

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110589.D
 Acq On : 8 Nov 2018 17:18
 Operator : JU/SJ
 Sample : J5851-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:41:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

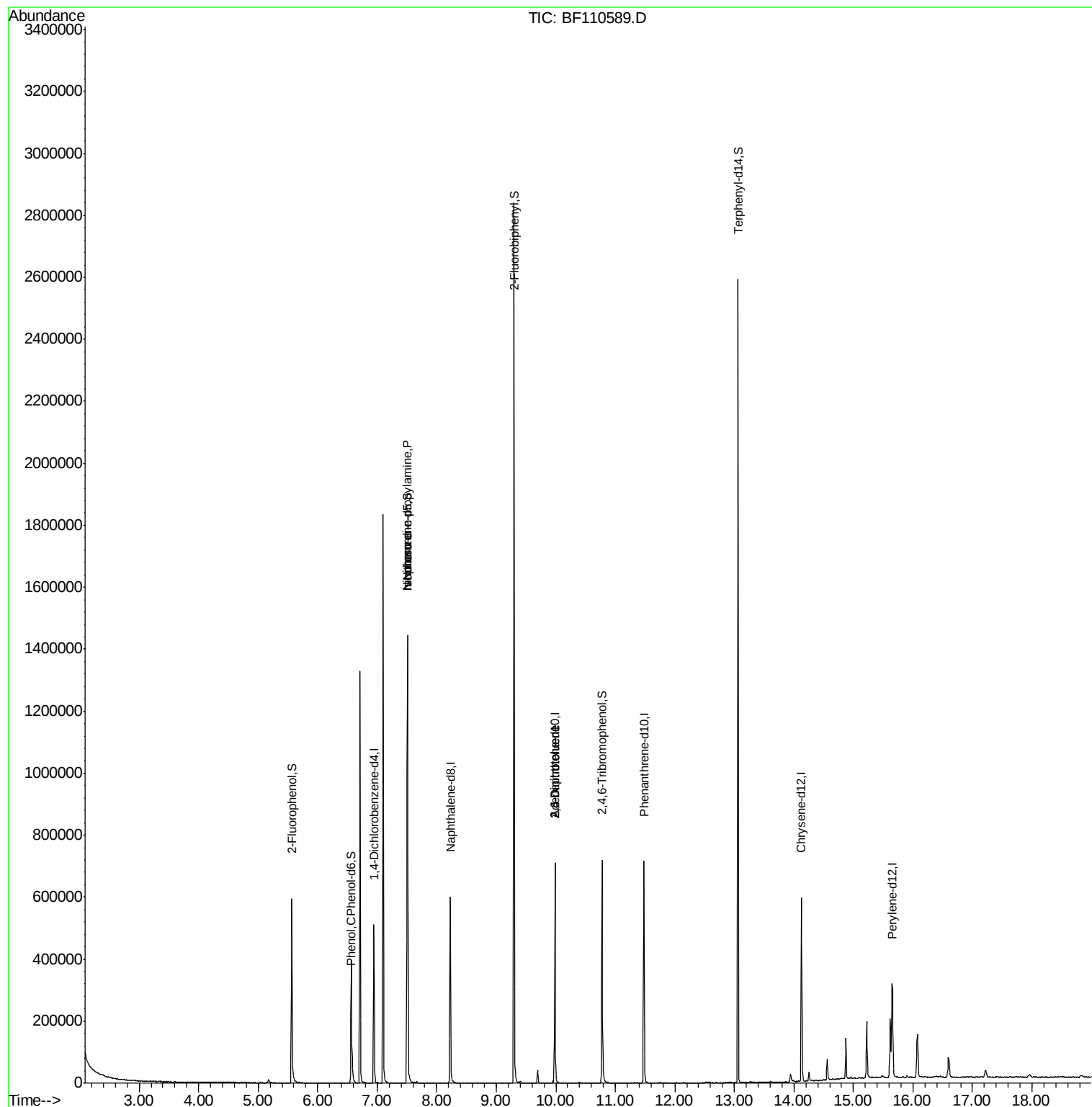
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74018	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	310095	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	148045	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	284037	20.00	ng	0.00
76) Chrysene-d12	14.13	240	211625	20.00	ng	-0.01
87) Perylene-d12	15.65	264	157550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	173709	38.12	ng	0.00
7) Phenol-d6	6.56	99	133666	22.94	ng	-0.01
23) Nitrobenzene-d5	7.51	82	483336	89.76	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	92662	62.12	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	936394	90.33	ng	0.00
79) Terphenyl-d14	13.06	244	839640	74.30	ng	0.00
Target Compounds						
10) Phenol	6.57	94	20712	3.07	ng	# 73
19) n-Nitroso-di-n-propylamine	7.51	70	63888	17.18	ng	# 79
25) Isophorone	7.51	82	483331	54.77	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	18670	7.68	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	18670	5.91	ng	# 19

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

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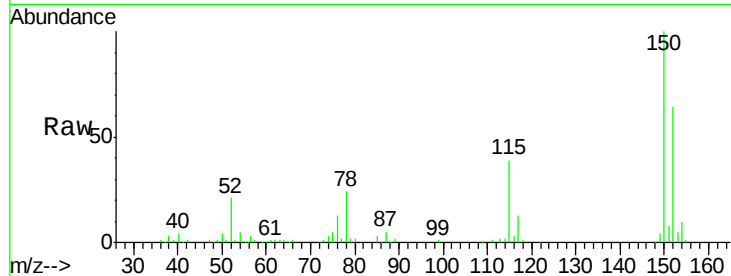


