

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110359.D
 Acq On : 1 Nov 2018 4:13
 Operator : JU/SJ
 Sample : J5731-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:55:45 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

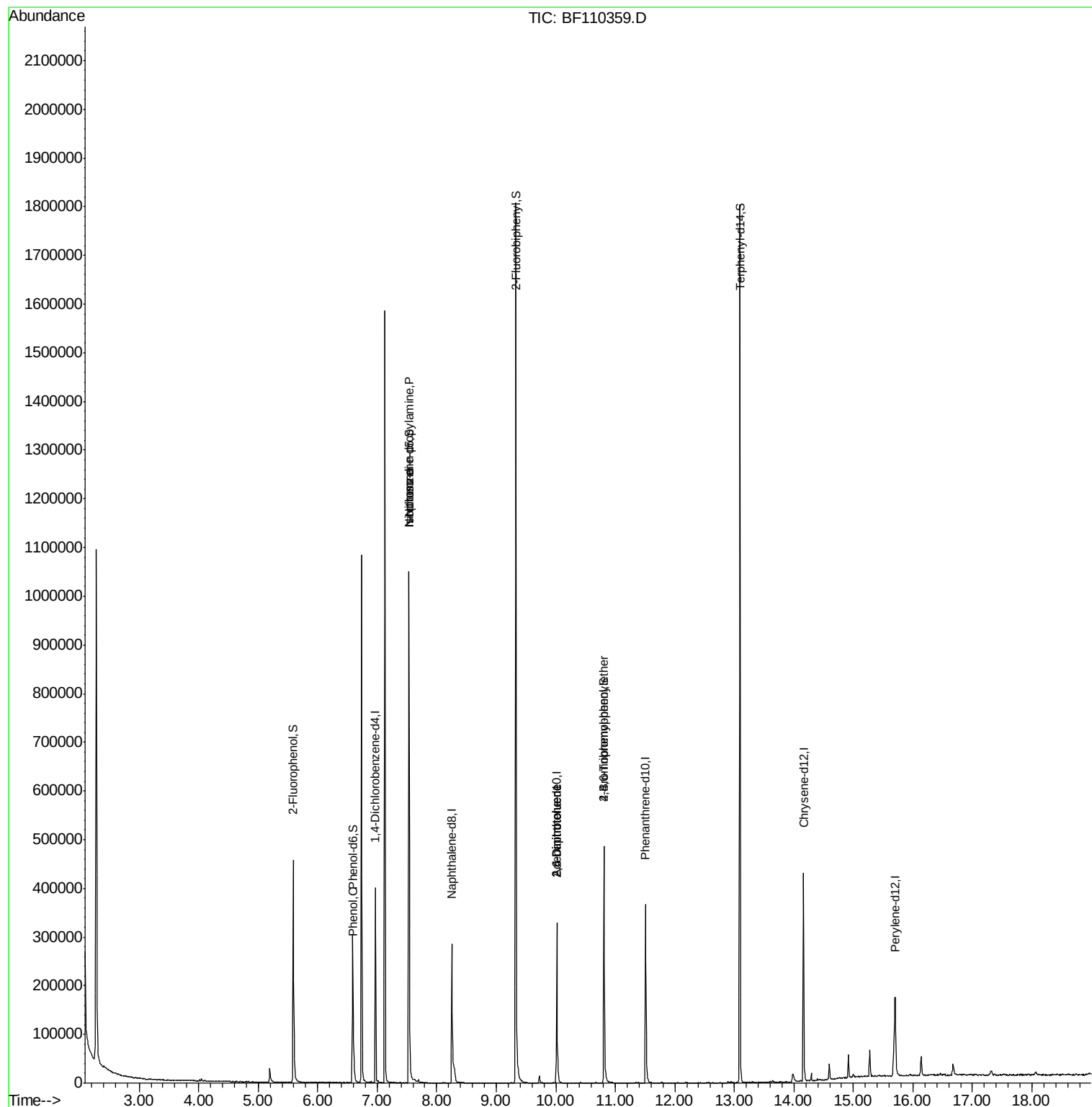
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	58143	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	196651	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	79729	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	156354	20.00	ng	0.00
76) Chrysene-d12	14.16	240	160117	20.00	ng	0.00
87) Perylene-d12	15.70	264	94977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	149529	41.88	ng	0.00
7) Phenol-d6	6.59	99	105351	23.07	ng	-0.02
23) Nitrobenzene-d5	7.53	82	341241	102.92	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	72046	91.22	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	585838	115.38	ng	0.00
79) Terphenyl-d14	13.10	244	644659	83.73	ng	0.00
Target Compounds						
10) Phenol	6.60	94	21299	4.363	ng	# 70
19) n-Nitroso-di-n-propylamine	7.53	70	45051	15.377	ng	# 79
25) Isophorone	7.53	82	341239	60.379	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	10023	7.906	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	10023	6.224	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	4516	2.663	ng	# 1

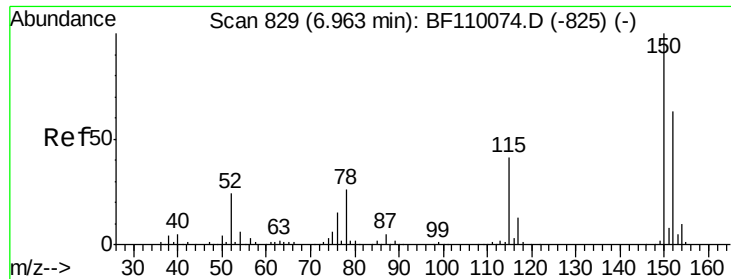
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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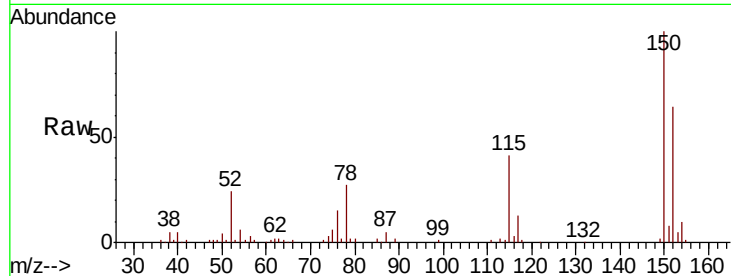




