

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110308.D
 Acq On : 30 Oct 2018 17:35
 Operator : JU/SJ
 Sample : J5722-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102618-TIPC-F-D-S

Quant Time: Oct 31 04:32:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

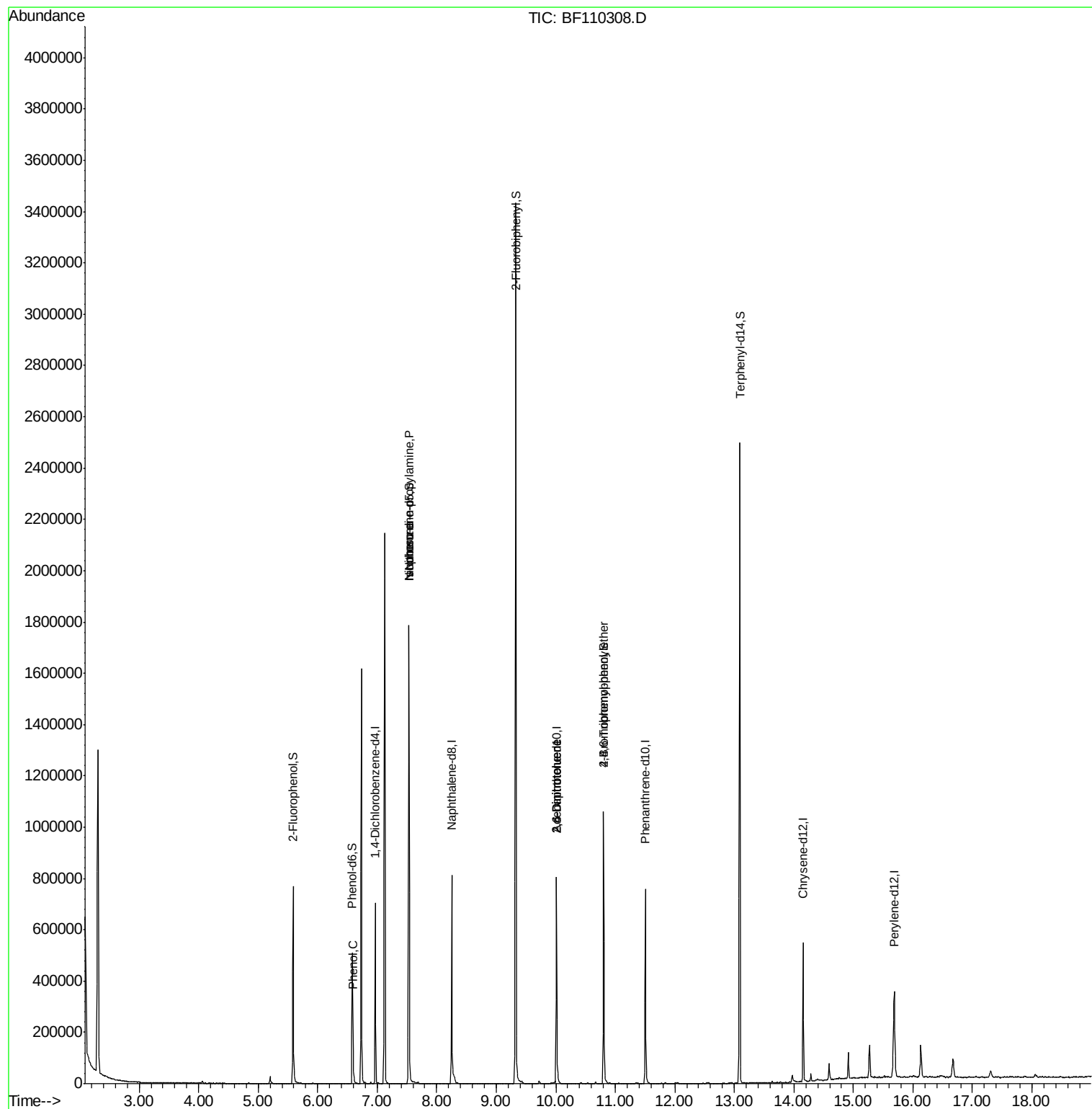
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	100317	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	403324	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	179272	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	297064	20.00	ng	0.00
76) Chrysene-d12	14.16	240	186435	20.00	ng	0.00
87) Perylene-d12	15.69	264	157294	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	205885	33.42	ng	0.00
7) Phenol-d6	6.58	99	161963	20.56	ng	-0.01
23) Nitrobenzene-d5	7.53	82	577808	84.97	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	125652	70.76	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1045463	91.57	ng	0.00
79) Terphenyl-d14	13.09	244	797528	88.97	ng	0.00
Target Compounds						
10) Phenol	6.60	94	31674	3.761	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	78391	15.508	ng	# 79
25) Isophorone	7.53	82	577803	49.849	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	22443	7.873	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	22443	6.199	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	8315	2.580	ng	# 1

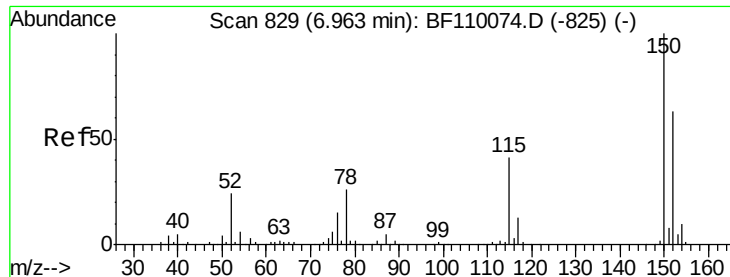
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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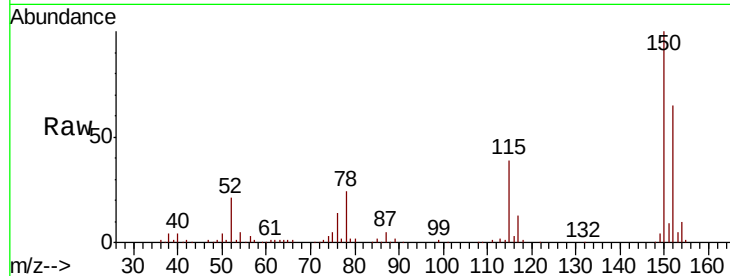


