

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110549.D
 Acq On : 7 Nov 2018 8:00
 Operator : JU/SJ
 Sample : J5808-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:52:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

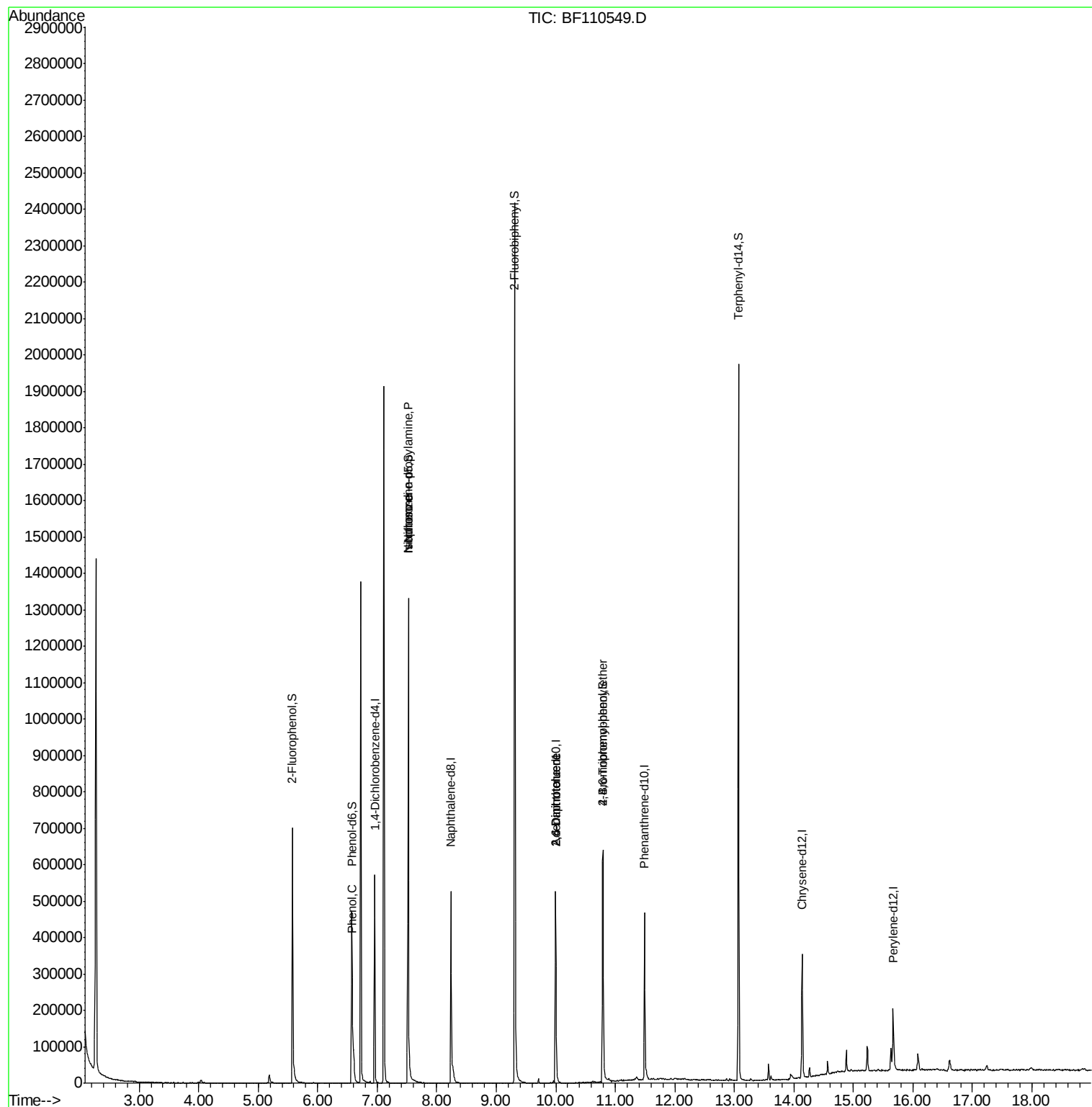
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83894	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	305094	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	118979	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	207516	20.00	ng	0.00
76) Chrysene-d12	14.14	240	138583	20.00	ng	0.00
87) Perylene-d12	15.67	264	99500	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	217471	42.21	ng	0.00
7) Phenol-d6	6.57	99	172527	26.18	ng	0.00
23) Nitrobenzene-d5	7.52	82	473419	92.04	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	91564	77.69	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	828764	109.38	ng	0.00
79) Terphenyl-d14	13.07	244	699778	105.02	ng	0.00
Target Compounds						
10) Phenol	6.59	94	18012	2.557	ng	# 74
19) n-Nitroso-di-n-propylamine	7.52	70	61939	14.652	ng	# 79
25) Isophorone	7.52	82	473417	53.993	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	14884	7.867	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	14884	6.194	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	5698	2.531	ng	# 1

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

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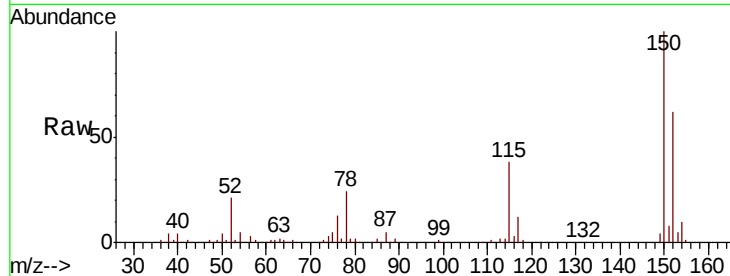


