

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109800.D
 Acq On : 11 Oct 2018 21:30
 Operator : JU/SJ
 Sample : J5375-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0688-KM-PA-COMP

Quant Time: Oct 12 04:27:16 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

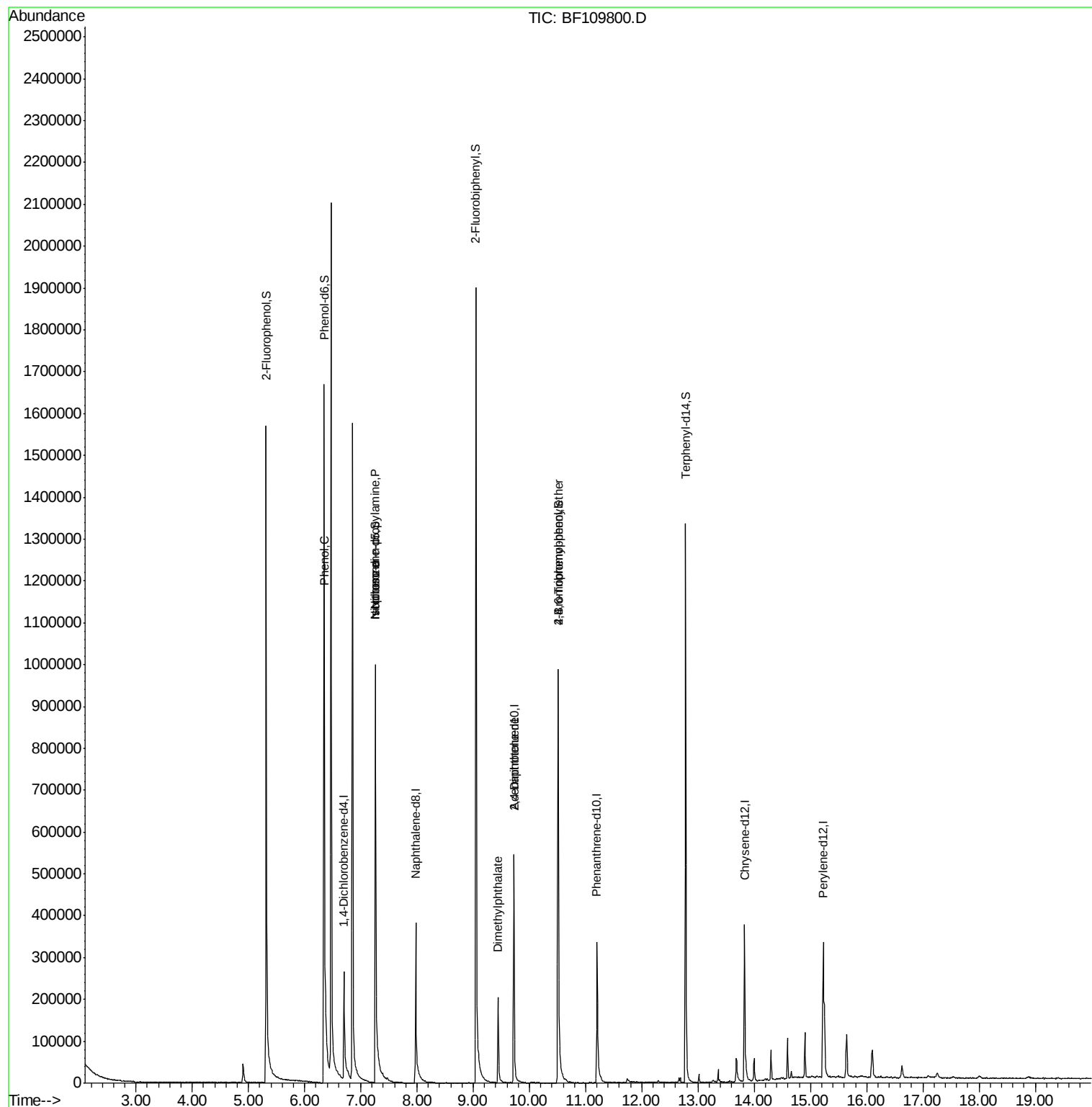
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	70728	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	280337	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	130117	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	216716	20.00	ng	0.00
75) Chrysene-d12	13.83	240	182602	20.00	ng	0.00
86) Perylene-d12	15.23	264	207175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	583628	146.47	ng	0.00
7) Phenol-d6	6.35	99	797348	149.79	ng	-0.01
23) Nitrobenzene-d5	7.26	82	521882	102.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	169994	119.90	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	834357	88.31	ng	0.00
78) Terphenyl-d14	12.78	244	558647	59.22	ng	0.00
Target Compounds						
10) Phenol	6.36	94	19450	3.187	ng	86
19) n-Nitroso-di-n-propylamine	7.26	70	64423	17.258	ng	# 78
25) Isophorone	7.26	82	528625	62.596	ng	# 67
49) Dimethylphthalate	9.44	163	110891	11.620	ng	99
56) 2,4-Dinitrotoluene	9.72	165	16026	6.208	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	9939	3.991	ng	# 1

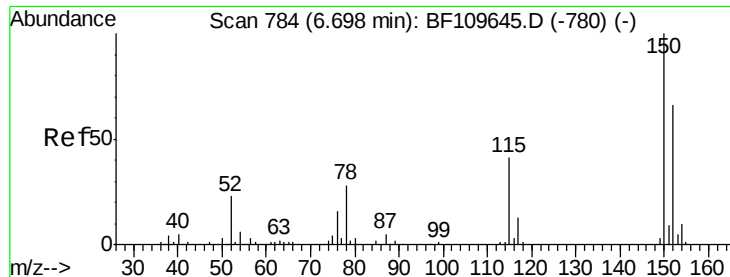
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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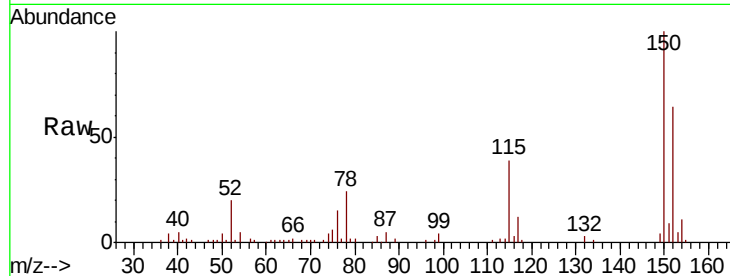




