

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127499.D
 Acq On : 24 Mar 2022 13:31
 Operator : CG\JU
 Sample : N2062-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Mar 24 15:21:22 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 22 02:16:33 2022
 Response via : Initial Calibration

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

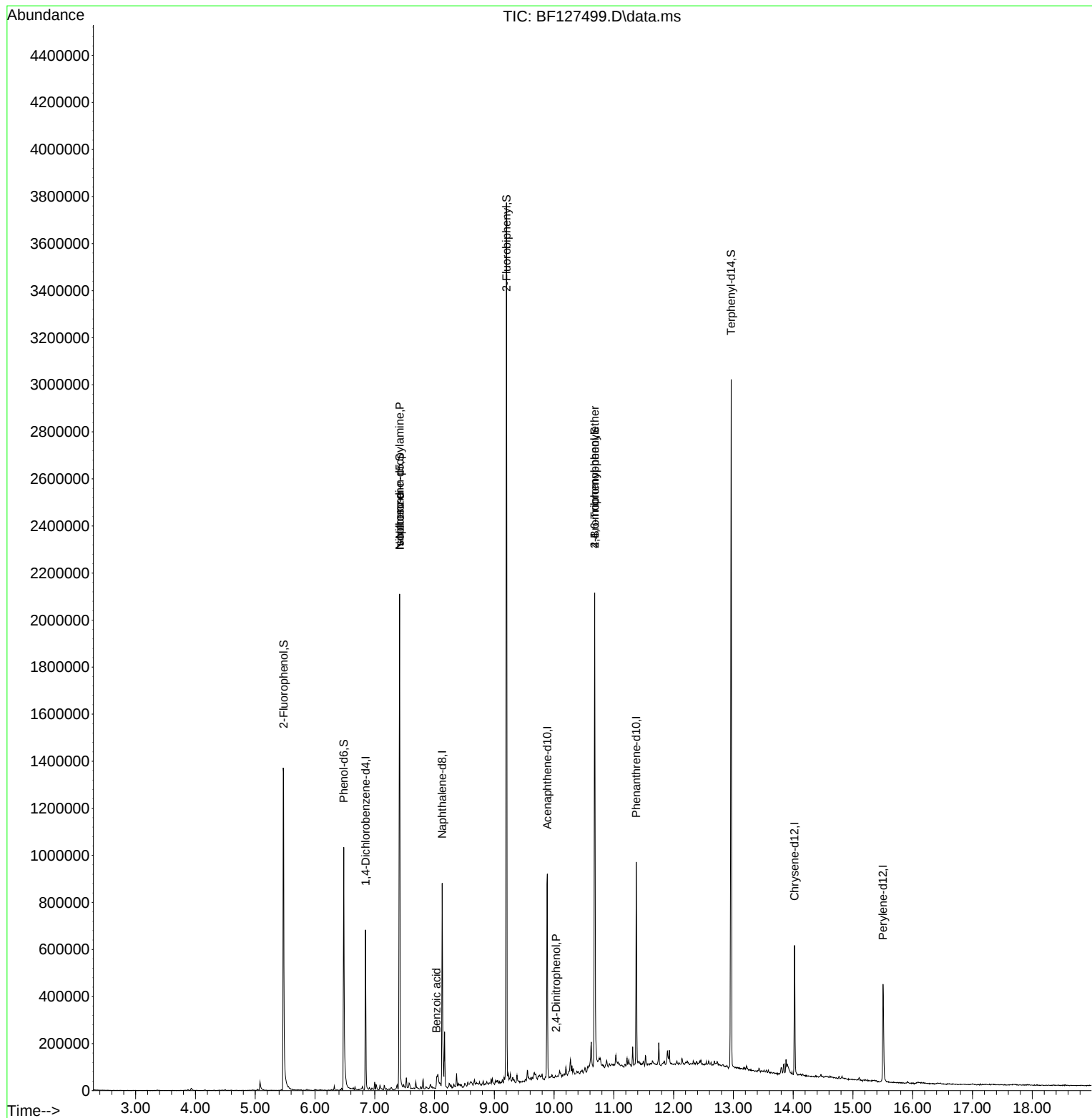
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87065	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	316429	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	181915	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	295424	20.000	ng	0.00
76) Chrysene-d12	14.021	240	193090	20.000	ng	0.00
86) Perylene-d12	15.504	264	193315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	390322	71.560	ng	0.00
7) Phenol-d6	6.481	99	340735	45.701	ng	0.00
23) Nitrobenzene-d5	7.416	82	686188	92.696	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	250592	129.314	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1123372	90.173	ng	0.00
79) Terphenyl-d14	12.963	244	994985	84.355	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	591	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	92000	20.586	ng	# 81
25) Isophorone	7.416	82	686188	58.200	ng	# 70
32) Benzoic acid	8.034	122	813	6.320	ng	# 46
54) 2,4-Dinitrophenol	10.033	184	71	8.748	ng	# 1
55) Dibenzofuran	10.092	168	742	Below Cal	#	39
58) Fluorene	10.433	166	777	Below Cal	#	72
67) 4-Bromophenyl-phenylether	10.680	248	16620	4.819	ng	# 1