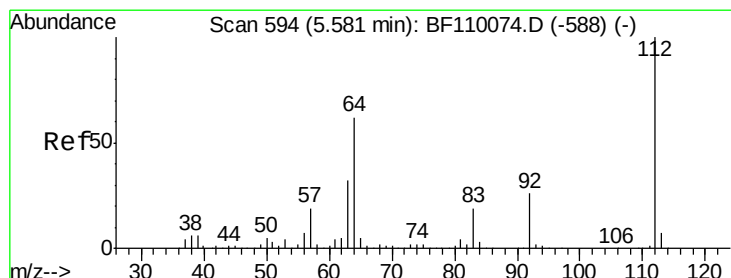
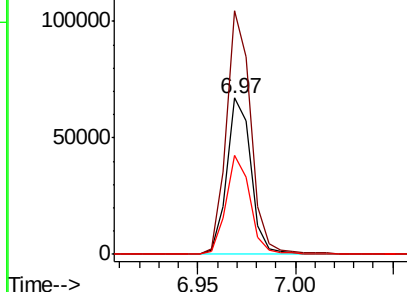
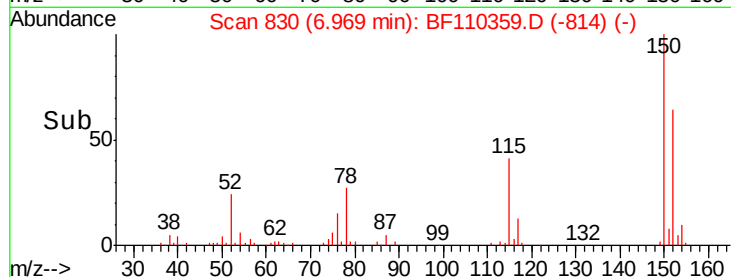
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 58143
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 63.0 49.1 73.7

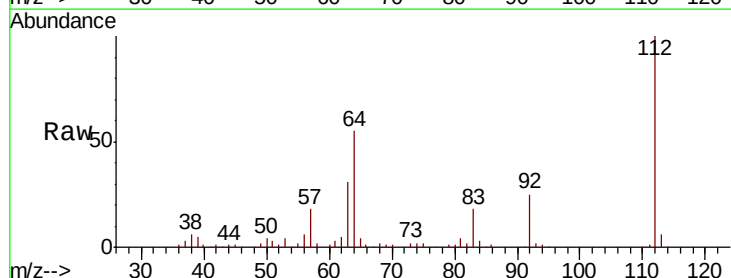


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

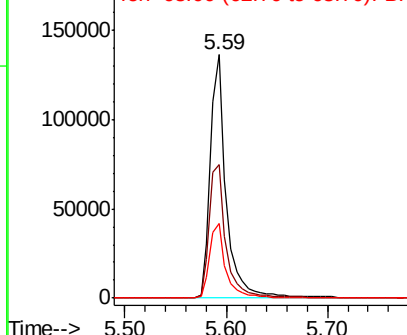
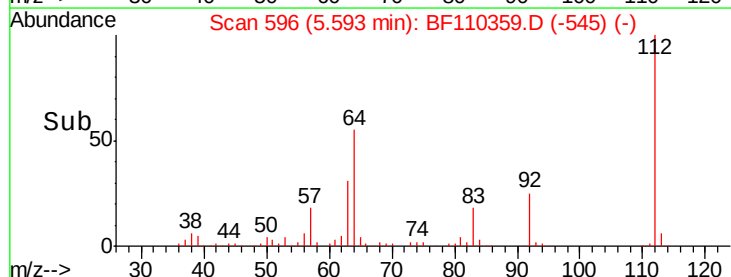


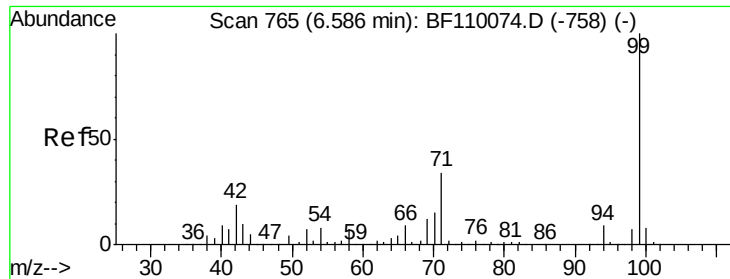
#5
 2-Fluorophenol
 Concen: 41.880 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Tgt Ion:112 Resp: 149529
 Ion Ratio Lower Upper
 112 100
 64 54.9 44.1 66.1
 63 30.7 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: 23.069 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampled :

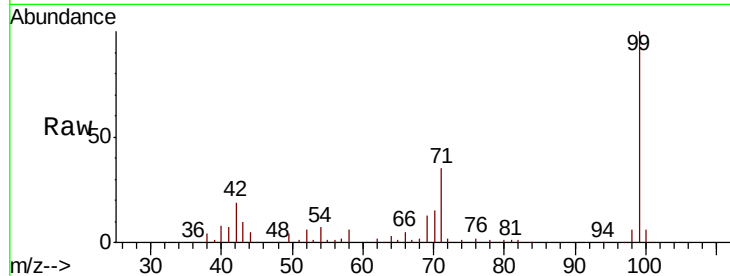
Tot Ion: 99 Resp: 105351

Ion Ratio Lower Upper

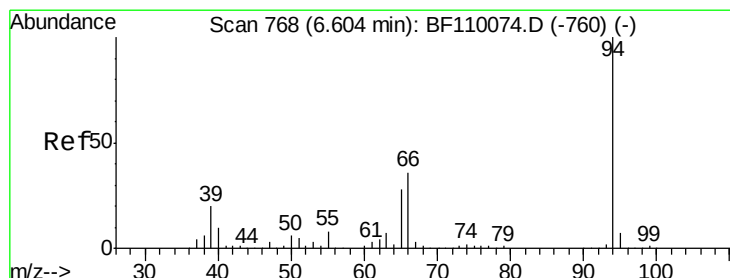
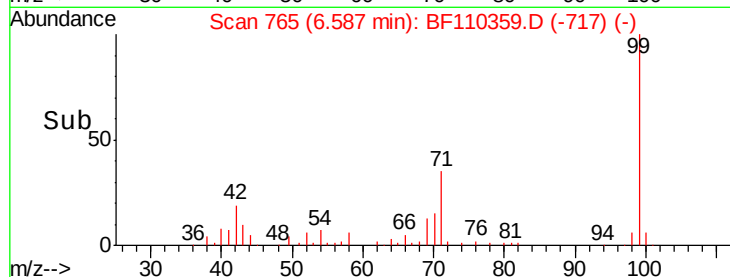
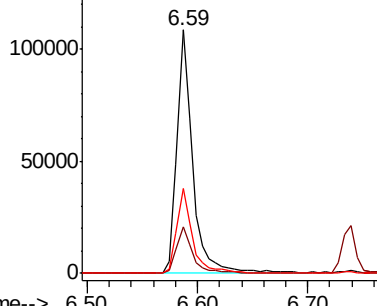
99 100

