

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112395.D
 Acq On : 5 Feb 2019 14:36
 Operator : JU/SJ
 Sample : PB116831BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 16:22:36 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

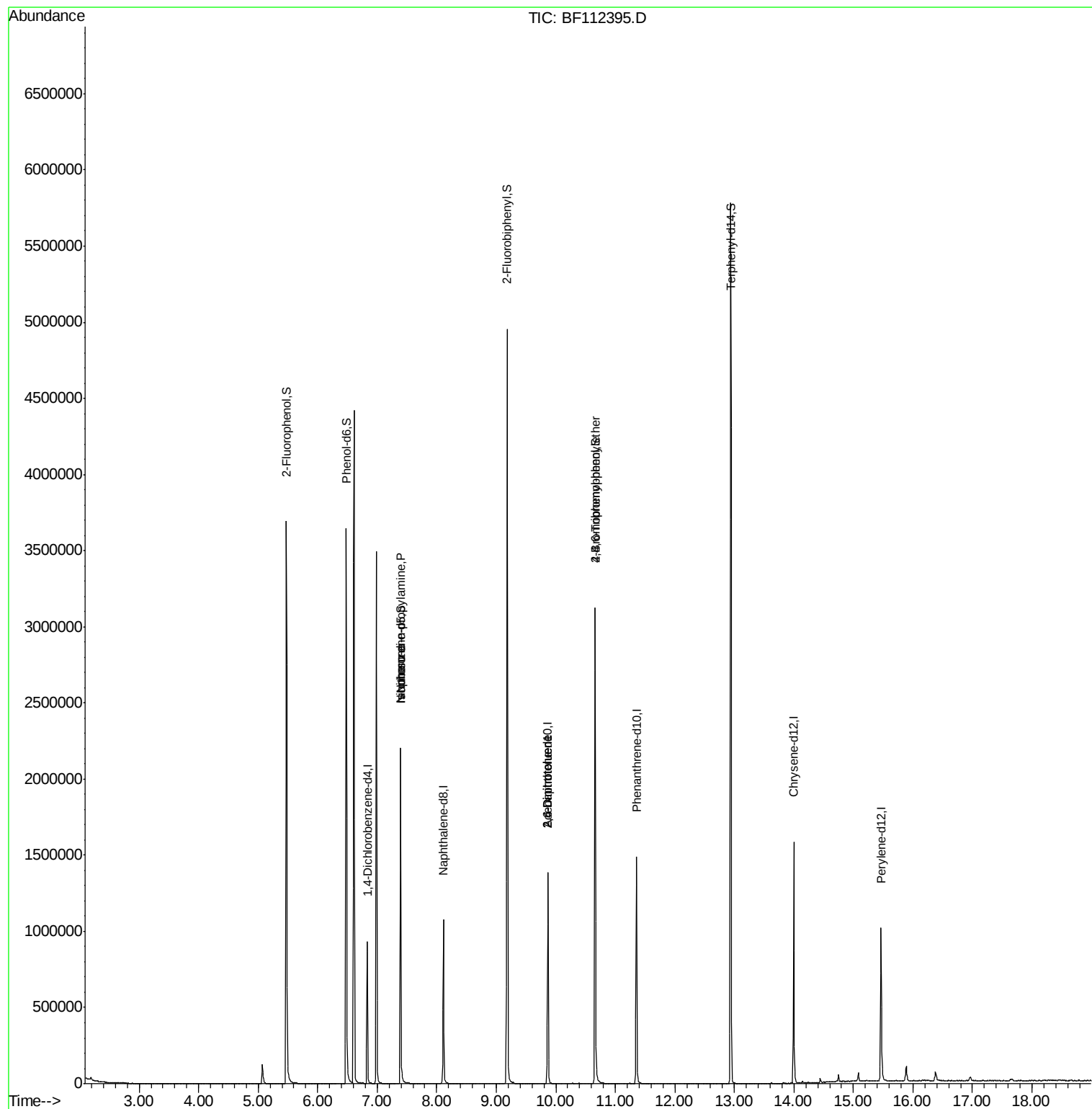
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	157150	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	604239	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	302356	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	626673	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	553642	20.00	ng	-0.01
87) Perylene-d12	15.46	264	480080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1060901	143.39	ng	0.00
7) Phenol-d6	6.48	99	1330026	129.37	ng	-0.01
23) Nitrobenzene-d5	7.39	82	848562	80.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	446270	126.81	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1777183	83.13	ng	-0.02
79) Terphenyl-d14	12.94	244	2080300	70.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	115634	16.312	ng	# 77
25) Isophorone	7.39	82	848641	51.585	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	38595	7.336	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	38595	5.762	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	26618	3.611	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112395.D
Acq On : 5 Feb 2019 14:36
Operator : JU/SJ
Sample : PB116831BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 05 16:22:36 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



