

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110141.D
 Acq On : 25 Oct 2018 4:09
 Operator : JU/SJ
 Sample : J5640-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:05:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

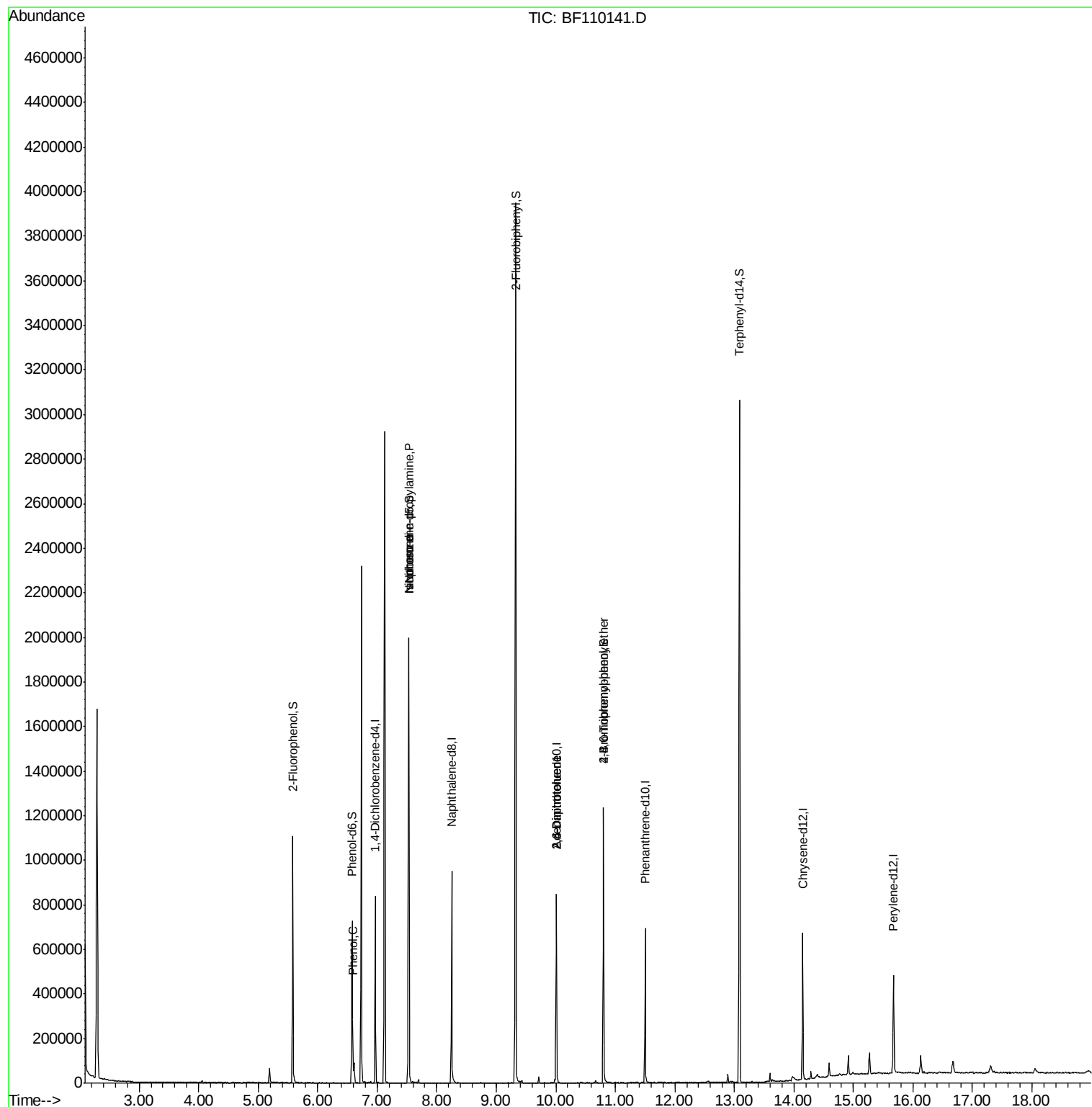
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123212	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	427311	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	161847	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	268170	20.00	ng	0.00
76) Chrysene-d12	14.15	240	235329	20.00	ng	0.00
87) Perylene-d12	15.67	264	155830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	304863	40.29	ng	0.00
7) Phenol-d6	6.58	99	218953	22.62	ng	0.00
23) Nitrobenzene-d5	7.53	82	730970	101.46	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	132297	82.52	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1211150	117.51	ng	0.00
79) Terphenyl-d14	13.09	244	997926	88.19	ng	0.00
Target Compounds						
10) Phenol	6.59	94	25993	2.513	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	97379	15.684	ng	# 78
25) Isophorone	7.53	82	730965	59.522	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	19720	7.663	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	19720	6.033	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8230	2.829	ng	# 1

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

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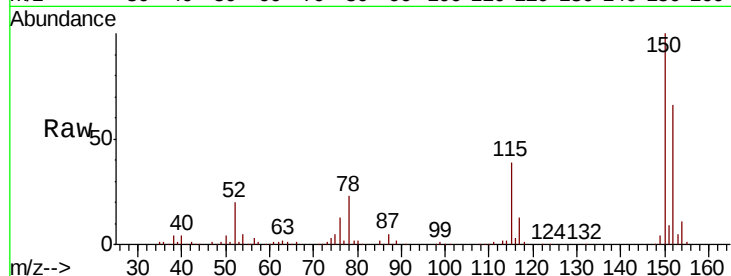


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110141.D
Acq: 25 Oct 2018 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.7	184.1
115	59.7	49.1	73.7