42 19.1 15.8 23.6

71 34.7 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: 4.363 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

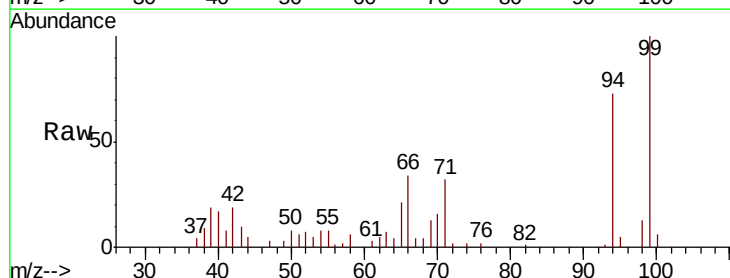
Tgt Ion: 94 Resp: 21299

Ion Ratio Lower Upper

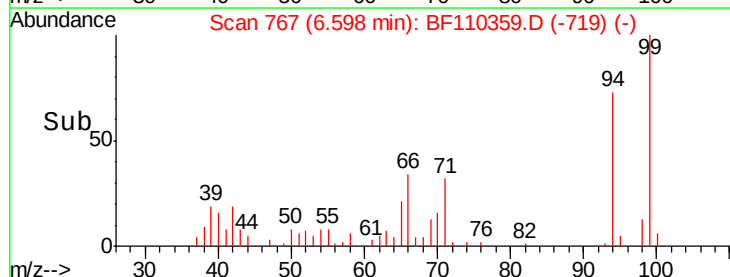
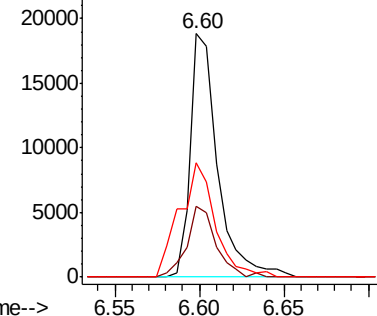
94 100

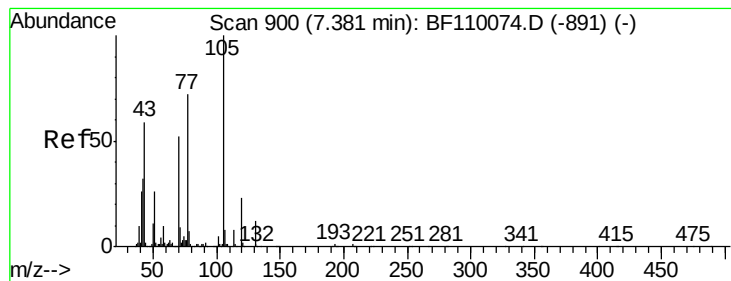
65 29.0 25.3 65.3

66 47.0 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: 15.377 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF110359.D

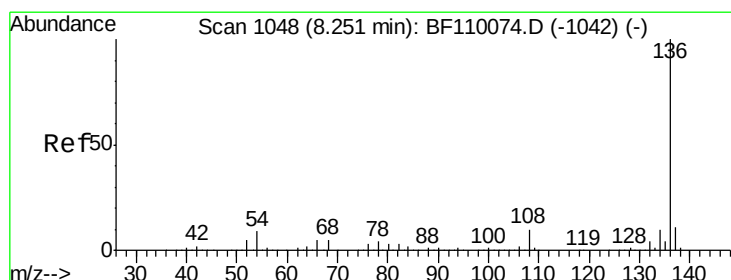
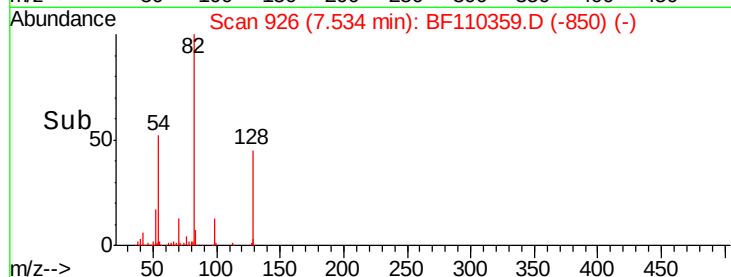
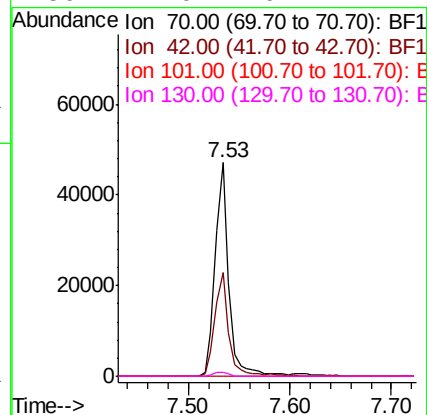
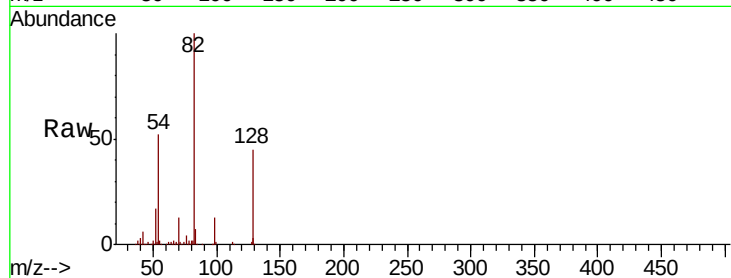
Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	45051
Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