#1

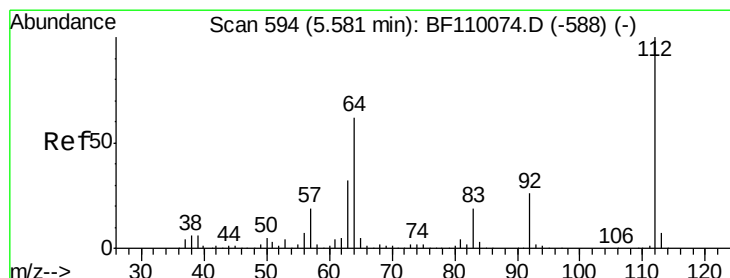
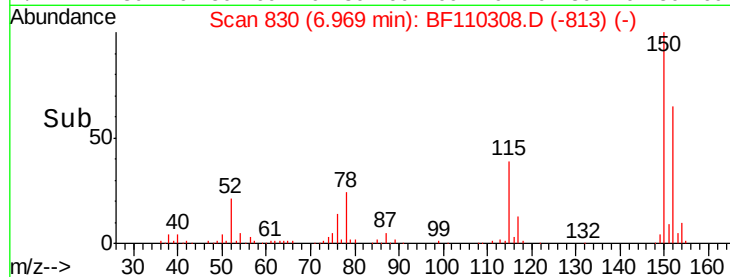
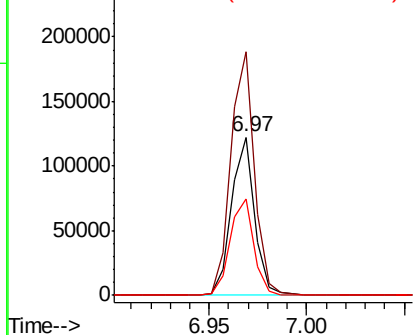
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-D-S

Tgt Ion:152 Resp: 100317
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 60.6 49.1 73.7



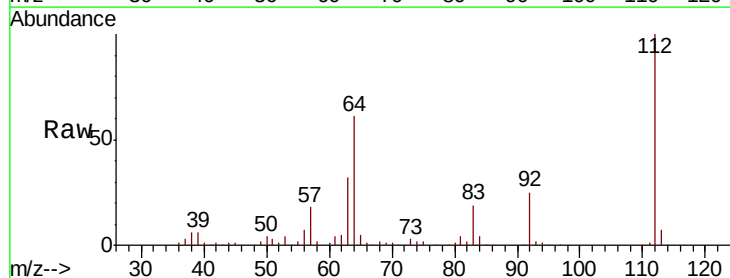
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



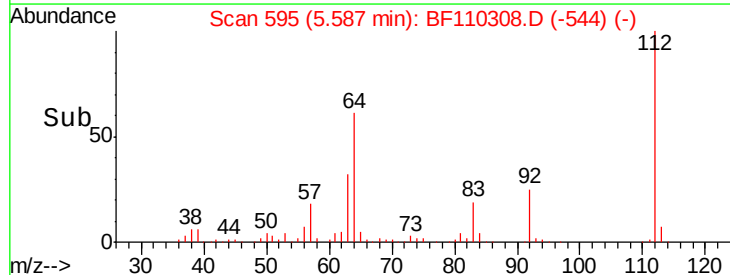
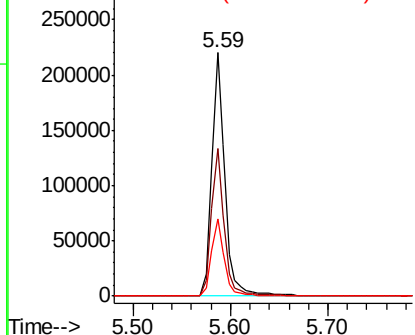
#5

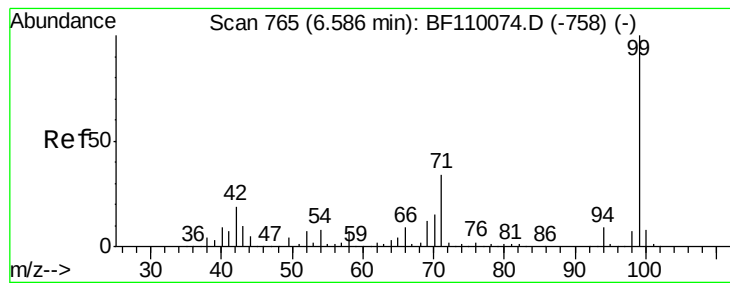
2-Fluorophenol
Concen: 33.421 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

Tgt Ion:112 Resp: 205885
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 31.7 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: 20.555 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110308.D

Acq: 30 Oct 2018 17:35

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-D-S

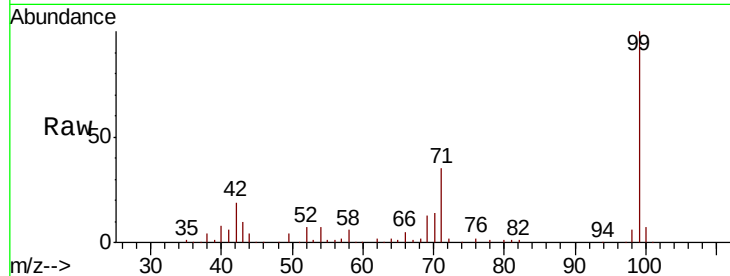
Tgt Ion: 99 Resp: 161963

Ion Ratio Lower Upper

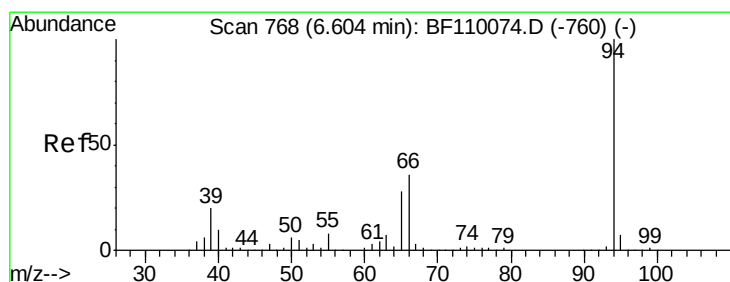
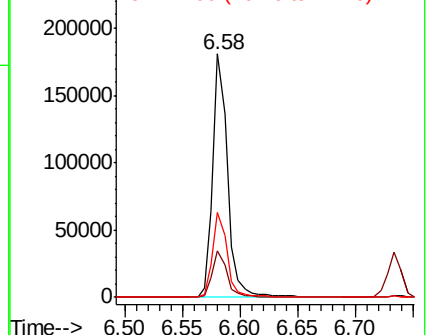
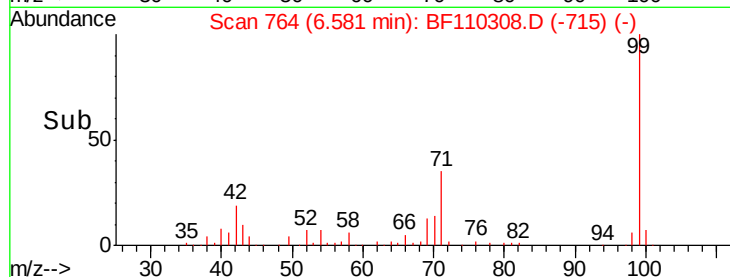
99 100

