

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110160.D
 Acq On : 25 Oct 2018 14:33
 Operator : JU/SJ
 Sample : J5575-06RX
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:27:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

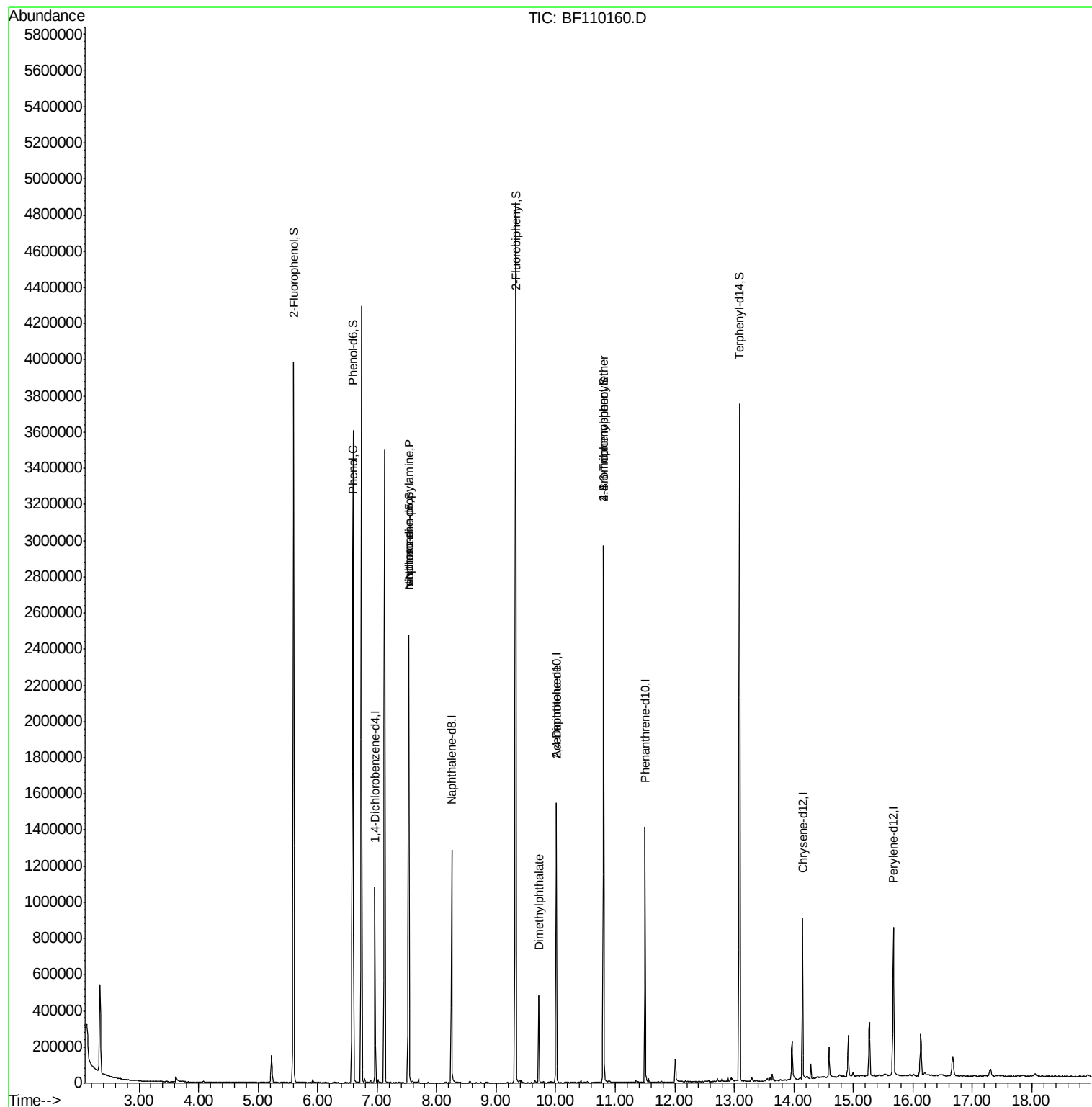
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156187	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	622927	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	296630	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	525076	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	278800	20.00	ng	-0.02
87) Perylene-d12	15.67	264	268695	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1160159	120.96	ng	0.00
7) Phenol-d6	6.59	99	1499839	122.26	ng	-0.01
23) Nitrobenzene-d5	7.53	82	949814	90.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	352597	120.00	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1611118	85.29	ng	-0.01
79) Terphenyl-d14	13.09	244	1302227	97.14	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	3447	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	133853	10.207 ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	126504	16.074 ng	#	78
25) Isophorone	7.53	82	946916	52.893 ng	#	67
50) Dimethylphthalate	9.72	163	207796	9.490 ng		99
57) 2,4-Dinitrotoluene	10.01	165	36877	6.155 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	22991	4.037 ng	#	1

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

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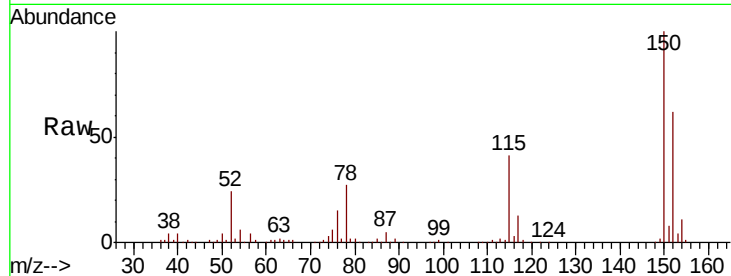


