

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127479.D
 Acq On : 23 Mar 2022 14:34
 Operator : CG\JU
 Sample : N2063-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-(10-10.5)

Quant Time: Mar 24 02:12:03 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)

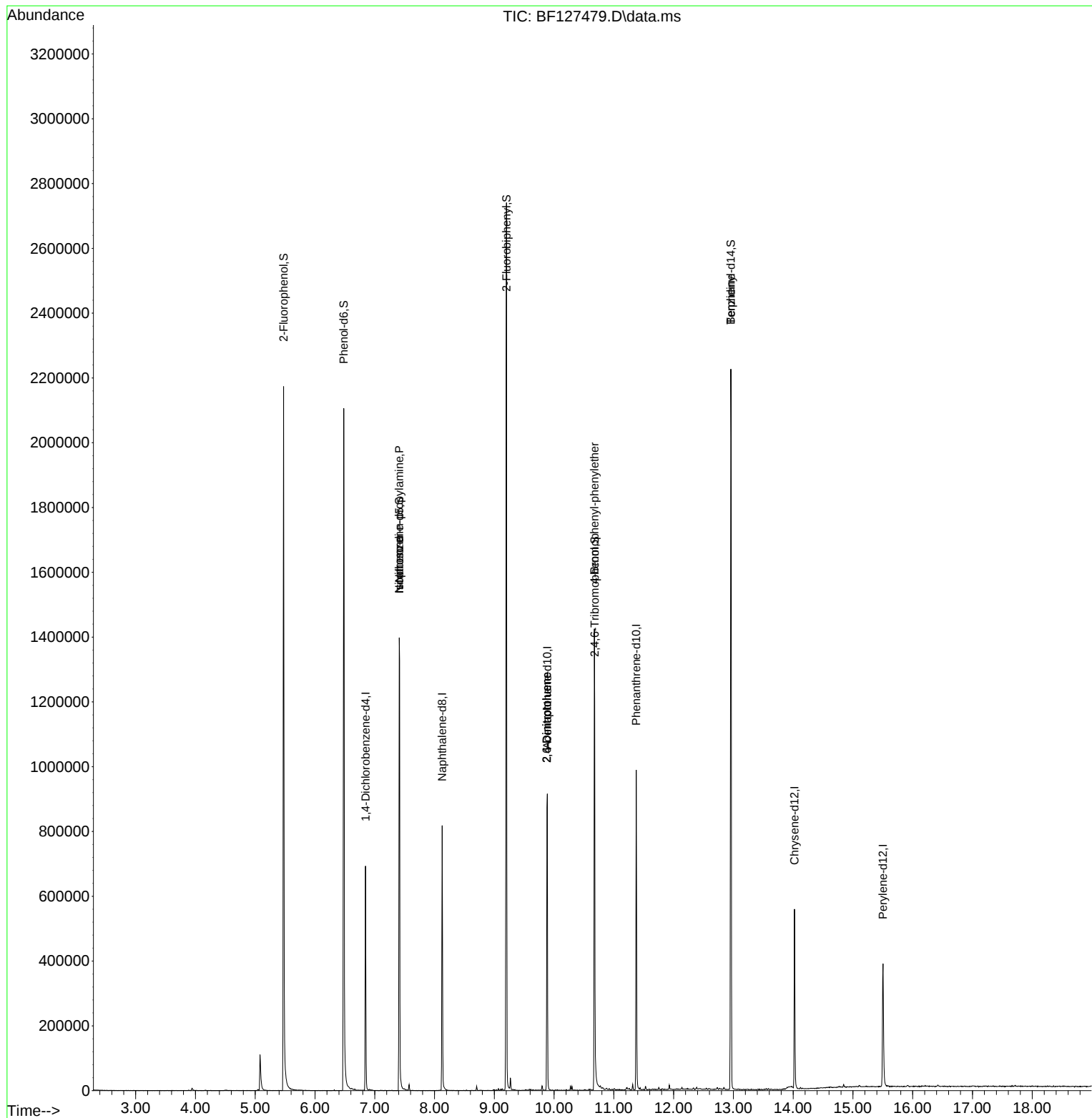
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90448	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	328936	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	192125	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	335814	20.000	ng	0.00
76) Chrysene-d12	14.021	240	187124	20.000	ng	0.00
86) Perylene-d12	15.504	264	186115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	514343	90.771	ng	0.00
7) Phenol-d6	6.481	99	709651	91.621	ng	0.00
23) Nitrobenzene-d5	7.410	82	478822	62.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	167015	81.605	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	818072	62.177	ng	0.00
79) Terphenyl-d14	12.957	244	786131	68.773	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1092	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.410	70	64673	13.930	ng	# 80
25) Isophorone	7.410	82	478818	39.067	ng	# 70
51) 2,6-Dinitrotoluene	9.881	165	24874	8.866	ng	# 17
57) 2,4-Dinitrotoluene	9.881	165	24874	6.888	ng	# 14
58) Fluorene	10.675	166	6136	Below Cal	#	79
67) 4-Bromophenyl-phenylether	10.675	248	11131	2.839	ng	# 1
77) Benzidine	12.957	184	9654	2.164	ng	# 91

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

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QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

