

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110336.D
 Acq On : 31 Oct 2018 16:47
 Operator : JU/SJ
 Sample : J5205-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:42:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

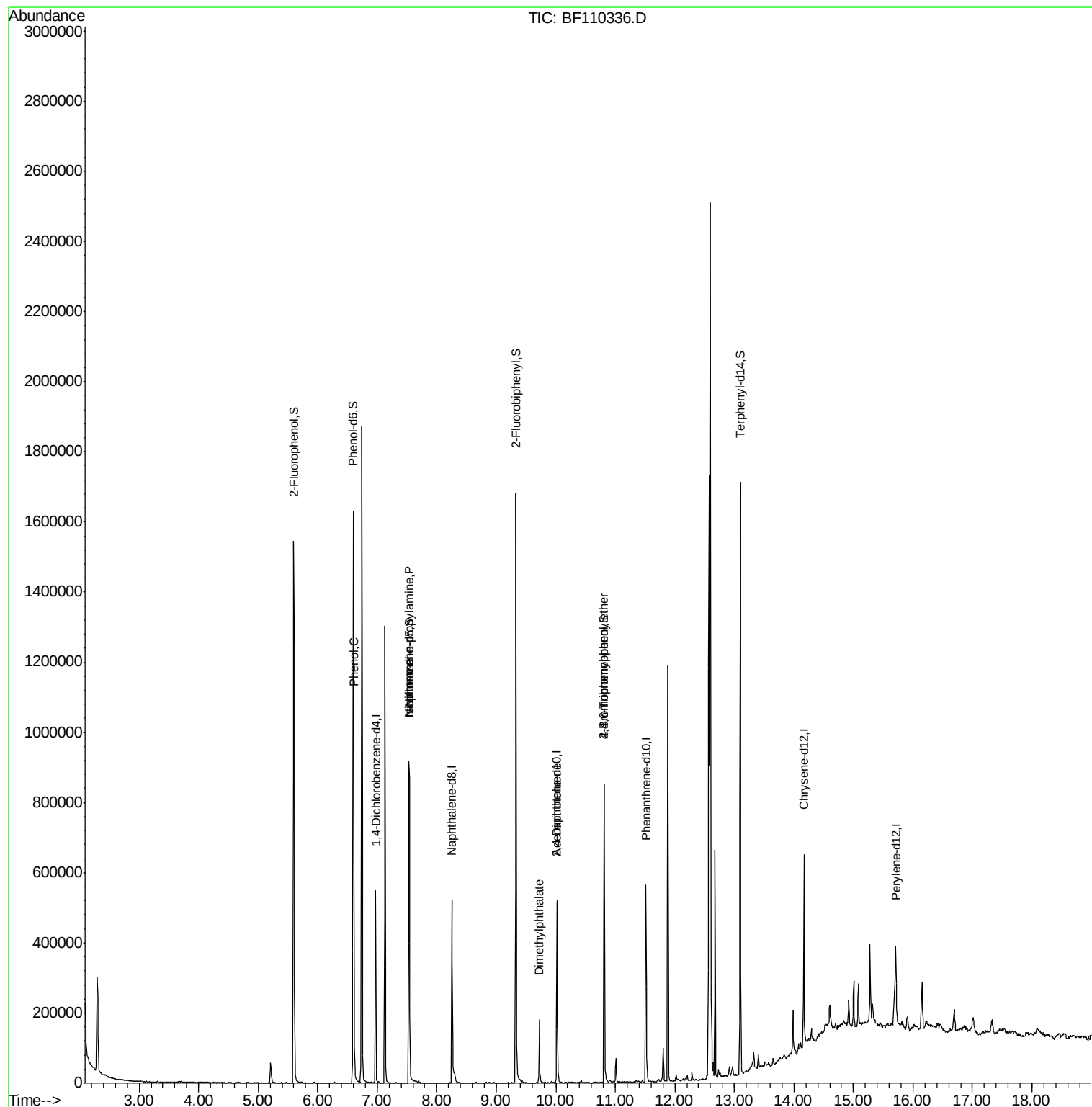
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	71895	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	271988	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	112555	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	205764	20.00	ng	0.00
76) Chrysene-d12	14.17	240	185351	20.00	ng	0.00
87) Perylene-d12	15.71	264	112282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	445860	100.99	ng	0.00
7) Phenol-d6	6.60	99	532150	94.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	315393	68.78	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	105759	94.86	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	575517	80.29	ng	0.00
79) Terphenyl-d14	13.10	244	558231	62.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1032	Below Cal	Qvalue	# 1
10) Phenol	6.61	94	36450	6.039 ng	#	67
19) n-Nitroso-di-n-propylamine	7.53	70	42782	11.809 ng	#	81
25) Isophorone	7.53	82	315387	40.348 ng	#	67
50) Dimethylphthalate	9.72	163	77886	9.374 ng		100
57) 2,4-Dinitrotoluene	10.02	165	14165	6.231 ng	#	17
67) 4-Bromophenyl-phenylether	10.81	248	6482	2.904 ng	#	1

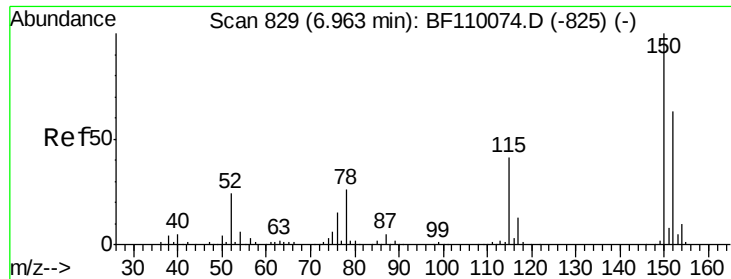
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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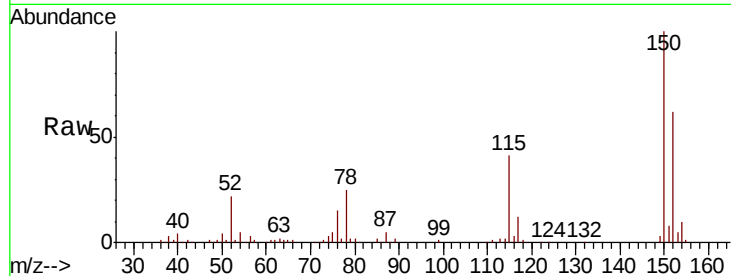


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110336.D
Acq: 31 Oct 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.7	184.1
115	64.9	49.1	73.7