#1

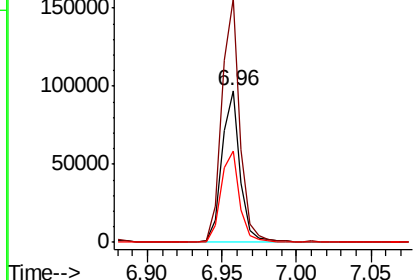
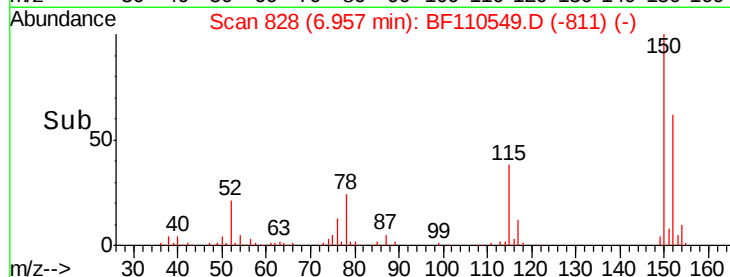
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83894
Ion Ratio Lower Upper
152 100
150 160.6 122.7 184.1
115 60.6 49.1 73.7



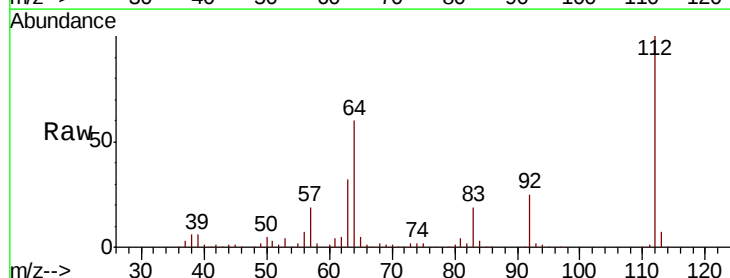
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



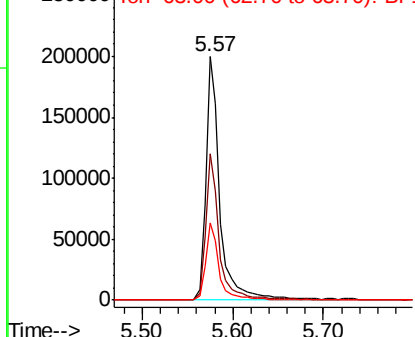
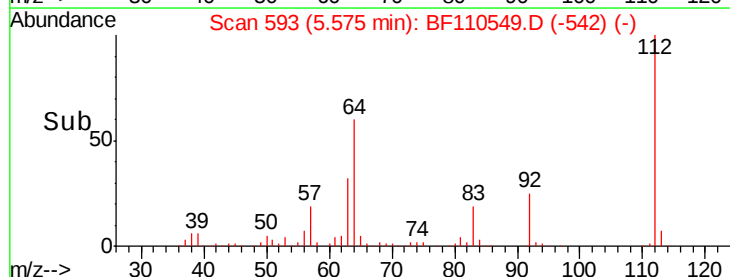
#5

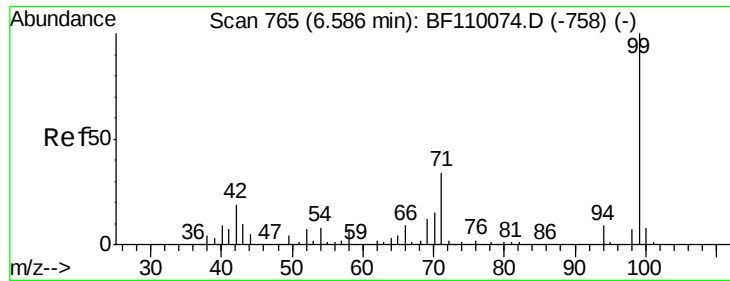
2-Fluorophenol
Concen: 42.213 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Tgt Ion:112 Resp: 217471
Ion Ratio Lower Upper
112 100
64 60.3 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: 26.182 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

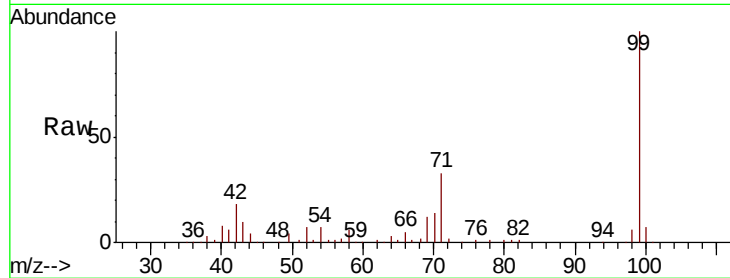
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 172527

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.8	23.6
71	32.6	28.0	42.0

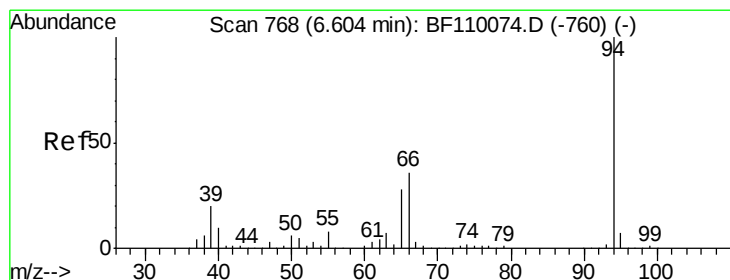
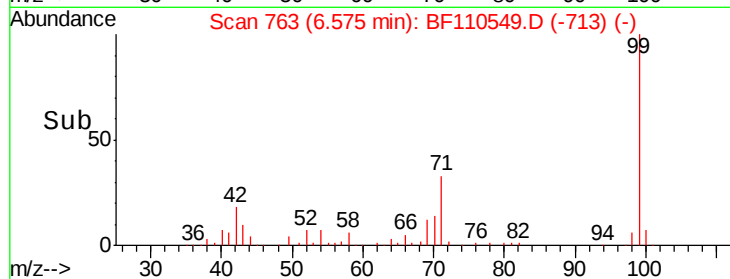
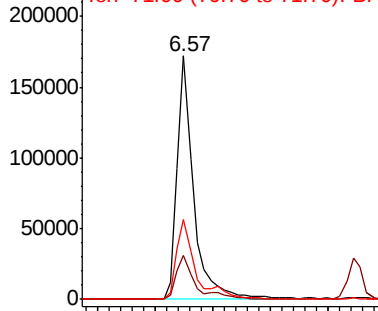