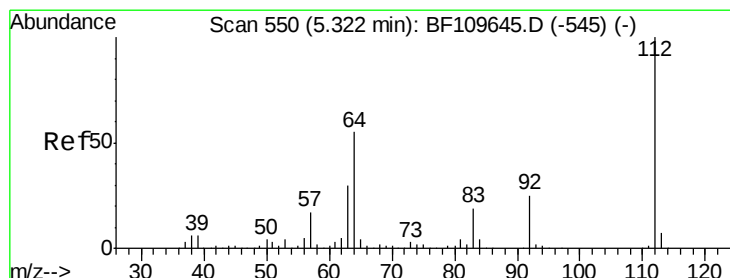
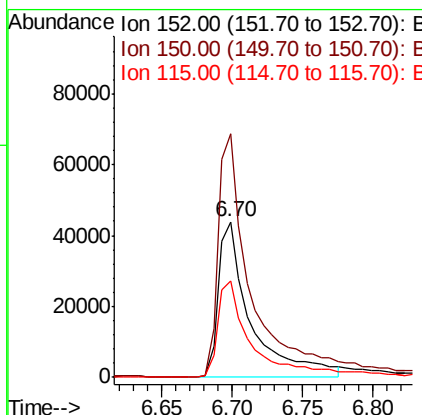
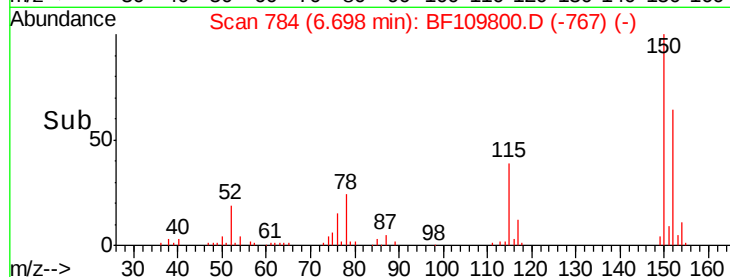
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109800.D
 Acq: 11 Oct 2018 21:30

Instrument :
 BNA_F
 ClientSampleId :
 0688-KM-PA-COMP

Tgt Ion:152 Resp: 70728
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.7 184.1
 115 61.9 49.1 73.7

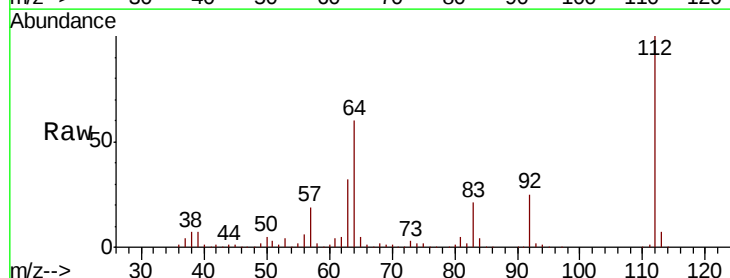


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

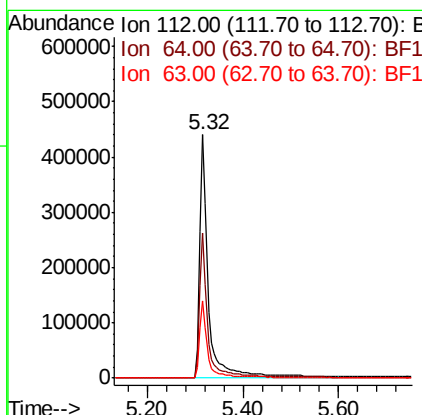
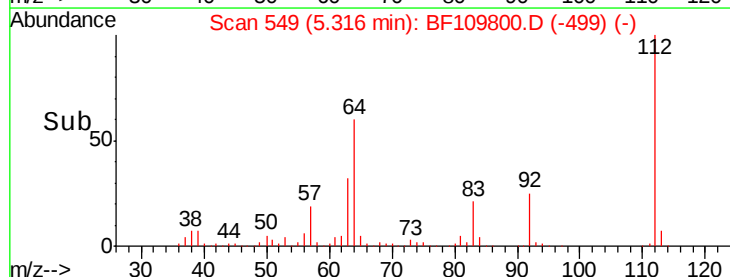


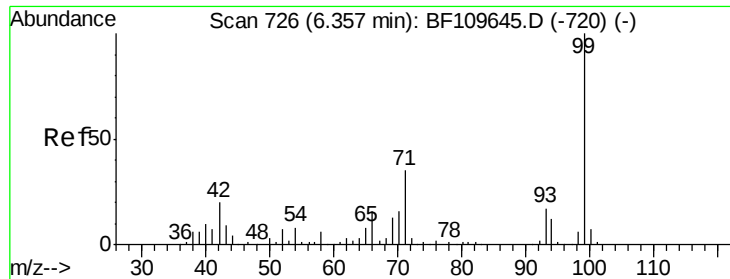
#5
 2-Fluorophenol
 Concen: 146.471 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109800.D
 Acq: 11 Oct 2018 21:30

Tgt Ion:112 Resp: 583628
 Ion Ratio Lower Upper
 112 100
 64 59.7 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: 149.793 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109800.D

Acq: 11 Oct 2018 21:30

Instrument :

BNA_F

ClientSampleId :