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

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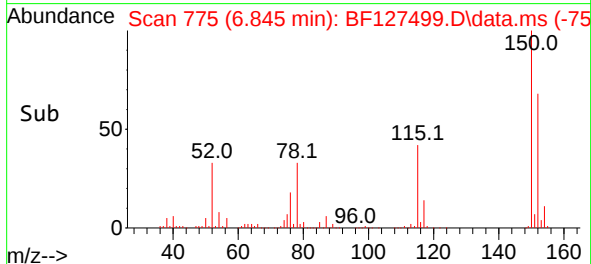
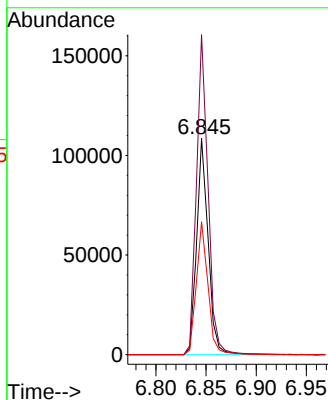
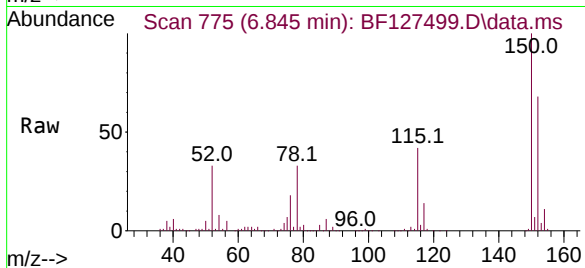




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

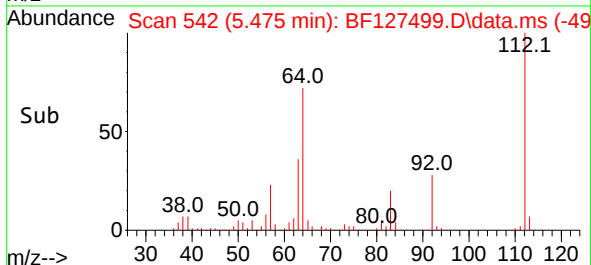
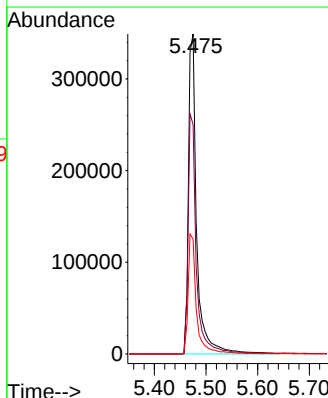
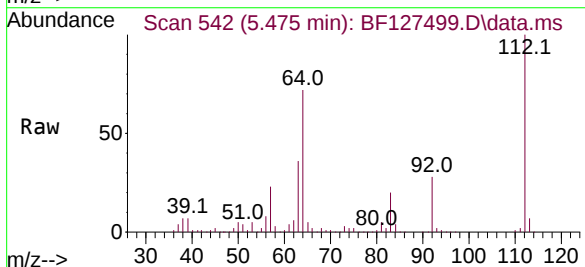
Instrument :
BNA_F
ClientSampleId :
MW-3

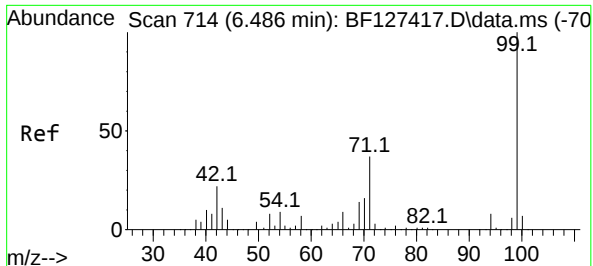
Tgt Ion:152 Resp: 87065
Ion Ratio Lower Upper
152 100
150 147.9 117.2 175.8
115 61.5 49.8 74.6



#5
2-Fluorophenol
Concen: 71.560 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

Tgt Ion:112 Resp: 390322
Ion Ratio Lower Upper
112 100
64 71.7 58.4 87.6
63 35.9 30.1 45.1





#7

Phenol-d6

Concen: 45.701 ng

RT: 6.481 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

Instrument :

BNA_F

ClientSampleId :

MW-3

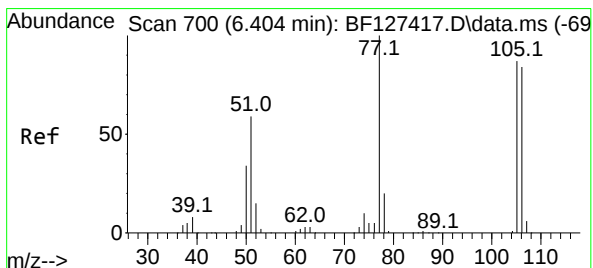
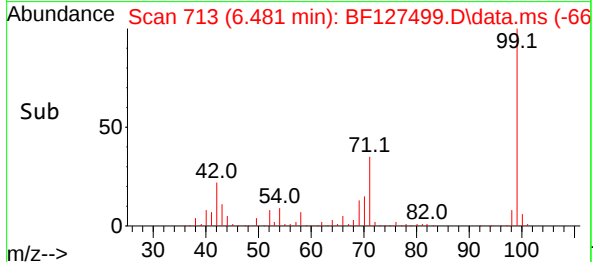
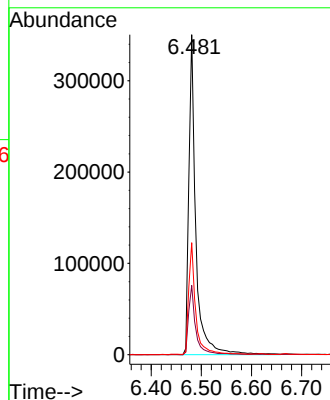
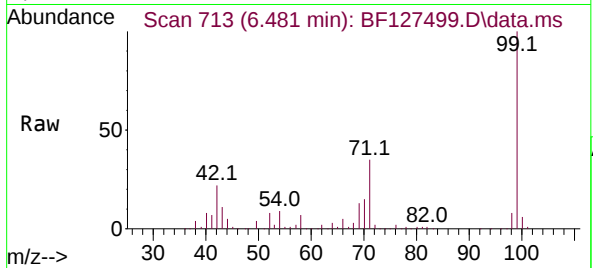
Tgt Ion: 99 Resp: 340735