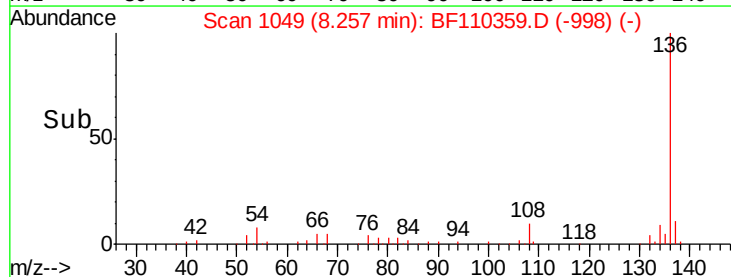
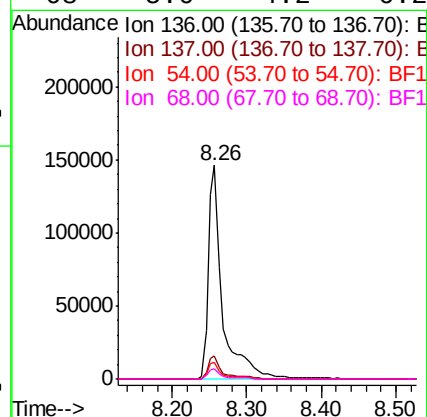
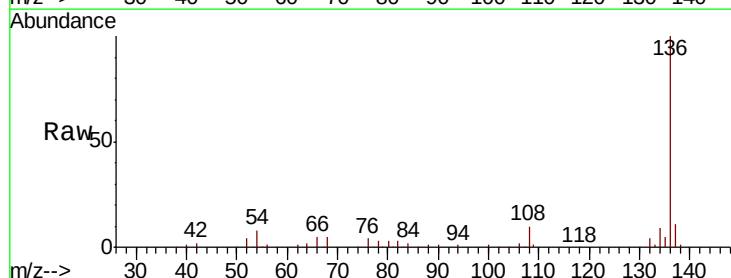
RT: 8.26 min Scan# 1049

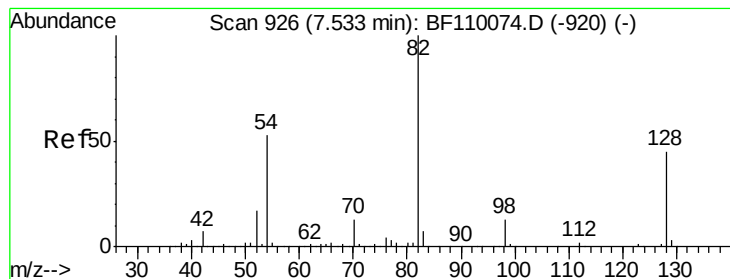
Delta R.T. 0.00 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Tgt Ion:	136	Resp:	196651
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2





#23

Nitrobenzene-d5

Concen: 102.924 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampled :

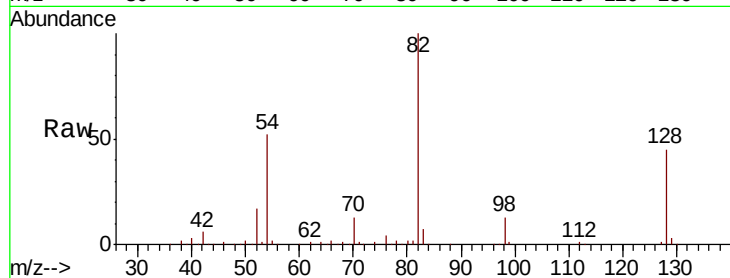
Tot Ion: 82 Resp: 341241

Ion Ratio Lower Upper

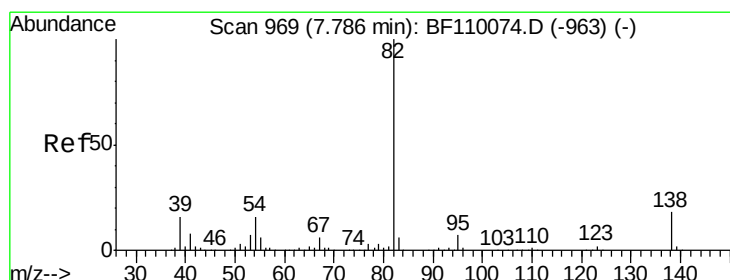
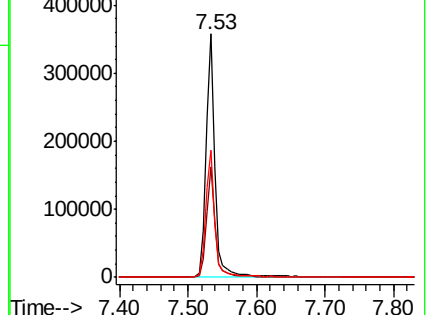
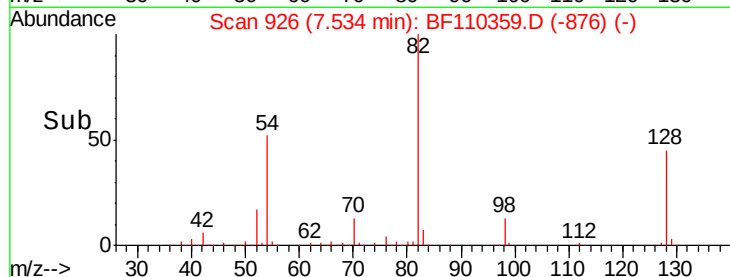
82 100

128 45.4 34.2 51.2

54 52.0 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: 60.379 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

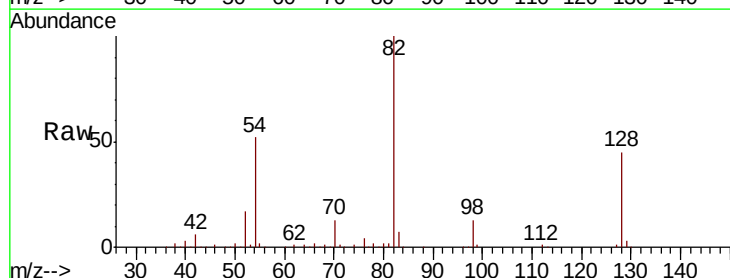
Tgt Ion: 82 Resp: 341239

Ion Ratio Lower Upper

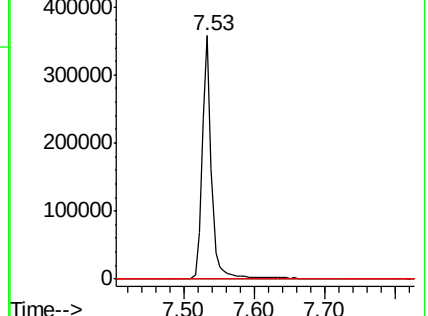
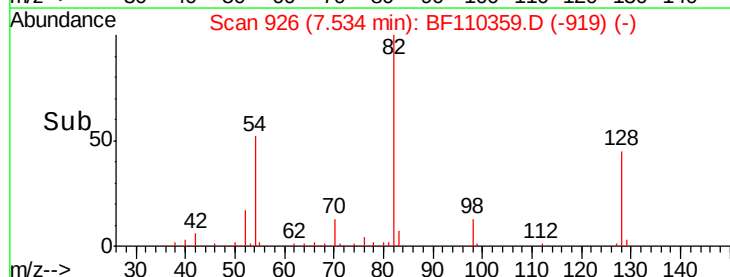
82 100