0688-KM-PA-COMP

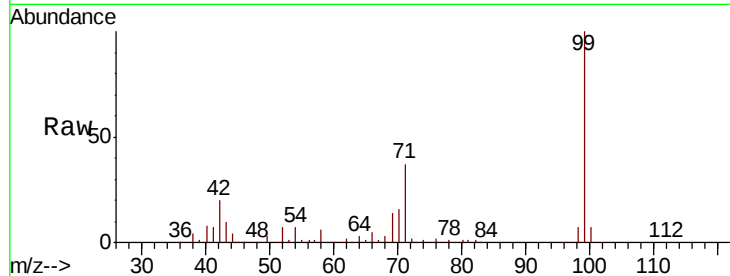
Tgt Ion: 99 Resp: 797348

Ion Ratio Lower Upper

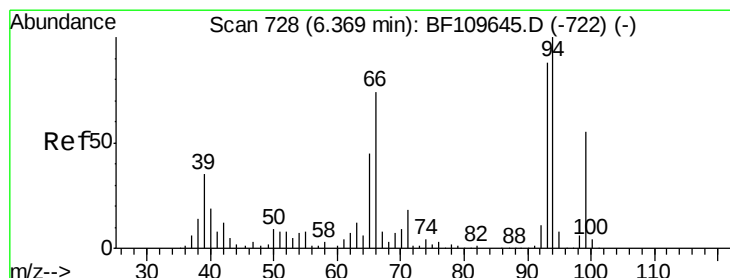
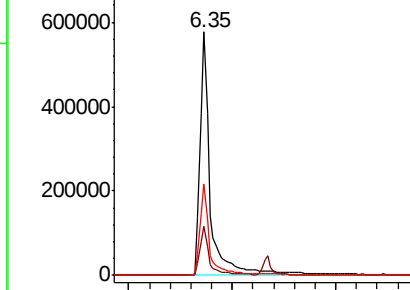
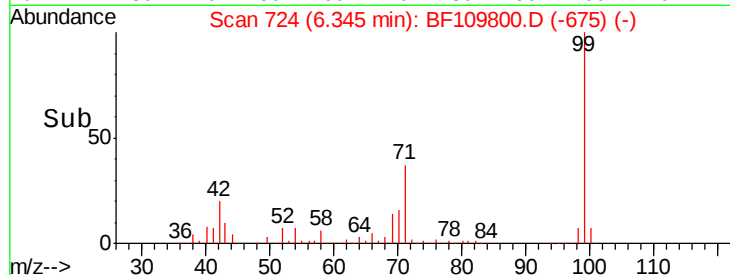
99 100

42 20.4 15.8 23.6

71 37.4 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: 3.187 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109800.D

Acq: 11 Oct 2018 21:30

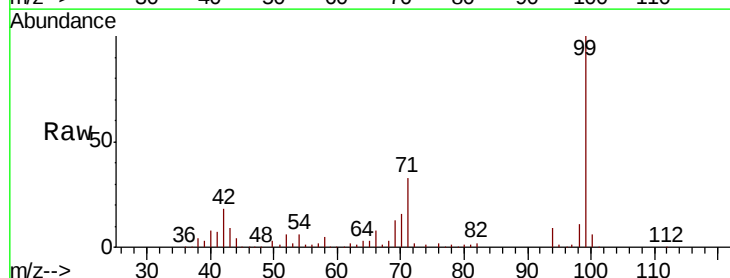
Tgt Ion: 94 Resp: 19450

Ion Ratio Lower Upper

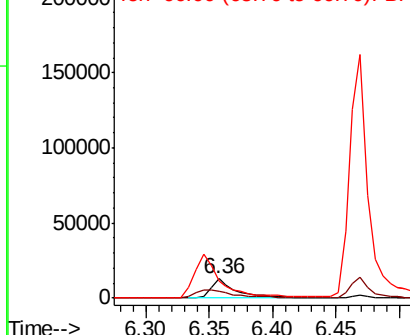
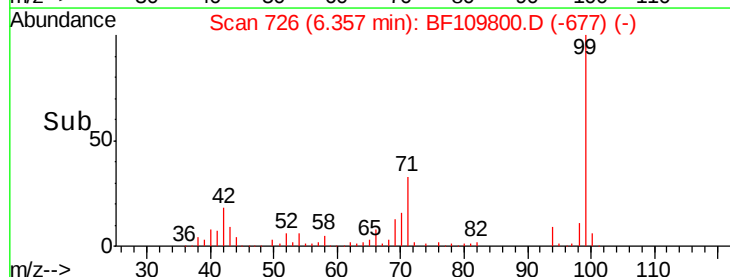
94 100

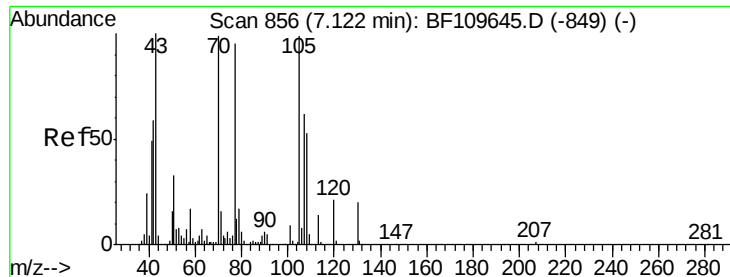
65 37.4 25.3 65.3

66 86.9 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

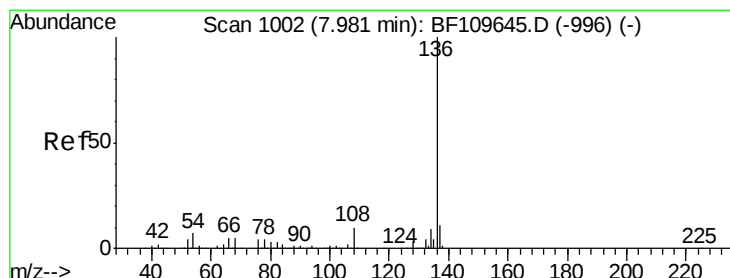
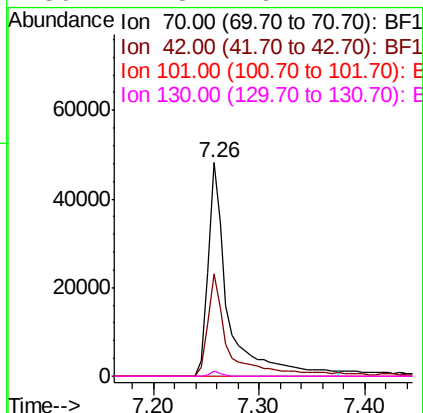
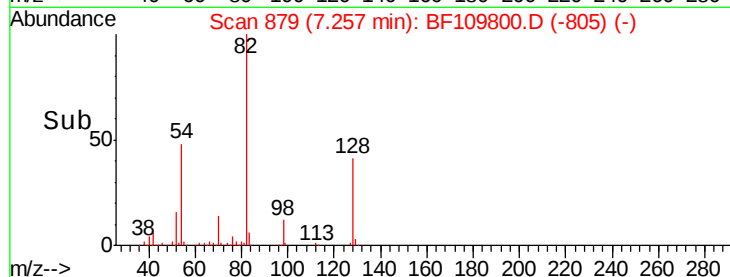
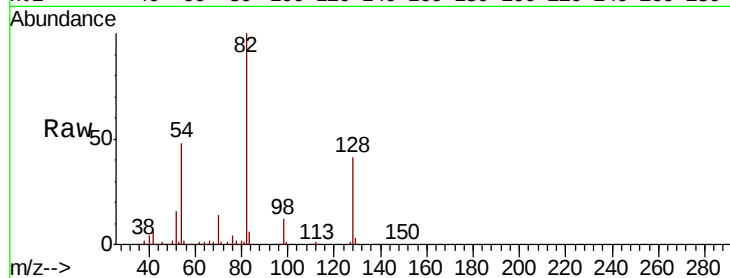