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

71 35.0 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.487 min Scan# 714

Delta R.T. 0.083 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

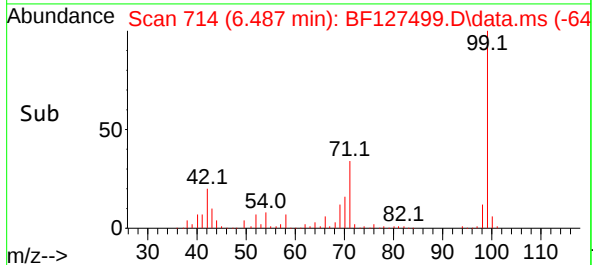
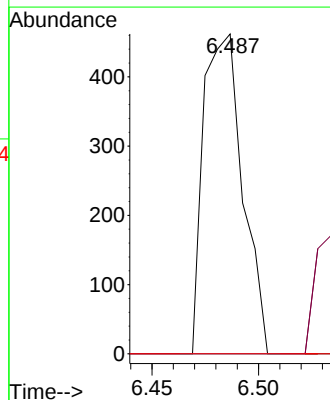
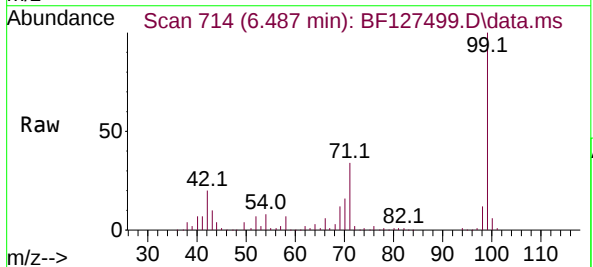
Tgt Ion: 77 Resp: 591

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: 20.586 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127499.D

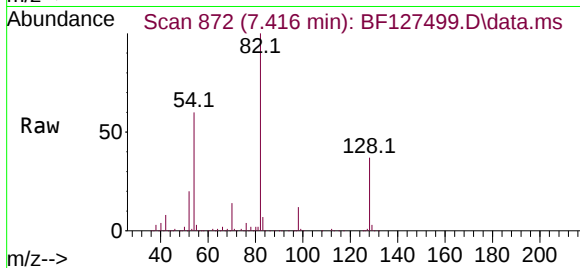
Acq: 24 Mar 2022 13:31

Instrument :

BNA_F

ClientSampleId :

MW-3



Tgt Ion: 70 Resp: 92000

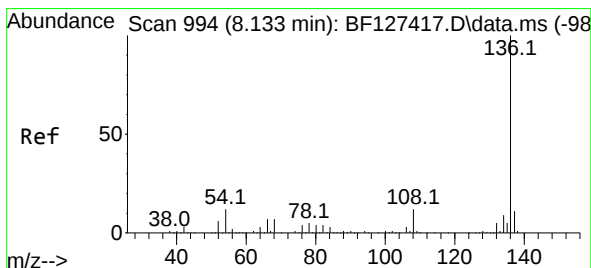
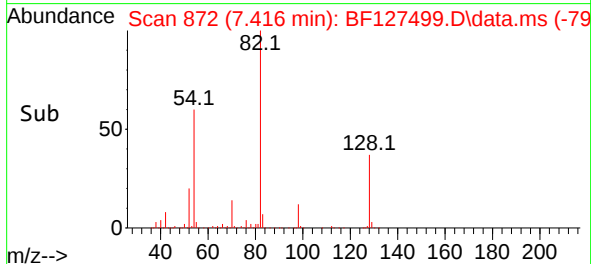
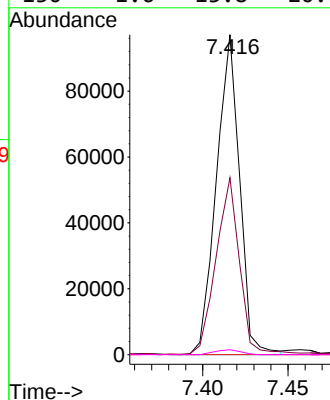
Ion Ratio Lower Upper

70 100

42 55.3 53.0 79.6

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

Tgt Ion: 136 Resp: 316429

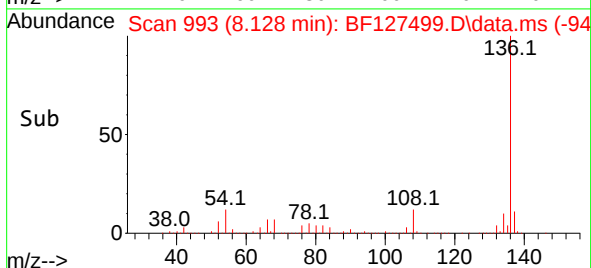
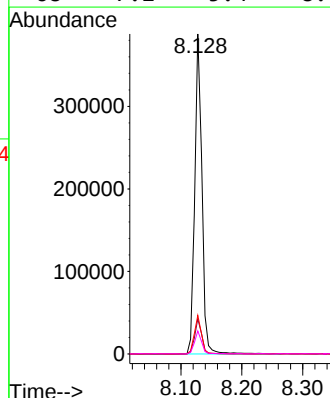
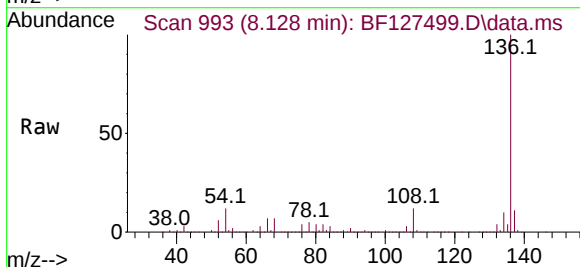
Ion Ratio Lower Upper

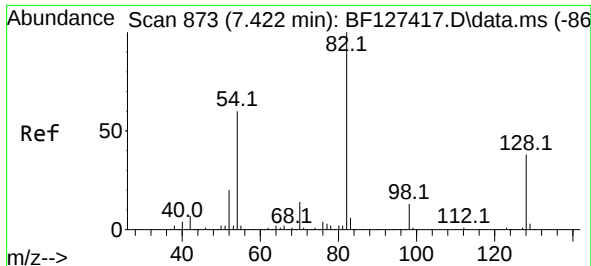
136 100

137 10.9 8.6 13.0

54 12.0 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 92.696 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

