

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109849.D
 Acq On : 12 Oct 2018 22:18
 Operator : JU/SJ
 Sample : J5375-03RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0691-KM-PA-AMD-COMP

Quant Time: Oct 12 23:45:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

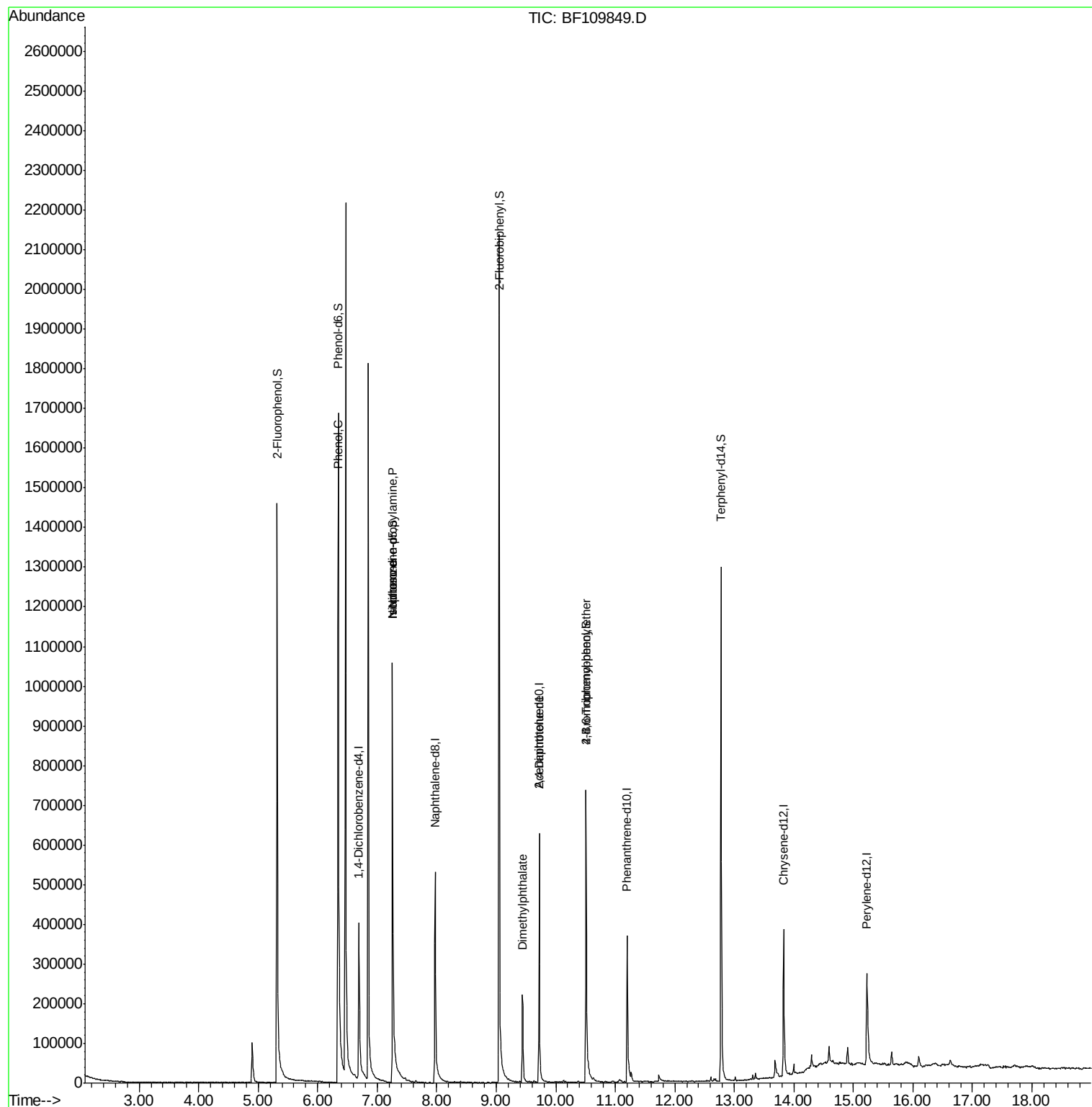
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	85576	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	336553	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	137805	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	206507	20.00	ng	0.00
75) Chrysene-d12	13.83	240	175996	20.00	ng	0.00
86) Perylene-d12	15.23	264	137848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	556559	115.44	ng	0.00
7) Phenol-d6	6.35	99	826243	128.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	545013	89.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	128551	85.61	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	816755	81.63	ng	0.00
78) Terphenyl-d14	12.78	244	537051	59.07	ng	0.00
Target Compounds						
10) Phenol	6.36	94	20349	2.755	ng	87
19) n-Nitroso-di-n-propylamine	7.26	70	69986	15.496	ng	# 77
25) Isophorone	7.26	82	545010	53.757	ng	# 67
49) Dimethylphthalate	9.44	163	114954	11.374	ng	100
56) 2,4-Dinitrotoluene	9.72	165	16668	6.097	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	7706	3.248	ng	# 1

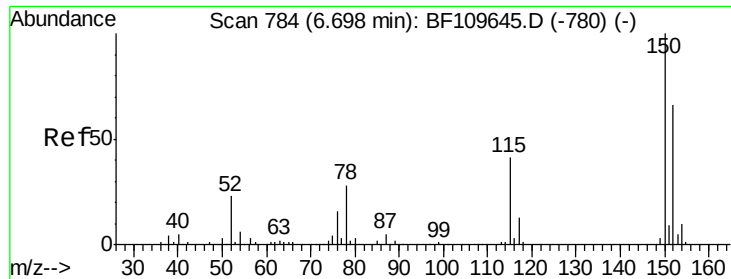
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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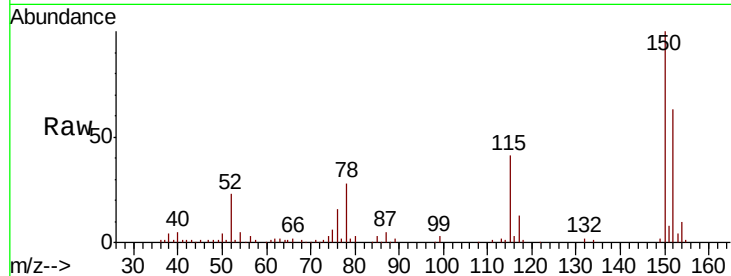


