

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112704.D
 Acq On : 25 Feb 2019 21:01
 Operator : JU/SJ
 Sample : K1595-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Quant Time: Feb 26 00:08:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

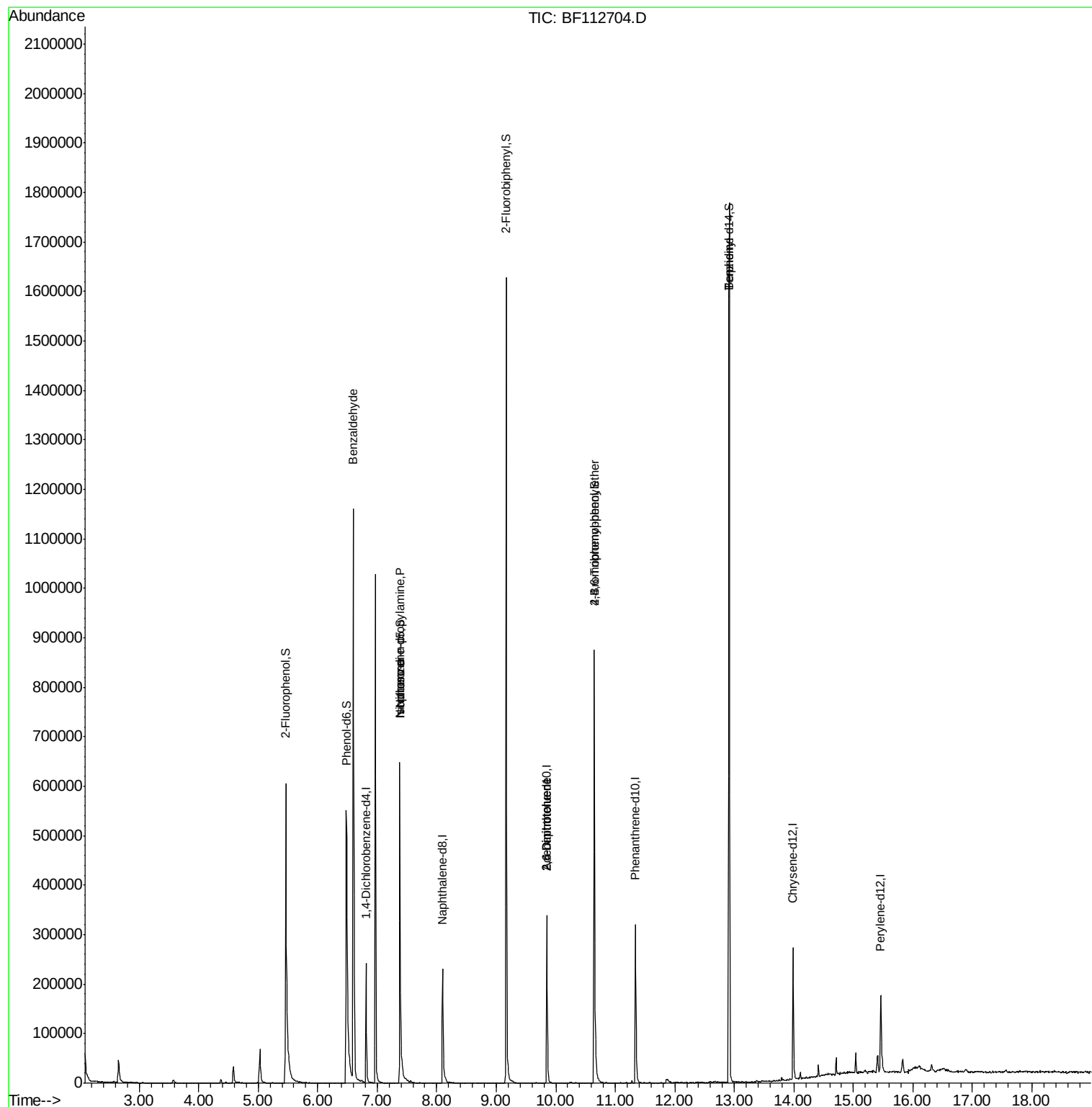
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	39574	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	151862	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	74489	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	142637	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	111892	20.00	ng	-0.02
87) Perylene-d12	15.46	264	95630	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	287344	154.23	ng	-0.02
7) Phenol-d6	6.48	99	330975	127.84	ng	-0.01
23) Nitrobenzene-d5	7.38	82	260827	98.96	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	131639	151.83	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	540777	102.68	ng	-0.04
79) Terphenyl-d14	12.92	244	610438	102.75	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.60	77	8405	6.211	ng	81
19) n-Nitroso-di-n-propylamine	7.38	70	34252	19.187	ng	# 80
25) Isophorone	7.38	82	260827	63.083	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	9195	7.094	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	9195	5.572	ng	# 30
67) 4-Bromophenyl-phenylether	10.64	248	7996	4.766	ng	# 1
77) Benizidine	12.92	184	8917	2.895	ng	93

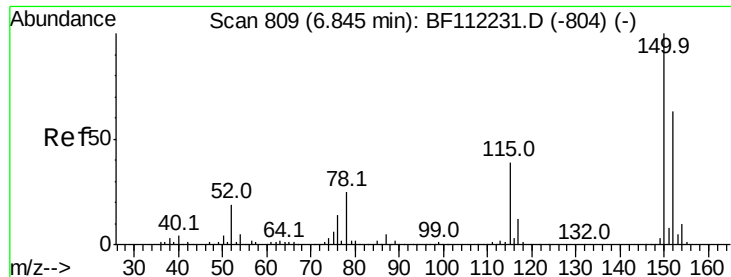
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112704.D
Acq On : 25 Feb 2019 21:01
Operator : JU/SJ
Sample : K1595-08RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