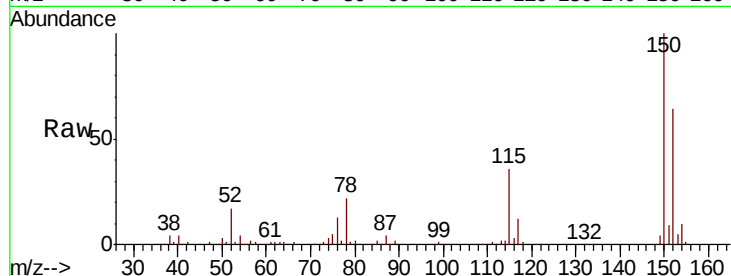


#1

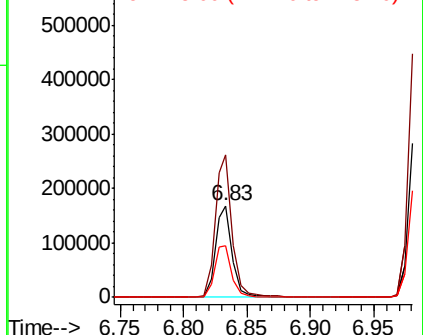
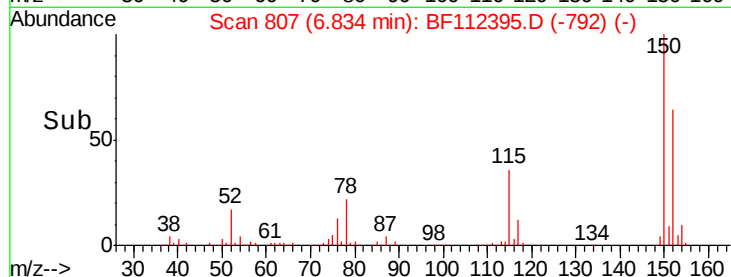
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 157150
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 56.6 45.5 68.3



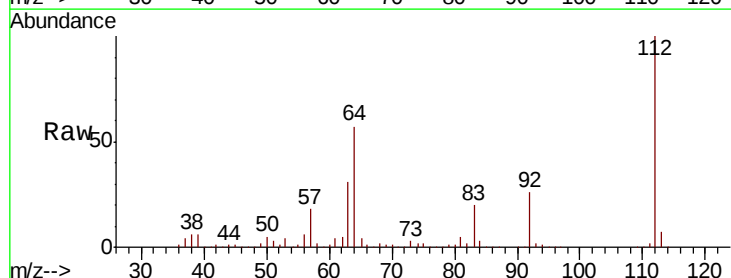
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



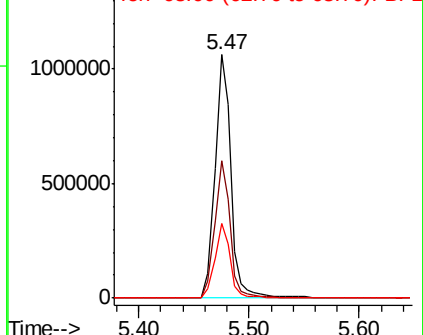
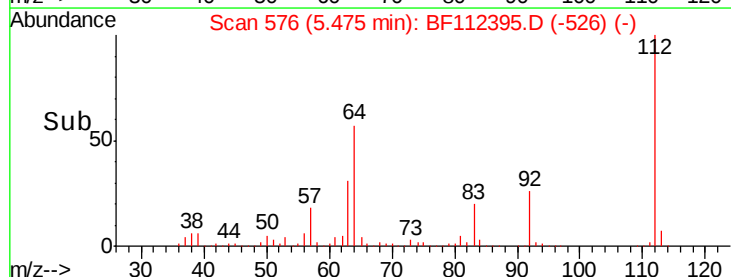
#5

2-Fluorophenol
Concen: 143.393 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Tgt Ion:112 Resp: 1060901
Ion Ratio Lower Upper
112 100
64 56.7 45.7 68.5
63 30.5 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: 129.372 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

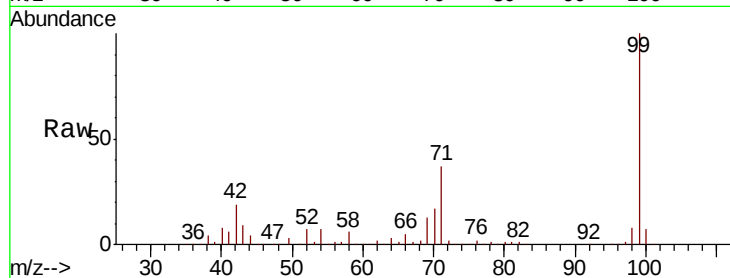
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1330026

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	36.9	26.9	40.3

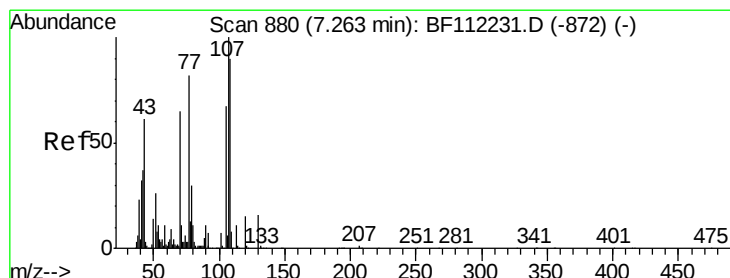
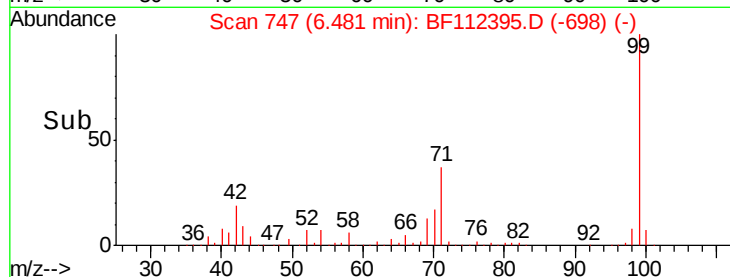
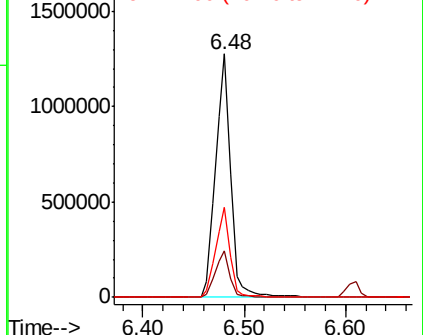