Abundance

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: 2.557 ng

RT: 6.59 min Scan# 765

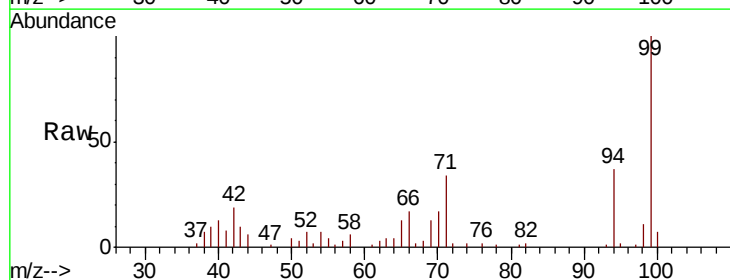
Delta R.T. -0.01 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

Tgt Ion: 94 Resp: 18012

Ion	Ratio	Lower	Upper
94	100		
65	34.4	25.3	65.3
66	46.9	54.5	94.5#

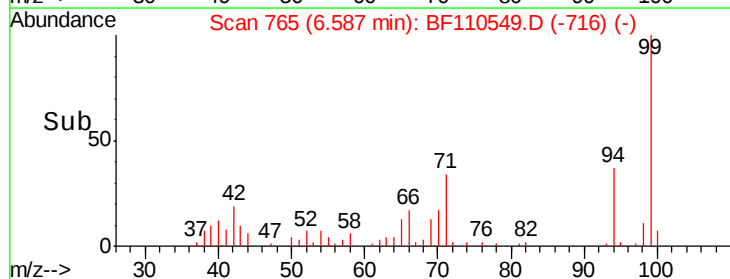
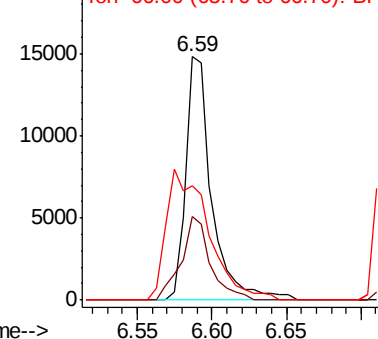


Abundance

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

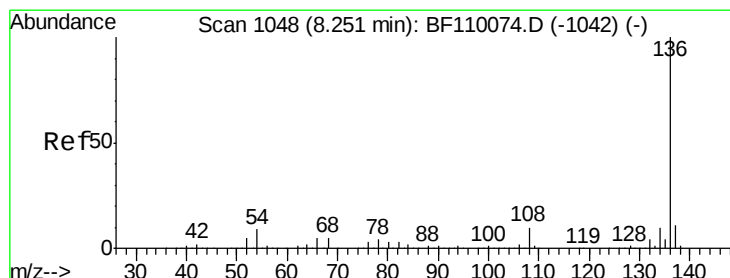
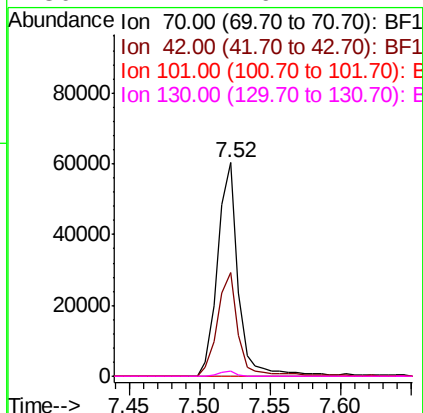
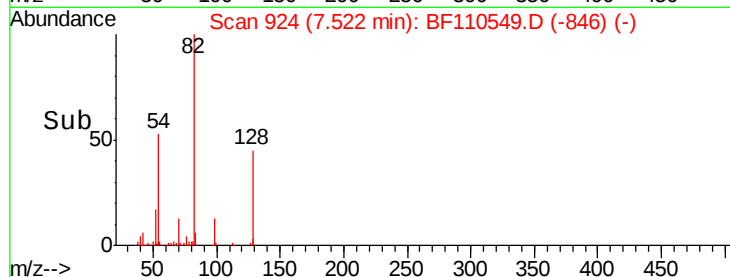
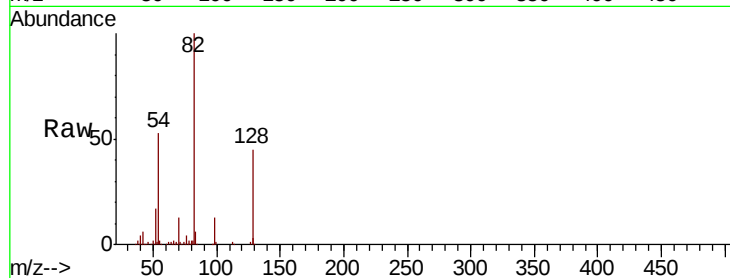




#19
n-Nitroso-di-n-propylamine
Concen: 14.652 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

