

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127659.D
 Acq On : 06 Apr 2022 20:37
 Operator : CG\JU
 Sample : N2254-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-1

Quant Time: Apr 07 02:39:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

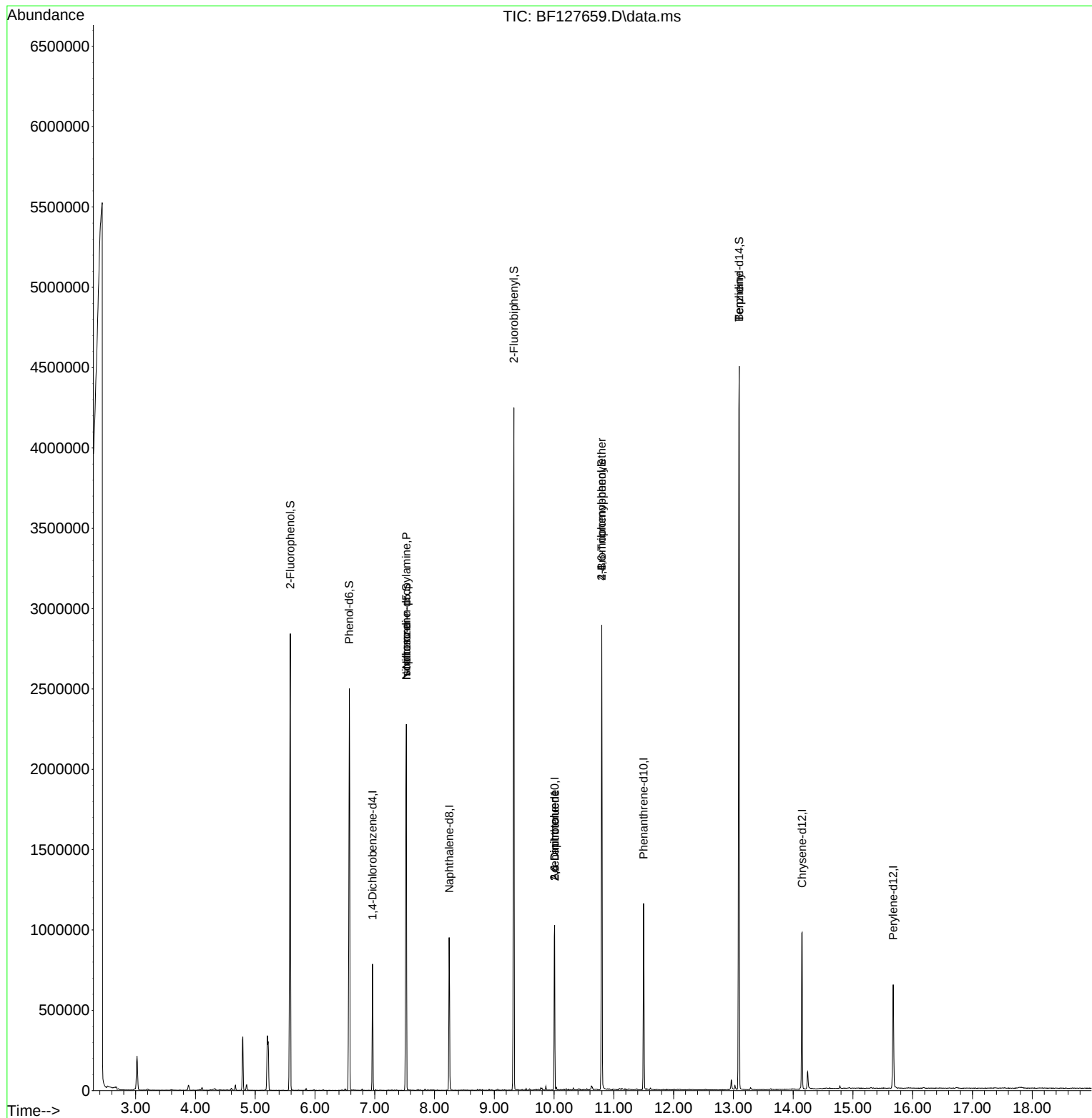
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	98492	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	363550	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	207895	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	395790	20.000	ng	0.00
76) Chrysene-d12	14.151	240	365063	20.000	ng	0.00
86) Perylene-d12	15.674	264	297822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	738848	121.894	ng	0.00
7) Phenol-d6	6.575	99	854371	107.744	ng	0.00
23) Nitrobenzene-d5	7.528	82	749062	91.856	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	311214	140.674	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1292635	87.960	ng	0.00
79) Terphenyl-d14	13.098	244	1718531	77.702	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	279	Below Cal		83
19) n-Nitroso-di-n-propyla...	7.528	70	102209	19.929	ng	# 77
25) Isophorone	7.528	82	749051	52.641	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	27512	9.686	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	27512	7.812	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	21126	4.398	ng	# 1
77) Benzydine	13.098	184	25663	2.693	ng	# 94