#1

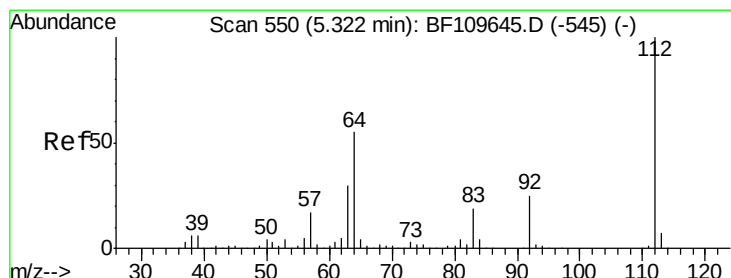
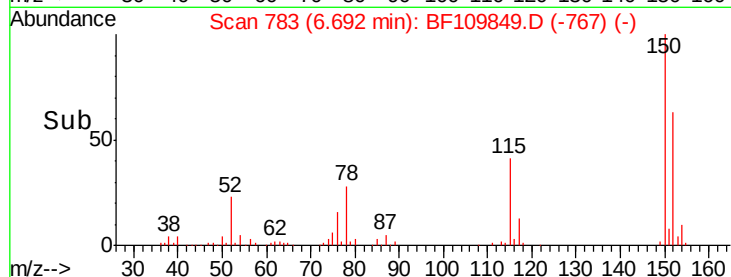
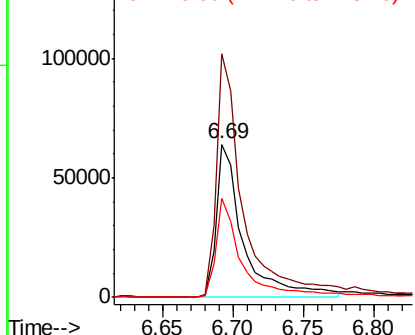
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Instrument :
BNA_F
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion:152 Resp: 85576
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 64.5 49.1 73.7



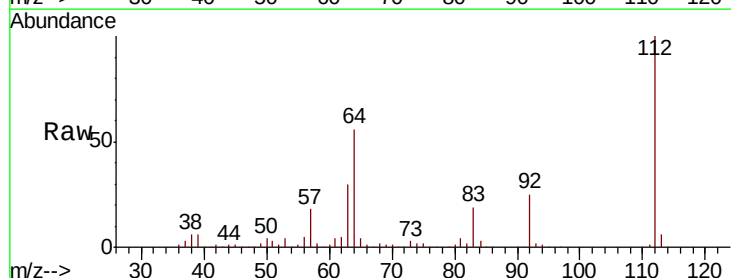
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



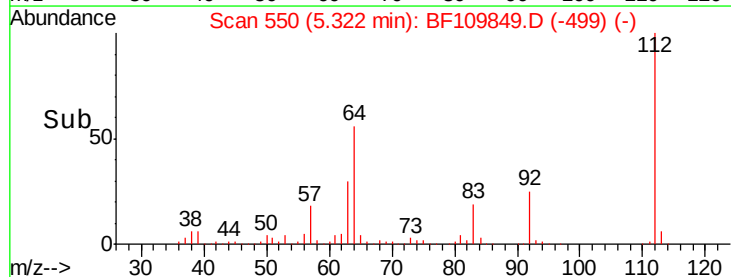
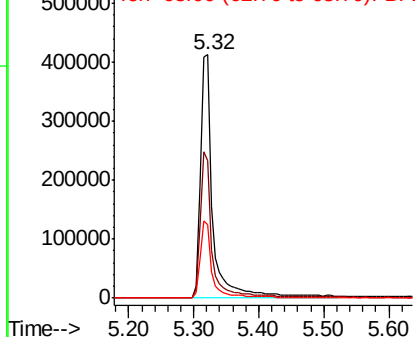
#5

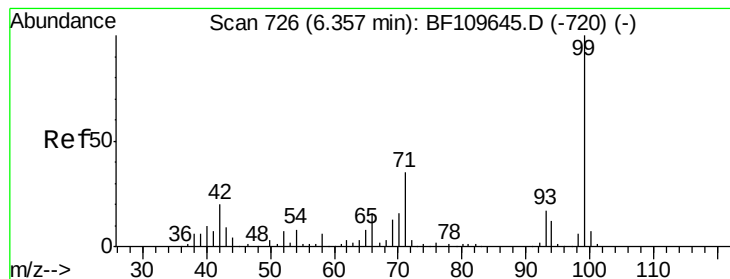
2-Fluorophenol
Concen: 115.442 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Tgt Ion:112 Resp: 556559
Ion Ratio Lower Upper
112 100
64 56.5 44.1 66.1
63 30.1 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: 128.290 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109849.D

Acq: 12 Oct 2018 22:18

Instrument :

BNA_F

ClientSampleId :

0691-KM-PA-AMD-COMP

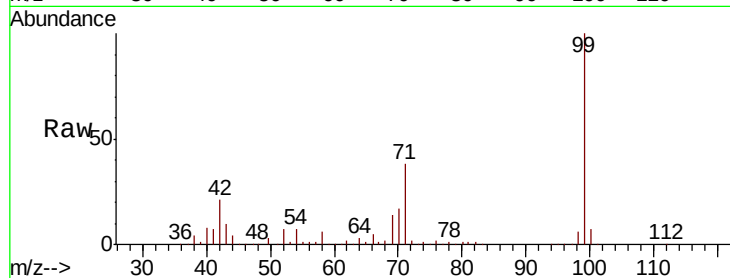
Tgt Ion: 99 Resp: 826243

Ion Ratio Lower Upper

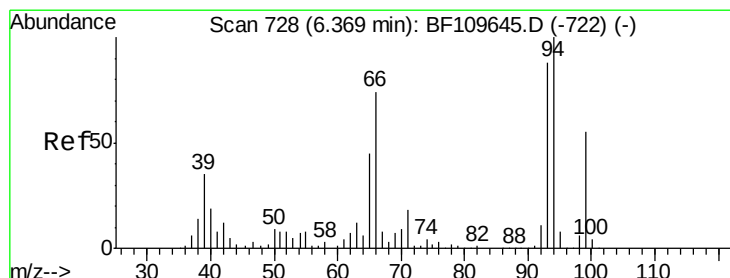
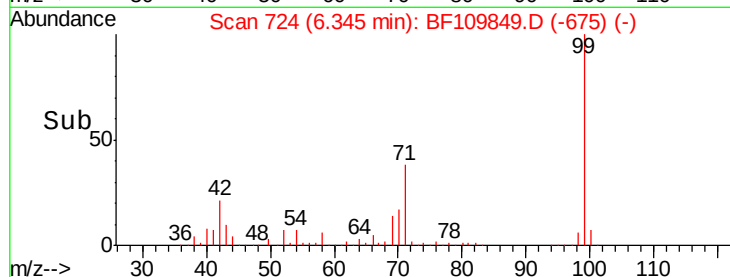
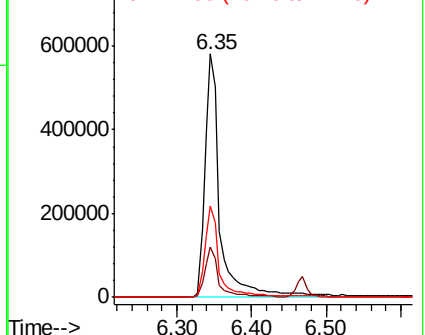
99 100

