

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108976.D
 Acq On : 13 Sep 2018 20:37
 Operator : JU/SJ
 Sample : J4875-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 01:58:05 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

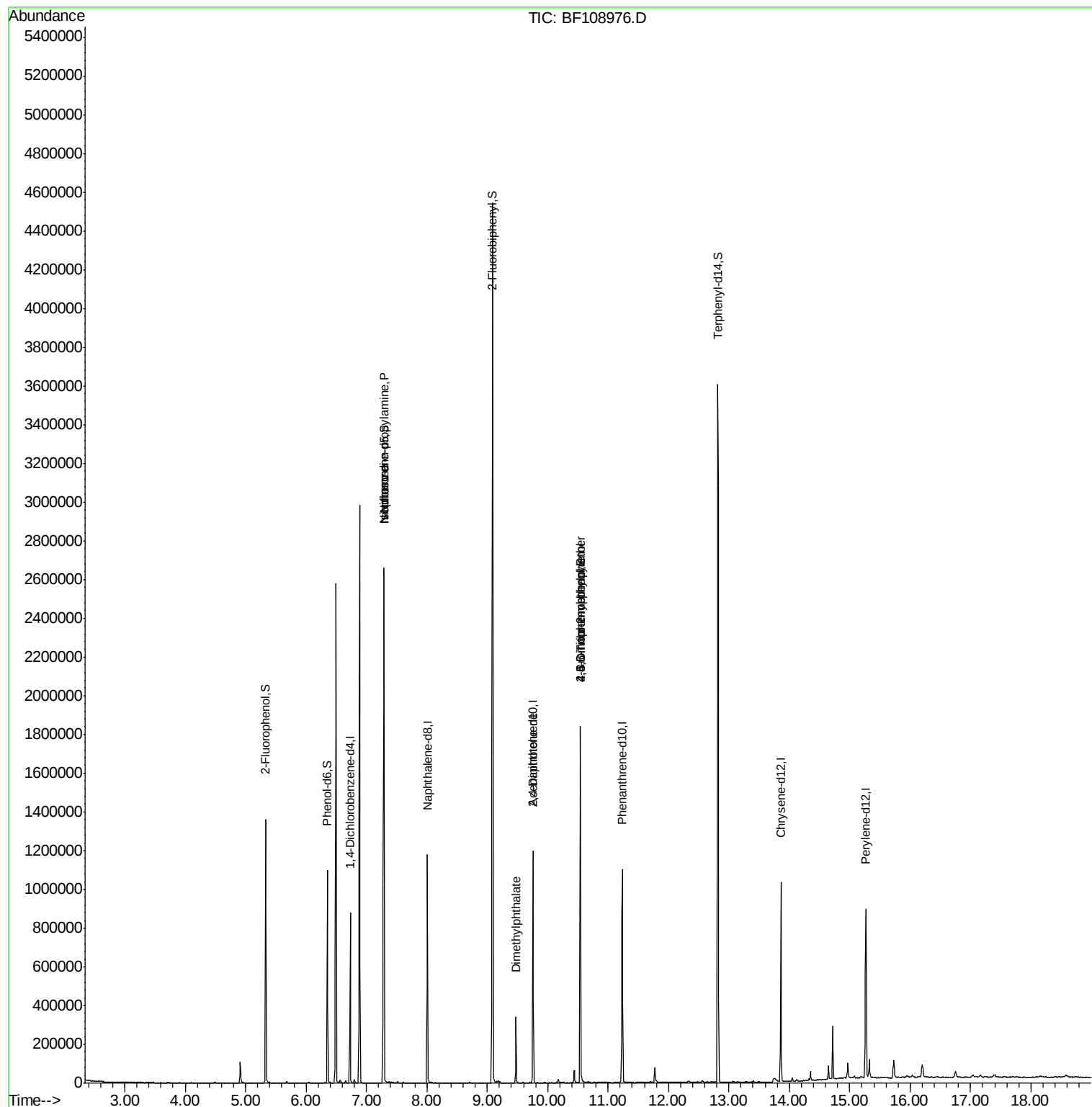
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133289	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	490080	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	220019	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	380982	20.00	ng	0.00
75) Chrysene-d12	13.86	240	325778	20.00	ng	0.00
86) Perylene-d12	15.27	264	386062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	363339	45.16	ng	0.00
7) Phenol-d6	6.35	99	313428	30.28	ng	-0.01
23) Nitrobenzene-d5	7.29	82	864926	110.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	219389	104.45	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1406462	109.05	ng	0.00
78) Terphenyl-d14	12.82	244	1268680	90.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	117174	16.284	ng	# 76
25) Isophorone	7.29	82	860849	55.110	ng	# 64
49) Dimethylphthalate	9.48	163	131681	8.557	ng	# 99
56) 2,4-Dinitrotoluene	9.76	165	27443	7.318	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	412	7.104	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	12764	2.966	ng	# 1

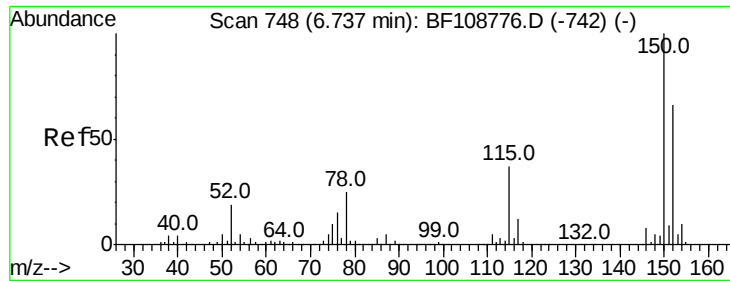
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