Instrument :

BNA_F

ClientSampleId :

MW-3

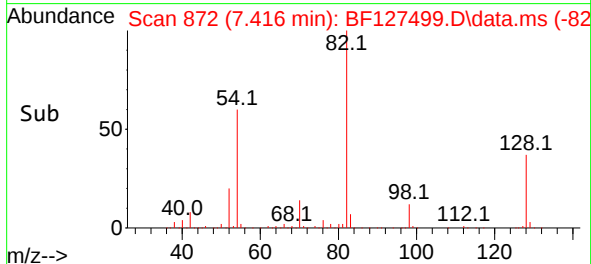
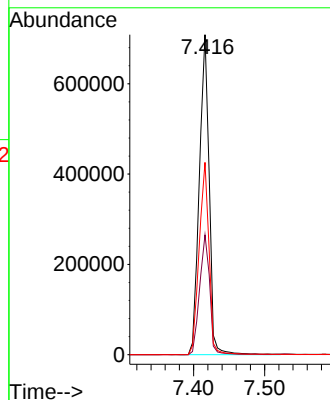
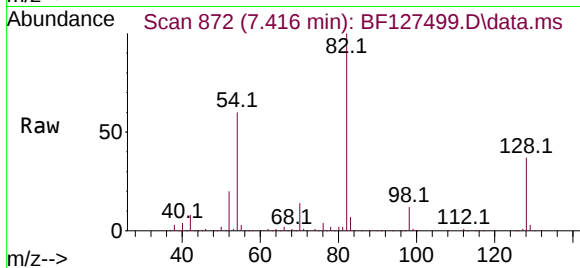
Tgt Ion: 82 Resp: 686188

Ion Ratio Lower Upper

82 100

128 37.4 30.6 45.8

54 60.1 48.2 72.2



#25

Isophorone

Concen: 58.200 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

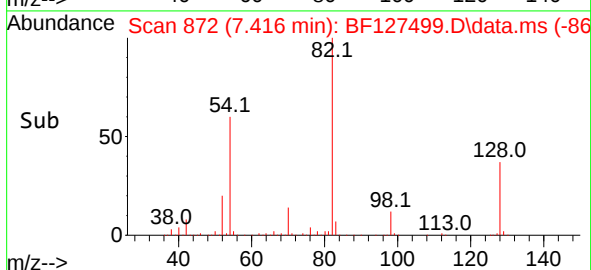
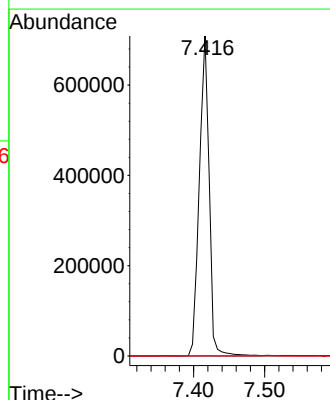
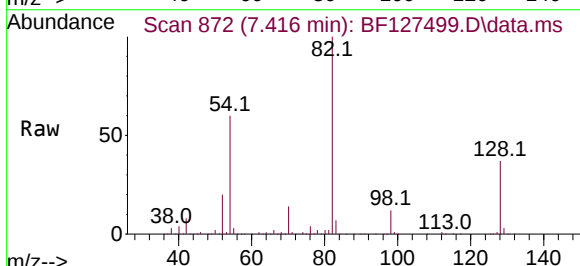
Tgt Ion: 82 Resp: 686188

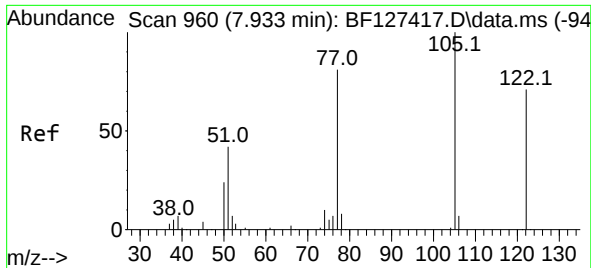
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

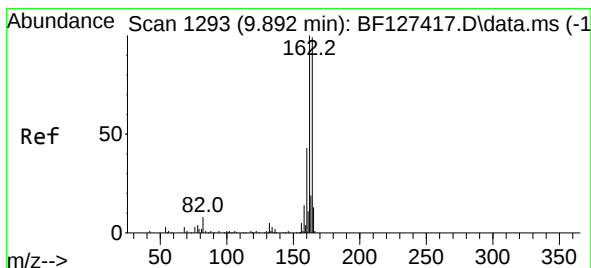
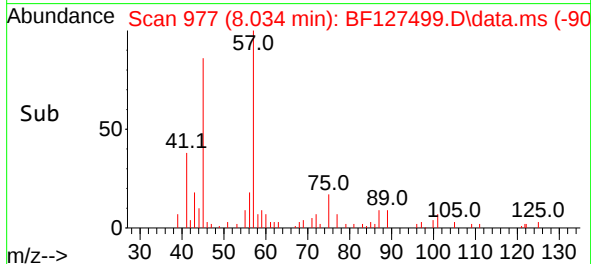
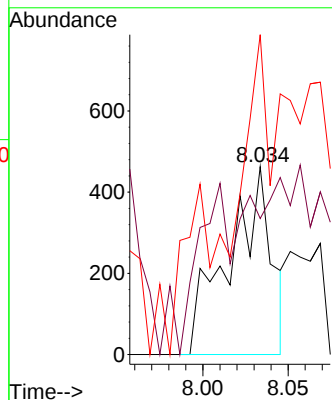
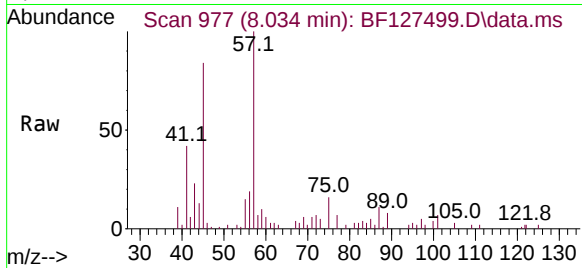