42 20.6 15.8 23.6

71 37.7 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: 2.755 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109849.D

Acq: 12 Oct 2018 22:18

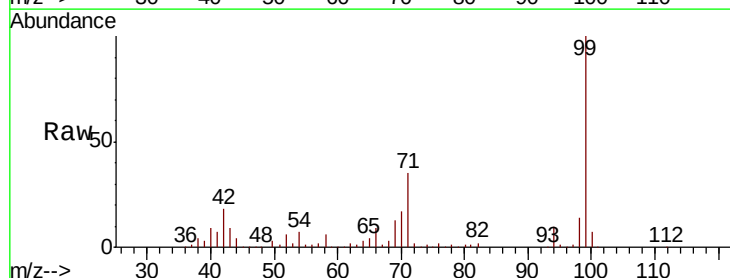
Tgt Ion: 94 Resp: 20349

Ion Ratio Lower Upper

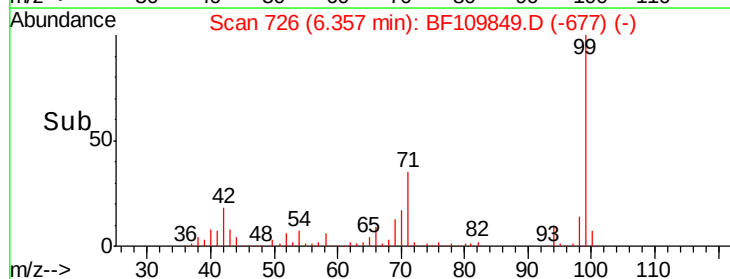
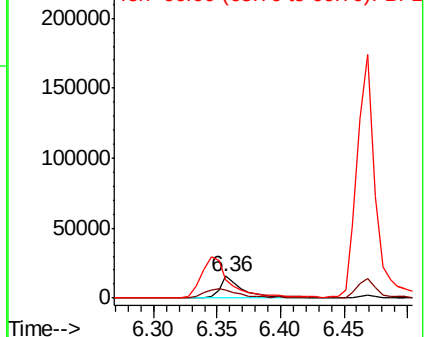
94 100

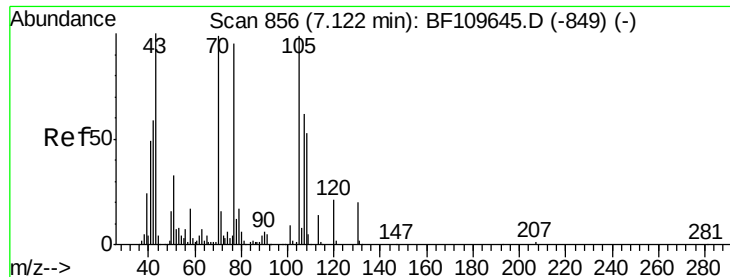
65 38.4 25.3 65.3

66 86.3 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

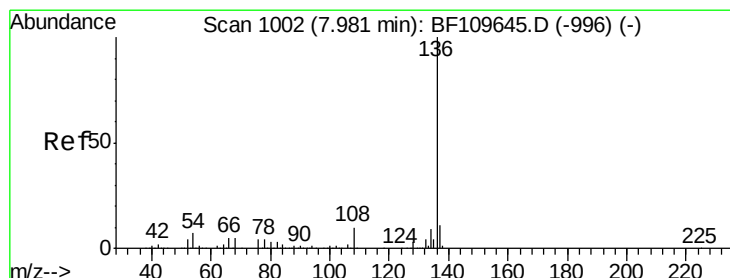
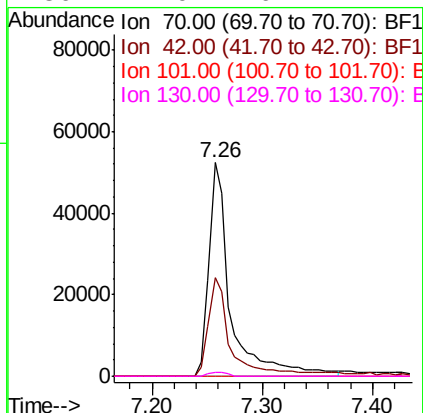
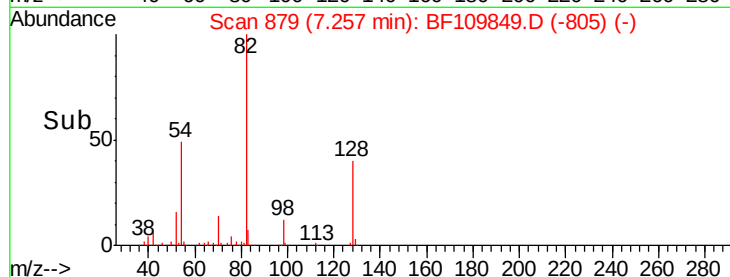
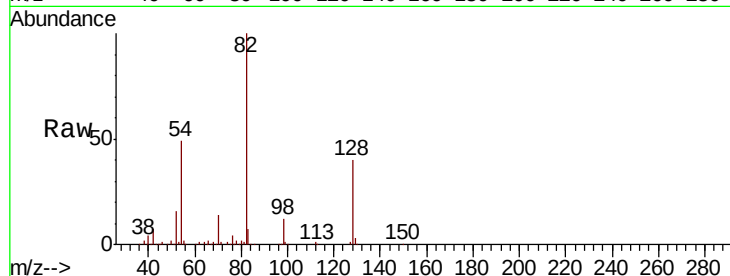




#19
n-Nitroso-di-n-propylamine
Concen: 15.496 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