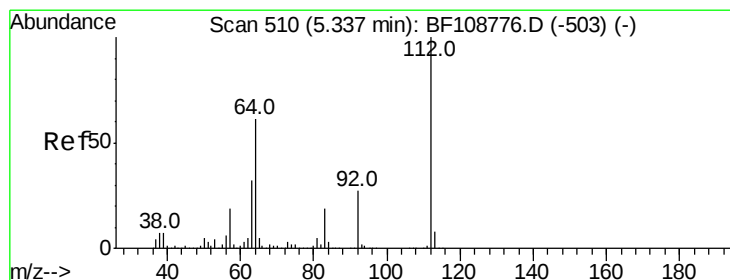
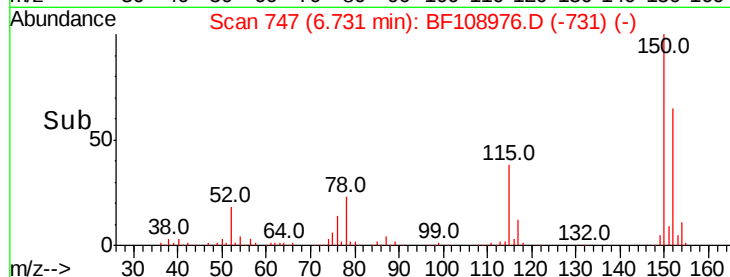
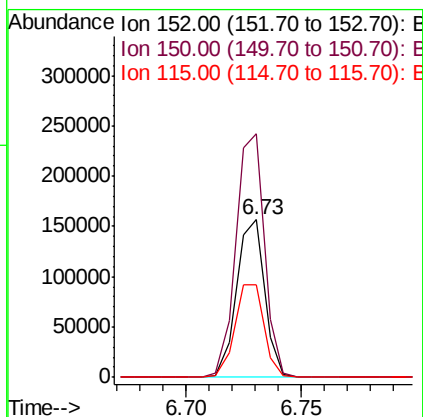
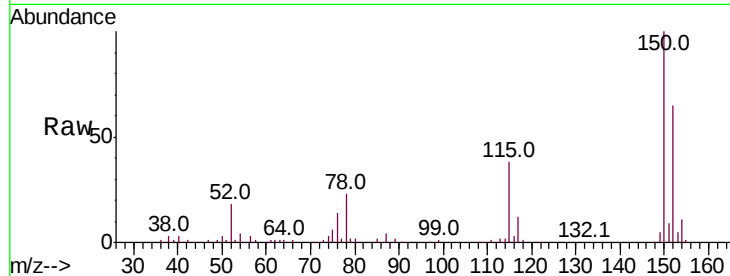


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108976.D
Acq: 13 Sep 2018 20:37

Instrument :
BNA_F
ClientSampleId :

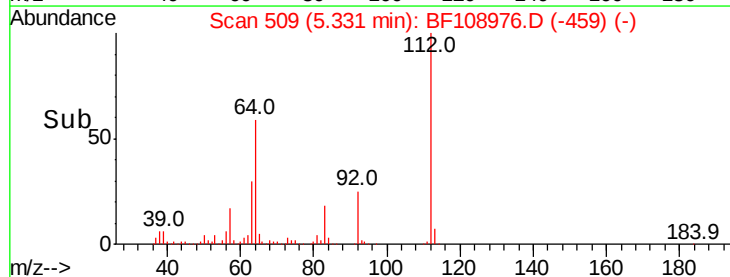
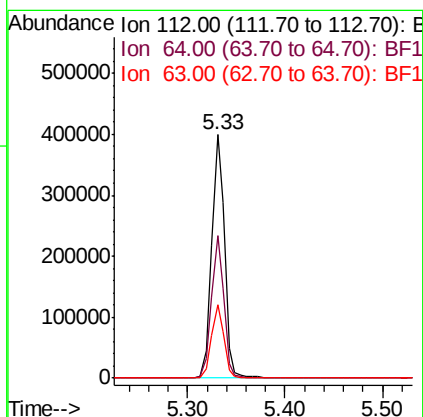
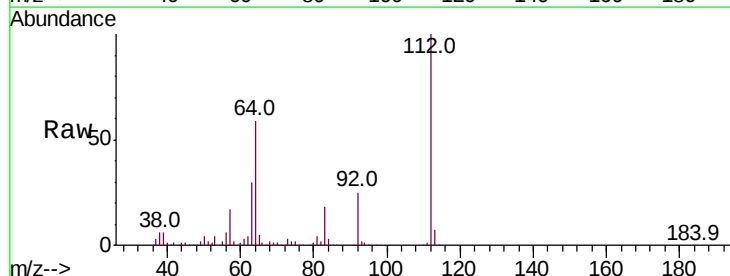
Tot Ion:152 Resp: 133289
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 58.6 50.1 75.1



#5

2-Fluorophenol
Concen: 45.160 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108976.D
Acq: 13 Sep 2018 20:37

Tgt Ion:112 Resp: 363339
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 30.277 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Instrument :

BNA_F

ClientSampleId :

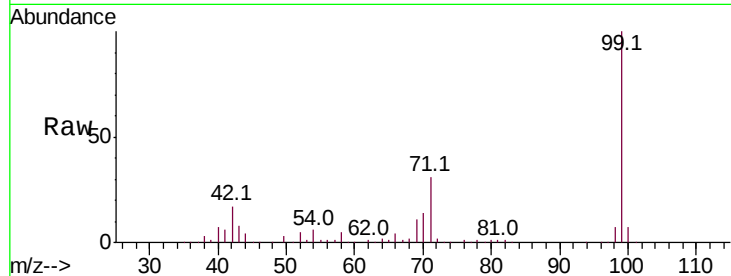
Tot Ion: 99 Resp: 313428

Ion Ratio Lower Upper

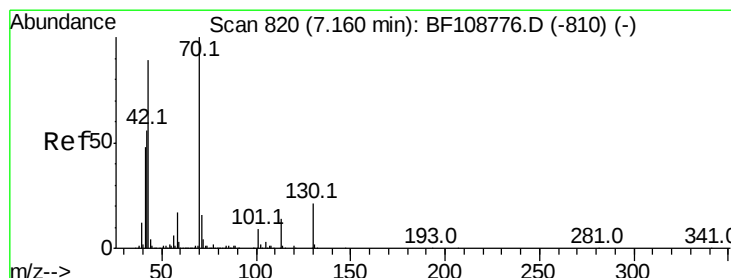
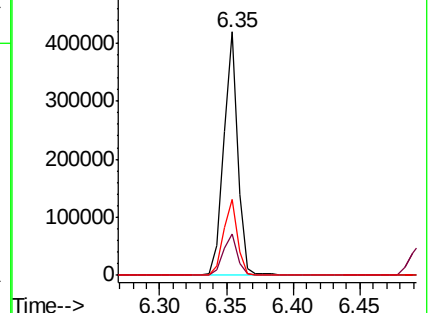
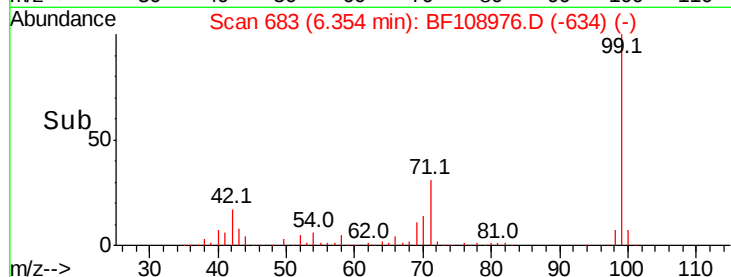
99 100

