

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127477.D
 Acq On : 23 Mar 2022 13:36
 Operator : CG\JU
 Sample : N2062-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Mar 24 02:11:51 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)

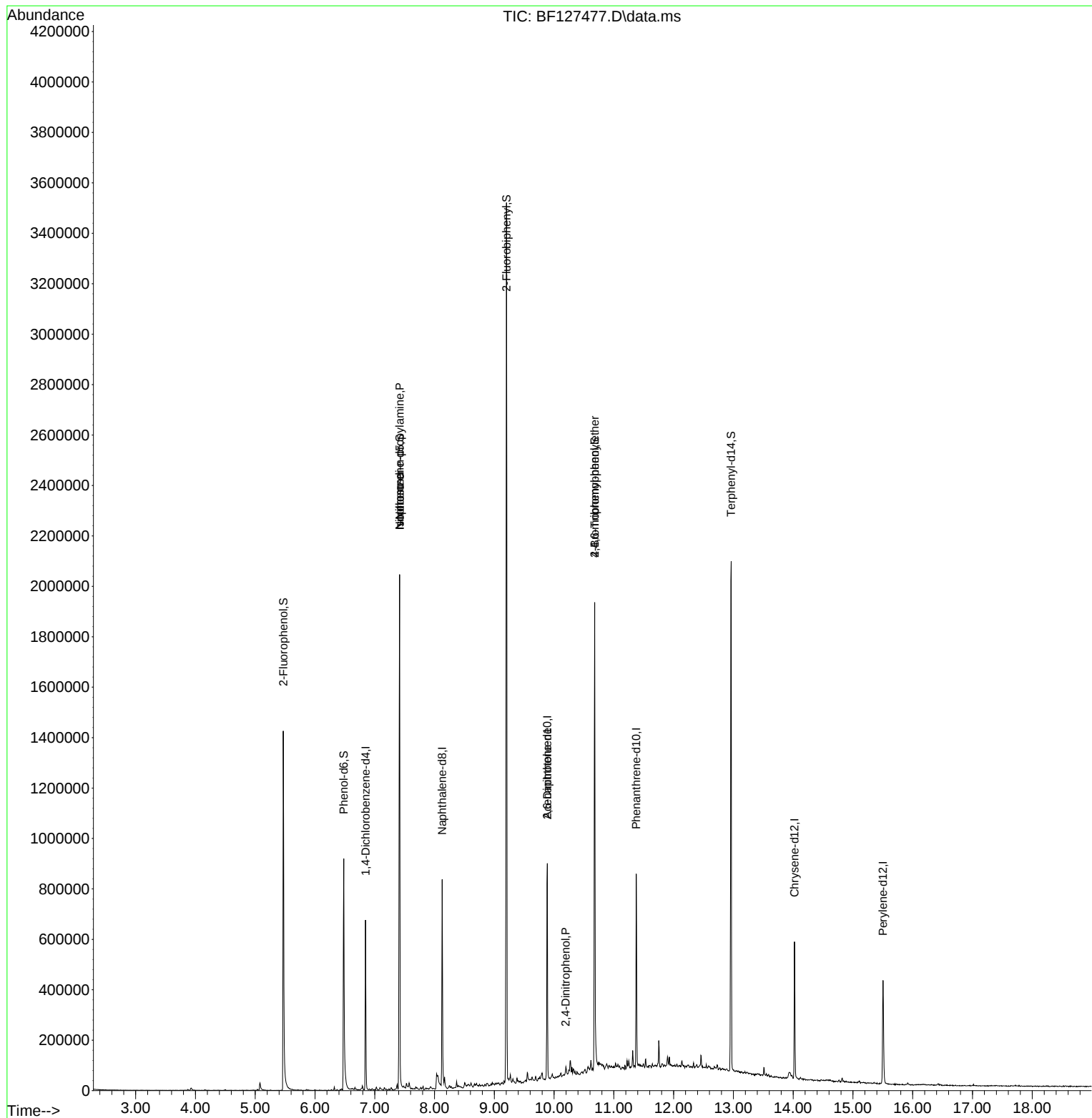
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	83858	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	304852	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169331	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	260061	20.000	ng	0.00
76) Chrysene-d12	14.021	240	178020	20.000	ng	0.00
86) Perylene-d12	15.504	264	187564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	362921	69.081	ng	0.00
7) Phenol-d6	6.481	99	305785	42.581	ng	0.00
23) Nitrobenzene-d5	7.416	82	658647	92.354	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	226566	125.604	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1083772	93.459	ng	0.00
79) Terphenyl-d14	12.963	244	737527	67.821	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	572	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	90881	21.113	ng	# 80
25) Isophorone	7.416	82	658642	57.985	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	22720	9.188	ng	# 18
54) 2,4-Dinitrophenol	10.192	184	115	8.782	ng	# 1
55) Dibenzofuran	10.092	168	236	Below Cal	#	1
58) Fluorene	10.439	166	373	Below Cal	#	46
67) 4-Bromophenyl-phenylether	10.680	248	14504	4.777	ng	# 1