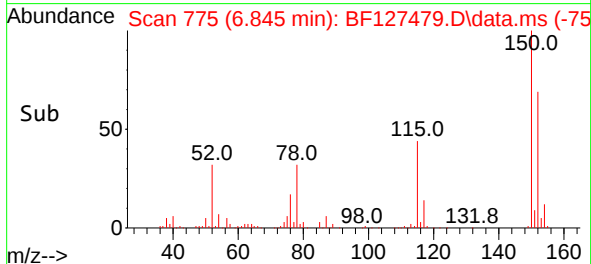
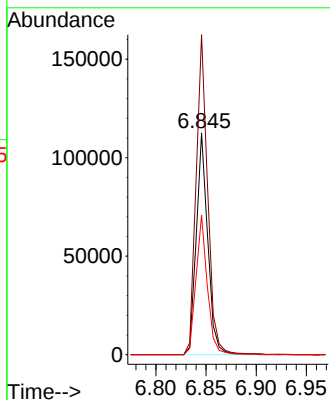
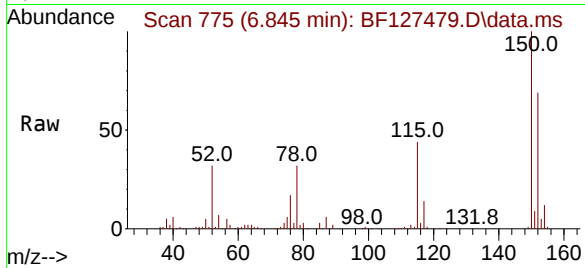




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

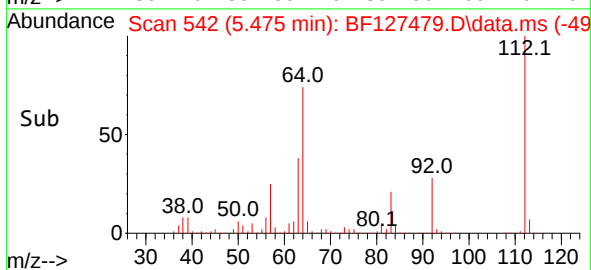
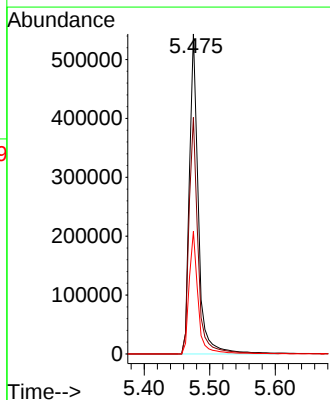
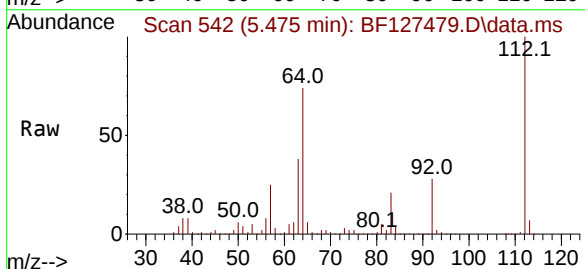
Instrument :
BNA_F
ClientSampleId :
WC-2-(10-10.5)

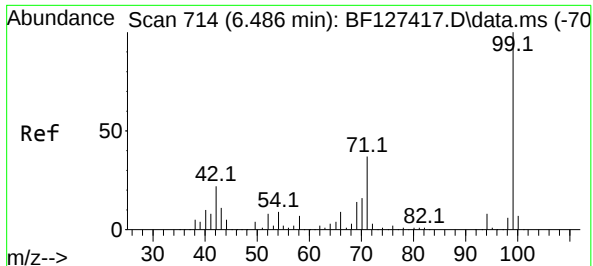
Tgt Ion:152 Resp: 90448
Ion Ratio Lower Upper
152 100
150 144.3 117.2 175.8
115 63.0 49.8 74.6



#5
2-Fluorophenol
Concen: 90.771 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

Tgt Ion:112 Resp: 514343
Ion Ratio Lower Upper
112 100
64 73.9 58.4 87.6
63 38.3 30.1 45.1

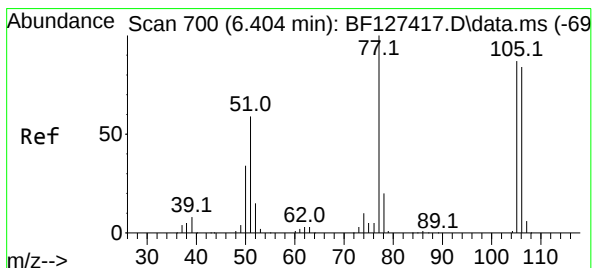
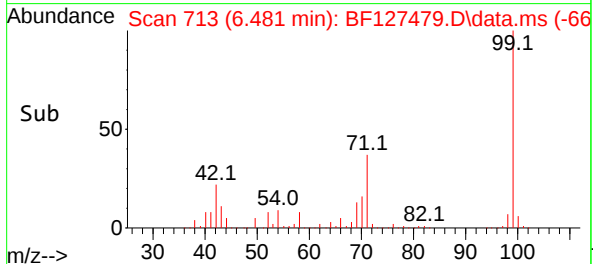
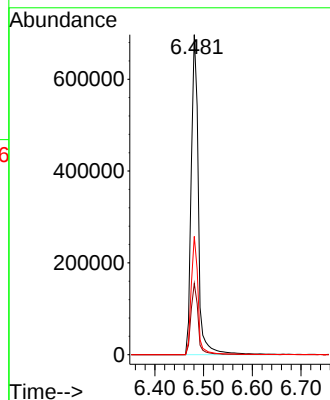
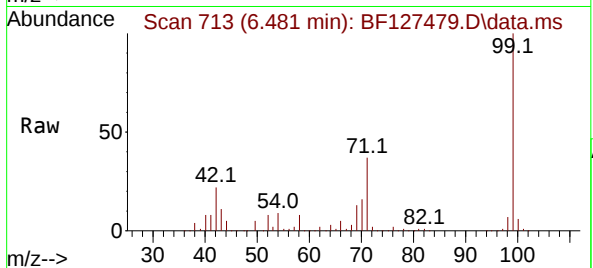




#7
Phenol-d6
Concen: 91.621 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