#19
n-Nitroso-di-n-propylamine
Concen: 17.258 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

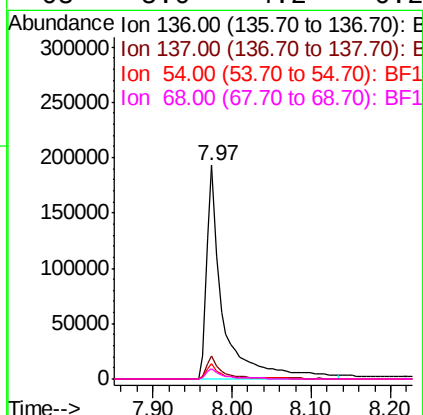
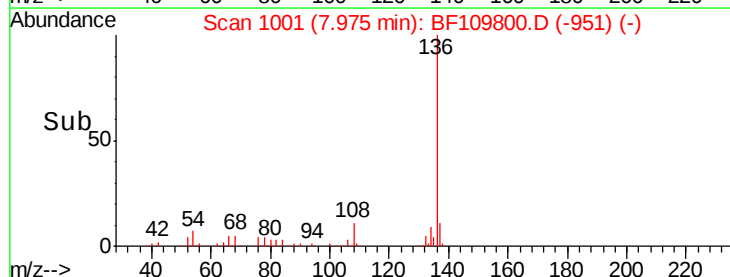
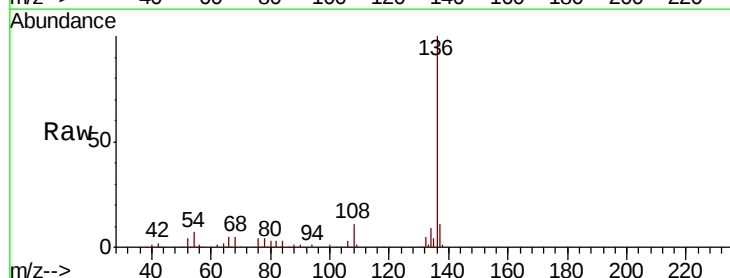
Instrument :
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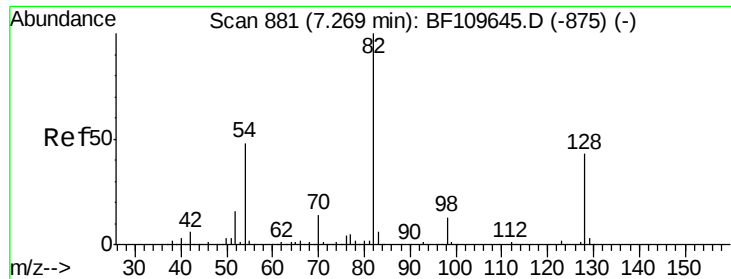
Tgt Ion: 70 Resp: 64423
Ion Ratio Lower Upper
70 100
42 47.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

Tgt Ion: 136 Resp: 280337
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 5.4 8.2
68 5.0 4.2 6.2

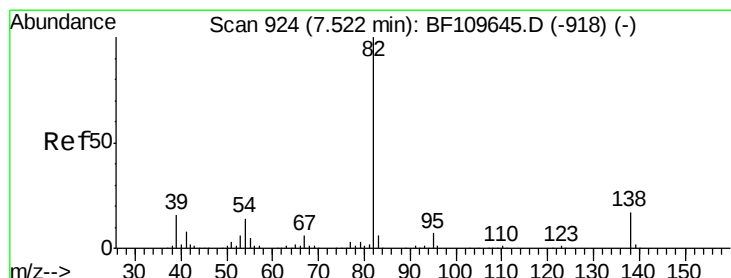
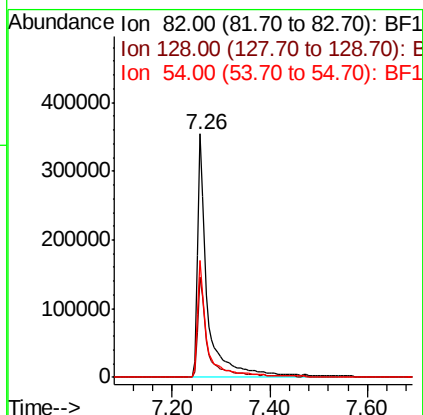
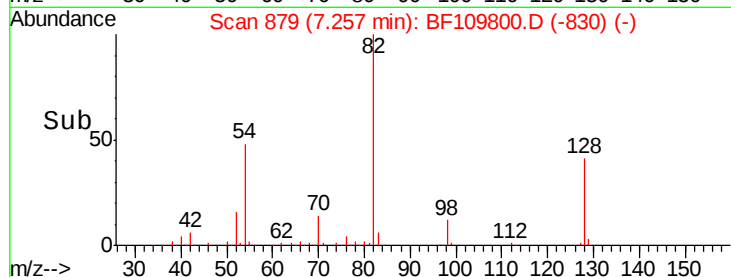
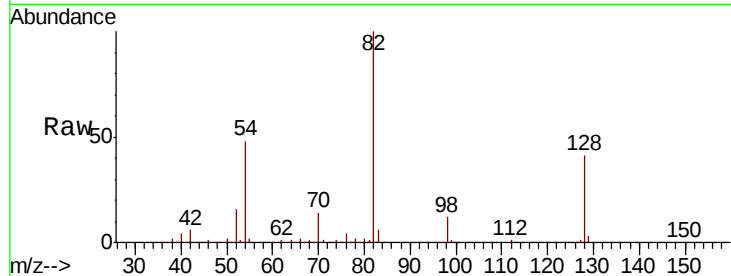




#23
 Nitrobenzene-d5
 Concen: 102.619 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109800.D
 Acq: 11 Oct 2018 21:30