Abundance

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: 16.312 ng

RT: 7.39 min Scan# 902

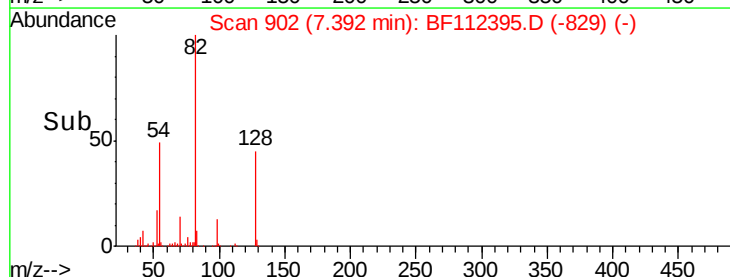
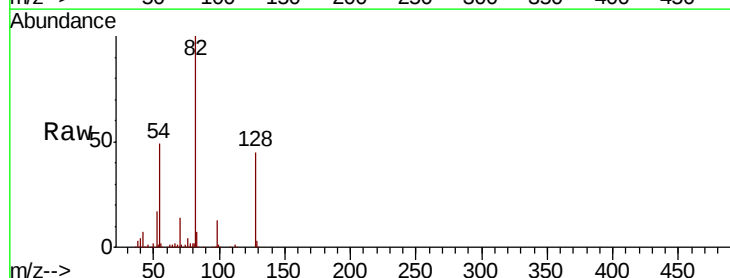
Delta R.T. 0.13 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Tgt Ion: 70 Resp: 115634

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#



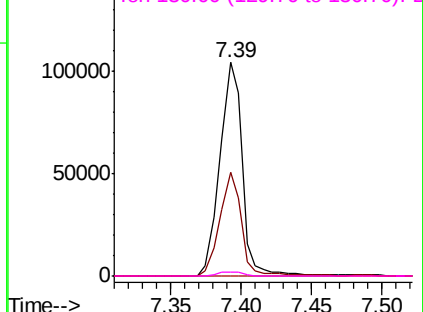
Abundance

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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 604239

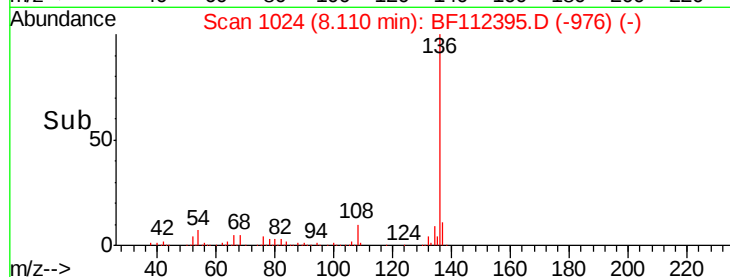
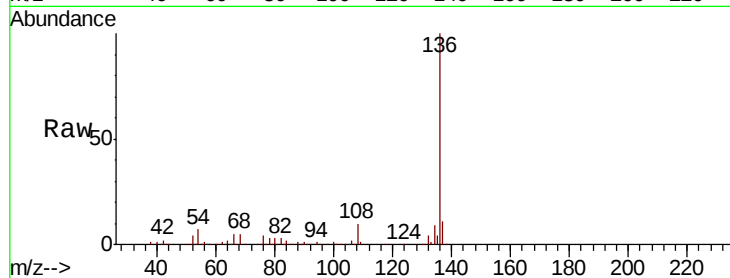
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.6 5.9 8.9

68 5.0 5.1 7.7#



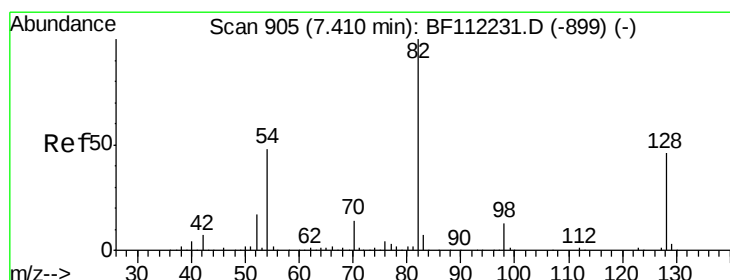
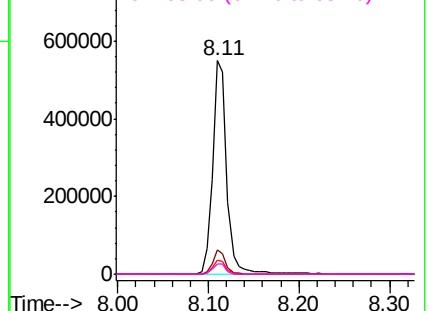
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 80.918 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

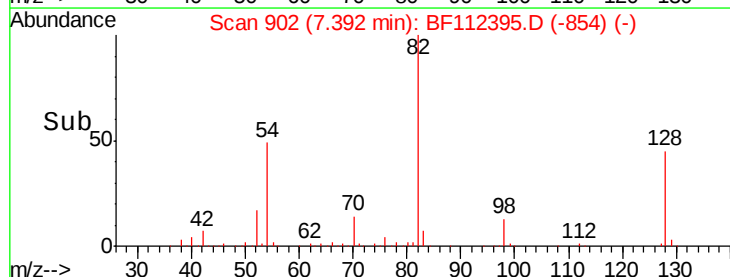
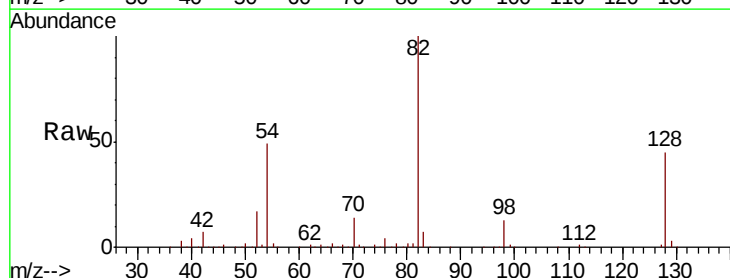
Tgt Ion: 82 Resp: 848562