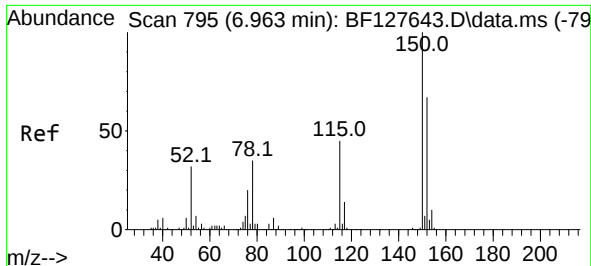
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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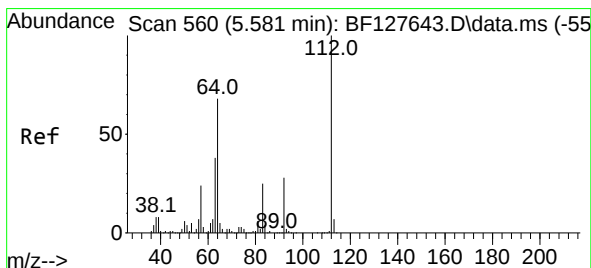
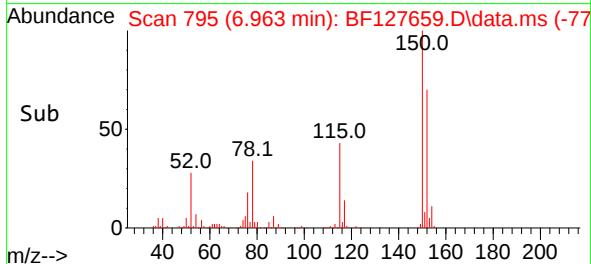
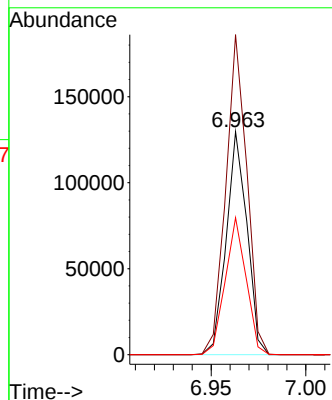
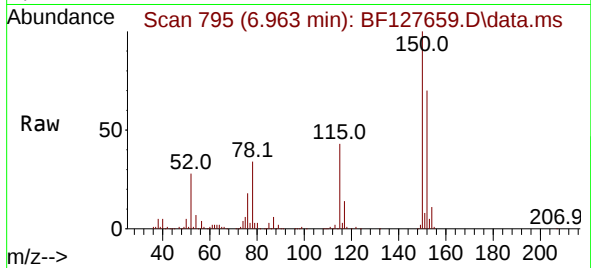




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF127659.D
 Acq: 06 Apr 2022 20:37

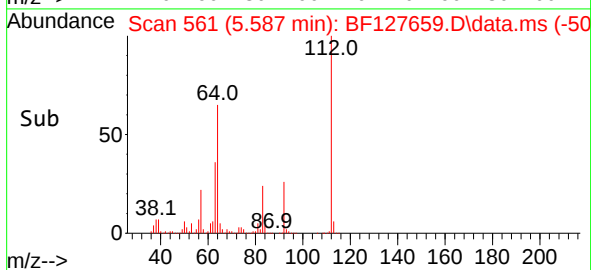
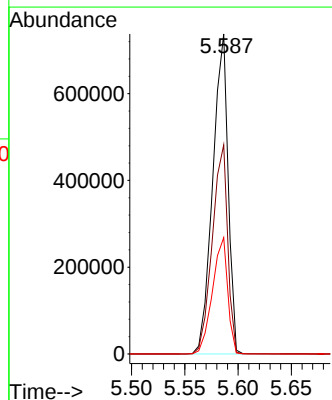
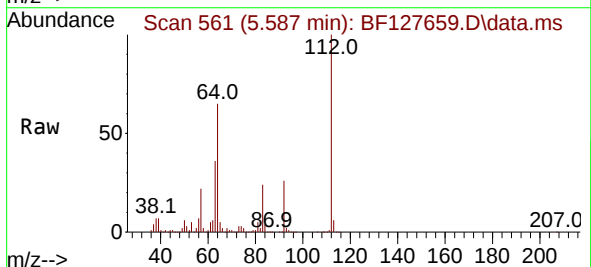
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-1

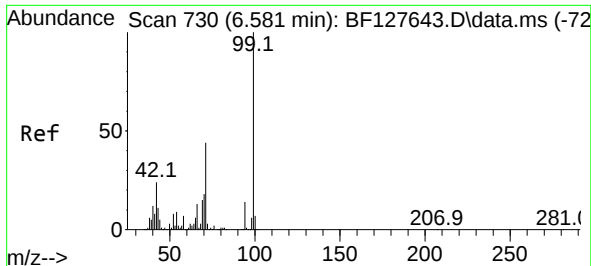
Tgt Ion:152 Resp: 98492
 Ion Ratio Lower Upper
 152 100
 150 143.5 117.2 175.8
 115 61.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 121.894 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF127659.D
 Acq: 06 Apr 2022 20:37

Tgt Ion:112 Resp: 738848
 Ion Ratio Lower Upper
 112 100
 64 65.4 58.4 87.6
 63 36.3 30.1 45.1

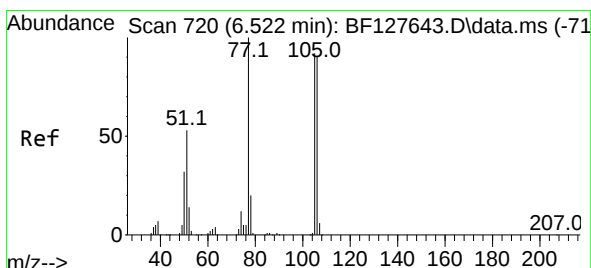
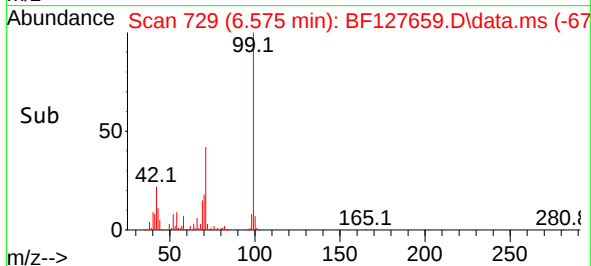
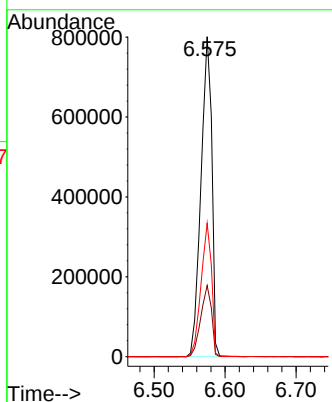
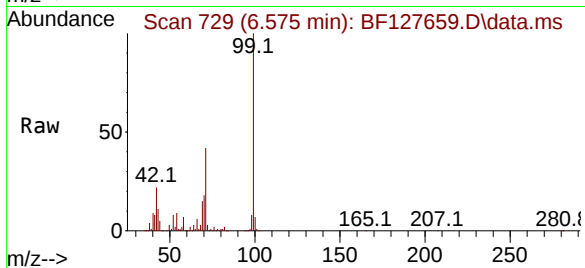