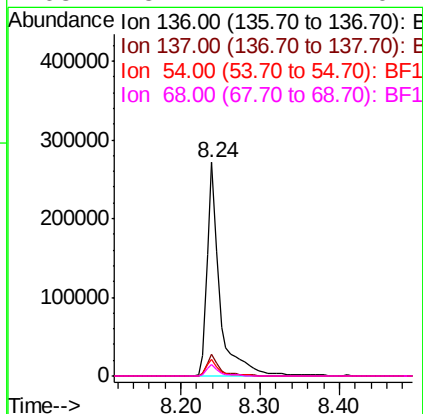
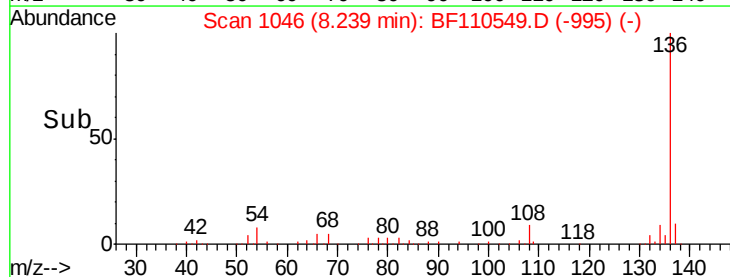
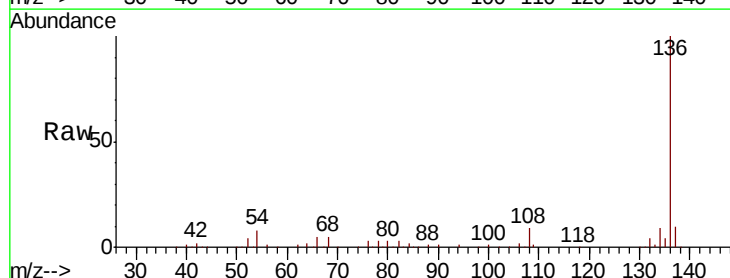
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 61939
Ion Ratio Lower Upper
70 100
42 48.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Tgt Ion: 136 Resp: 305094
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.9 5.4 8.2
68 5.1 4.2 6.2

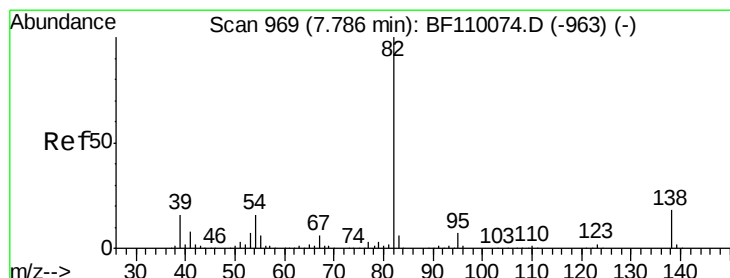
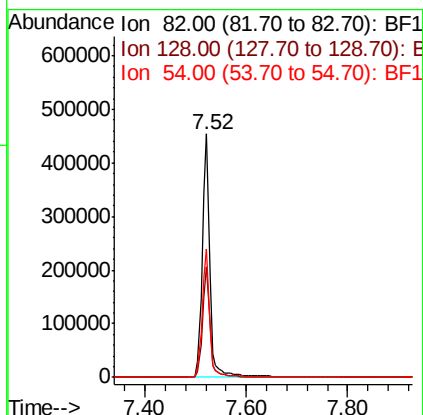
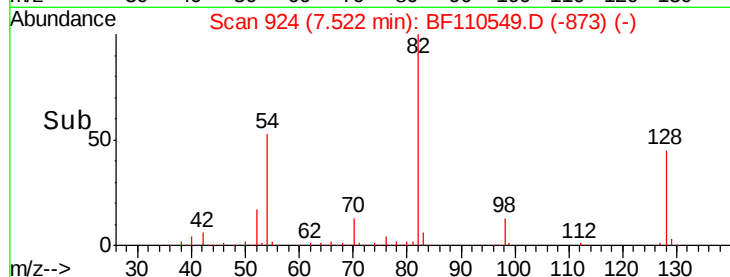
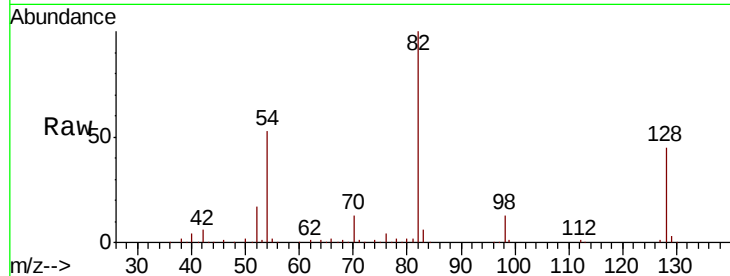




#23
Nitrobenzene-d5
Concen: 92.037 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

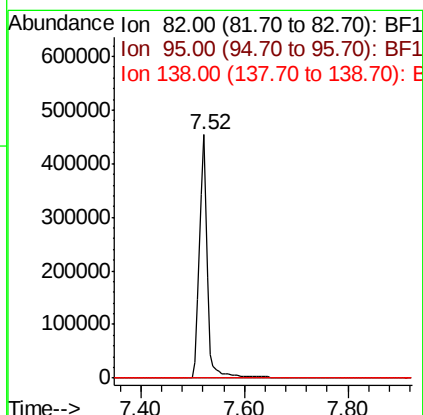
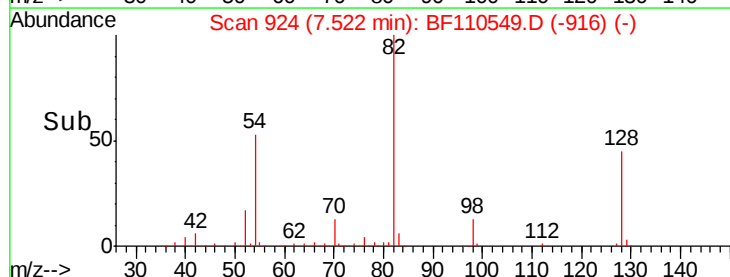
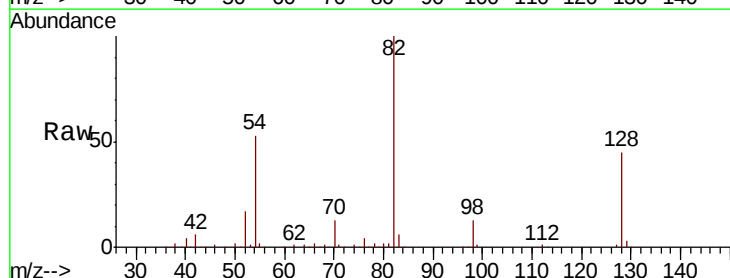
Instrument :
BNA_F
ClientSampled :