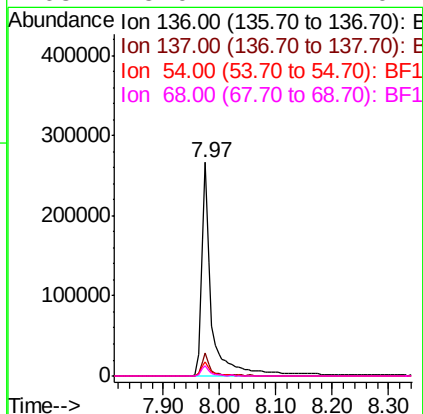
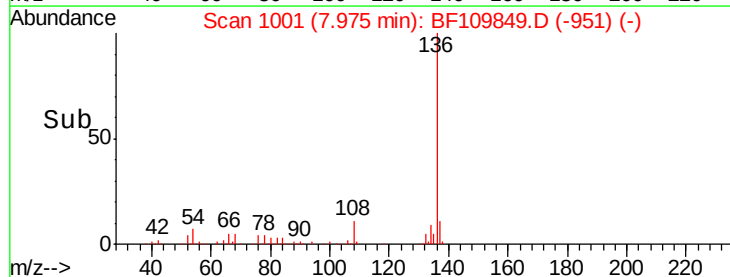
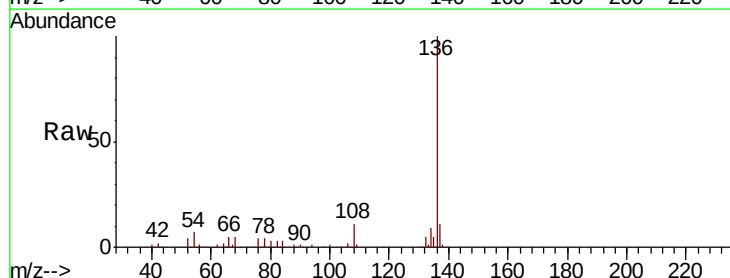
Instrument :
BNA_F
ClientSampleId :
0691-KM-PA-AMD-COMP

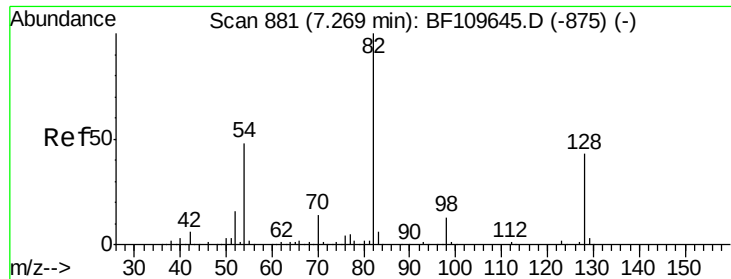
Tgt Ion: 70 Resp: 69986
Ion Ratio Lower Upper
70 100
42 46.4 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Tgt Ion: 136 Resp: 336553
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.4 8.2
68 5.0 4.2 6.2

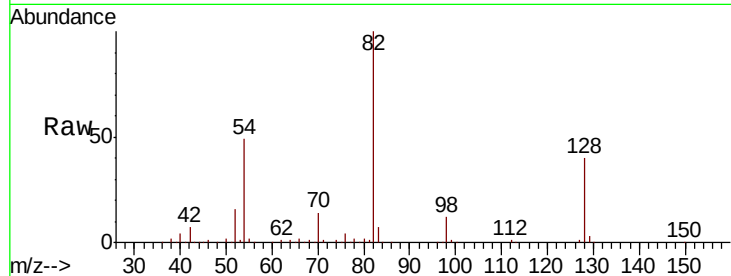




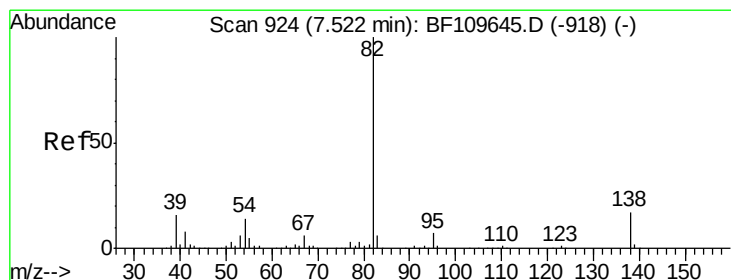
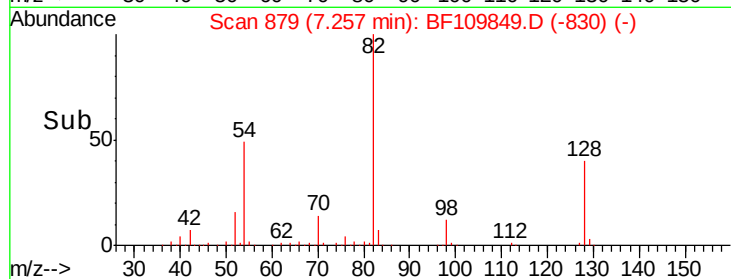
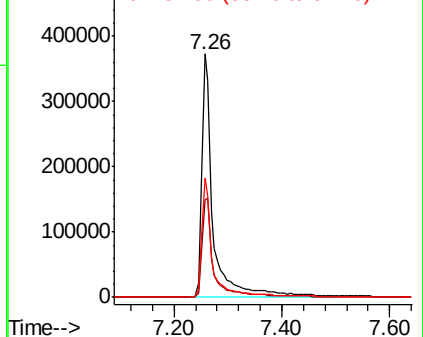
#23
Nitrobenzene-d5
Concen: 89.267 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Instrument :
BNA_F
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.2	51.2
54	48.8	38.6	58.0

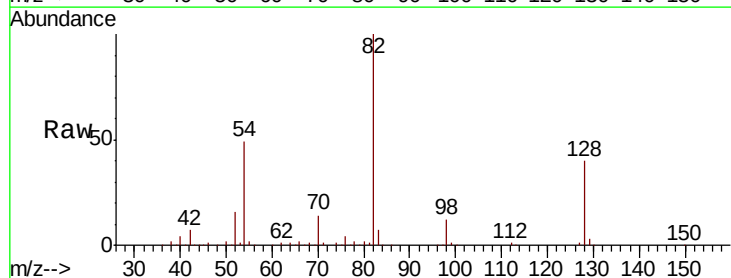


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

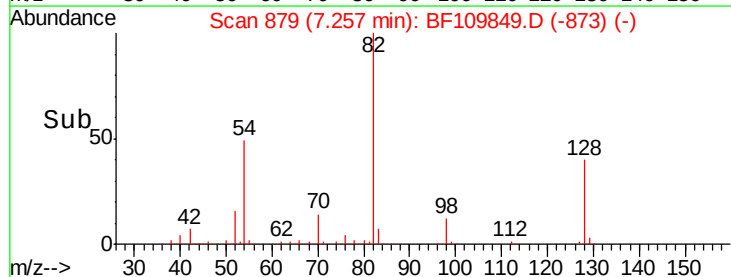
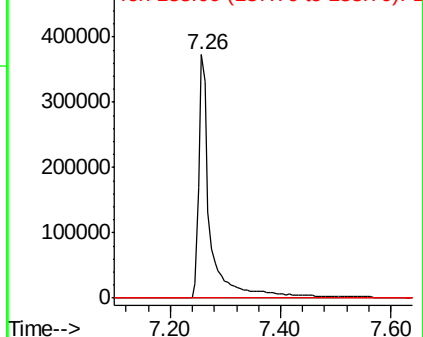