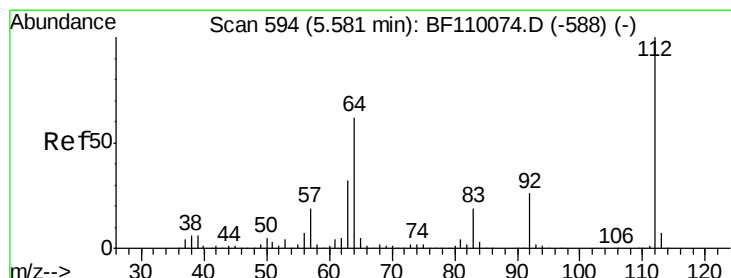
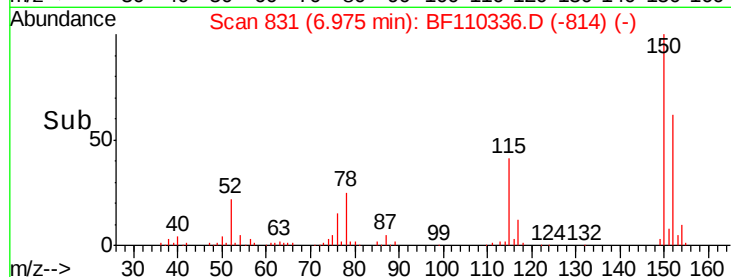
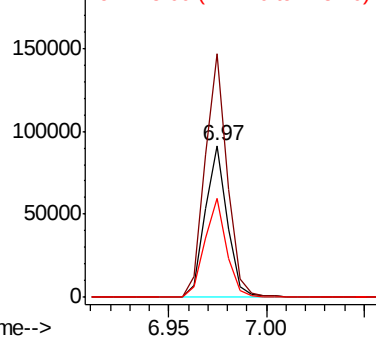


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

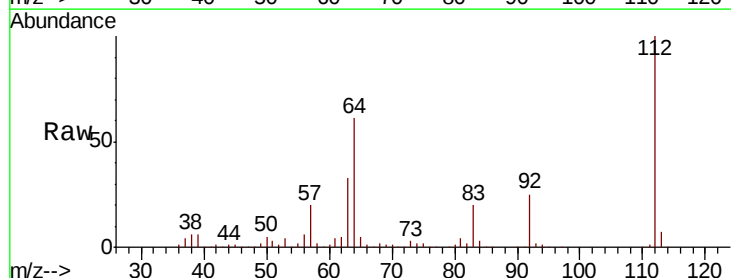
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.989 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110336.D
Acq: 31 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	33.1	23.7	35.5

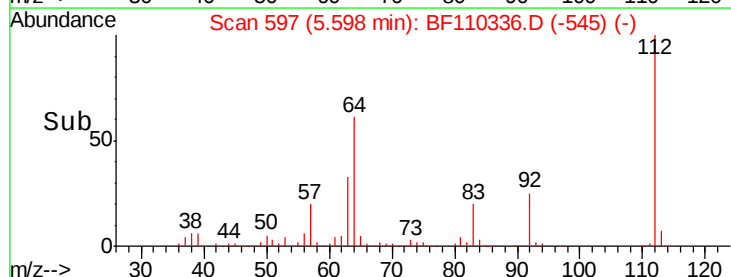
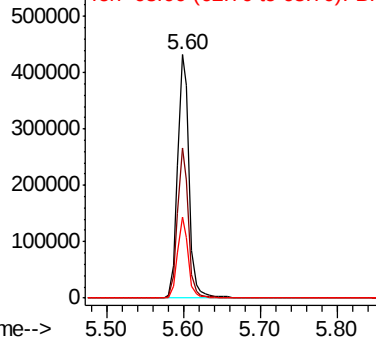


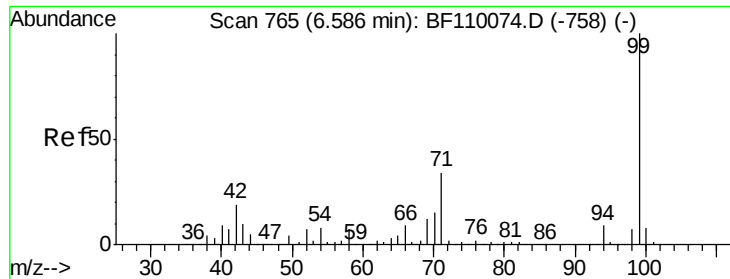
Abundance

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: 94.235 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110336.D

Acq: 31 Oct 2018 16:47

Instrument :

BNA_F

ClientSampleId :

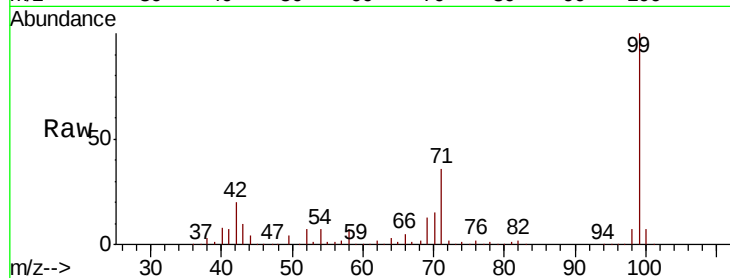
Tot Ion: 99 Resp: 532150

Ion Ratio Lower Upper

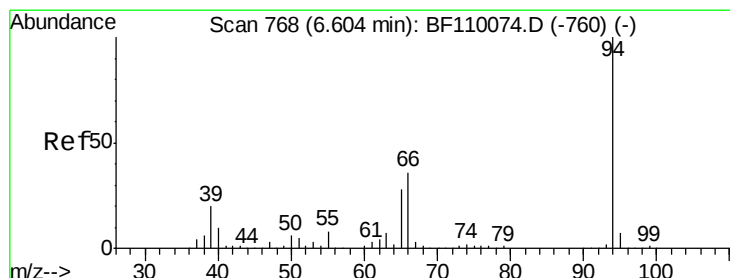
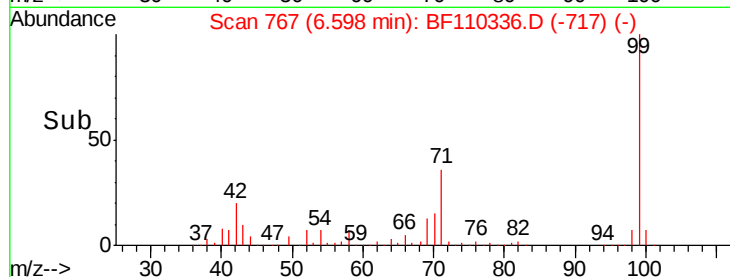
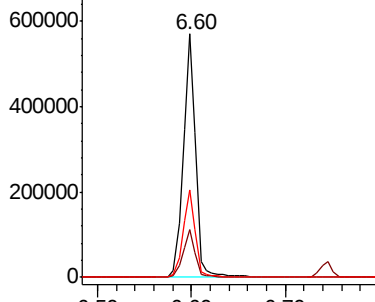
99 100