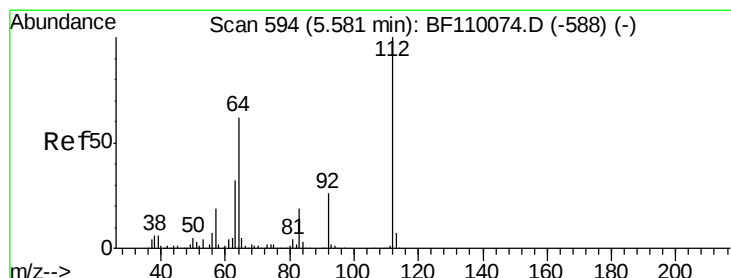
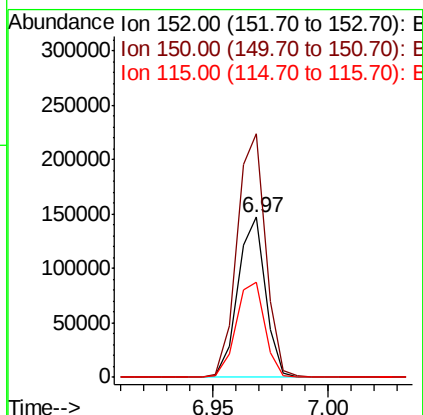
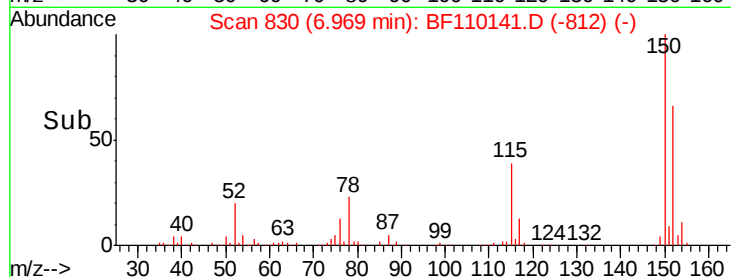


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

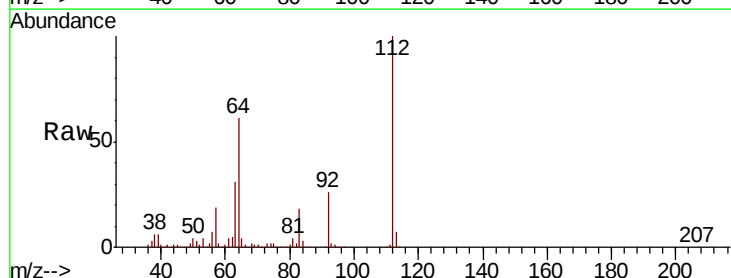
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.293 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110141.D
Acq: 25 Oct 2018 4:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	31.5	23.7	35.5

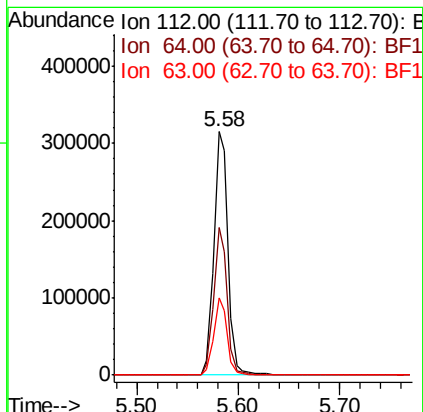
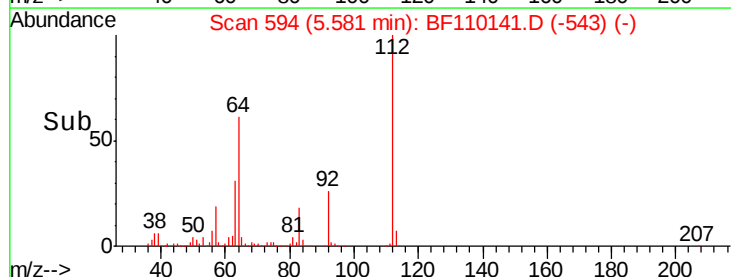


Abundance

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: 22.624 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110141.D

Acq: 25 Oct 2018 4:09

Instrument :

BNA_F

ClientSampleId :

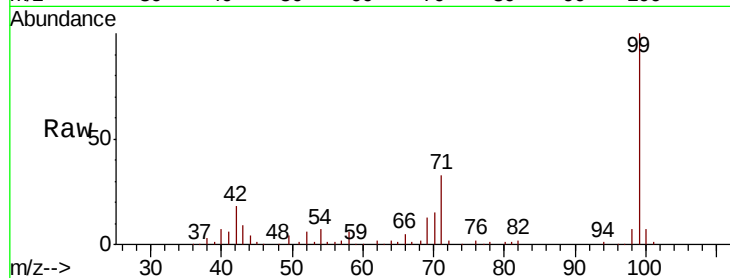
Tot Ion: 99 Resp: 218953

Ion Ratio Lower Upper

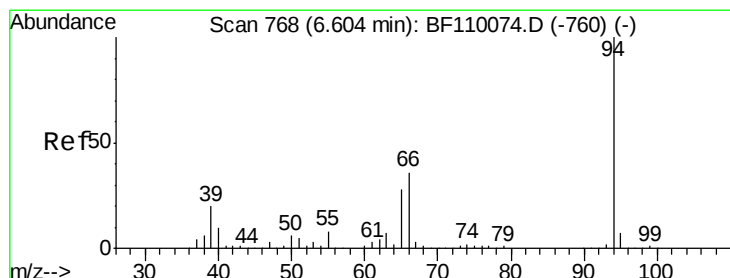
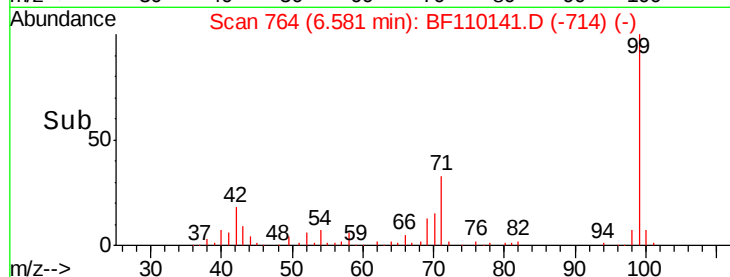
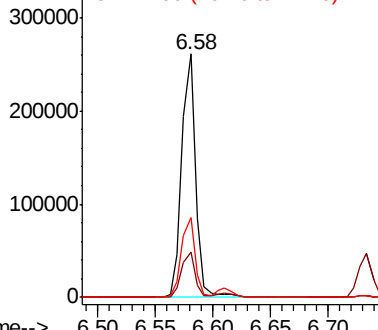
99 100