#32
Benzoic acid
Concen: 6.320 ng
RT: 8.034 min Scan# 91
Delta R.T. 0.101 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

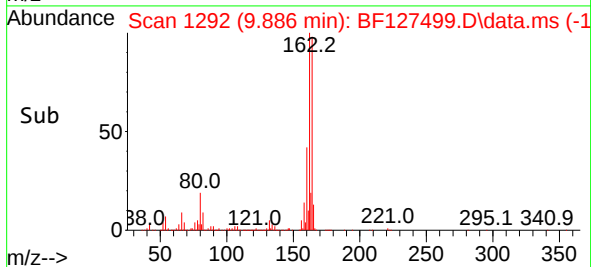
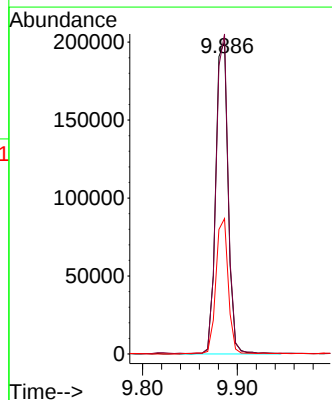
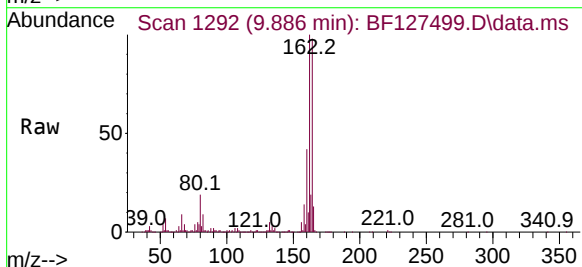
Instrument :
BNA_F
ClientSampleId :
MW-3

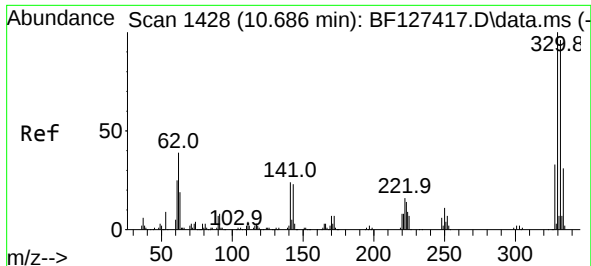
Tgt Ion:122 Resp: 813
Ion Ratio Lower Upper
122 100
105 72.4 117.1 157.1#
77 170.2 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

Tgt Ion:164 Resp: 181915
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 129.314 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

Instrument :

BNA_F

ClientSampleId :

MW-3

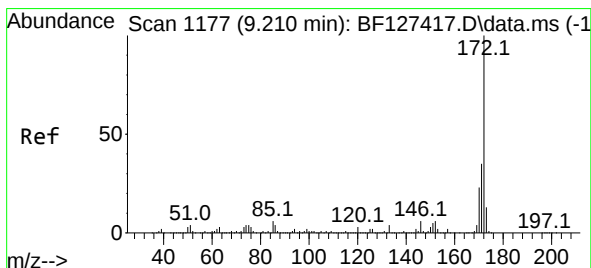
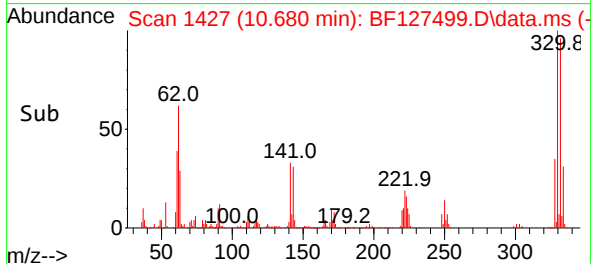
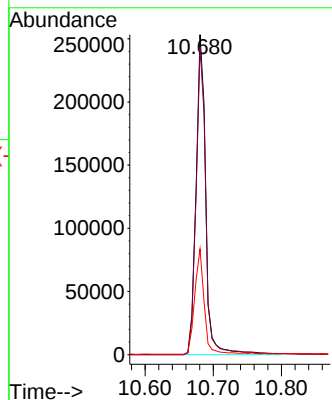
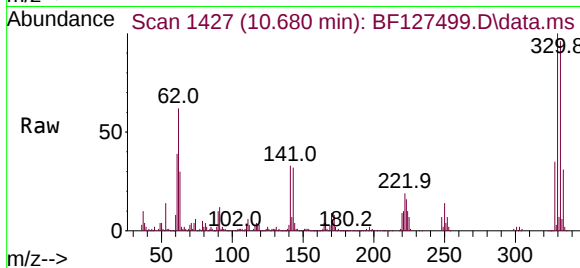
Tgt Ion:330 Resp: 250592

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 32.5 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 90.173 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