Ion Ratio Lower Upper

82 100

128 45.3 37.8 56.8

54 48.9 39.7 59.5

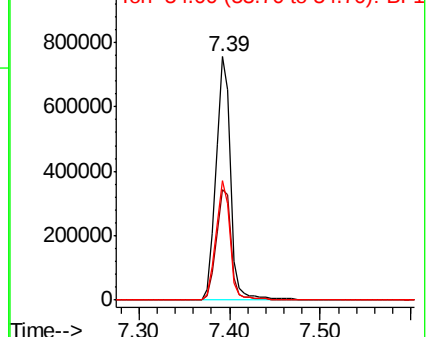


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.585 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Instrument :

BNA_F

ClientSampled :

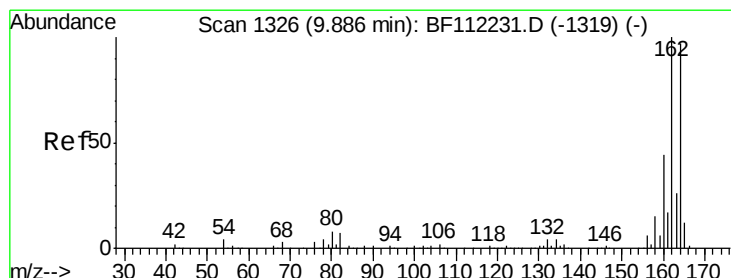
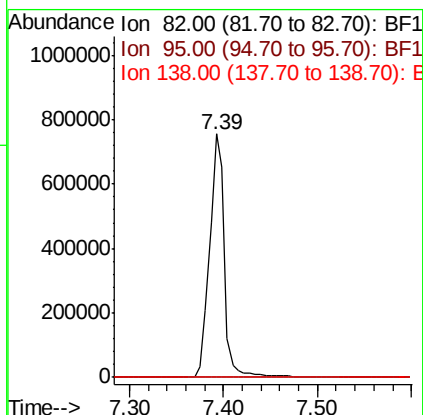
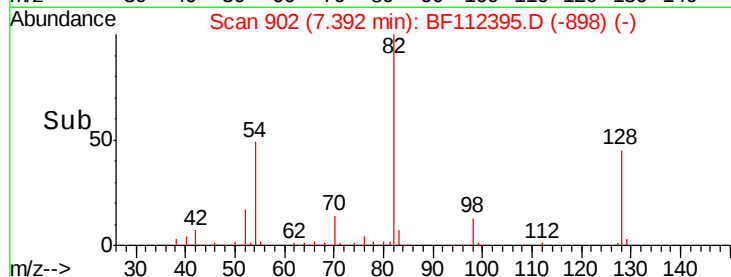
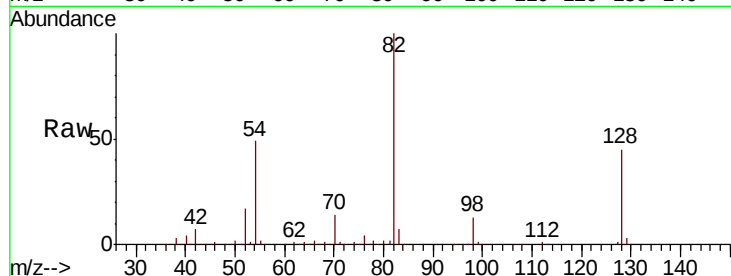
Tot Ion: 82 Resp: 848641

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

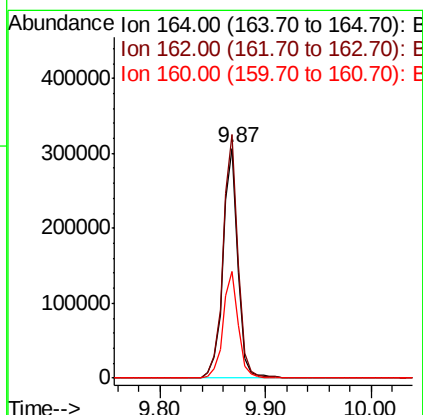
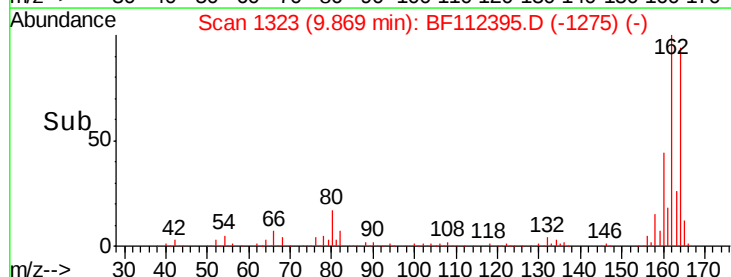
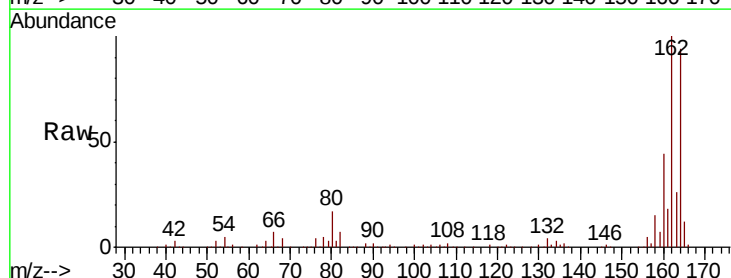
Tgt Ion: 164 Resp: 302356