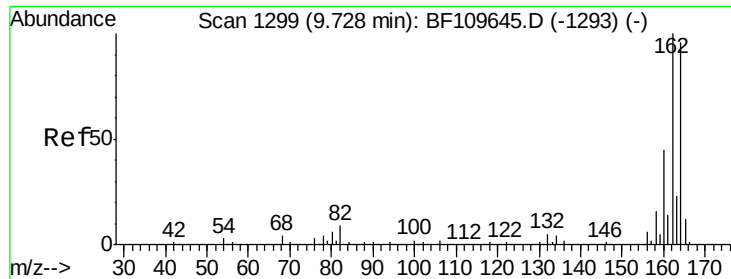
#25
Isophorone
Concen: 53.757 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

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

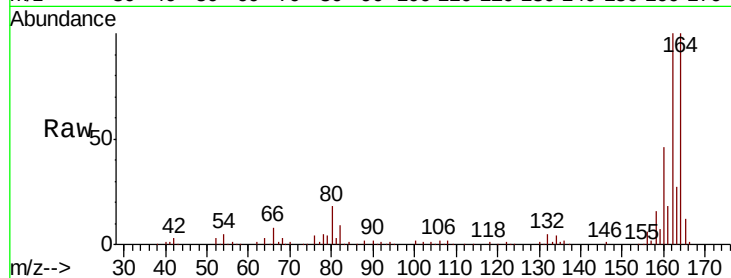




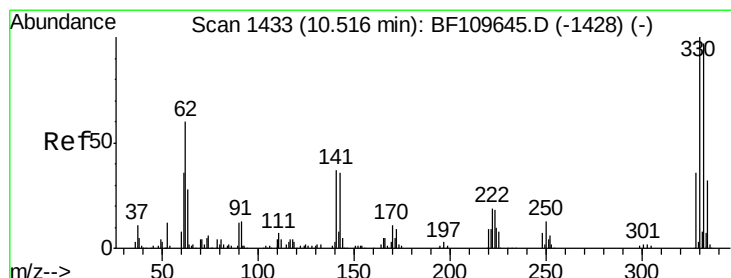
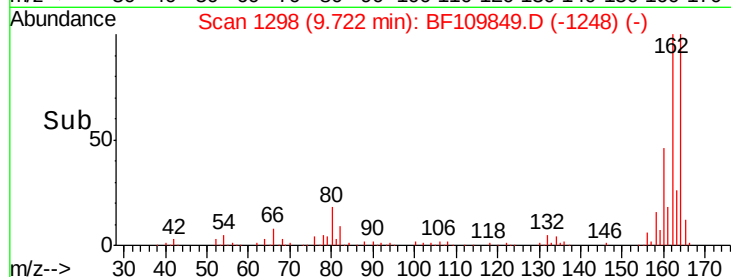
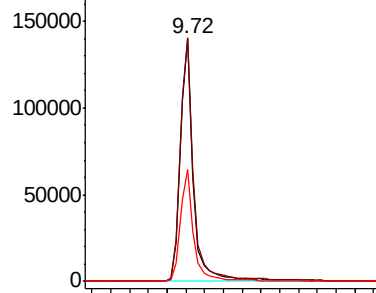
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109849.D
 Acq: 12 Oct 2018 22:18

Instrument :
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 0691-KM-PA-AMD-COMP

Tgt Ion:164 Resp: 137805
 Ion Ratio Lower Upper
 164 100
 162 100.2 83.0 124.6
 160 45.9 37.0 55.6

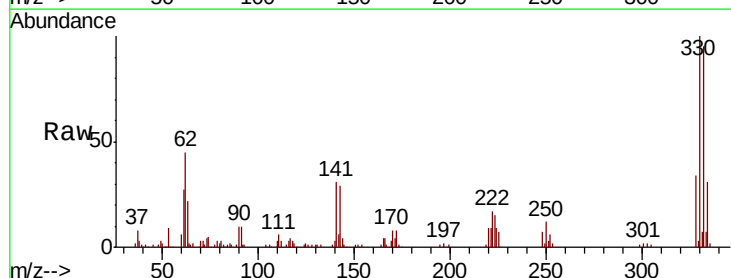


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

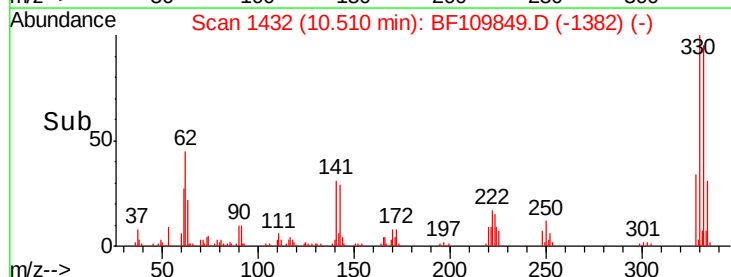
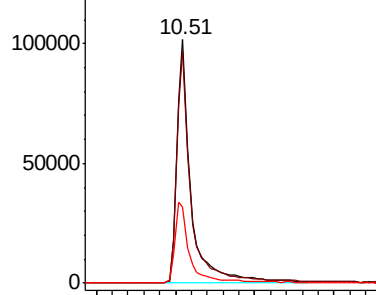


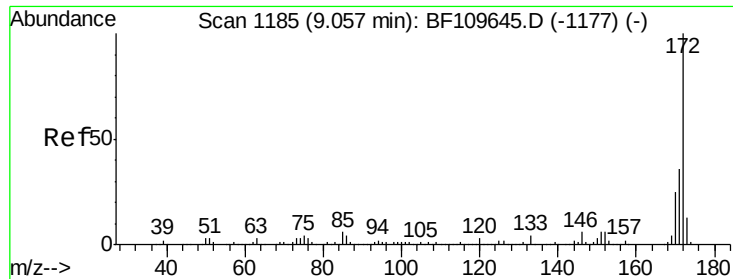
#41
 2,4,6-Tribromophenol
 Concen: 85.613 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109849.D
 Acq: 12 Oct 2018 22:18