Quant Time: Feb 26 00:08:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



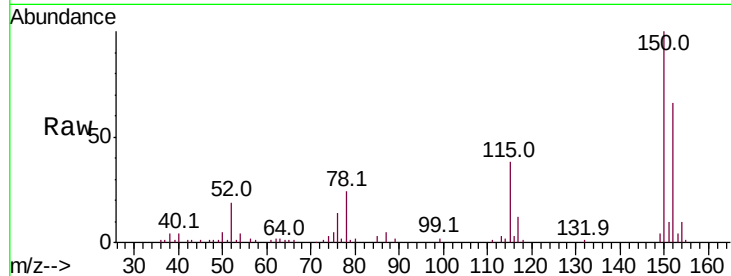


#1

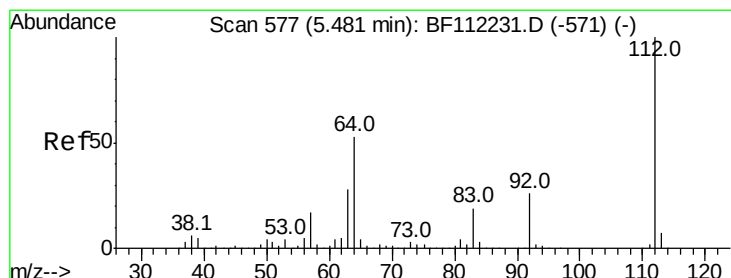
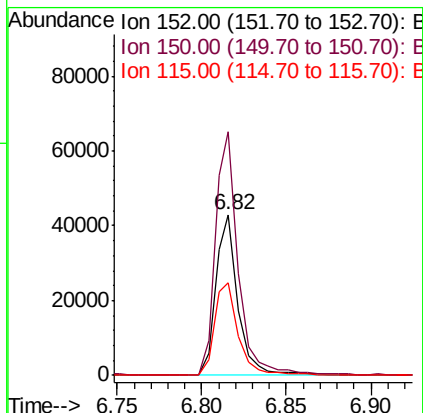
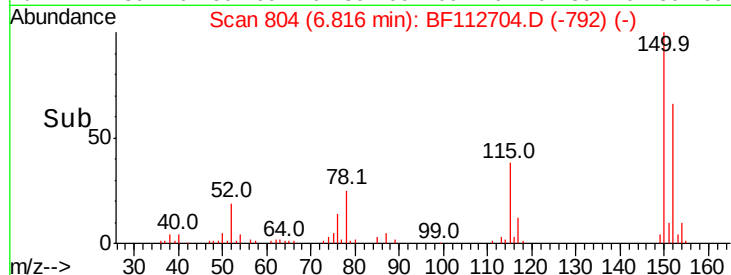
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

Tot Ion:152 Resp: 39574
Ion Ratio Lower Upper
152 100
150 151.5 127.4 191.0
115 57.4 45.5 68.3



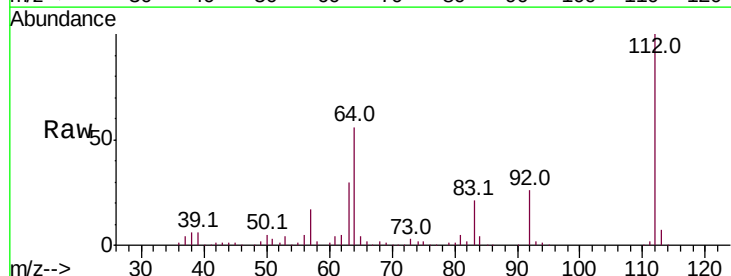
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



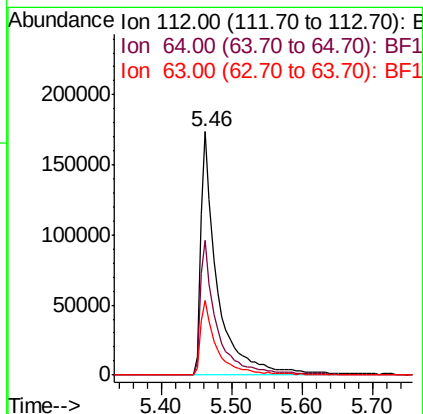
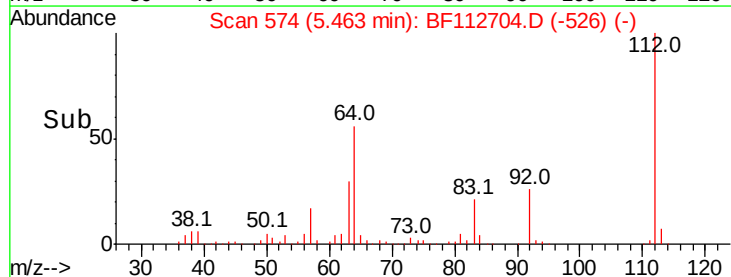
#5

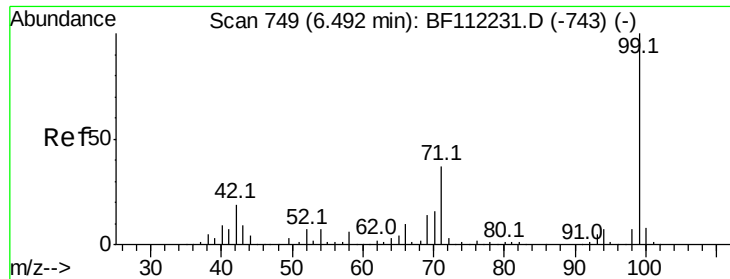
2-Fluorophenol
Concen: 154.227 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Tgt Ion:112 Resp: 287344
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.4 23.6 35.4



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: 127.843 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02RE

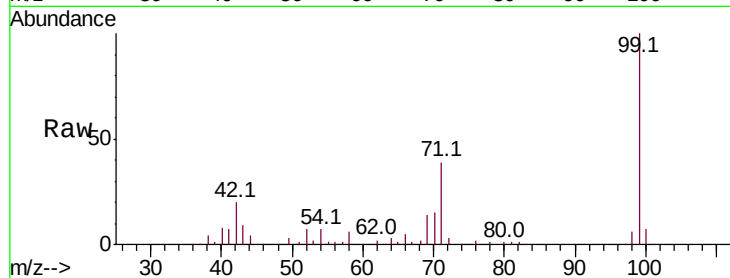
Tot Ion: 99 Resp: 330975

Ion Ratio Lower Upper

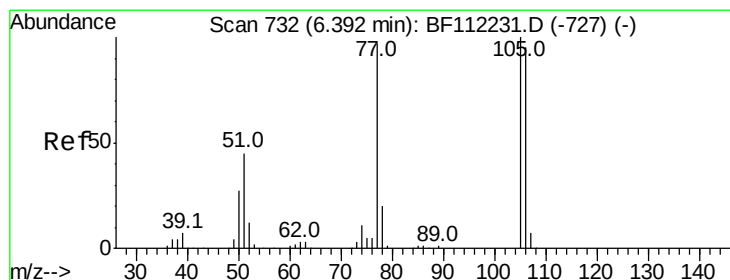
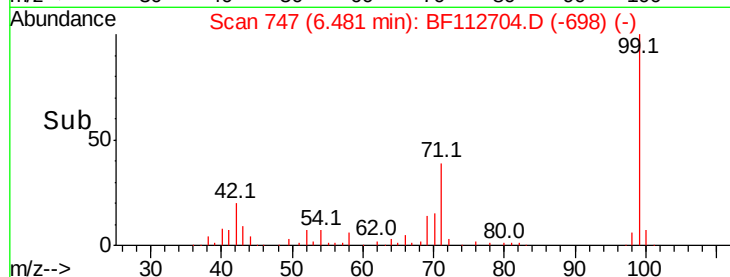
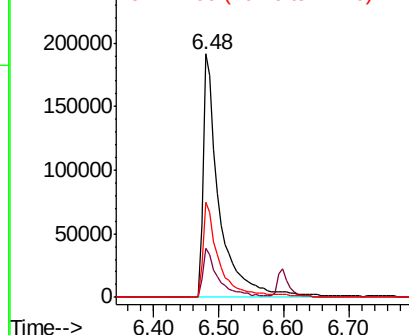
99 100