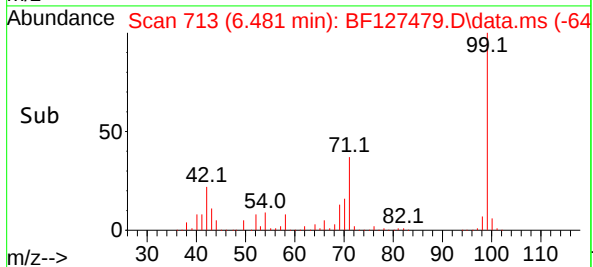
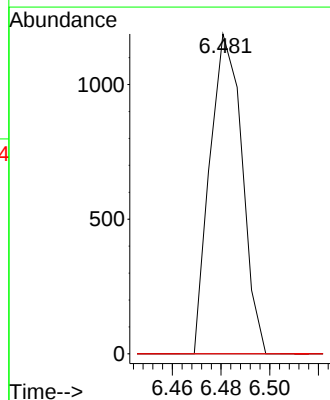
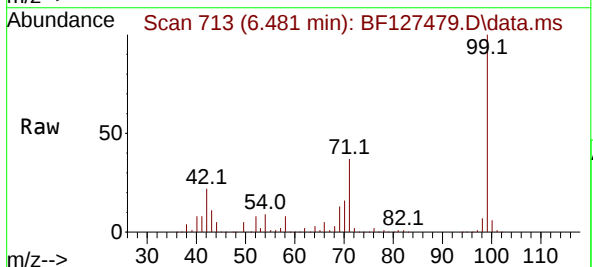
Instrument :
BNA_F
ClientSampleId :
WC-2-(10-10.5)

Tgt Ion: 99 Resp: 709651
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 36.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

Tgt Ion: 77 Resp: 1092
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: 13.930 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127479.D

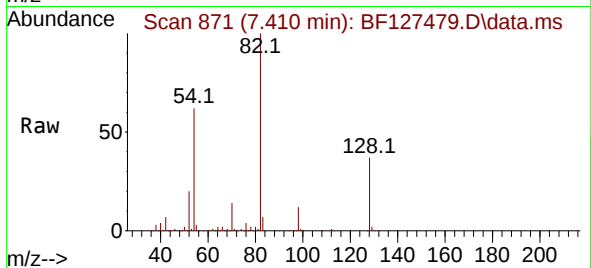
Acq: 23 Mar 2022 14:34

Instrument :

BNA_F

ClientSampleId :

WC-2-(10-10.5)



Tgt Ion: 70 Resp: 64673

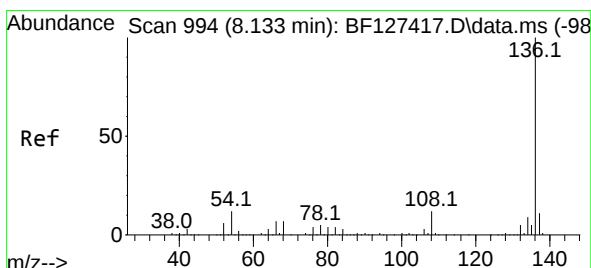
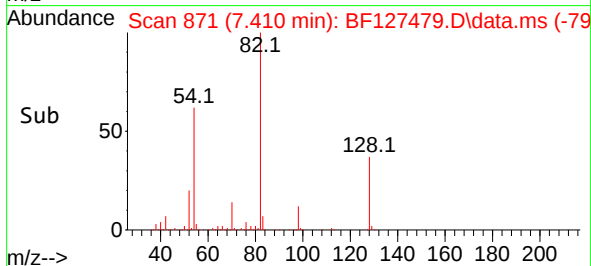
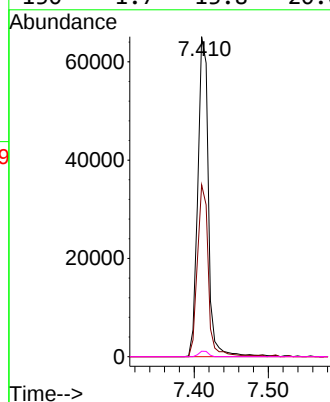
Ion Ratio Lower Upper

70 100

42 53.7 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: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

Tgt Ion: 136 Resp: 328936

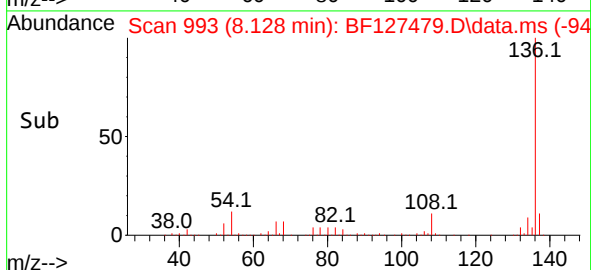
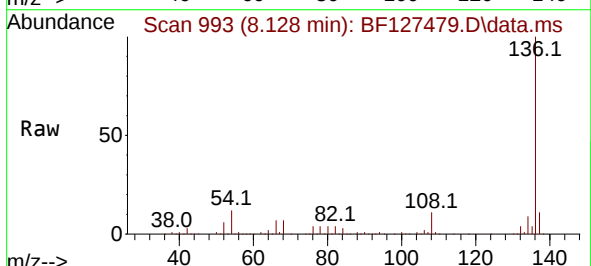
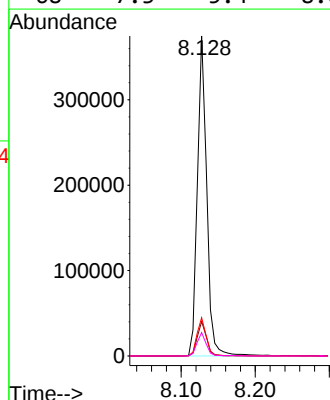
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 11.9 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 62.224 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

Instrument :

BNA_F

ClientSampleId :

WC-2-(10-10.5)