42 16.8 14.5 21.7

71 31.2 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: 16.284 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.13 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Tgt Ion: 70 Resp: 117174

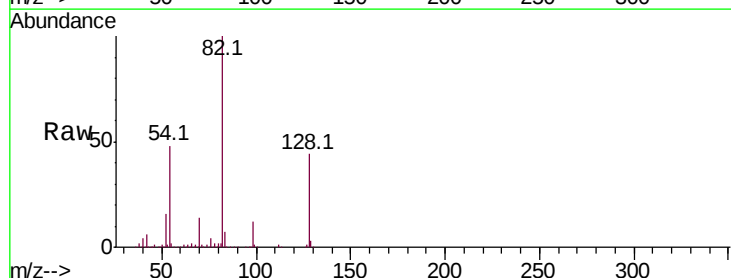
Ion Ratio Lower Upper

70 100

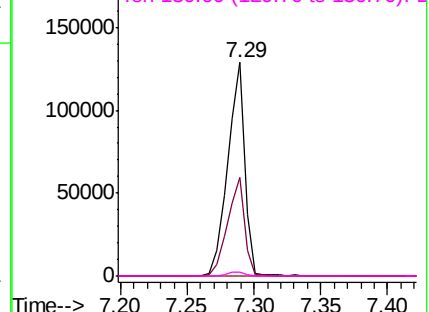
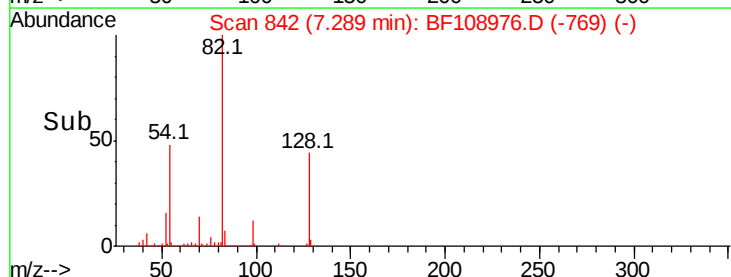
42 46.1 47.5 71.3#

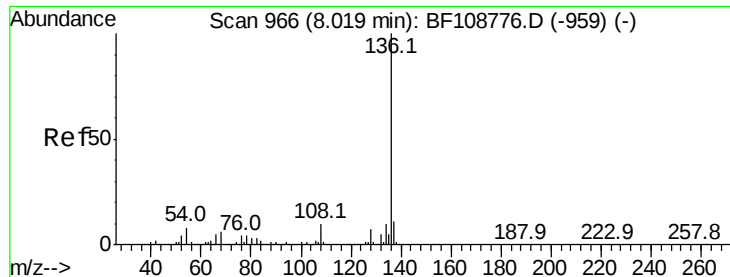
101 0.0 7.4 11.2#

130 2.0 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

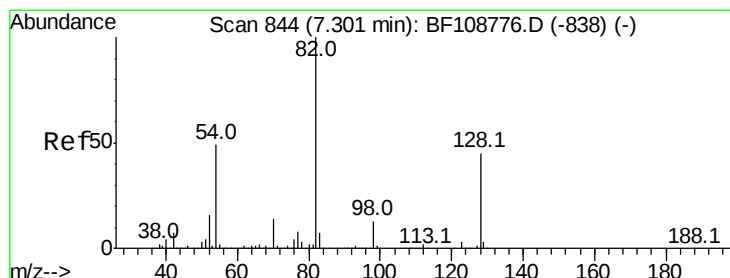
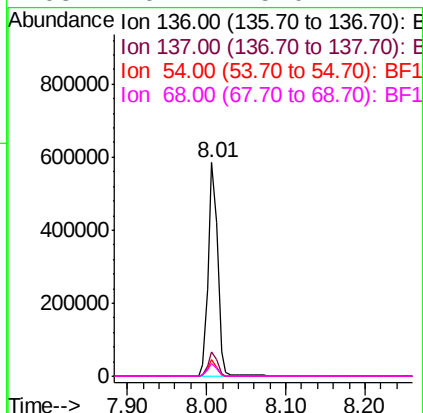
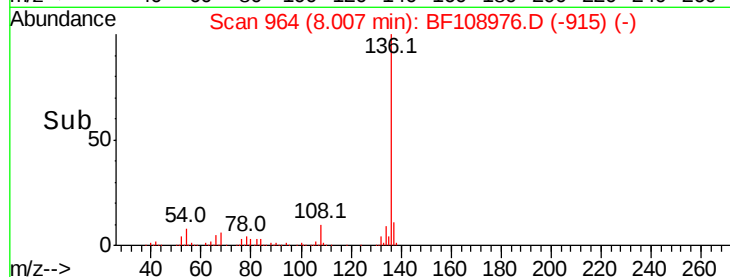
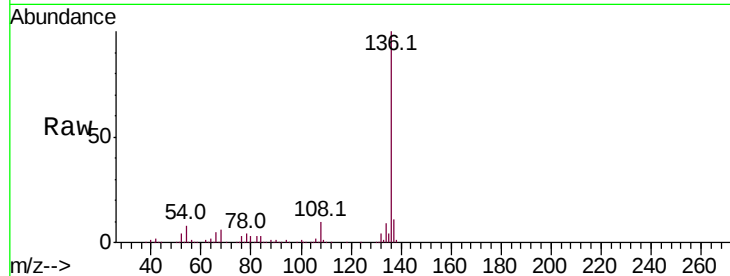




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108976.D
Acq: 13 Sep 2018 20:37