42 20.0 15.1 22.7

71 39.0 26.9 40.3



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



#9

Benzaldehyde

Concen: 6.211 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

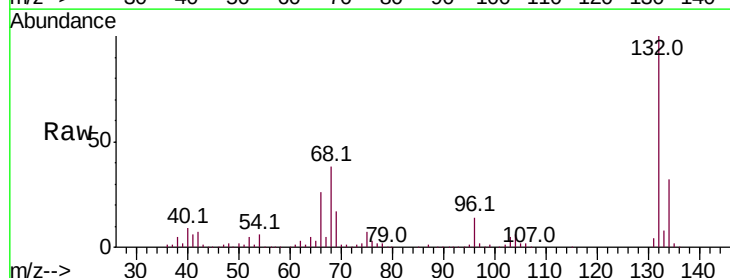
Tgt Ion: 77 Resp: 8405

Ion Ratio Lower Upper

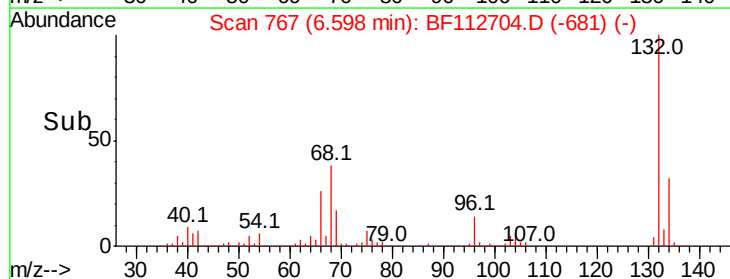
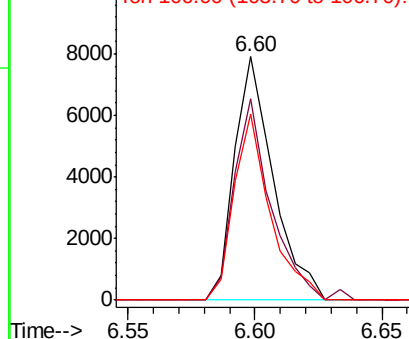
77 100

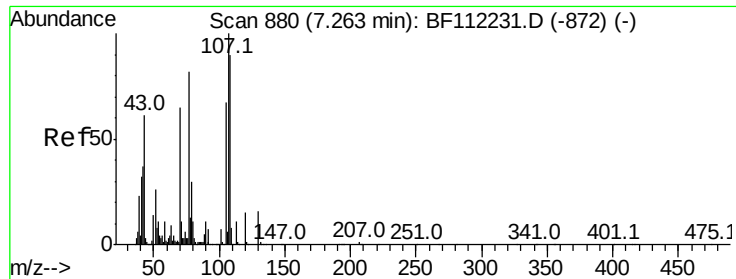
105 82.8 80.8 120.8

106 76.5 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

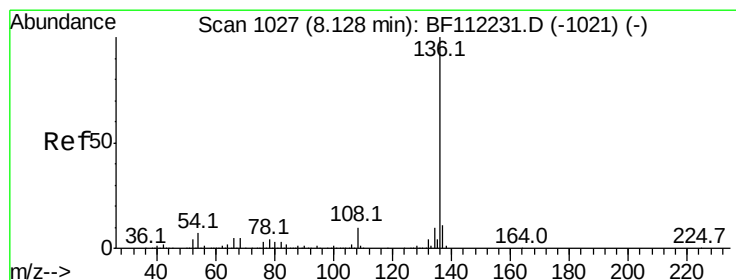
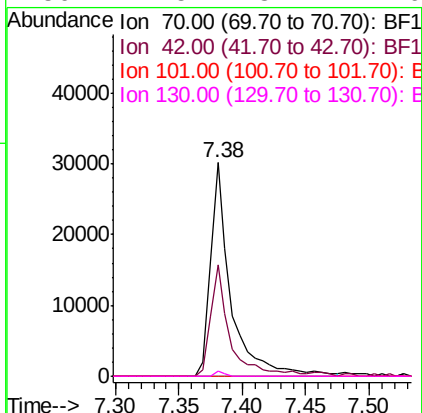
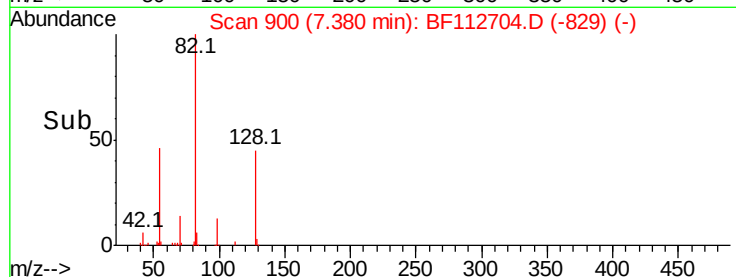
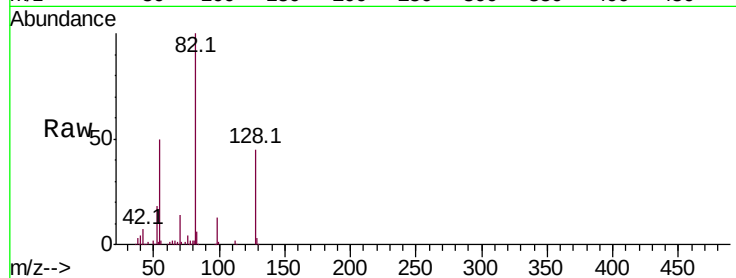




#19
n-Nitroso-di-n-propylamine
Concen: 19.187 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

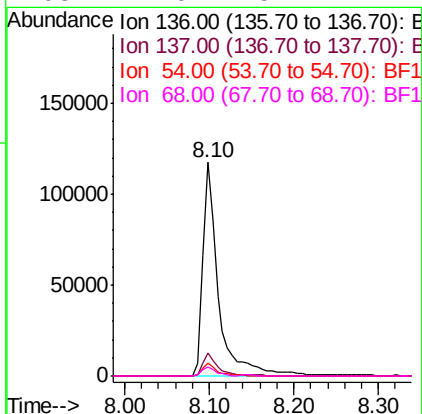
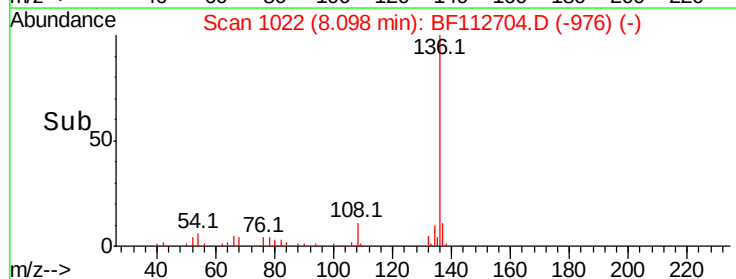
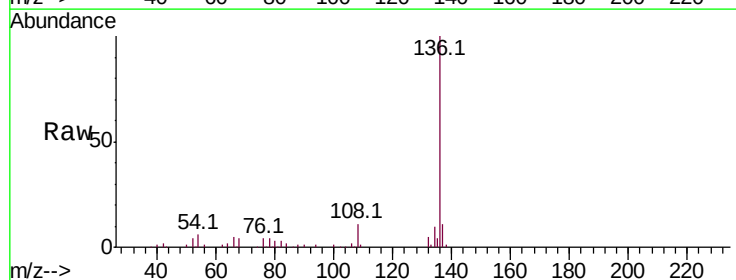
Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