#1

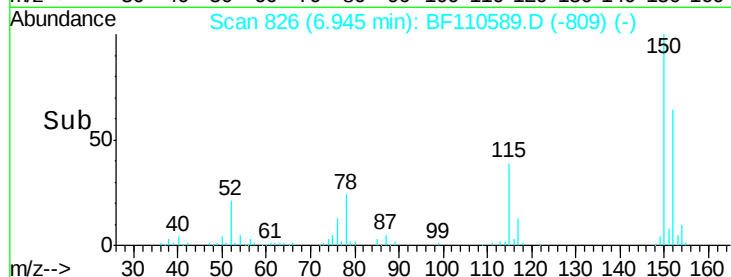
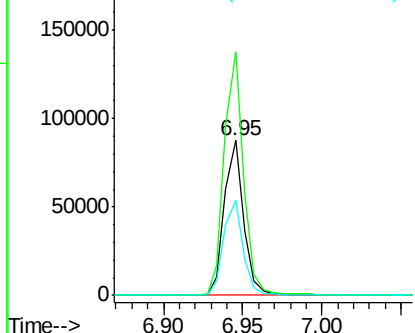
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74018
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 61.1 49.1 73.7



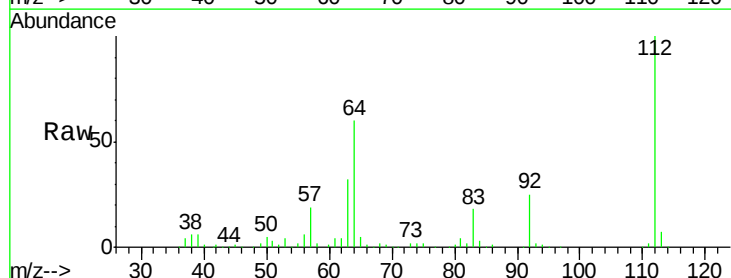
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



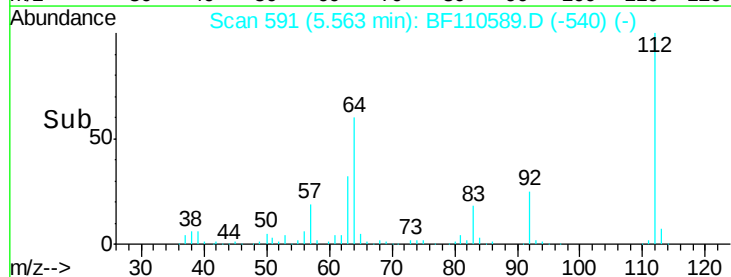
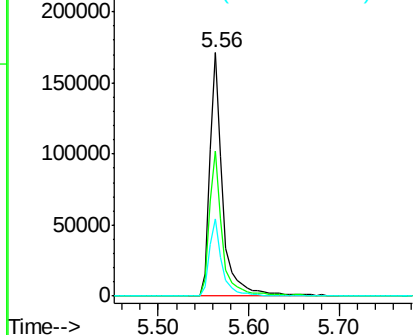
#5

2-Fluorophenol
Concen: 38.12 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Tgt Ion:112 Resp: 173709
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.8 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: 22.94 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110589.D

Acq: 8 Nov 2018 17:18

Instrument :

BNA_F

ClientSampleId :

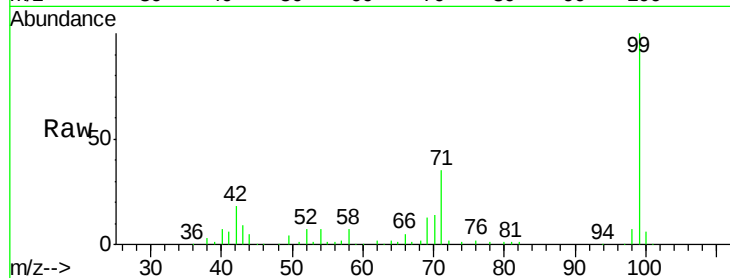
Tot Ion: 99 Resp: 133666

Ion Ratio Lower Upper

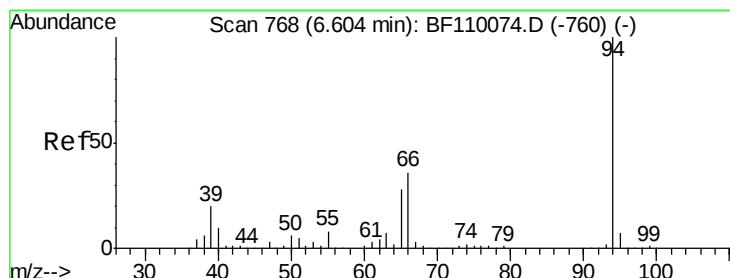
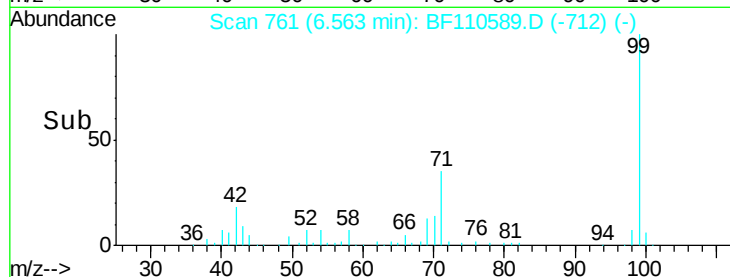
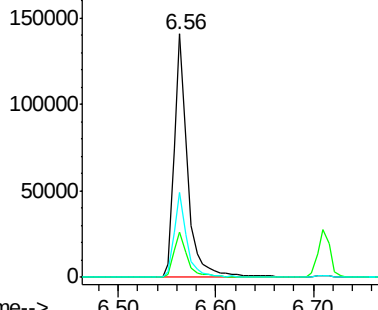
99 100