#7
Phenol-d6
Concen: 107.744 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

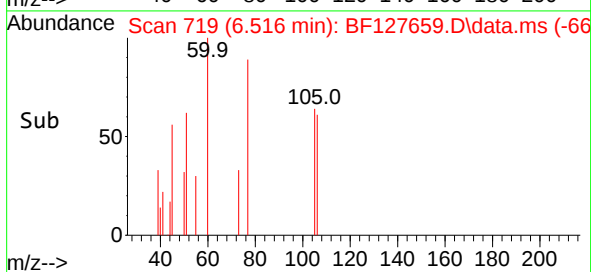
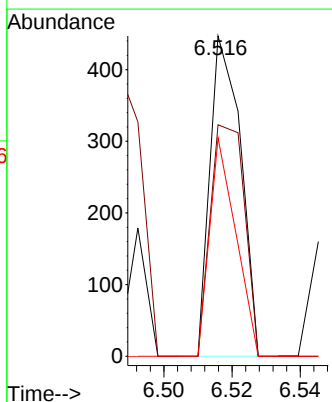
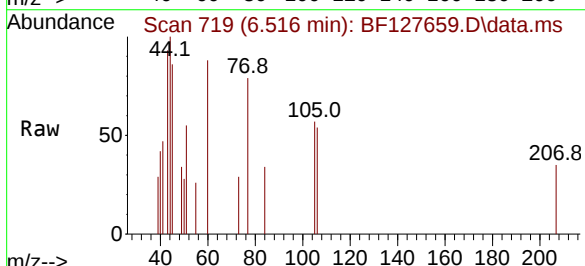
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-1

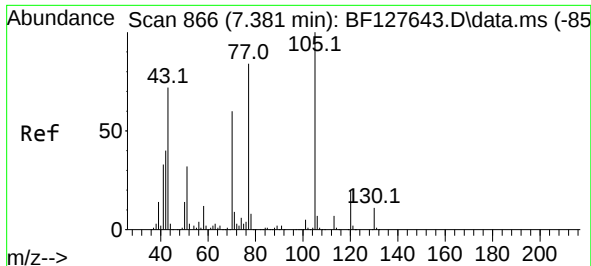
Tgt Ion: 99 Resp: 854371
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 41.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

Tgt Ion: 77 Resp: 279
Ion Ratio Lower Upper
77 100
105 72.3 66.8 106.8
106 68.2 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 19.929 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127659.D

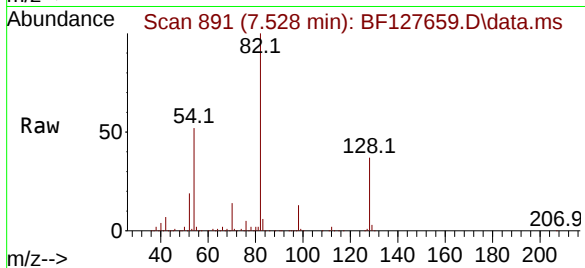
Acq: 06 Apr 2022 20:37

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-1



Tgt Ion: 70 Resp: 102209

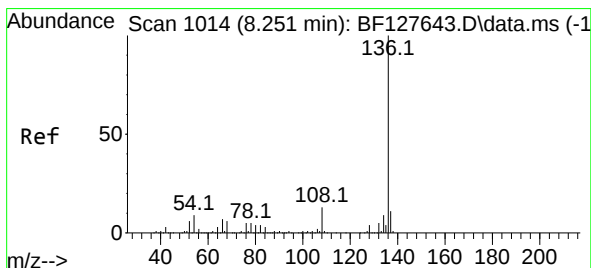
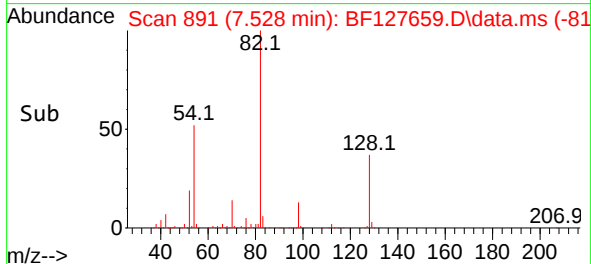
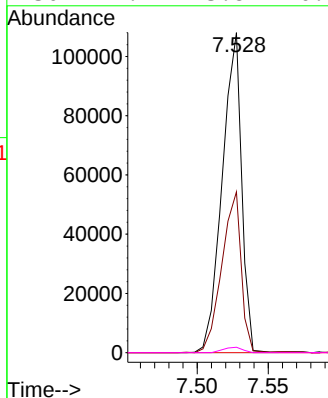
Ion Ratio Lower Upper

