

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127634.D
 Acq On : 04 Apr 2022 16:12
 Operator : CG\JU
 Sample : N2249-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Apr 04 17:52:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

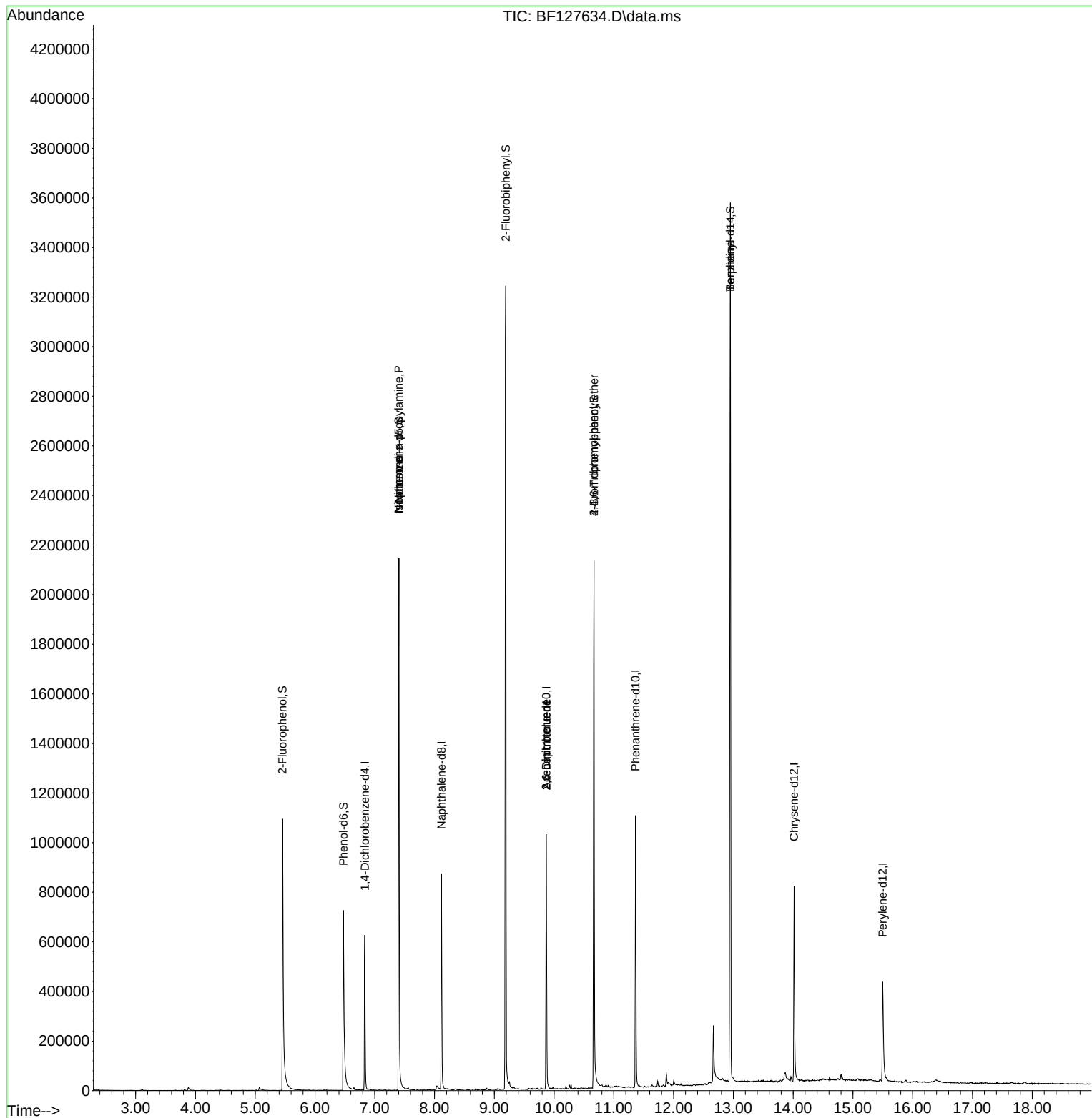
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	91571	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	337220	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	197768	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	367404	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	280990	20.000	ng	0.00
86) Perylene-d12	15.498	264	215814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	348324	60.718	ng	0.00
7) Phenol-d6	6.475	99	306476	39.083	ng	0.00
23) Nitrobenzene-d5	7.404	82	653444	82.830	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	257365	122.163	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1079567	79.710	ng	0.00
79) Terphenyl-d14	12.951	244	1271798	74.094	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	655	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	88275	18.780	ng	# 82
25) Isophorone	7.404	82	653438	52.005	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	25963	8.990	ng	# 17
55) Dibenzofuran	9.951	168	110	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.869	165	25963	6.984	ng	# 14
58) Fluorene	10.669	166	10499	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.669	248	17491	4.078	ng	# 1
77) Benzidine	12.951	184	15810	2.360	ng	# 94

