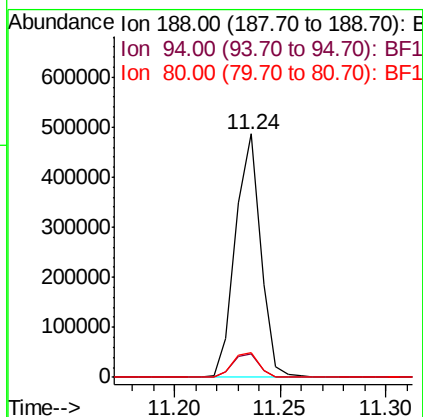
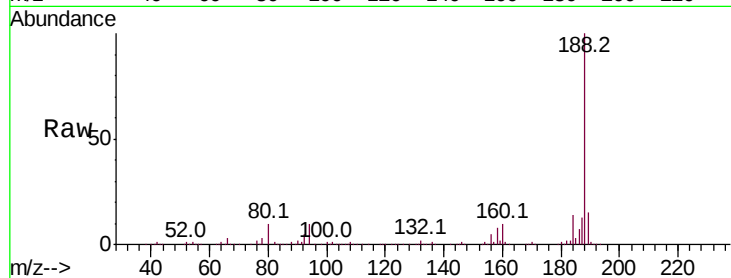




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108975.D
 Acq: 13 Sep 2018 20:10

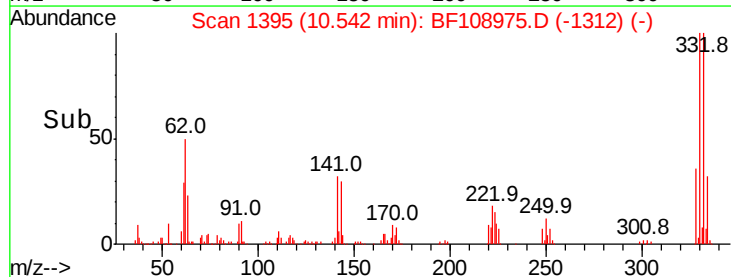
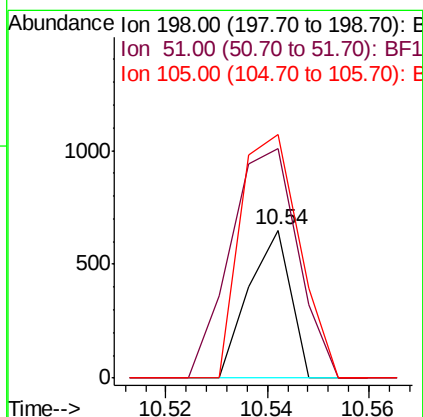
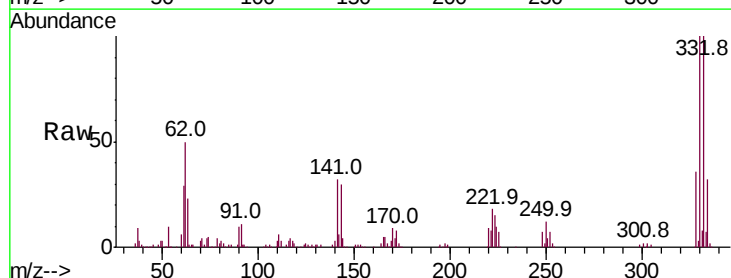
Instrument :
 BNA_F
 ClientSampleId :

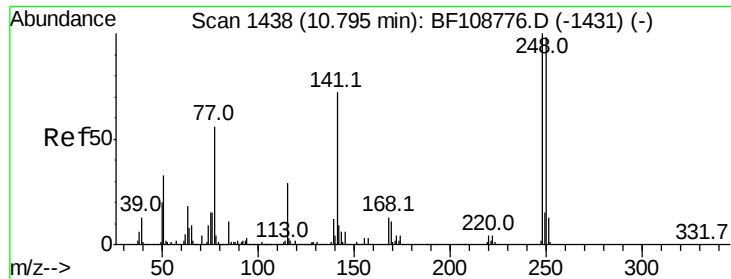
Tot Ion:188 Resp: 400738
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.070 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.19 min
 Lab File: BF108975.D
 Acq: 13 Sep 2018 20:10