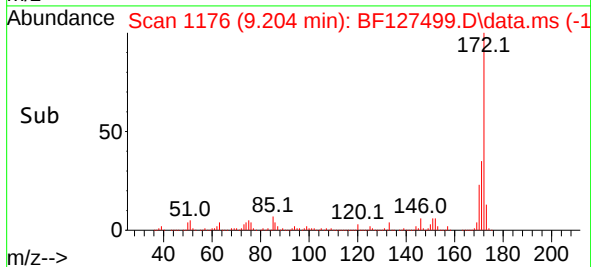
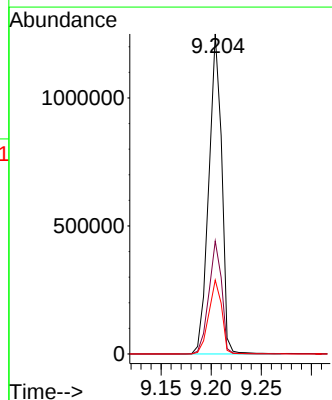
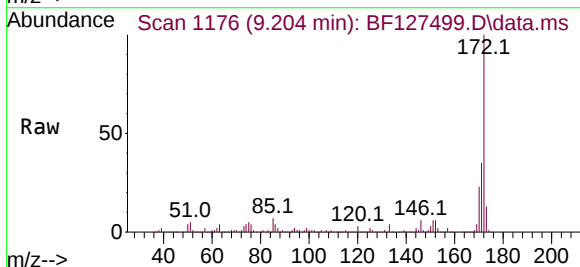
Tgt Ion:172 Resp: 1123372

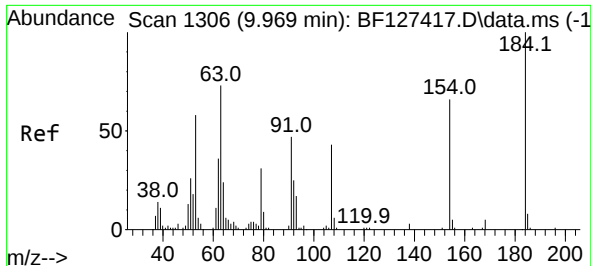
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.6 27.8

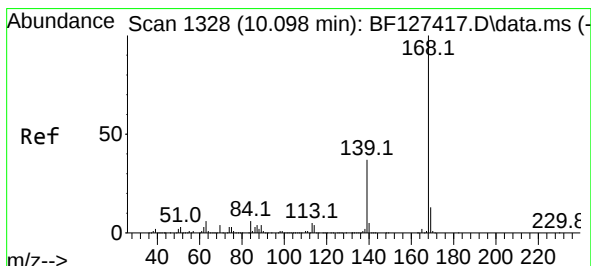
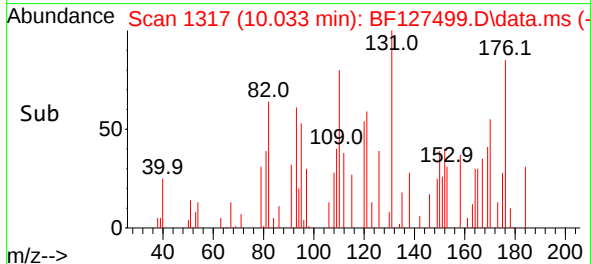
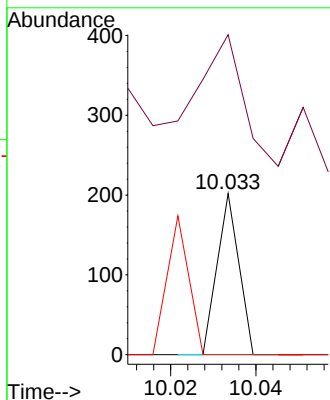
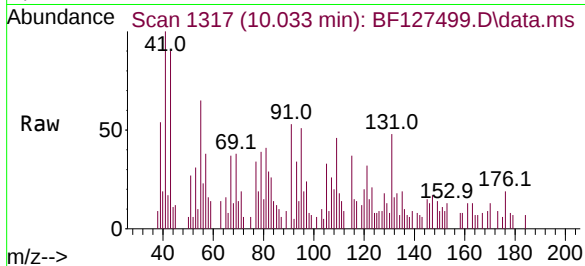




#54
2,4-Dinitrophenol
Concen: 8.748 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.064 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

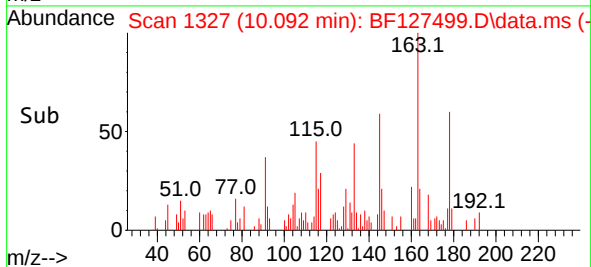
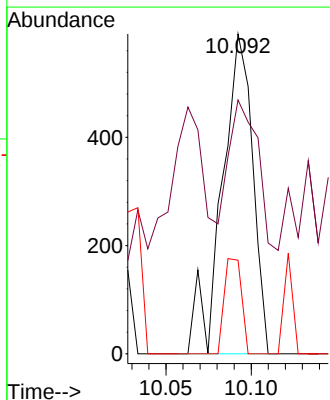
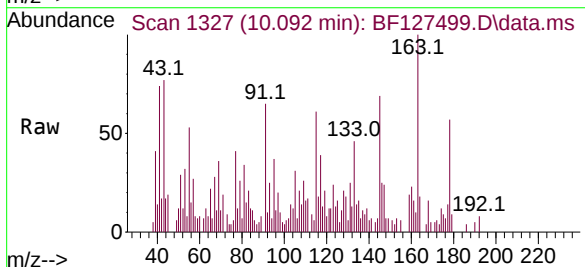
Instrument :
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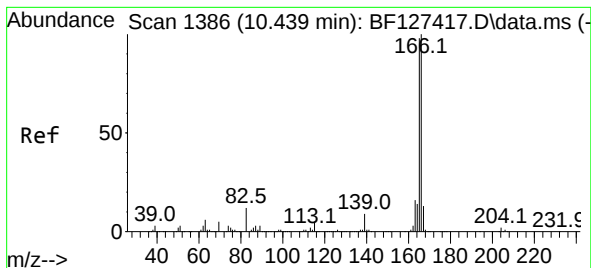
Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 198.5 58.1 87.1#
154 0.0 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

Tgt Ion:168 Resp: 742
Ion Ratio Lower Upper
168 100
139 79.4 30.3 45.5#
169 29.3 10.8 16.2#