42 19.2 15.8 23.6

71 35.1 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: 3.761 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110308.D

Acq: 30 Oct 2018 17:35

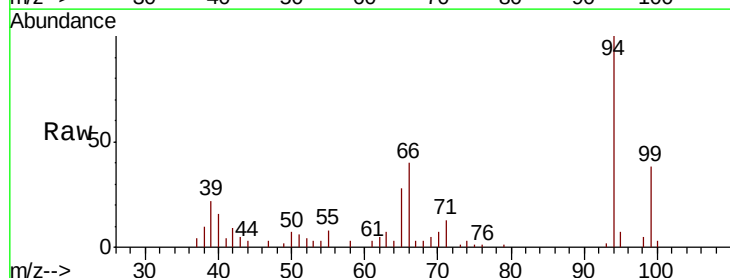
Tgt Ion: 94 Resp: 31674

Ion Ratio Lower Upper

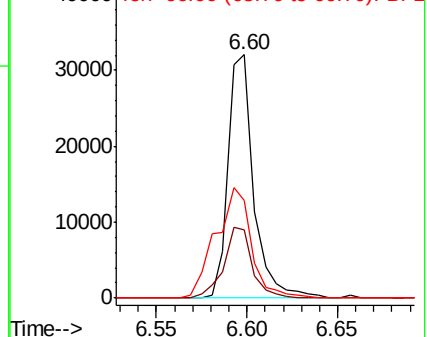
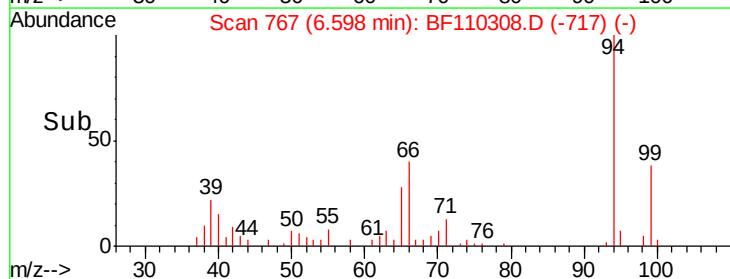
94 100

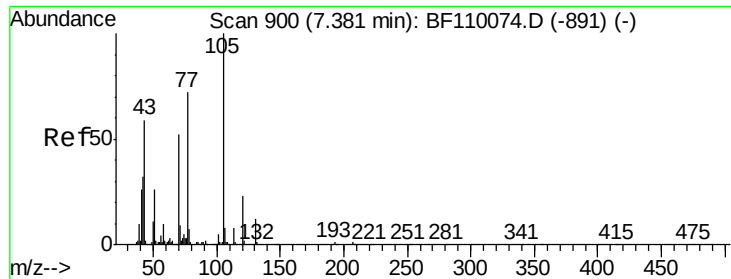
65 28.1 25.3 65.3

66 40.3 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

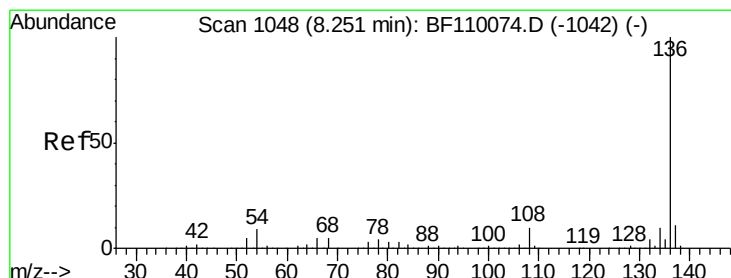
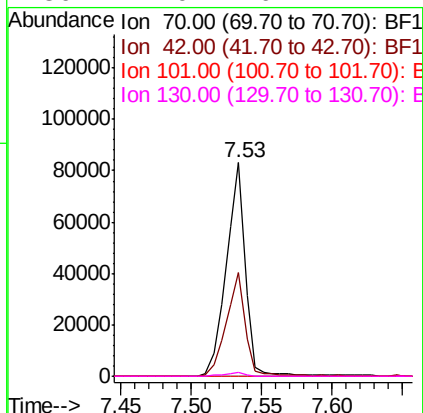
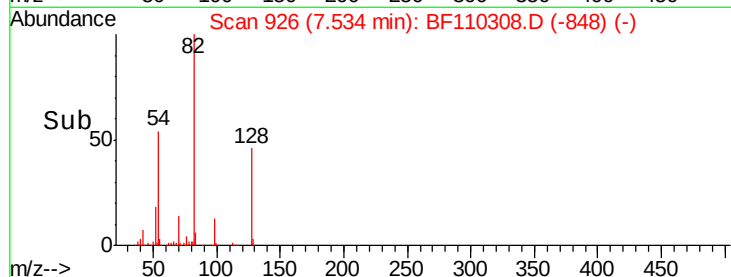
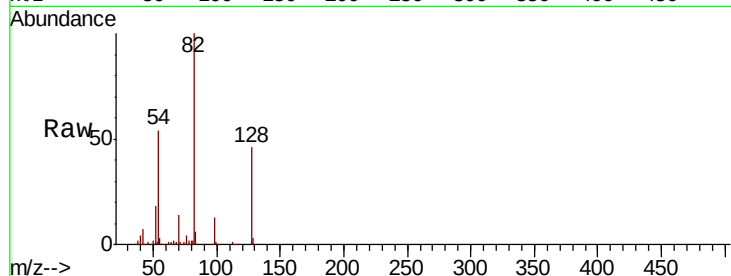




#19
n-Nitroso-di-n-propylamine
Concen: 15.508 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