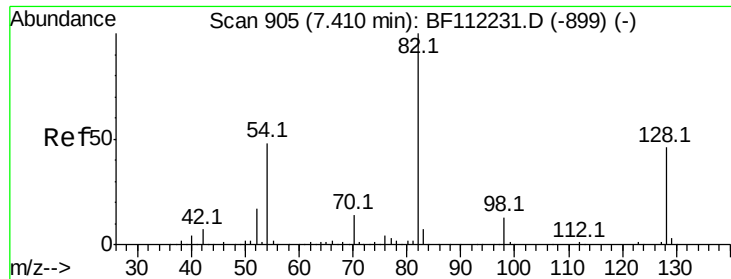
Tot Ion: 70 Resp: 34252
Ion Ratio Lower Upper
70 100
42 52.0 47.6 71.4
101 0.0 7.9 11.9#
130 2.5 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Tgt Ion:136 Resp: 151862
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.1 5.9 8.9
68 4.0 5.1 7.7#

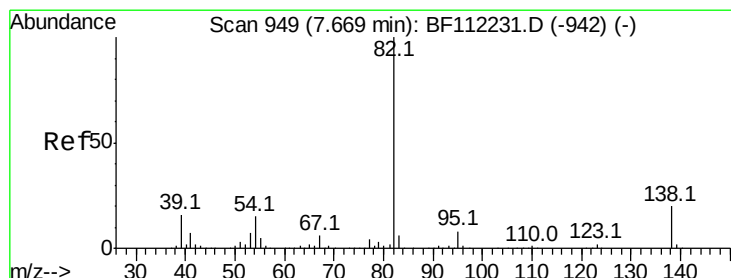
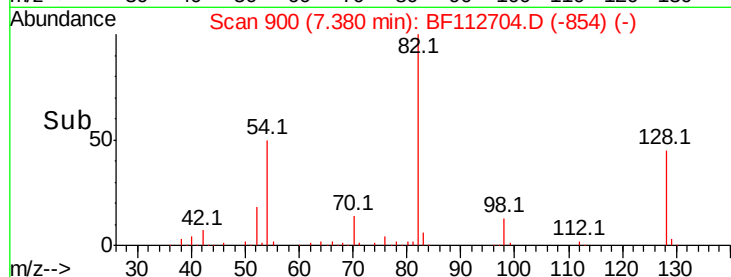
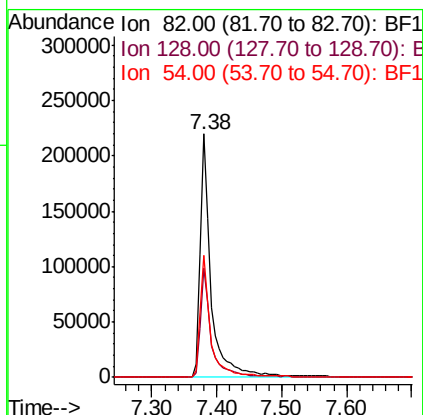
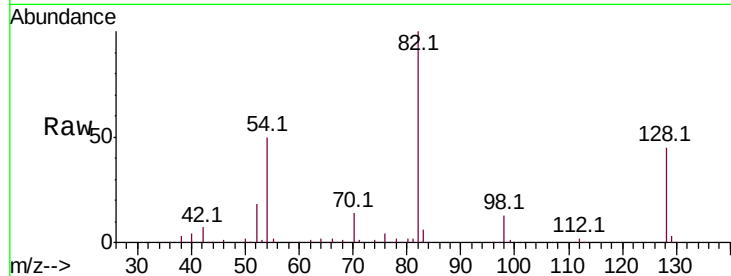




#23
Nitrobenzene-d5
Concen: 98.964 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

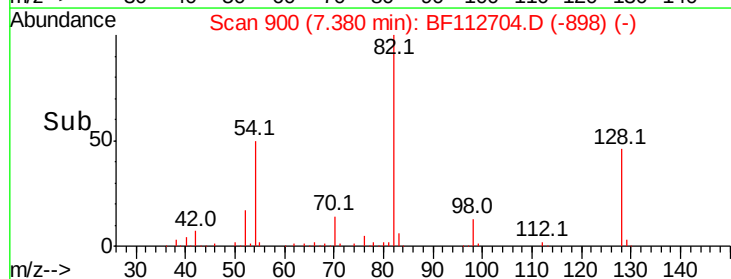
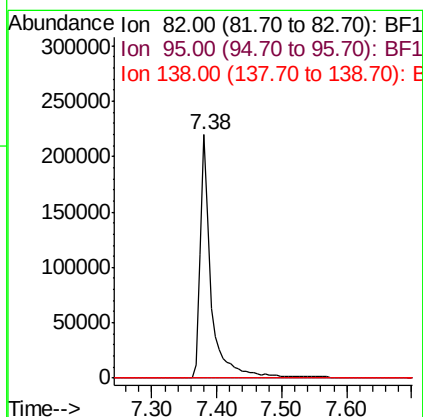
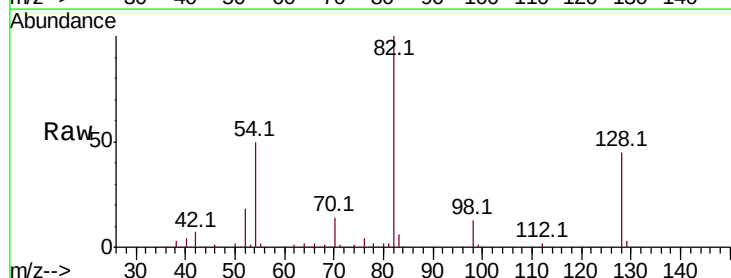
Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

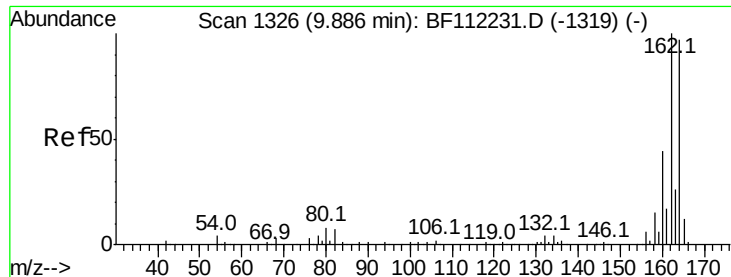
Tot Ion	82	Resp	260827
Ion Ratio	100	Lower	Upper
128	45.0	37.8	56.8
54	49.9	39.7	59.5