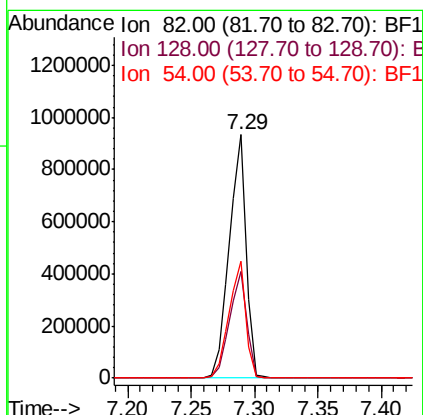
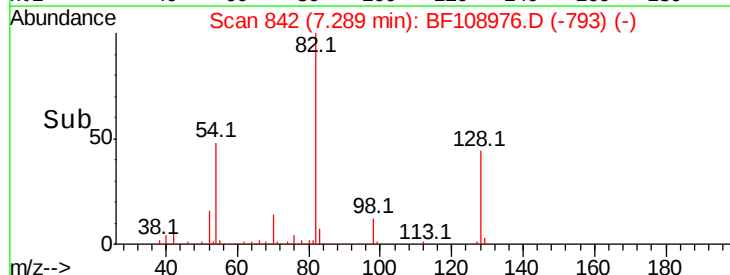
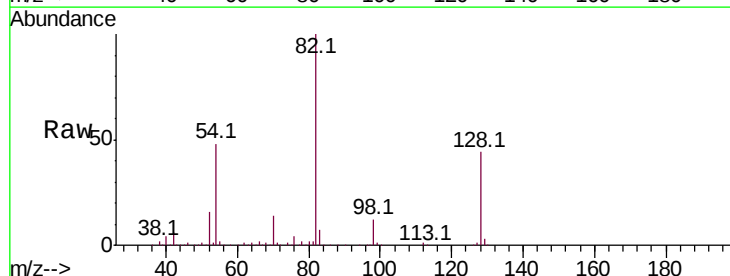
Instrument :
BNA_F
ClientSampleId :

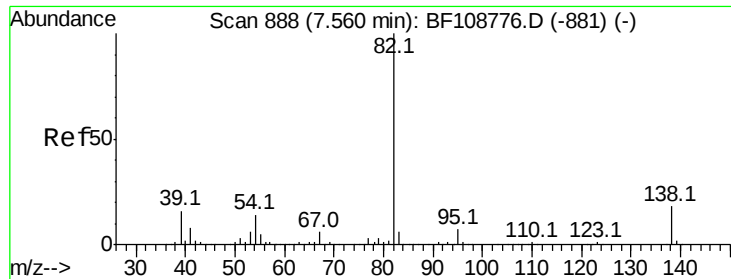
Tot Ion:136	Resp:	490080
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	7.8	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 110.447 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108976.D
Acq: 13 Sep 2018 20:37

Tgt Ion: 82	Resp:	864926
Ion	Ratio	Lower Upper
82	100	
128	44.1	36.1 54.1
54	47.8	41.4 62.2





#25

Isophorone

Concen: 55.110 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Instrument :

BNA_F

ClientSampleId :

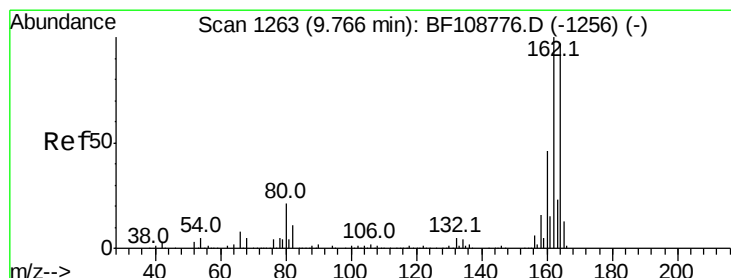
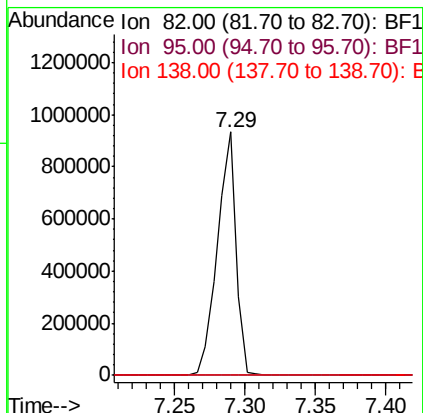
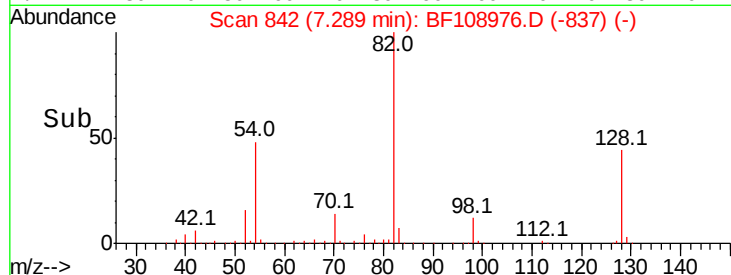
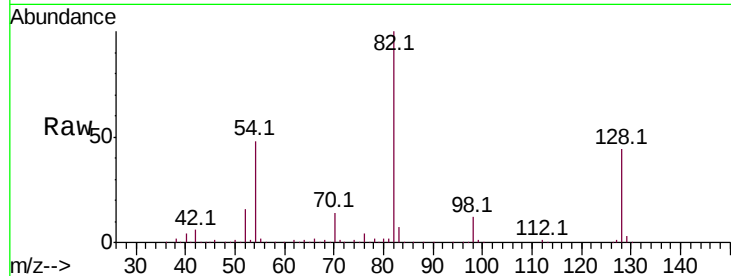
Tot Ion: 82 Resp: 860849

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: BF108976.D

Acq: 13 Sep 2018 20:37

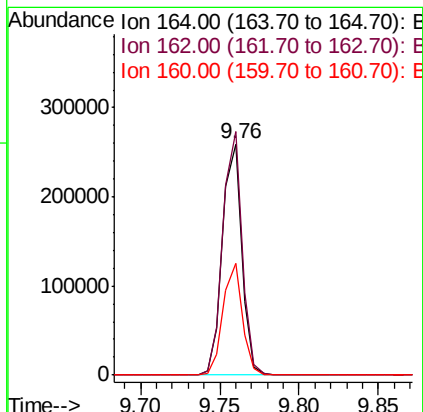
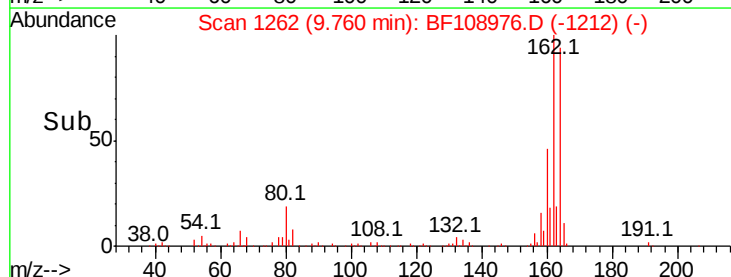
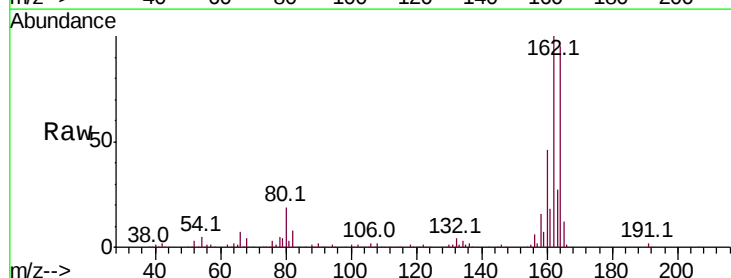
Tgt Ion:164 Resp: 220019