42 18.4 15.8 23.6

71 35.0 28.0 42.0



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



#10

Phenol

Concen: 3.07 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110589.D

Acq: 8 Nov 2018 17:18

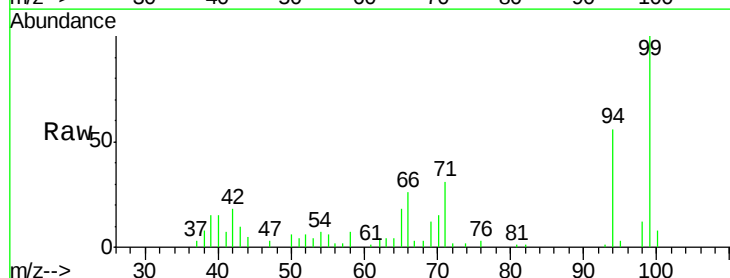
Tgt Ion: 94 Resp: 20712

Ion Ratio Lower Upper

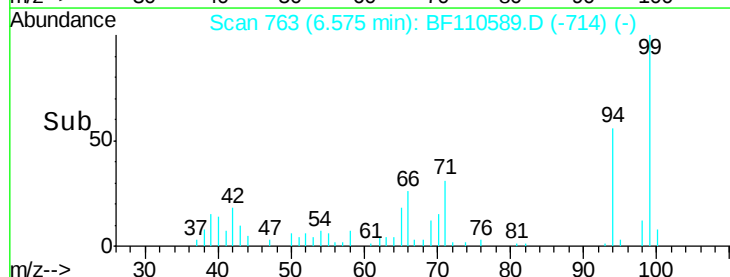
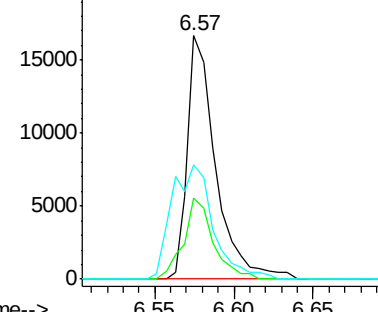
94 100

65 33.1 25.3 65.3

66 46.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

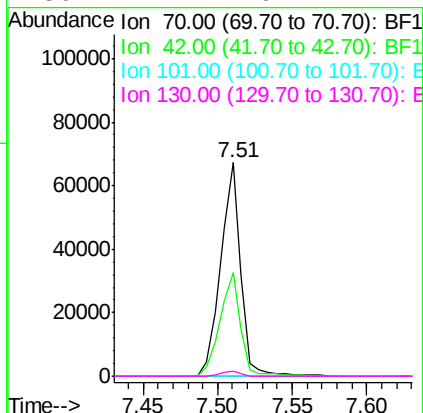
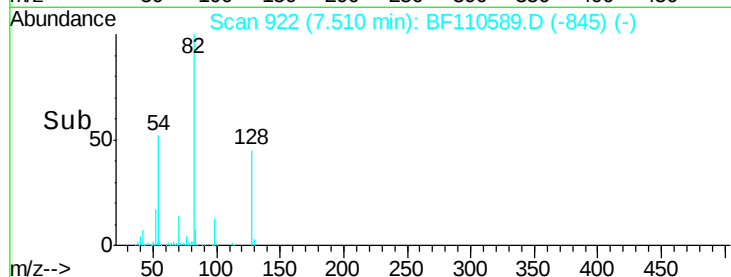
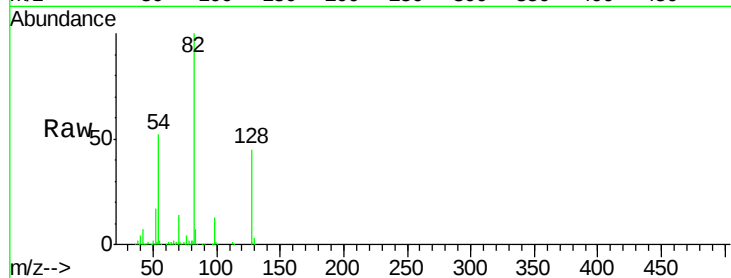




#19
n-Nitroso-di-n-propylamine
Concen: 17.18 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