42 18.4 15.8 23.6

71 32.8 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: 2.513 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110141.D

Acq: 25 Oct 2018 4:09

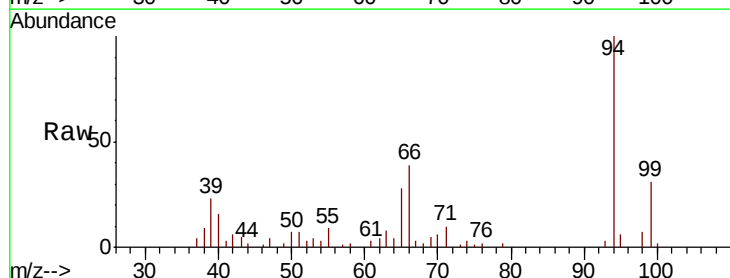
Tgt Ion: 94 Resp: 25993

Ion Ratio Lower Upper

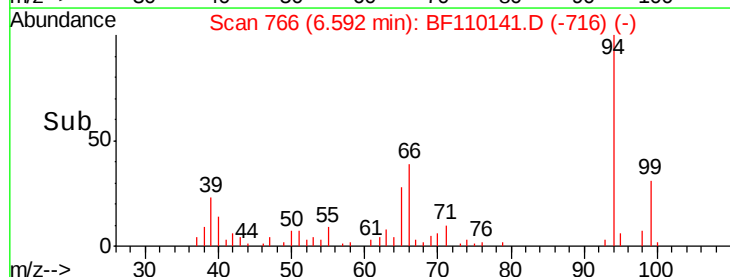
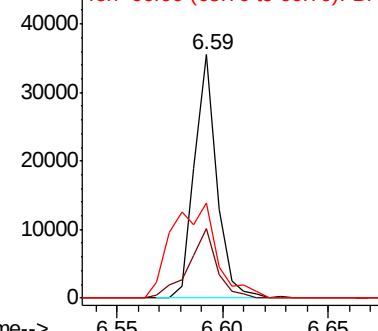
94 100

65 28.5 25.3 65.3

66 39.1 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

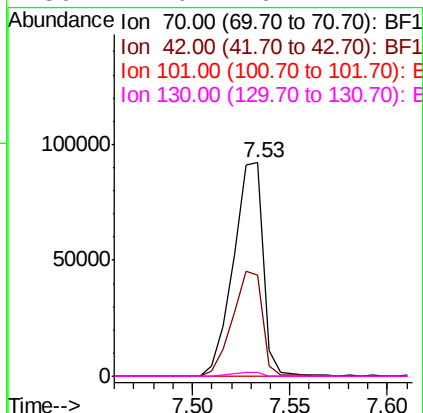
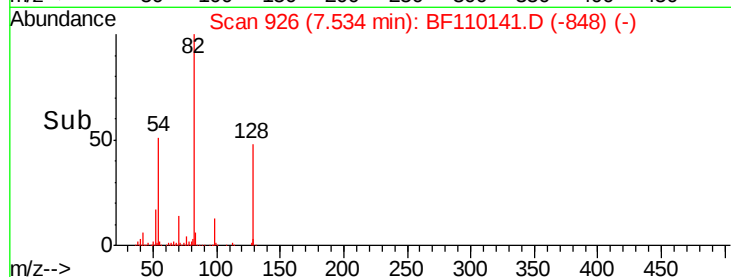
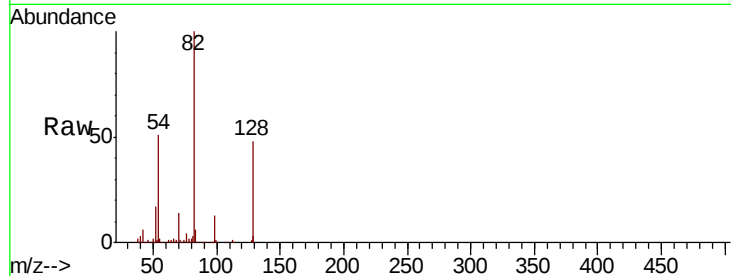




#19
n-Nitroso-di-n-propylamine
Concen: 15.684 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110141.D
Acq: 25 Oct 2018 4:09