#25
Isophorone
Concen: 63.083 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Tgt Ion	82	Resp	260827
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

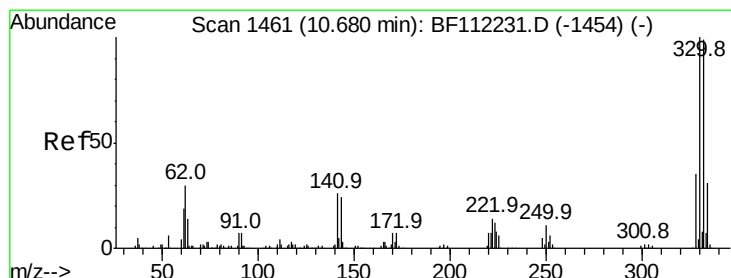
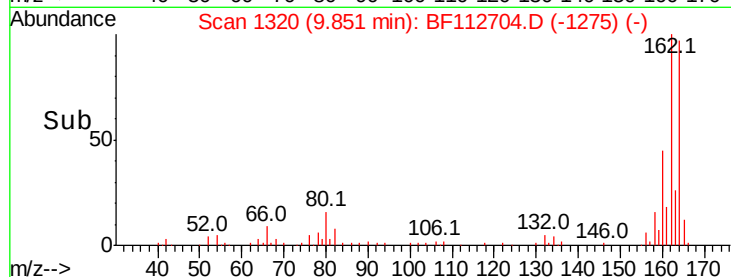
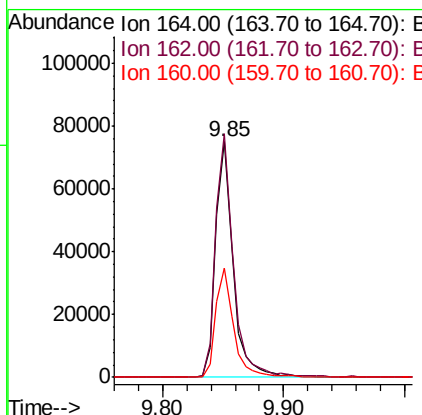
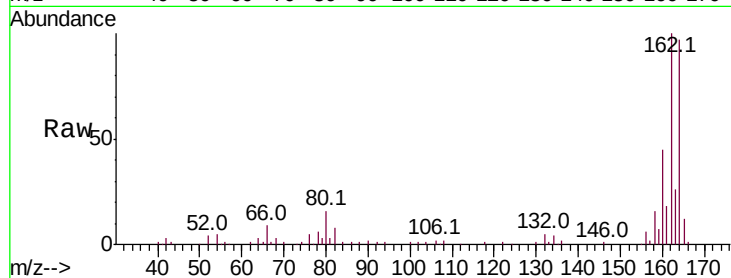




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

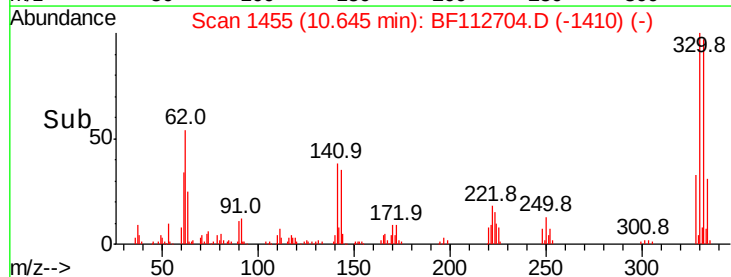
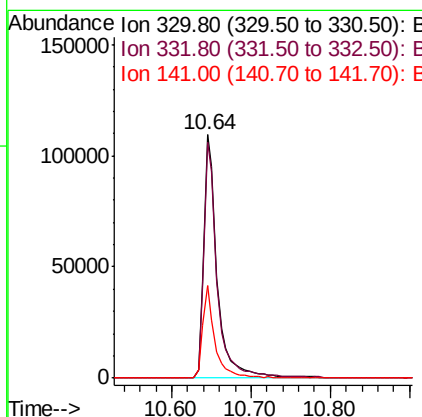
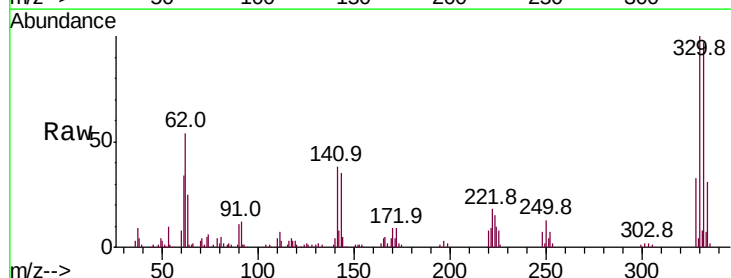
Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

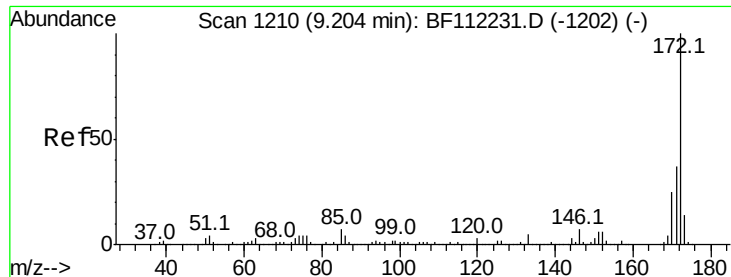
Tot Ion:164 Resp: 74489
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.4
160 46.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 151.827 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Tgt Ion:330 Resp: 131639
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 34.7 24.3 36.5