70 100

42 50.2 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

Tgt Ion: 136 Resp: 363550

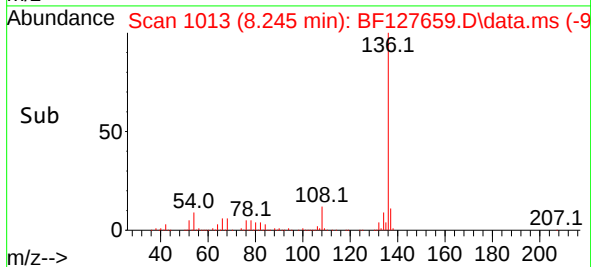
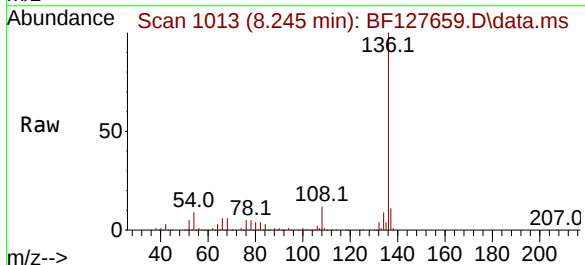
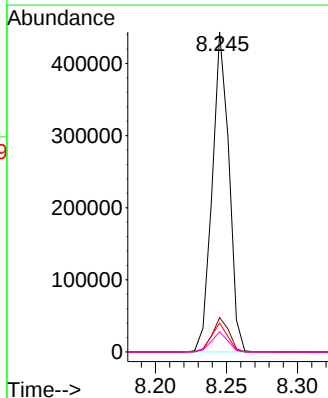
Ion Ratio Lower Upper

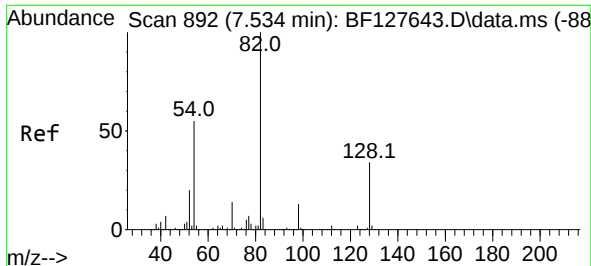
136 100

137 10.8 8.6 13.0

54 9.1 9.2 13.8#

68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 91.856 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-1

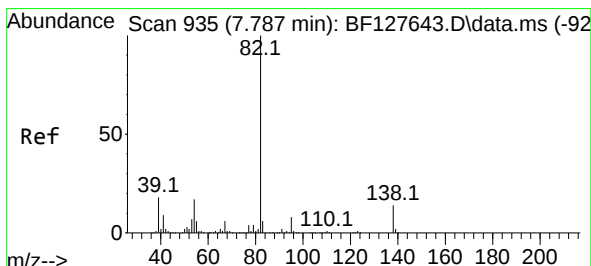
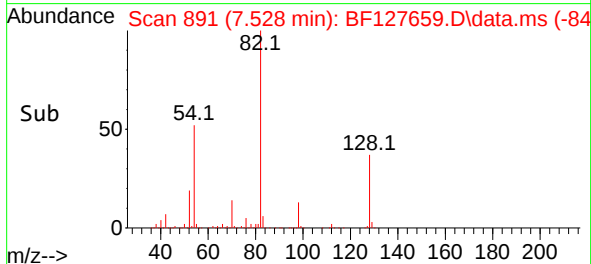
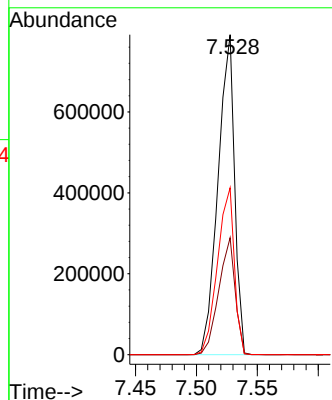
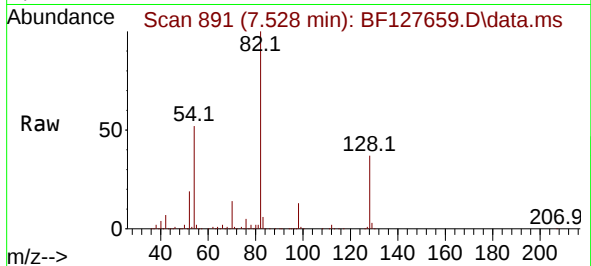
Tgt Ion: 82 Resp: 749062

Ion Ratio Lower Upper

82 100

128 36.5 30.6 45.8

54 52.2 48.2 72.2



#25

Isophorone

Concen: 52.641 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

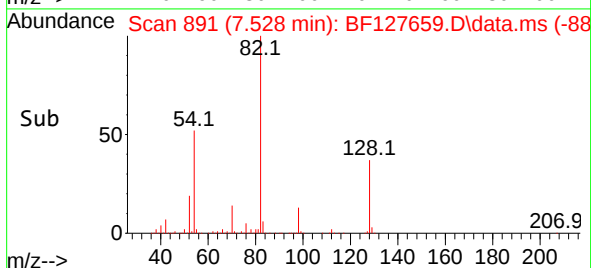
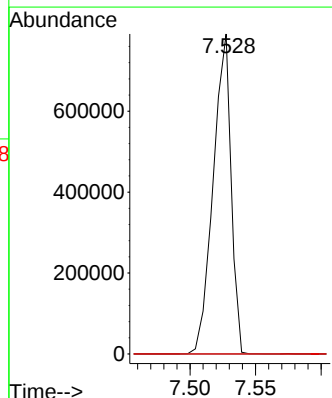
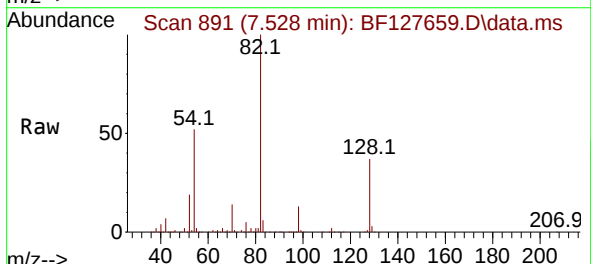
Tgt Ion: 82 Resp: 749051