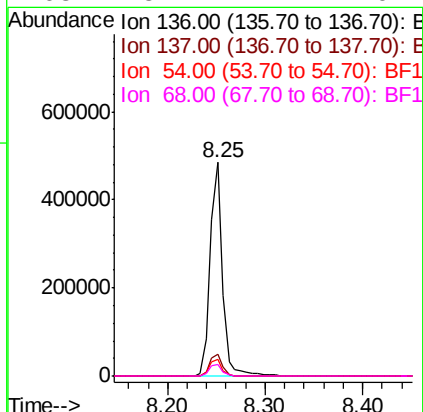
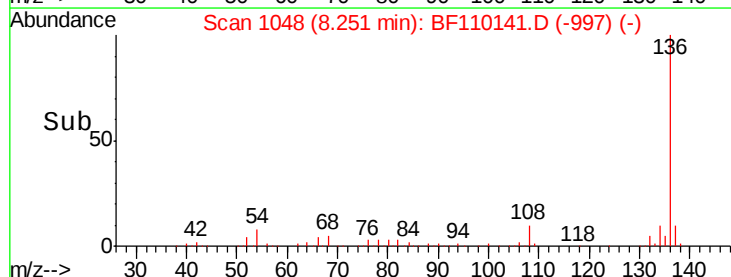
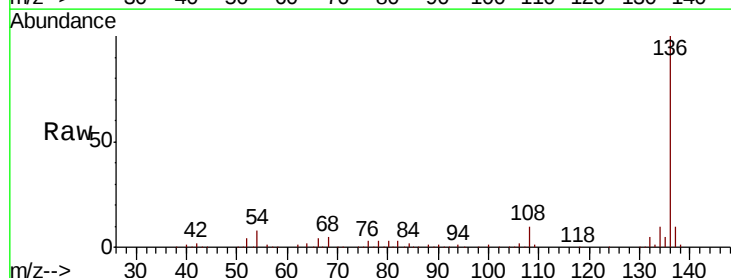
Instrument :
BNA_F
ClientSampled :

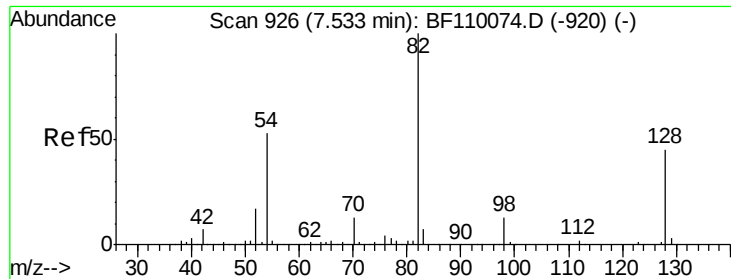
Tot Ion: 70 Resp: 97379
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110141.D
Acq: 25 Oct 2018 4:09

Tgt Ion: 136 Resp: 427311
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.8 5.4 8.2
68 5.4 4.2 6.2

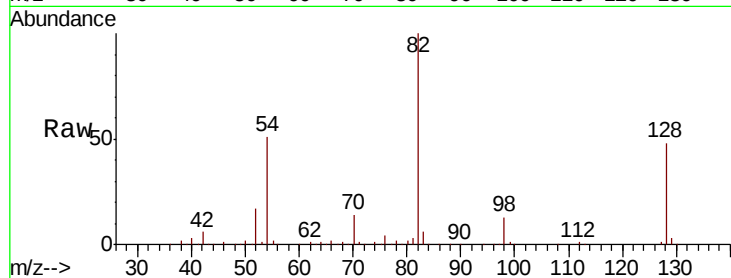




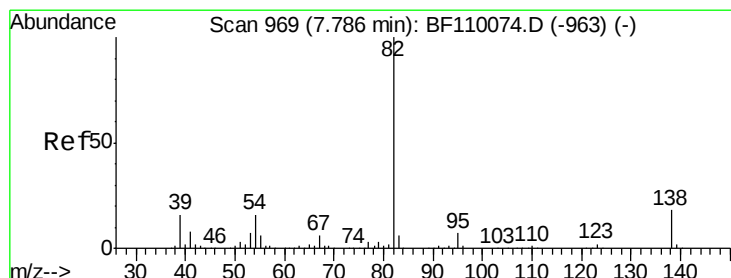
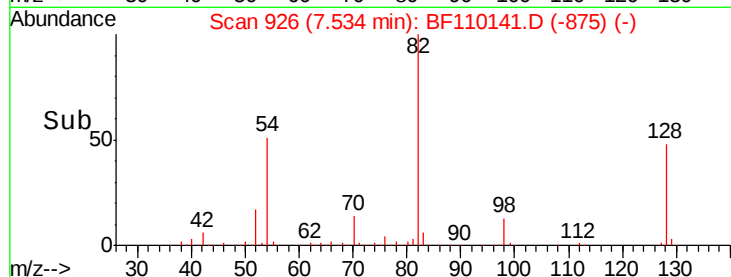
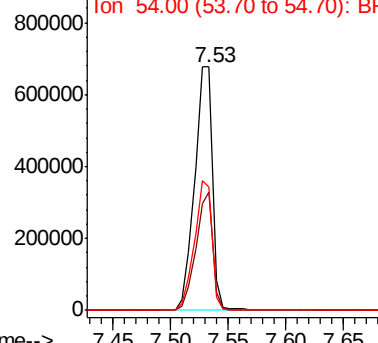
#23
 Nitrobenzene-d5
 Concen: 101.463 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.2	51.2
54	50.6	38.6	58.0

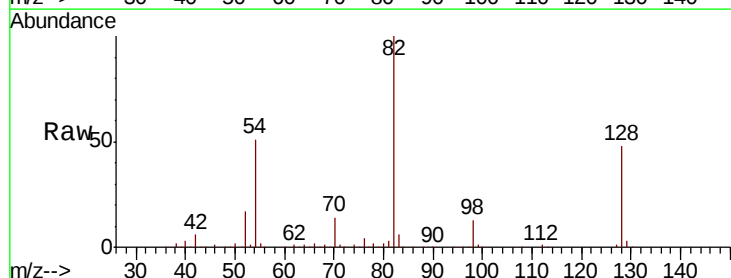


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

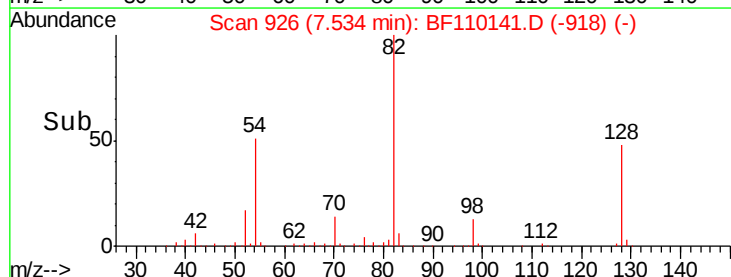
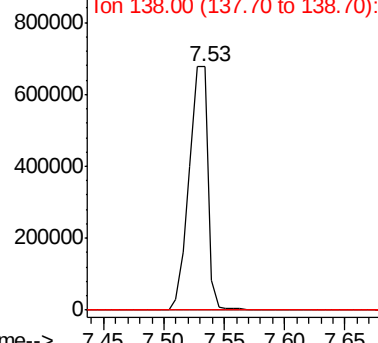