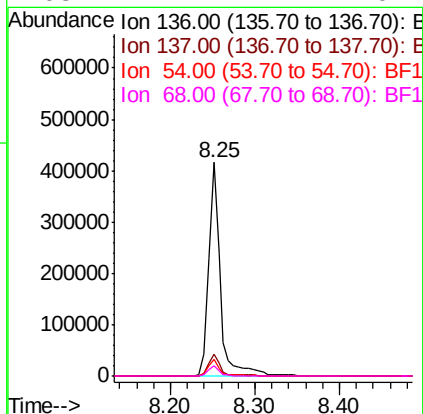
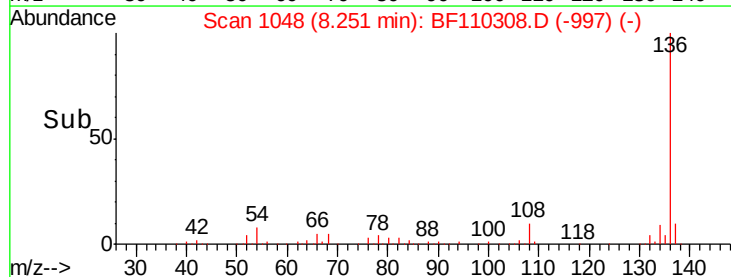
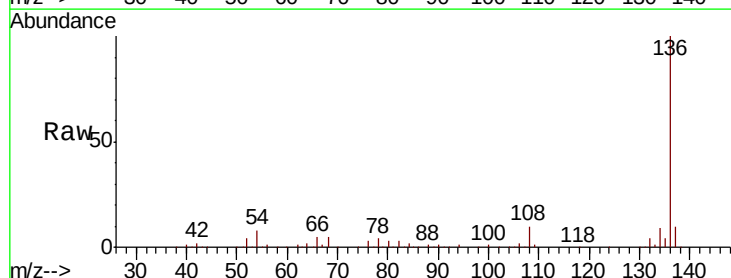
Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-D-S

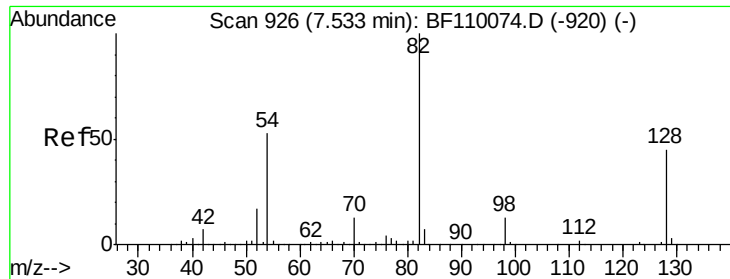
Tgt Ion: 70 Resp: 78391
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

Tgt Ion: 136 Resp: 403324
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 7.5 5.4 8.2
68 4.7 4.2 6.2

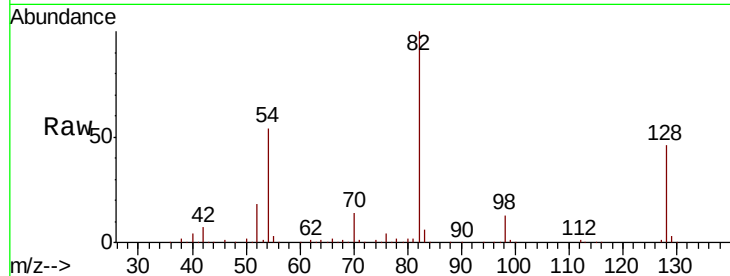




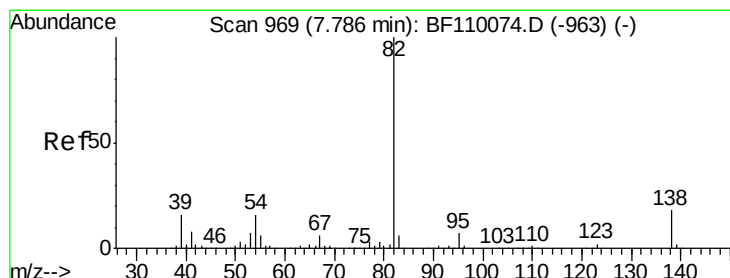
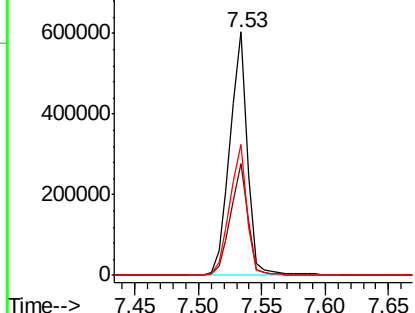
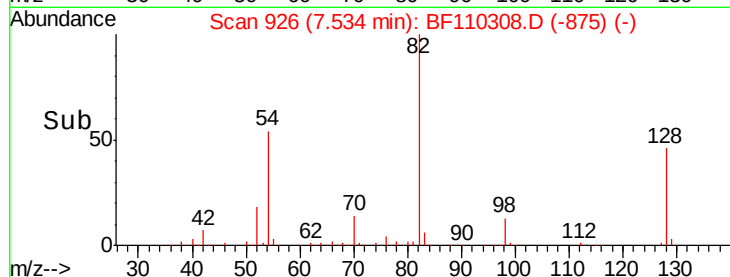
#23
Nitrobenzene-d5
Concen: 84.973 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	53.5	38.6	58.0

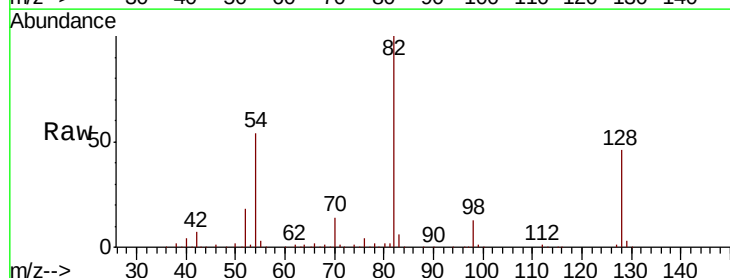


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

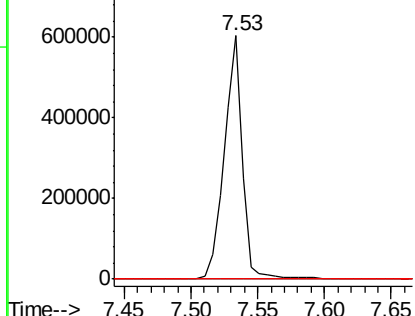
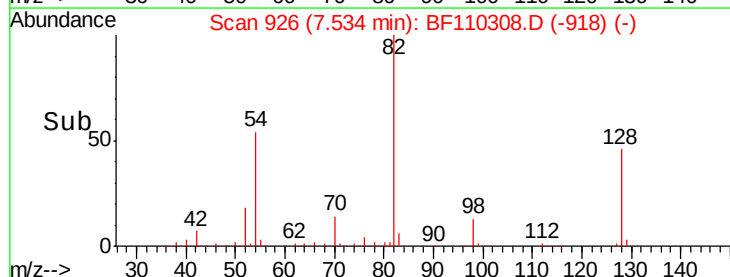