Tgt Ion:198 Resp: 371
 Ion Ratio Lower Upper
 198 100
 51 155.5 37.7 77.7#
 105 164.6 36.3 76.3#

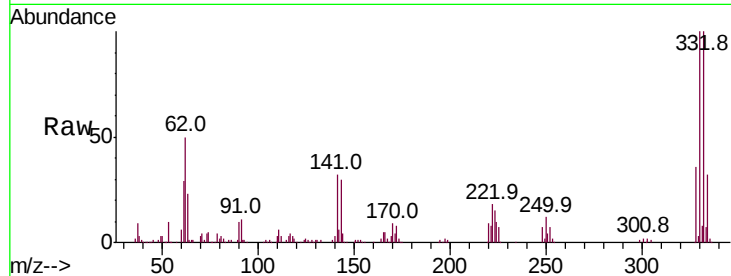




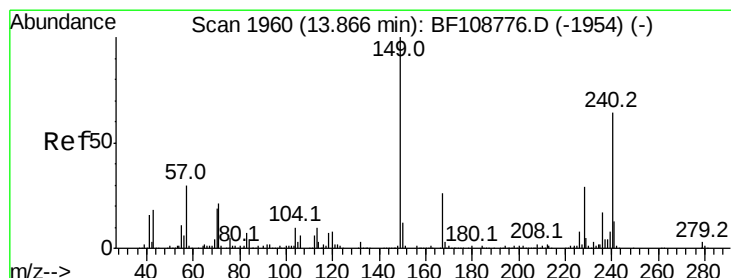
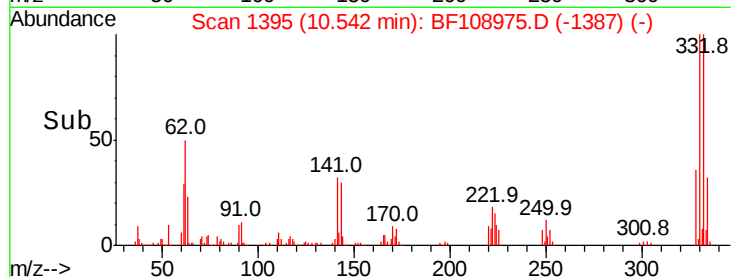
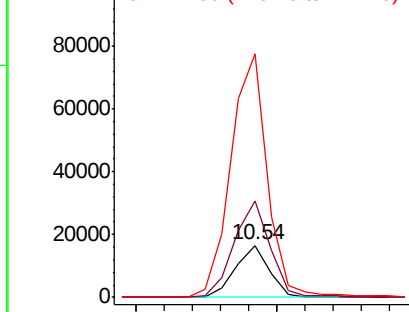
#66
 4-Bromophenyl-phenylether
 Concen: 3.010 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.25 min
 Lab File: BF108975.D
 Acq: 13 Sep 2018 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13624
 Ion Ratio Lower Upper
 248 100
 250 185.1 76.9 115.3#
 141 469.5 74.4 111.6#

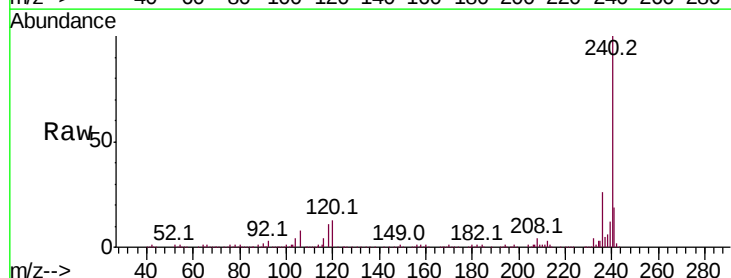


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

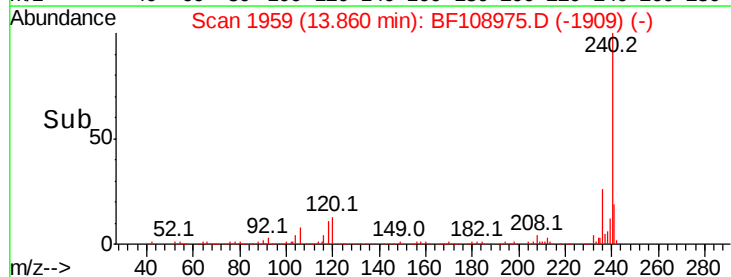
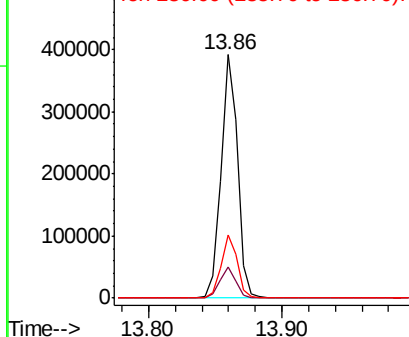