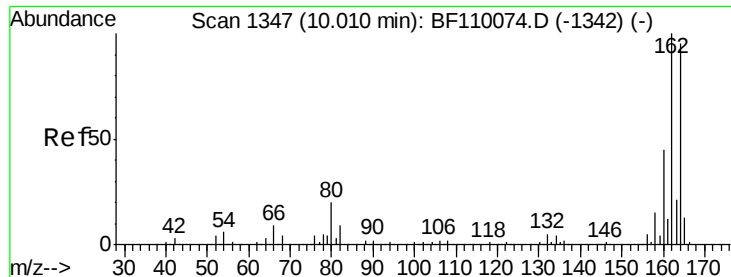
#25
 Isophorone
 Concen: 59.522 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

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. 0.00 min

Lab File: BF110141.D

Acq: 25 Oct 2018 4:09

Instrument :

BNA_F

ClientSampleId :

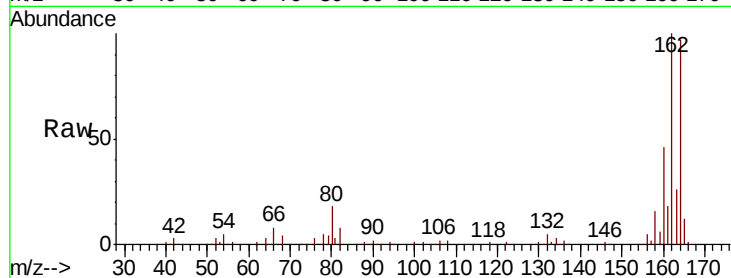
Tot Ion:164 Resp: 161847

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

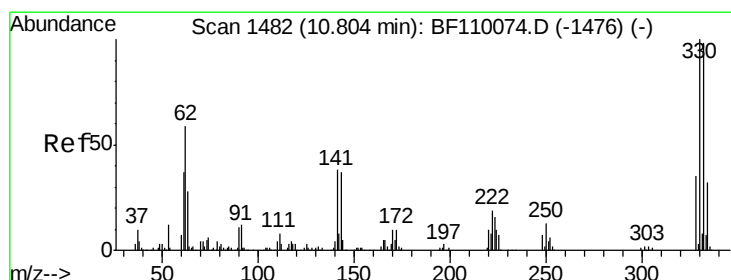
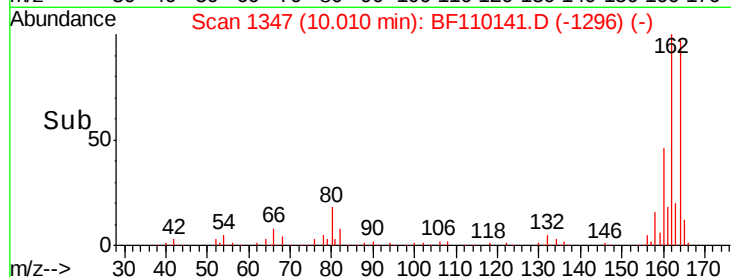
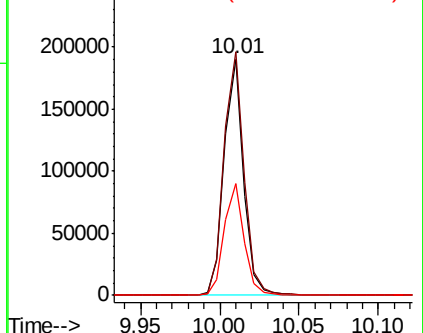
160 47.2 37.0 55.6



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: 82.520 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110141.D

Acq: 25 Oct 2018 4:09

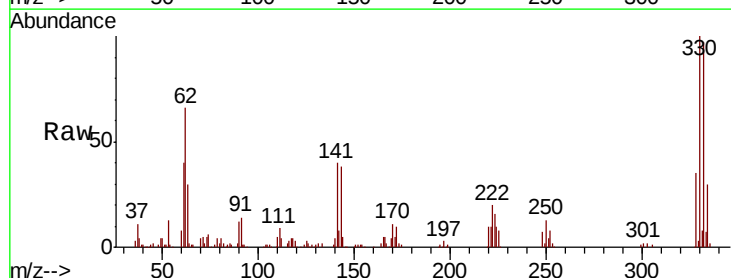
Tgt Ion:330 Resp: 132297

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

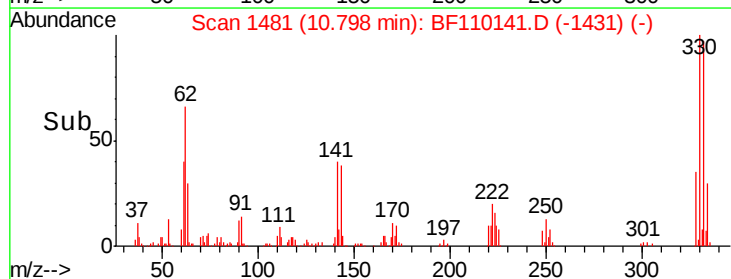
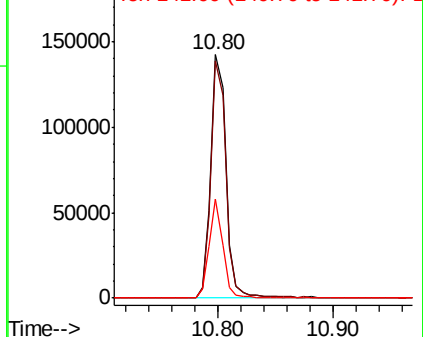
141 36.3 27.0 40.4