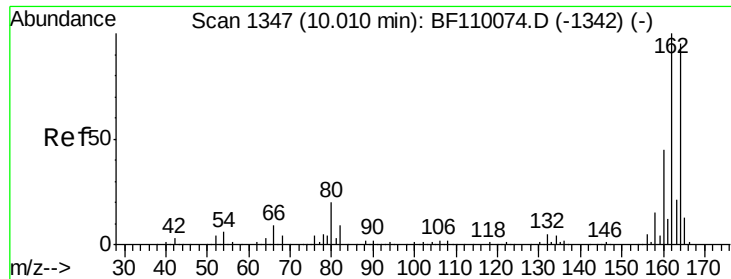
#25
Isophorone
Concen: 49.849 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

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. -0.01 min

Lab File: BF110308.D

Acq: 30 Oct 2018 17:35

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-D-S

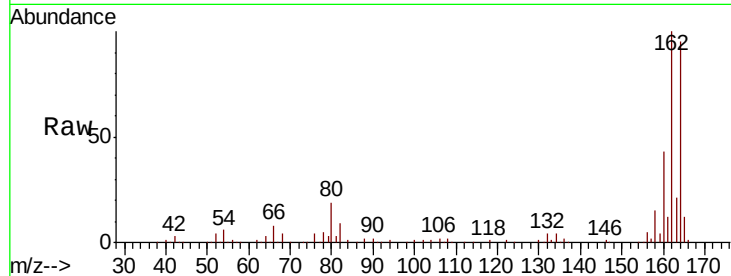
Tgt Ion:164 Resp: 179272

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

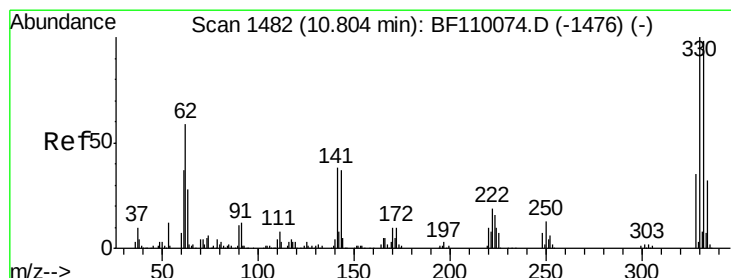
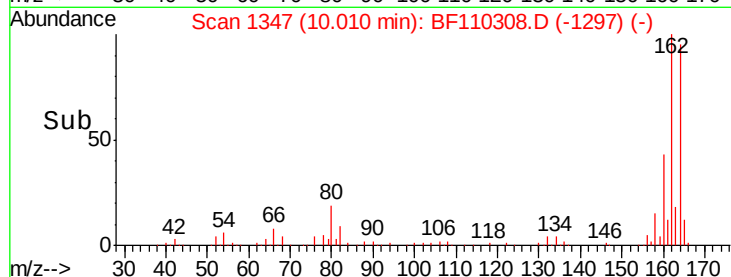
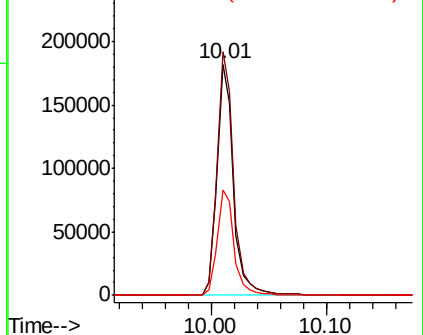
160 45.4 37.0 55.6



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: 70.758 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110308.D

Acq: 30 Oct 2018 17:35

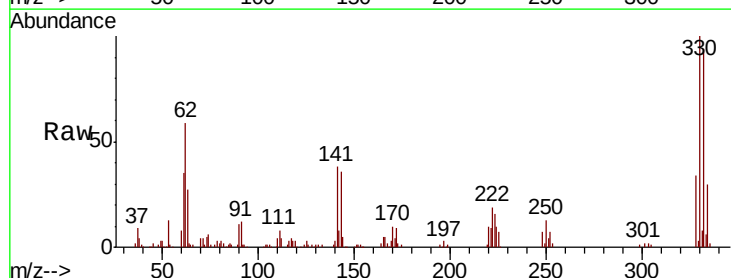
Tgt Ion:330 Resp: 125652

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

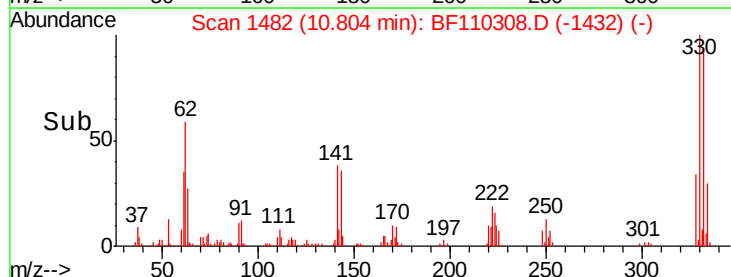
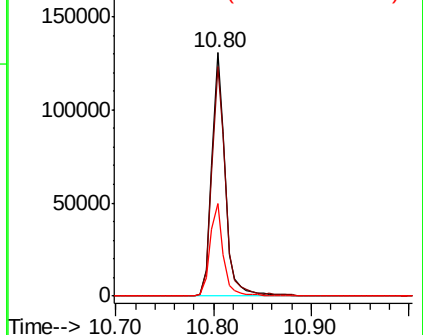
141 37.2 27.0 40.4

