

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110874.D
 Acq On : 20 Nov 2018 1:40
 Operator : JU/SJ
 Sample : J5985-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-TIPC-E-D-M

Quant Time: Nov 20 05:58:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

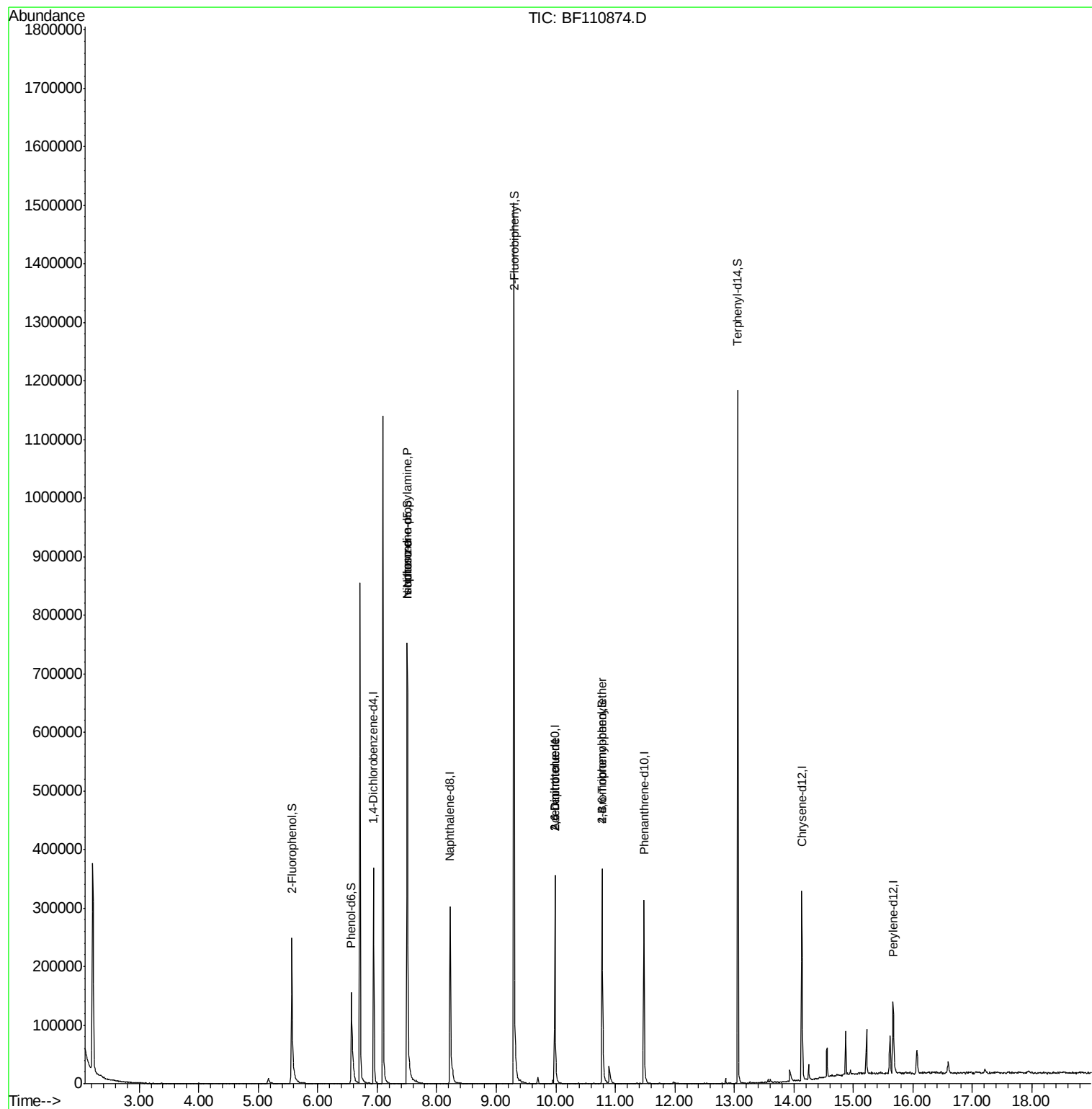
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53085	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	217144	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	87606	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	143579	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126474	20.00	ng	0.00
87) Perylene-d12	15.67	264	79866	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	107824	32.99	ng	0.00
7) Phenol-d6	6.57	99	79823	19.10	ng	0.00
23) Nitrobenzene-d5	7.50	82	302970	80.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	56925	64.49	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	565108	92.13	ng	0.00
79) Terphenyl-d14	13.06	244	397320	58.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	39470	14.796	ng	# 81
25) Isophorone	7.50	82	302968	49.024	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	10826	7.529	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	10826	5.790	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3445	2.171	ng	# 1

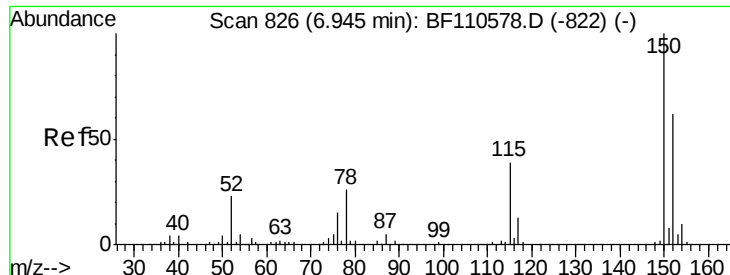
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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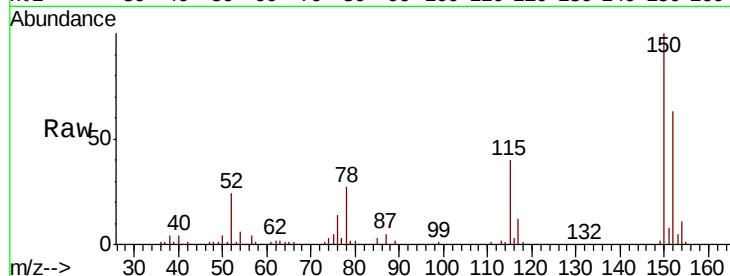