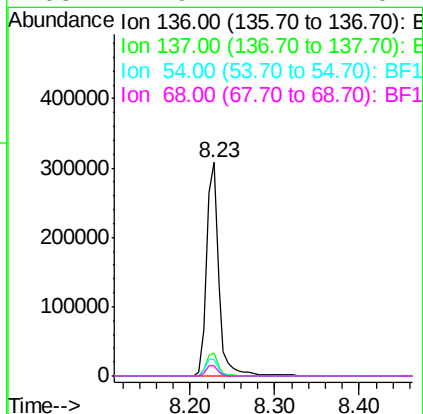
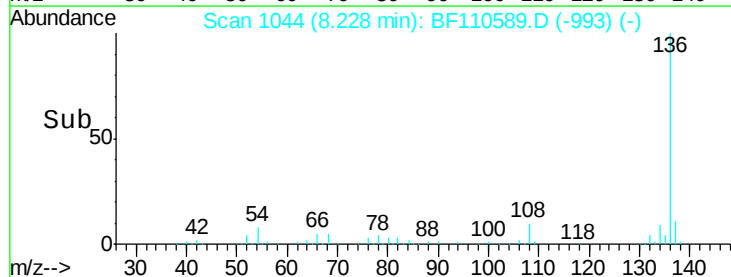
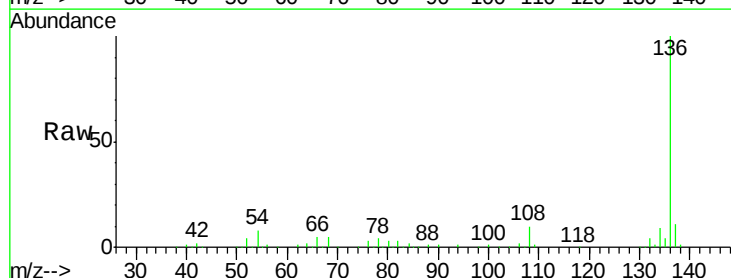
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 63888
Ion Ratio Lower Upper
70 100
42 48.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Tgt Ion: 136 Resp: 310095
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 5.4 8.2
68 4.9 4.2 6.2

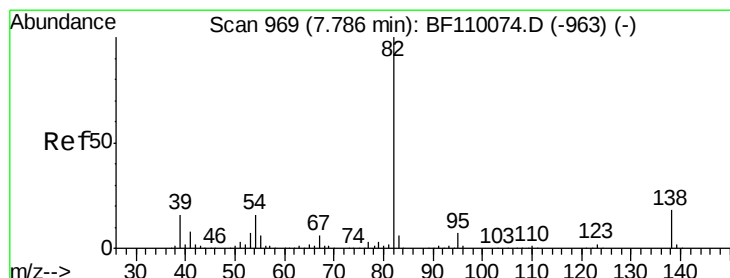
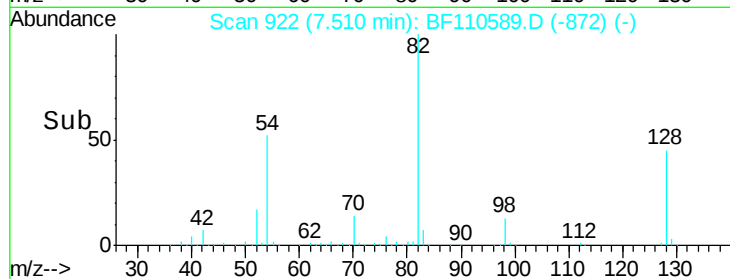
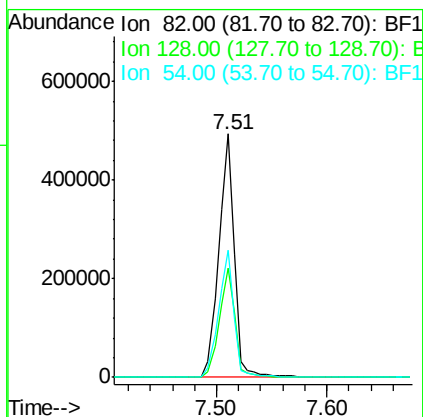
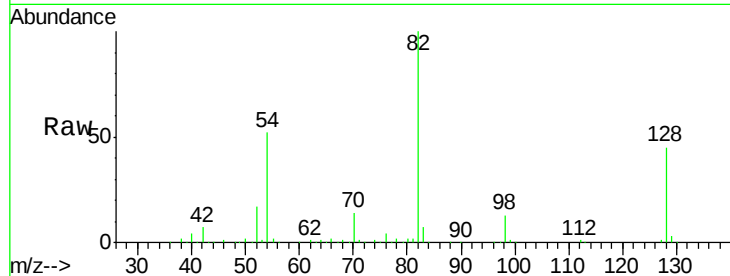




#23
Nitrobenzene-d5
Concen: 89.76 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