#1

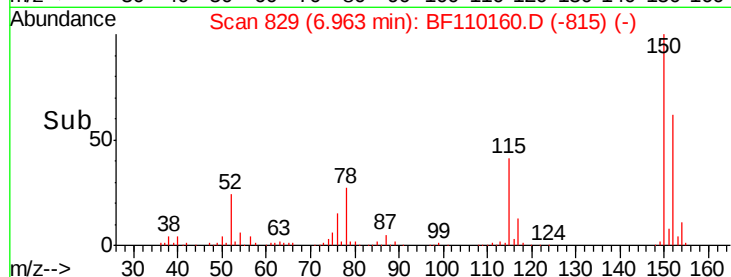
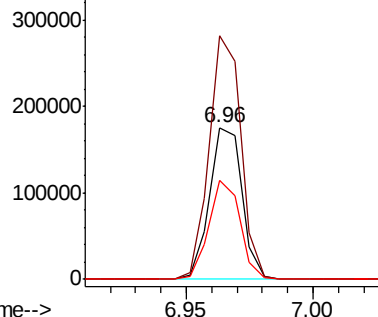
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.7	184.1
115	65.4	49.1	73.7



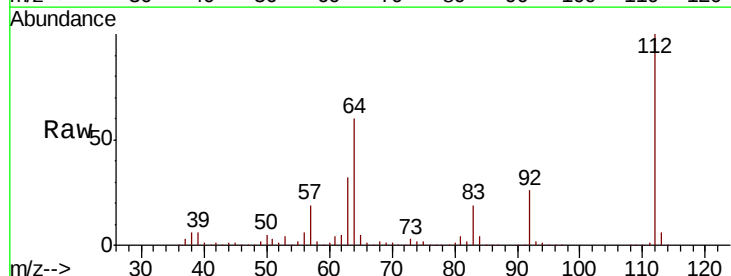
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



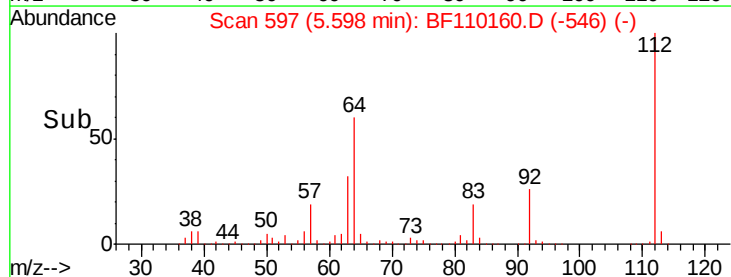
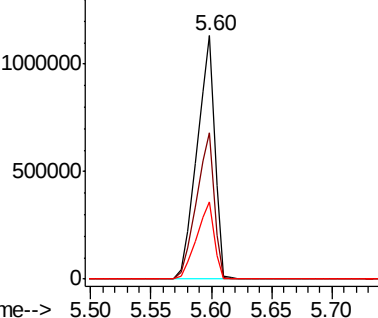
#5

2-Fluorophenol
Concen: 120.962 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	32.0	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: 122.258 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110160.D

Acq: 25 Oct 2018 14:33

Instrument :

BNA_F

ClientSampleId :

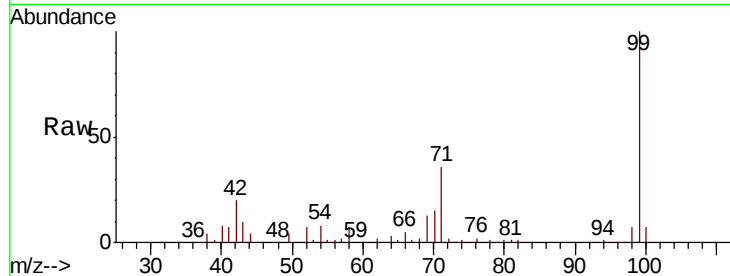
Tot Ion: 99 Resp: 1499839

Ion Ratio Lower Upper

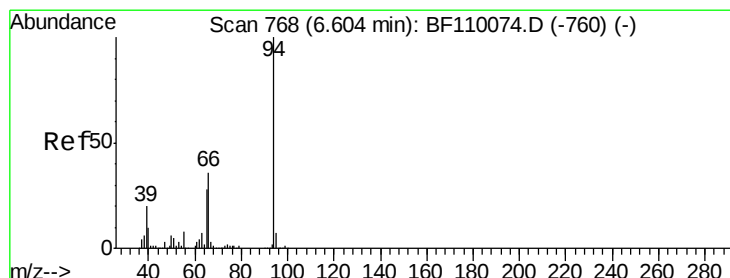
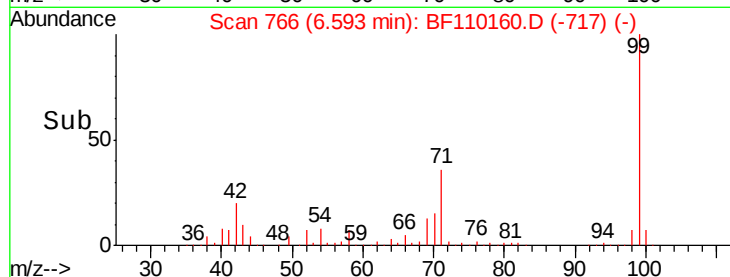
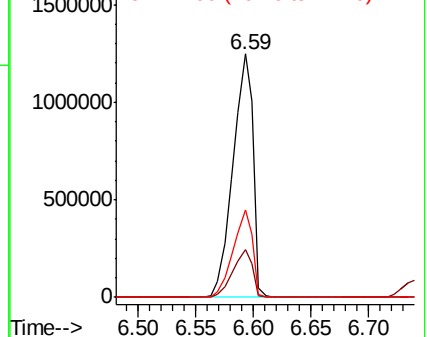
99 100

42 19.6 15.8 23.6

71 35.7 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: 10.207 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110160.D