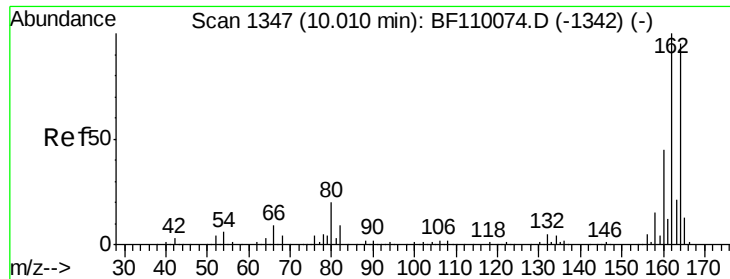
Tot Ion: 82 Resp: 473419
Ion Ratio Lower Upper
82 100
128 45.4 34.2 51.2
54 52.6 38.6 58.0



#25
Isophorone
Concen: 53.993 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Tgt Ion: 82 Resp: 473417
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

Instrument :

BNA_F

ClientSampleId :

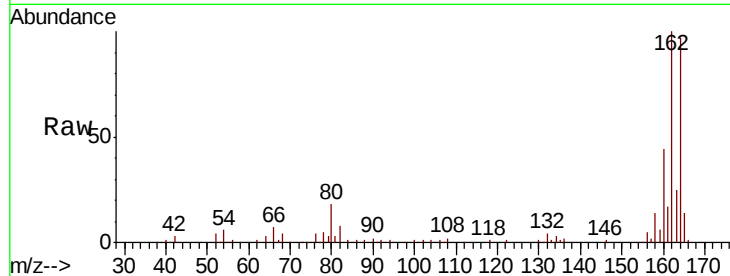
Tot Ion:164 Resp: 118979

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

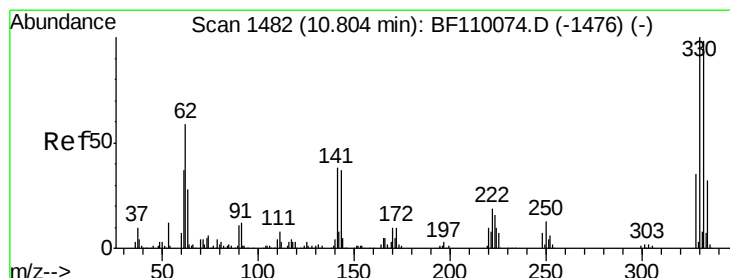
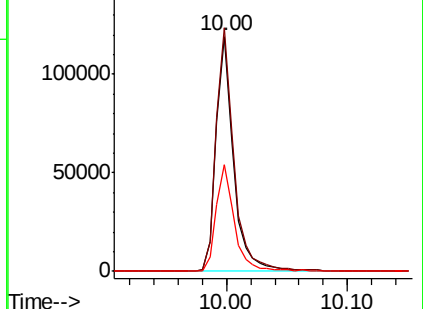
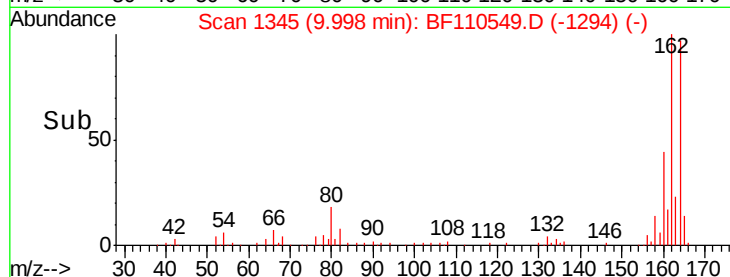
160 45.4 37.0 55.6



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: 77.691 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

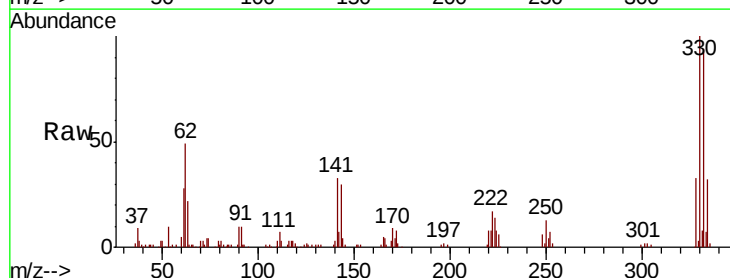
Tgt Ion:330 Resp: 91564

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

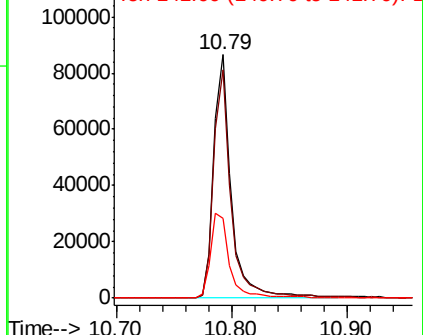
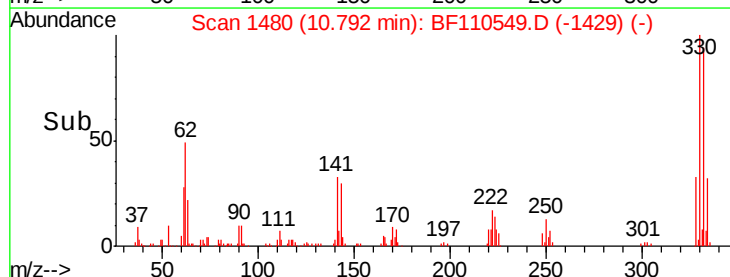
141 37.6 27.0 40.4



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: 109.378 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

Instrument :

BNA_F

ClientSampled :