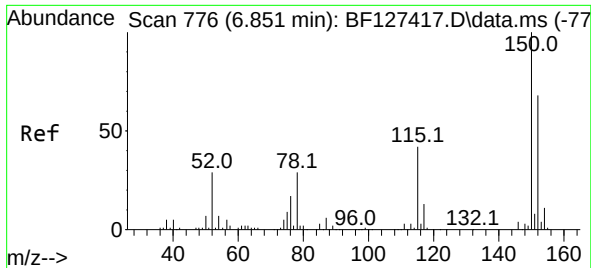
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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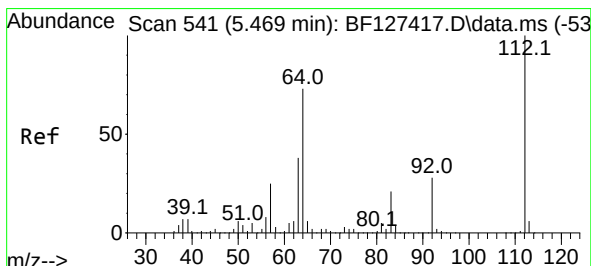
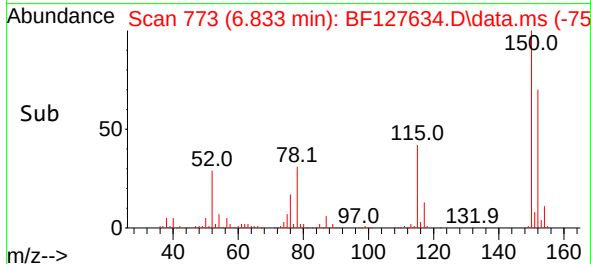
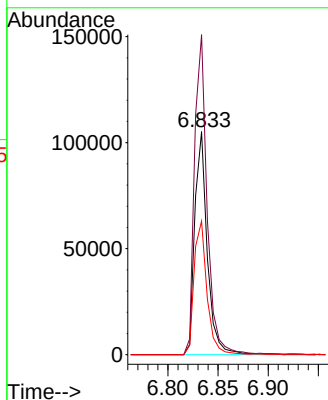
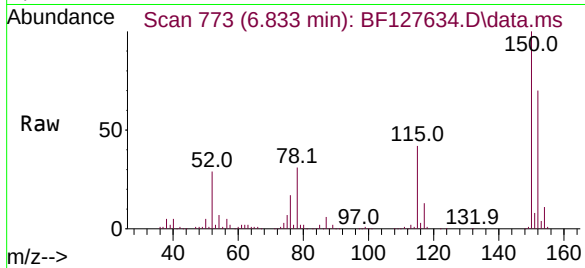




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

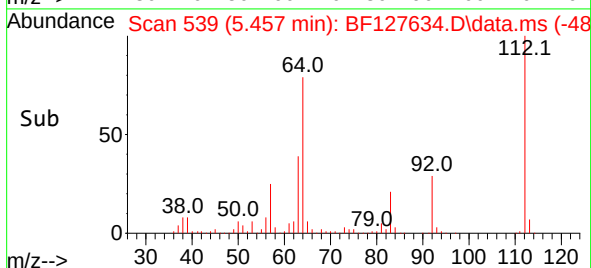
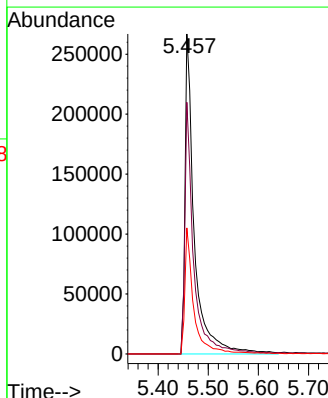
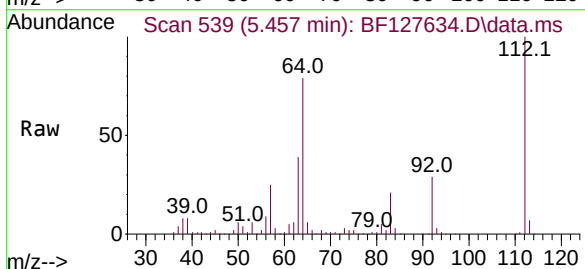
Instrument :
BNA_F
ClientSampleId :
MW-3

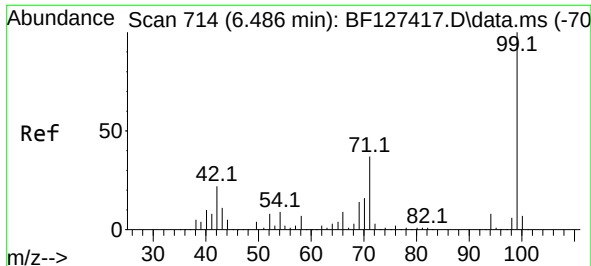
Tgt Ion:152 Resp: 91571
Ion Ratio Lower Upper
152 100
150 143.5 117.2 175.8
115 59.9 49.8 74.6



#5
2-Fluorophenol
Concen: 60.718 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

Tgt Ion:112 Resp: 348324
Ion Ratio Lower Upper
112 100
64 78.6 58.4 87.6
63 39.4 30.1 45.1





#7

Phenol-d6

Concen: 39.083 ng

RT: 6.475 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-3

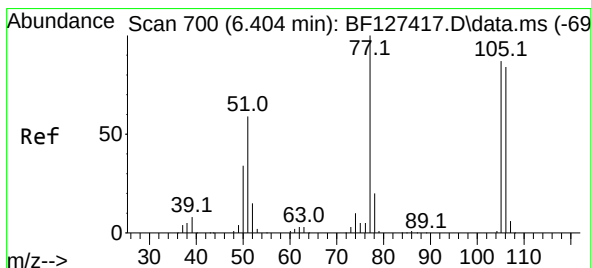
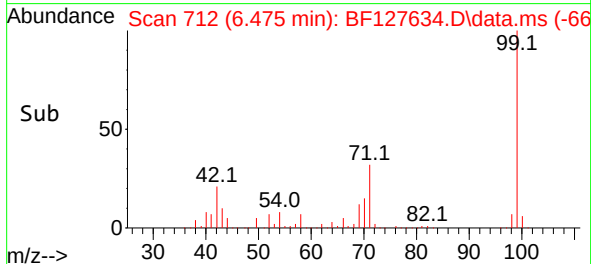
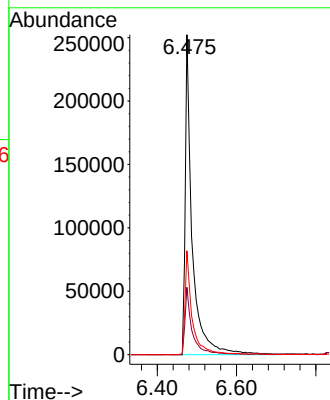
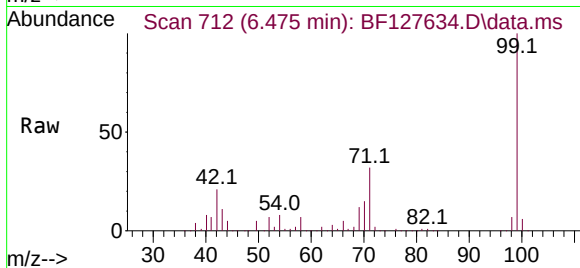
Tgt Ion: 99 Resp: 306476