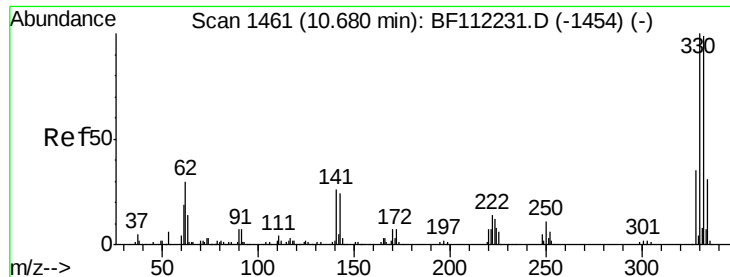
Ion Ratio Lower Upper

164 100

162 105.9 82.2 123.4

160 46.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 126.805 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Instrument :

BNA_F

ClientSampleId :

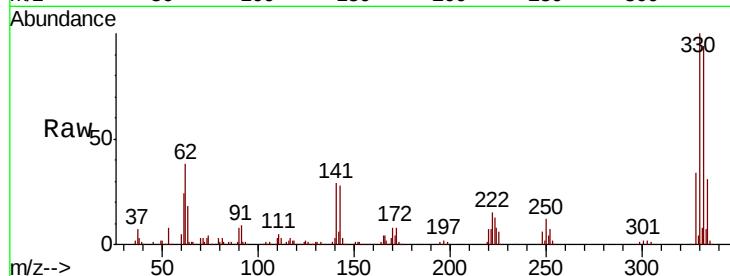
Tot Ion:330 Resp: 446270

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

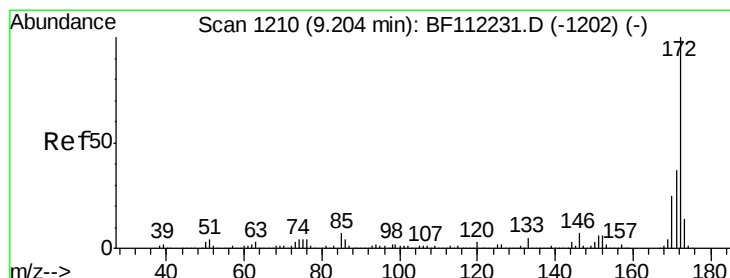
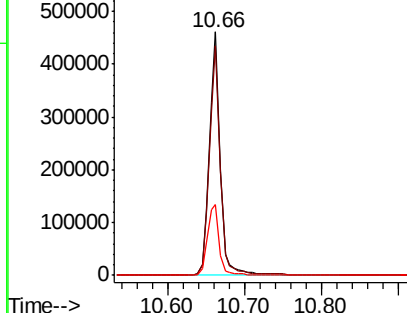
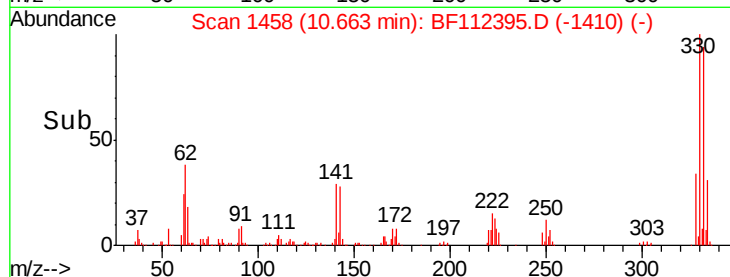
141 32.0 24.3 36.5



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: 83.132 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

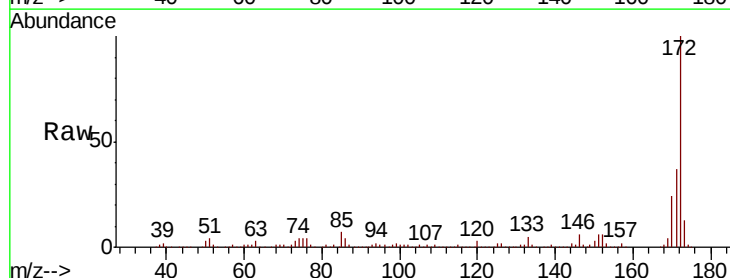
Tgt Ion:172 Resp: 1777183

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

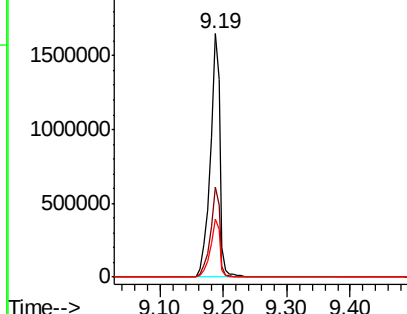
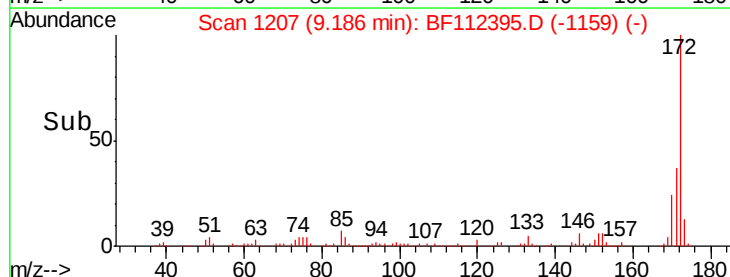
170 24.1 20.2 30.4