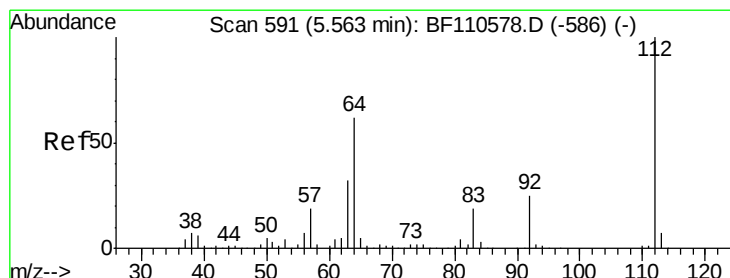
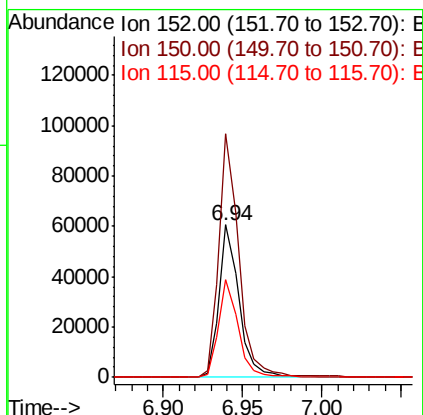
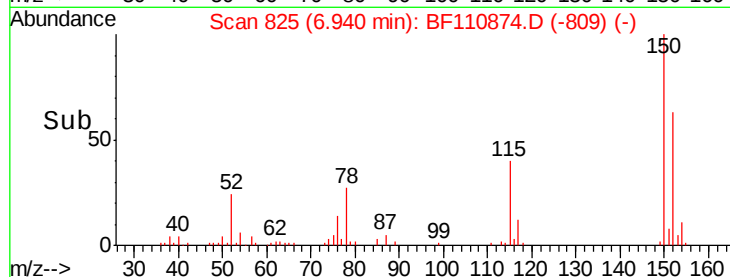
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 111518-TIPC-E-D-M

Tgt Ion:152 Resp: 53085
 Ion Ratio Lower Upper
 152 100
 150 160.0 122.7 184.1
 115 64.2 49.1 73.7

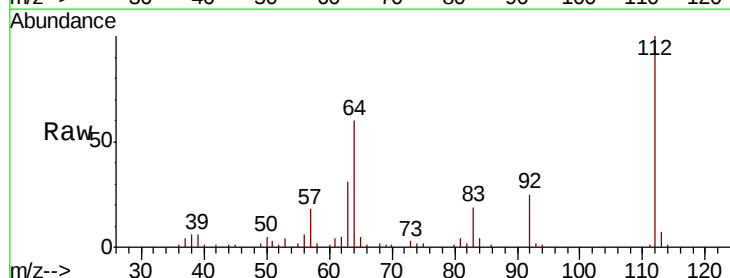


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

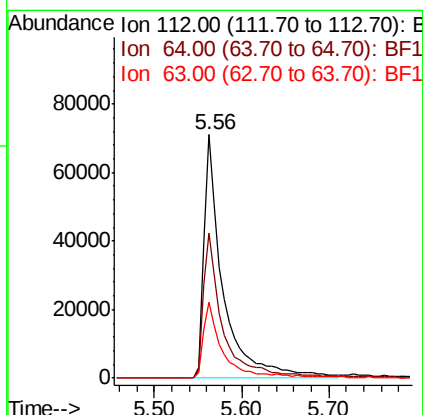
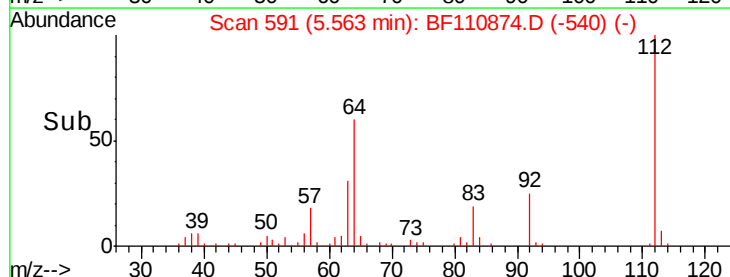


#5
 2-Fluorophenol
 Concen: 32.992 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Tgt Ion:112 Resp: 107824
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 31.1 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: 19.100 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Instrument :

BNA_F

ClientSampleId :