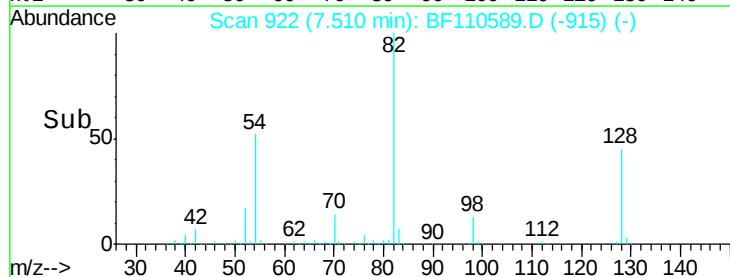
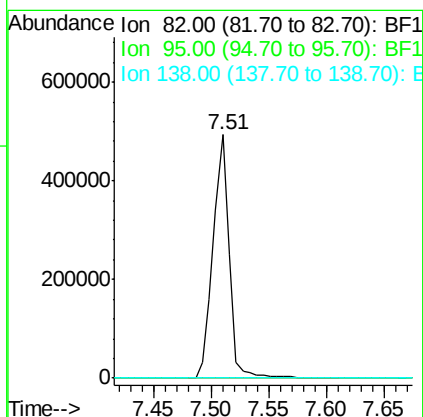
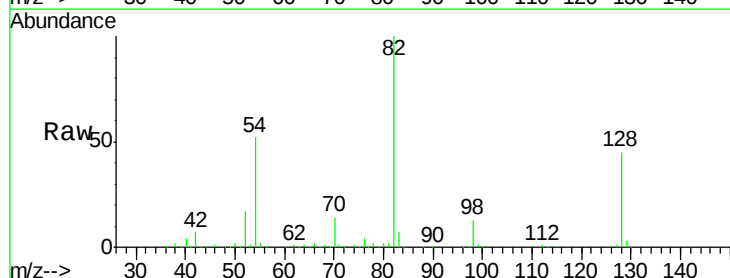
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 483336
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.2
54 52.3 38.6 58.0



#25
Isophorone
Concen: 54.77 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Tgt Ion: 82 Resp: 483331
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110589.D

Acq: 8 Nov 2018 17:18

Instrument :

BNA_F

ClientSampleId :

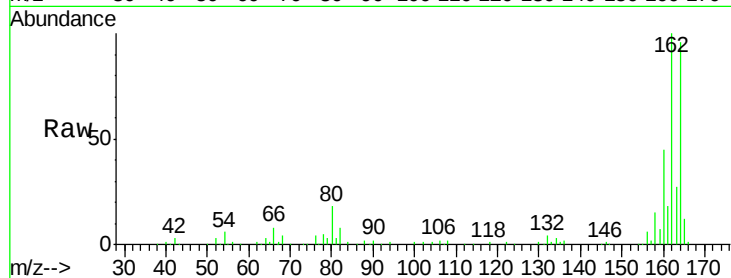
Tot Ion:164 Resp: 148045

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

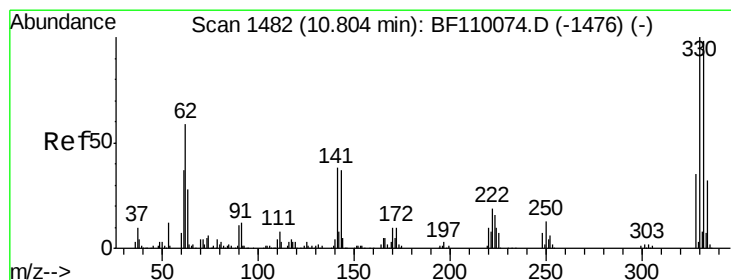
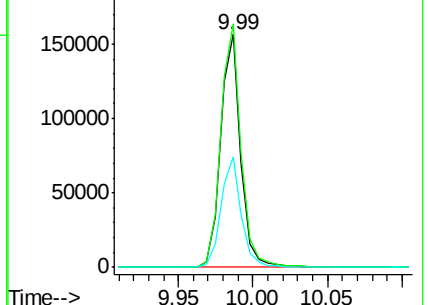
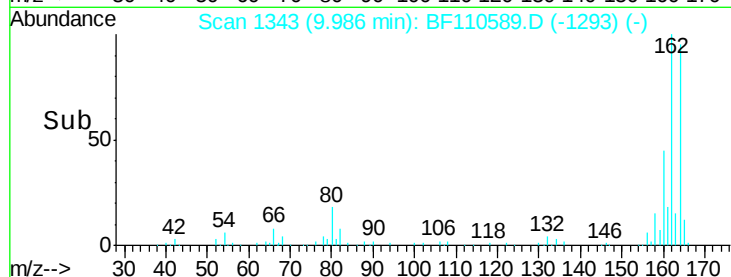
160 47.6 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 62.12 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110589.D

Acq: 8 Nov 2018 17:18

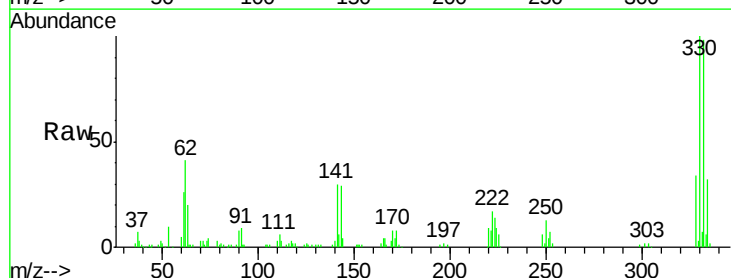
Tgt Ion:330 Resp: 92662

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

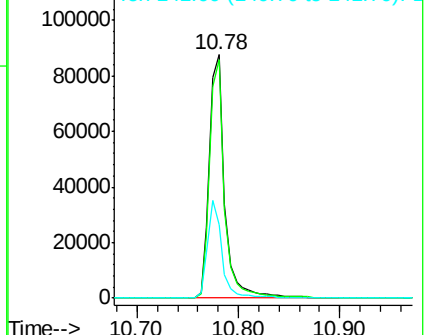
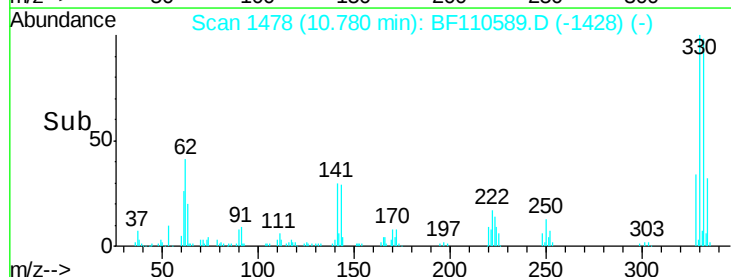
141 37.1 27.0 40.4