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

71 32.5 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.492 min Scan# 715

Delta R.T. 0.100 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

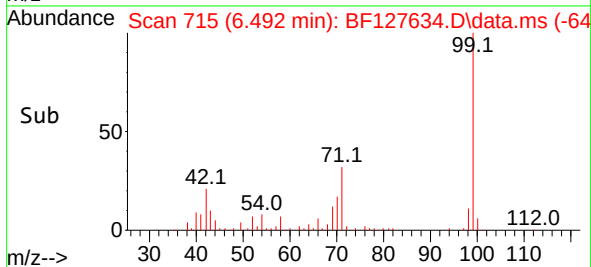
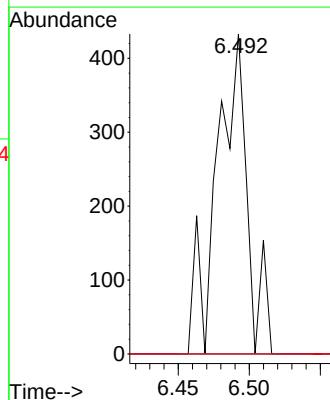
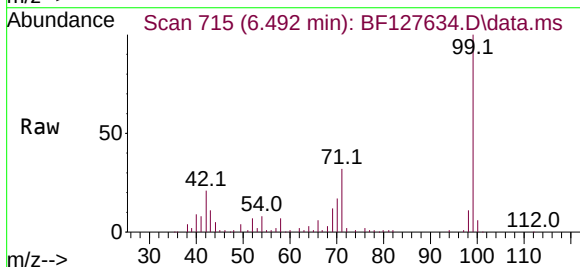
Tgt Ion: 77 Resp: 655

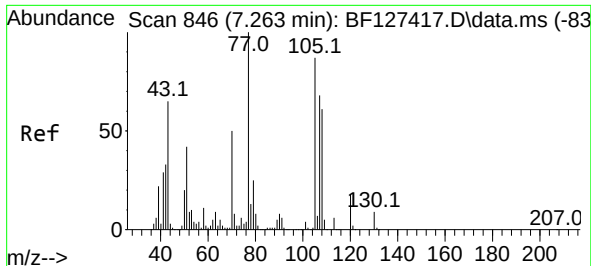
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#

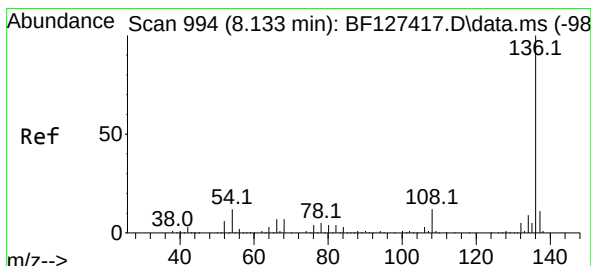
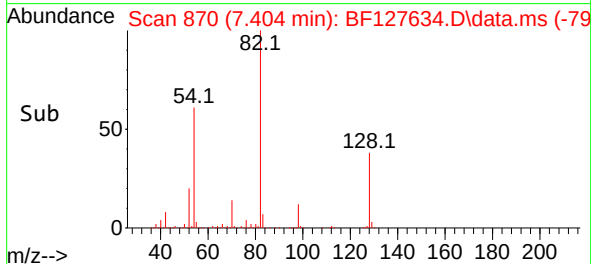
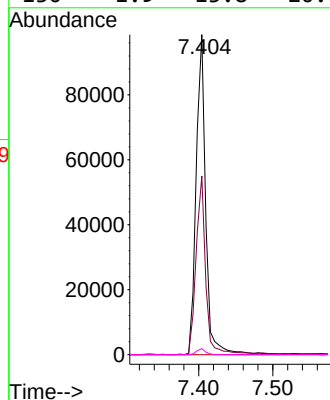
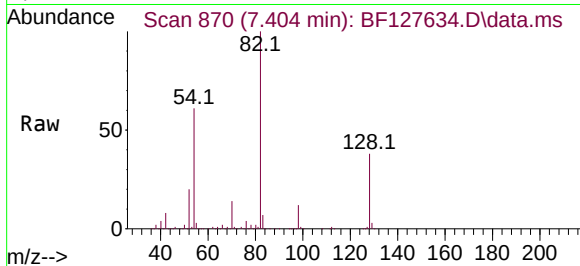




#19
n-Nitroso-di-n-propylamine
Concen: 18.780 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

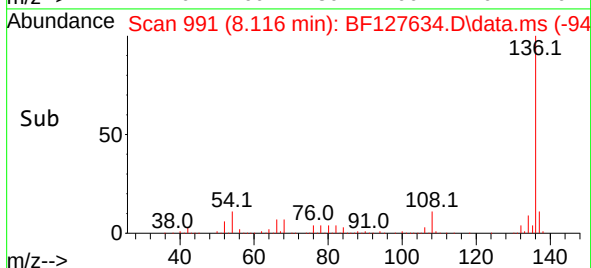
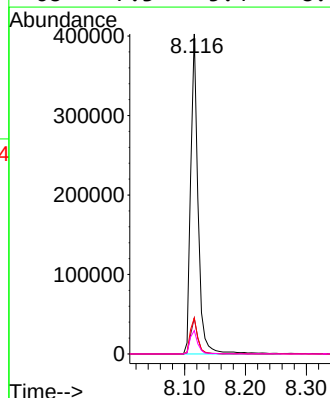
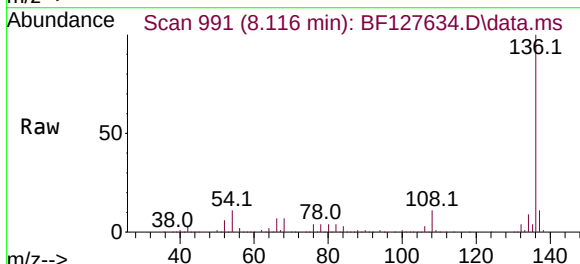
Instrument :
BNA_F
ClientSampleId :
MW-3