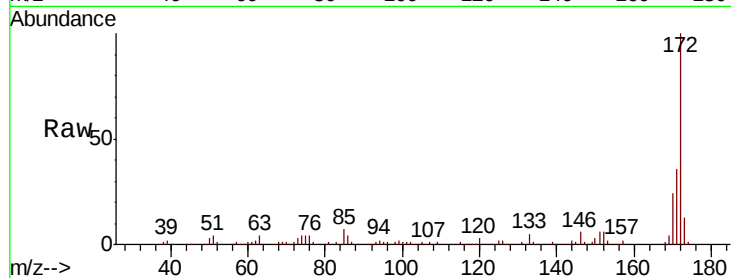
Tot Ion:172 Resp: 828764

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

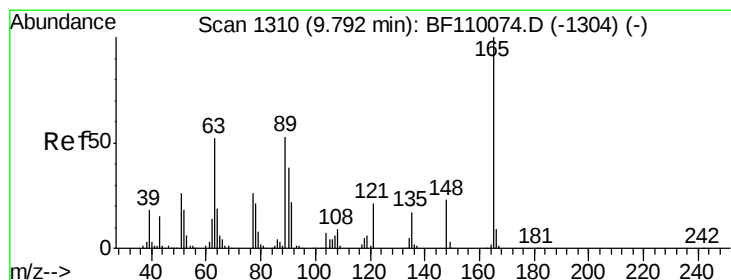
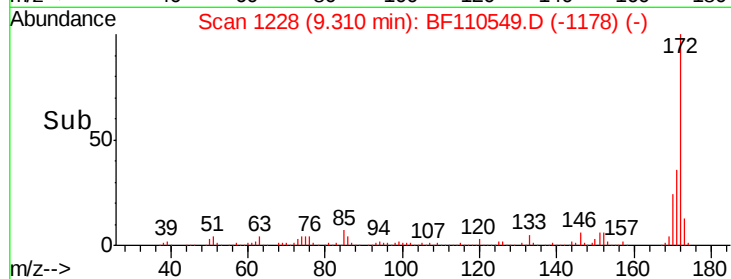
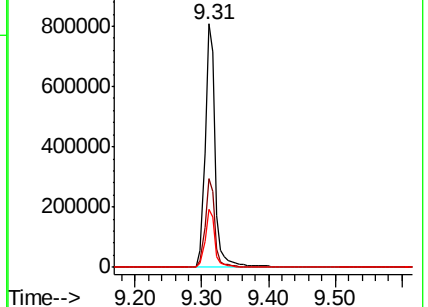
170 23.6 19.7 29.5



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



#51

2,6-Dinitrotoluene

Concen: 7.867 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

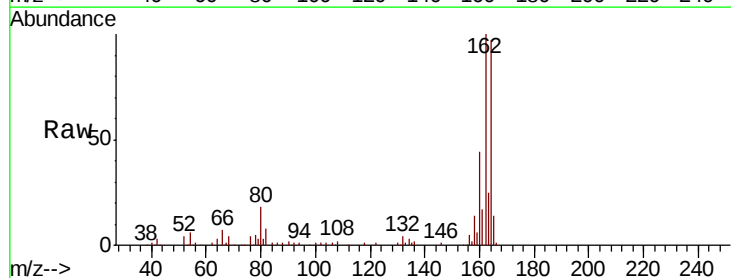
Tgt Ion:165 Resp: 14884

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

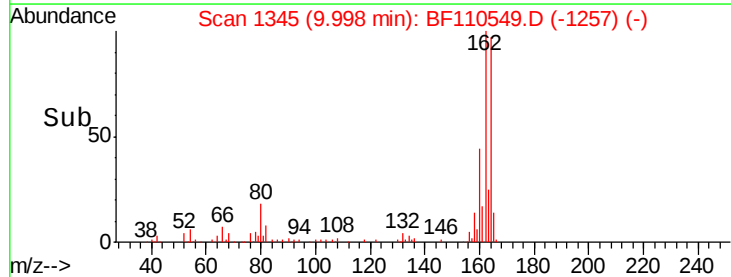
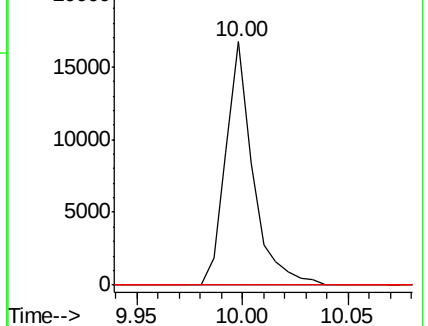
89 0.0 46.6 69.8#



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

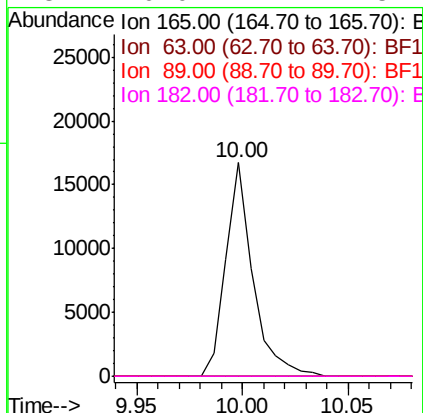
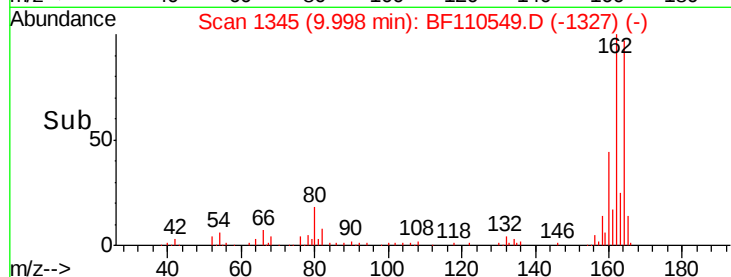
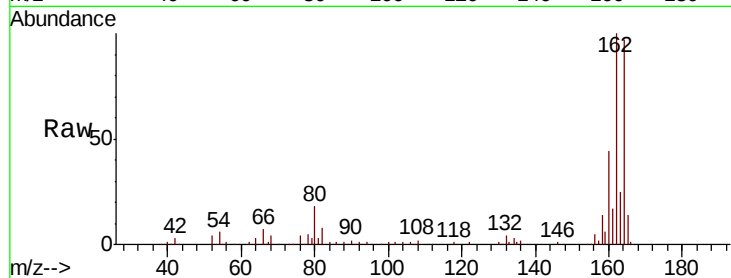