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

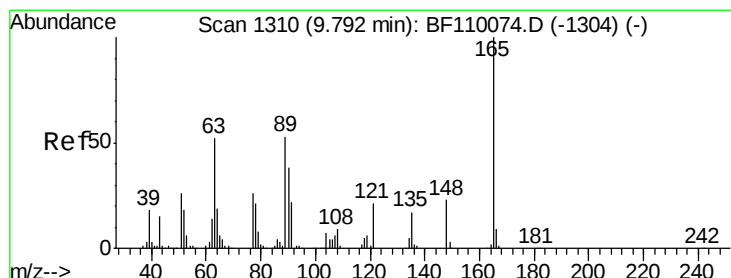
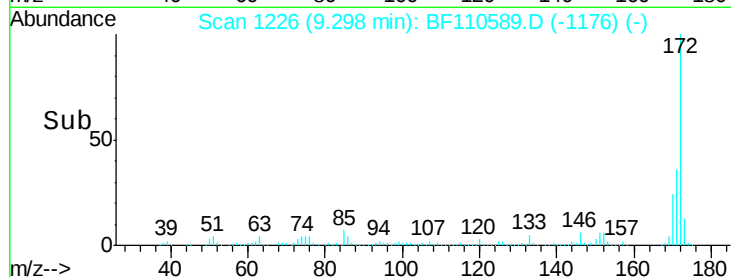
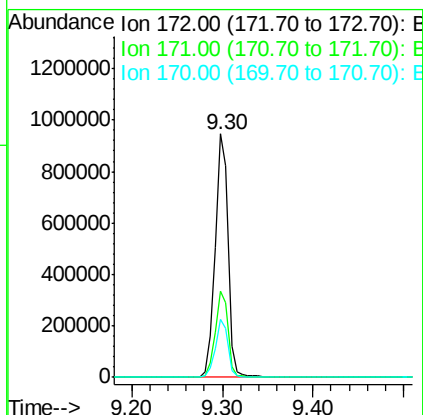
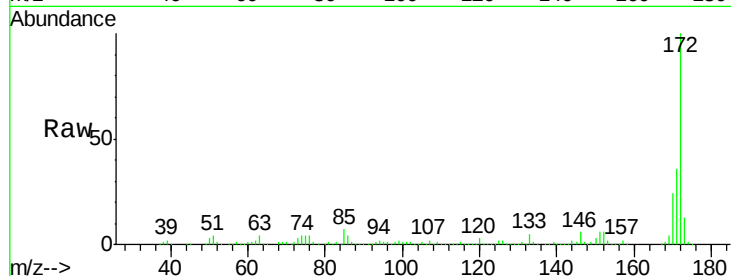




#45
 2-Fluorobiphenyl
 Concen: 90.33 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110589.D
 Acq: 8 Nov 2018 17:18

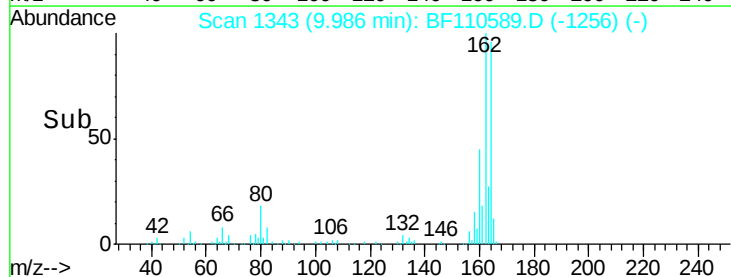
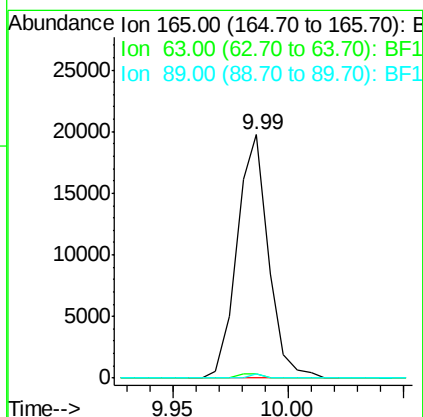
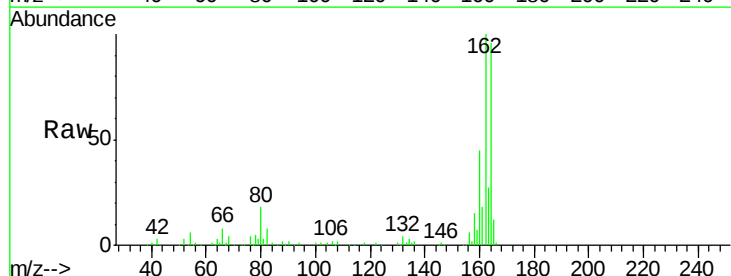
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 936394
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.8 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110589.D
 Acq: 8 Nov 2018 17:18