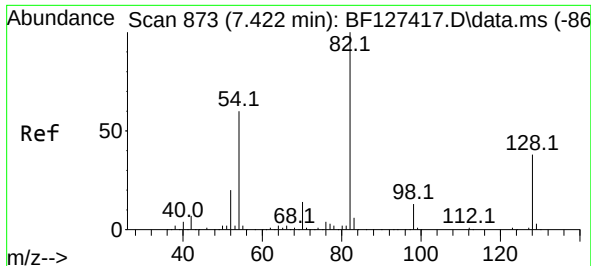
Tgt Ion: 70 Resp: 88275
Ion Ratio Lower Upper
70 100
42 55.8 53.0 79.6
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

Tgt Ion: 136 Resp: 337220
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.3 9.2 13.8
68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 82.830 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-3

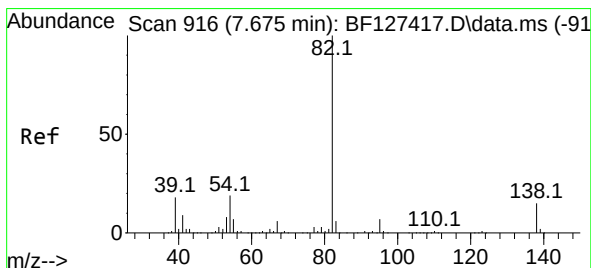
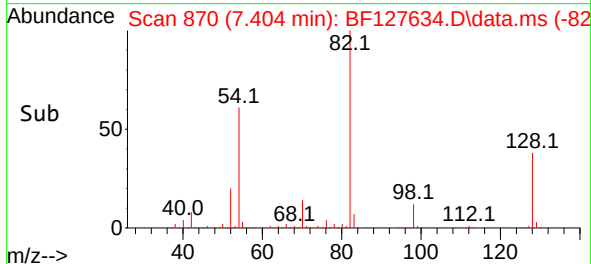
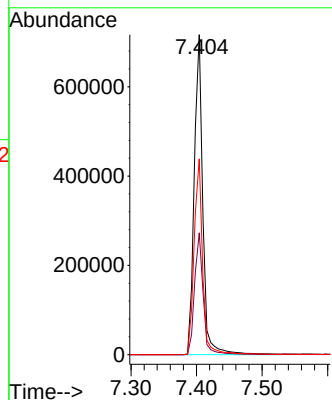
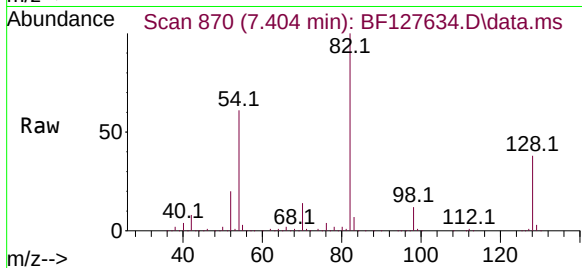
Tgt Ion: 82 Resp: 653444

Ion Ratio Lower Upper

82 100

128 38.1 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 52.005 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

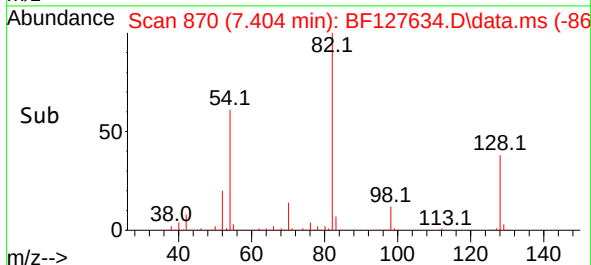
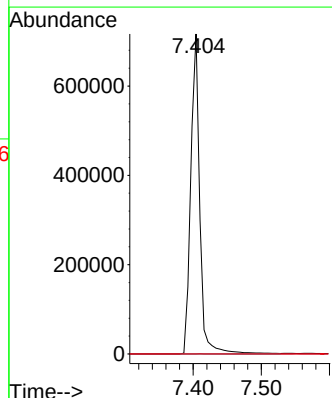
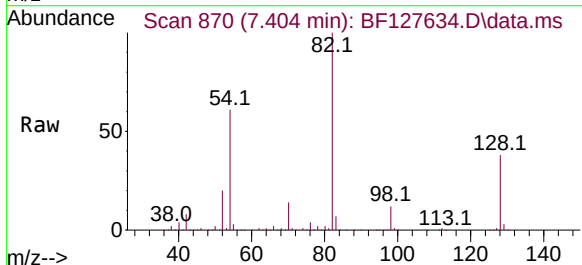
Tgt Ion: 82 Resp: 653438

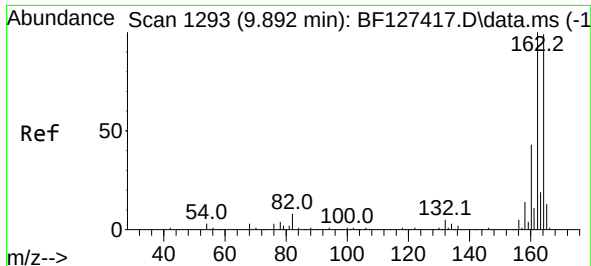
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-3