Tgt Ion:330 Resp: 128551
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 35.3 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

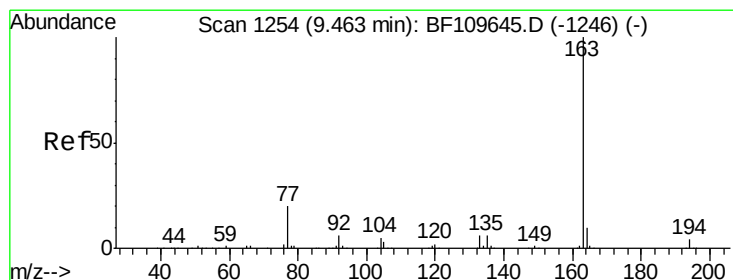
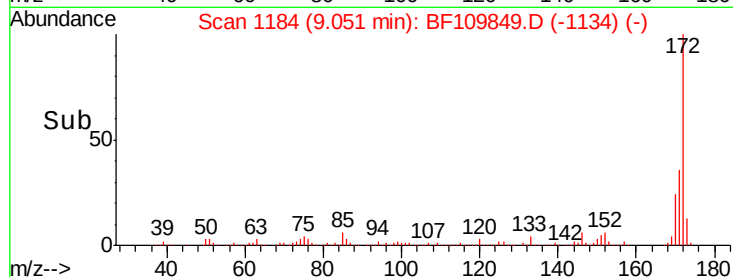
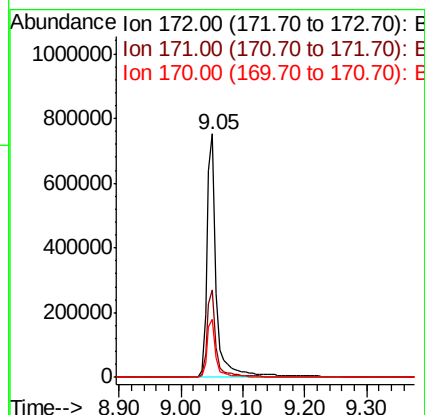
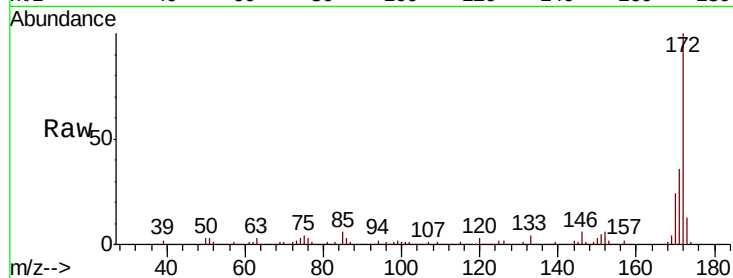




#44
2-Fluorobiphenyl
Concen: 81.628 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

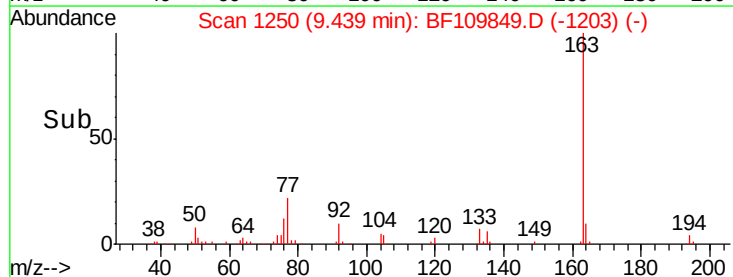
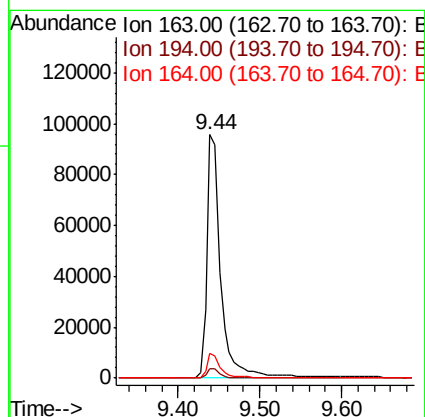
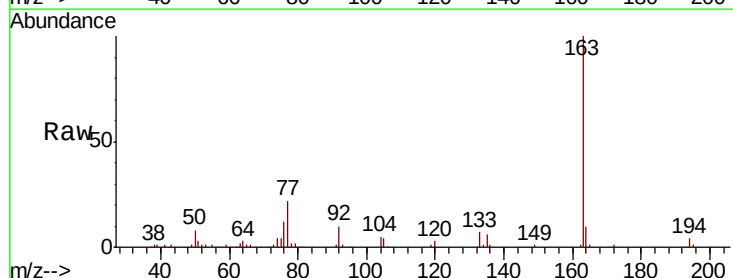
Instrument :
BNA_F
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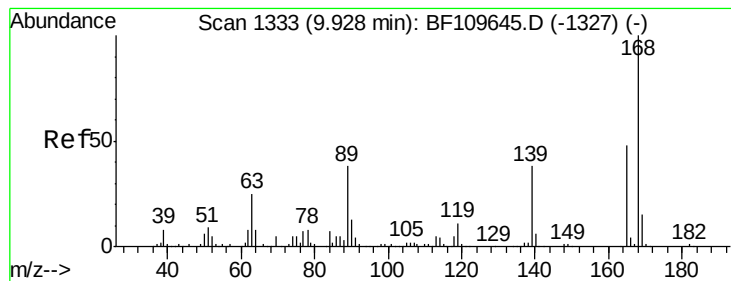
Tgt Ion:172 Resp: 816755
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.7 29.5



#49
Dimethylphthalate
Concen: 11.374 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Tgt Ion:163 Resp: 114954
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.1 12.1





#56

2,4-Dinitrotoluene

Concen: 6.097 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109849.D

Acq: 12 Oct 2018 22:18

Instrument :

BNA_F

ClientSampleId :

0691-KM-PA-AMD-COMP

Tgt Ion:165 Resp: 16668

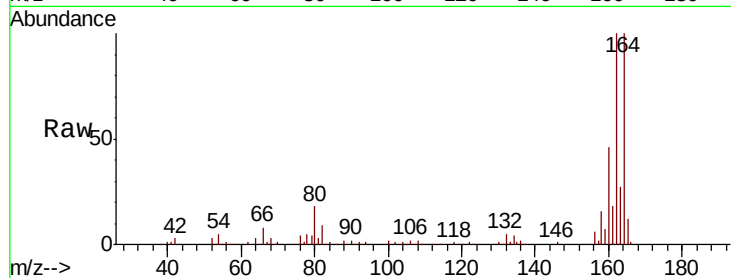
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#