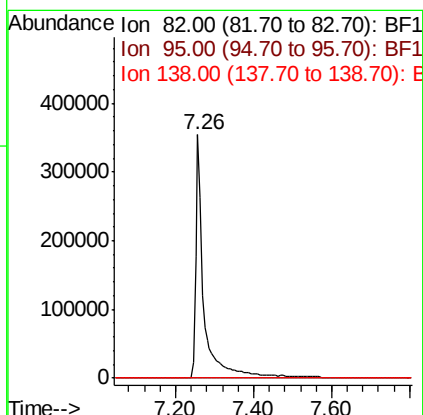
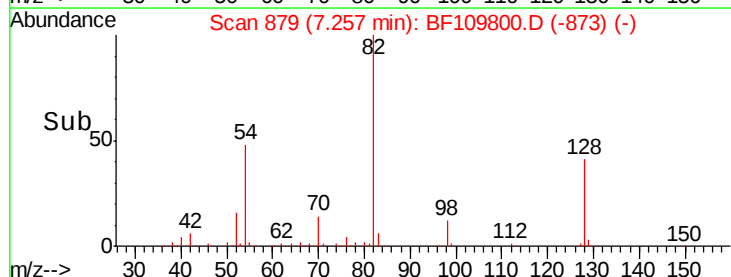
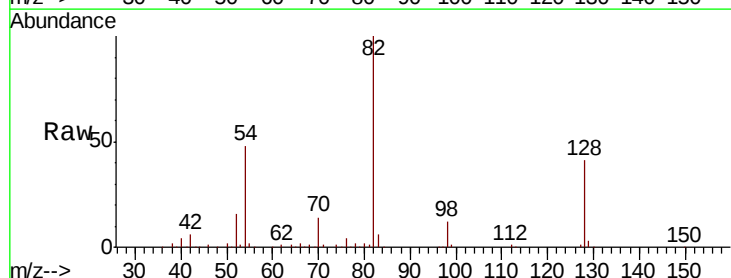
Instrument :
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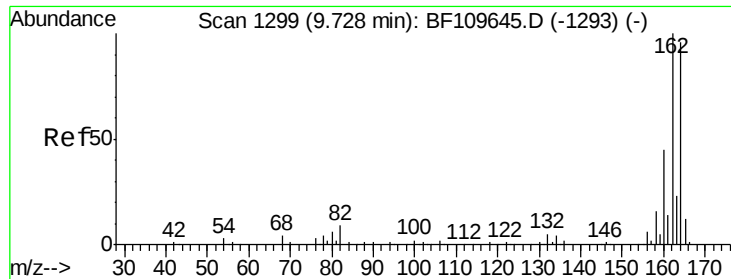
Tgt Ion: 82 Resp: 521882
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.2 51.2
 54 47.9 38.6 58.0



#25
 Isophorone
 Concen: 62.596 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109800.D
 Acq: 11 Oct 2018 21:30

Tgt Ion: 82 Resp: 528625
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109800.D

Acq: 11 Oct 2018 21:30

Instrument :

BNA_F

ClientSampleId :

0688-KM-PA-COMP

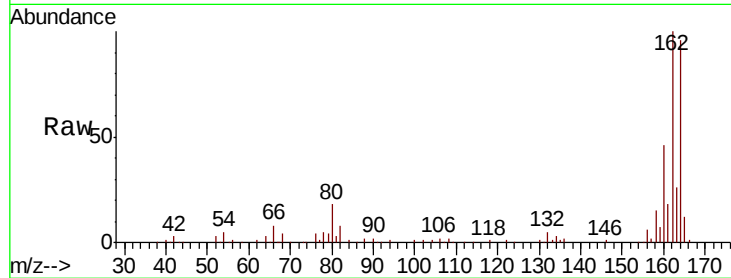
Tgt Ion:164 Resp: 130117

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

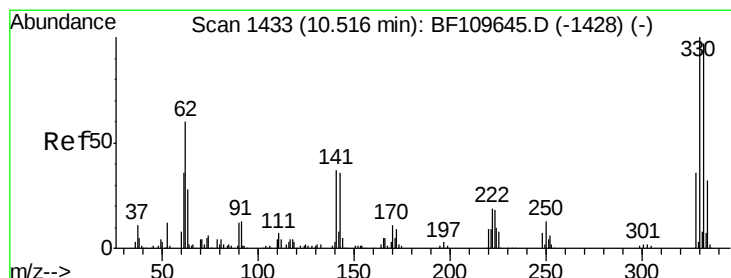
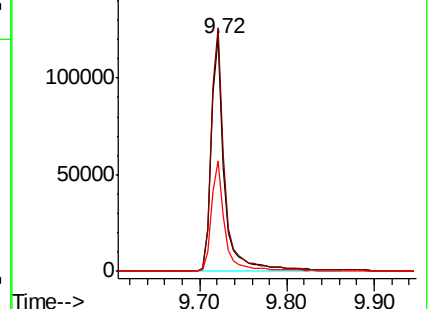
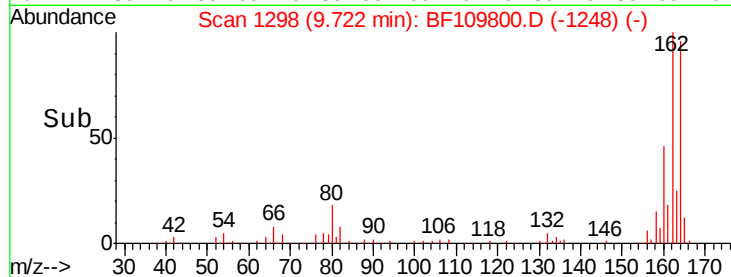
160 47.6 37.0 55.6



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



#41

2,4,6-Tribromophenol

Concen: 119.903 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109800.D

Acq: 11 Oct 2018 21:30

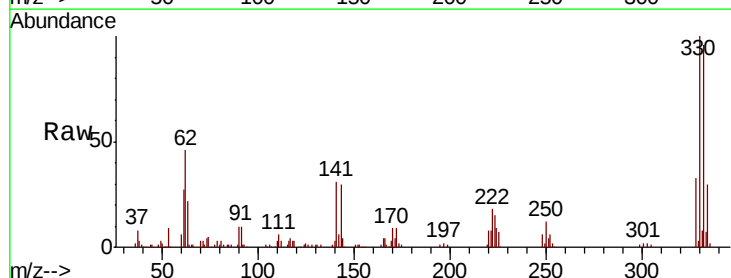
Tgt Ion:330 Resp: 169994

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

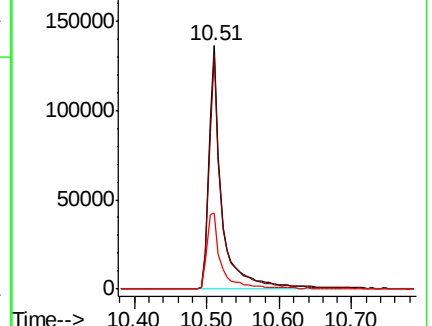
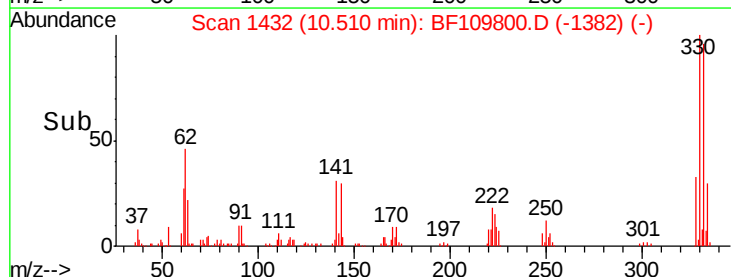
141 34.9 27.0 40.4