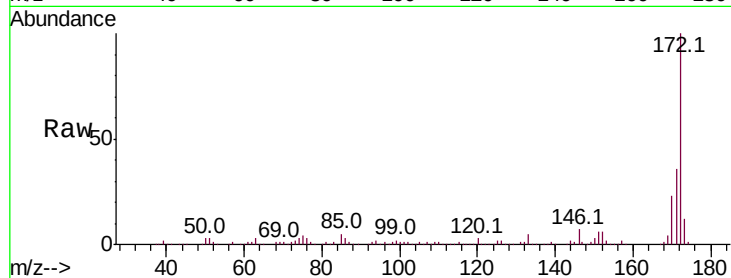




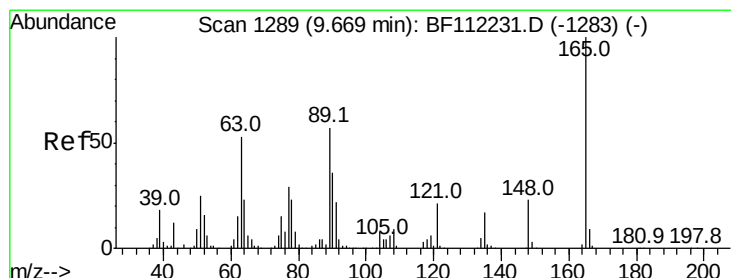
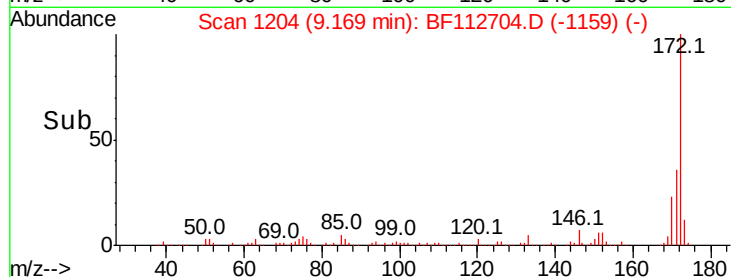
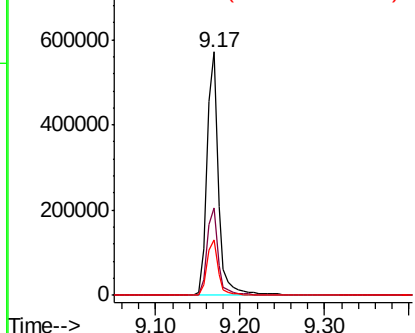
#45
 2-Fluorobiphenyl
 Concen: 102.678 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Tot Ion:172 Resp: 540777
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.5 45.7
 170 22.8 20.2 30.4

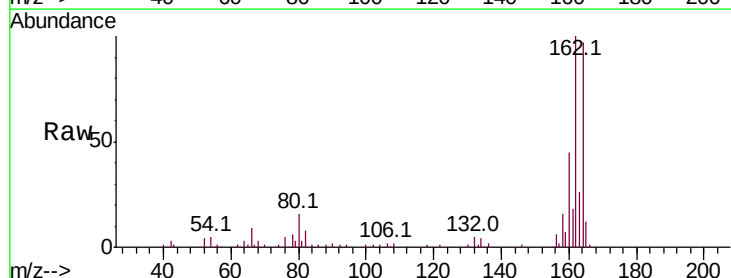


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

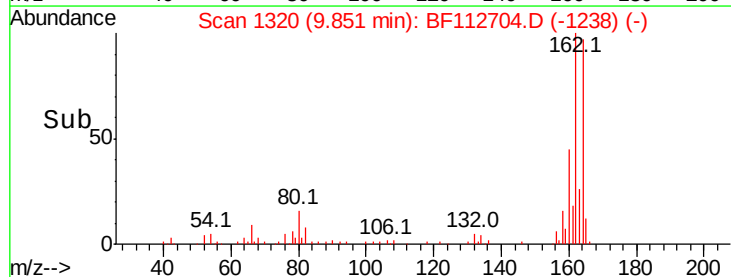
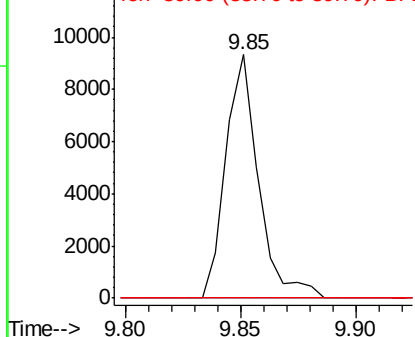


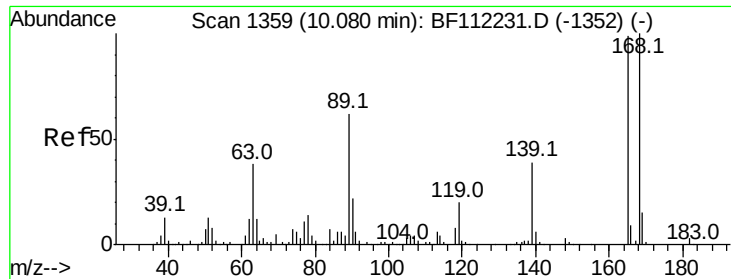
#51
 2,6-Dinitrotoluene
 Concen: 7.094 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Tgt Ion:165 Resp: 9195
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 0.0 36.9 55.3#



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

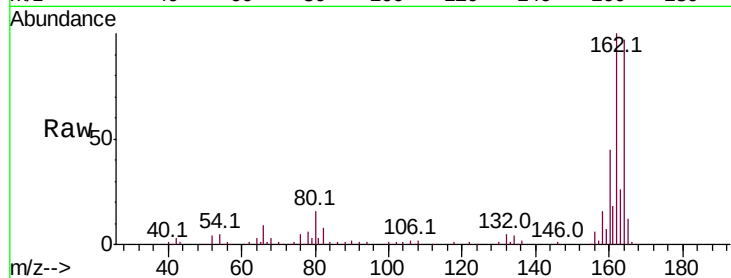




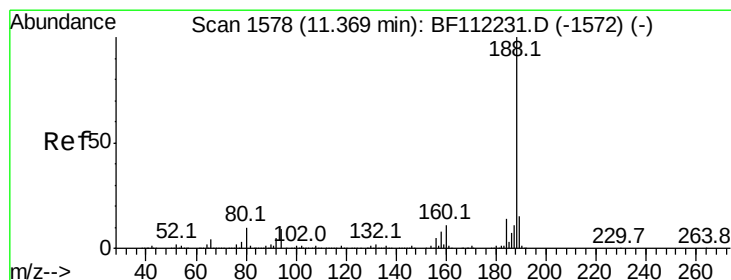
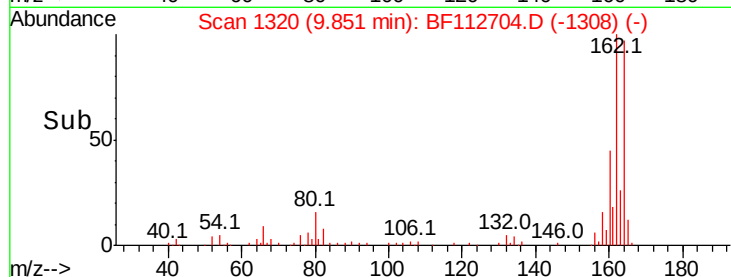
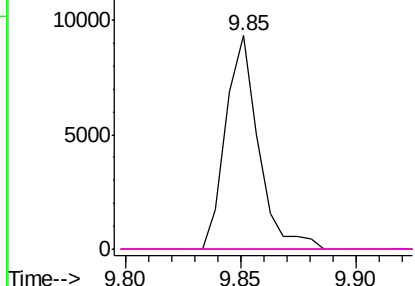
#57
 2,4-Dinitrotoluene
 Concen: 5.572 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Tot Ion:	165	Resp:	9195
Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#