42 19.5 15.8 23.6

71 35.9 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: 6.039 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110336.D

Acq: 31 Oct 2018 16:47

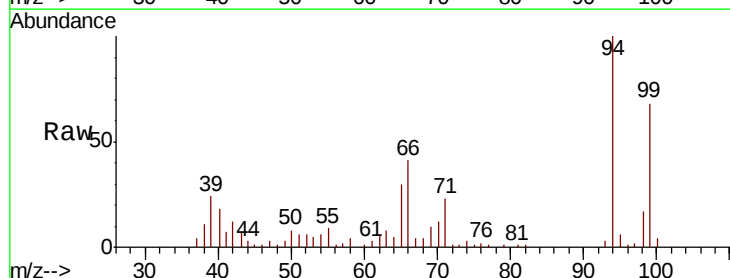
Tgt Ion: 94 Resp: 36450

Ion Ratio Lower Upper

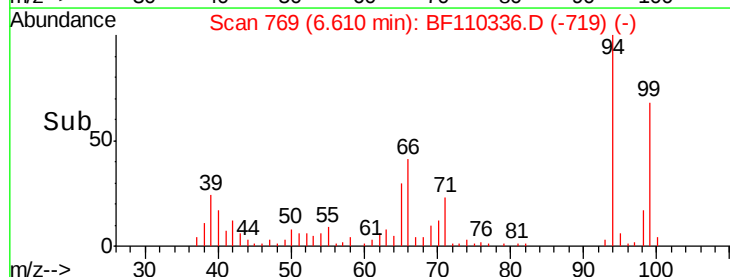
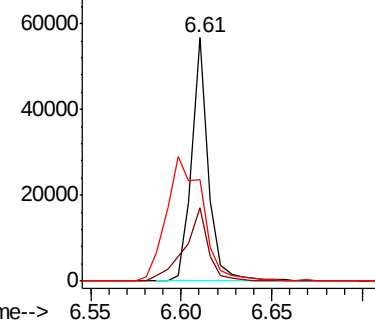
94 100

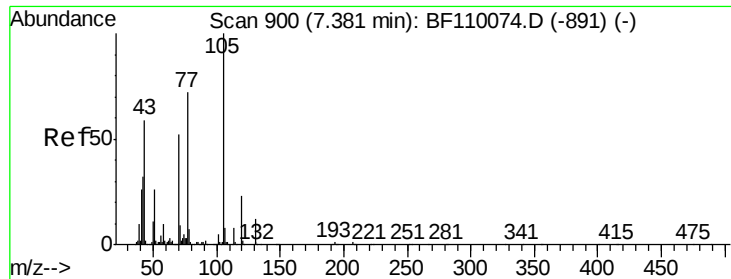
65 30.4 25.3 65.3

66 41.5 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

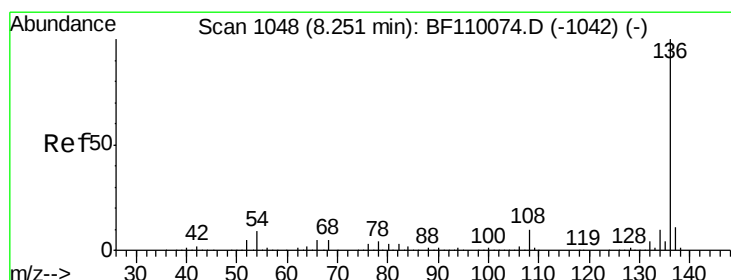
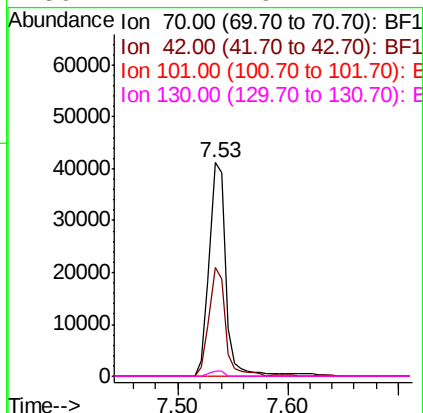
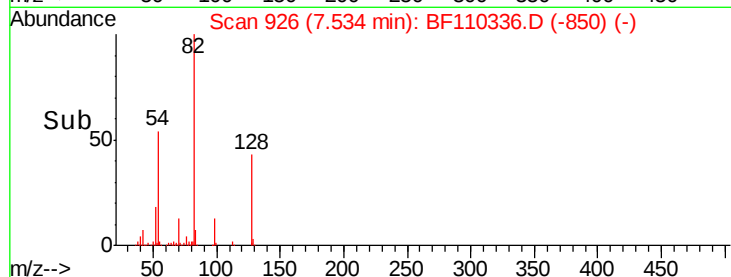
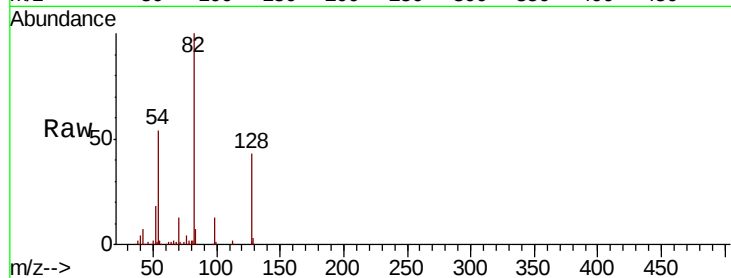




#19
n-Nitroso-di-n-propylamine
Concen: 11.809 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110336.D
Acq: 31 Oct 2018 16:47