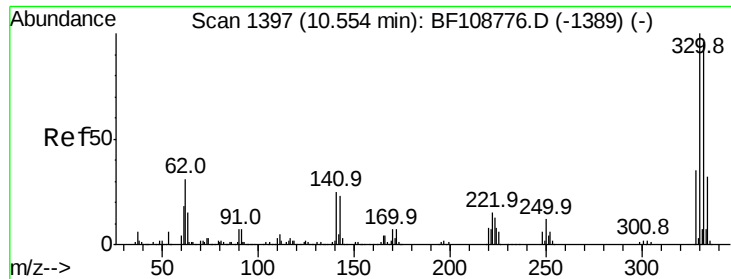
Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

160 48.1 38.3 57.5

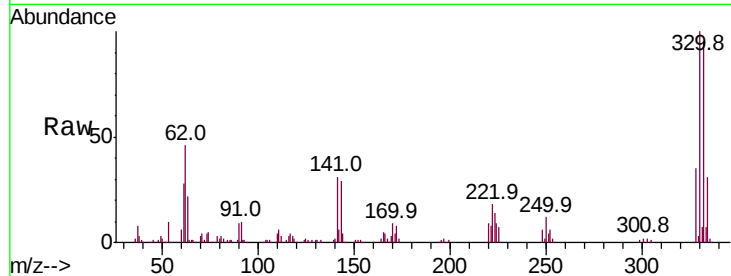




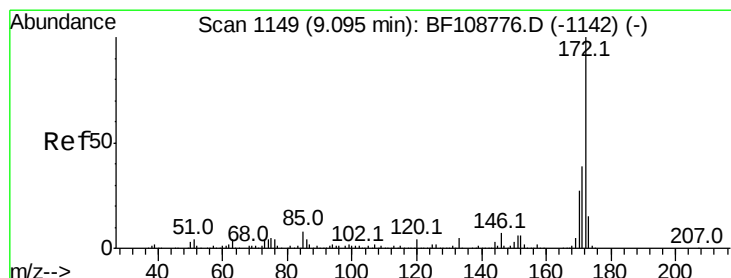
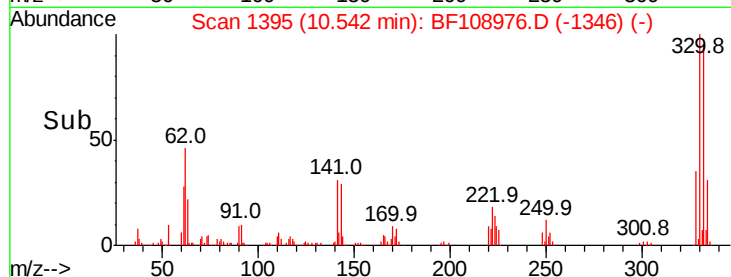
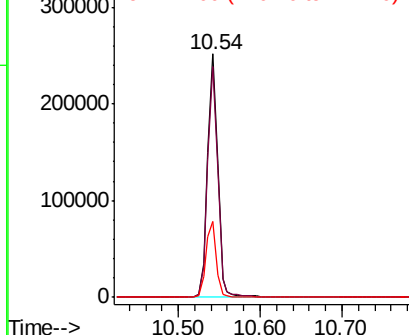
#41
 2,4,6-Tribromophenol
 Concen: 104.451 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108976.D
 Acq: 13 Sep 2018 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	31.6	29.9	44.9

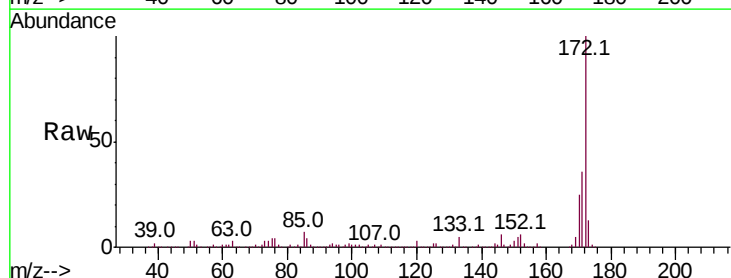


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

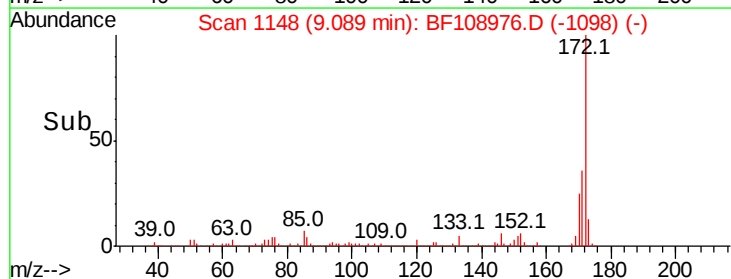
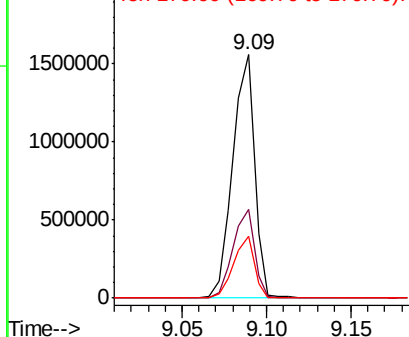


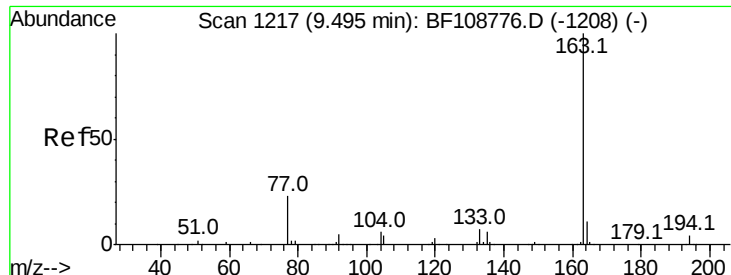
#44
 2-Fluorobiphenyl
 Concen: 109.054 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108976.D
 Acq: 13 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	25.4	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: 8.557 ng

