

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112693.D
 Acq On : 25 Feb 2019 15:36
 Operator : JU/SJ
 Sample : K1595-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 26 00:06:51 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

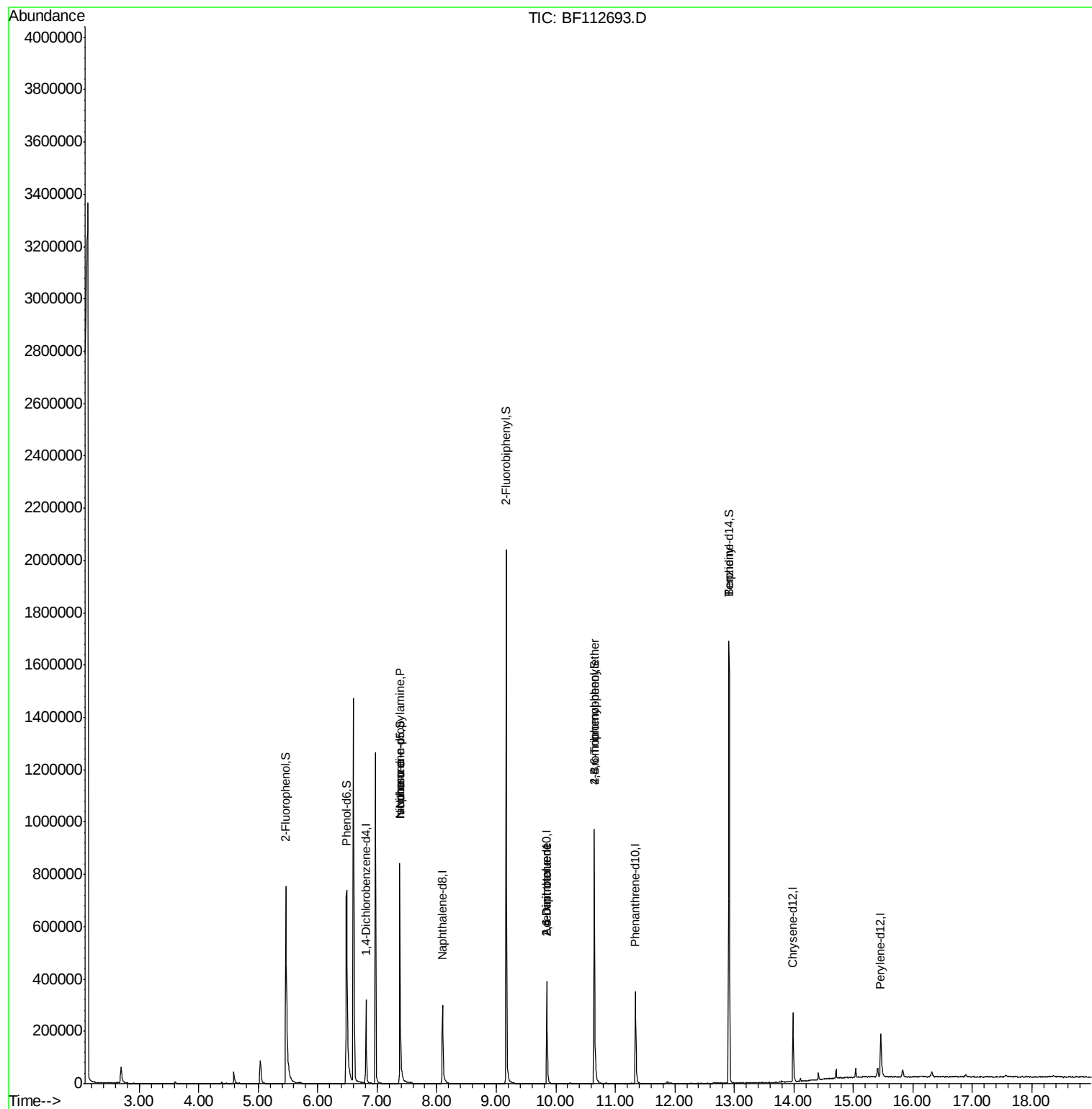
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47974	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	183365	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	86677	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	153631	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	113768	20.00	ng	-0.02
87) Perylene-d12	15.46	264	103580	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	349407	154.70	ng	-0.01
7) Phenol-d6	6.49	99	407049	129.70	ng	0.00
23) Nitrobenzene-d5	7.38	82	312594	98.23	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	139767	138.53	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	637884	104.09	ng	-0.04
79) Terphenyl-d14	12.91	244	590360	97.73	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	42291	19.542	ng	# 79
25) Isophorone	7.38	82	312591	62.613	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	11101	7.360	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	11101	5.781	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	8213	4.545	ng	# 1
77) Benzidine	12.91	184	8738	2.791	ng	# 94

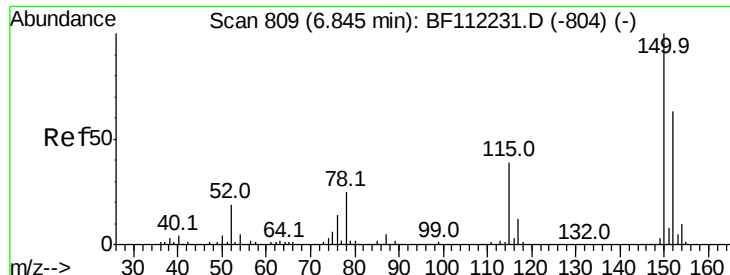
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112693.D
Acq On : 25 Feb 2019 15:36
Operator : JU/SJ
Sample : K1595-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-MH-C02

Quant Time: Feb 26 00:06:51 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