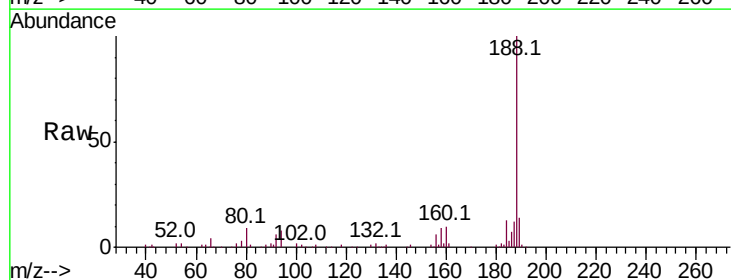


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

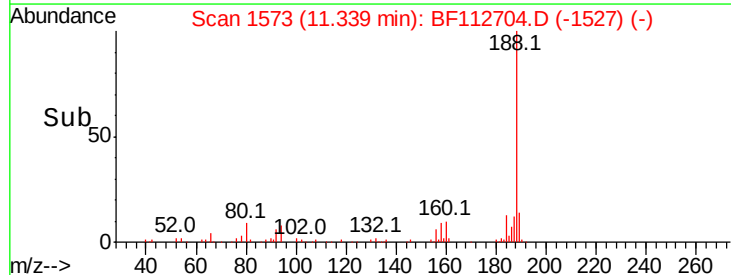
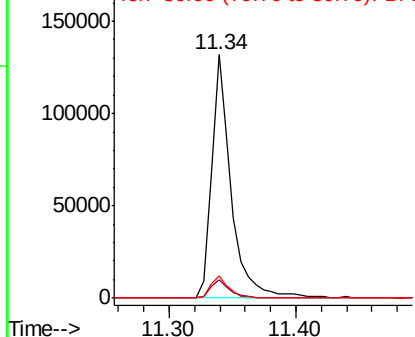


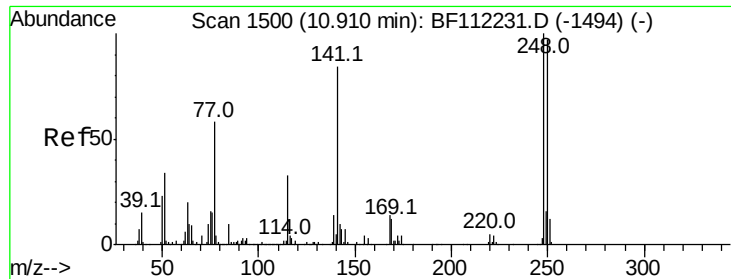
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Tgt Ion:	188	Resp:	142637
Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.2#
80	8.9	8.9	13.3



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

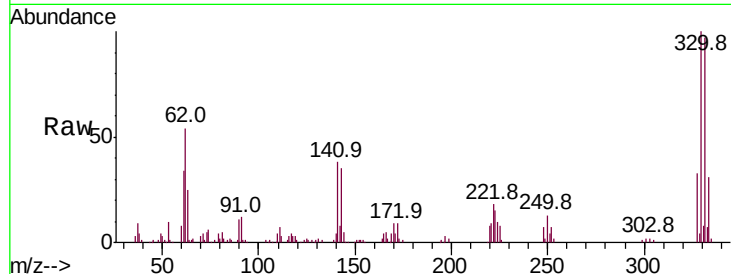




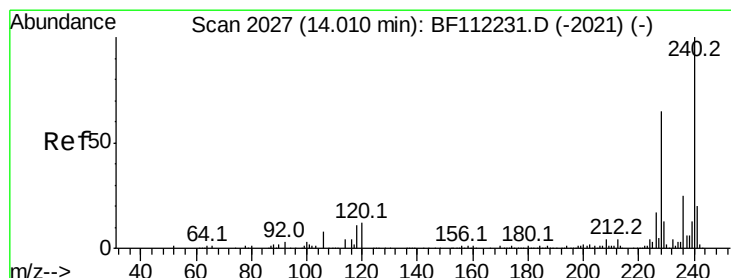
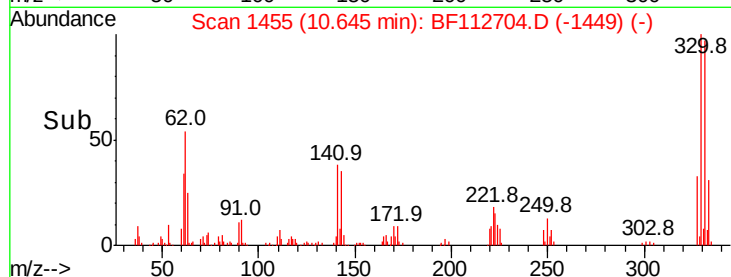
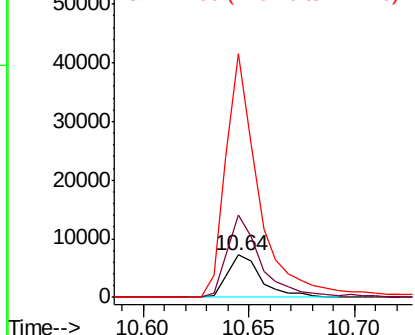
#67
 4-Bromophenyl-phenylether
 Concen: 4.766 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.26 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Tot Ion:248 Resp: 7996
 Ion Ratio Lower Upper
 248 100
 250 193.4 79.7 119.5#
 141 573.6 60.3 90.5#

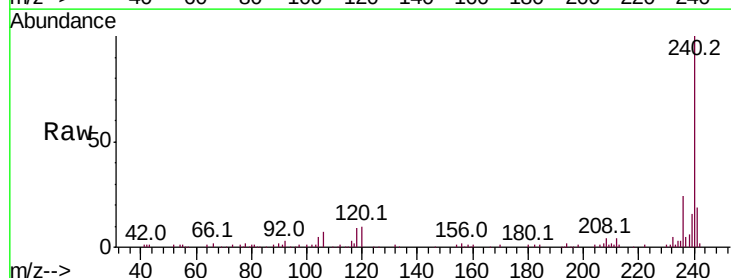


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

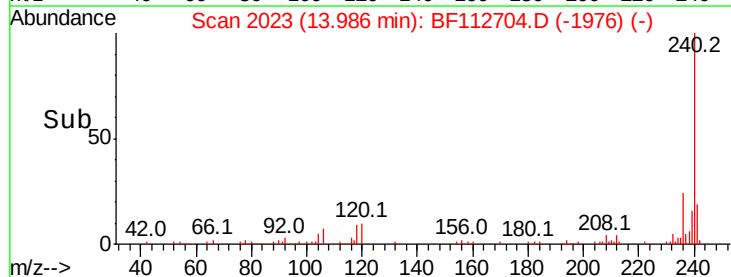
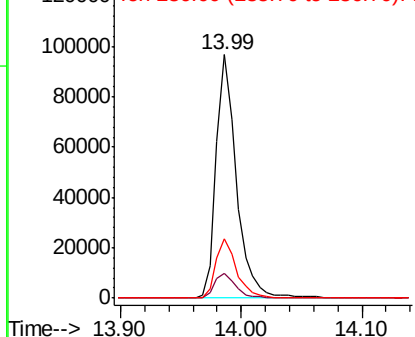