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

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Quant Time: Mar 24 02:11:51 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

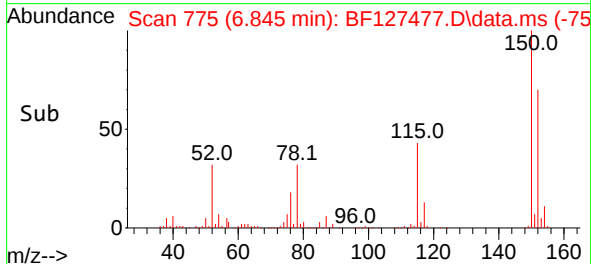
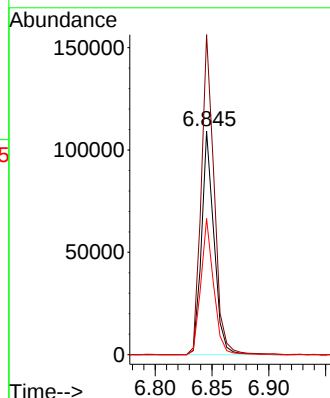
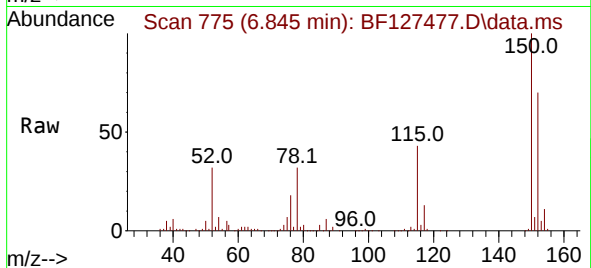




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

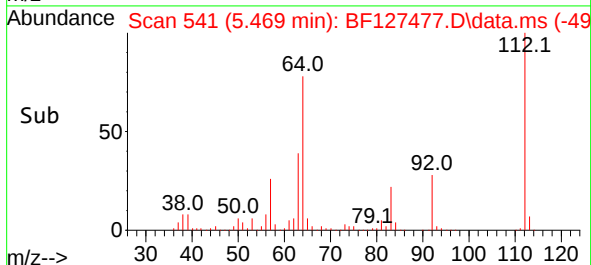
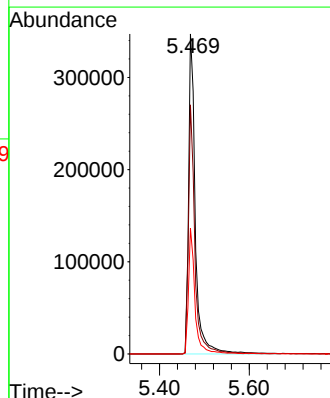
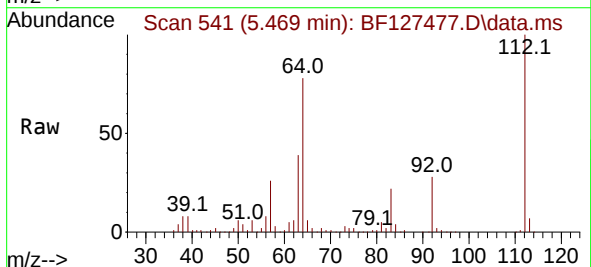
Instrument :
BNA_F
ClientSampleId :
MW-6