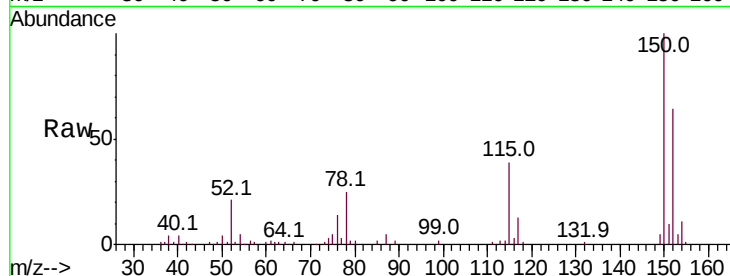


#1

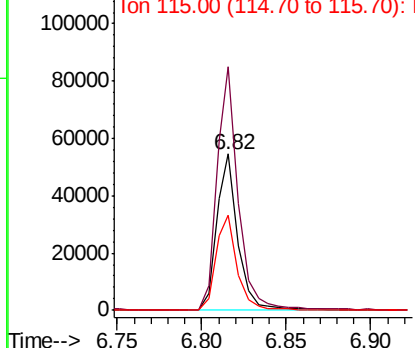
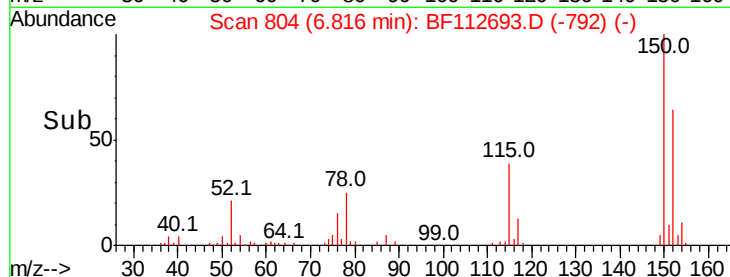
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

Instrument :
BNA_F
ClientSampleId :
TP-MH-C02

Tot Ion:152 Resp: 47974
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 61.1 45.5 68.3



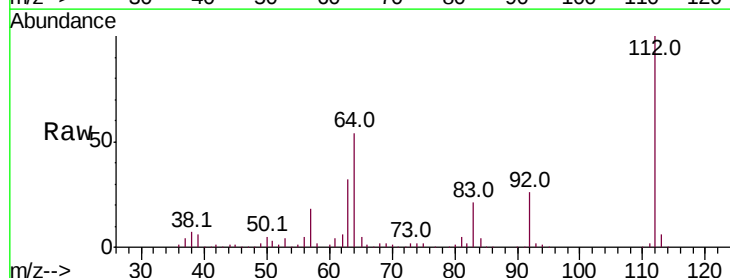
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



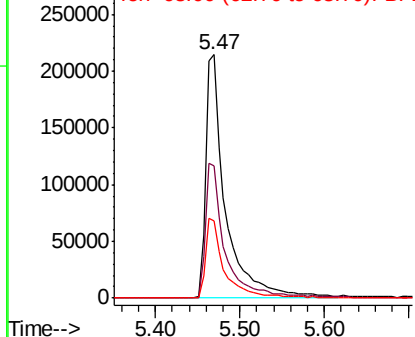
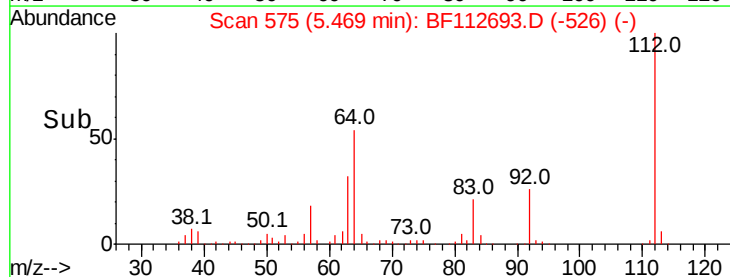
#5

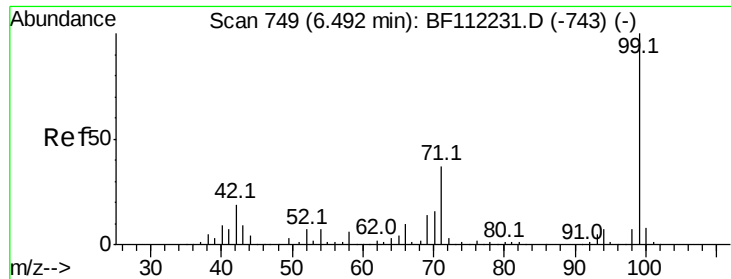
2-Fluorophenol
Concen: 154.701 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

Tgt Ion:112 Resp: 349407
Ion Ratio Lower Upper
112 100
64 54.3 45.7 68.5
63 31.7 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: 129.698 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02

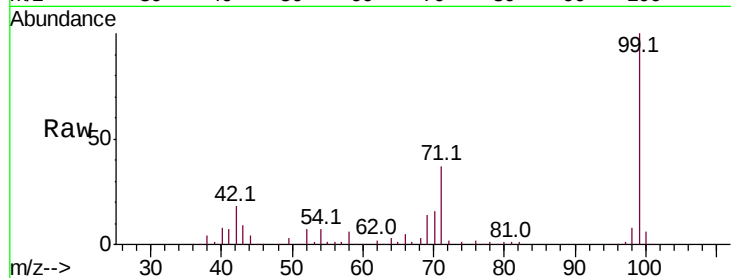
Tot Ion: 99 Resp: 407049

Ion Ratio Lower Upper

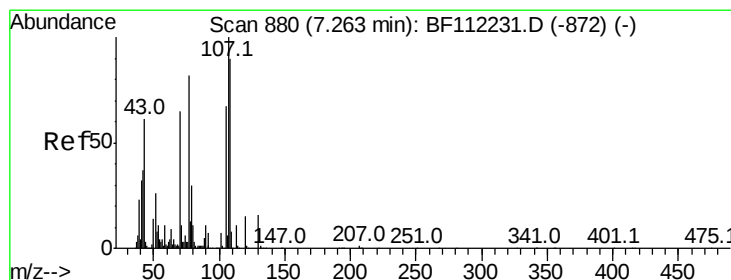
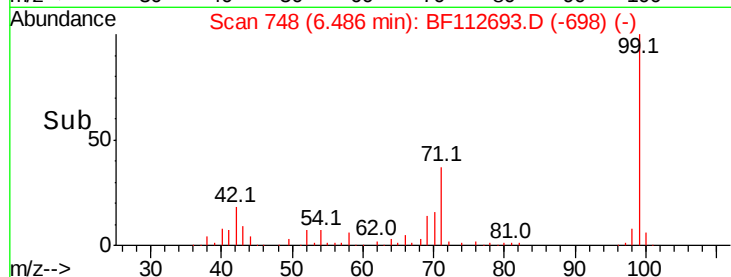
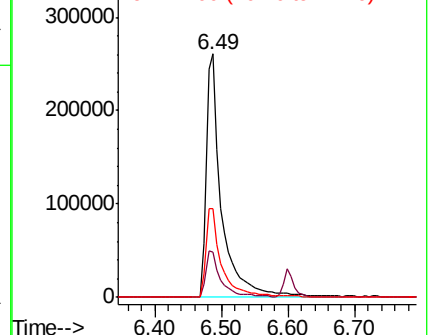
99 100