#57
2,4-Dinitrotoluene
Concen: 6.194 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

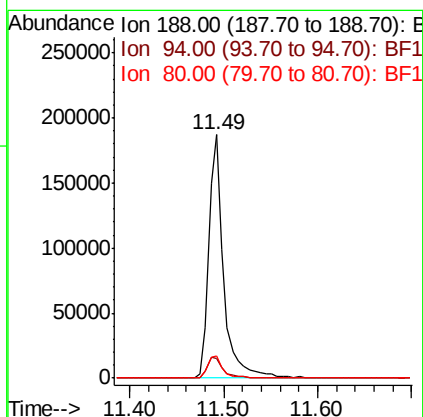
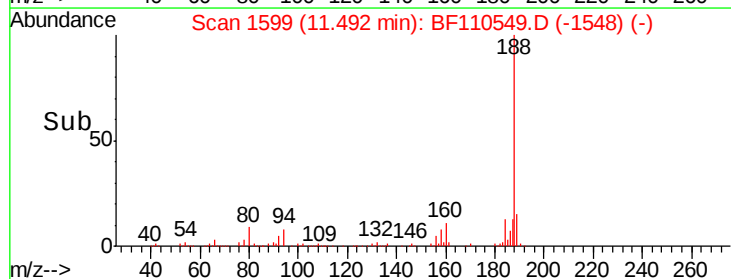
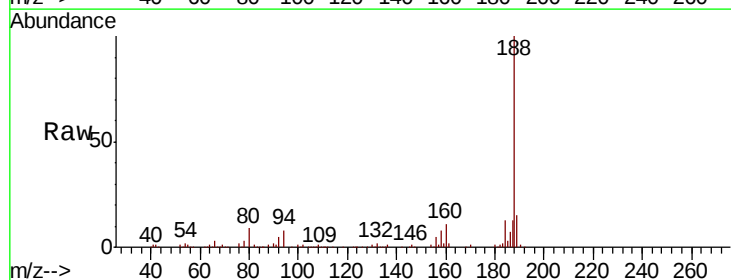
Instrument :
BNA_F
ClientSampled :

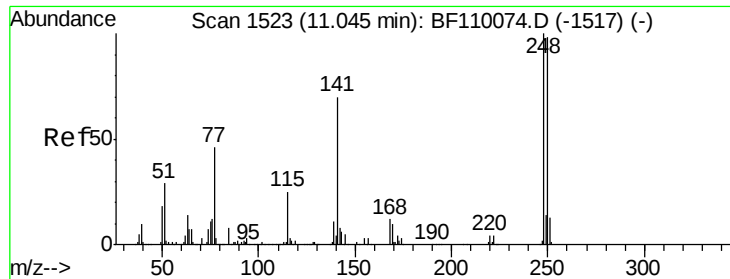
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.1	7.9	11.9

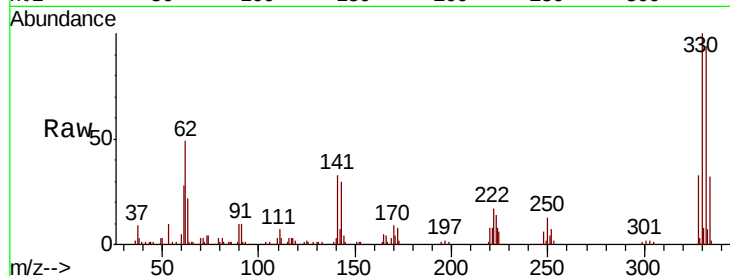




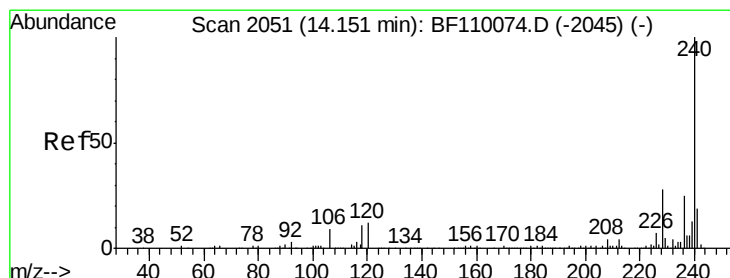
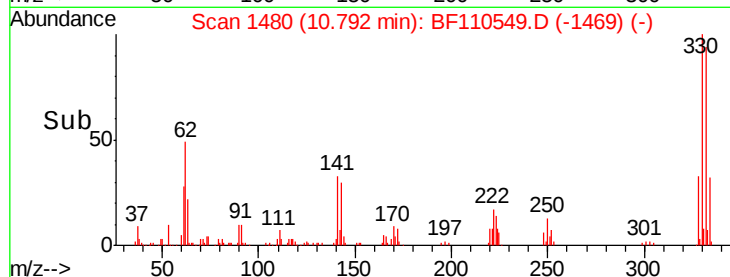
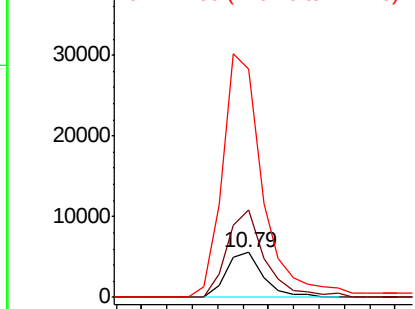
#67
4-Bromophenyl-phenylether
Concen: 2.531 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5698
Ion Ratio Lower Upper
248 100
250 194.9 79.4 119.2#
141 509.6 55.9 83.9#