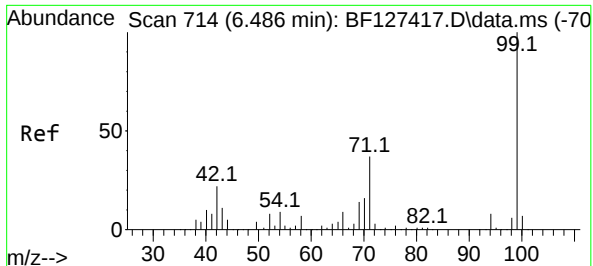
Tgt Ion:152 Resp: 83858
Ion Ratio Lower Upper
152 100
150 143.2 117.2 175.8
115 61.0 49.8 74.6



#5
2-Fluorophenol
Concen: 69.081 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion:112 Resp: 362921
Ion Ratio Lower Upper
112 100
64 77.8 58.4 87.6
63 39.3 30.1 45.1

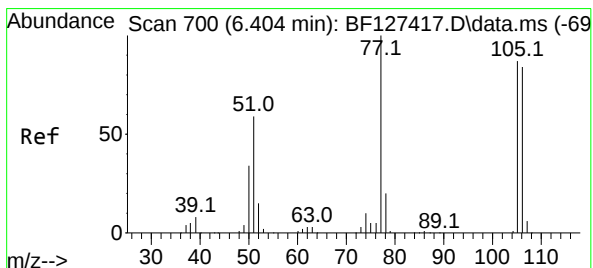
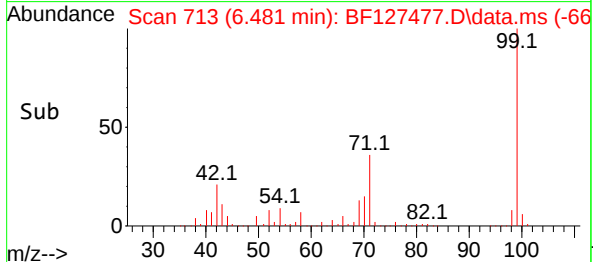
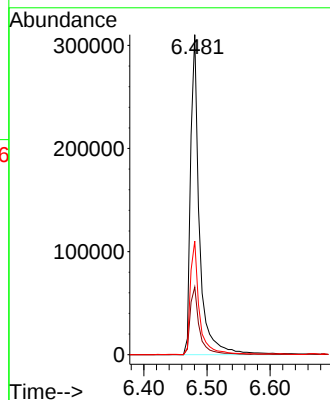
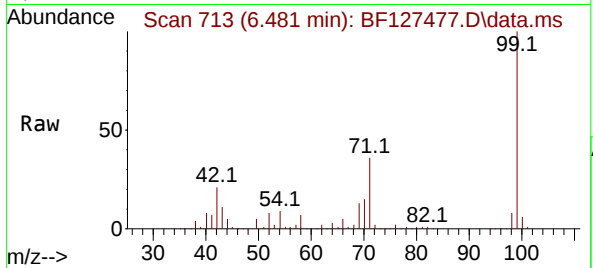




#7
Phenol-d6
Concen: 42.581 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