111518-TIPC-E-D-M

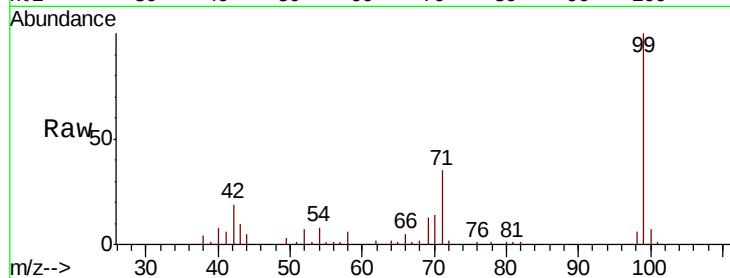
Tgt Ion: 99 Resp: 79823

Ion Ratio Lower Upper

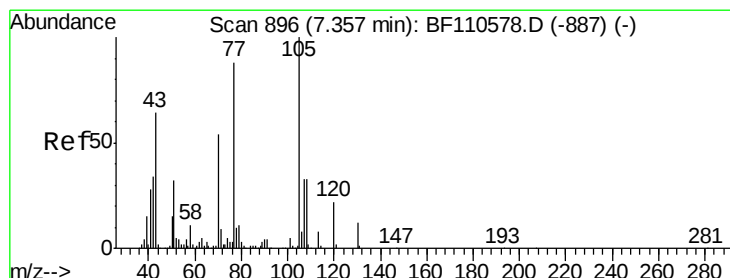
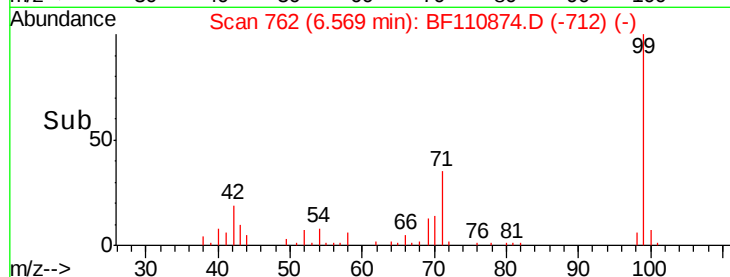
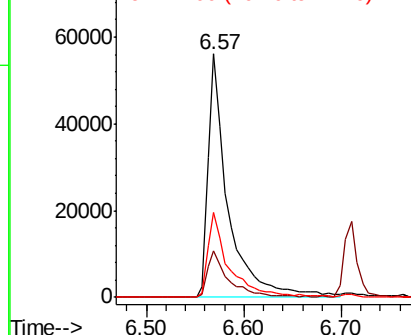
99 100

42 19.0 15.8 23.6

71 34.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.796 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Tgt Ion: 70 Resp: 39470

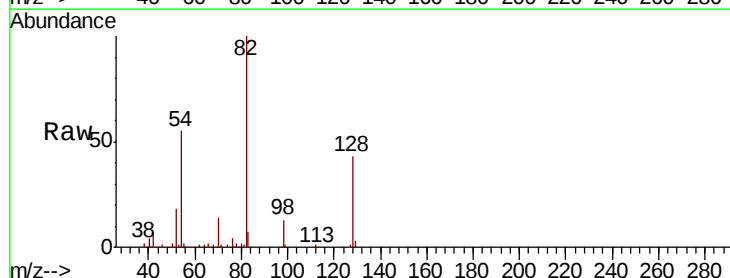
Ion Ratio Lower Upper

70 100

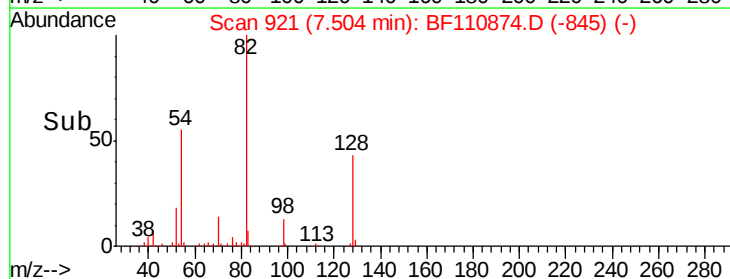
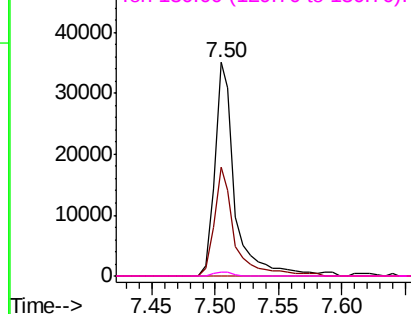
42 51.2 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

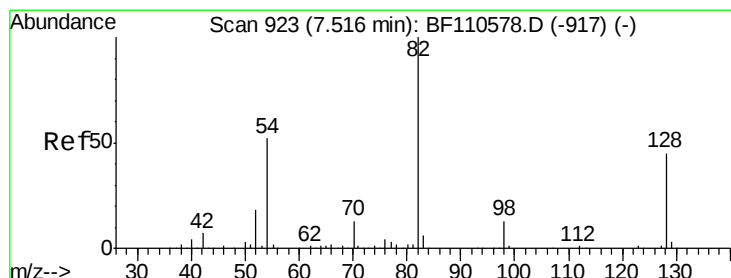
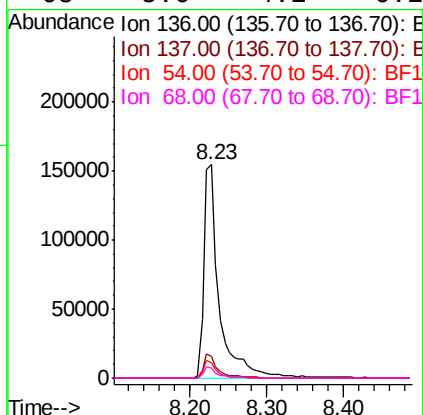
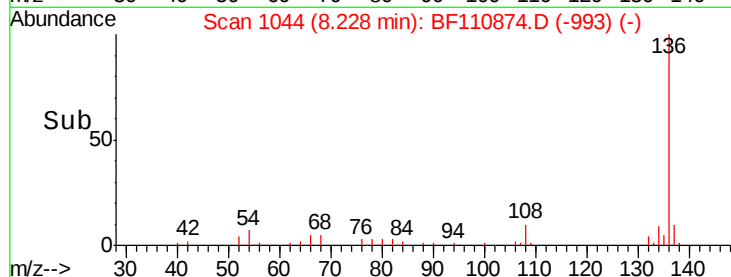
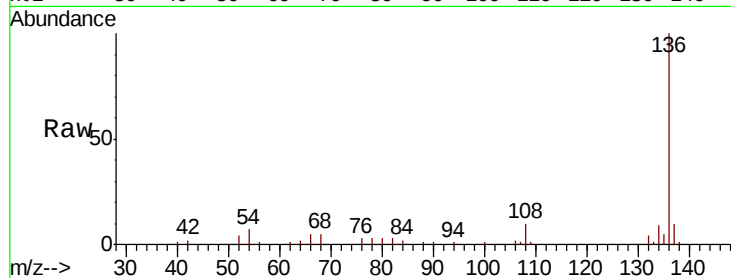