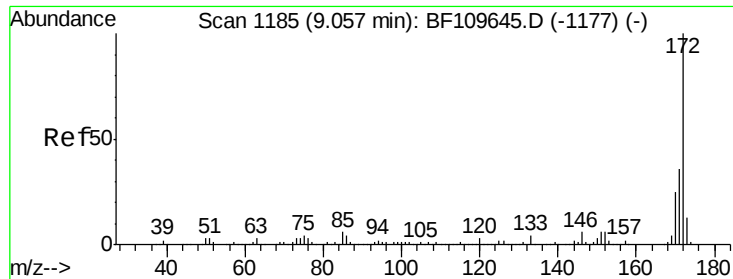


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

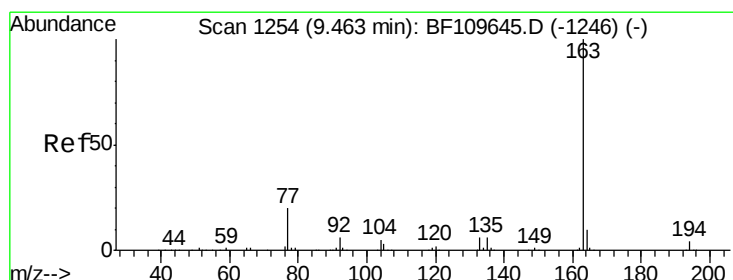
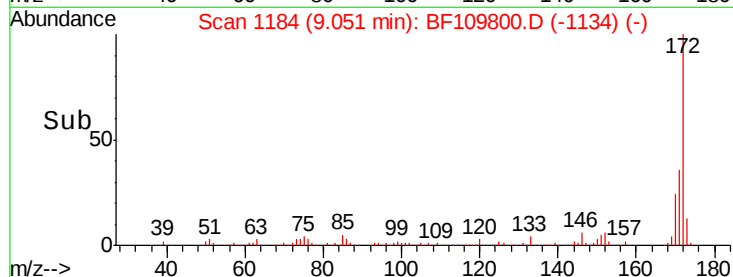
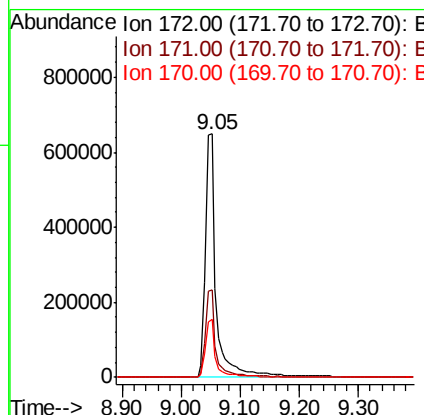
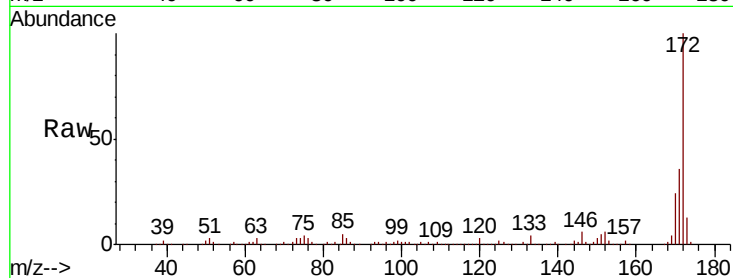




#44
2-Fluorobiphenyl
Concen: 88.314 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

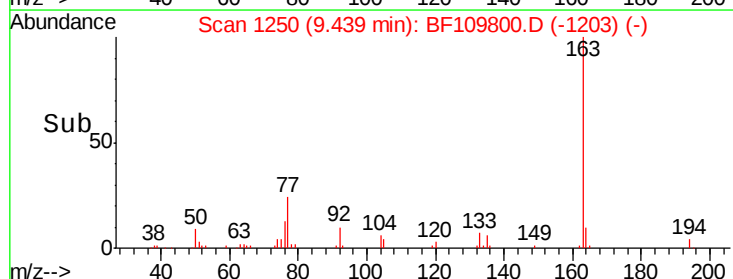
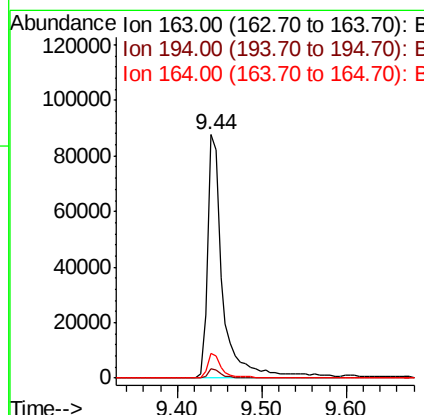
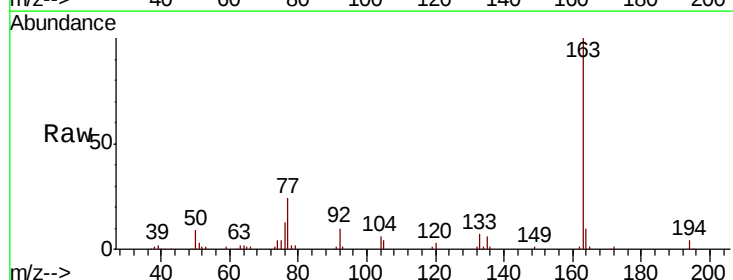
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Tgt Ion:172 Resp: 834357
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.7 19.7 29.5



#49
Dimethylphthalate
Concen: 11.620 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

Tgt Ion:163 Resp: 110891
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 8.1 12.1