42 18.4 15.1 22.7

71 36.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.542 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.12 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Tgt Ion: 70 Resp: 42291

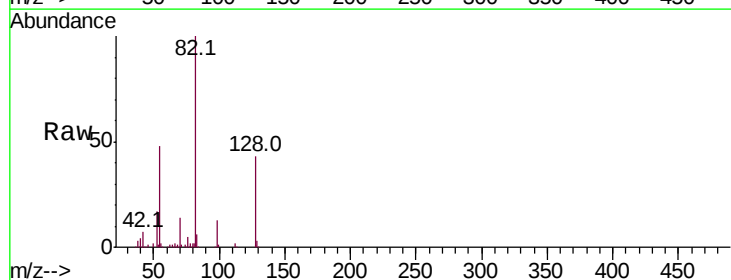
Ion Ratio Lower Upper

70 100

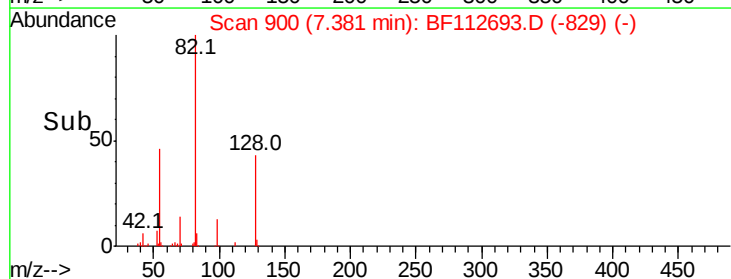
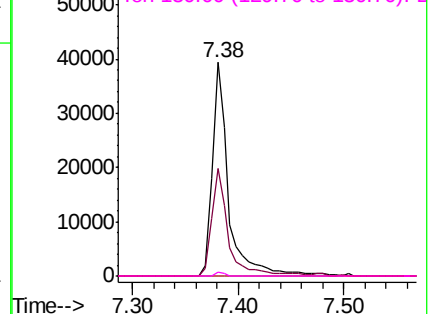
42 50.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#



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

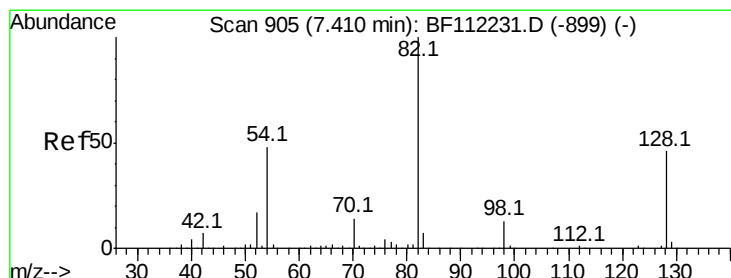
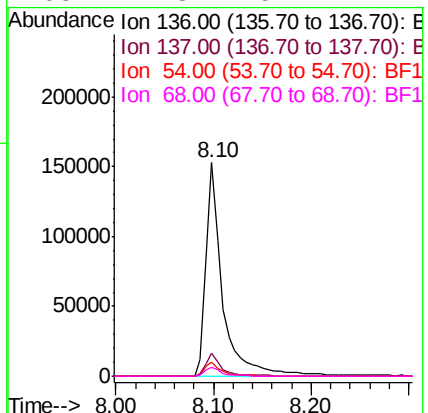
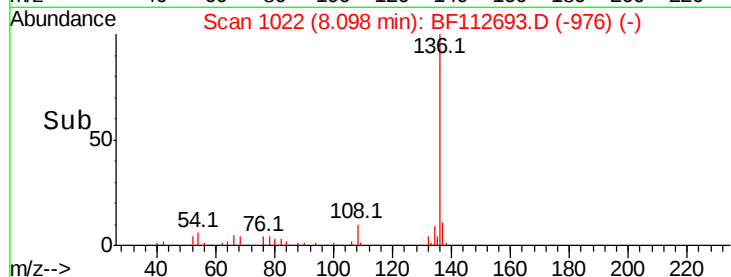
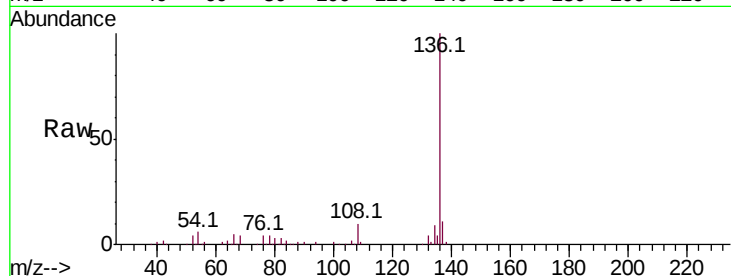




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

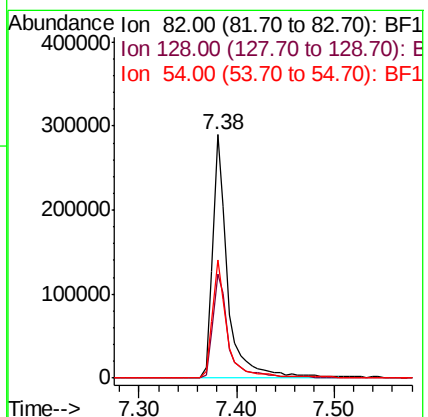
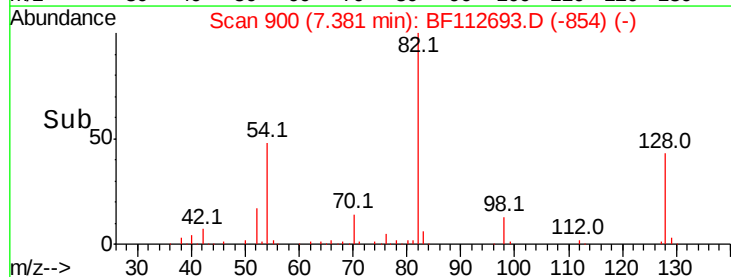
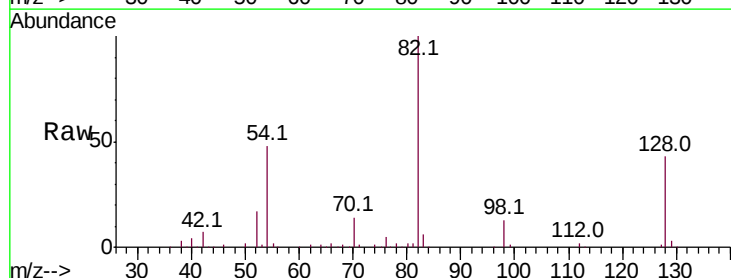
Instrument :
BNA_F
ClientSampleId :
TP-MH-C02