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



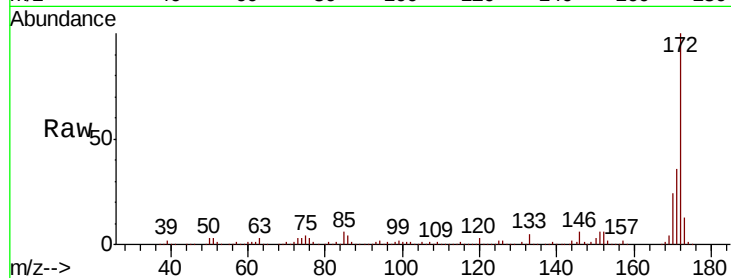


#45
 2-Fluorobiphenyl
 Concen: 117.507 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

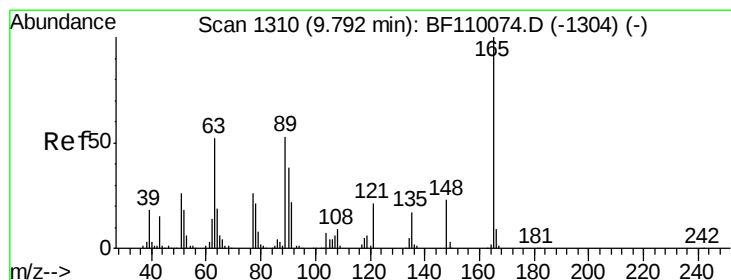
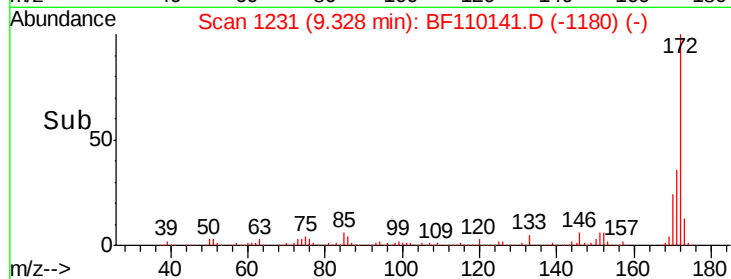
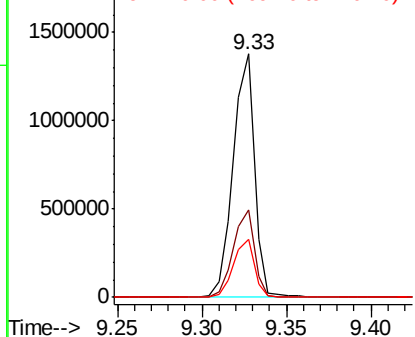
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1211150

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.7	29.5



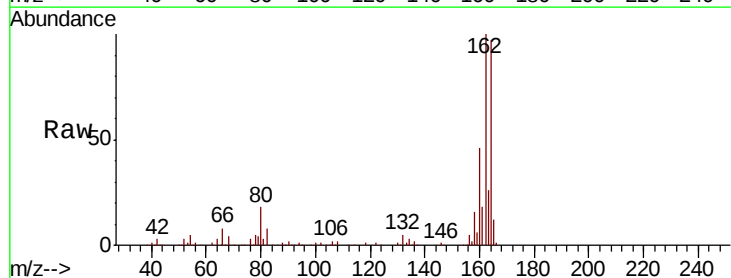
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



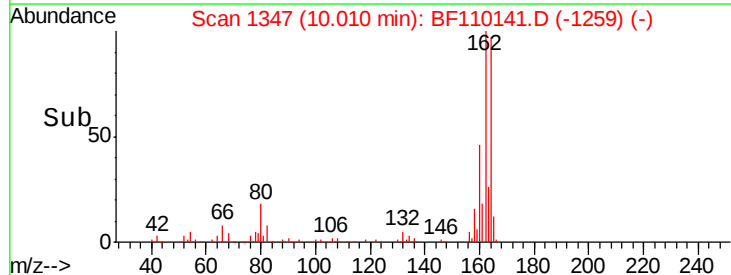
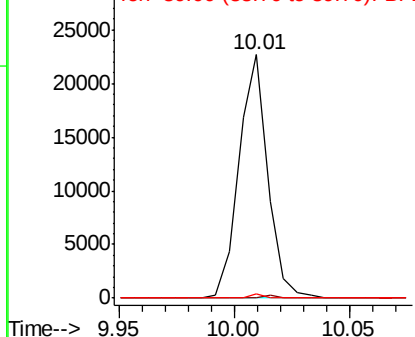
#51
 2,6-Dinitrotoluene
 Concen: 7.663 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

Tgt Ion:165 Resp: 19720

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.9	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