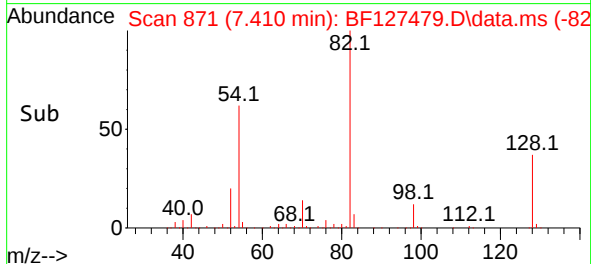
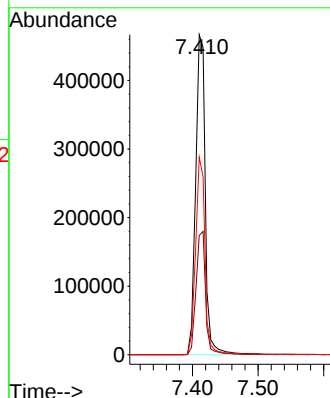
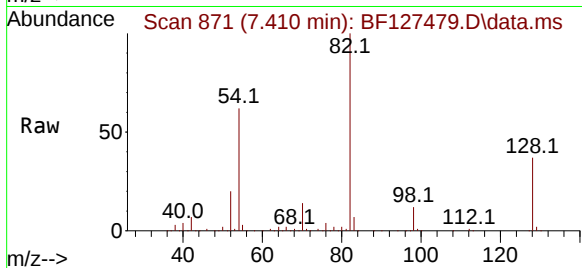
Tgt Ion: 82 Resp: 478822

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 61.7 48.2 72.2



#25

Isophorone

Concen: 39.067 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.265 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

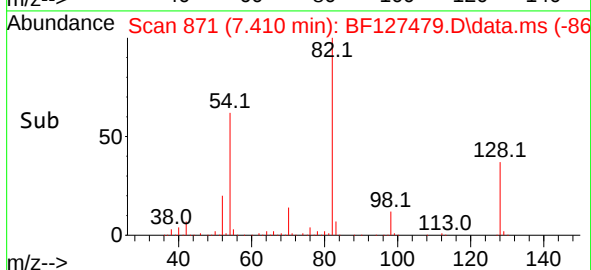
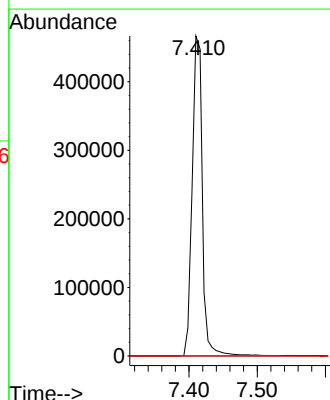
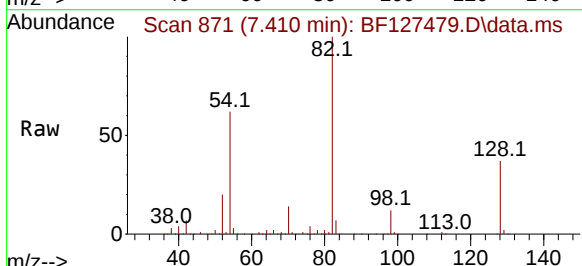
Tgt Ion: 82 Resp: 478818

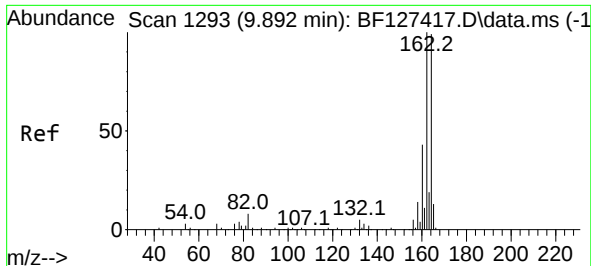
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

Instrument :

BNA_F

ClientSampleId :

WC-2-(10-10.5)

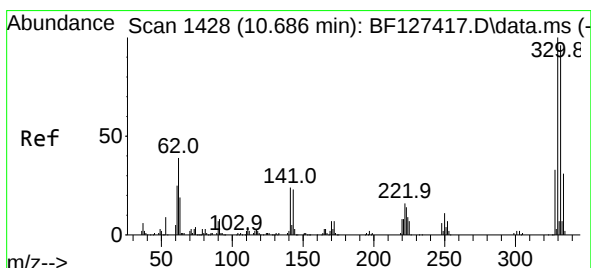
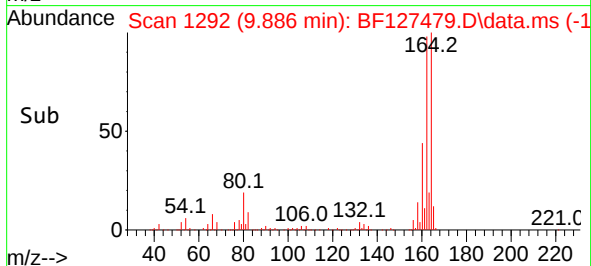
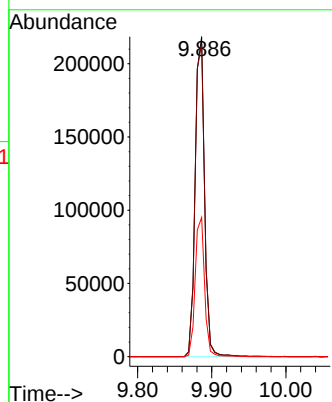
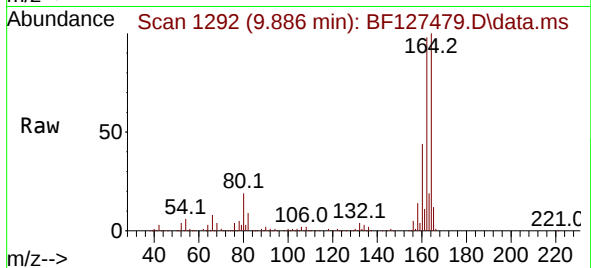
Tgt Ion:164 Resp: 192125