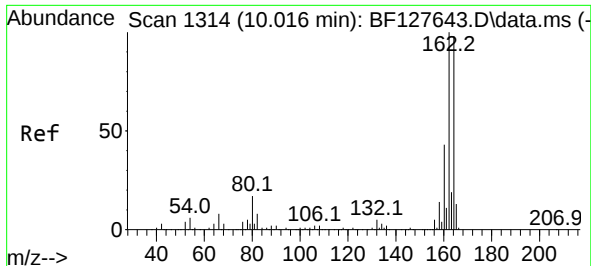
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-1

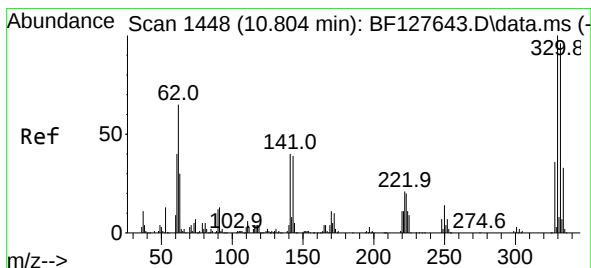
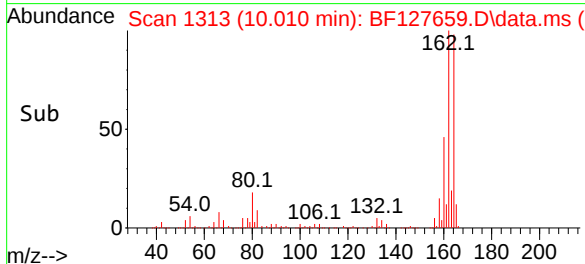
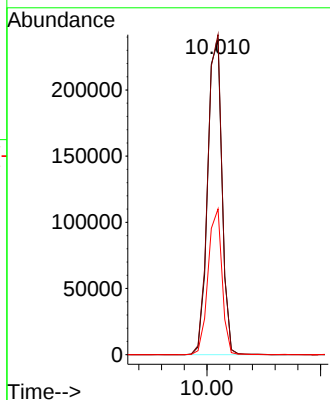
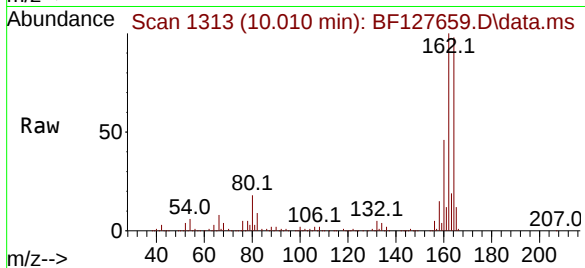
Tgt Ion:164 Resp: 207895

Ion Ratio Lower Upper

164 100

162 101.7 81.2 121.8

160 46.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 140.674 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

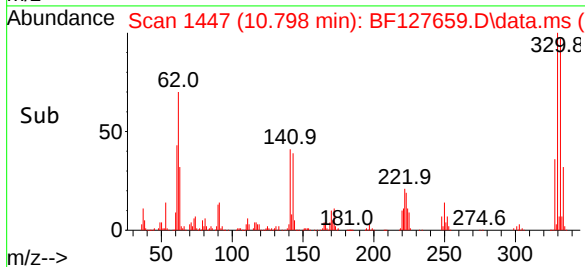
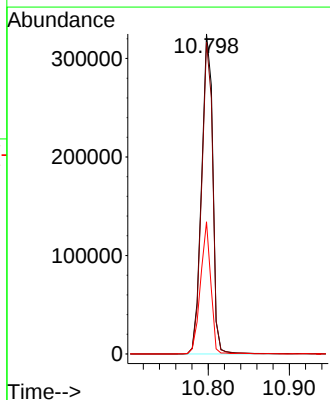
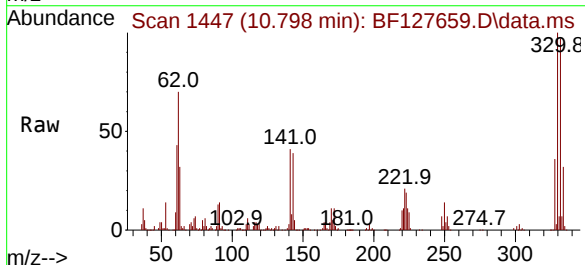
Tgt Ion:330 Resp: 311214

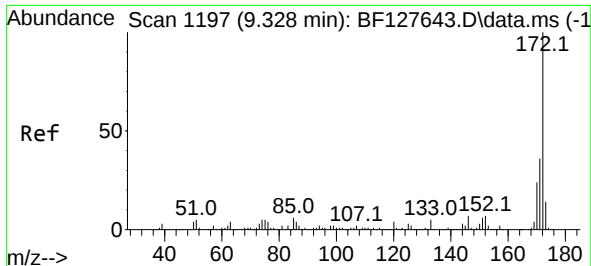
Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

141 37.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 87.960 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-1