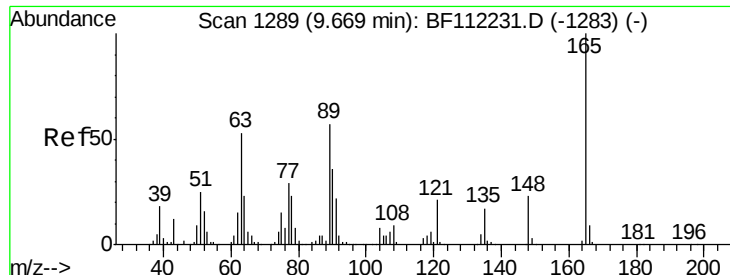


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.336 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Instrument :

BNA_F

ClientSampled :

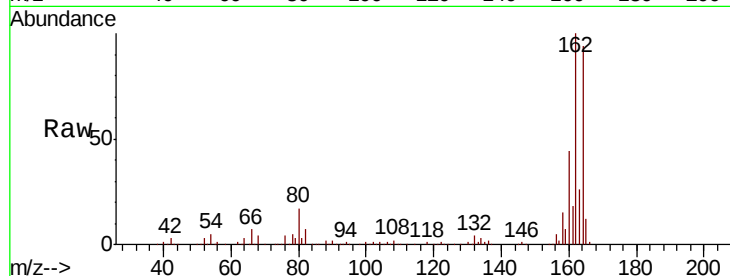
Tot Ion:165 Resp: 38595

Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.8#

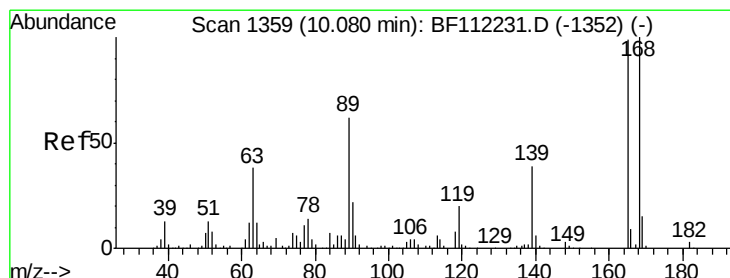
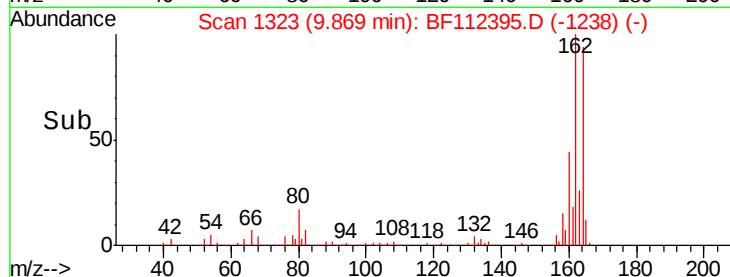
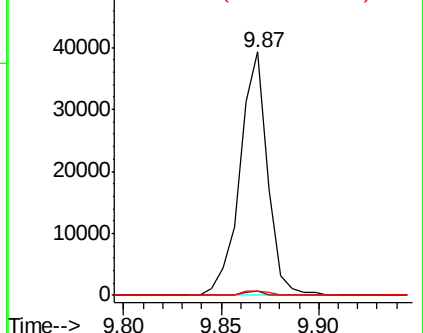
89 1.7 36.9 55.3#



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: 5.762 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Tgt Ion:165 Resp: 38595

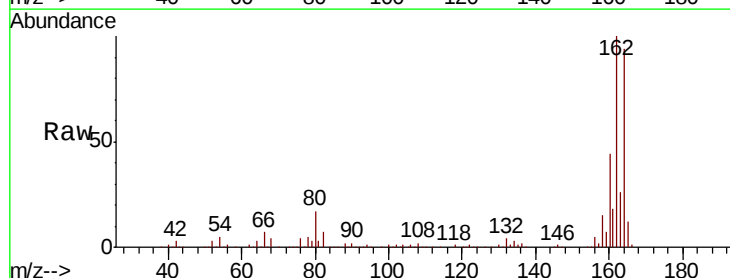
Ion Ratio Lower Upper

165 100

63 1.5 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

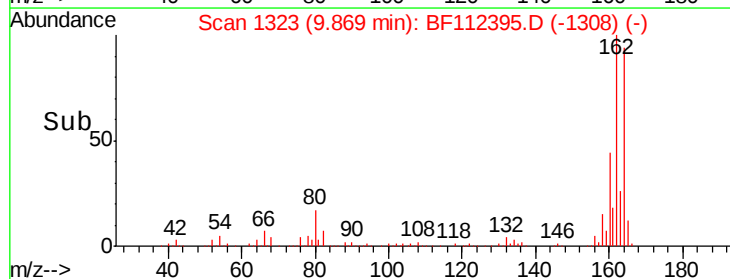
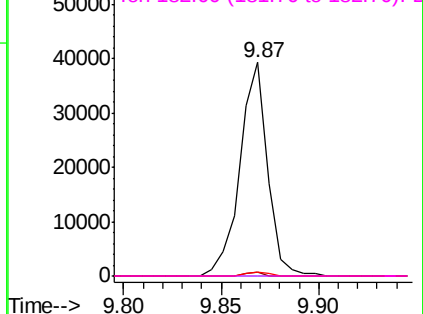