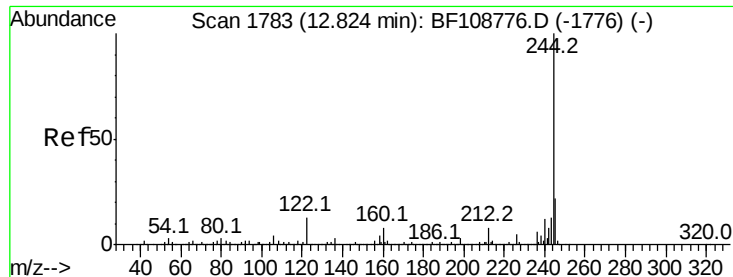
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BF108975.D
 Acq: 13 Sep 2018 20:10

Tgt Ion:240 Resp: 343096
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.9 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



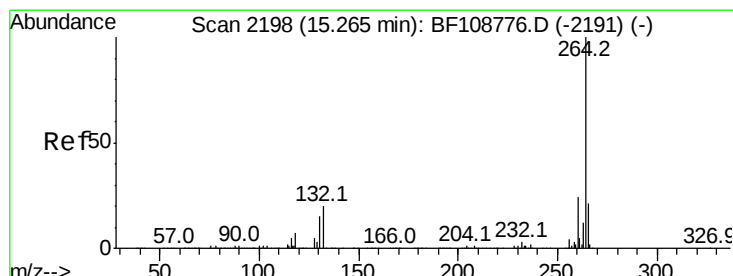
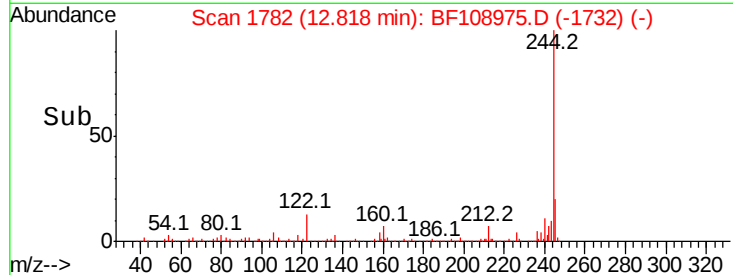
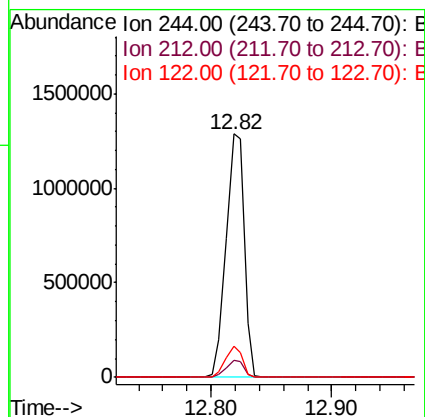
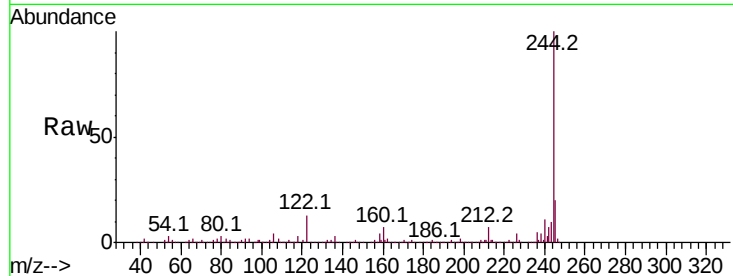


#78
 Terphenyl-d14
 Concen: 91.585 ng
 RT: 12.82 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF108975.D
 Acq: 13 Sep 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1347498

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108975.D
 Acq: 13 Sep 2018 20:10

Tgt Ion:264 Resp: 383008

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