#58

Fluorene

Concen: Below Cal

RT: 10.433 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

Instrument :

BNA_F

ClientSampleId :

MW-3

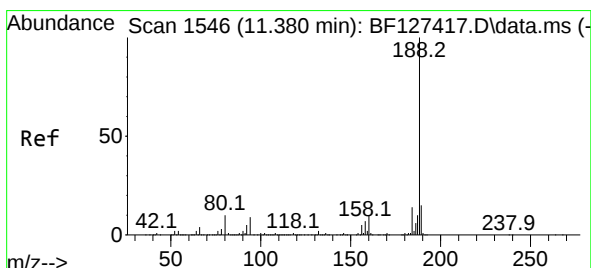
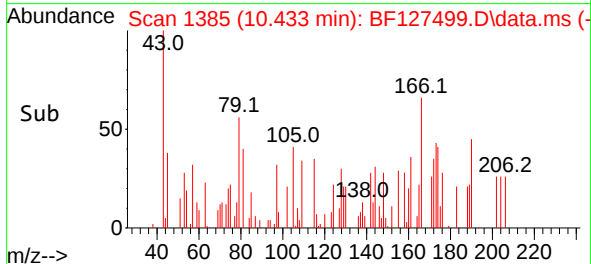
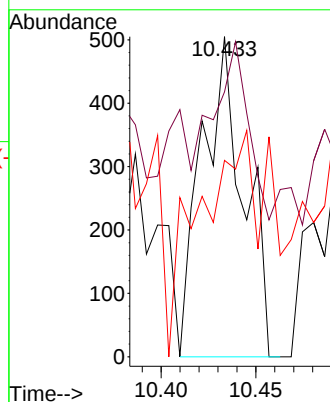
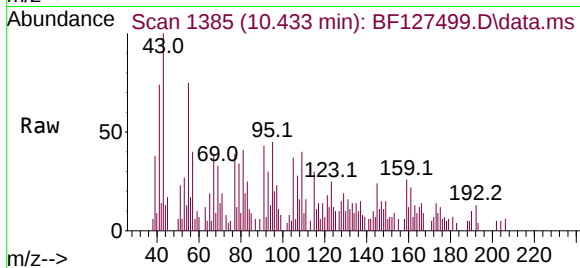
Tgt Ion:166 Resp: 777

Ion Ratio Lower Upper

166 100

165 82.8 78.1 117.1

167 61.4 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1545

Delta R.T. -0.005 min

Lab File: BF127499.D

Acq: 24 Mar 2022 13:31

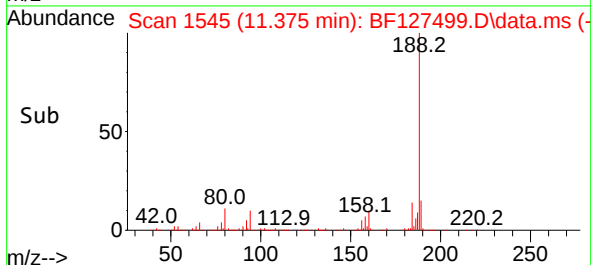
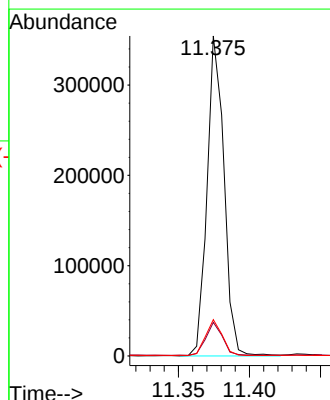
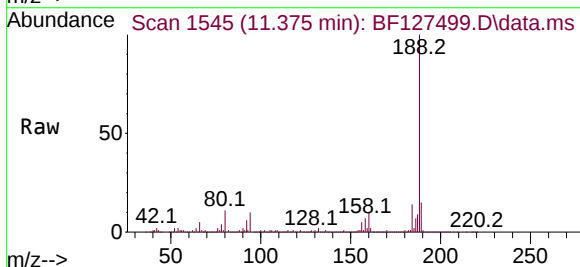
Tgt Ion:188 Resp: 295424

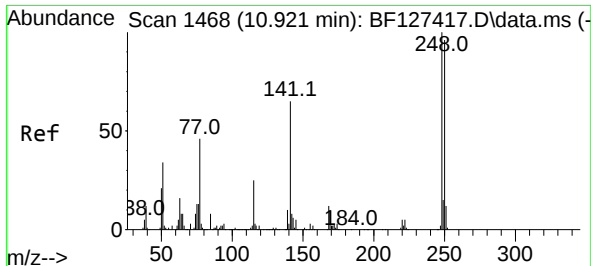
Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.0

80 11.3 8.0 12.0

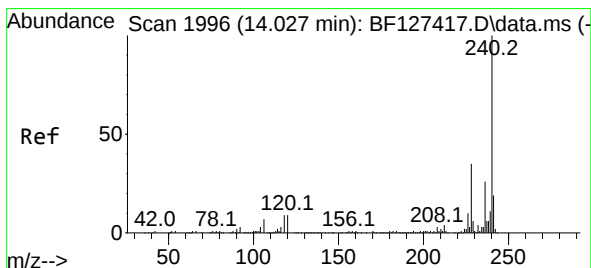
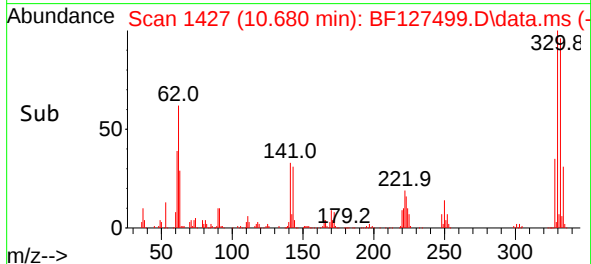
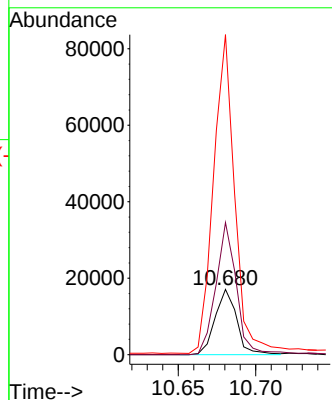
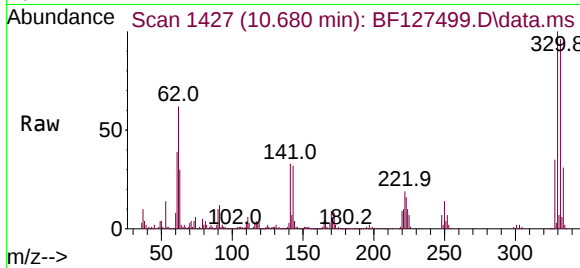