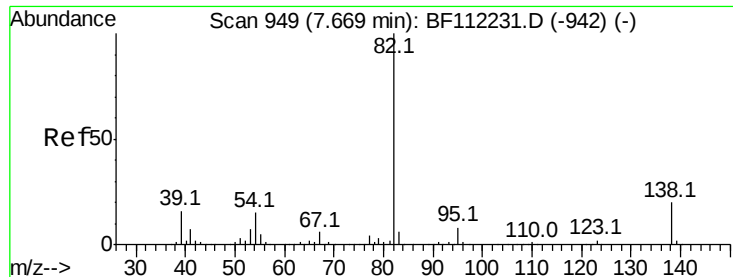
Tot Ion:136	Resp:	183365
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	6.4	5.9 8.9
68	4.3	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 98.228 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

Tgt Ion: 82	Resp:	312594
Ion Ratio	Lower	Upper
82	100	
128	43.0	37.8 56.8
54	48.5	39.7 59.5





#25

Isophorone

Concen: 62.613 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02

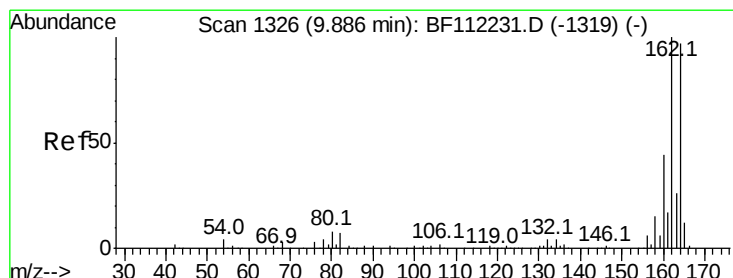
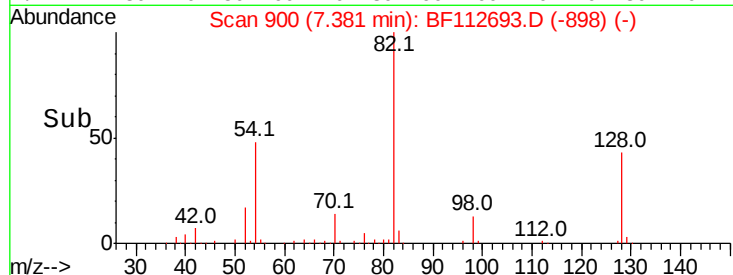
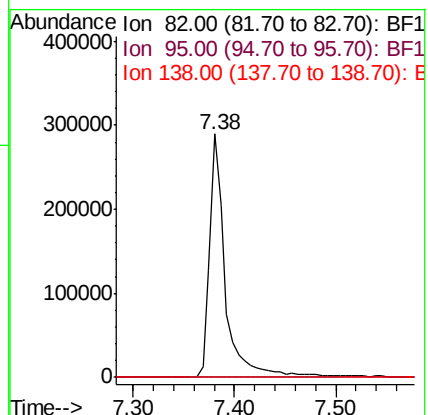
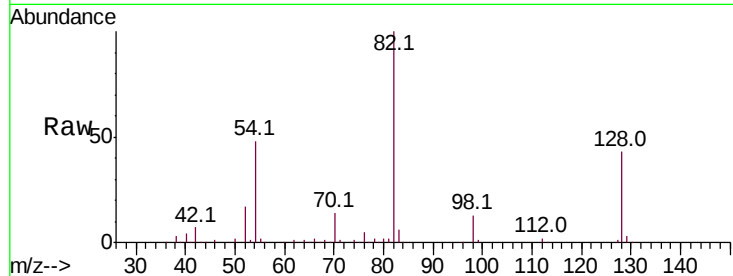
Tot Ion: 82 Resp: 312591

Ion Ratio Lower Upper

82 100

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: BF112693.D

Acq: 25 Feb 2019 15:36

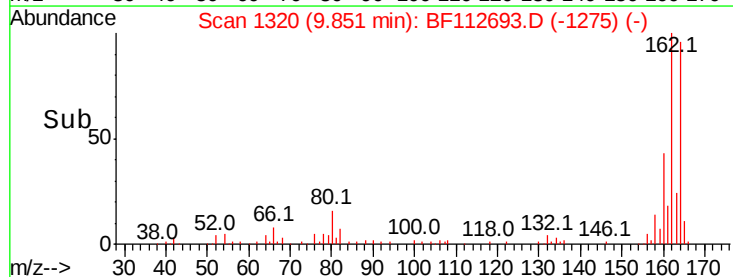
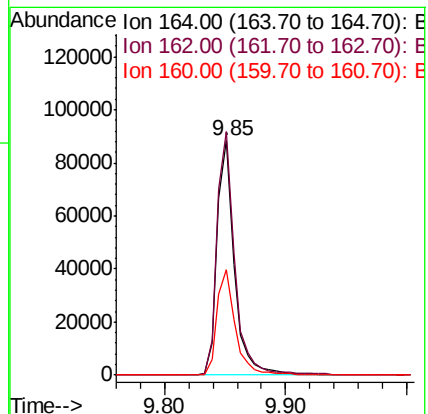
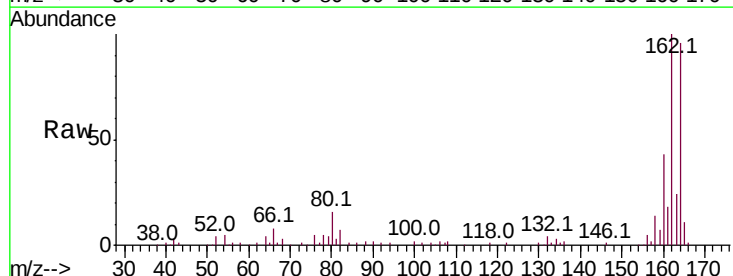
Tgt Ion: 164 Resp: 86677