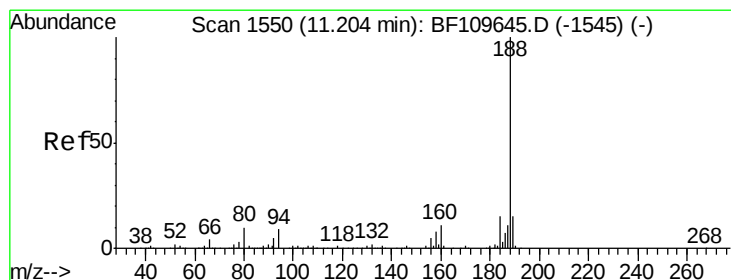
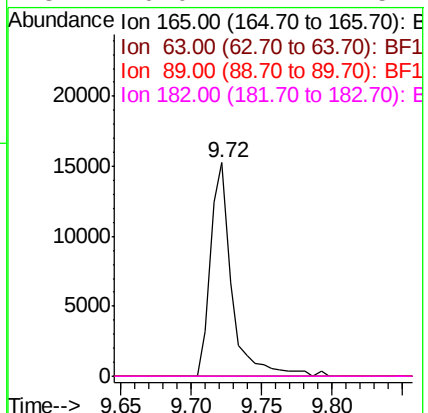
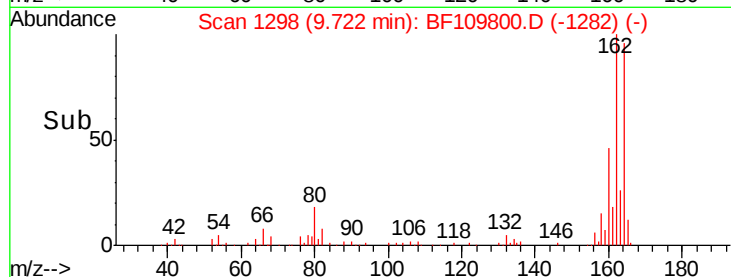
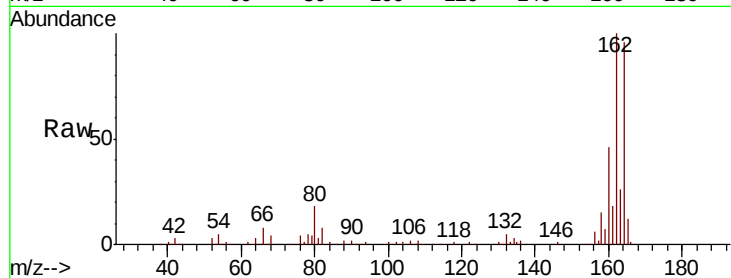




#56
2,4-Dinitrotoluene
Concen: 6.208 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

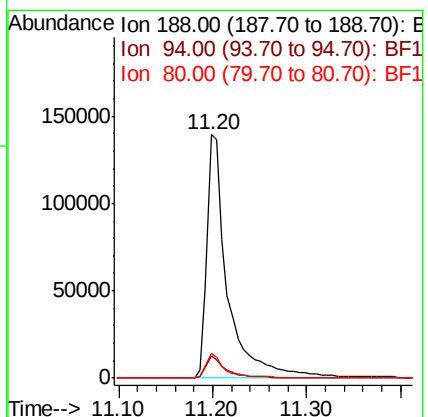
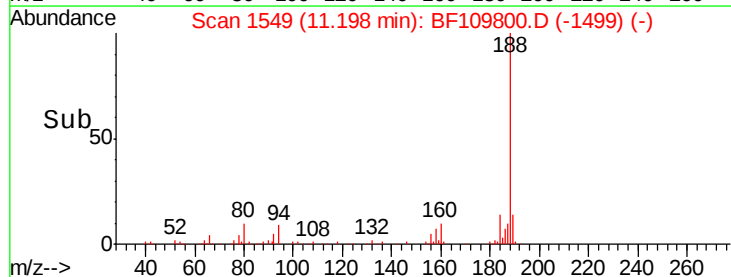
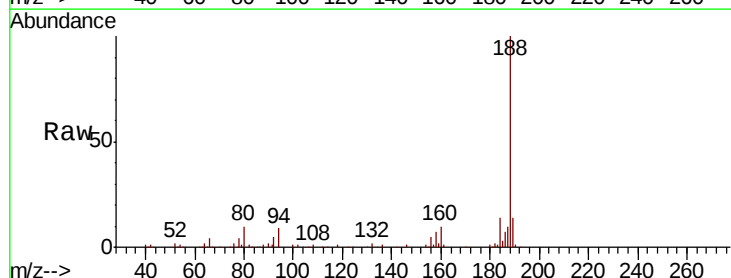
Instrument :
BNA_F
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0688-KM-PA-COMP

Tgt Ion:165 Resp: 16026
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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

Tgt Ion:188 Resp: 216716
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.0 7.9 11.9

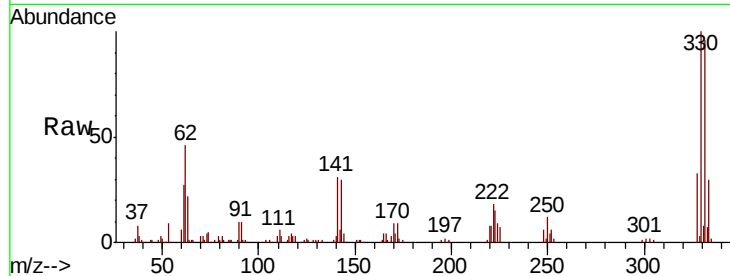




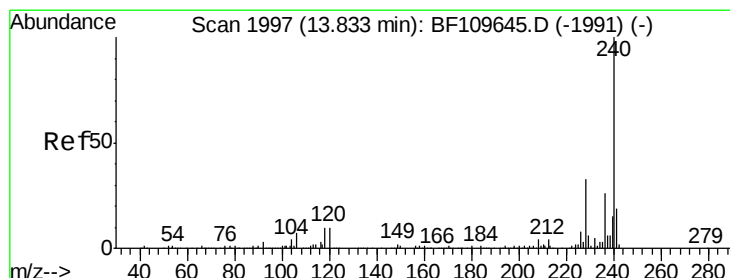
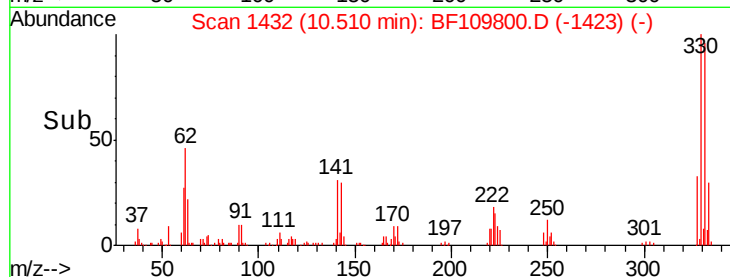
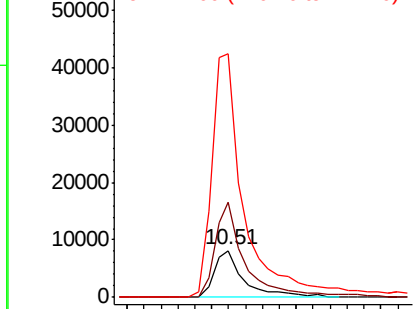
#66
4-Bromophenyl-phenylether
Concen: 3.991 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