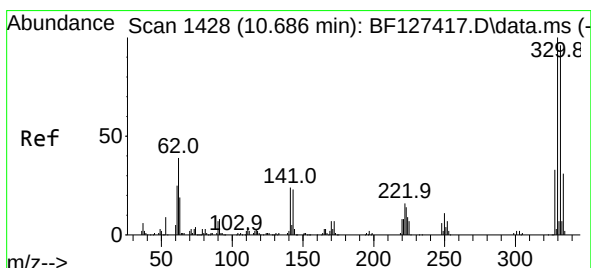
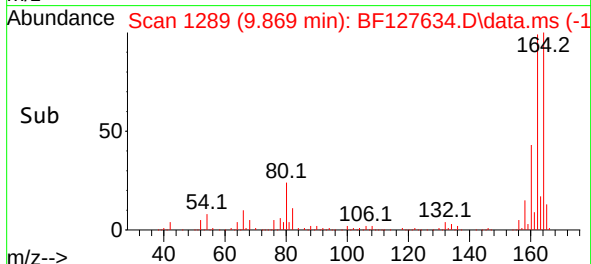
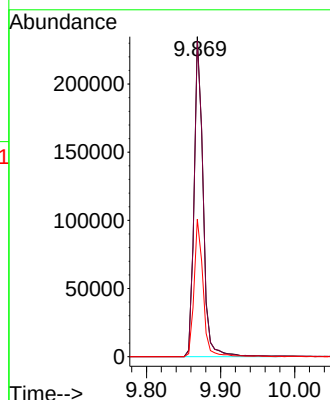
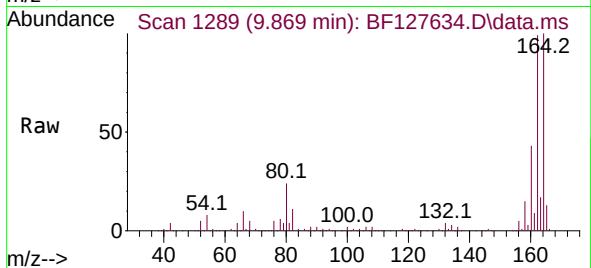
Tgt Ion:164 Resp: 197768

Ion Ratio Lower Upper

164 100

162 98.7 81.2 121.8

160 43.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 122.163 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.000 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

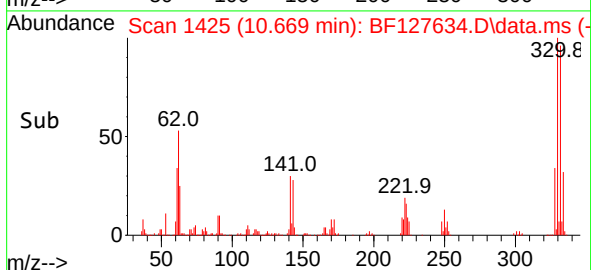
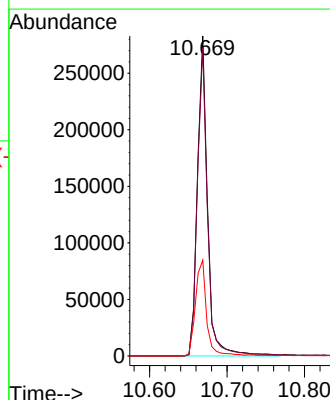
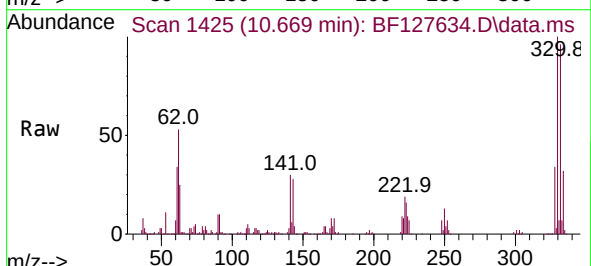
Tgt Ion:330 Resp: 257365

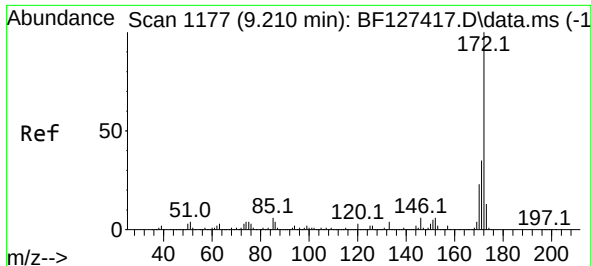
Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 33.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 79.710 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-3

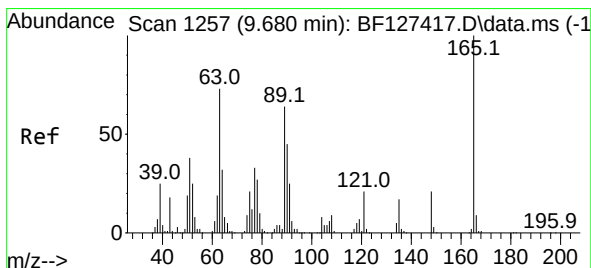
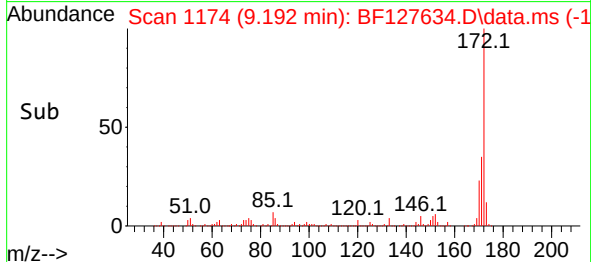
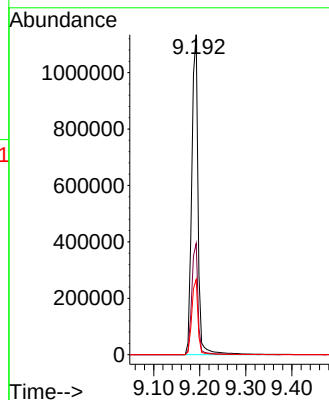
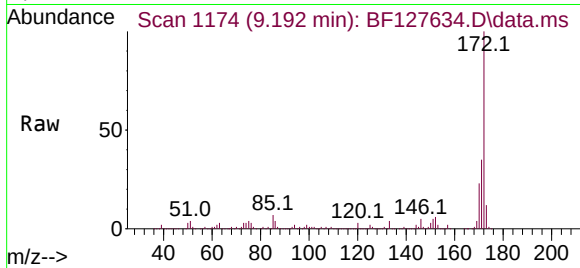
Tgt Ion:172 Resp: 1079567

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.990 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