Abundance Ion 165.00 (164.70 to 165.70): E

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

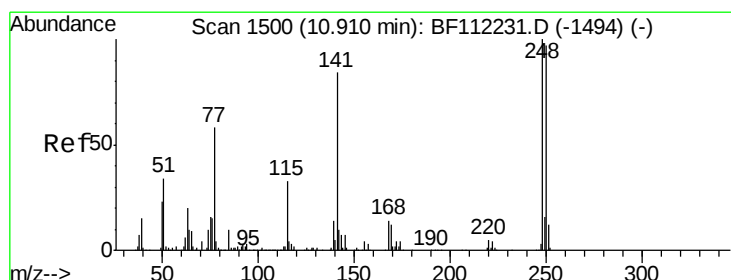
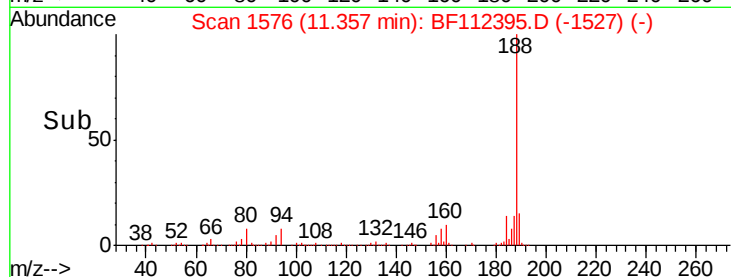
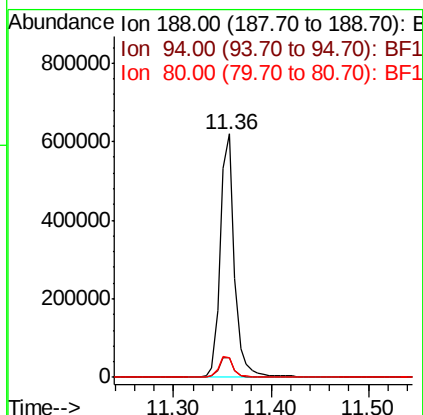
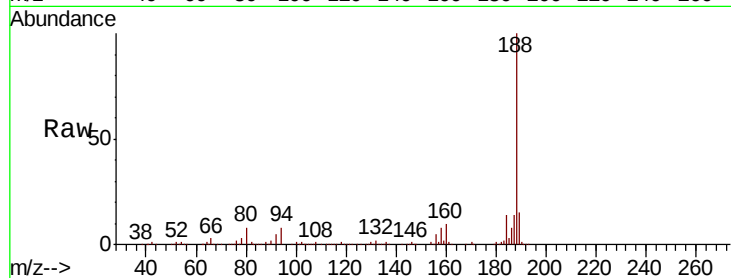




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

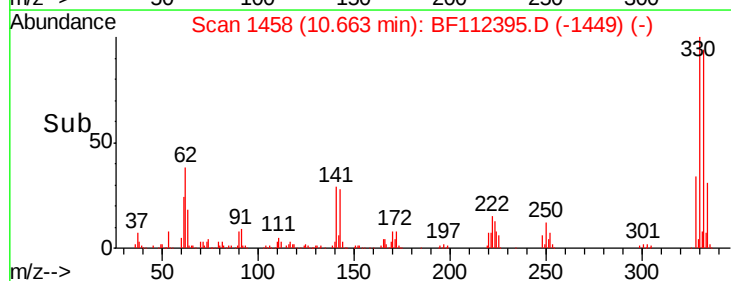
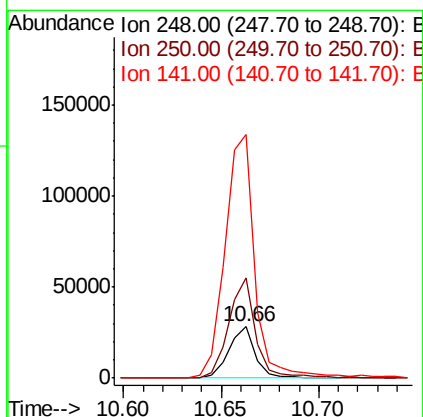
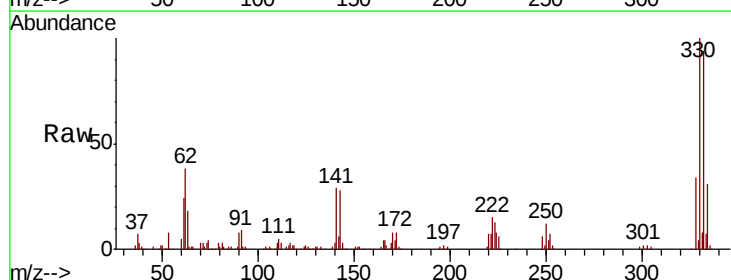
Instrument :
BNA_F
ClientSampleId :

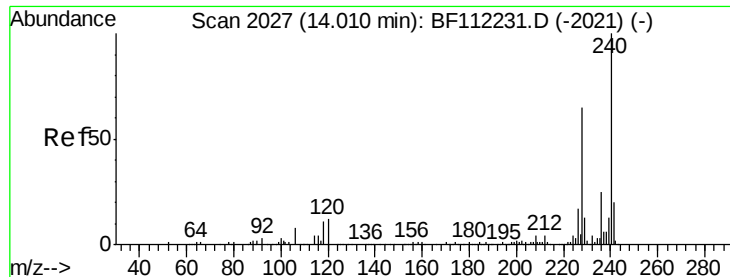
Tot Ion:188 Resp: 626673
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.1 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Tgt Ion:248 Resp: 26618
Ion Ratio Lower Upper
248 100
250 195.6 79.7 119.5#
141 475.7 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Instrument :