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

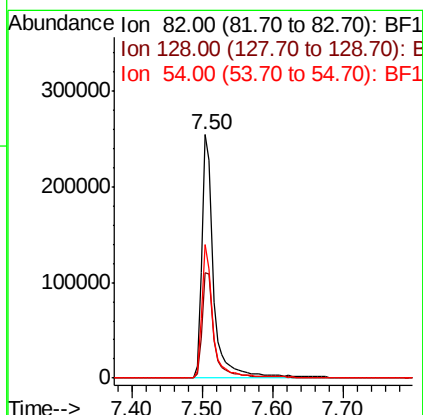
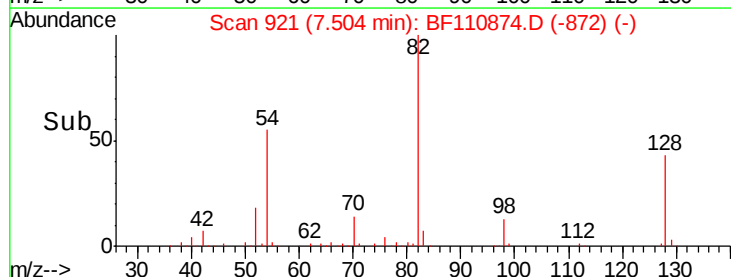
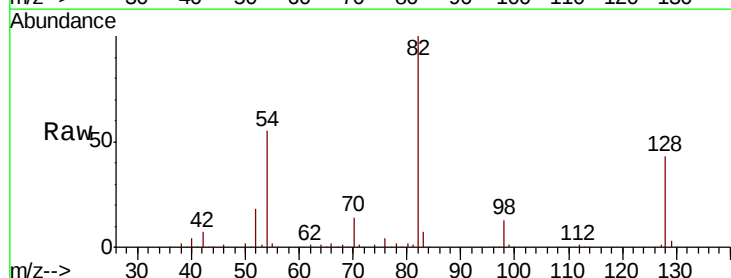
Instrument :
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ClientSampleId :
111518-TIPC-E-D-M

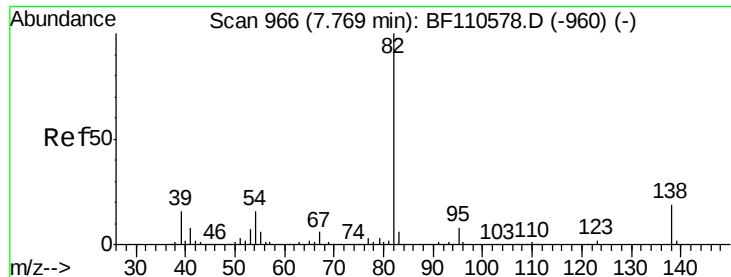
Tgt Ion:	136	Resp:	217144
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.3	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 80.352 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

Tgt Ion:	82	Resp:	302970
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	54.8	38.6	58.0





#25

Isophorone

Concen: 49.024 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Instrument :

BNA_F

ClientSampleId :

111518-TIPC-E-D-M

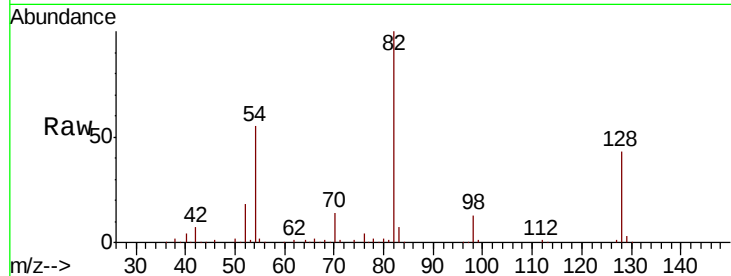
Tgt Ion: 82 Resp: 302968

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

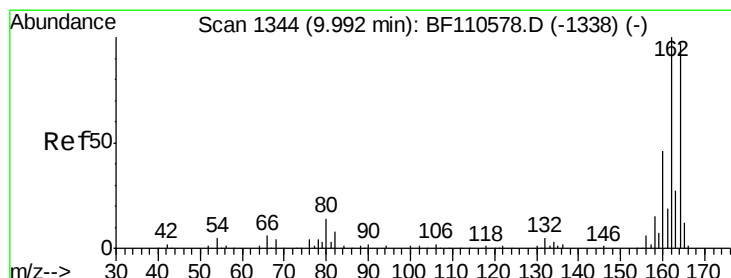
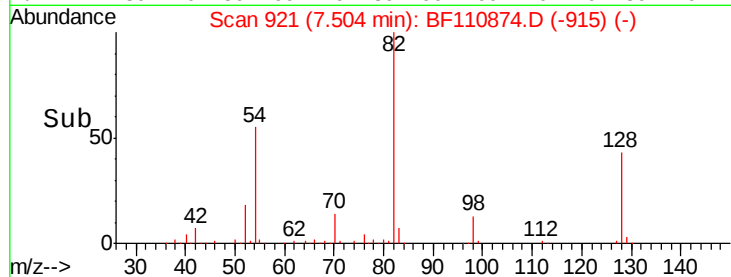
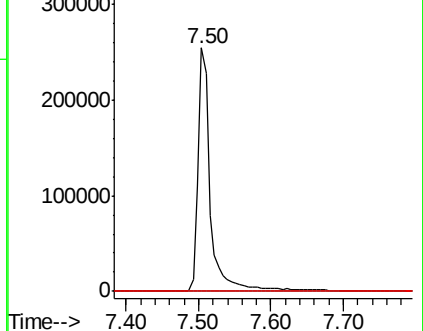
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