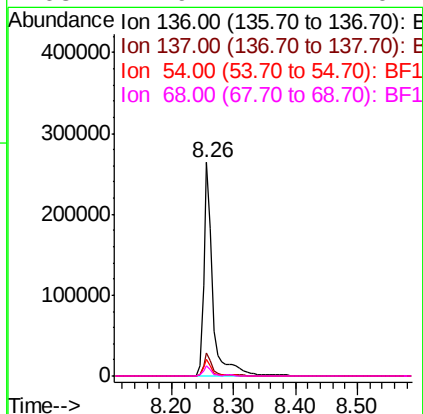
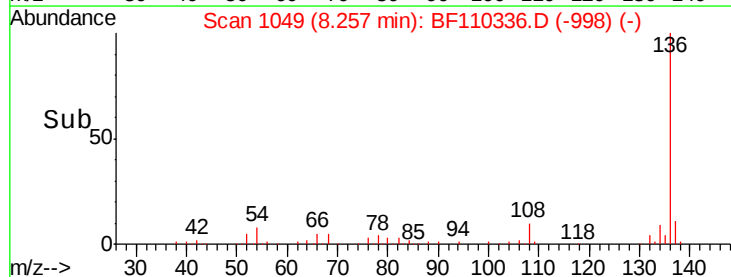
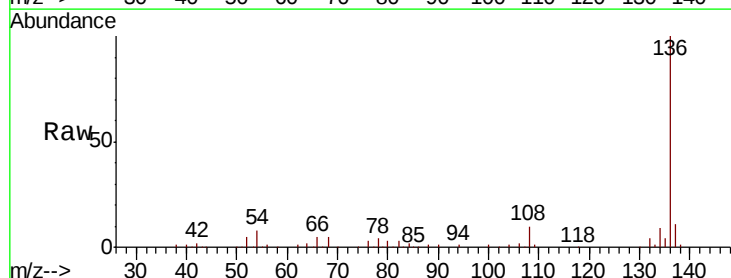
Instrument :
BNA_F
ClientSampleId :

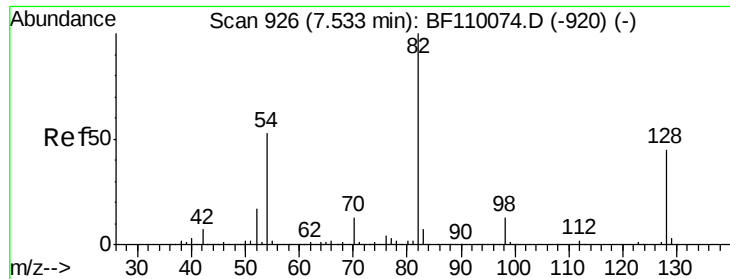
Tot Ion: 70 Resp: 42782
Ion Ratio Lower Upper
70 100
42 51.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110336.D
Acq: 31 Oct 2018 16:47

Tgt Ion: 136 Resp: 271988
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 5.4 8.2
68 4.9 4.2 6.2

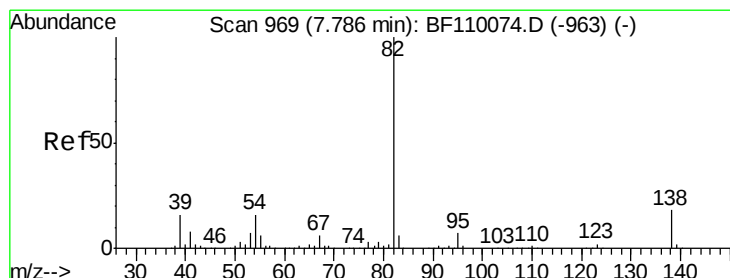
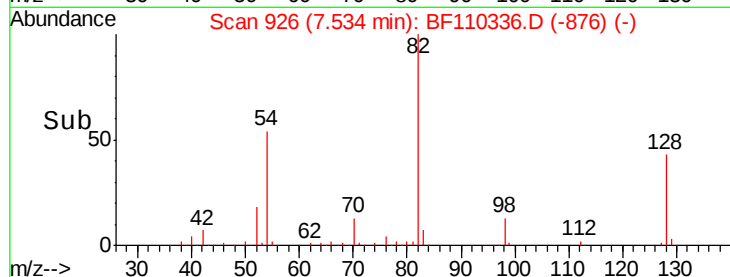
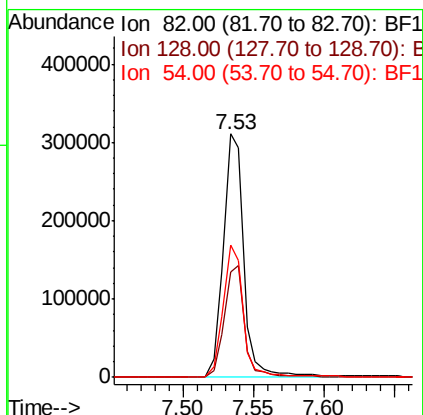
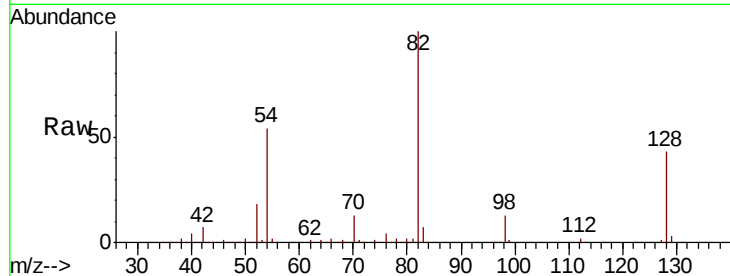




#23
 Nitrobenzene-d5
 Concen: 68.779 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF110336.D
 Acq: 31 Oct 2018 16:47

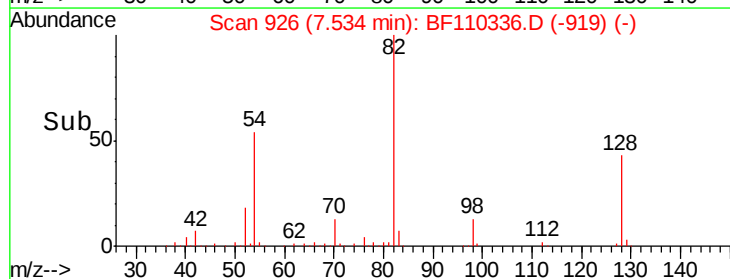
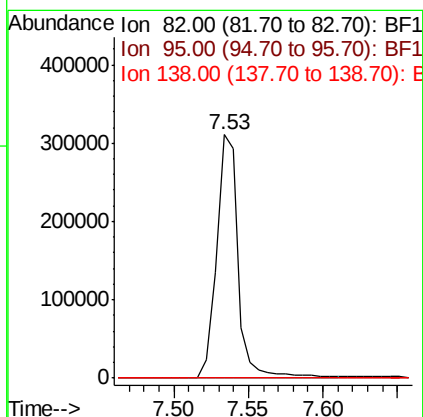
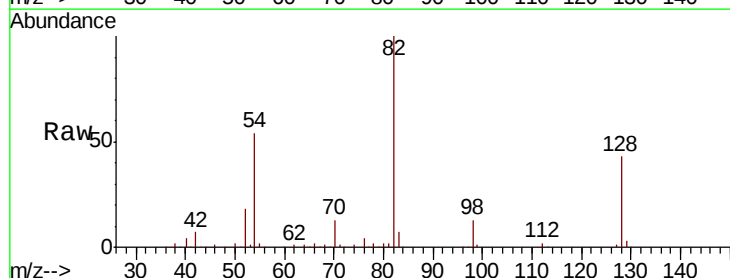
Instrument :
 BNA_F
 ClientSampleId :