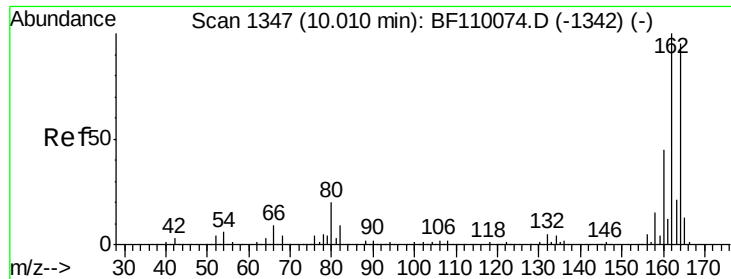
95 0.0 5.7 8.5#

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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampled :

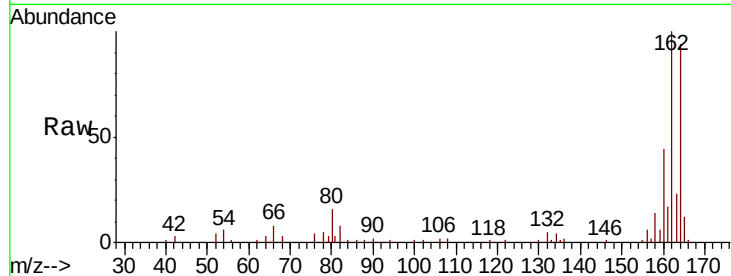
Tot Ion:164 Resp: 79729

Ion Ratio Lower Upper

164 100

162 106.5 83.0 124.6

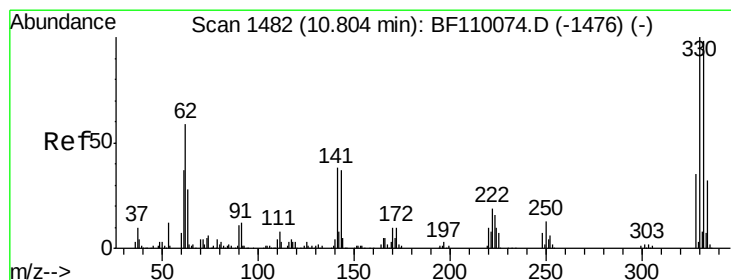
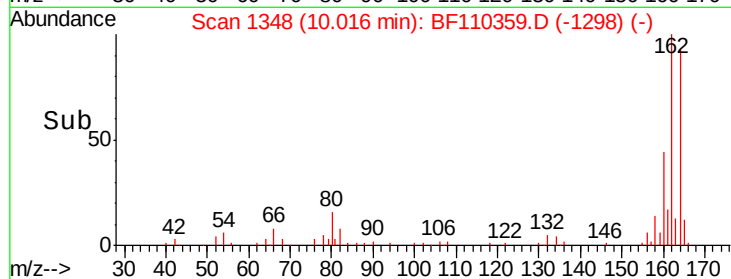
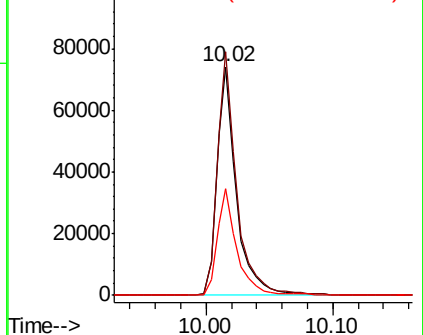
160 46.6 37.0 55.6



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: 91.224 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

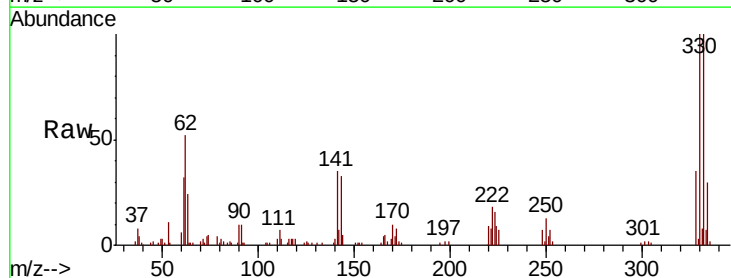
Tgt Ion:330 Resp: 72046

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

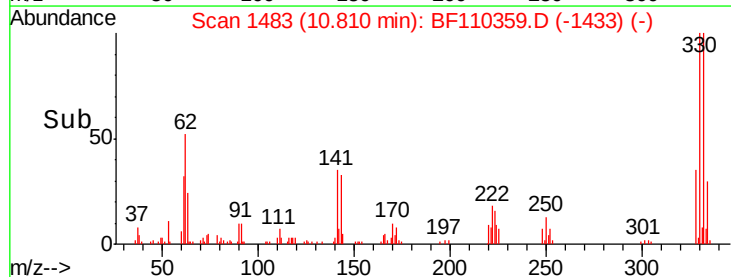
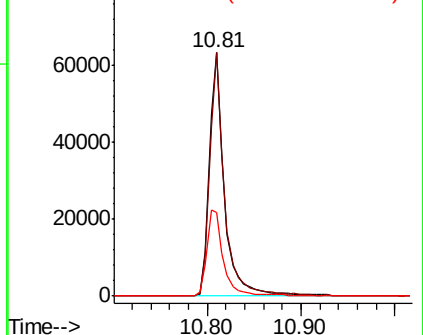
141 38.4 27.0 40.4