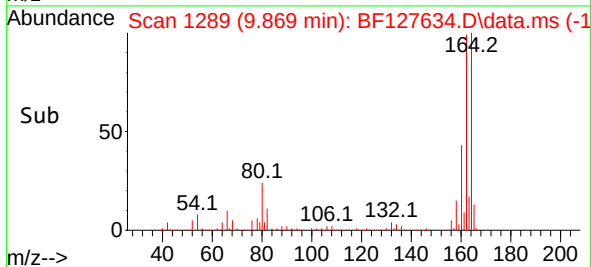
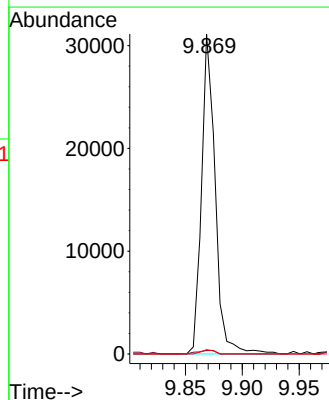
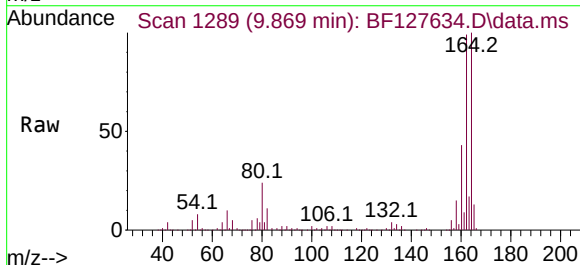
Tgt Ion:165 Resp: 25963

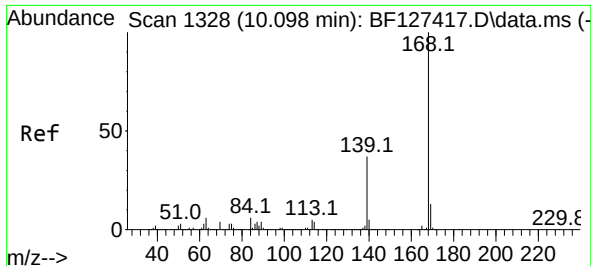
Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.3 51.5 77.3#

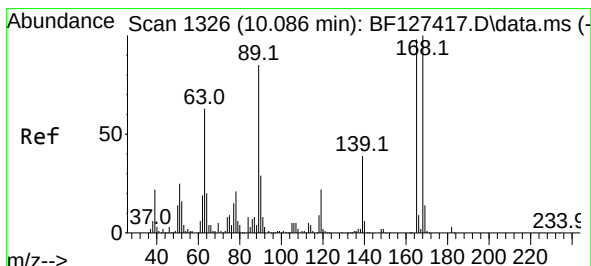
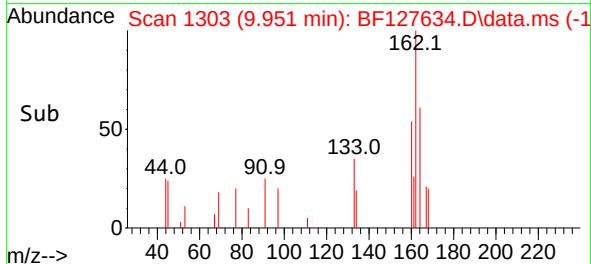
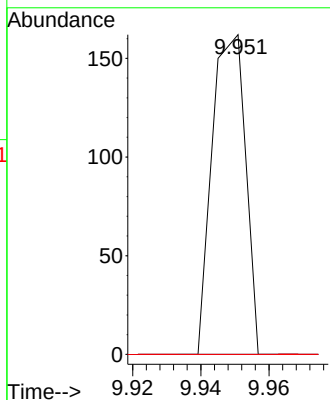
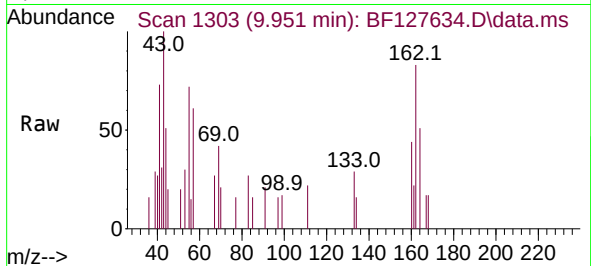




#55
Dibenzenofuran
Concen: Below Cal
RT: 9.951 min Scan# 11
Delta R.T. -0.129 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

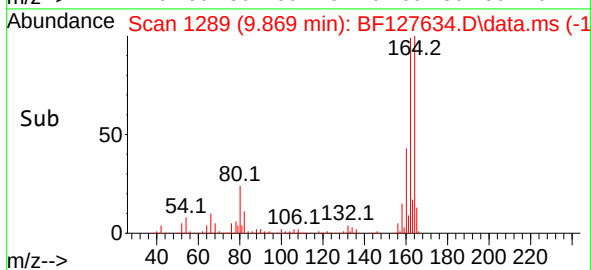
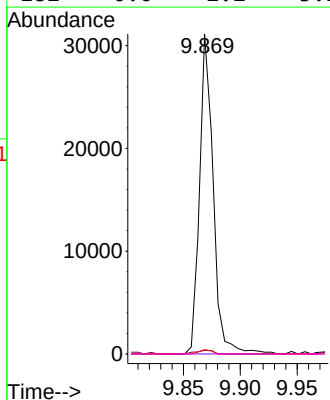
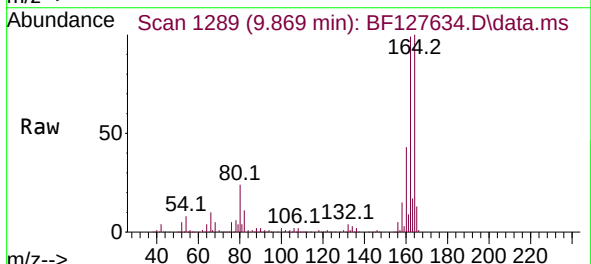
Instrument :
BNA_F
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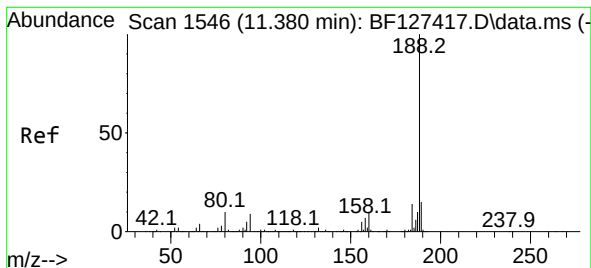
Tgt Ion:168 Resp: 110
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.984 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