Instrument :
BNA_F
ClientSampleId :
0688-KM-PA-COMP

Tgt Ion:248 Resp: 9939
Ion Ratio Lower Upper
248 100
250 202.7 79.4 119.2#
141 520.4 55.9 83.9#

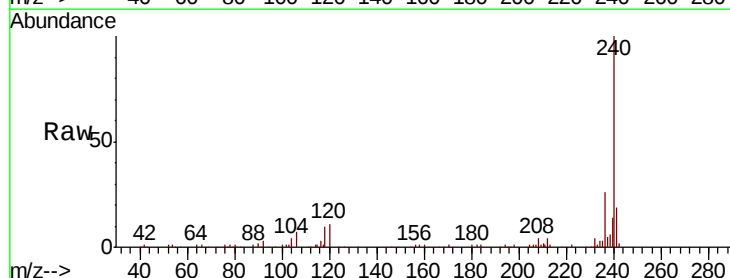


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

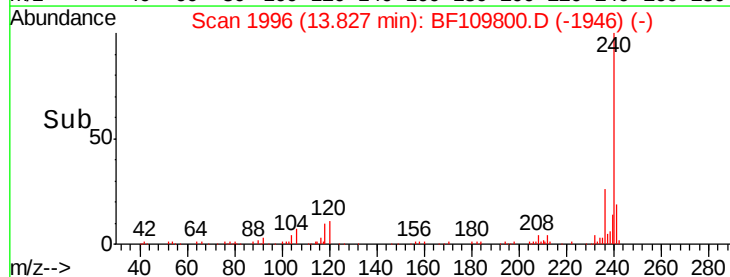
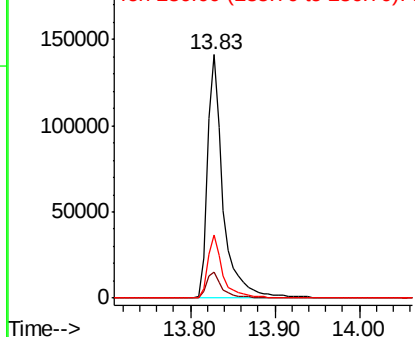


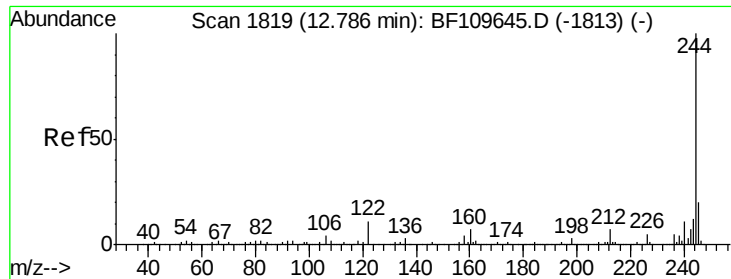
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109800.D
Acq: 11 Oct 2018 21:30

Tgt Ion:240 Resp: 182602
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 26.2 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

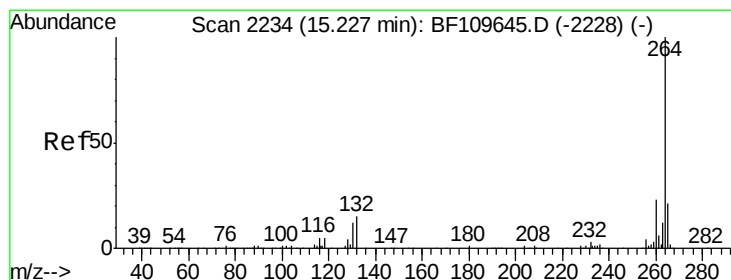
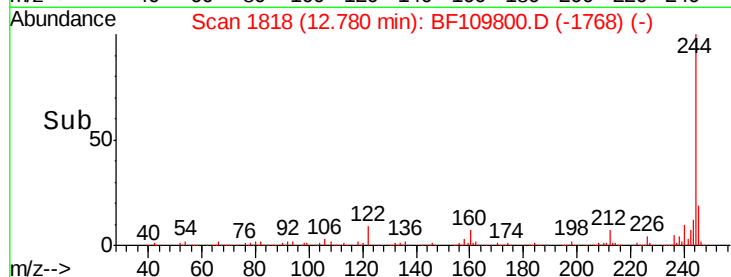
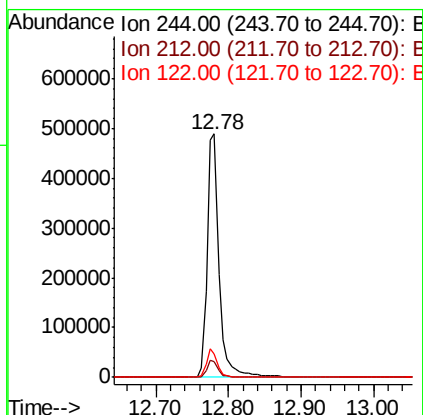
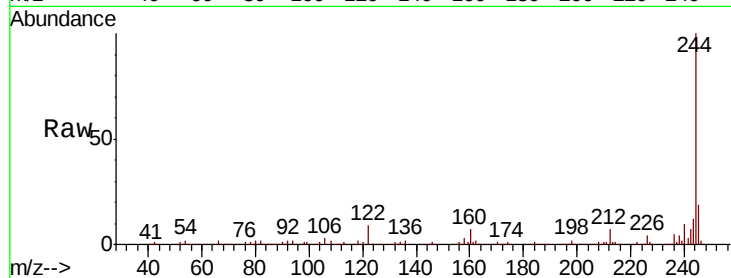




#78
 Terphenyl-d14
 Concen: 59.224 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109800.D
 Acq: 11 Oct 2018 21:30

Instrument :
 BNA_F
 ClientSampleId :
 0688-KM-PA-COMP

Tgt Ion:244 Resp: 558647
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 9.4 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: BF109800.D
 Acq: 11 Oct 2018 21:30

Tgt Ion:264 Resp: 207175
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.4 16.7 25.1