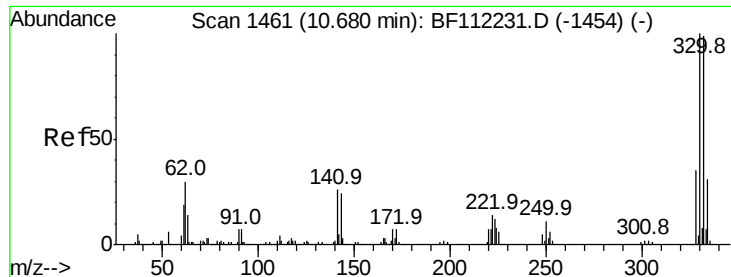
Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.4

160 45.1 36.2 54.4

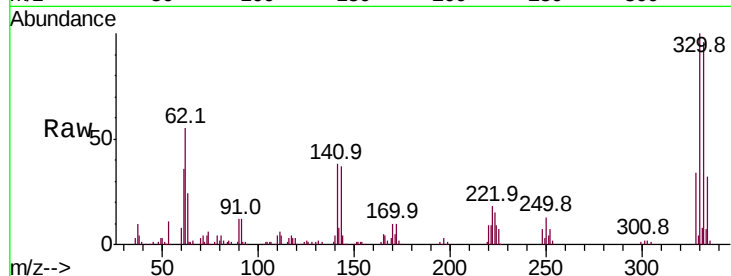




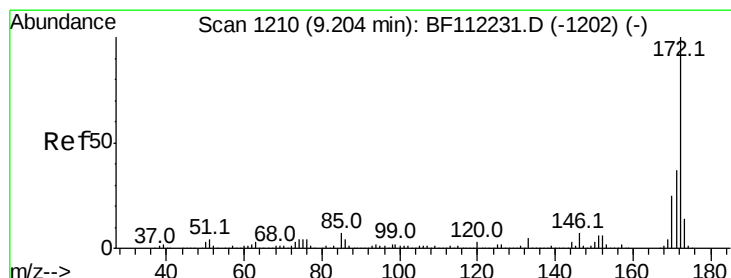
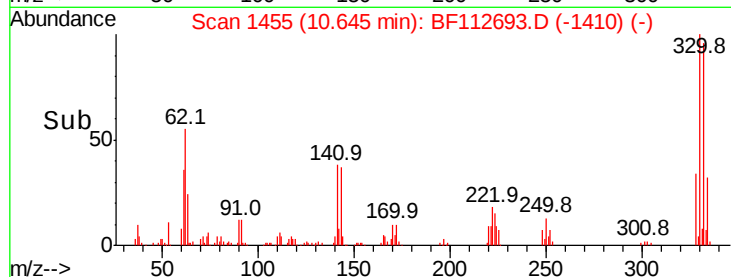
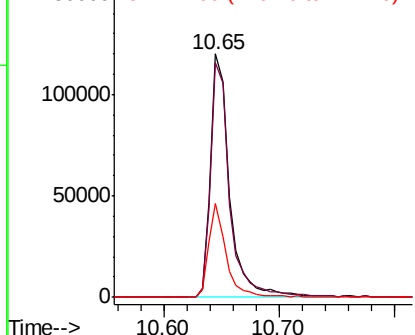
#42
 2,4,6-Tribromophenol
 Concen: 138.535 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	35.7	24.3	36.5

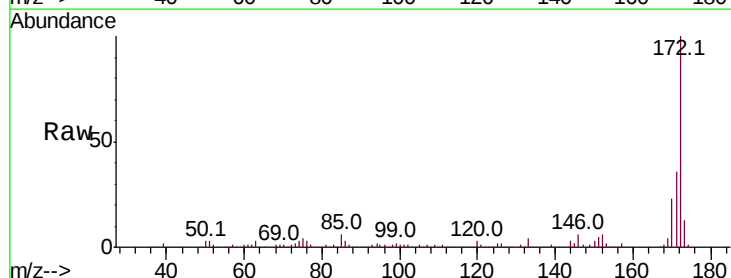


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

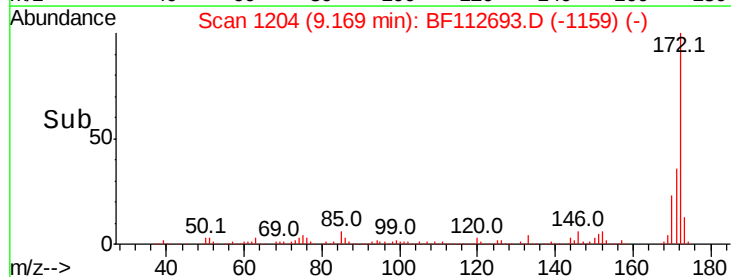
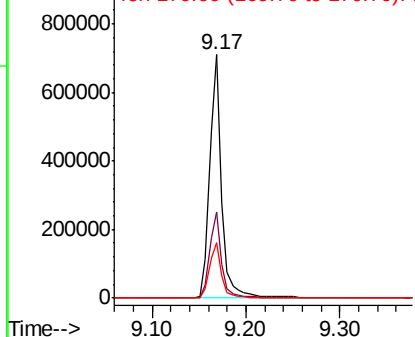


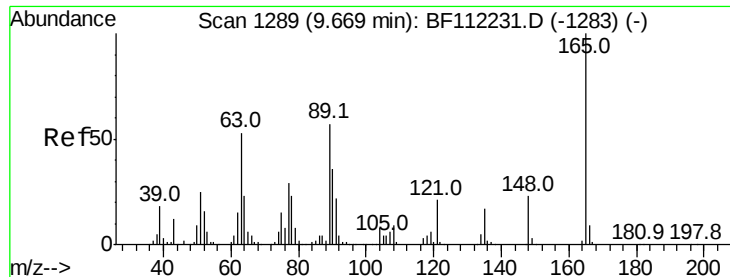
#45
 2-Fluorobiphenyl
 Concen: 104.086 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	23.0	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: 7.360 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Instrument :

BNA_F

ClientSampled :