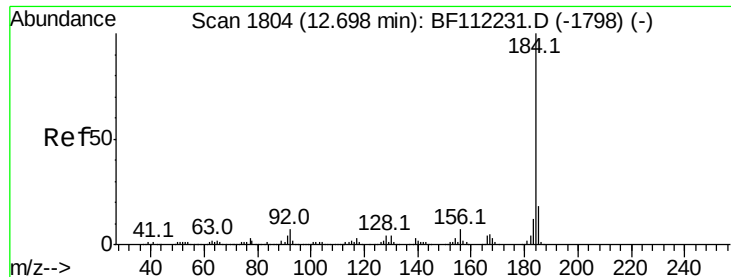
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Tgt Ion:240 Resp: 111892
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.0 13.6
 236 24.2 20.7 31.1



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





#77

Benzidine

Concen: 2.895 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.22 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02RE

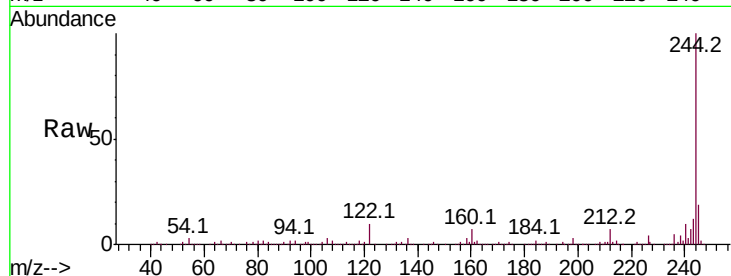
Tot Ion:184 Resp: 8917

Ion Ratio Lower Upper

184 100

185 14.0 13.9 20.9

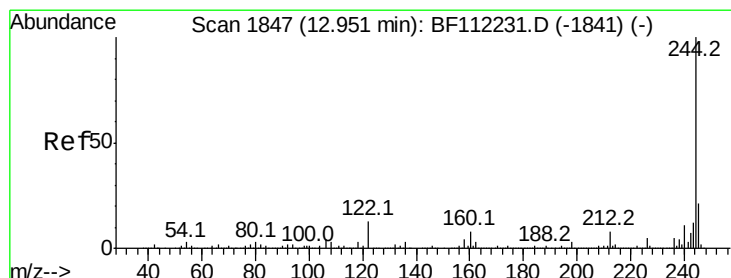
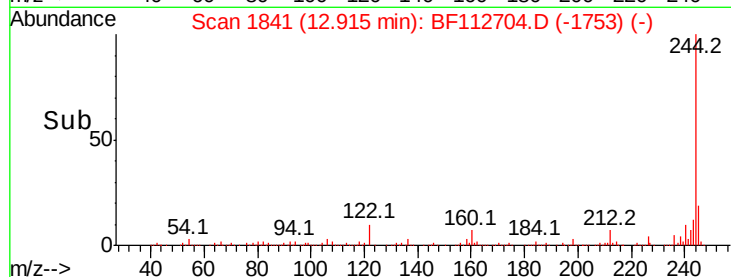
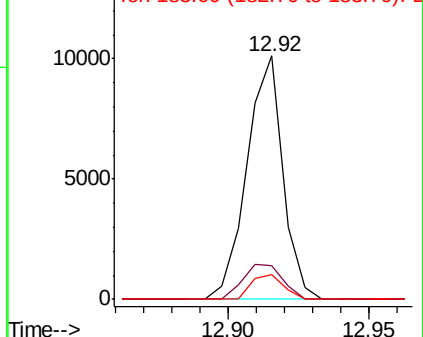
183 10.4 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.753 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

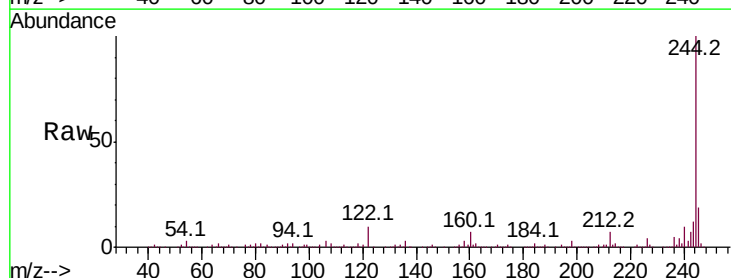
Tgt Ion:244 Resp: 610438

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

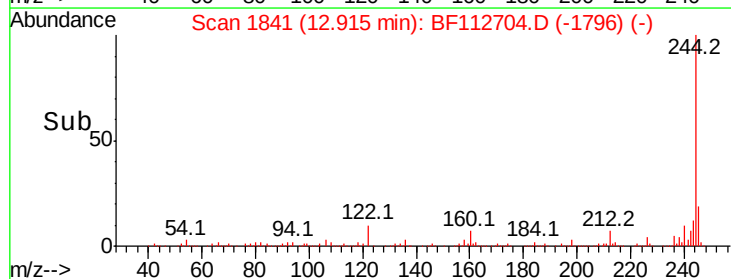
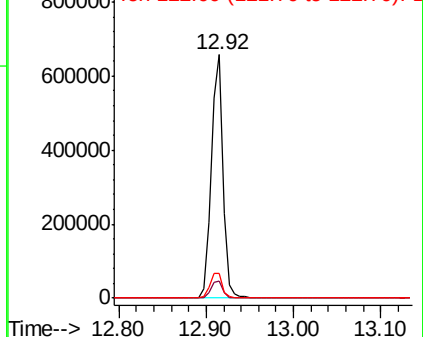
122 10.3 9.8 14.6

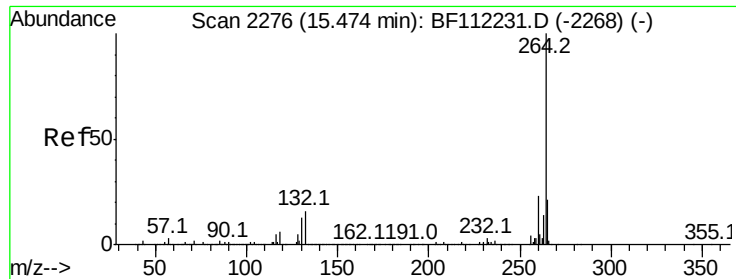


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

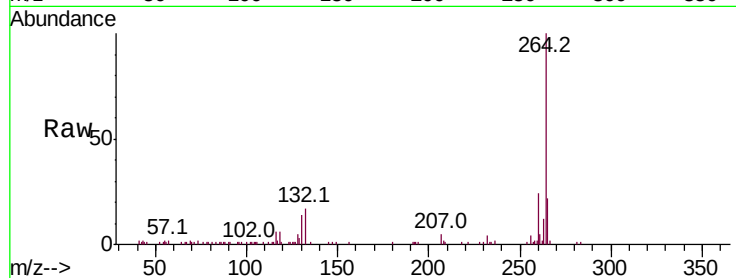




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	22.1	17.0	25.4



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