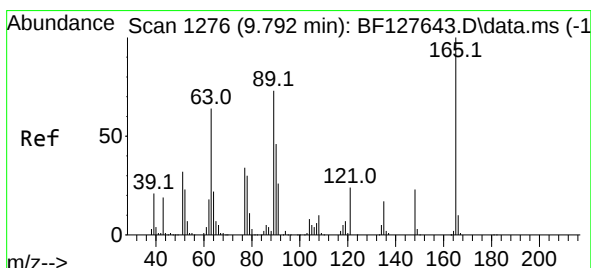
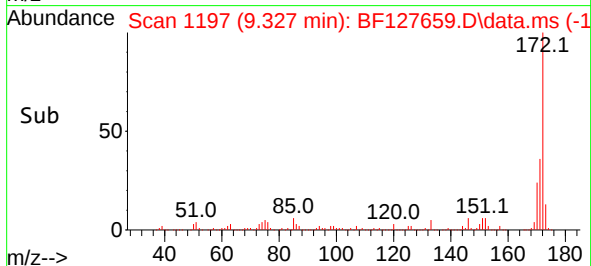
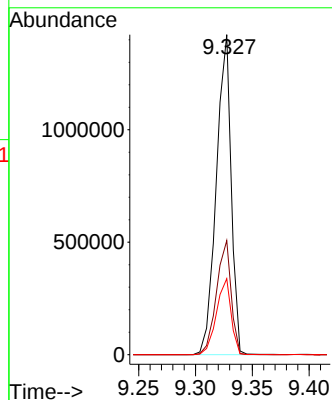
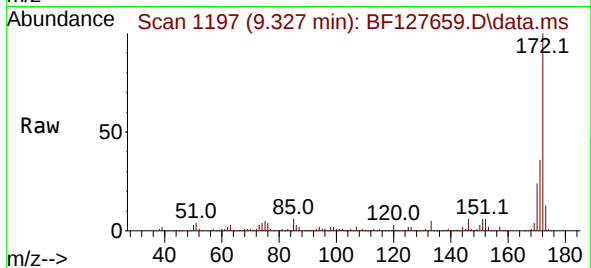
Tgt Ion:172 Resp: 1292635

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.686 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.217 min

Lab File: BF127659.D

Acq: 06 Apr 2022 20:37

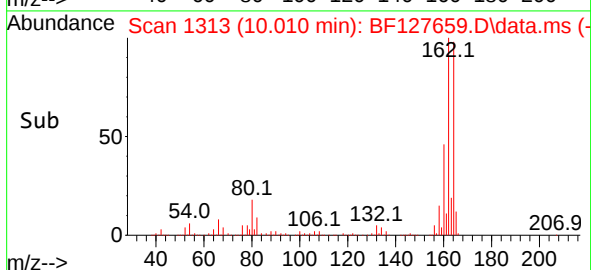
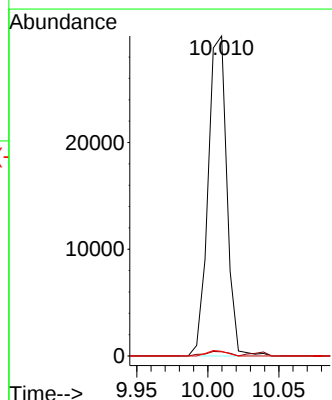
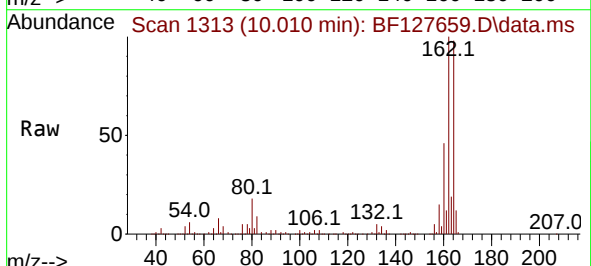
Tgt Ion:165 Resp: 27512

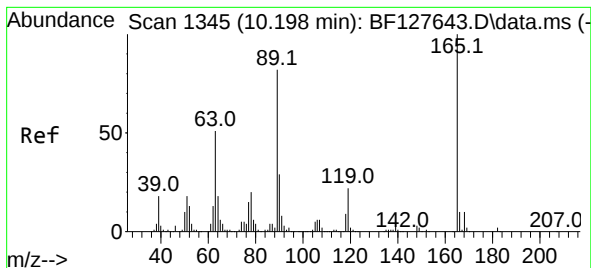
Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.5 51.5 77.3#

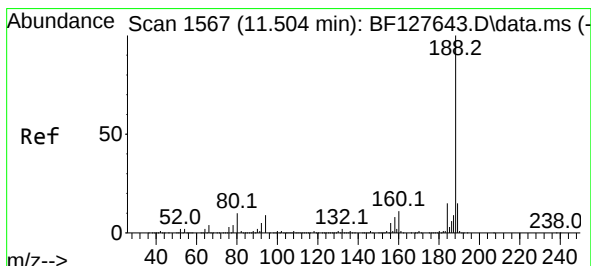
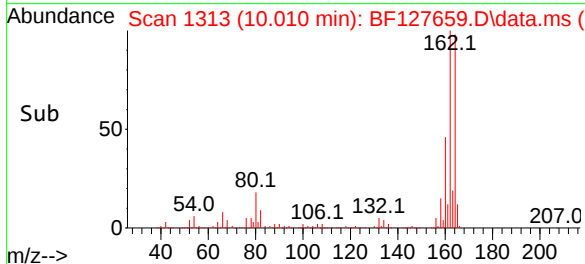
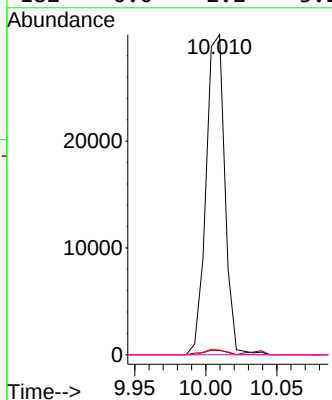
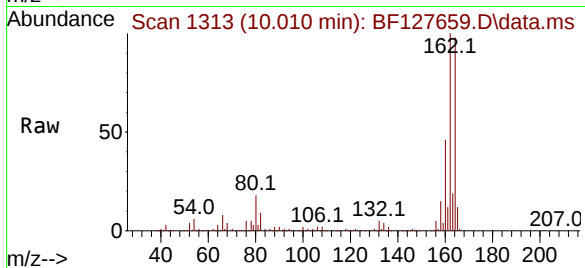