TP-MH-C02

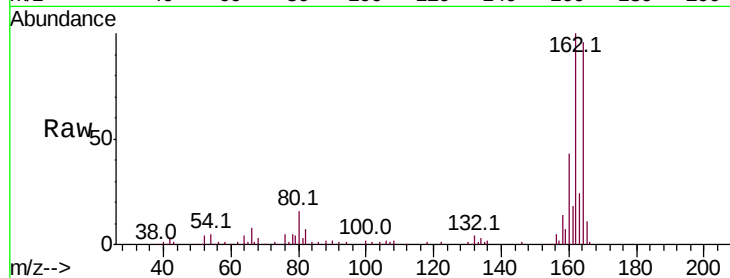
Tot Ion:165 Resp: 11101

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

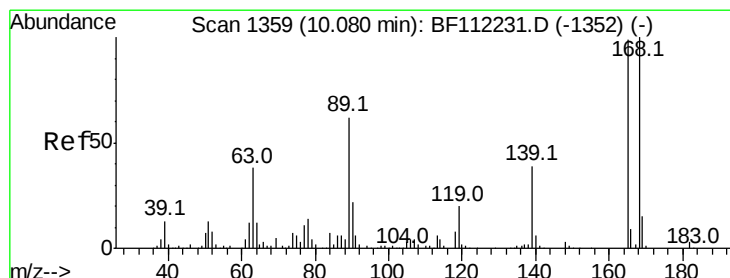
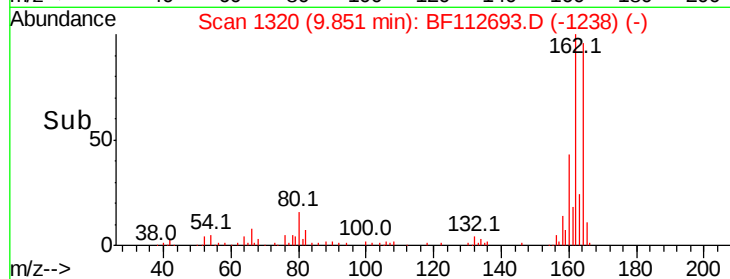
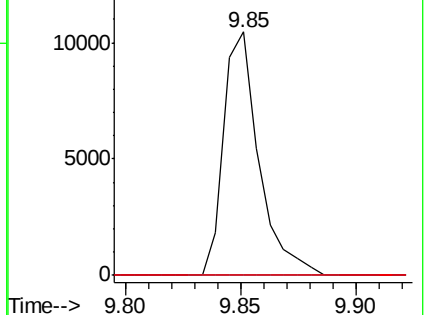
89 0.0 36.9 55.3#



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: 5.781 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Tgt Ion:165 Resp: 11101

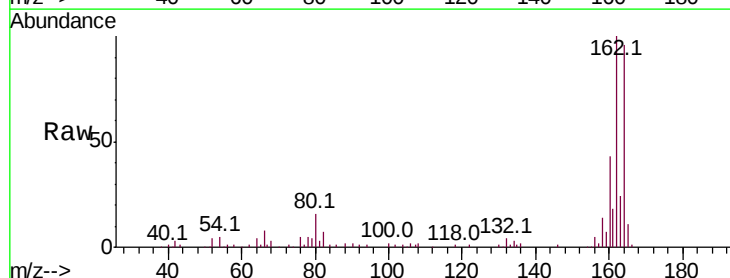
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

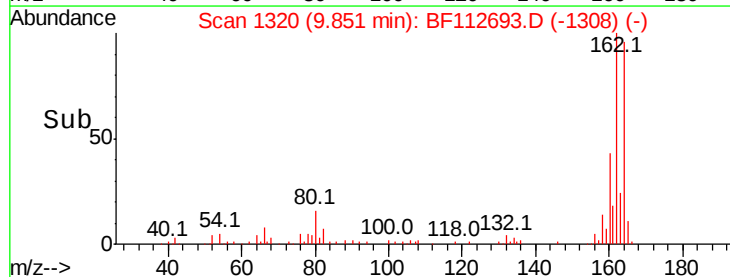
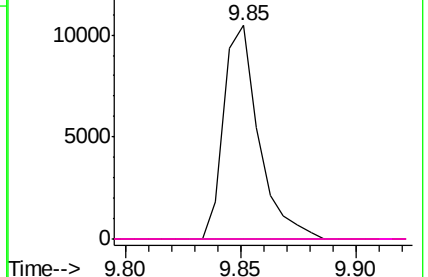


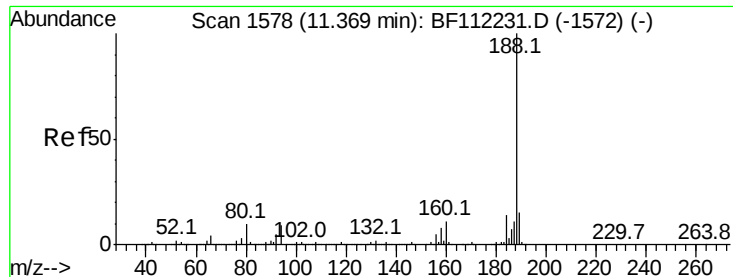
Abundance Ion 165.00 (164.70 to 165.70): E

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

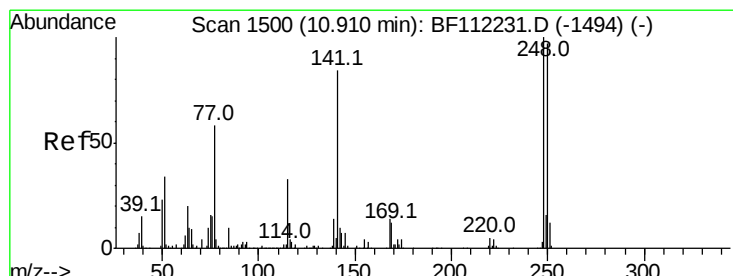
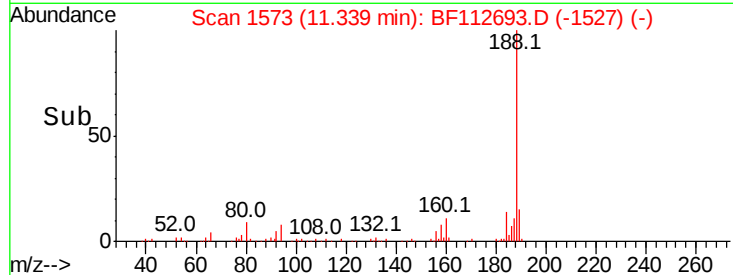
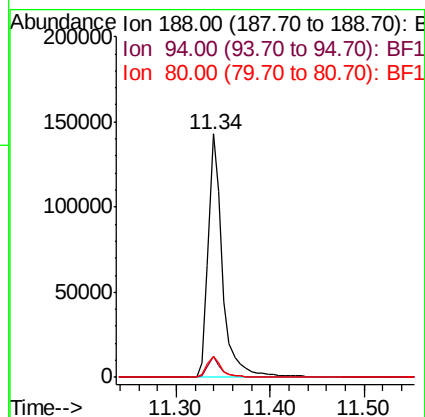
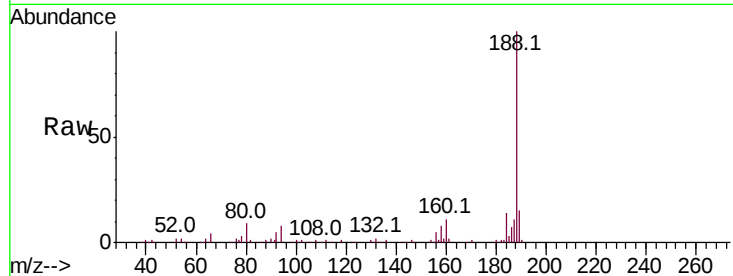