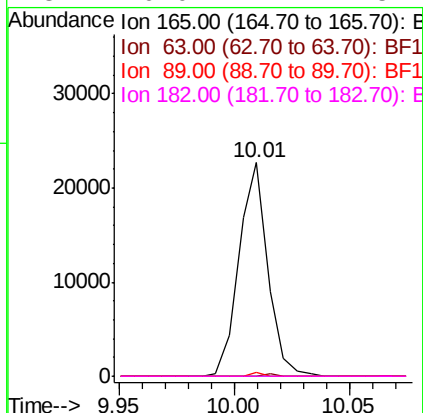
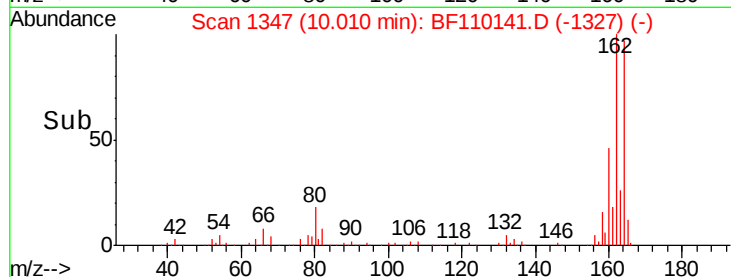
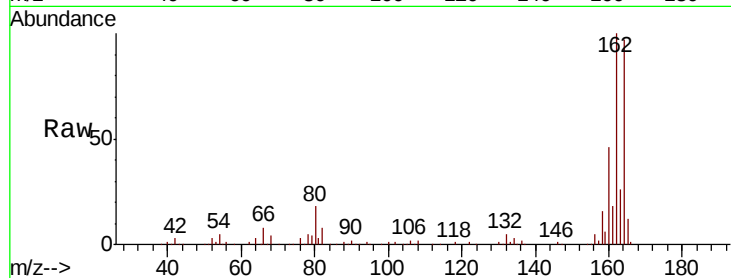




#57
 2,4-Dinitrotoluene
 Concen: 6.033 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.18 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

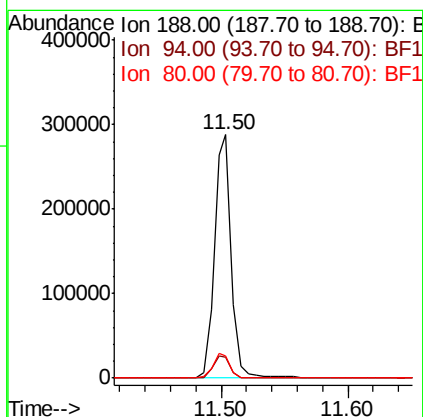
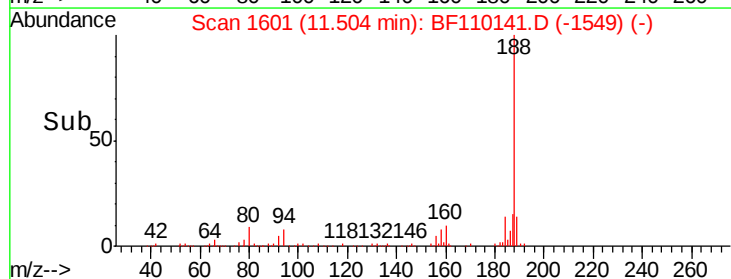
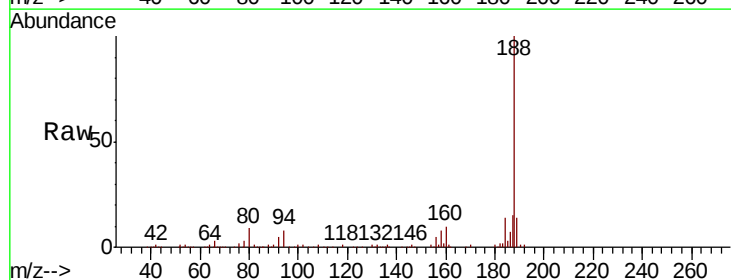
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	19720
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	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: BF110141.D
 Acq: 25 Oct 2018 4:09

Tgt Ion:	188	Resp:	268170
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.2	7.9	11.9

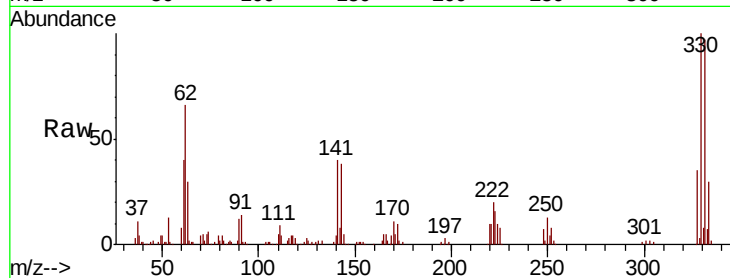




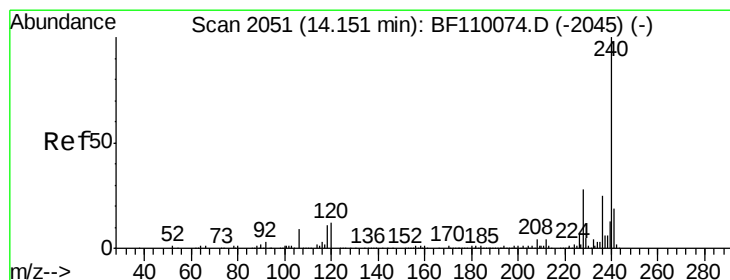
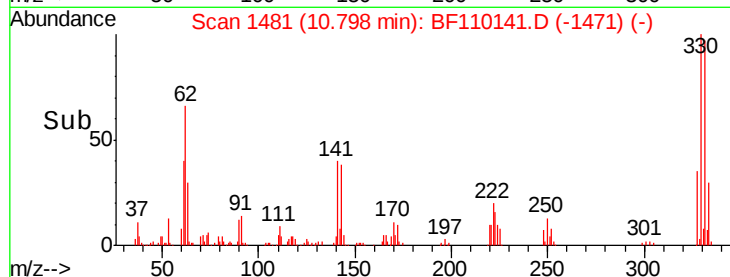
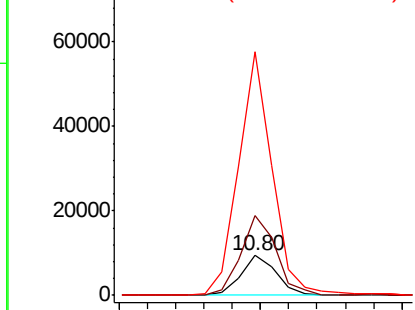
#67
4-Bromophenyl-phenylether
Concen: 2.829 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110141.D
Acq: 25 Oct 2018 4:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8230
Ion Ratio Lower Upper
248 100
250 201.0 79.4 119.2#
141 609.6 55.9 83.9#