#57
2,4-Dinitrotoluene
Concen: 7.812 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

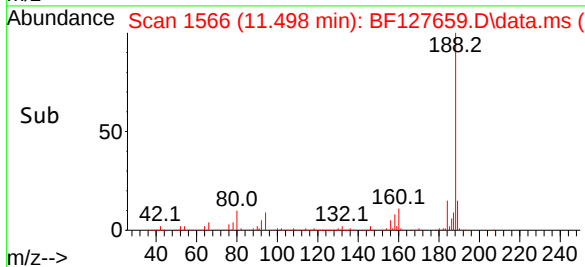
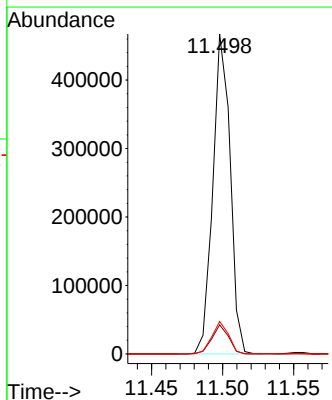
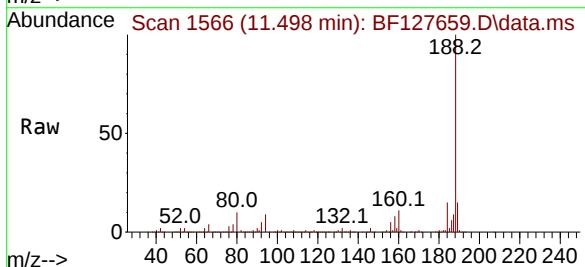
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-1

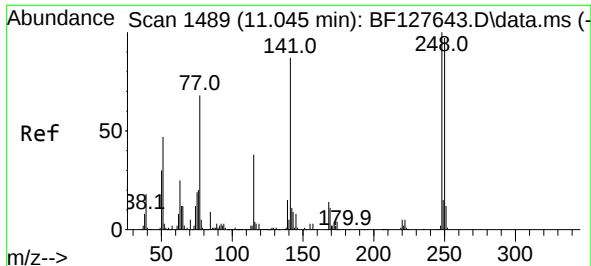
Tgt Ion:165 Resp: 27512
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

Tgt Ion:188 Resp: 395790
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.2 8.0 12.0

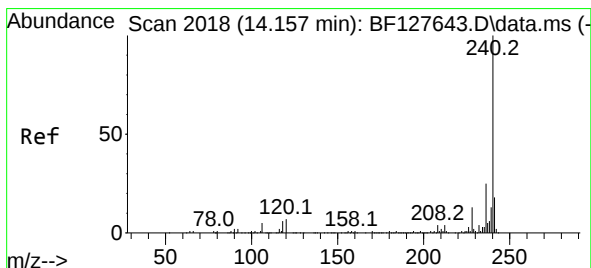
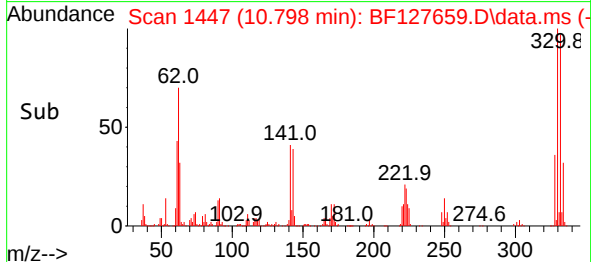
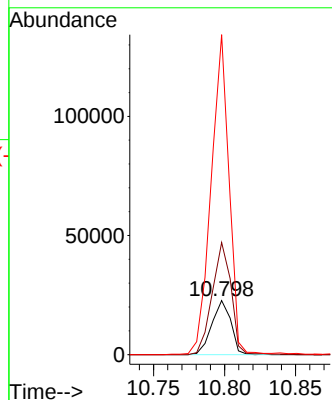
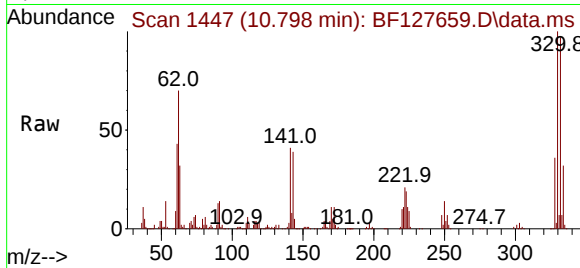




#67
4-Bromophenyl-phenylether
Concen: 4.398 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

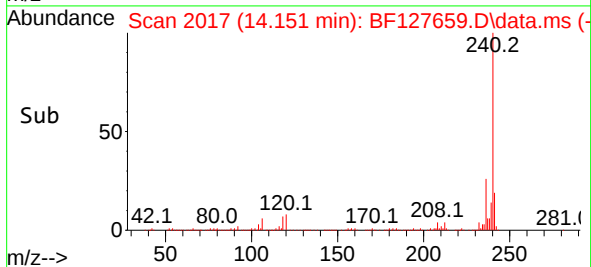
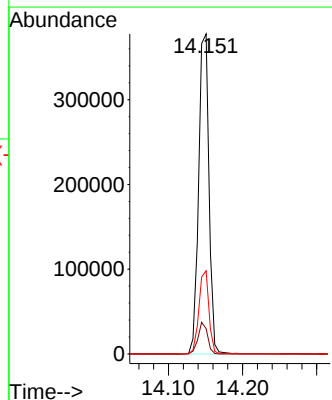
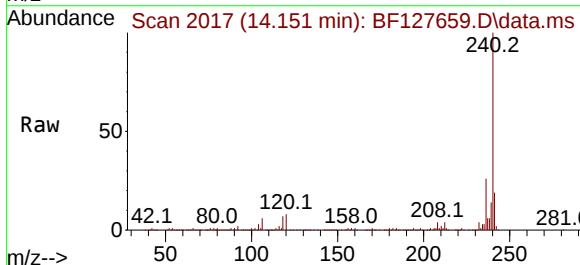
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-1