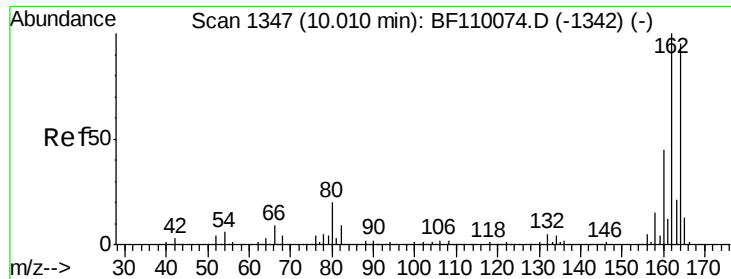
Tot Ion	82	Resp	315393
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.2	51.2
54	54.3	38.6	58.0



#25
 Isophorone
 Concen: 40.348 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF110336.D
 Acq: 31 Oct 2018 16:47

Tgt Ion	82	Resp	315387
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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110336.D

Acq: 31 Oct 2018 16:47

Instrument :

BNA_F

ClientSampleId :

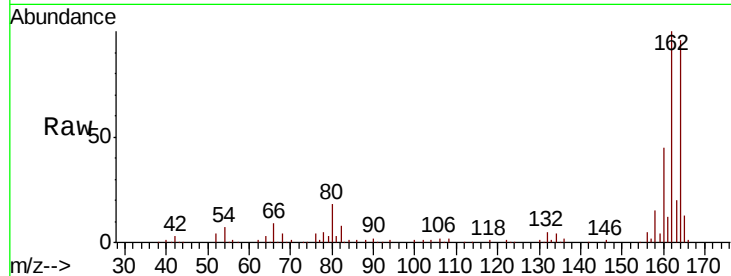
Tot Ion:164 Resp: 112555

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.6

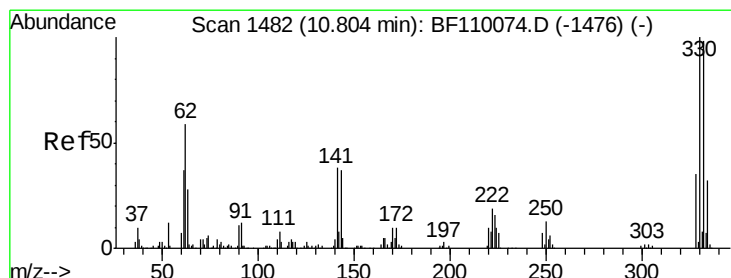
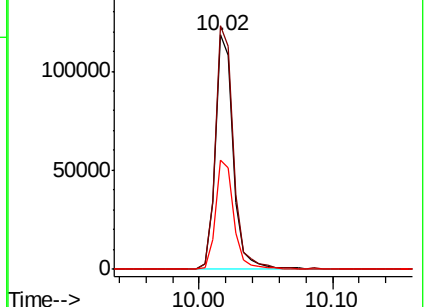
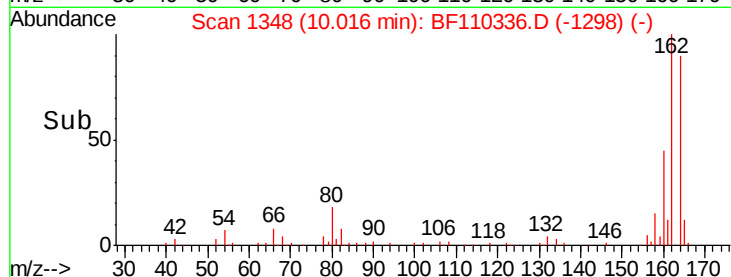
160 46.4 37.0 55.6



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: 94.857 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF110336.D

Acq: 31 Oct 2018 16:47

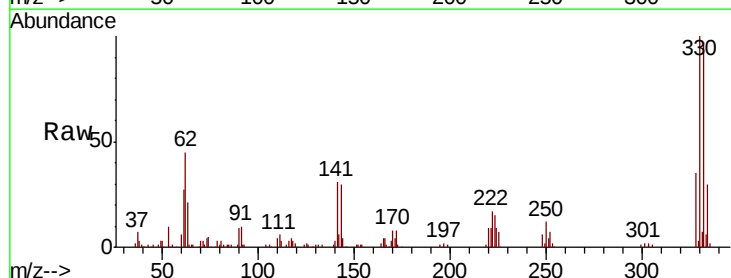
Tgt Ion:330 Resp: 105759

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

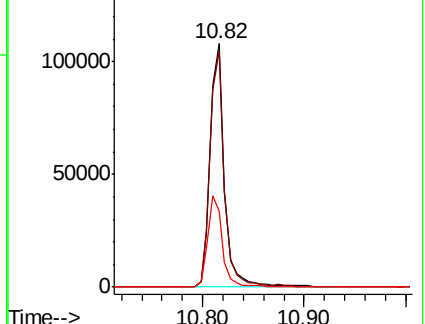
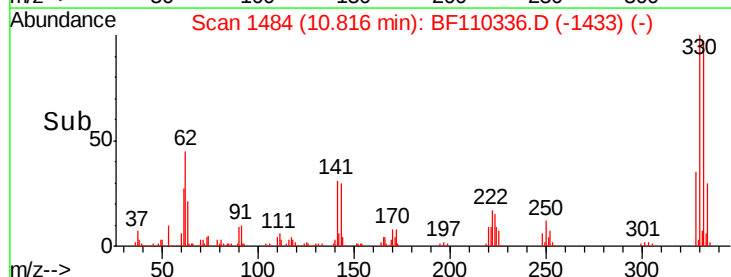
141 38.3 27.0 40.4