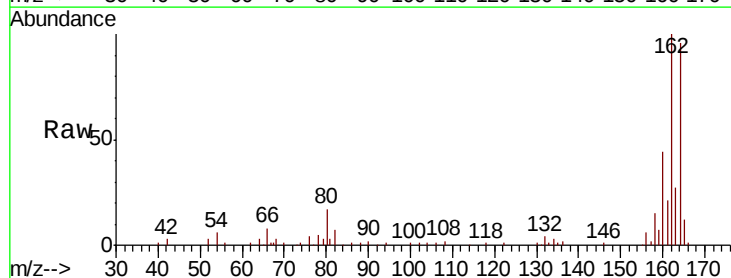
Tgt Ion: 164 Resp: 87606

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

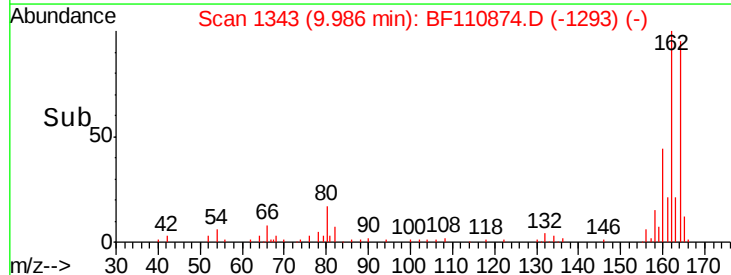
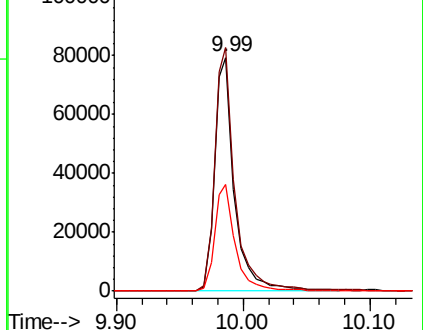
160 45.5 37.0 55.6

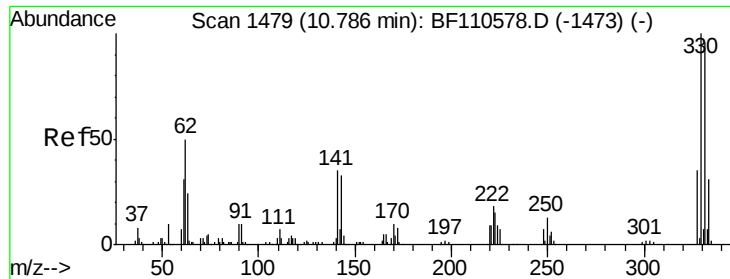


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

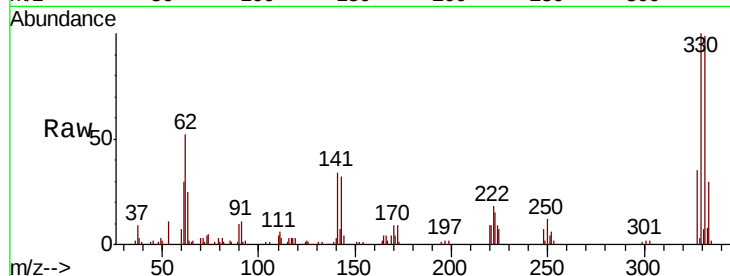




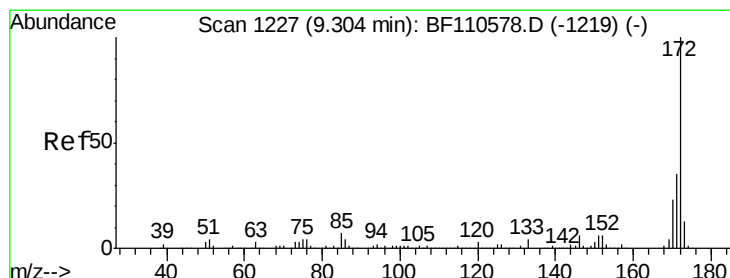
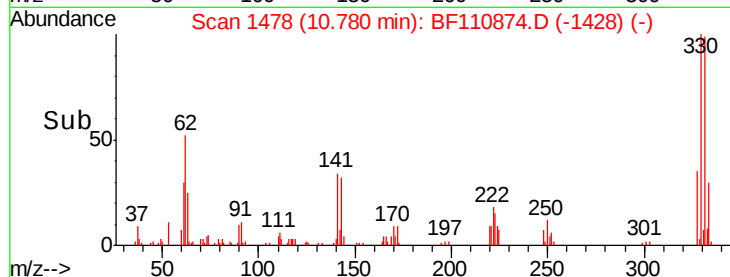
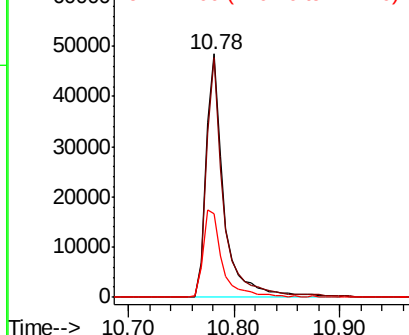
#42
 2,4,6-Tribromophenol
 Concen: 64.487 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Instrument :
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 111518-TIPC-E-D-M

Tgt Ion: 330 Resp: 56925
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 38.4 27.0 40.4