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

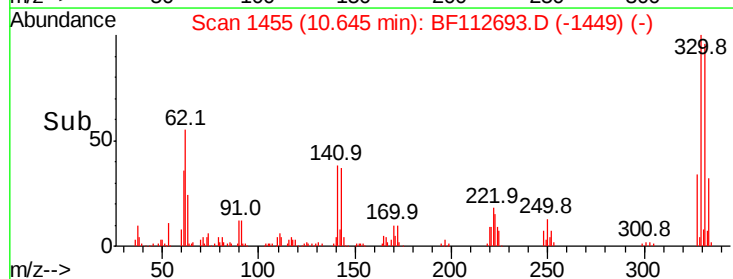
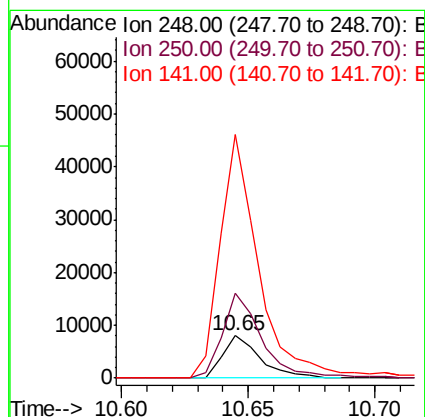
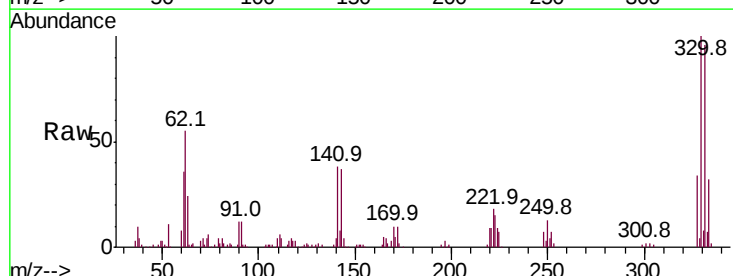
Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

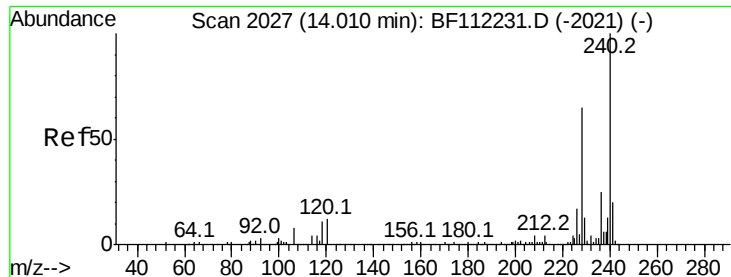
Tot Ion:188 Resp: 153631
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.2 12.2
 80 8.7 8.9 13.3#



#67
 4-Bromophenyl-phenylether
 Concen: 4.545 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.26 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Tgt Ion:248 Resp: 8213
 Ion Ratio Lower Upper
 248 100
 250 201.1 79.7 119.5#
 141 573.1 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02

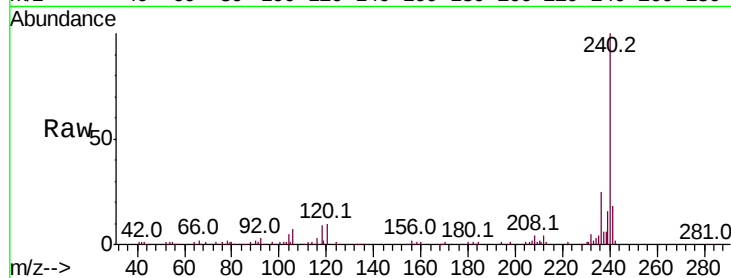
Tot Ion:240 Resp: 113768

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

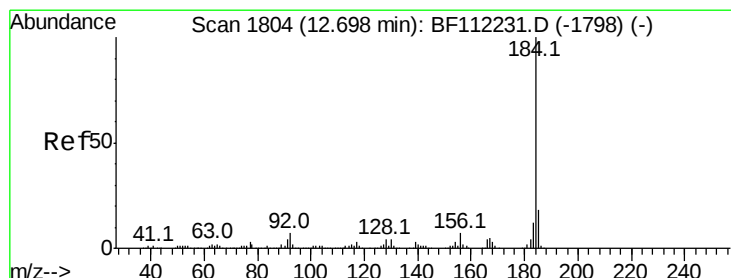
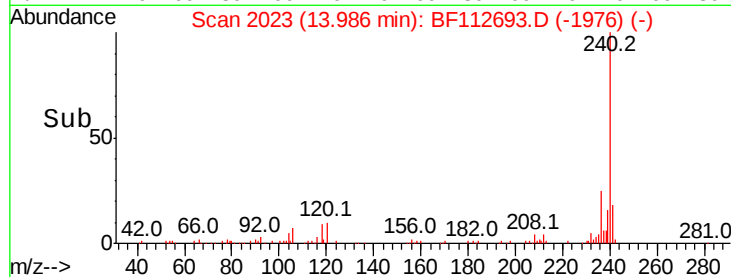
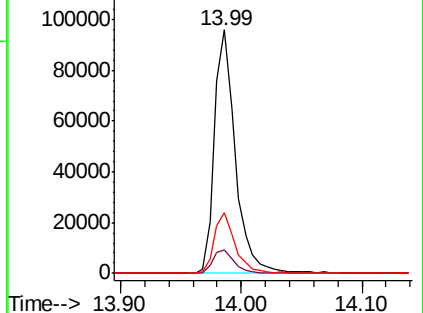
236 25.1 20.7 31.1