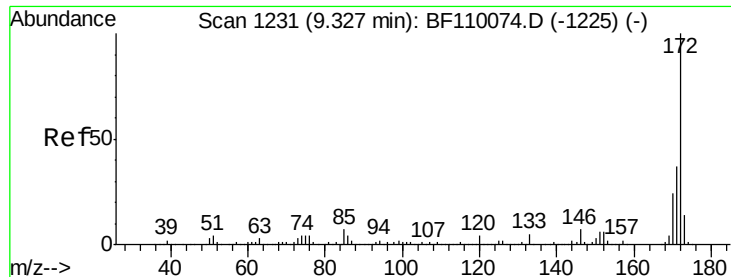


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

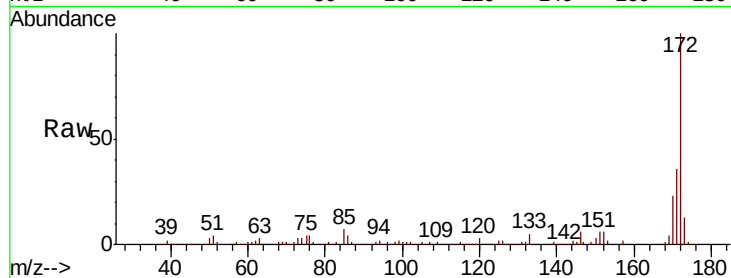




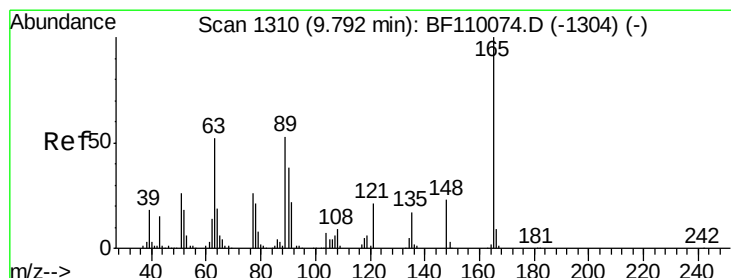
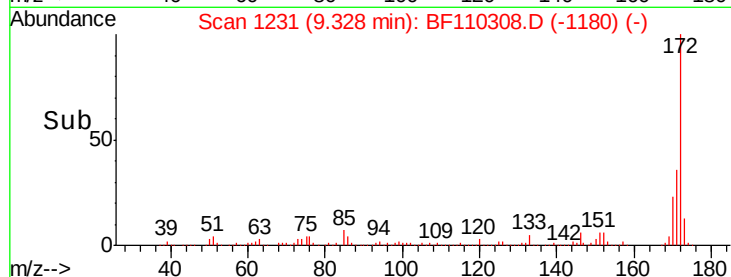
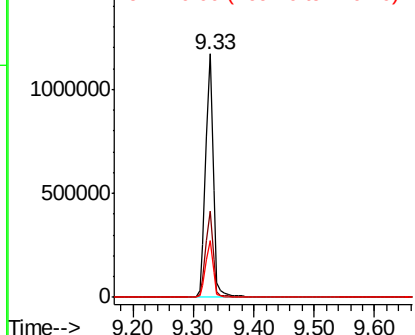
#45
 2-Fluorobiphenyl
 Concen: 91.573 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110308.D
 Acq: 30 Oct 2018 17:35

Instrument :
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 ClientSampleId :
 102618-TIPC-F-D-S

Tgt Ion:172 Resp: 1045463
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.2 19.7 29.5

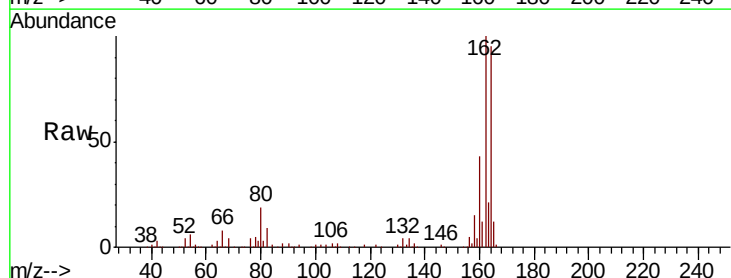


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

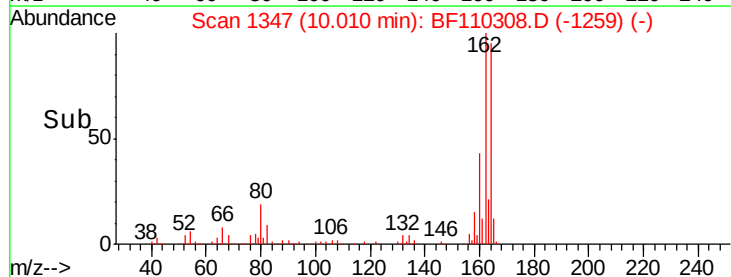
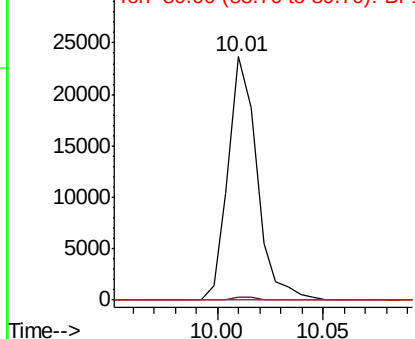


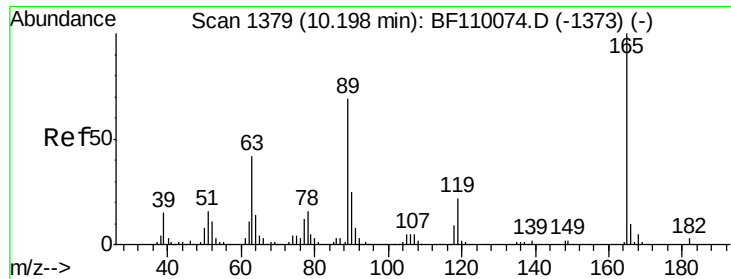
#51
 2,6-Dinitrotoluene
 Concen: 7.873 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110308.D
 Acq: 30 Oct 2018 17:35

Tgt Ion:165 Resp: 22443
 Ion Ratio Lower Upper
 165 100
 63 1.5 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

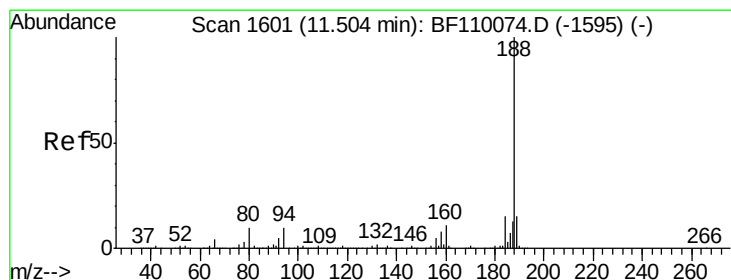
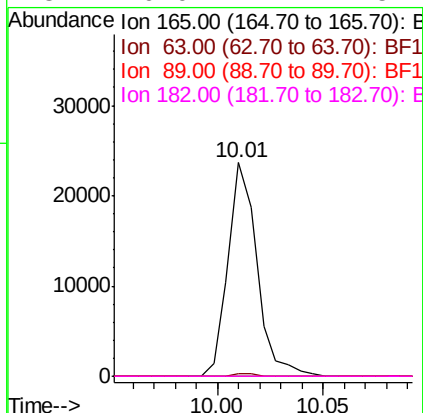
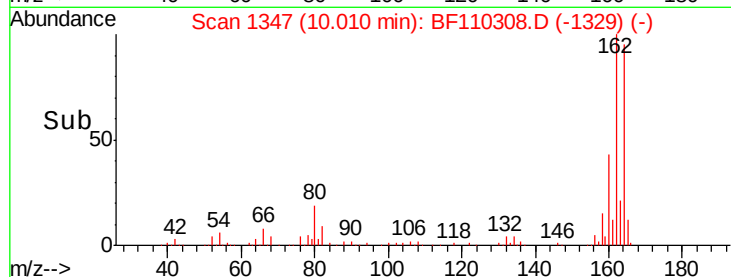
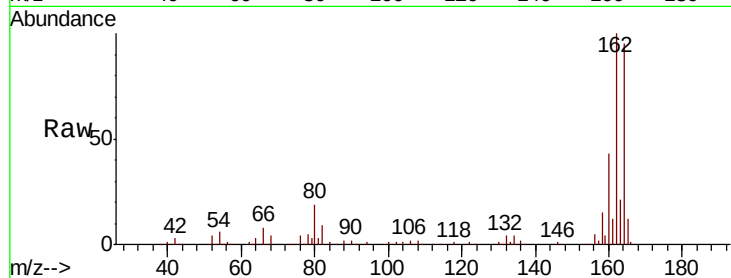