Tgt Ion:165 Resp: 18670
 Ion Ratio Lower Upper
 165 100
 63 1.7 48.9 73.3#
 89 1.9 46.6 69.8#

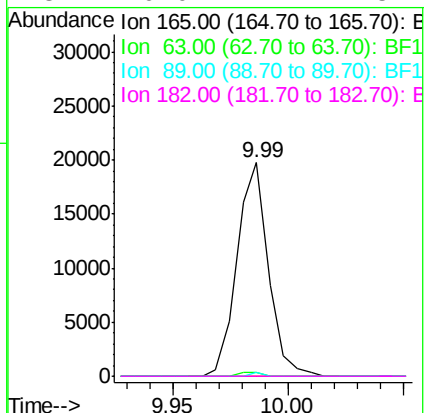
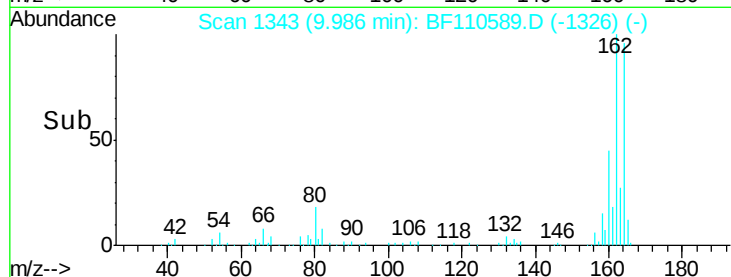
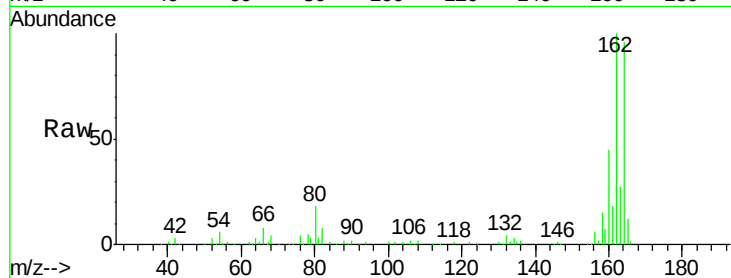




#57
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

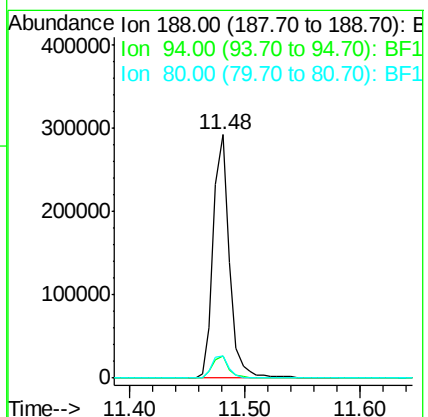
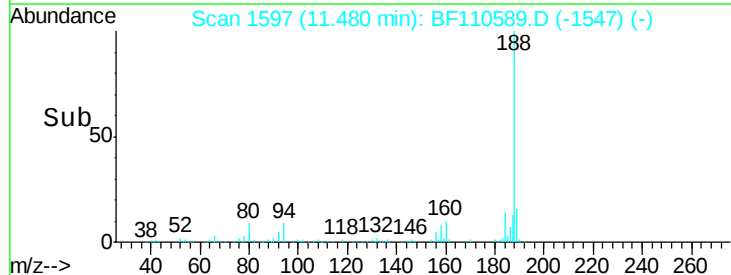
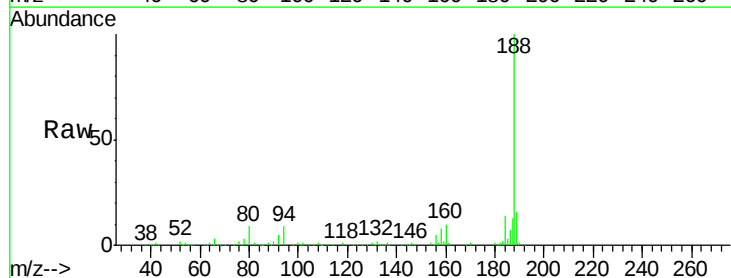
Instrument :
BNA_F
ClientSampleId :

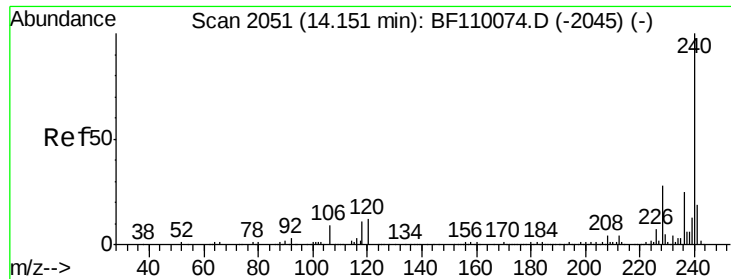
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.0	7.9	11.9