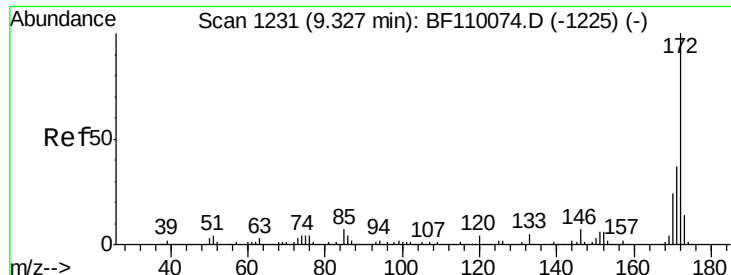


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

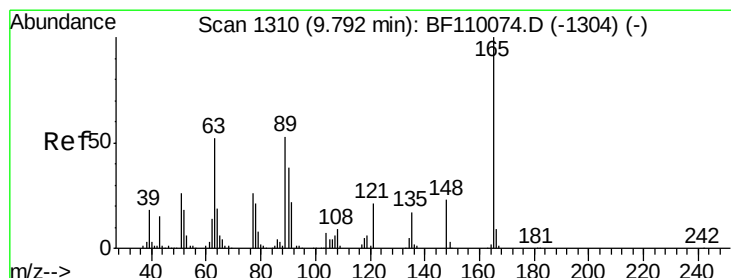
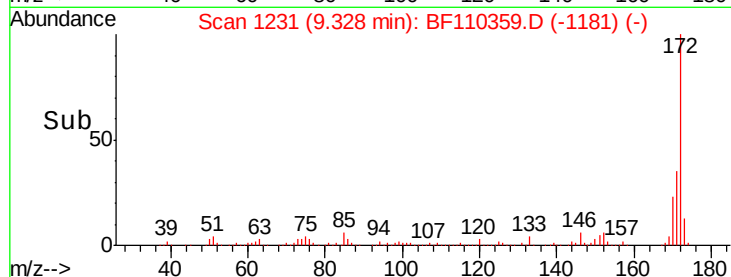
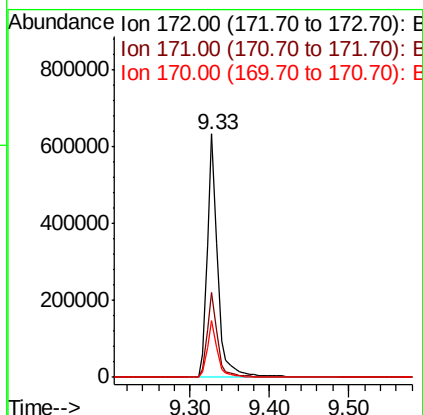
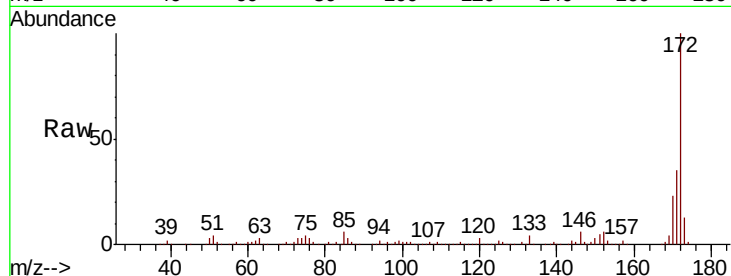




#45
 2-Fluorobiphenyl
 Concen: 115.380 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

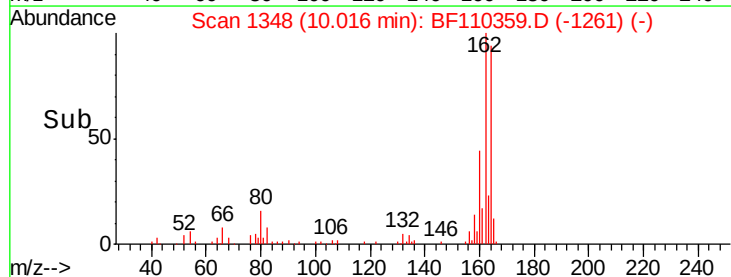
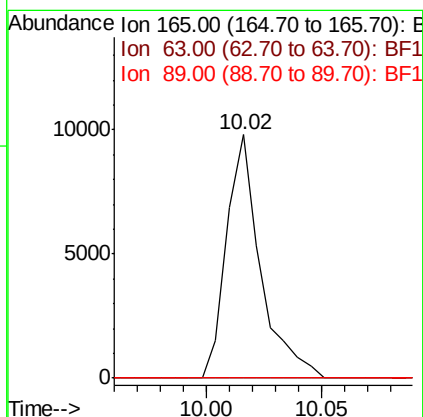
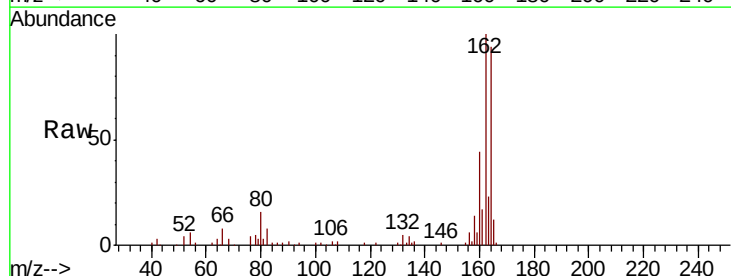
Instrument :
 BNA_F
 ClientSampleId :

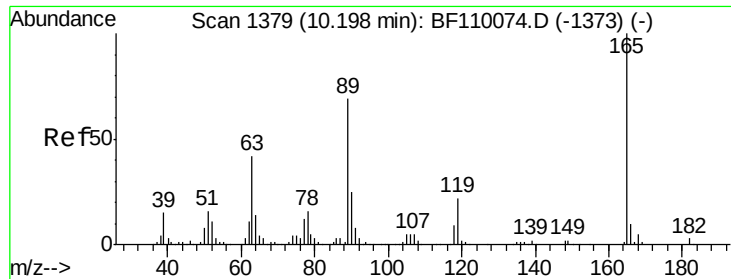
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.1	19.7	29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.906 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

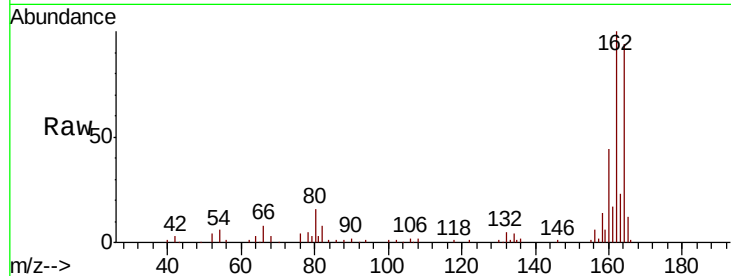




#57
 2,4-Dinitrotoluene
 Concen: 6.224 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