Acq: 25 Oct 2018 14:33

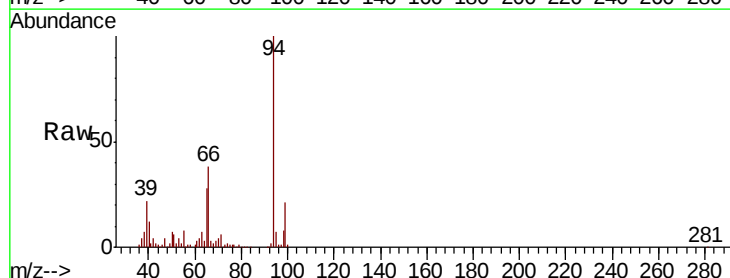
Tgt Ion: 94 Resp: 133853

Ion Ratio Lower Upper

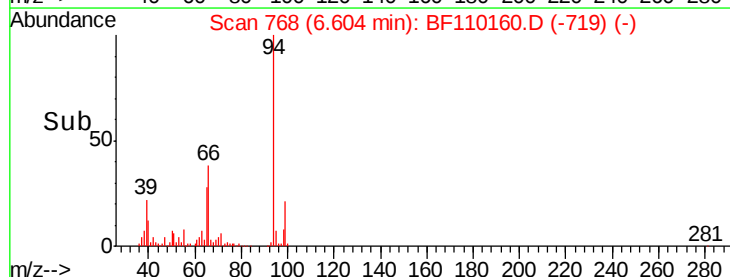
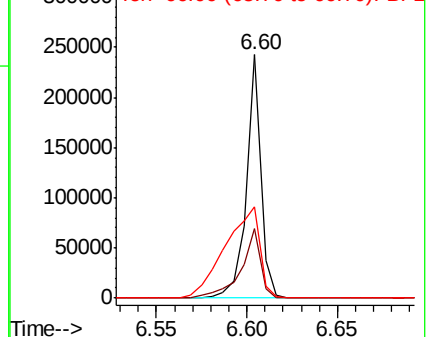
94 100

65 28.3 25.3 65.3

66 37.6 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

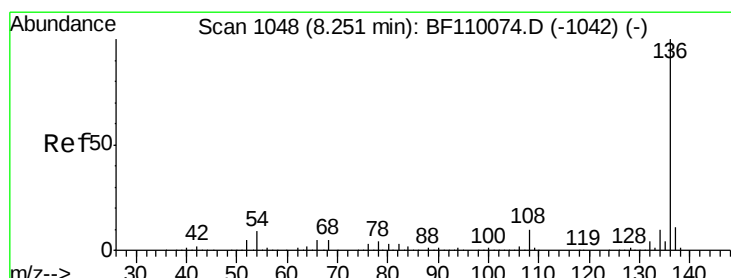
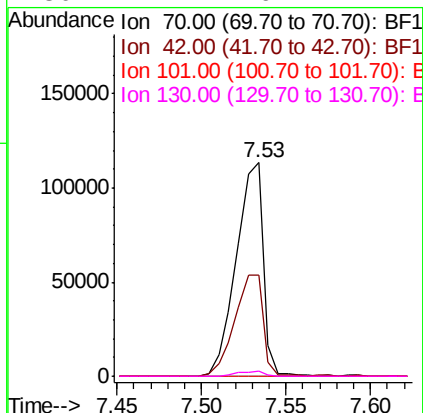
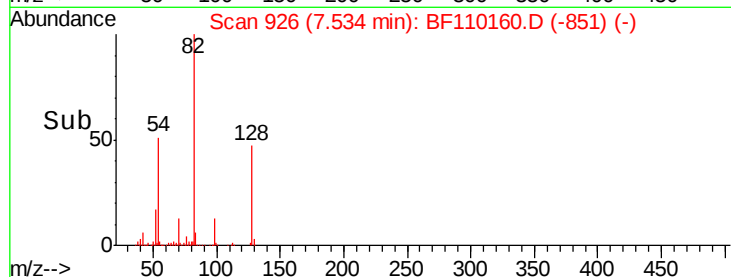
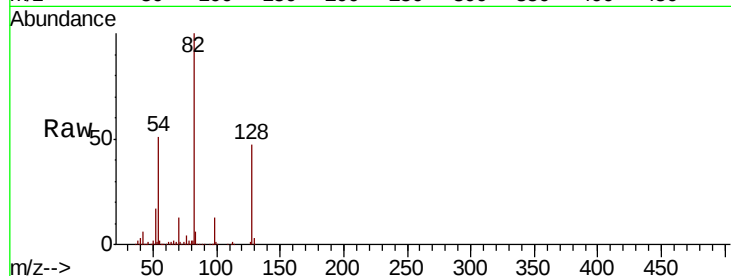




#19
n-Nitroso-di-n-propylamine
Concen: 16.074 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