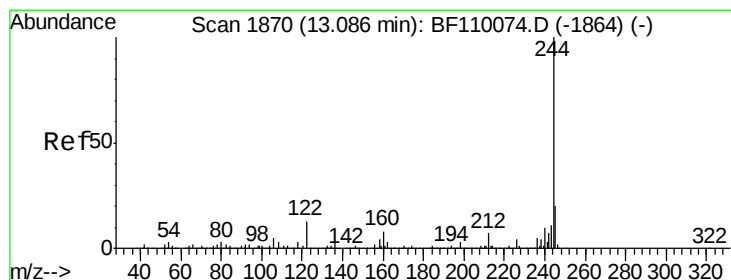
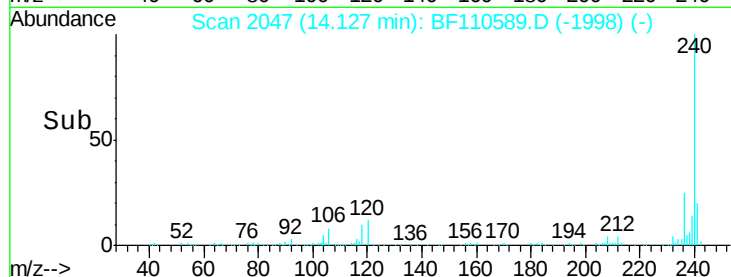
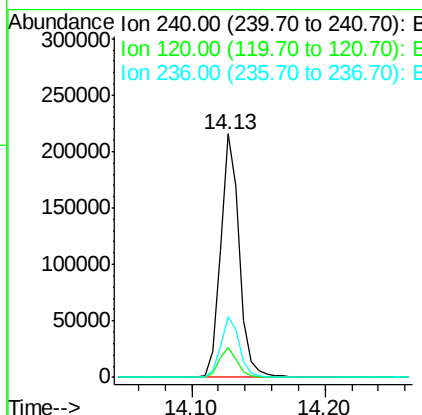
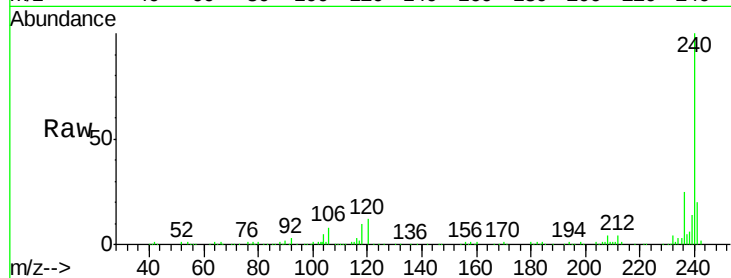




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

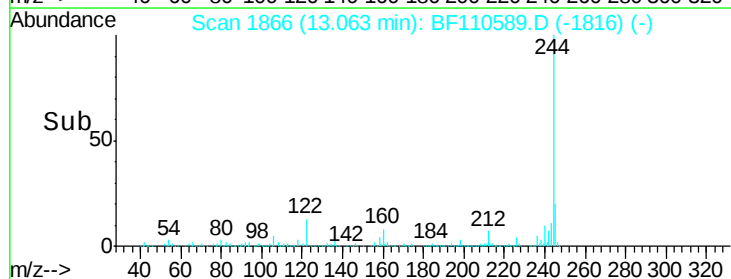
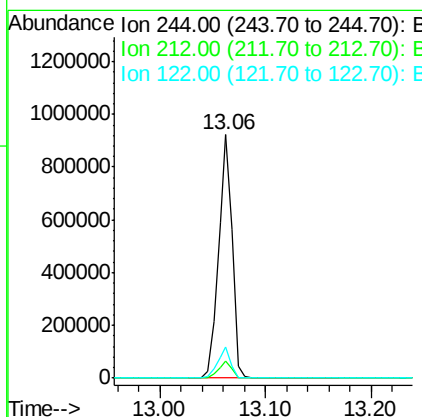
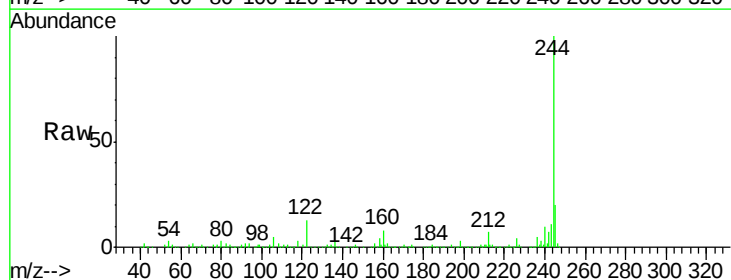
Instrument :
BNA_F
ClientSampleId :

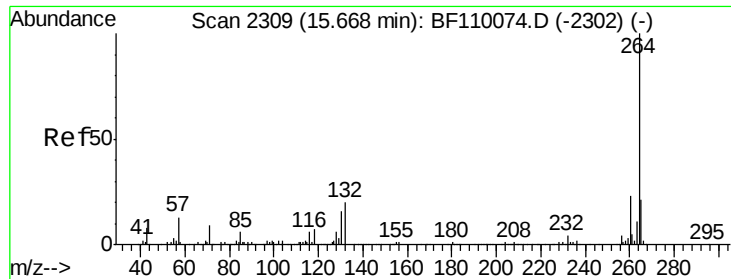
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.1	21.2	31.8



#79
Terphenyl-d14
Concen: 74.30 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.6	8.7	13.1





#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110589.D
Acq: 8 Nov 2018 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.4	16.7	25.1