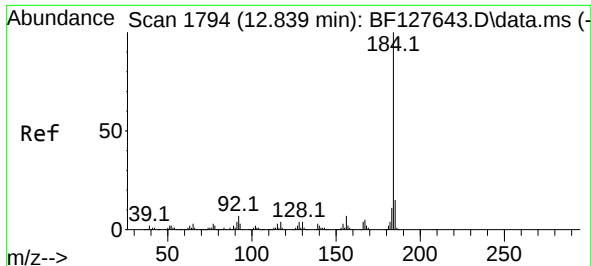
Tgt Ion:248 Resp: 21126
Ion Ratio Lower Upper
248 100
250 207.6 76.6 115.0#
141 592.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

Tgt Ion:240 Resp: 365063
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 26.0 20.7 31.1

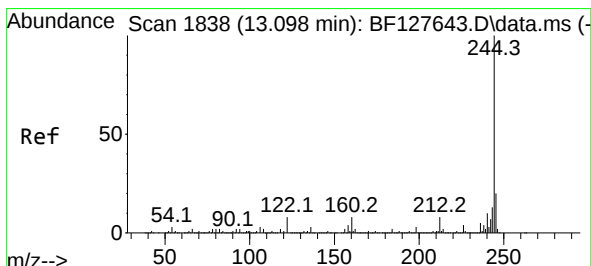
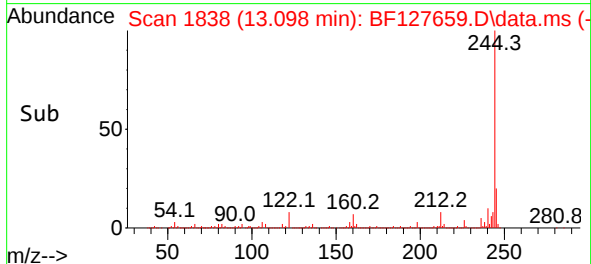
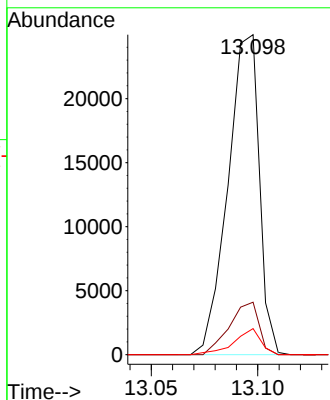
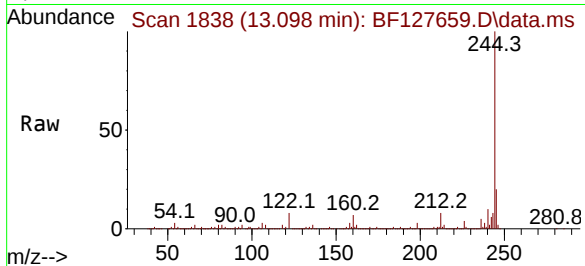




#77
Benzidine
Concen: 2.693 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

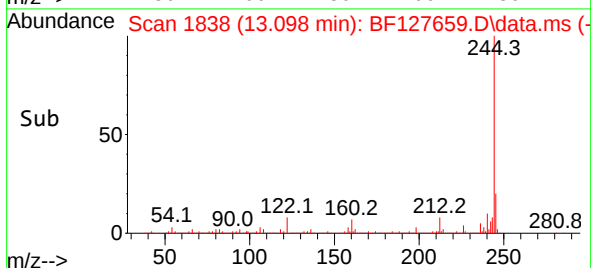
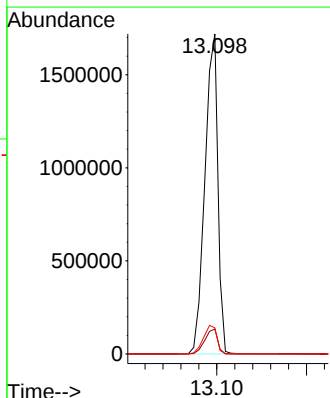
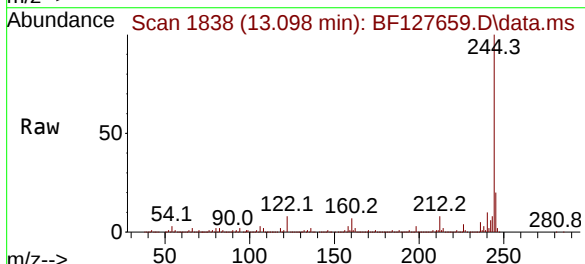
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-1

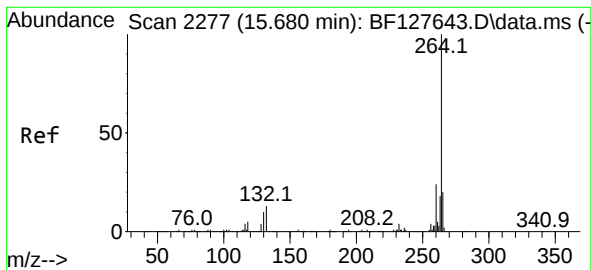
Tgt Ion:184 Resp: 25663
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.2
183 8.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 77.702 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127659.D
Acq: 06 Apr 2022 20:37

Tgt Ion:244 Resp: 1718531
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.1 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127659.D
 Acq: 06 Apr 2022 20:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-1

Tgt Ion:264 Resp: 297822
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 21.4 17.4 26.2