Ion Ratio Lower Upper

164 100

162 97.7 81.2 121.8

160 43.5 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 81.605 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

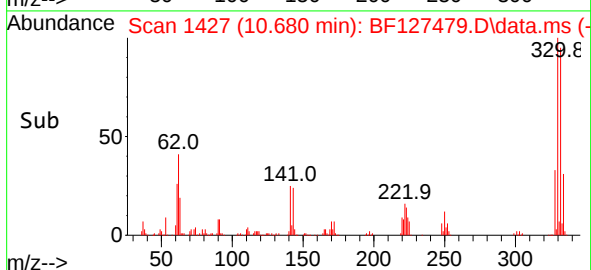
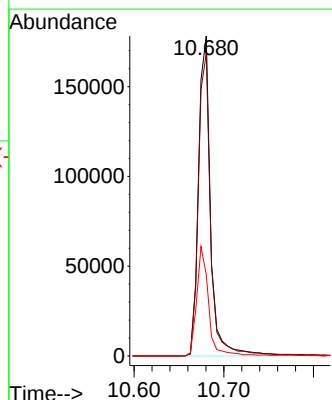
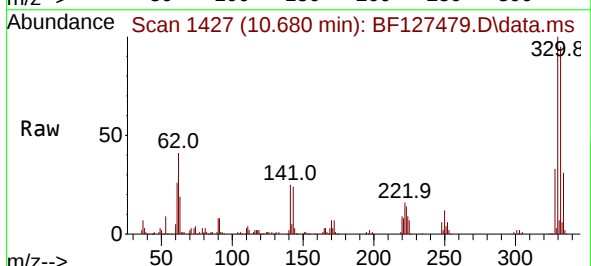
Tgt Ion:330 Resp: 167015

Ion Ratio Lower Upper

330 100

332 96.2 79.1 118.7

141 33.6 26.2 39.4

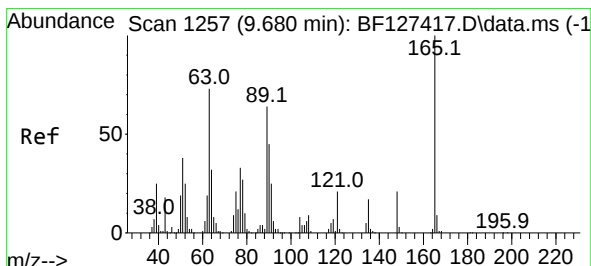
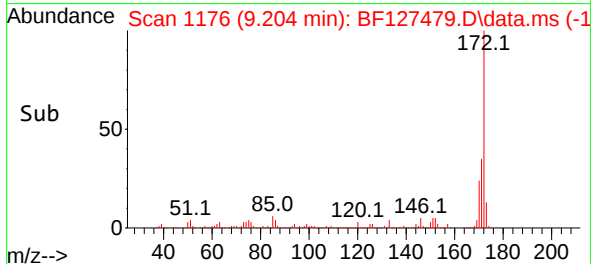
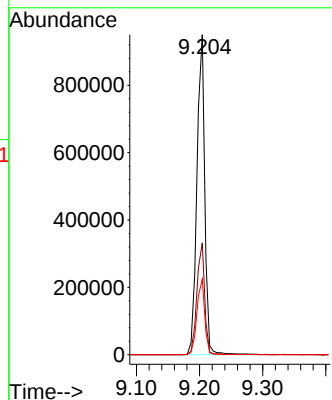
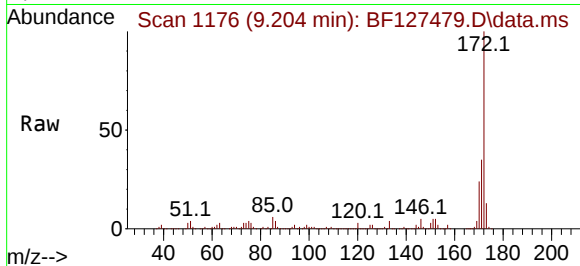




#45
2-Fluorobiphenyl
Concen: 62.177 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

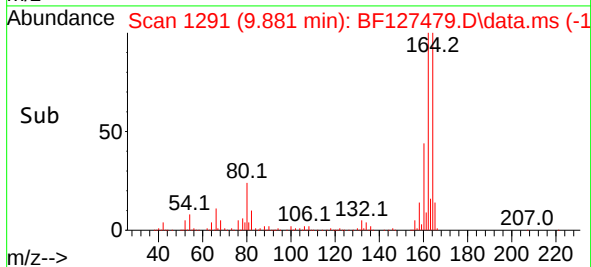
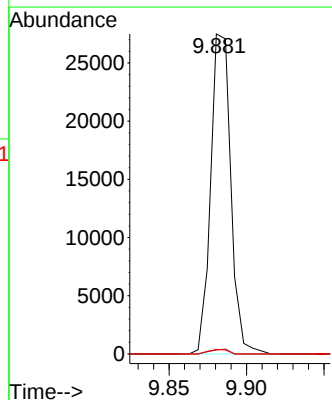
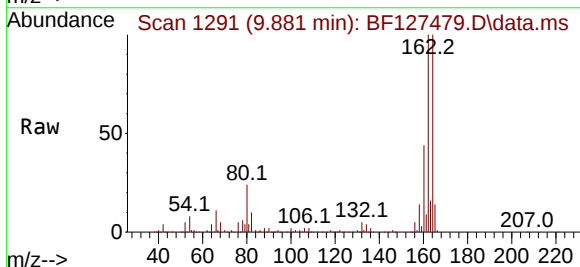
Instrument :
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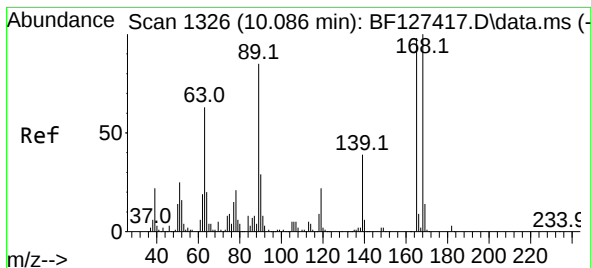
Tgt Ion:172 Resp: 818072
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.866 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