RT: 9.48 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Instrument :

BNA_F

ClientSampleId :

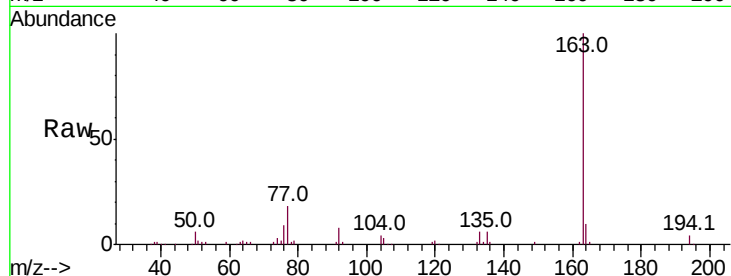
Tot Ion:163 Resp: 131681

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

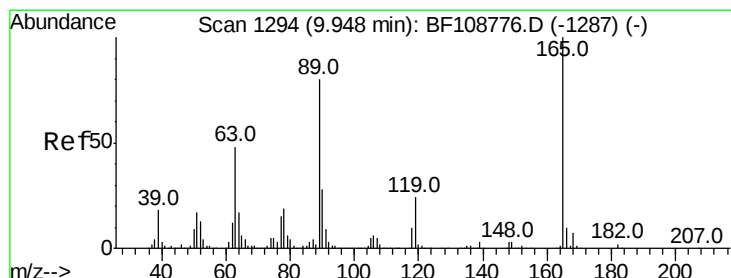
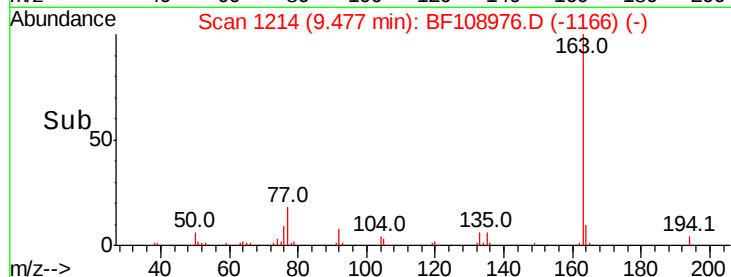
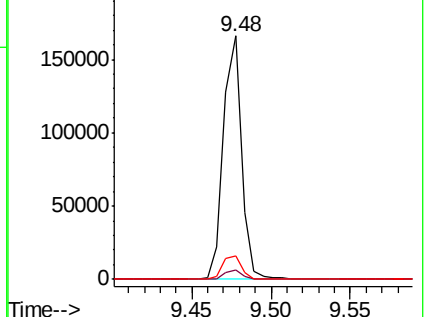
164 9.7 8.2 12.2



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: 7.318 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.19 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Tgt Ion:165 Resp: 27443

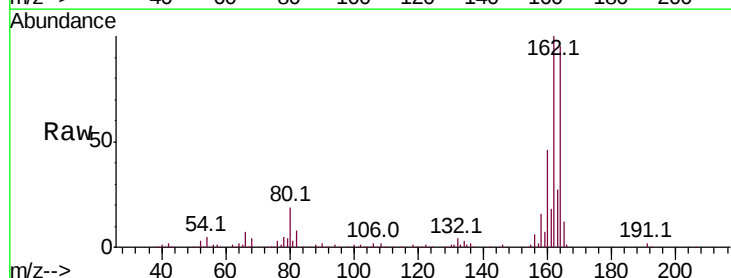
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

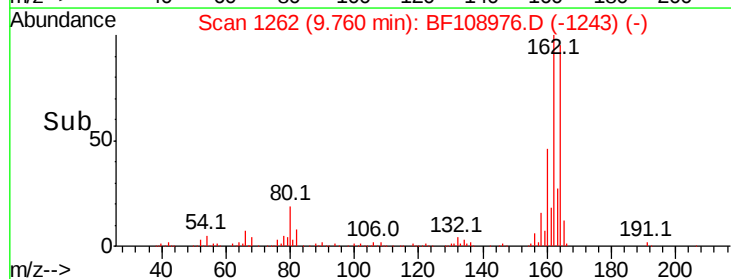
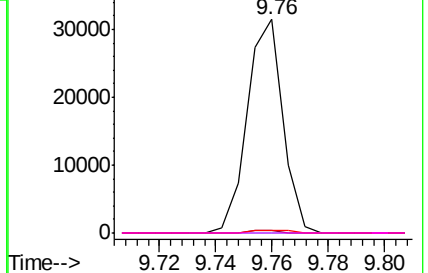


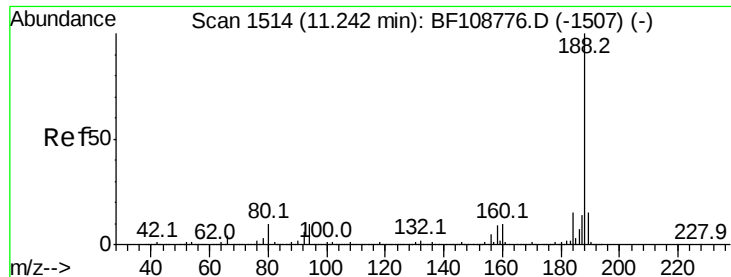
Abundance Ion 165.00 (164.70 to 165.70): E