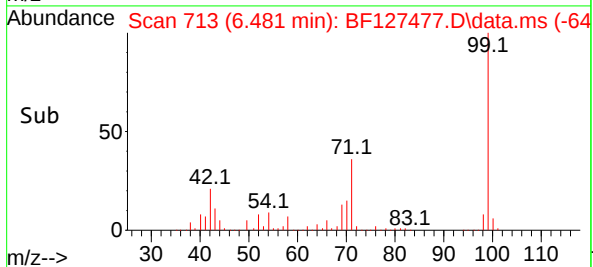
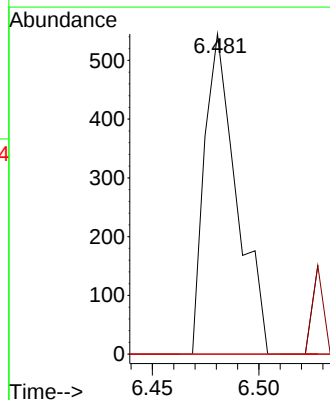
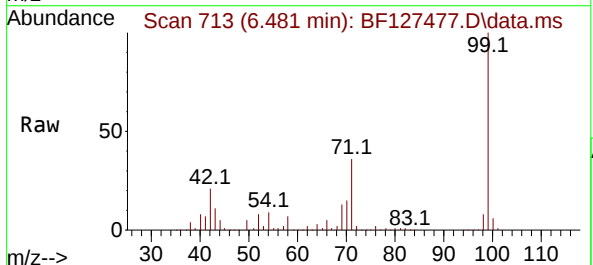
Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 305785
Ion Ratio Lower Upper
99 100
42 21.2 17.8 26.6
71 35.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion: 77 Resp: 572
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: 21.113 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127477.D

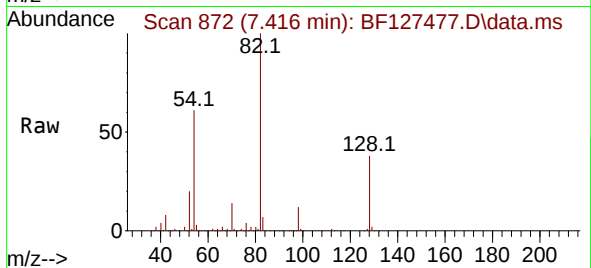
Acq: 23 Mar 2022 13:36

Instrument :

BNA_F

ClientSampleId :

MW-6



Tgt Ion: 70 Resp: 90881

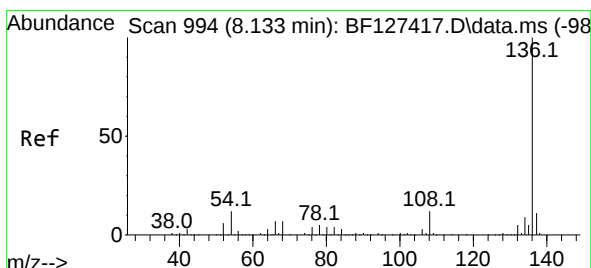
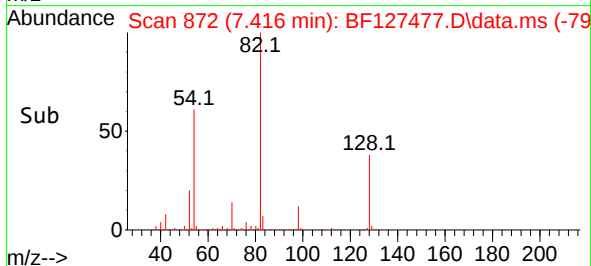
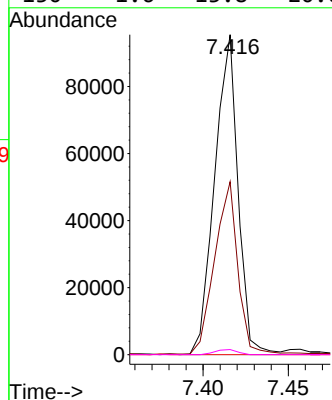
Ion Ratio Lower Upper