Tgt Ion:165 Resp: 25963
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-3

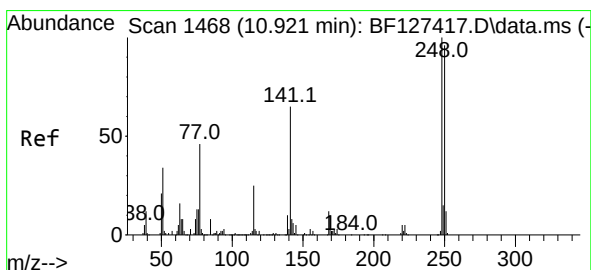
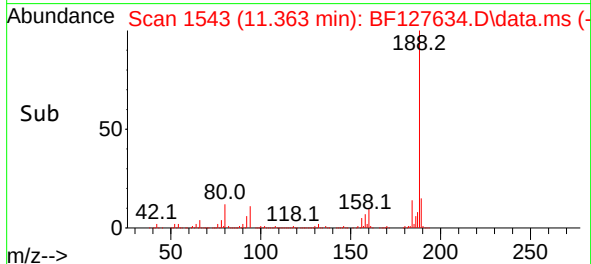
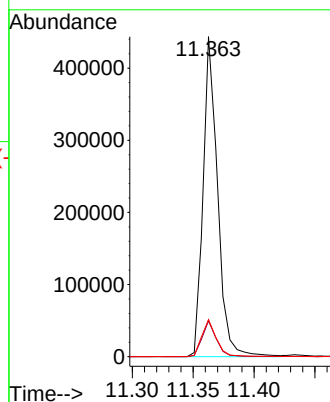
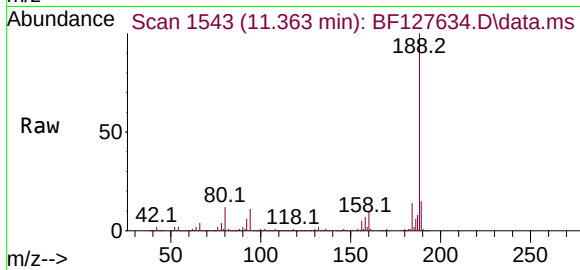
Tgt Ion:188 Resp: 367404

Ion Ratio Lower Upper

188 100

94 11.2 7.4 11.0#

80 11.6 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.078 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.235 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

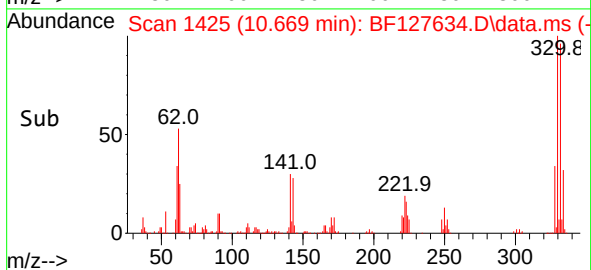
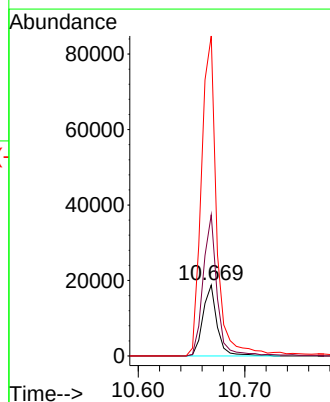
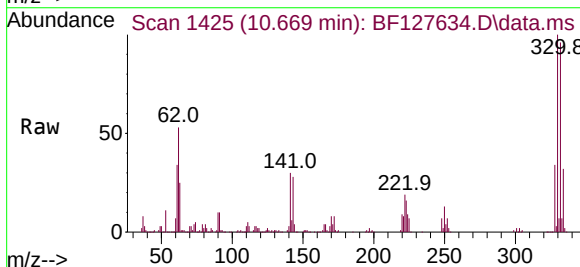
Tgt Ion:248 Resp: 17491