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#

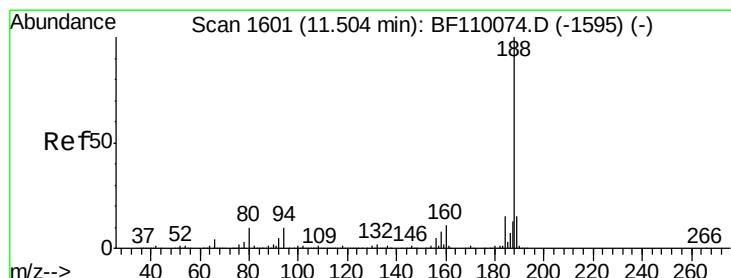
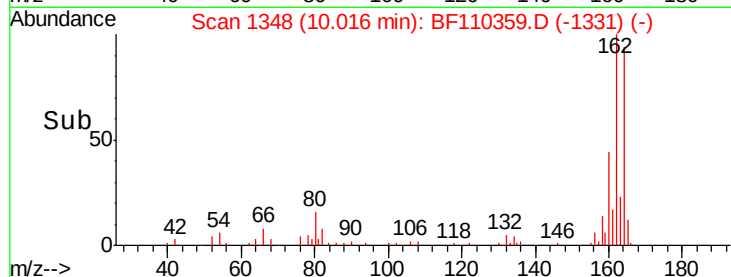
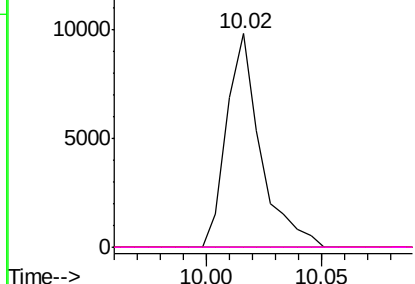


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

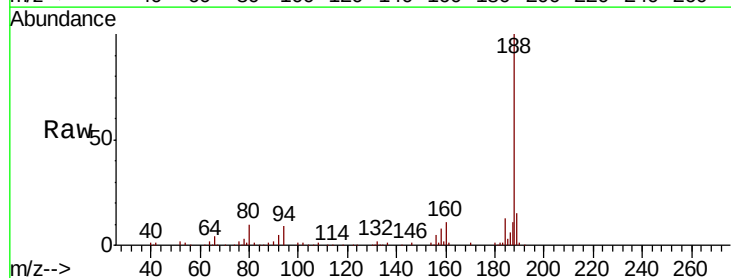
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

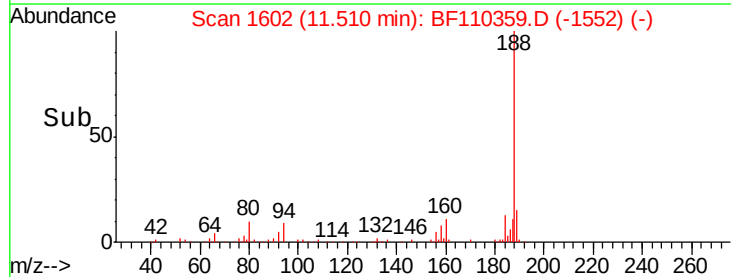
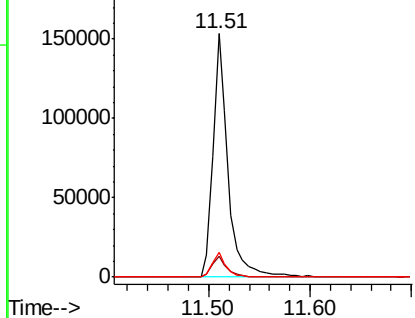
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.0	7.9	11.9

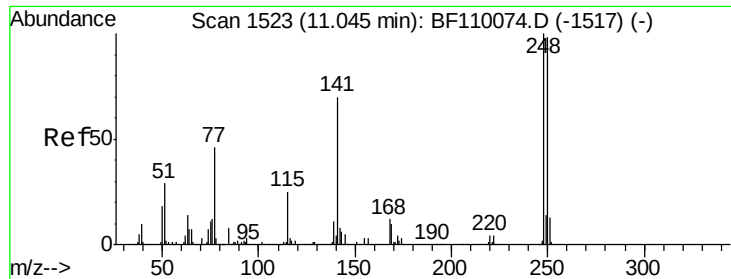


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

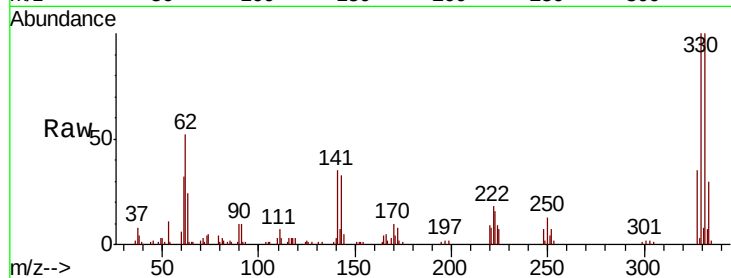




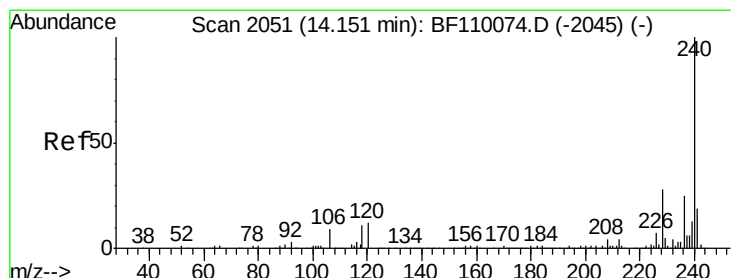
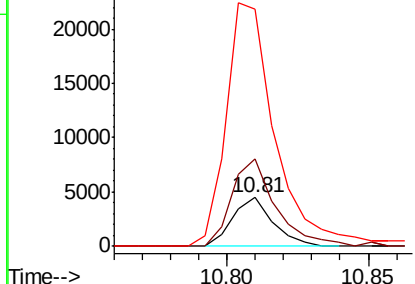
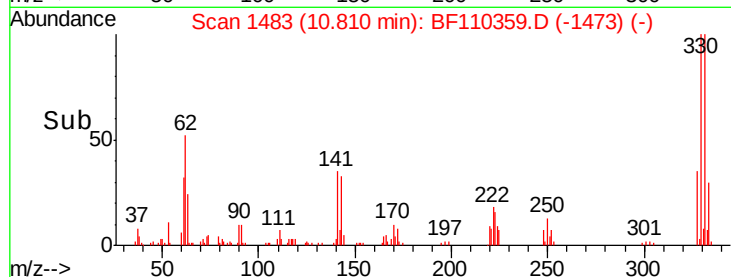
#67
 4-Bromophenyl-phenylether
 Concen: 2.663 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 4516
 Ion Ratio Lower Upper
 248 100
 250 177.4 79.4 119.2#
 141 485.1 55.9 83.9#