#57
 2,4-Dinitrotoluene
 Concen: 6.199 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF110308.D
 Acq: 30 Oct 2018 17:35

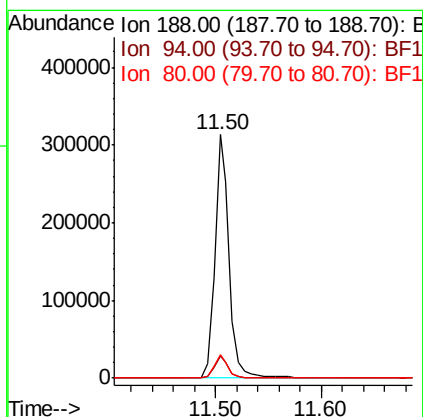
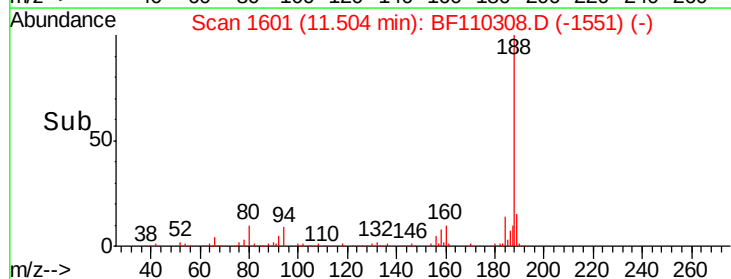
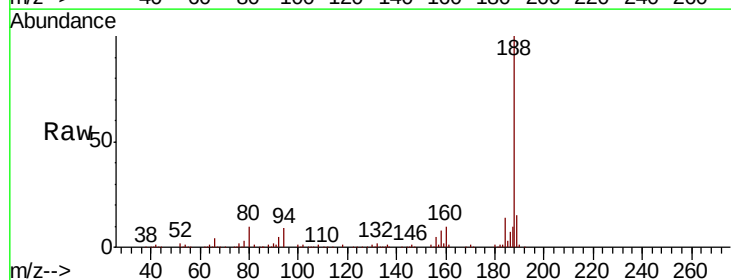
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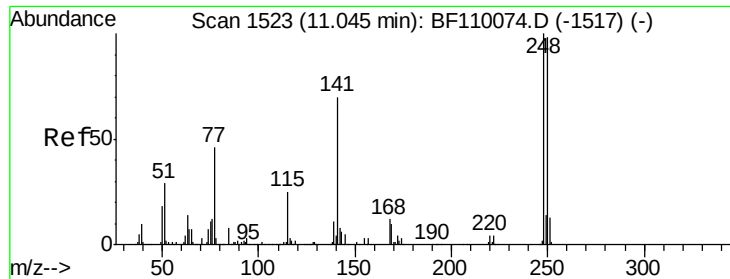
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110308.D
 Acq: 30 Oct 2018 17:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.5	7.9	11.9

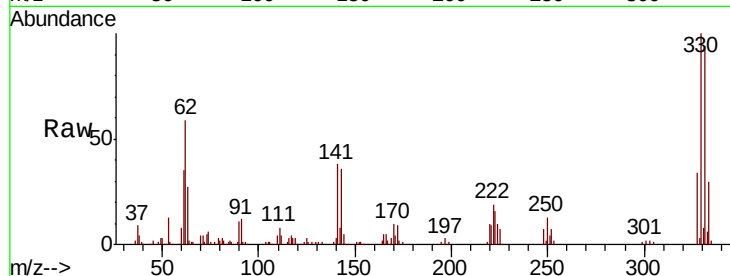




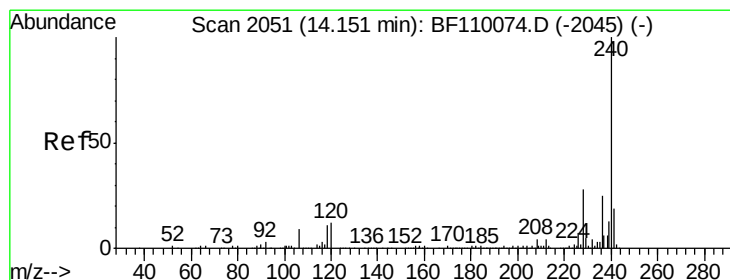
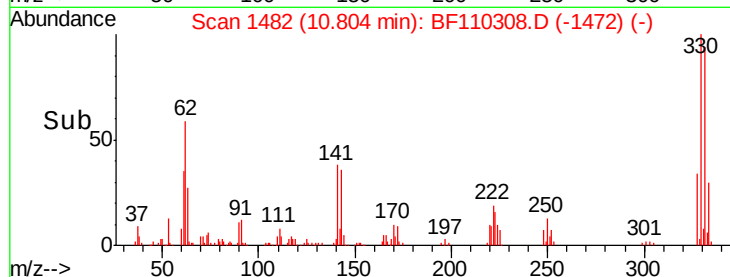
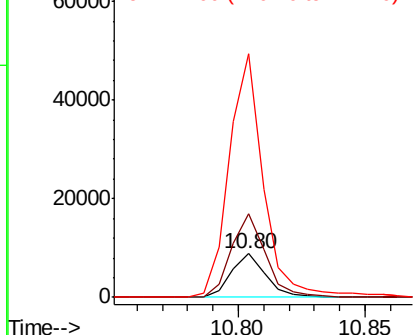
#67
4-Bromophenyl-phenylether
Concen: 2.580 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