#67
4-Bromophenyl-phenylether
Concen: 4.819 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

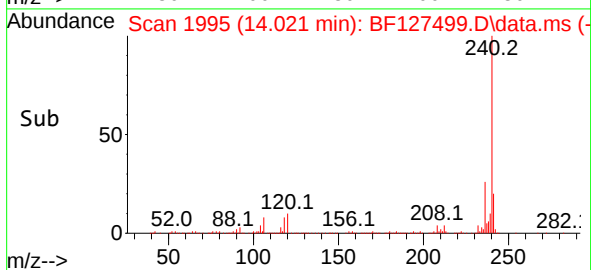
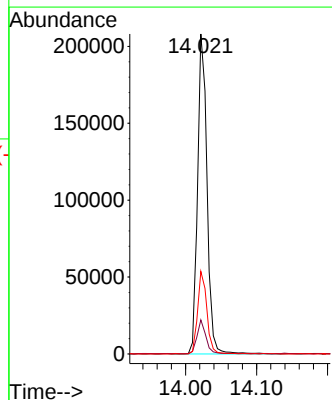
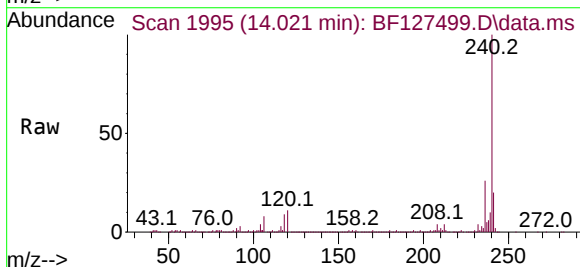
Instrument :
BNA_F
ClientSampleId :
MW-3

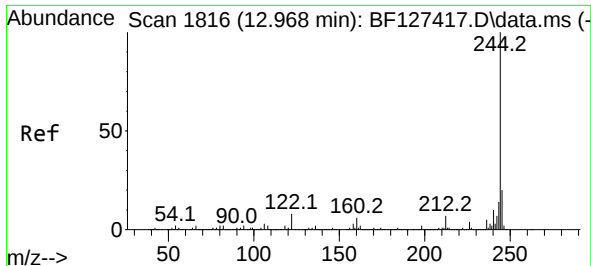
Tgt Ion:248 Resp: 16620
Ion Ratio Lower Upper
248 100
250 202.7 76.6 115.0#
141 490.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127499.D
Acq: 24 Mar 2022 13:31

Tgt Ion:240 Resp: 193090
Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7
236 25.8 20.7 31.1

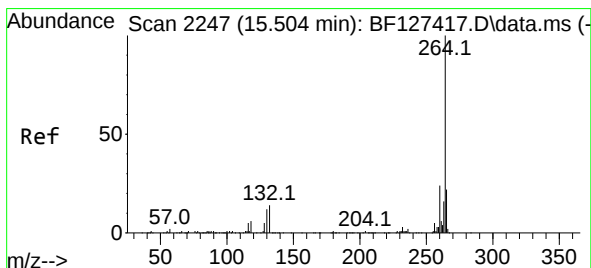
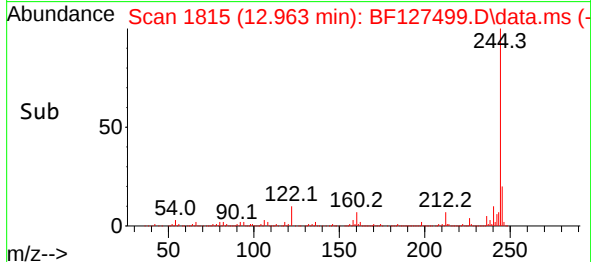
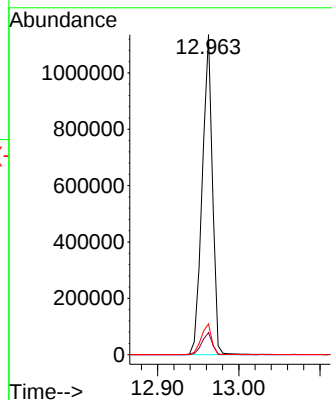
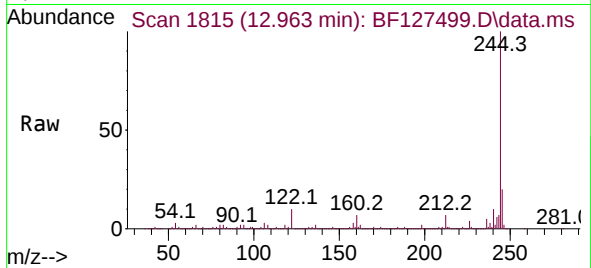




#79
 Terphenyl-d14
 Concen: 84.355 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127499.D
 Acq: 24 Mar 2022 13:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 994985
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.6 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127499.D
 Acq: 24 Mar 2022 13:31

Tgt Ion:264 Resp: 193315
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.4 17.4 26.2