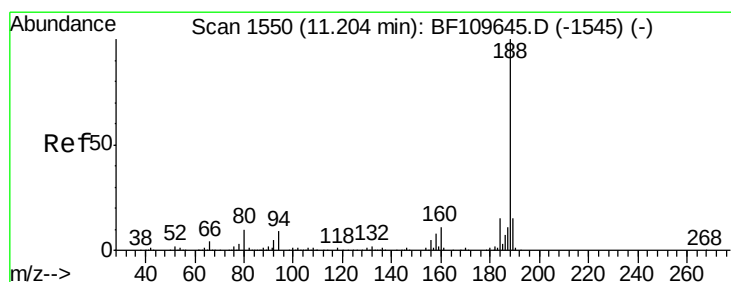
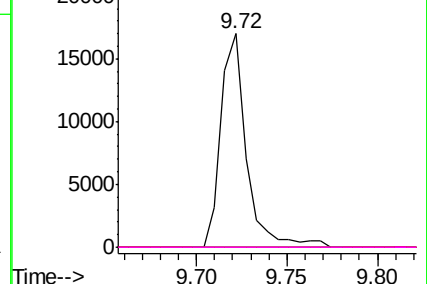
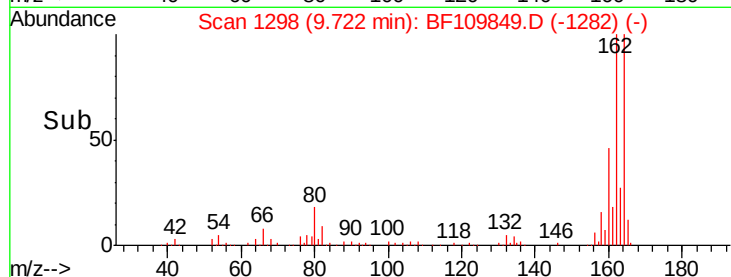
Abundance

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109849.D

Acq: 12 Oct 2018 22:18

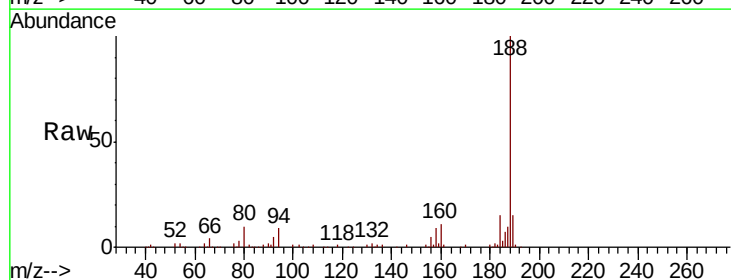
Tgt Ion:188 Resp: 206507

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.7 7.9 11.9

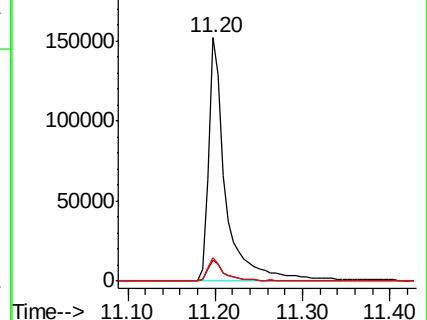
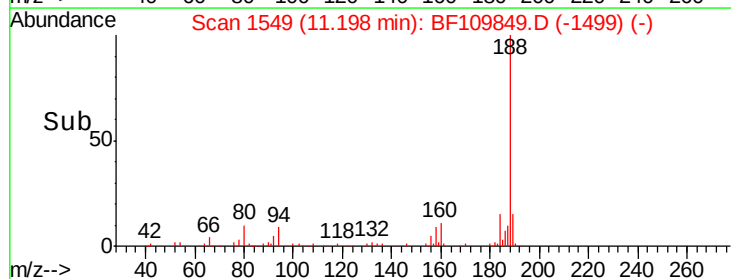


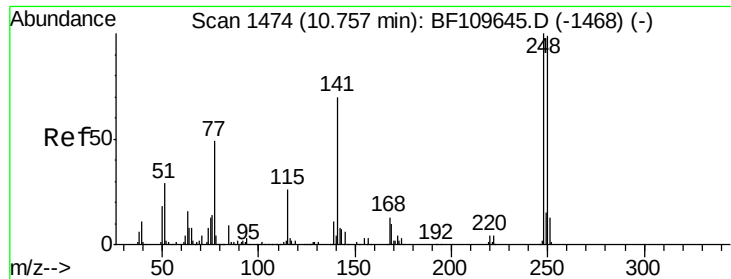
Abundance

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

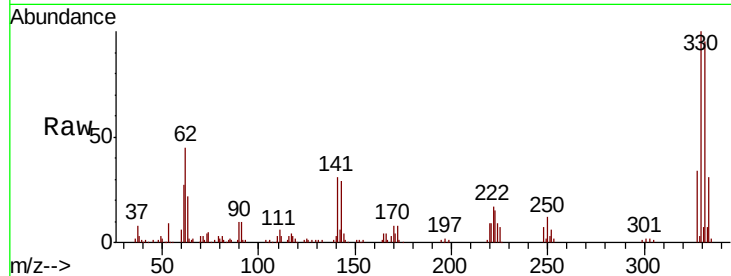




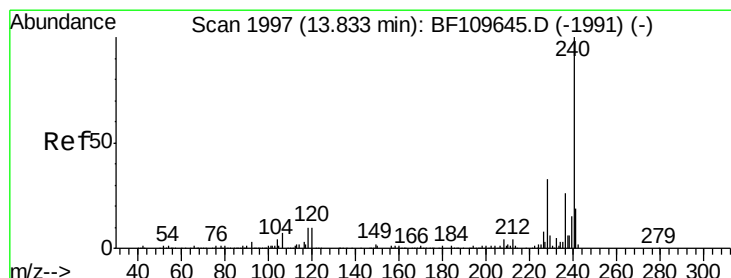
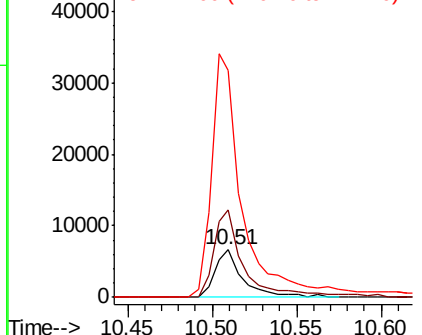
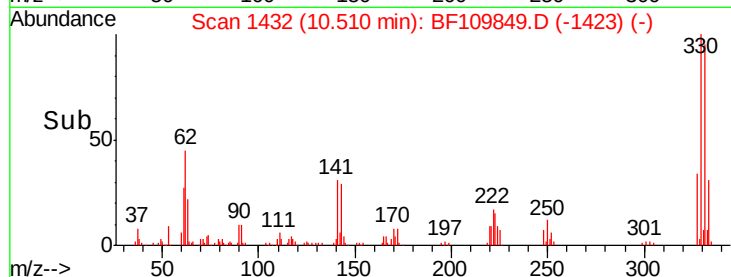
#66
4-Bromophenyl-phenylether
Concen: 3.248 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Instrument :
BNA_F
ClientSampleId :
0691-KM-PA-AMD-COMP