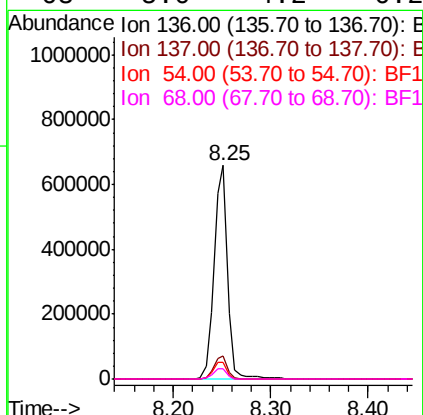
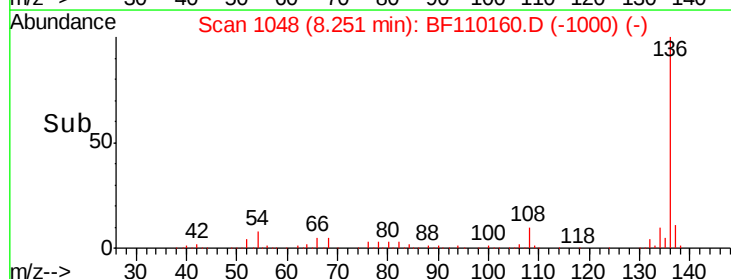
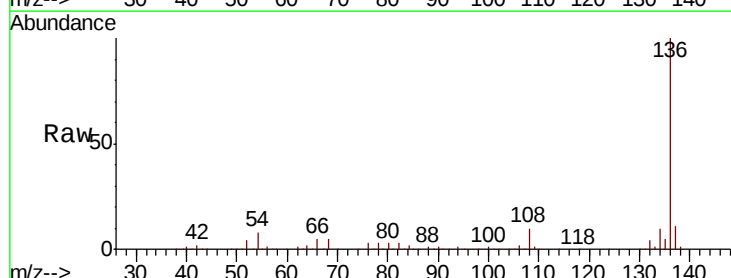
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 126504
Ion Ratio Lower Upper
70 100
42 47.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Tgt Ion: 136 Resp: 622927
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.4 8.2
68 5.0 4.2 6.2

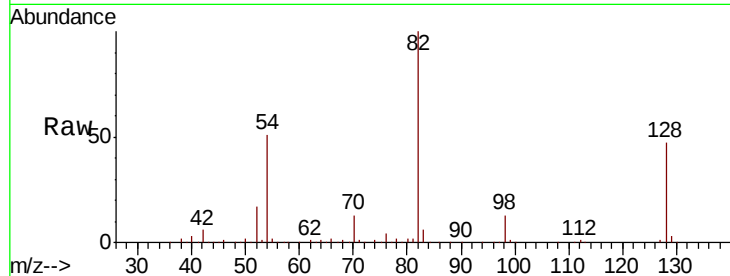




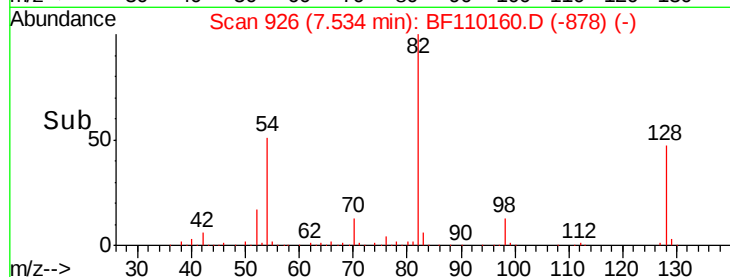
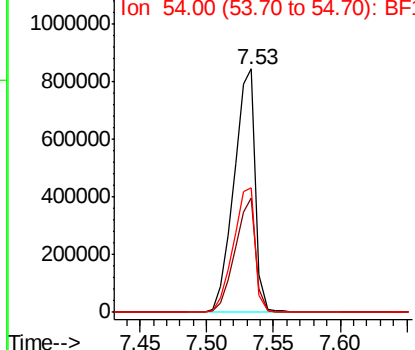
#23
Nitrobenzene-d5
Concen: 90.438 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	51.2	38.6	58.0

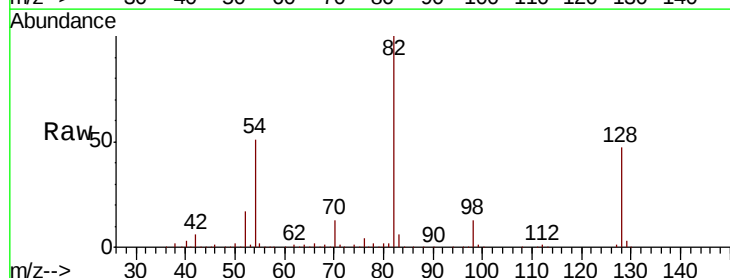


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

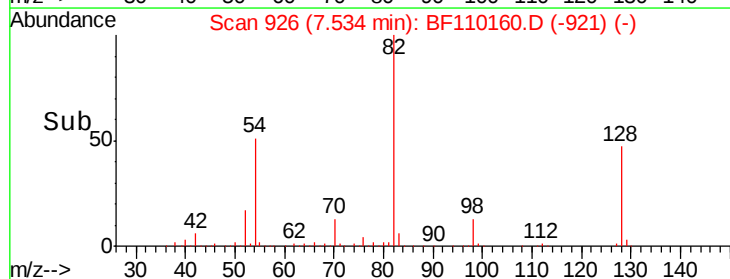
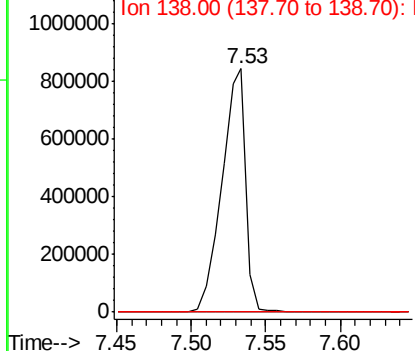


#25
Isophorone
Concen: 52.893 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

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



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110160.D

Acq: 25 Oct 2018 14:33

Instrument :

BNA_F

ClientSampleId :