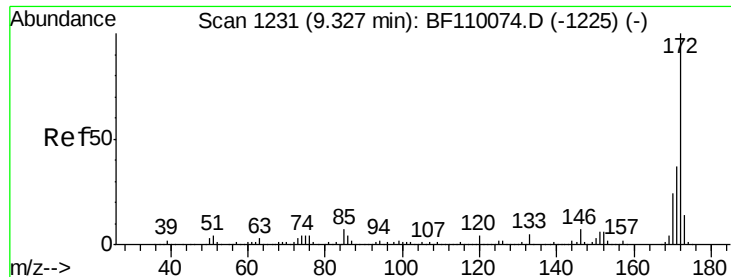


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

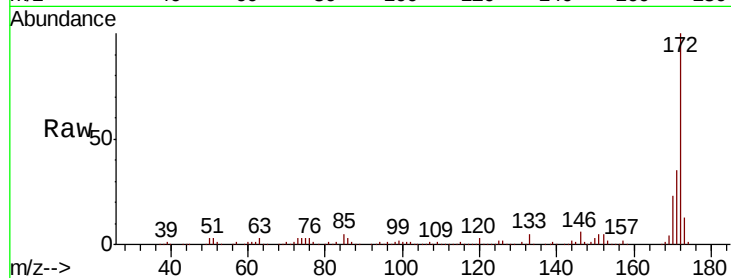




#45
 2-Fluorobiphenyl
 Concen: 80.291 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF110336.D
 Acq: 31 Oct 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.9	19.7	29.5

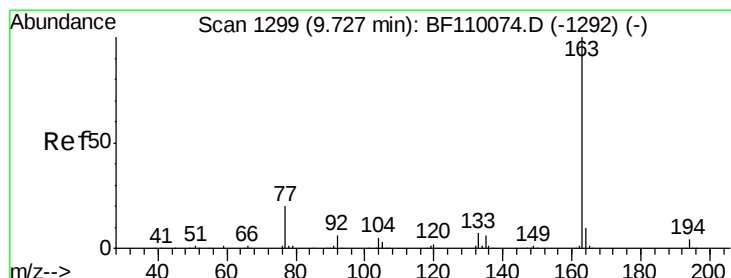
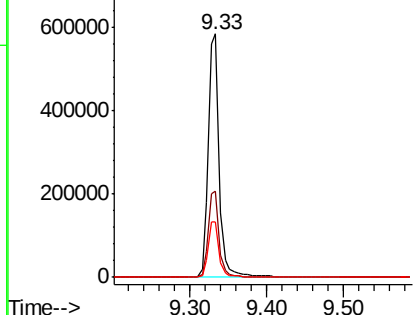
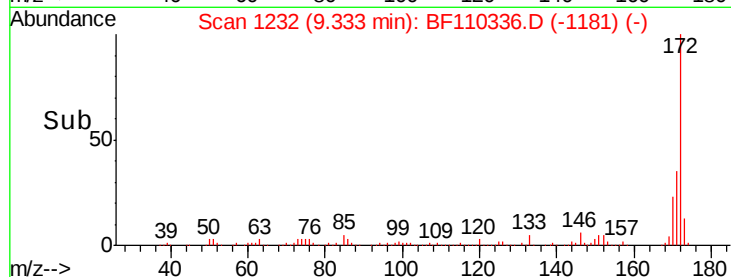


Abundance

Ion 172.00 (171.70 to 172.70): E

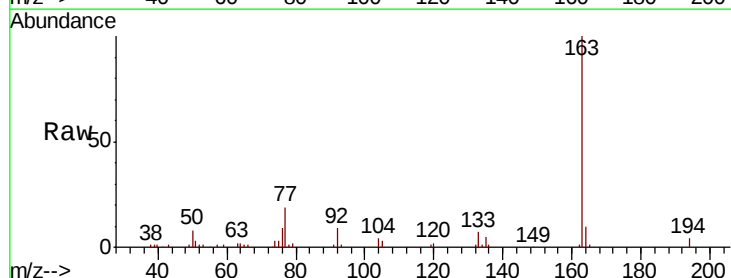
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 9.374 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF110336.D
 Acq: 31 Oct 2018 16:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	8.1	12.1

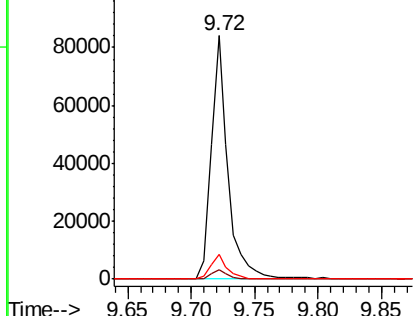
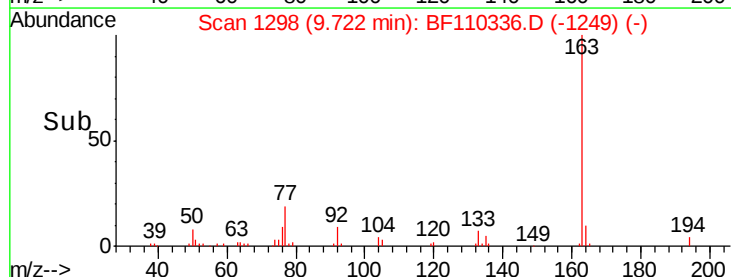