Tgt Ion:165 Resp: 24874
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.4 51.5 77.3#

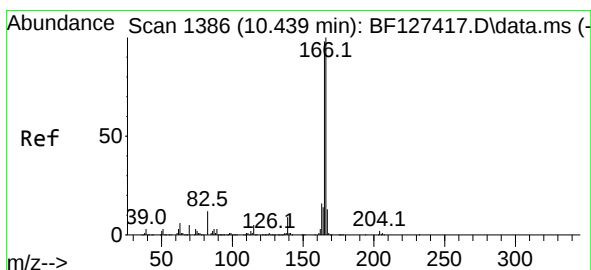
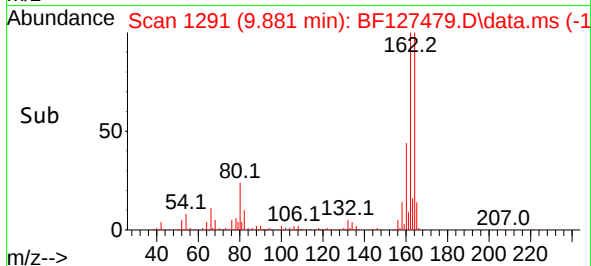
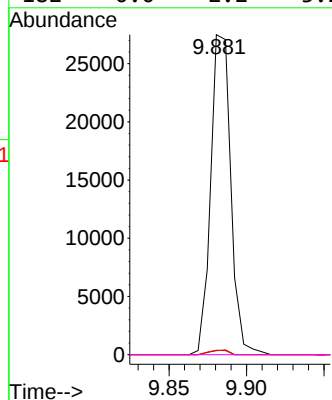
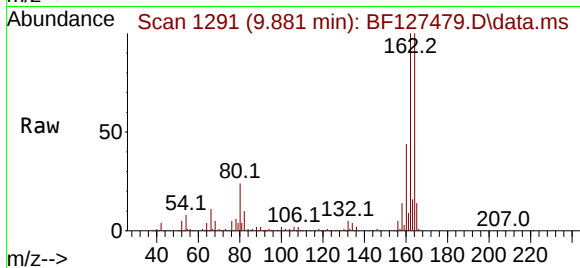




#57
2,4-Dinitrotoluene
Concen: 6.888 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.205 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

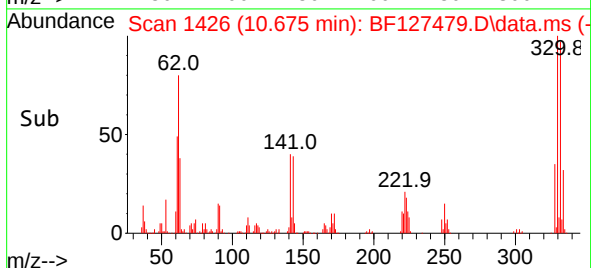
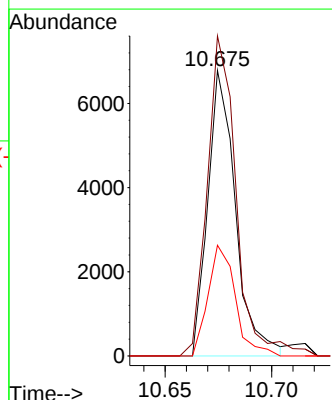
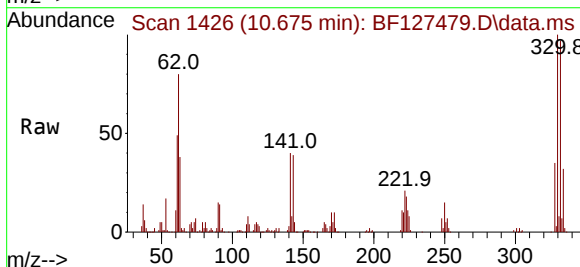
Instrument :
BNA_F
ClientSampleId :
WC-2-(10-10.5)

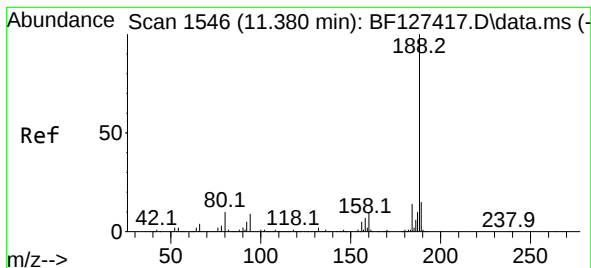
Tgt Ion:	165	Resp:	24874
Ion	Ratio	Lower	Upper
165	100		
63	1.3	53.1	79.7#
89	1.4	69.2	103.8#
182	0.0	2.2	3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.675 min Scan# 1426
Delta R.T. 0.236 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

Tgt Ion:	166	Resp:	6136
Ion	Ratio	Lower	Upper
166	100		
165	112.1	78.1	117.1
167	38.8	10.5	15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

Instrument :

BNA_F

ClientSampleId :

WC-2-(10-10.5)