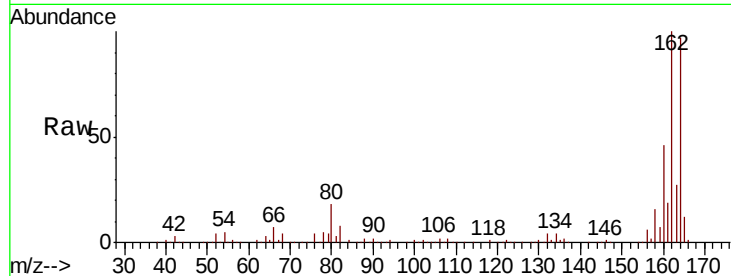
Tot Ion:164 Resp: 296630

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

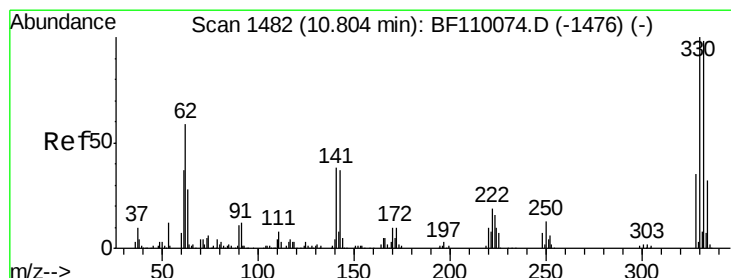
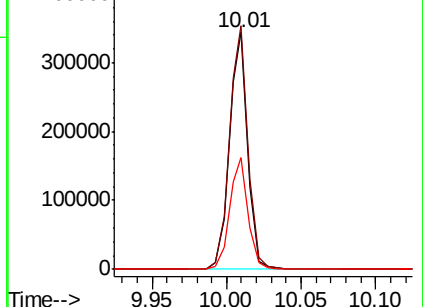
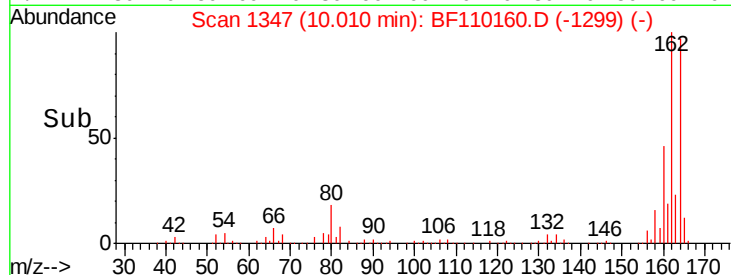
160 47.2 37.0 55.6



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: 120.000 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110160.D

Acq: 25 Oct 2018 14:33

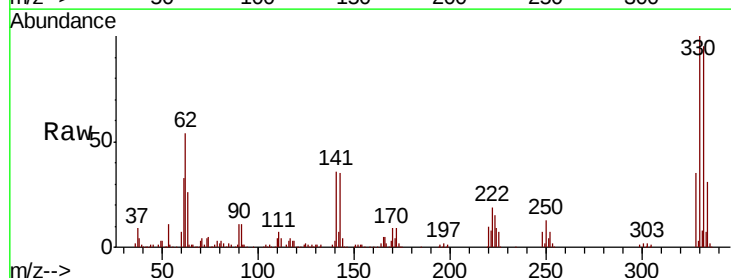
Tgt Ion:330 Resp: 352597

Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

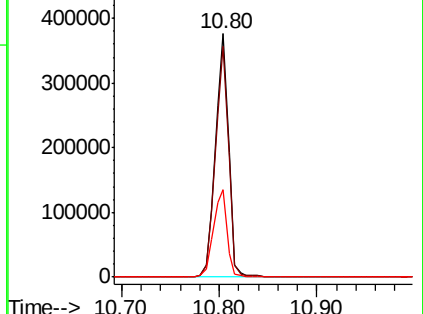
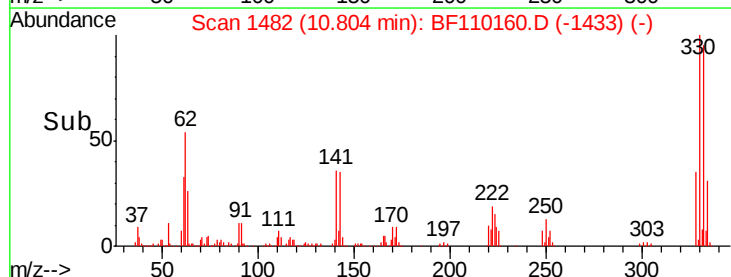
141 37.1 27.0 40.4