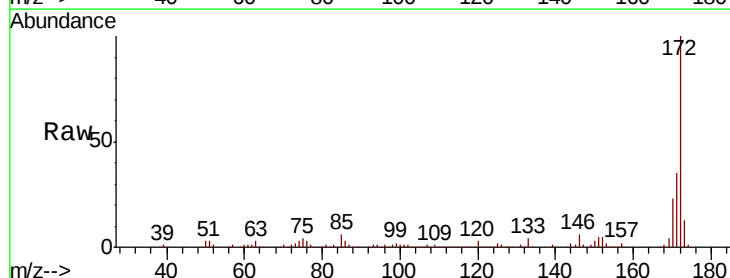


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

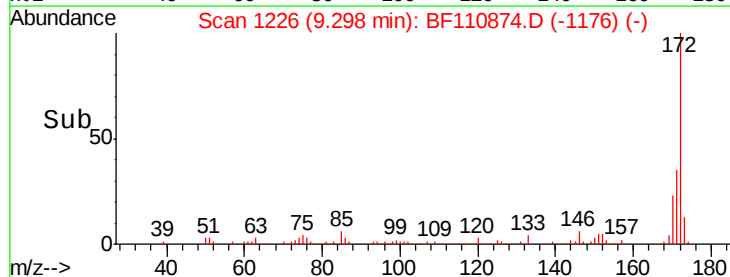
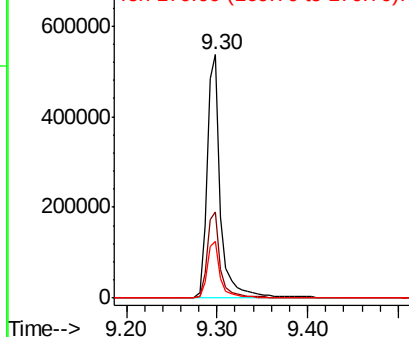


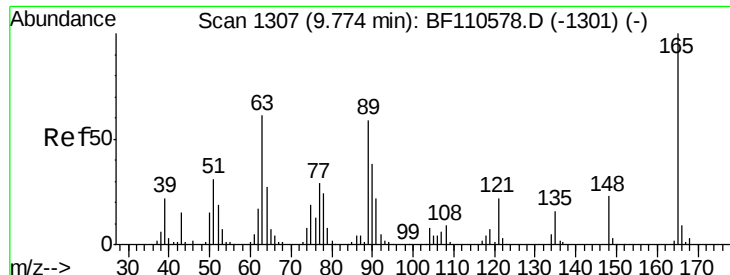
#45
 2-Fluorobiphenyl
 Concen: 92.126 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Tgt Ion: 172 Resp: 565108
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.3 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

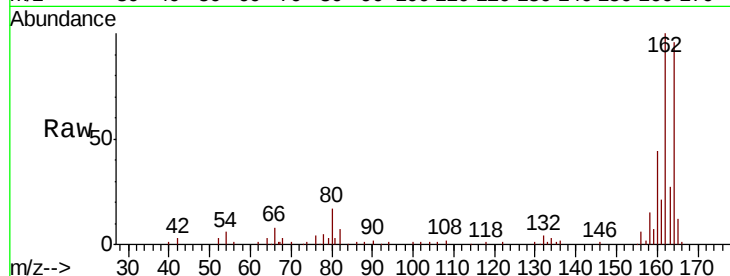




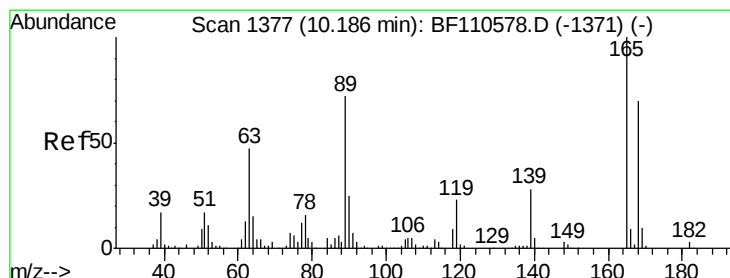
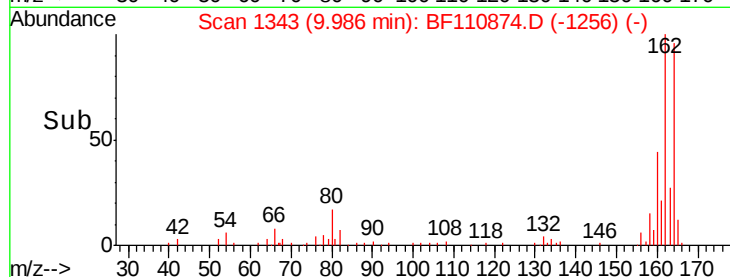
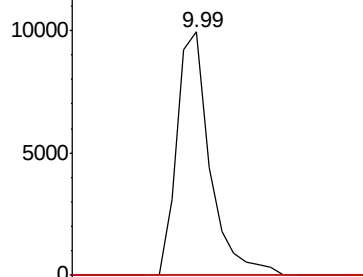
#51
 2,6-Dinitrotoluene
 Concen: 7.529 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Instrument :
 BNA_F
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 111518-TIPC-E-D-M

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



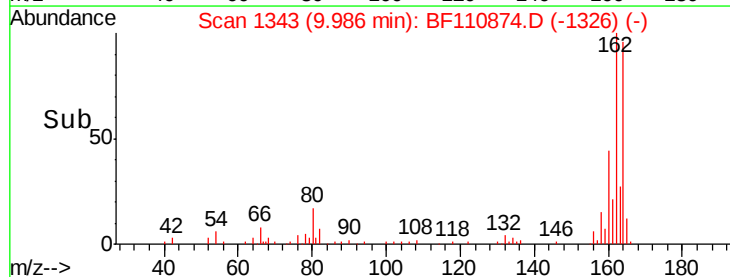
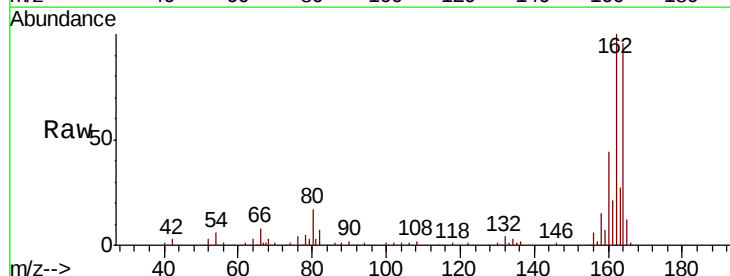
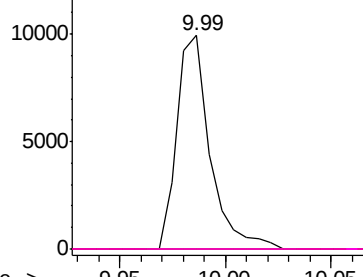
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