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

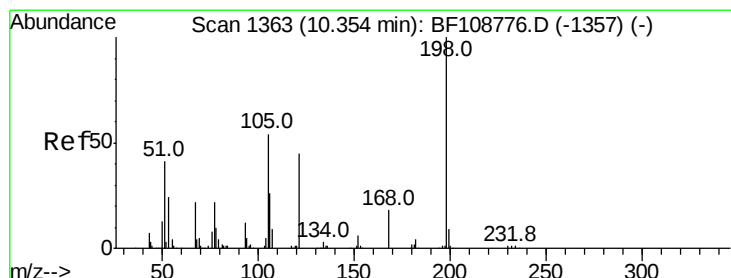
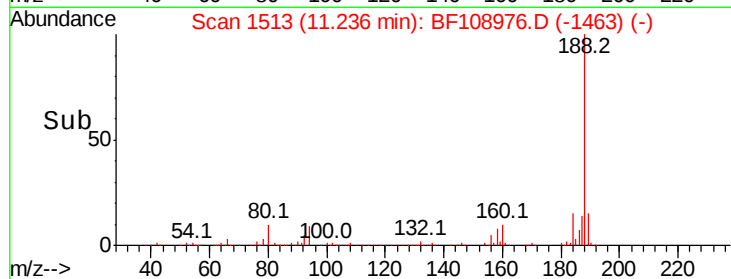
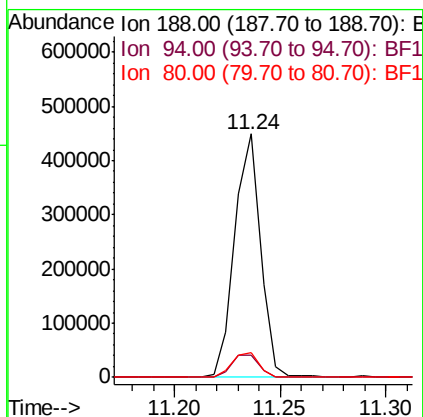
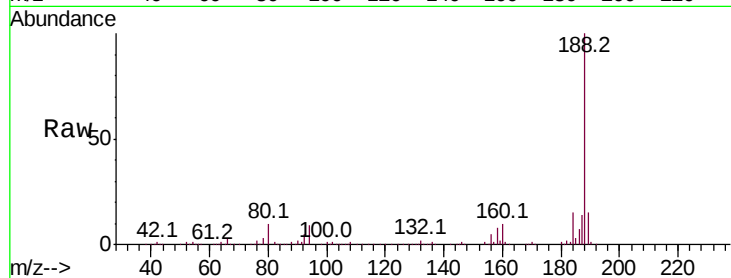




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108976.D
 Acq: 13 Sep 2018 20:37

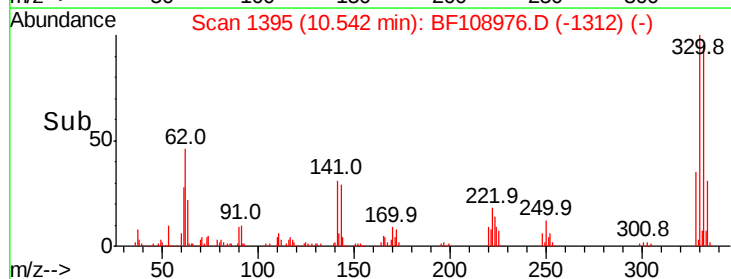
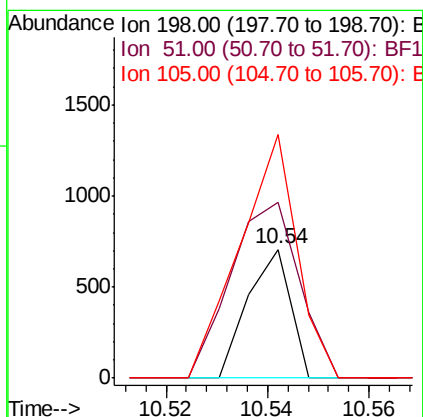
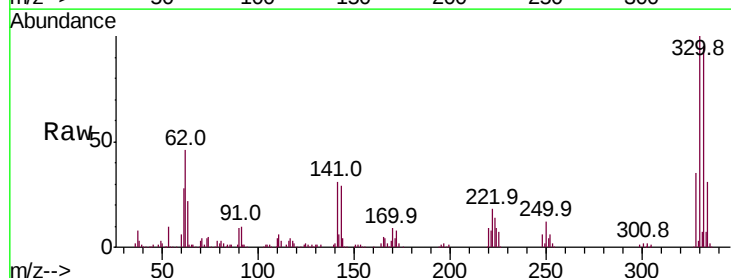
Instrument :
 BNA_F
 ClientSampleId :

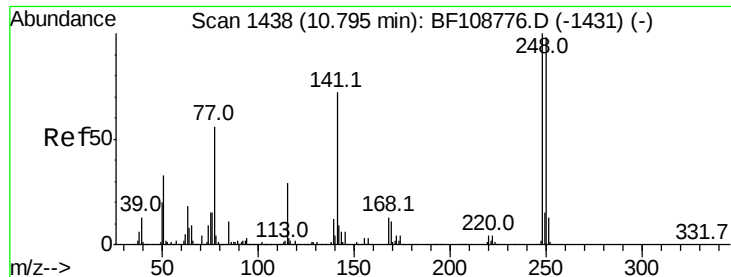
Tot Ion:188 Resp: 380982
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.104 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.19 min
 Lab File: BF108976.D
 Acq: 13 Sep 2018 20:37

Tgt Ion:198 Resp: 412
 Ion Ratio Lower Upper
 198 100
 51 136.6 37.7 77.7#
 105 189.1 36.3 76.3#

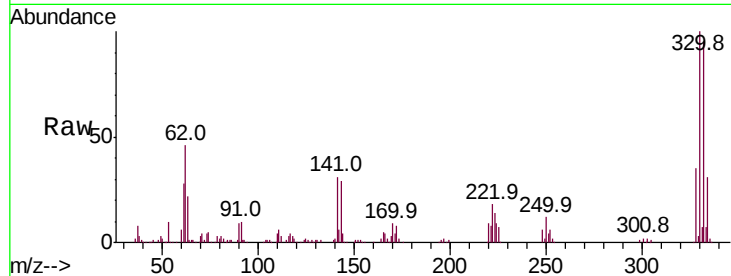




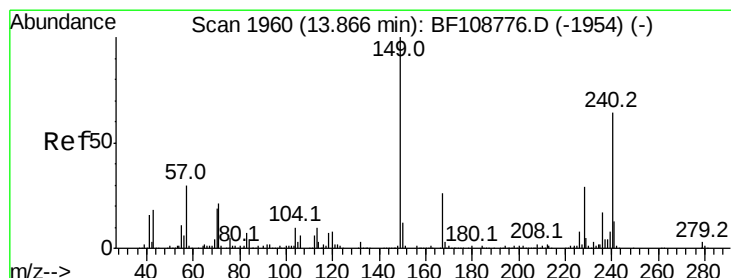
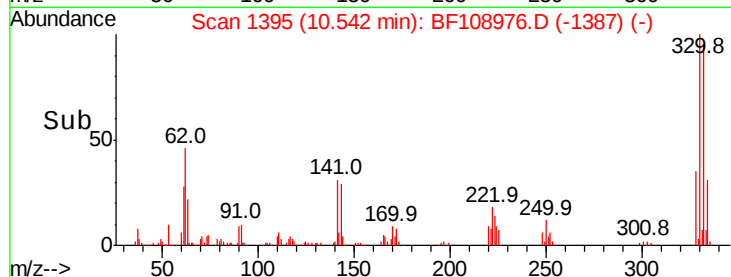
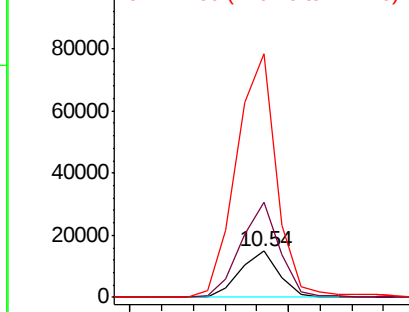
#66
4-Bromophenyl-phenylether
Concen: 2.966 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108976.D
Acq: 13 Sep 2018 20:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12764
Ion Ratio Lower Upper
248 100
250 206.0 76.9 115.3#
141 524.2 74.4 111.6#