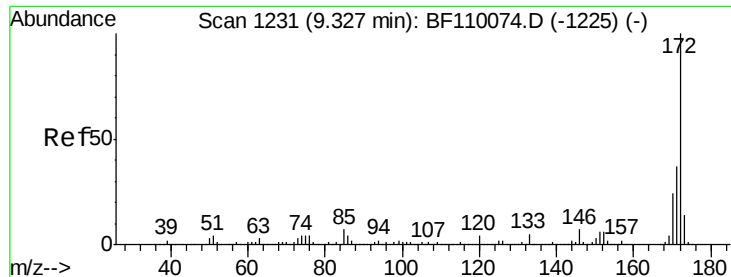


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

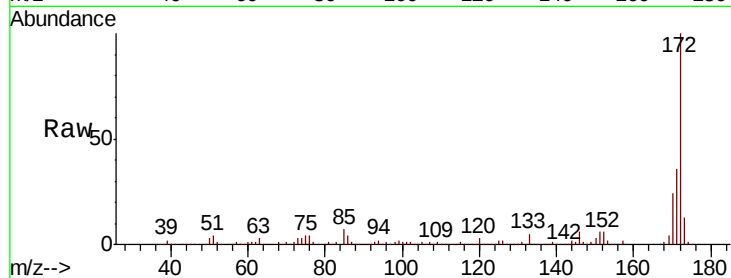




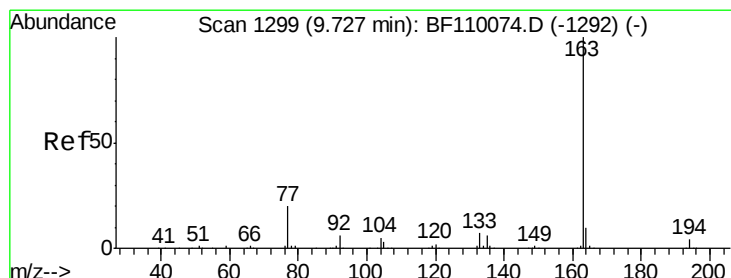
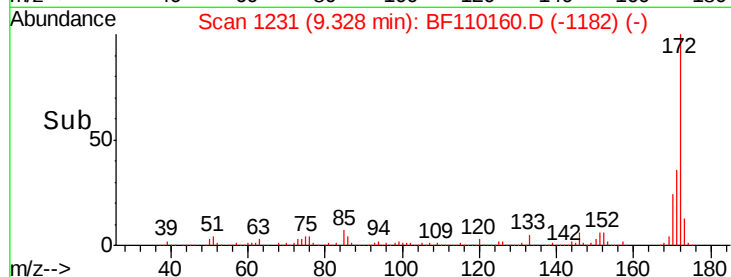
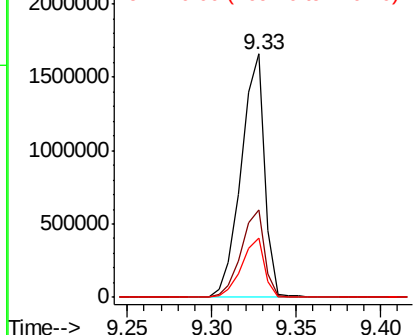
#45
2-Fluorobiphenyl
Concen: 85.287 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1611118
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.2 19.7 29.5

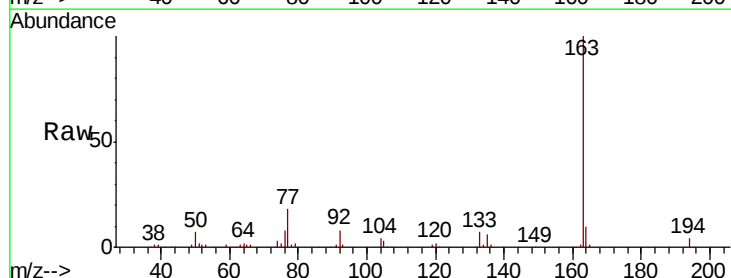


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

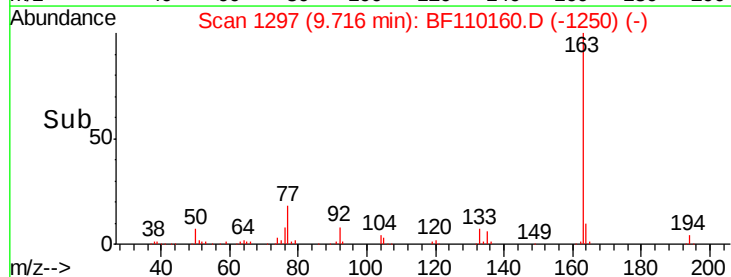
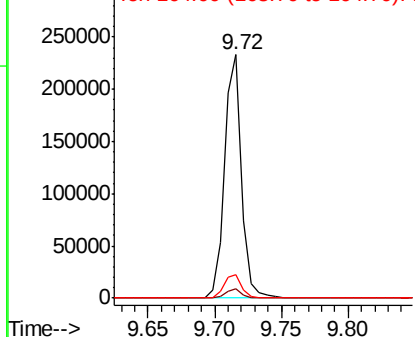


#50
Dimethylphthalate
Concen: 9.490 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Tgt Ion:163 Resp: 207796
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.8 8.1 12.1



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

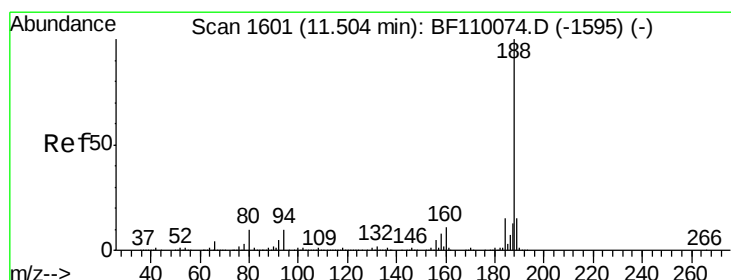
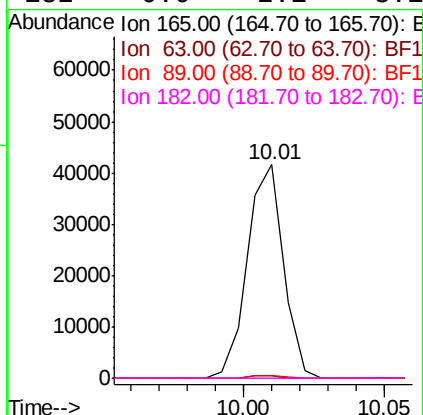
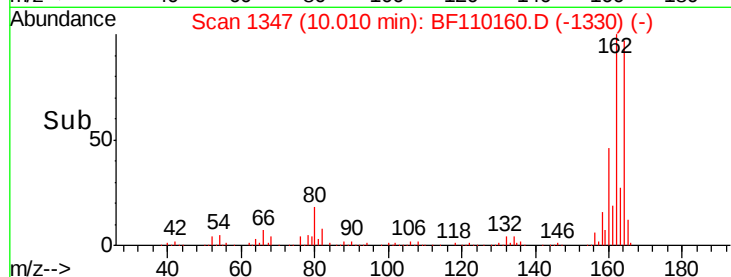
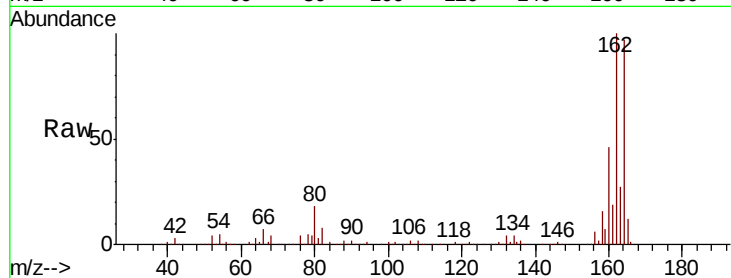