BNA_F

ClientSampleId :

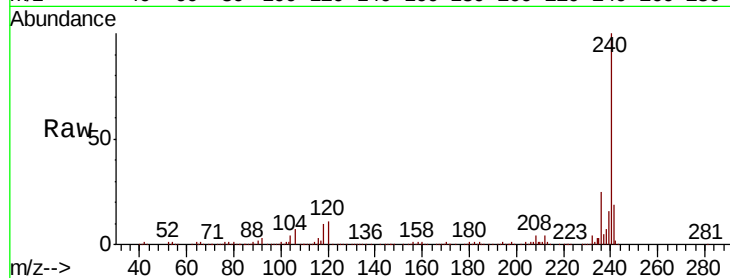
Tot Ion:240 Resp: 553642

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

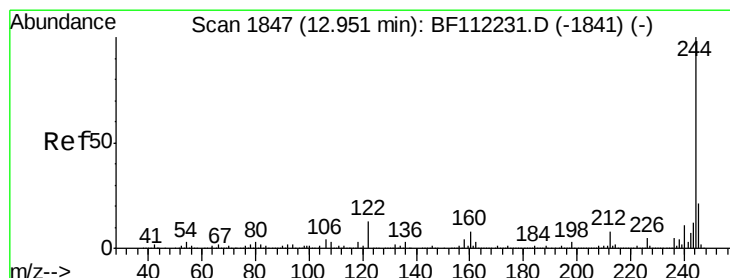
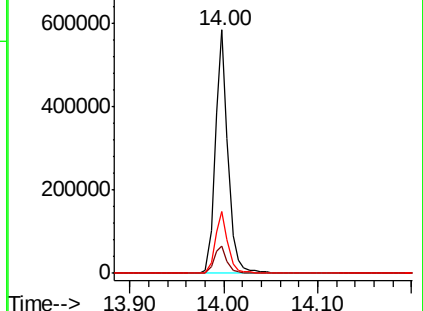
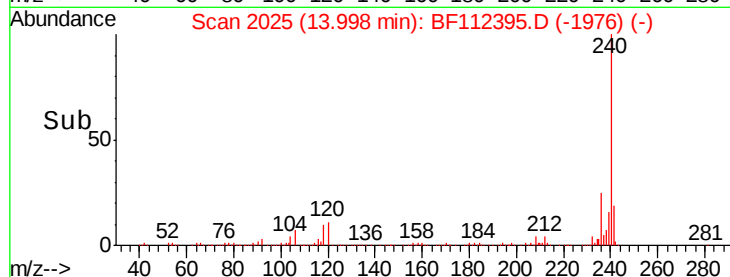
236 25.3 20.7 31.1



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



#79

Terphenyl-d14

Concen: 70.770 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

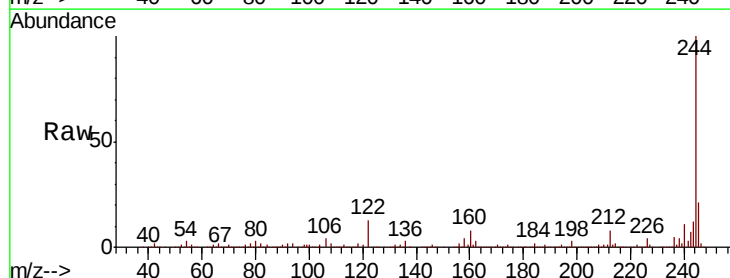
Tgt Ion:244 Resp: 2080300

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

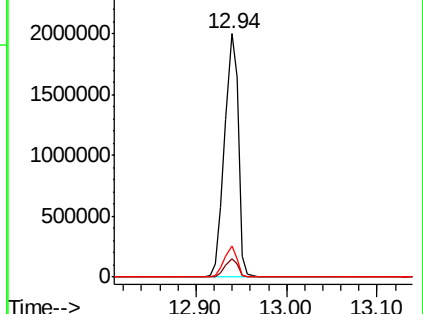
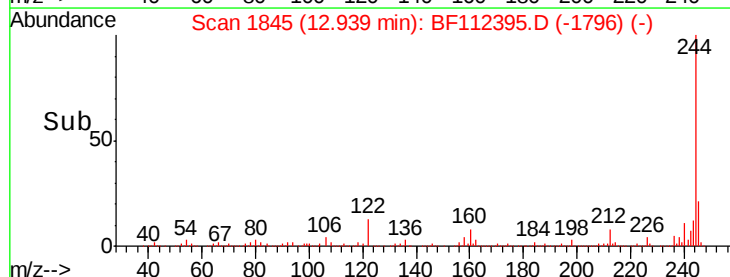
122 12.6 9.8 14.6

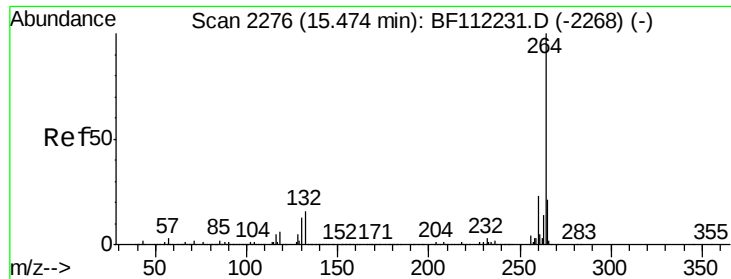


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2274
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.5	17.0	25.4