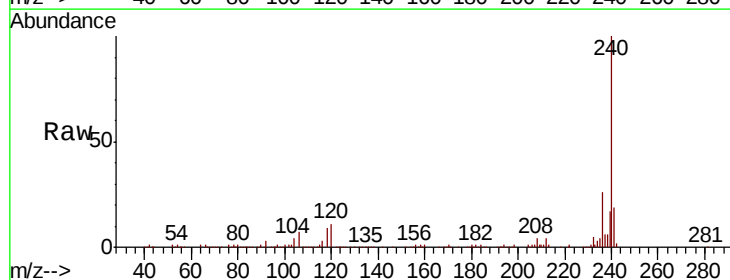


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

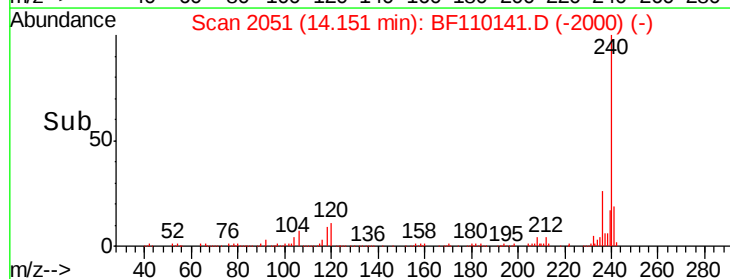
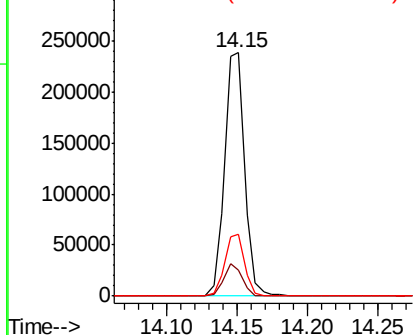


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF110141.D
Acq: 25 Oct 2018 4:09

Tgt Ion:240 Resp: 235329
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 25.6 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

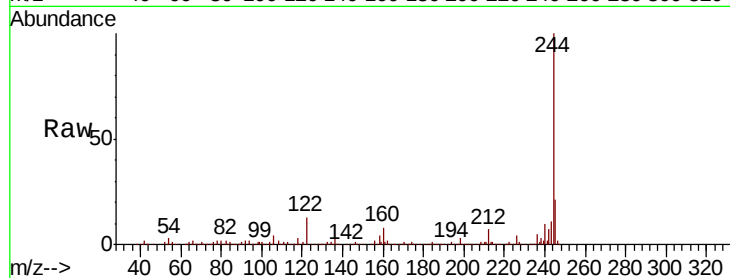




#79
 Terphenyl-d14
 Concen: 88.191 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	8.7	13.1

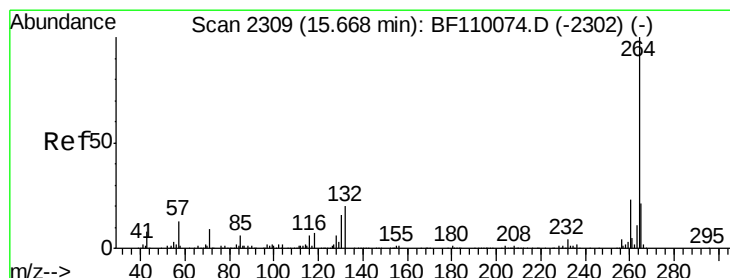
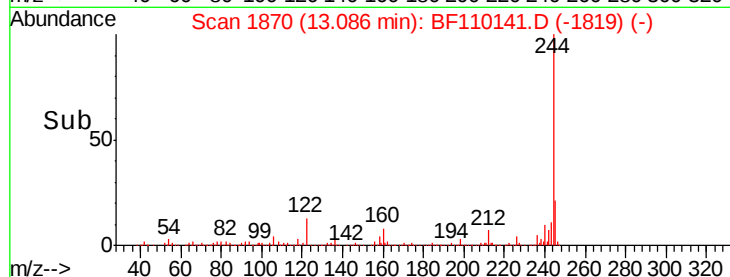
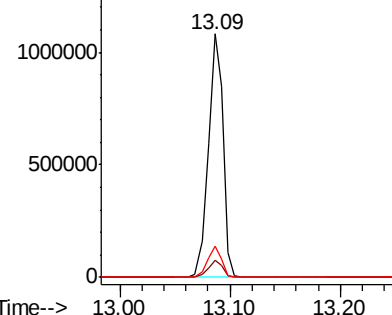


Abundance

Ion 244.00 (243.70 to 244.70): E

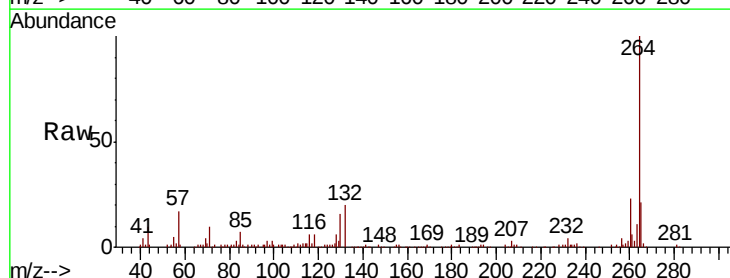
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110141.D
 Acq: 25 Oct 2018 4:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.3	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