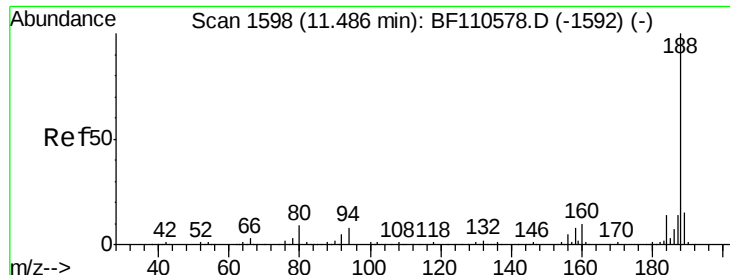


#57
 2,4-Dinitrotoluene
 Concen: 5.790 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Tgt 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

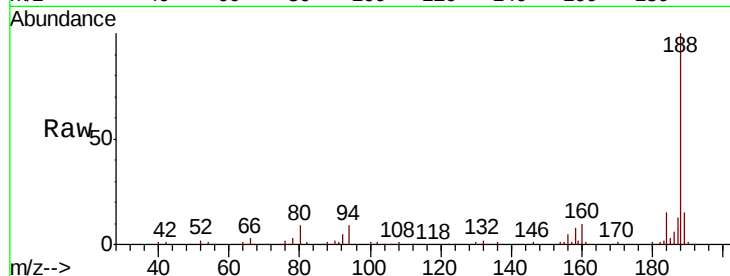




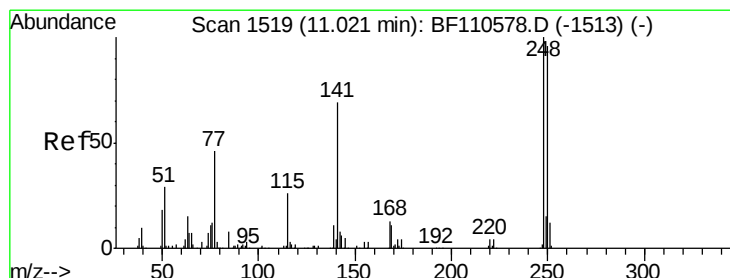
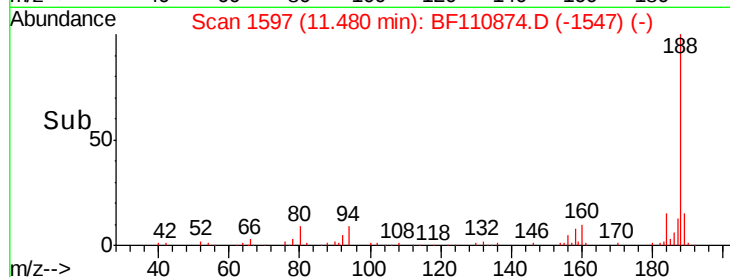
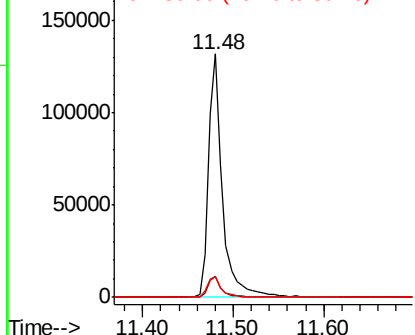
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

Instrument :
BNA_F
ClientSampleId :
111518-TIPC-E-D-M

Tgt Ion:188 Resp: 143579
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 8.8 7.9 11.9

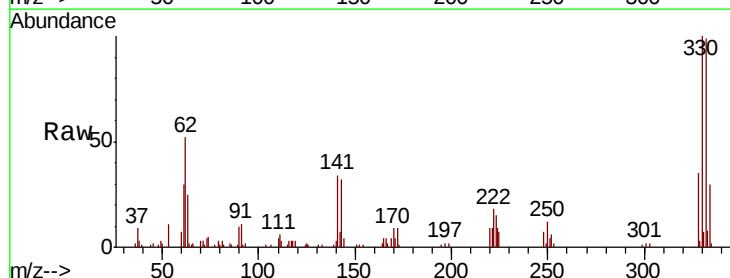


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

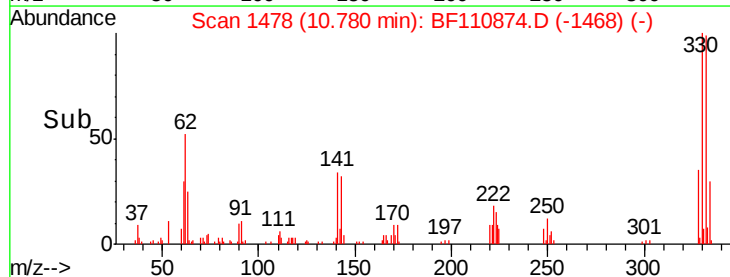
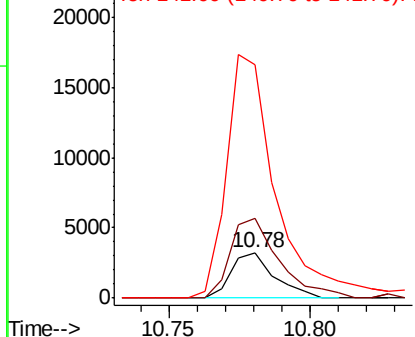


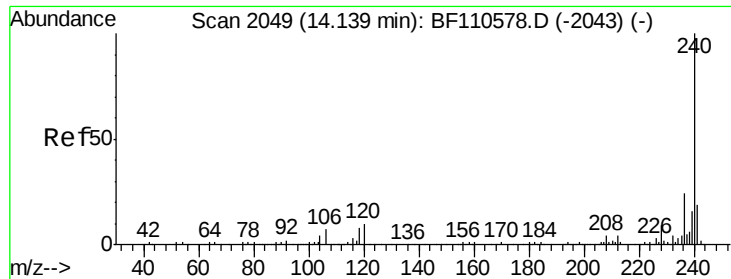
#67
4-Bromophenyl-phenylether
Concen: 2.171 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