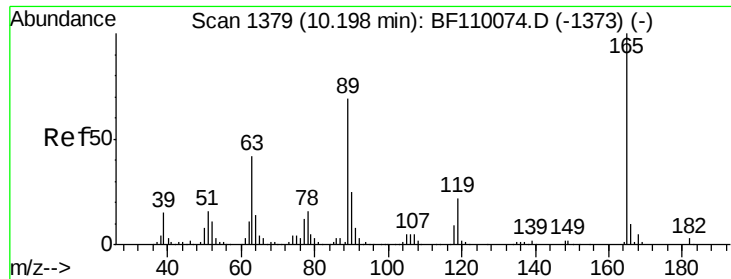
Abundance

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

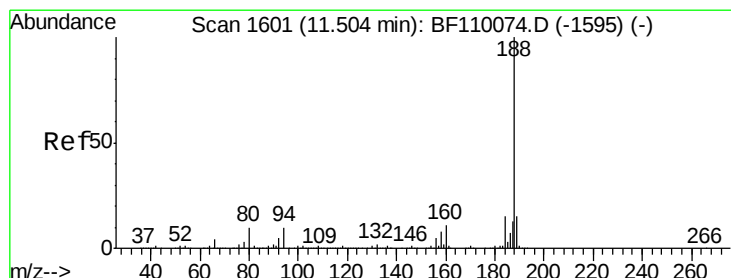
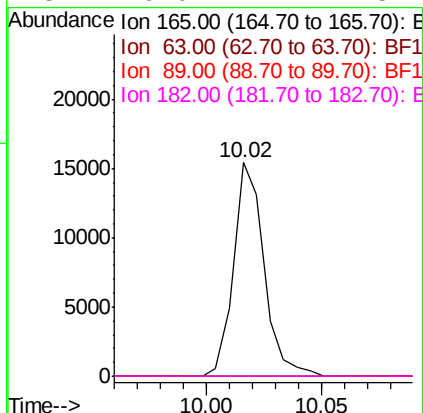
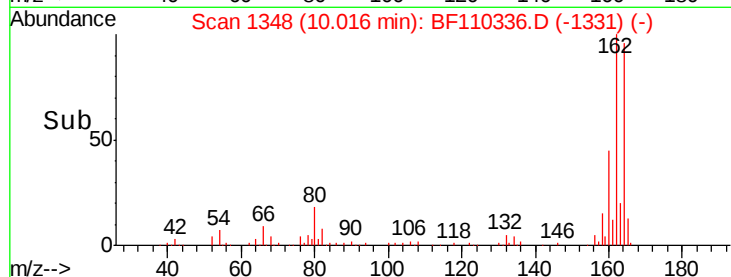
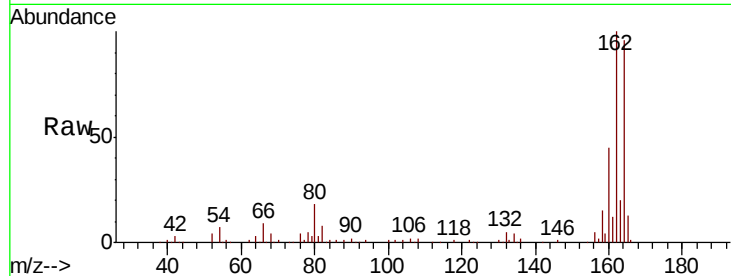




#57
 2,4-Dinitrotoluene
 Concen: 6.231 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110336.D
 Acq: 31 Oct 2018 16:47

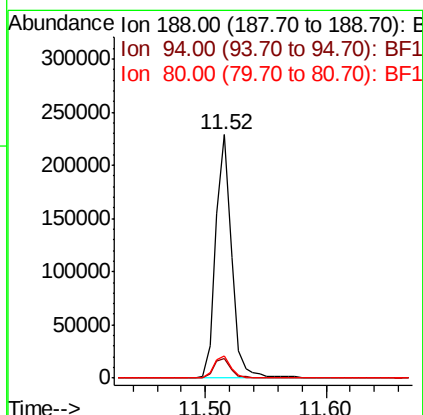
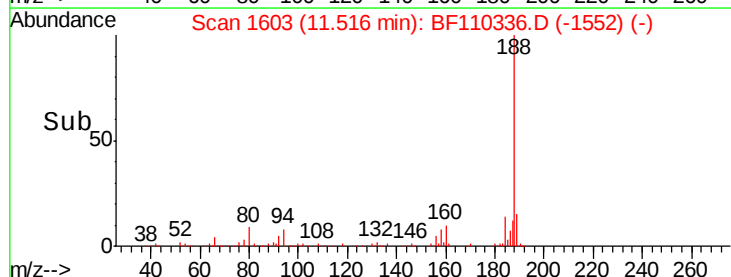
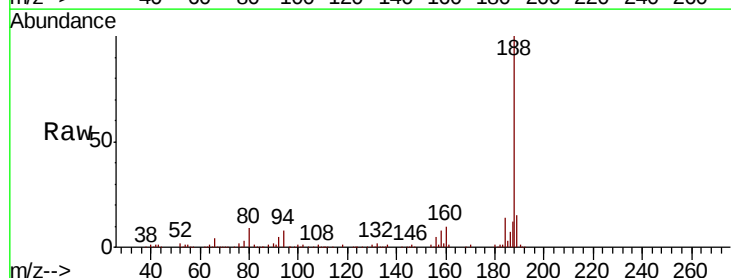
Instrument :
 BNA_F
 ClientSampleId :

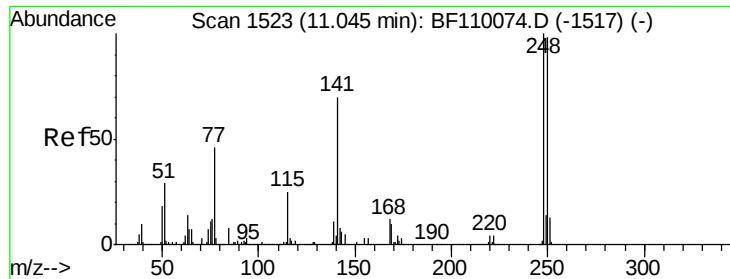
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110336.D
 Acq: 31 Oct 2018 16:47

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

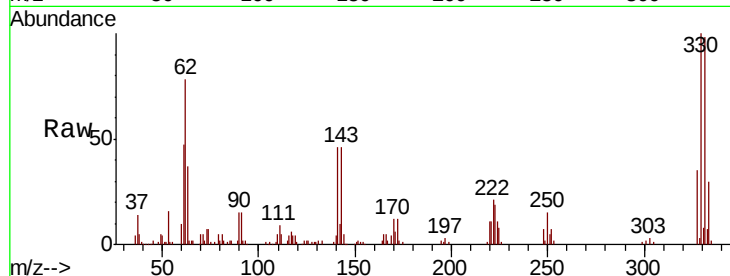




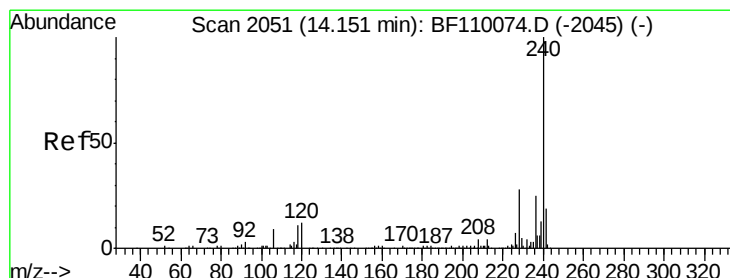
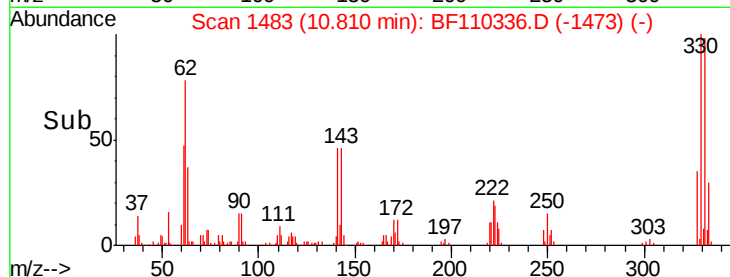
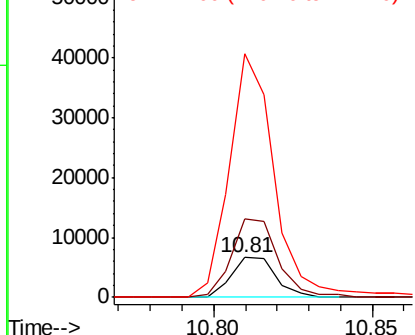
#67
4-Bromophenyl-phenylether
Concen: 2.904 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110336.D
Acq: 31 Oct 2018 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6482
Ion Ratio Lower Upper
248 100
250 195.6 79.4 119.2#
141 608.9 55.9 83.9#