#57
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

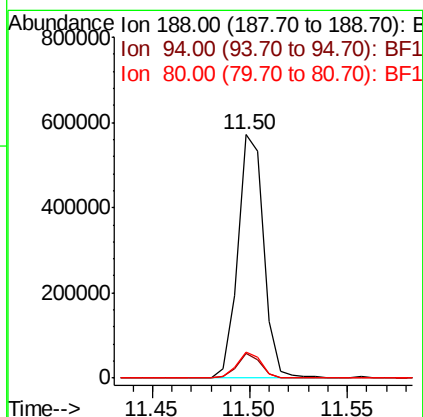
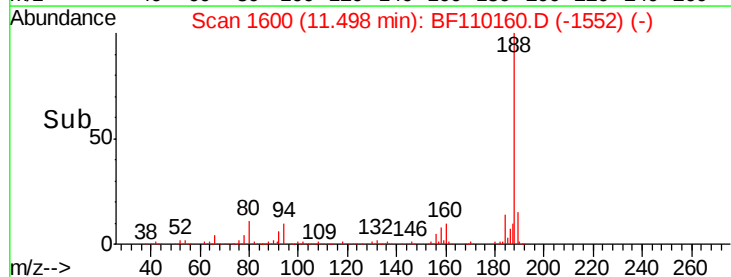
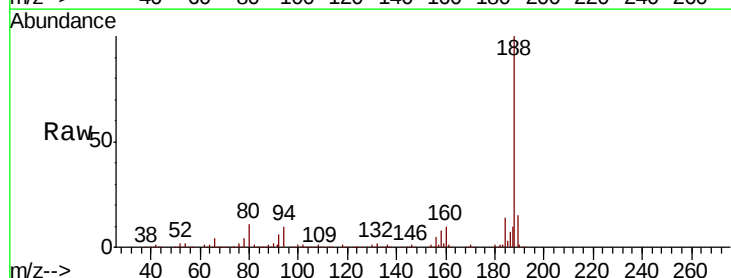
Instrument :
BNA_F
ClientSampleId :

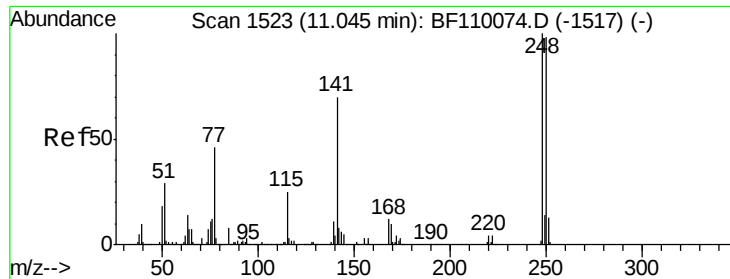
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.8	7.9	11.9

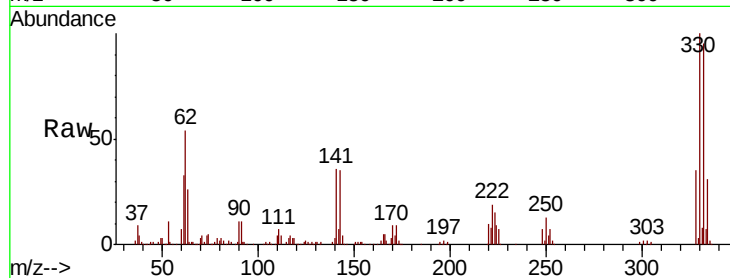




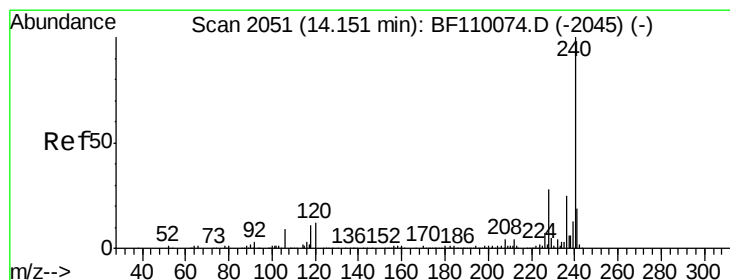
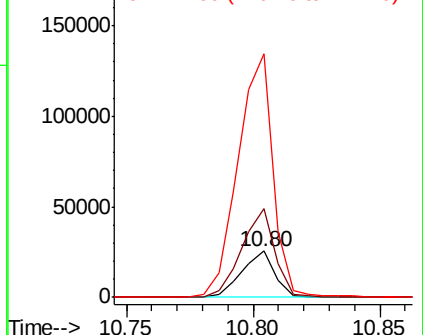
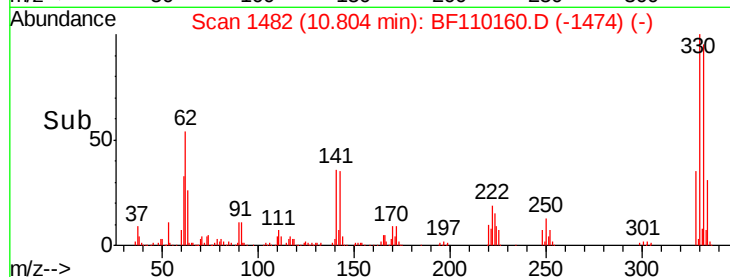
#67
4-Bromophenyl-phenylether
Concen: 4.037 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22991
Ion Ratio Lower Upper
248 100
250 192.1 79.4 119.2#
141 524.1 55.9 83.9#