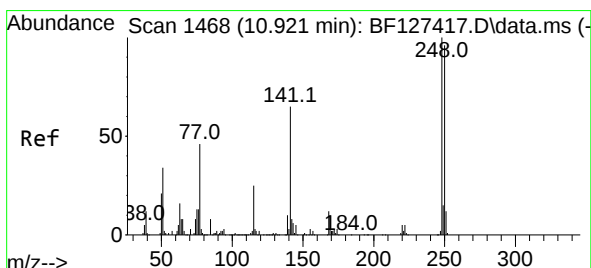
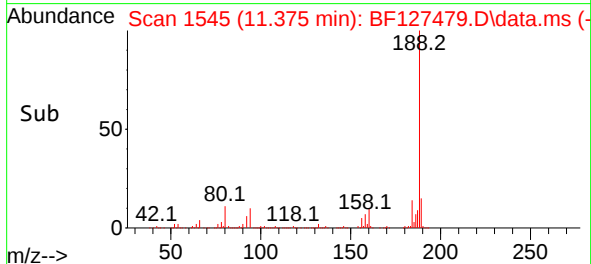
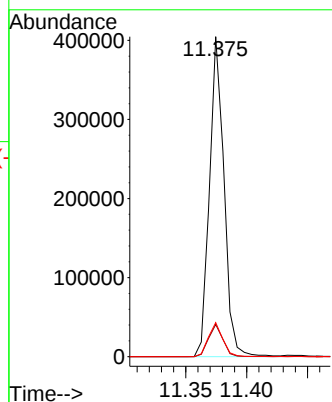
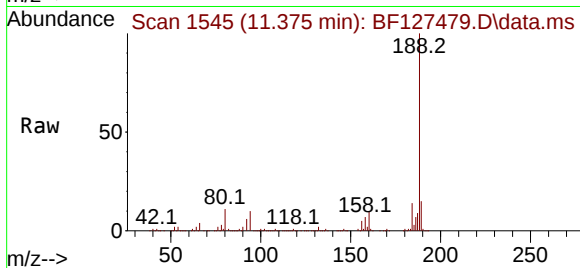
Tgt Ion:188 Resp: 335814

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.0

80 10.7 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 2.839 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF127479.D

Acq: 23 Mar 2022 14:34

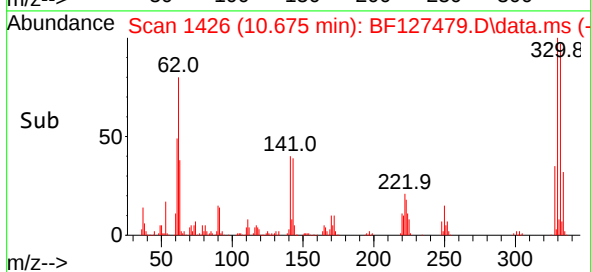
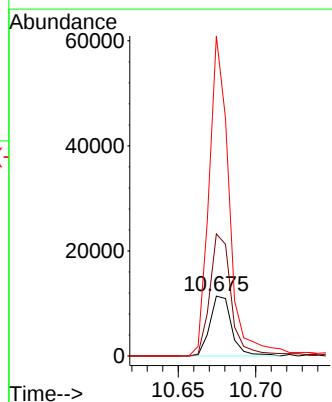
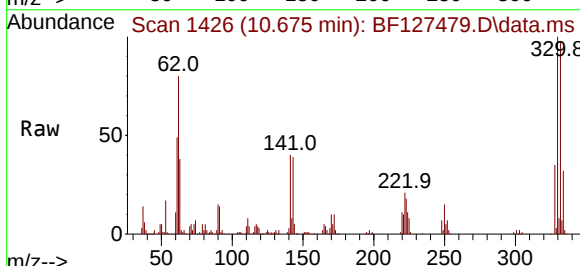
Tgt Ion:248 Resp: 11131

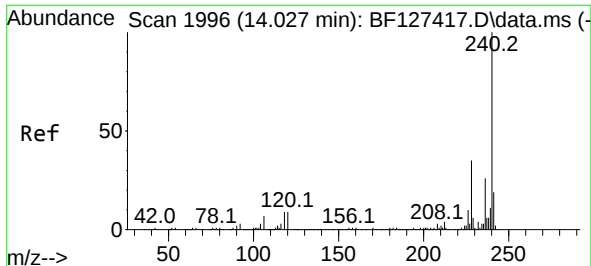
Ion Ratio Lower Upper

248 100

250 204.1 76.6 115.0#

141 534.6 52.2 78.2#

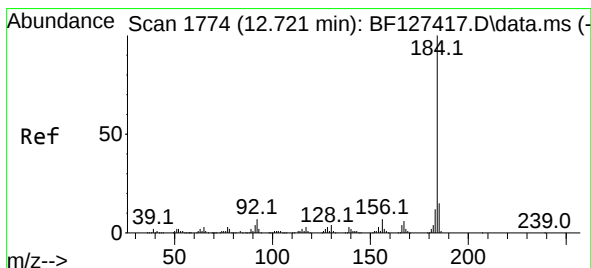
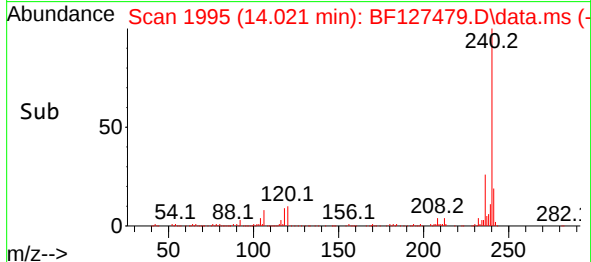
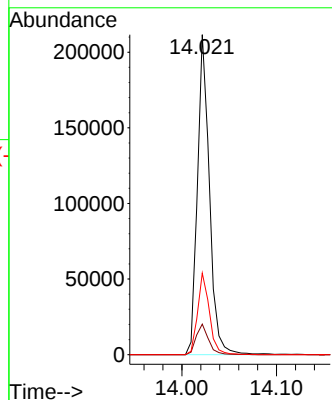
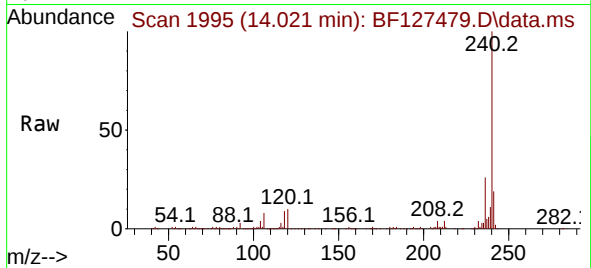