Instrument :
BNA_F
ClientSampleId :
102618-TIPC-F-D-S

Tgt Ion:248 Resp: 8315
Ion Ratio Lower Upper
248 100
250 191.1 79.4 119.2#
141 556.7 55.9 83.9#

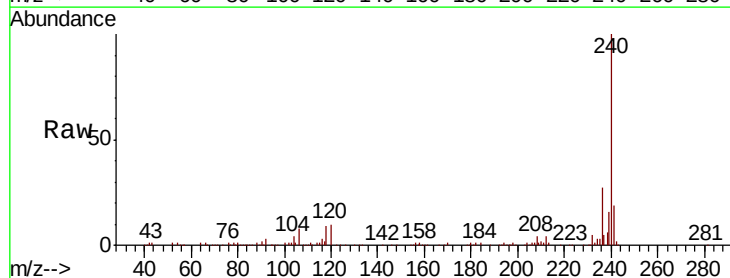


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

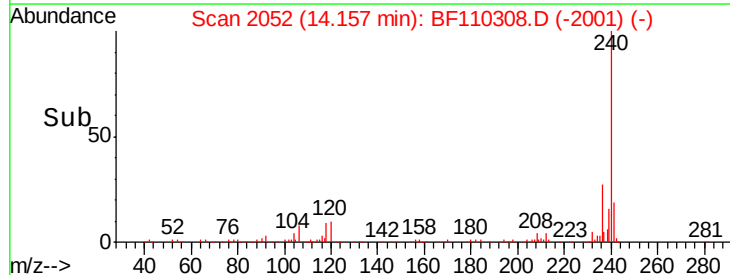
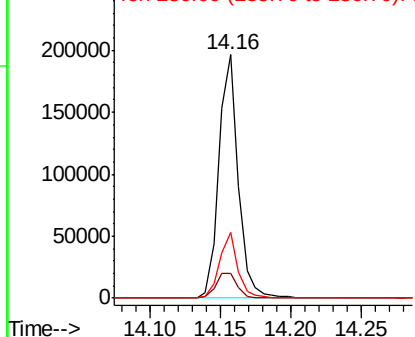


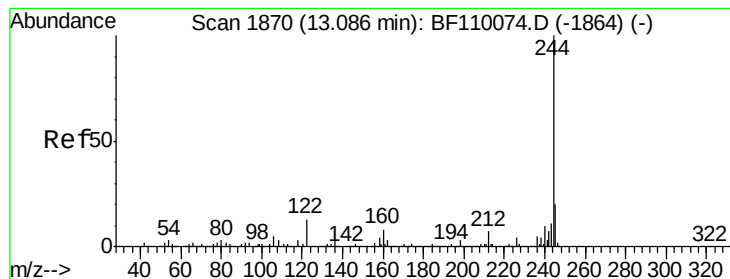
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110308.D
Acq: 30 Oct 2018 17:35

Tgt Ion:240 Resp: 186435
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 27.2 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: 88.965 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110308.D

Acq: 30 Oct 2018 17:35

Instrument :

BNA_F

ClientSampleId :

102618-TIPC-F-D-S

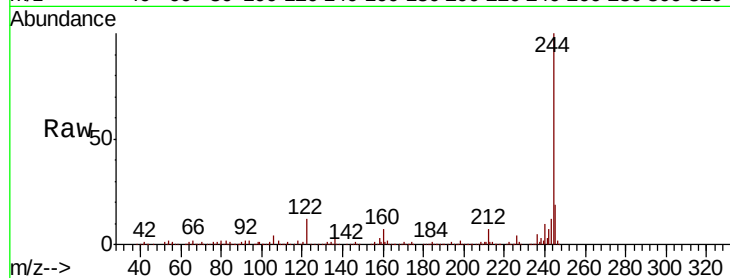
Tgt Ion:244 Resp: 797528

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

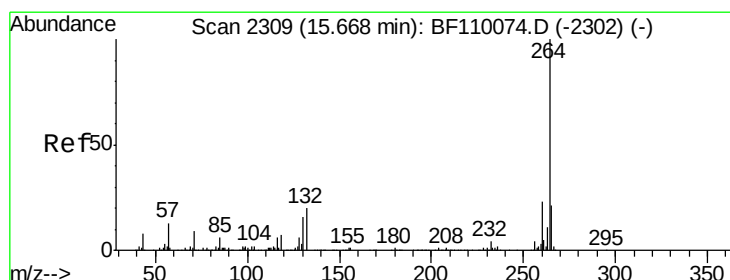
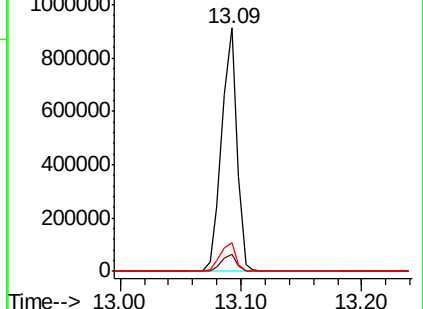
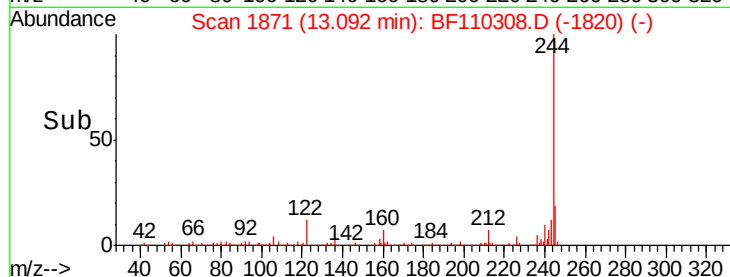
122 11.5 8.7 13.1



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: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110308.D

Acq: 30 Oct 2018 17:35

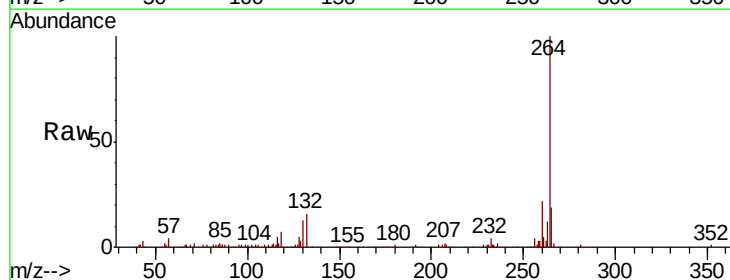
Tgt Ion:264 Resp: 157294

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 19.3 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