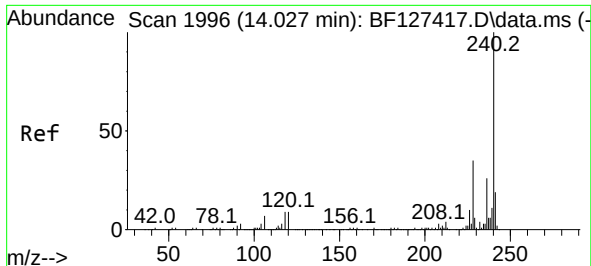
Ion Ratio Lower Upper

248 100

250 199.2 76.6 115.0#

141 451.9 52.2 78.2#

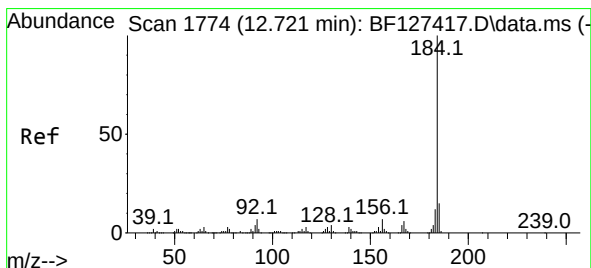
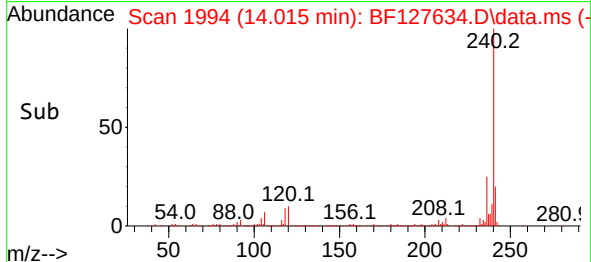
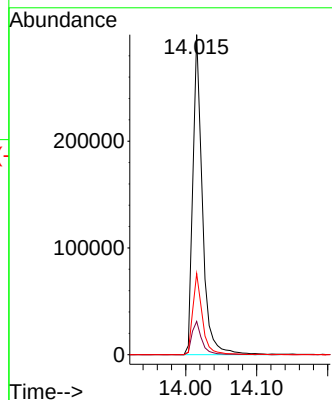
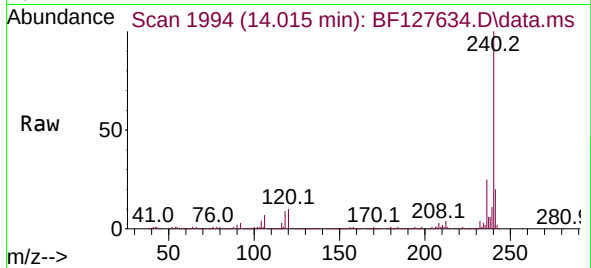




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

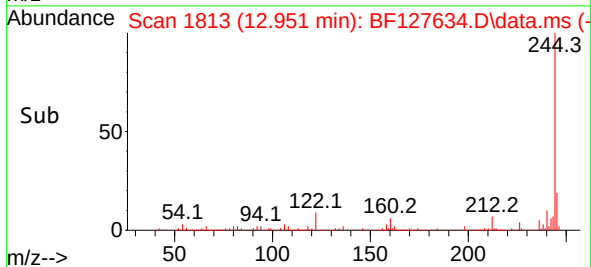
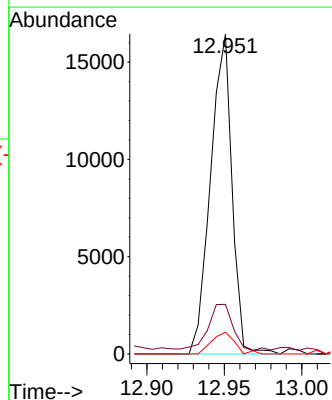
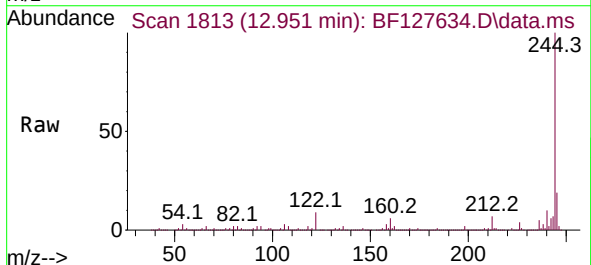
Instrument :
BNA_F
ClientSampleId :
MW-3

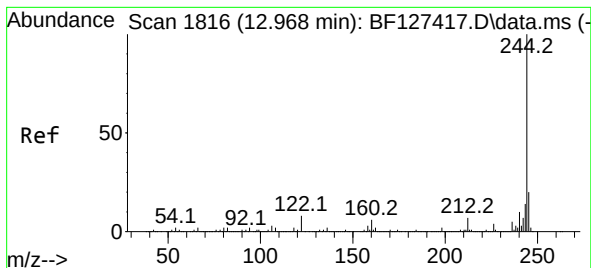
Tgt Ion:240 Resp: 280990
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.4 20.7 31.1



#77
Benzidine
Concen: 2.360 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127634.D
Acq: 04 Apr 2022 16:12

Tgt Ion:184 Resp: 15810
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 74.094 ng

RT: 12.951 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-3

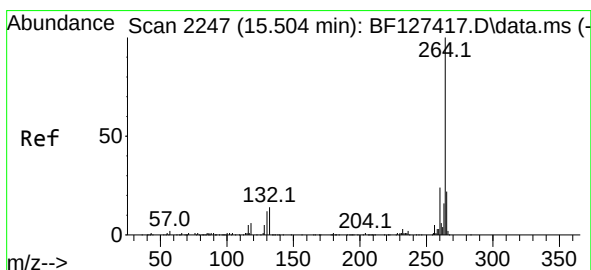
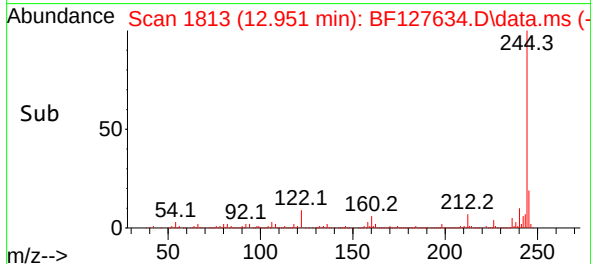
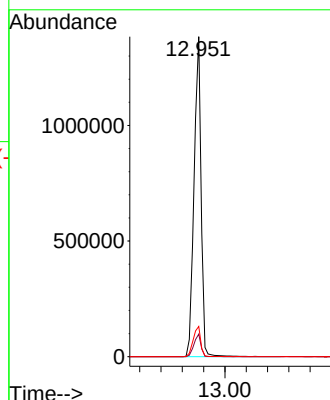
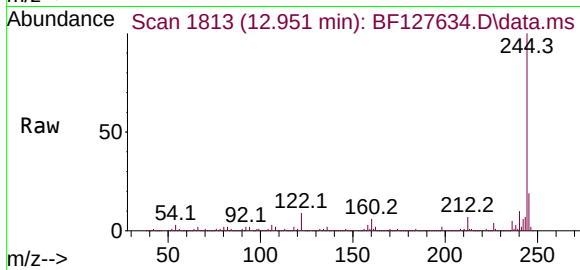
Tgt Ion:244 Resp: 1271798

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.4 6.2 9.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF127634.D

Acq: 04 Apr 2022 16:12

Tgt Ion:264 Resp: 215814

Ion Ratio Lower Upper

264 100

260 21.6 19.1 28.7

265 21.1 17.4 26.2