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

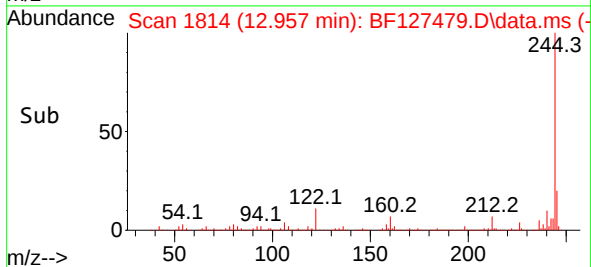
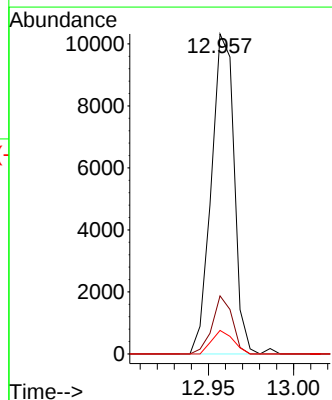
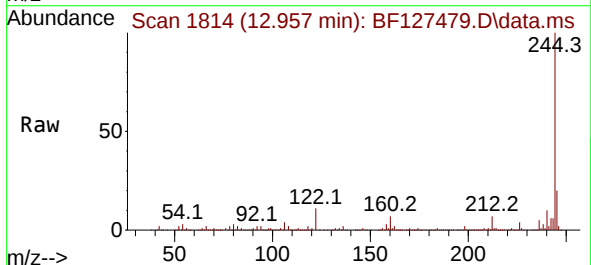
Instrument :
BNA_F
ClientSampleId :
WC-2-(10-10.5)

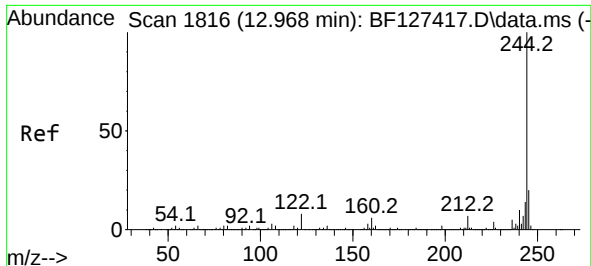
Tgt Ion:240 Resp: 187124
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 25.5 20.7 31.1



#77
Benzidine
Concen: 2.164 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.235 min
Lab File: BF127479.D
Acq: 23 Mar 2022 14:34

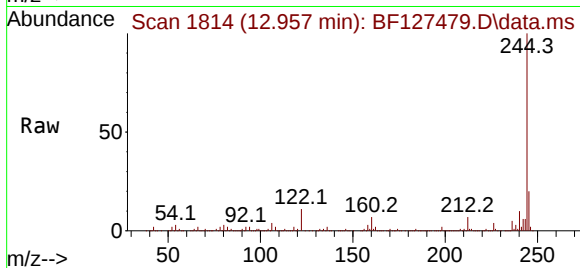
Tgt Ion:184 Resp: 9654
Ion Ratio Lower Upper
184 100
185 18.2 12.2 18.2
183 7.4 9.4 14.0#



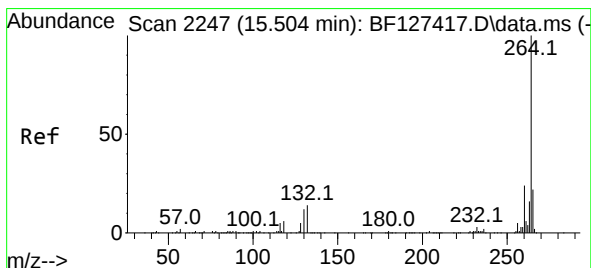
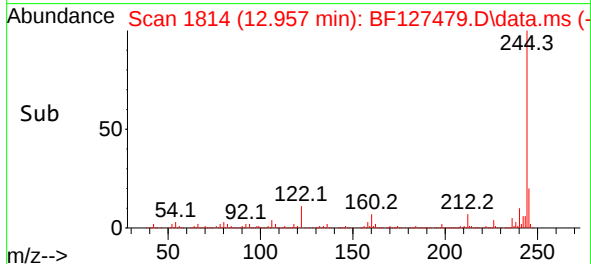
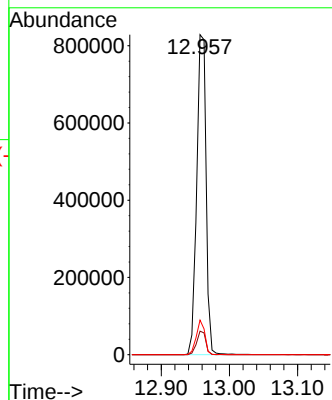


#79
 Terphenyl-d14
 Concen: 68.773 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF127479.D
 Acq: 23 Mar 2022 14:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-(10-10.5)



Tgt Ion:244 Resp: 786131
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.8 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: BF127479.D
 Acq: 23 Mar 2022 14:34

Tgt Ion:264 Resp: 186115
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.6 17.4 26.2