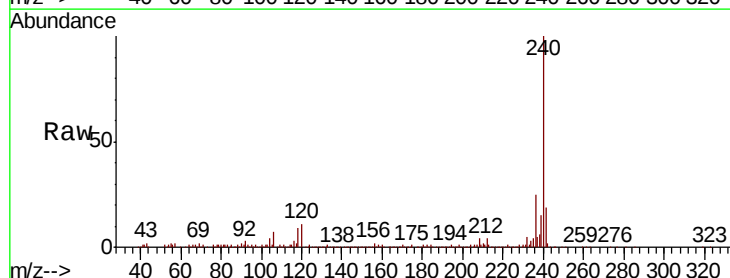


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

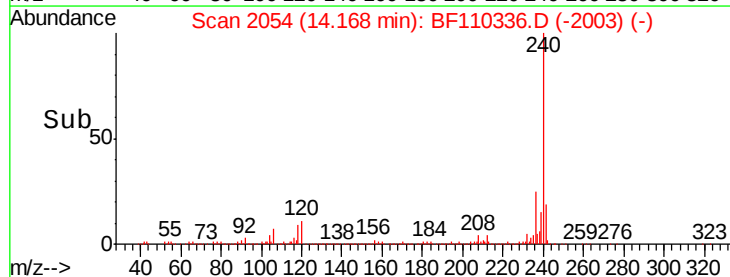
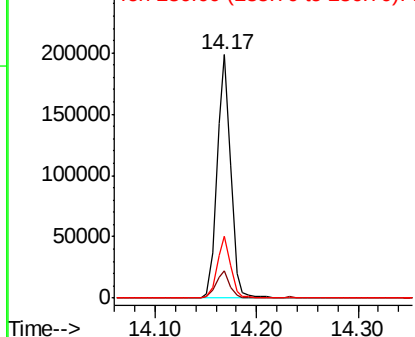


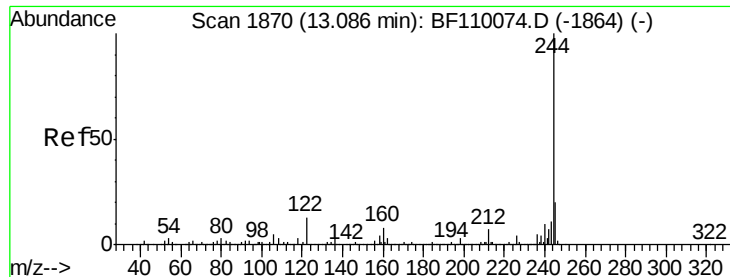
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110336.D
Acq: 31 Oct 2018 16:47

Tgt Ion:240 Resp: 185351
Ion Ratio Lower Upper
240 100
120 11.0 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: 62.636 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110336.D

Acq: 31 Oct 2018 16:47

Instrument :

BNA_F

ClientSampleId :

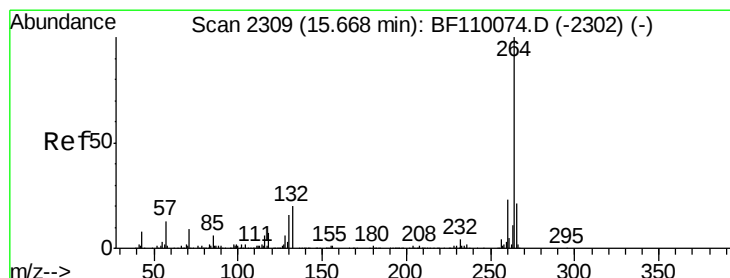
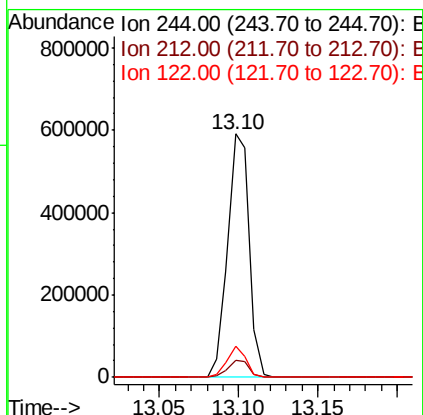
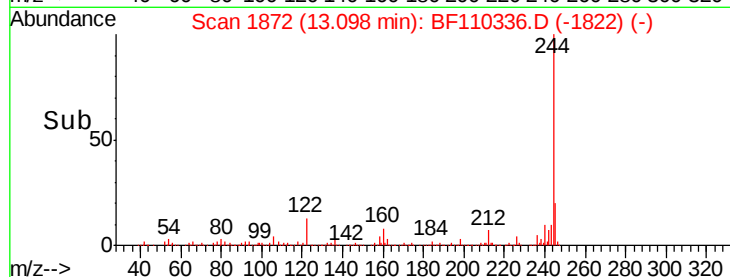
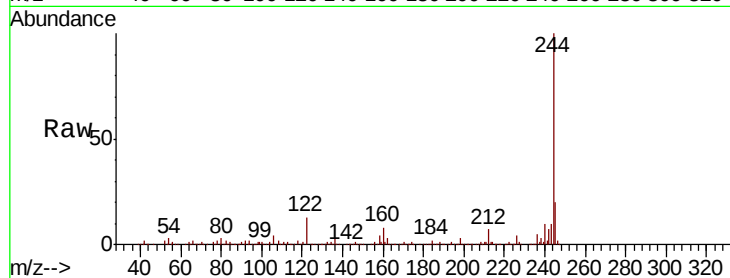
Tot Ion:244 Resp: 558231

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.8 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF110336.D

Acq: 31 Oct 2018 16:47

Tgt Ion:264 Resp: 112282

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 23.1 16.7 25.1