Tgt Ion:248 Resp: 7706
Ion Ratio Lower Upper
248 100
250 183.5 79.4 119.2#
141 476.0 55.9 83.9#

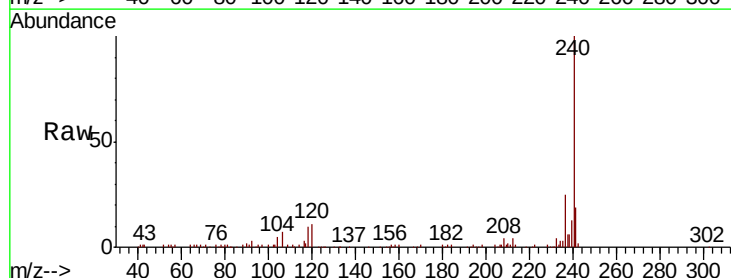


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

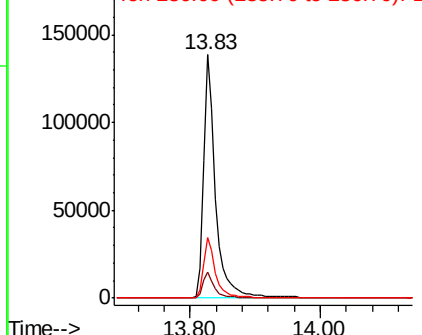
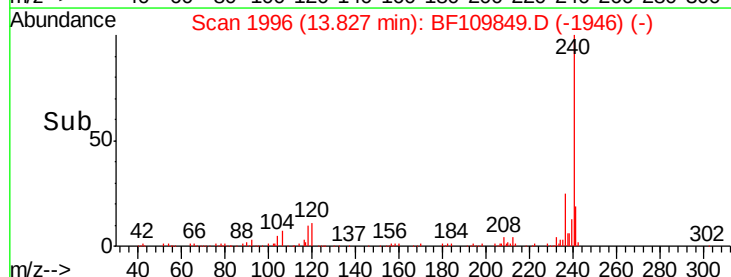


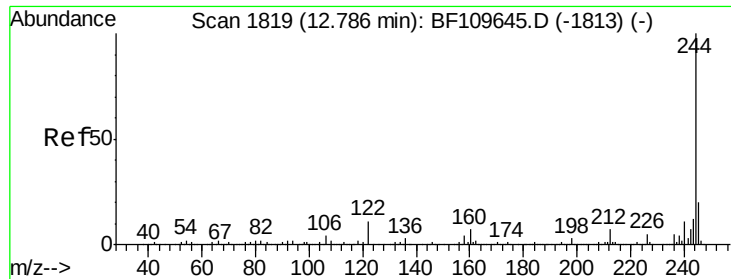
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109849.D
Acq: 12 Oct 2018 22:18

Tgt Ion:240 Resp: 175996
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 24.9 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

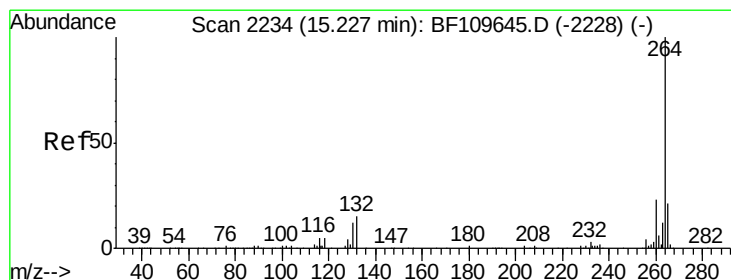
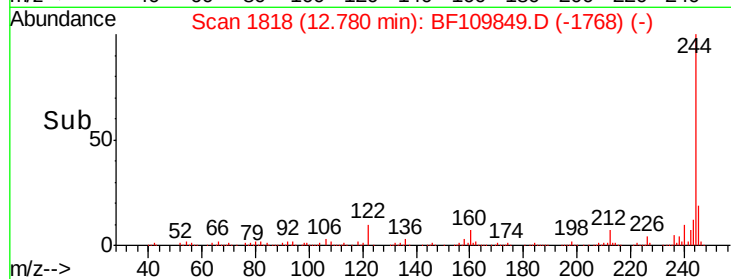
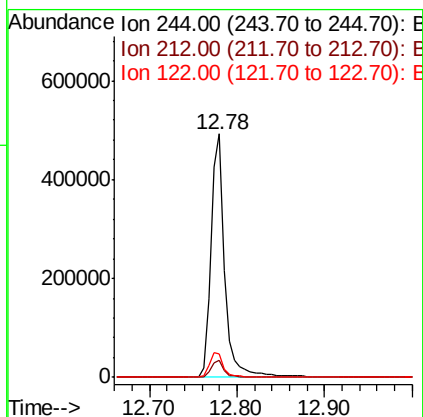
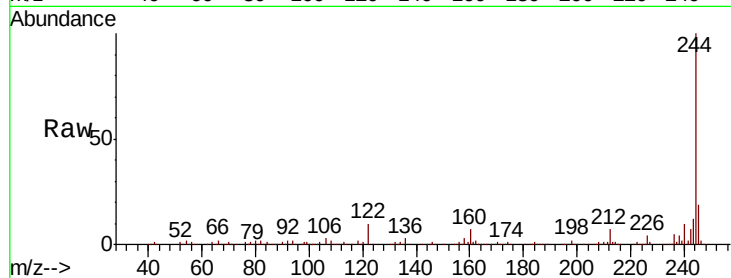




#78
 Terphenyl-d14
 Concen: 59.072 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109849.D
 Acq: 12 Oct 2018 22:18

Instrument :
 BNA_F
 ClientSampleId :
 0691-KM-PA-AMD-COMP

Tgt Ion:244 Resp: 537051
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.6 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109849.D
 Acq: 12 Oct 2018 22:18

Tgt Ion:264 Resp: 137848
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 22.2 16.7 25.1