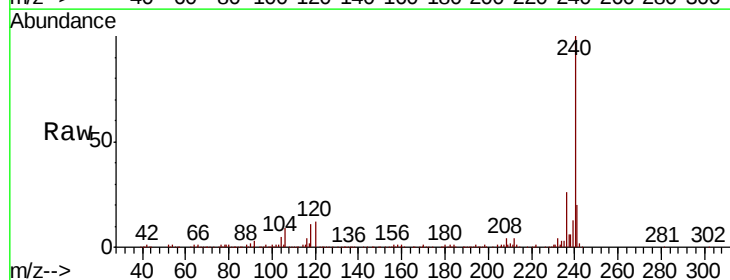


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

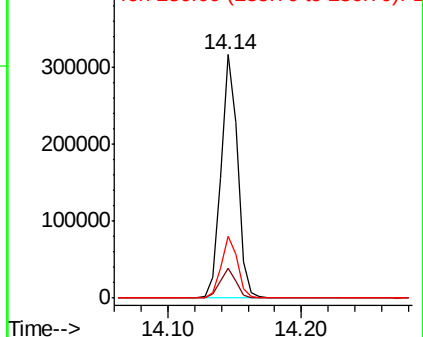
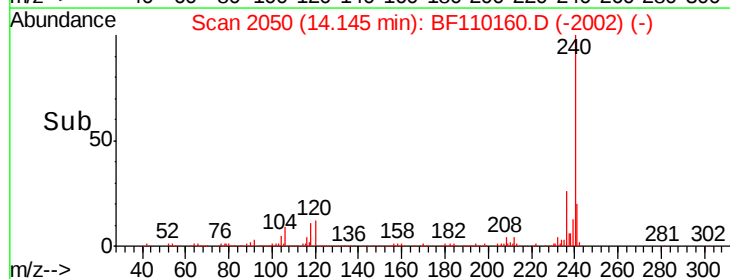


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110160.D
Acq: 25 Oct 2018 14:33

Tgt Ion:240 Resp: 278800
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 25.5 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: 97.140 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110160.D

Acq: 25 Oct 2018 14:33

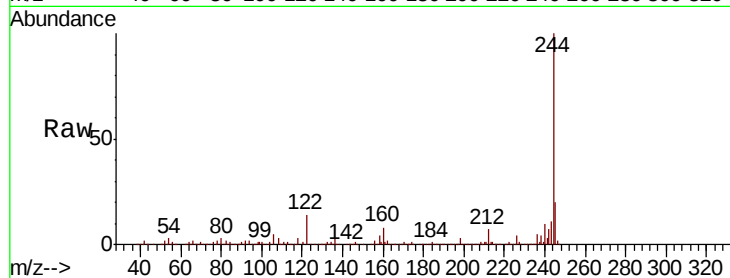
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1302227

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.6	8.7	13.1

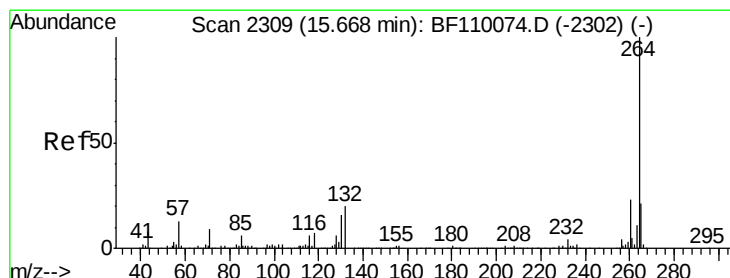
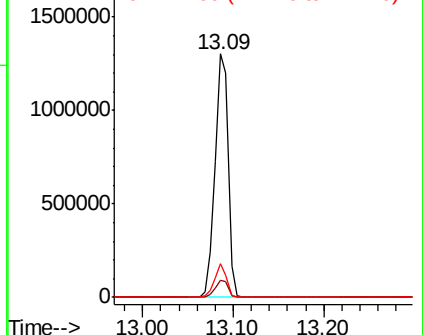
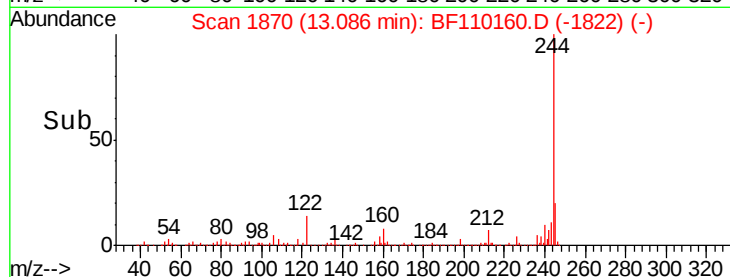


Abundance

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# 2310

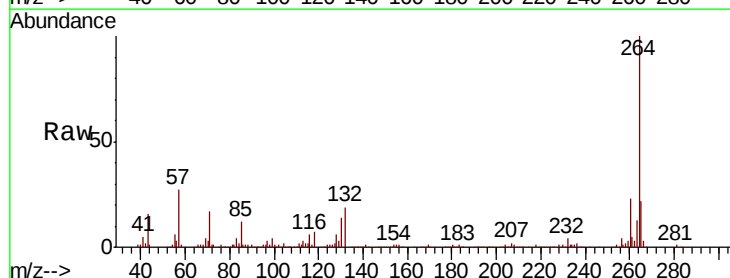
Delta R.T. -0.02 min

Lab File: BF110160.D

Acq: 25 Oct 2018 14:33

Tgt Ion:264 Resp: 268695

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.8	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