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: 2.791 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.21 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

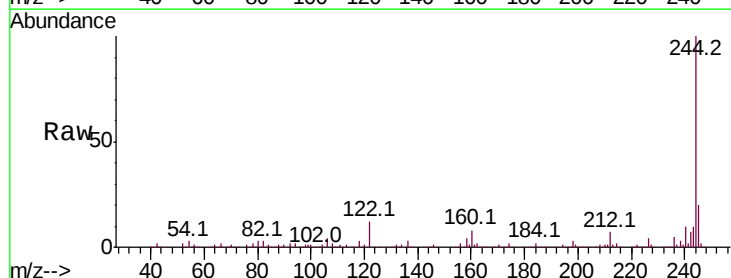
Tgt Ion:184 Resp: 8738

Ion Ratio Lower Upper

184 100

185 16.5 13.9 20.9

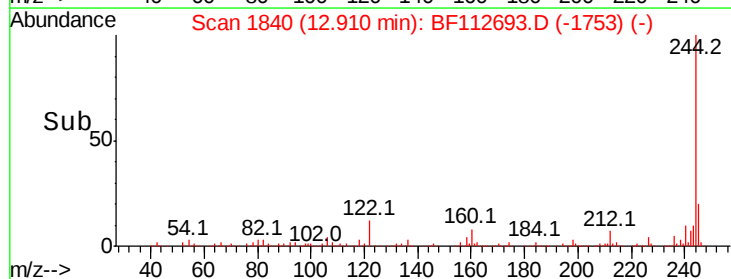
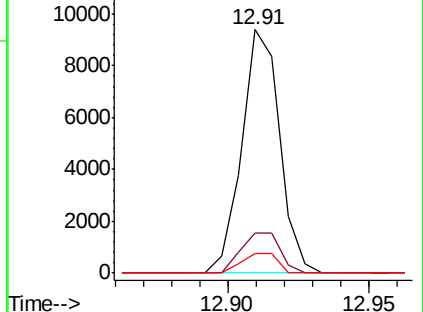
183 8.1 10.0 15.0#

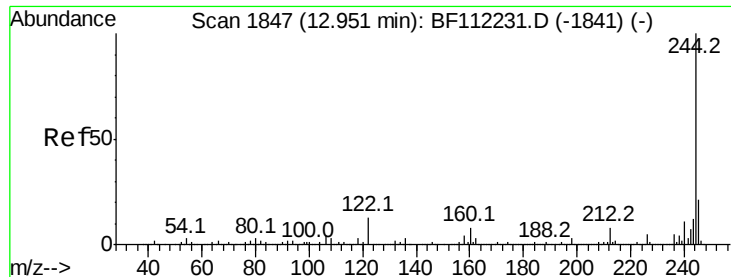


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

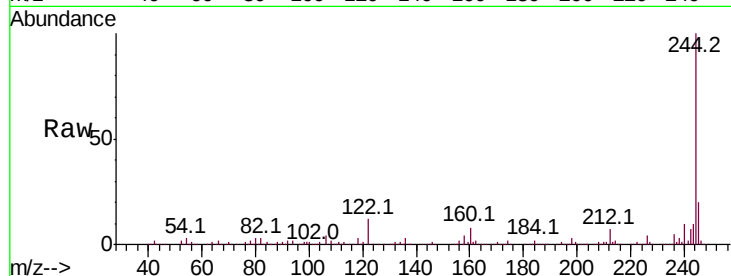




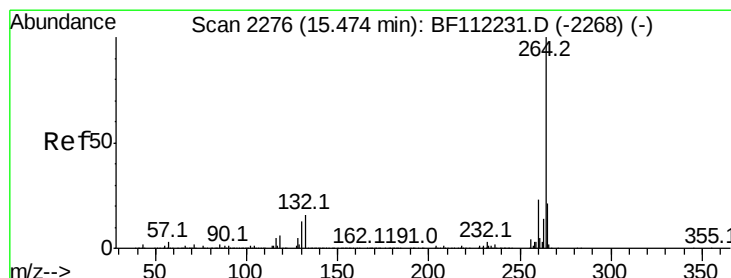
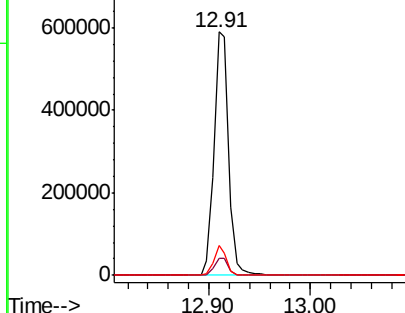
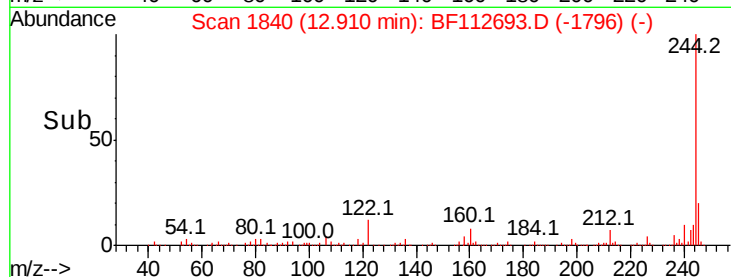
#79
 Terphenyl-d14
 Concen: 97.735 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Tot Ion:244 Resp: 590360
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.2 9.8 14.6

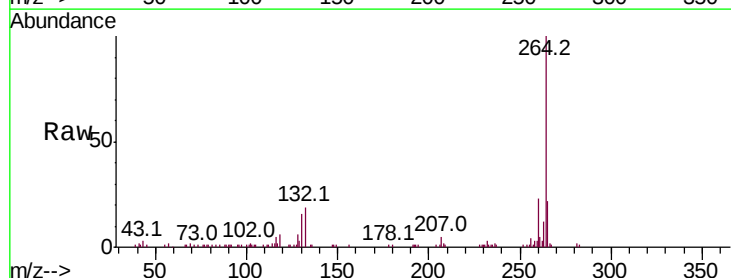


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Tgt Ion:264 Resp: 103580
 Ion Ratio Lower Upper
 264 100
 260 22.7 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