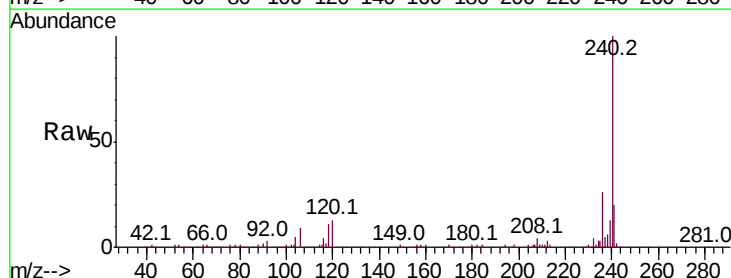


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

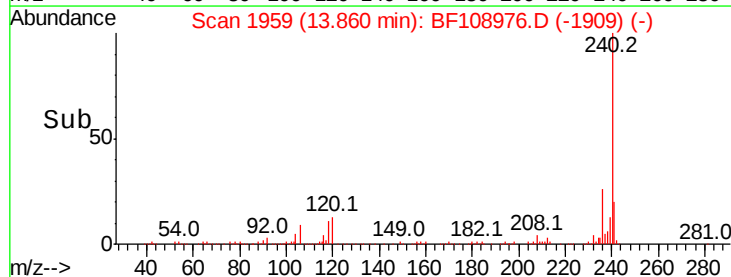
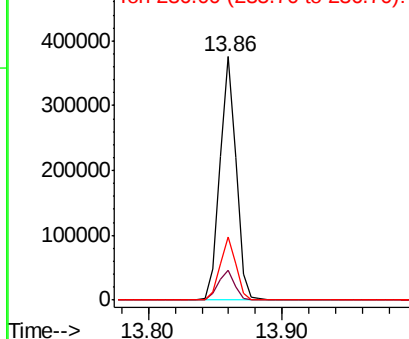


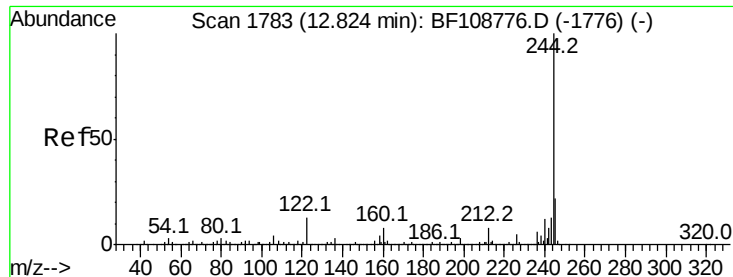
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BF108976.D
Acq: 13 Sep 2018 20:37

Tgt Ion:240 Resp: 325778
Ion Ratio Lower Upper
240 100
120 12.5 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: 90.811 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Instrument :

BNA_F

ClientSampleId :

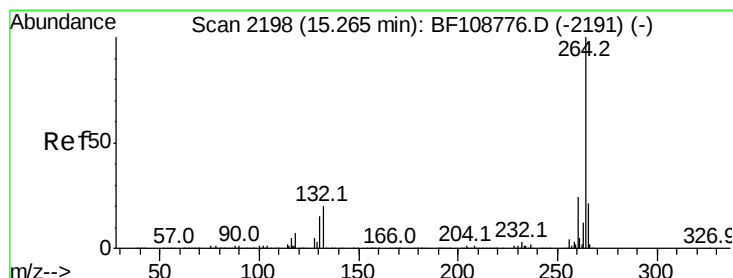
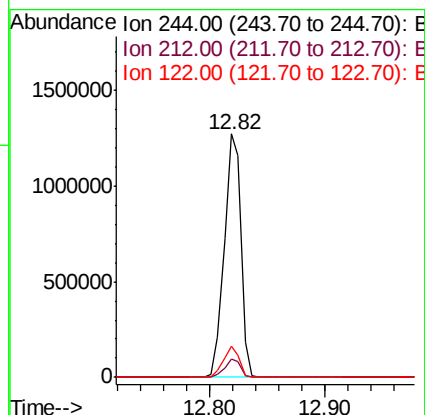
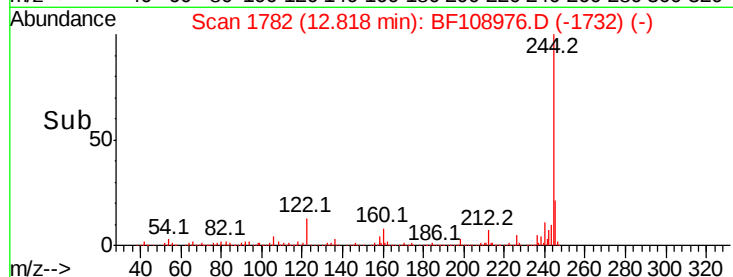
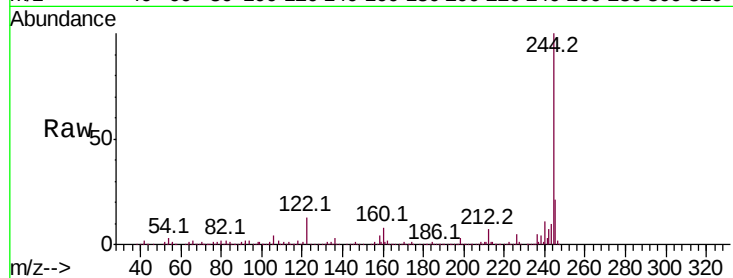
Tot Ion:244 Resp: 1268680

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 12.8 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BF108976.D

Acq: 13 Sep 2018 20:37

Tgt Ion:264 Resp: 386062

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.2 17.5 26.3