Tgt Ion:248 Resp: 3445
Ion Ratio Lower Upper
248 100
250 173.6 79.4 119.2#
141 509.8 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

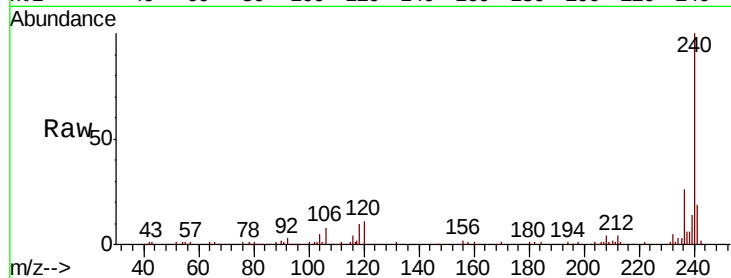




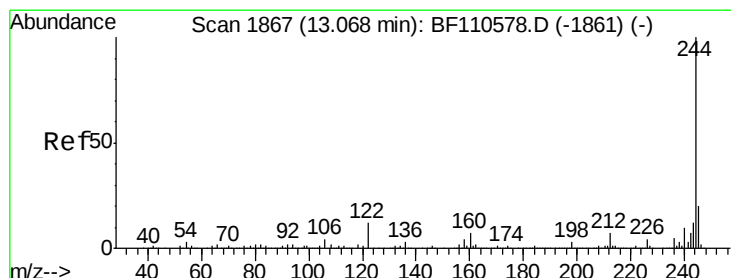
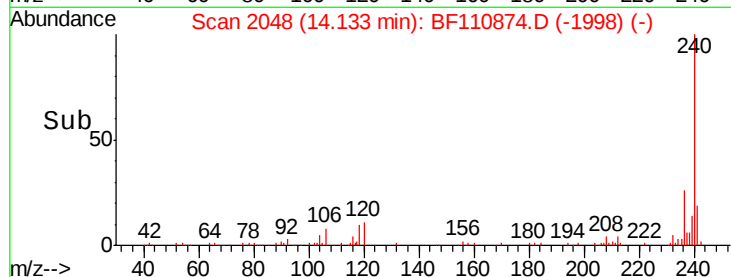
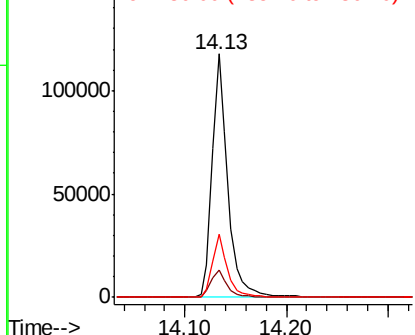
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

Instrument :
BNA_F
ClientSampleId :
111518-TIPC-E-D-M

Tgt Ion:240 Resp: 126474
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.8 21.2 31.8

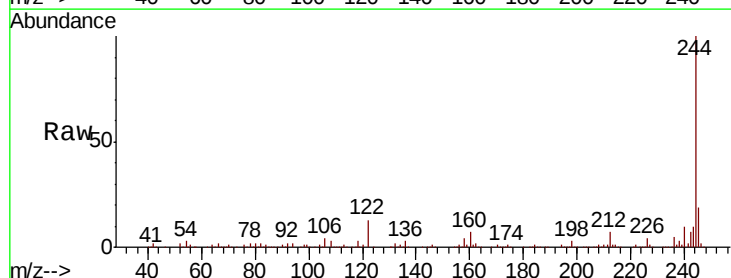


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

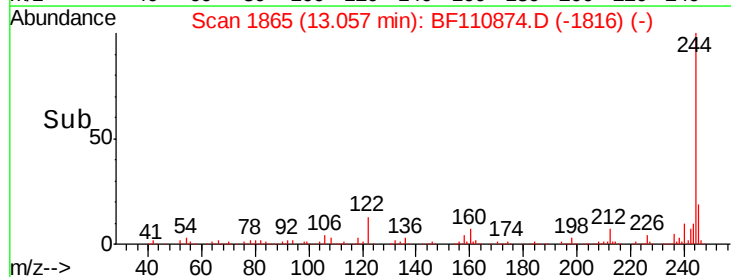
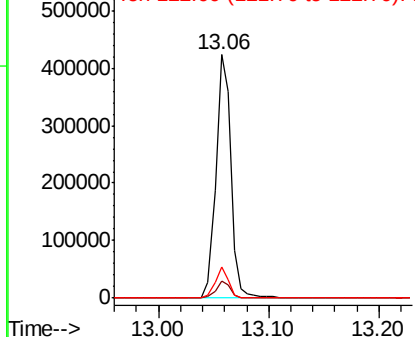


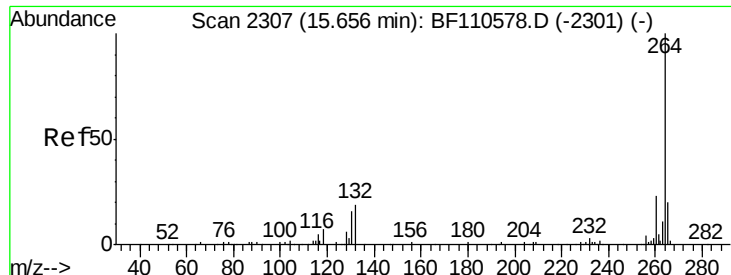
#79
Terphenyl-d14
Concen: 58.833 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

Tgt Ion:244 Resp: 397320
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.9 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# 2309
Delta R.T. 0.01 min
Lab File: BF110874.D
Acq: 20 Nov 2018 1:40

Instrument :
BNA_F
ClientSampleId :
111518-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	16.7	25.1