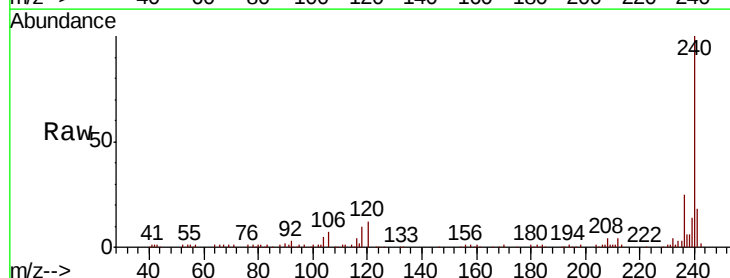


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

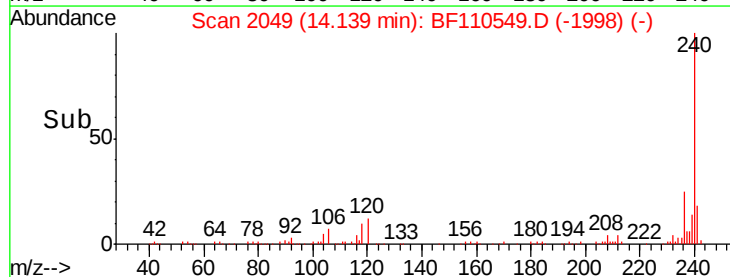
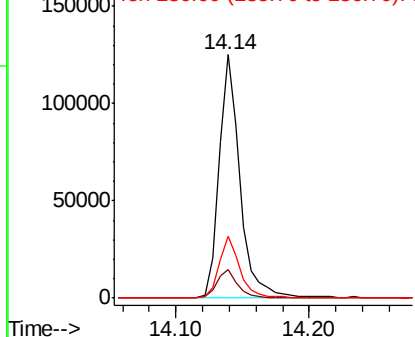


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110549.D
Acq: 7 Nov 2018 8:00

Tgt Ion:240 Resp: 138583
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.3 21.2 31.8



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





#79

Terphenyl-d14

Concen: 105.015 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

Instrument :

BNA_F

ClientSampleId :

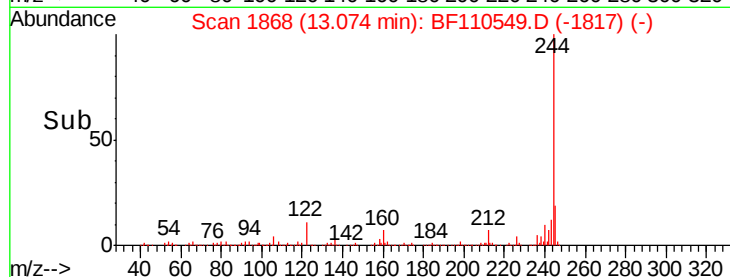
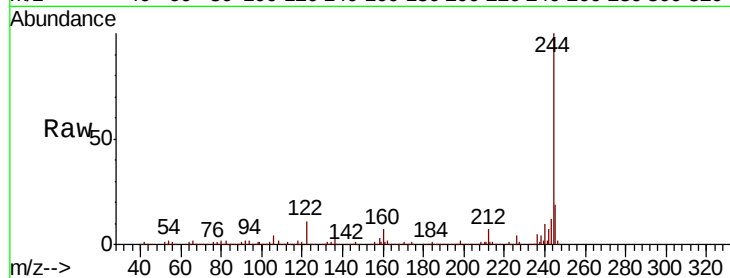
Tot Ion:244 Resp: 699778

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

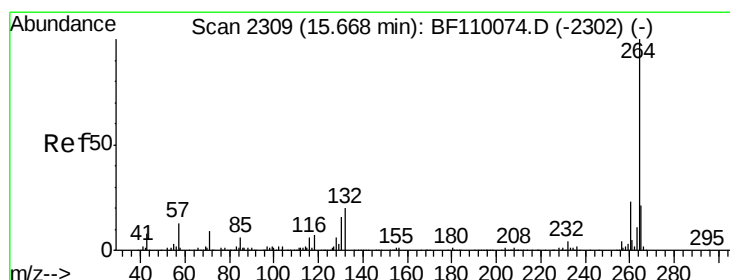
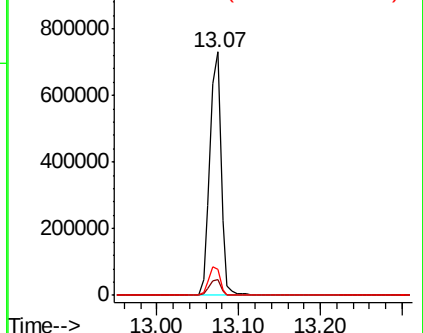
122 10.7 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110549.D

Acq: 7 Nov 2018 8:00

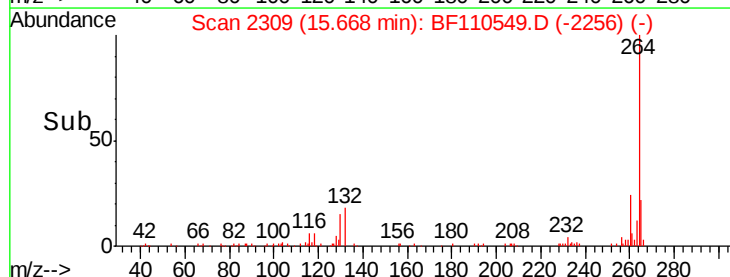
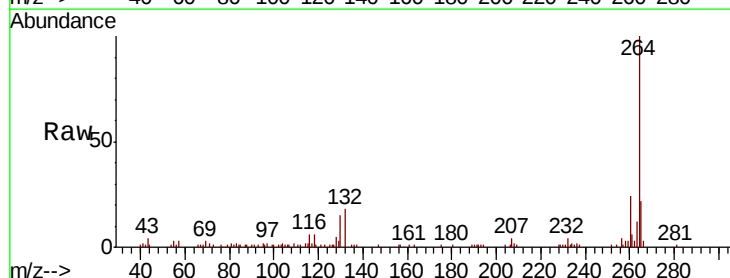
Tgt Ion:264 Resp: 99500

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.4 16.7 25.1



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