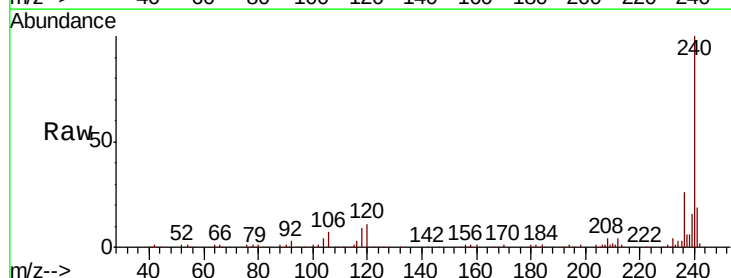


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

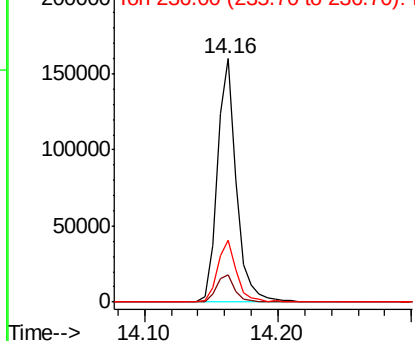
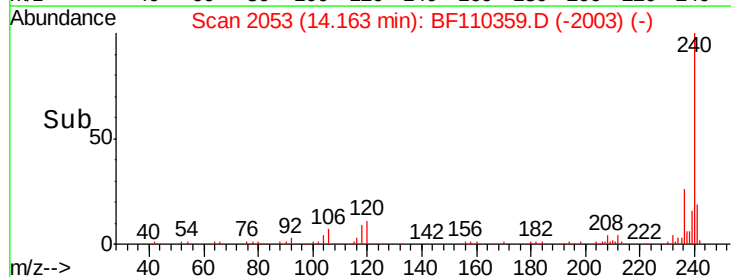


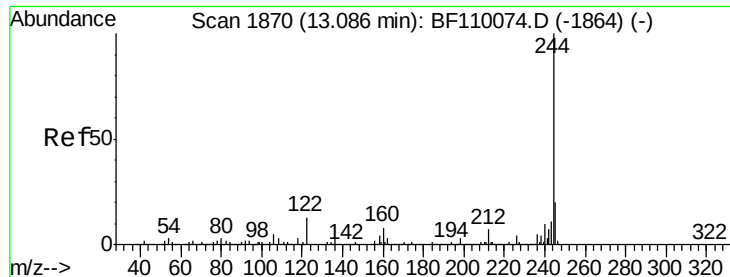
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110359.D
 Acq: 1 Nov 2018 4:13

Tgt Ion:240 Resp: 160117
 Ion Ratio Lower Upper
 240 100
 120 11.3 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: 83.733 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Instrument :

BNA_F

ClientSampleId :

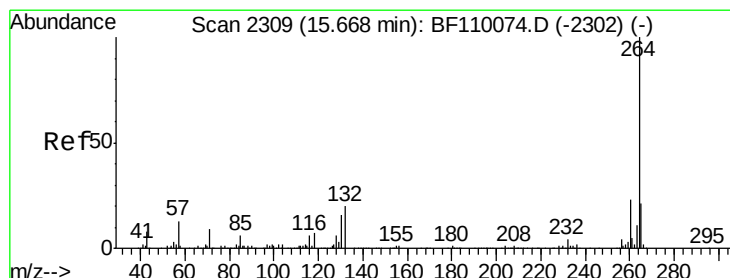
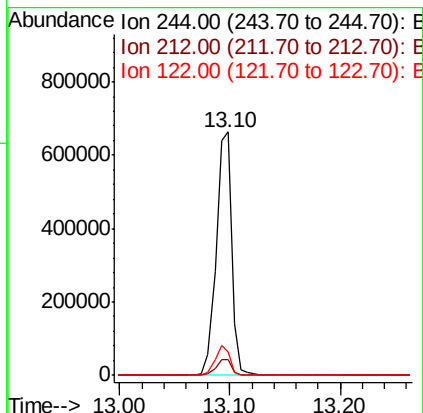
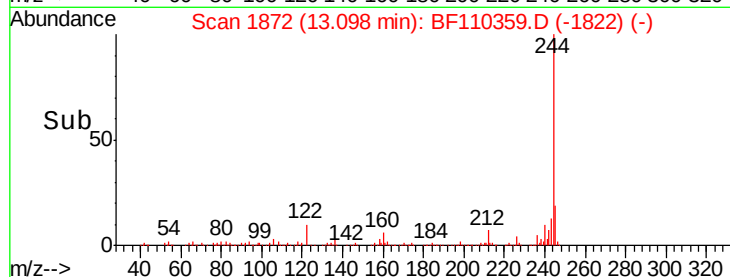
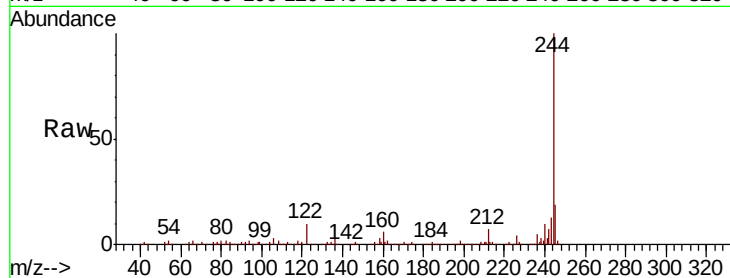
Tot Ion:244 Resp: 644659

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 9.9 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BF110359.D

Acq: 1 Nov 2018 4:13

Tgt Ion:264 Resp: 94977

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 20.5 16.7 25.1