70 100

42 54.1 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: BF127477.D

Acq: 23 Mar 2022 13:36

Tgt Ion: 136 Resp: 304852

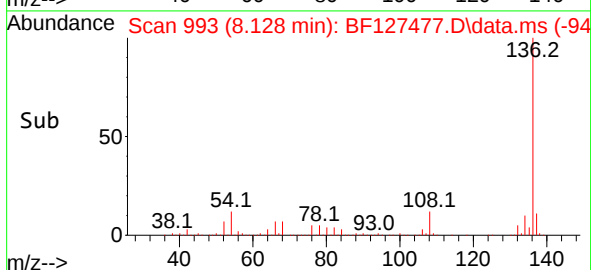
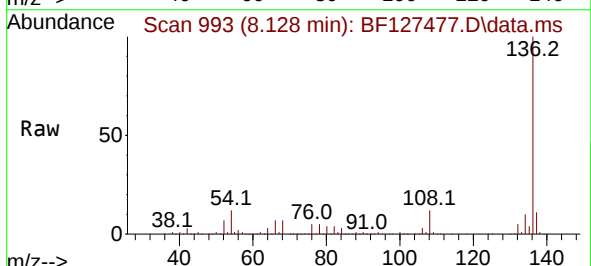
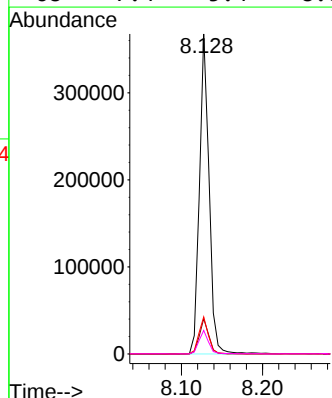
Ion Ratio Lower Upper

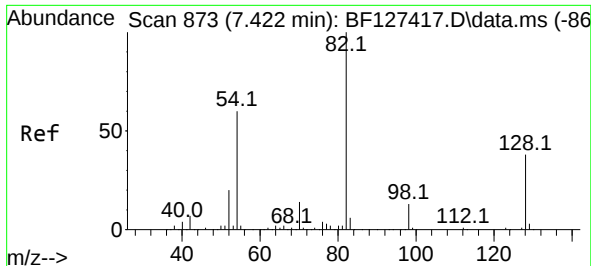
136 100

137 11.0 8.6 13.0

54 11.6 9.2 13.8

68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 92.354 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127477.D

Acq: 23 Mar 2022 13:36

Instrument :

BNA_F

ClientSampleId :

MW-6

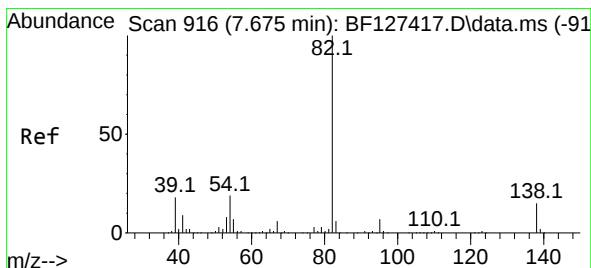
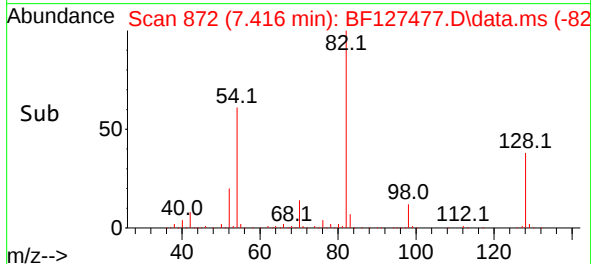
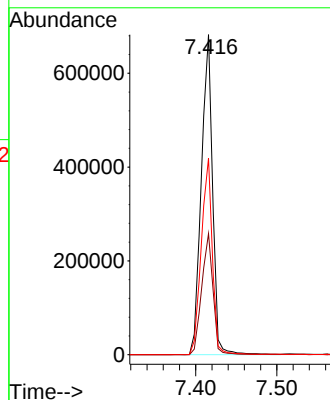
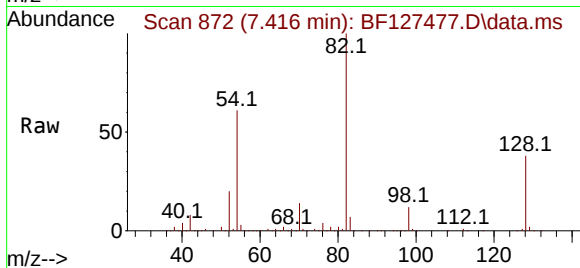
Tgt Ion: 82 Resp: 658647

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.4 48.2 72.2



#25

Isophorone

Concen: 57.985 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127477.D

Acq: 23 Mar 2022 13:36

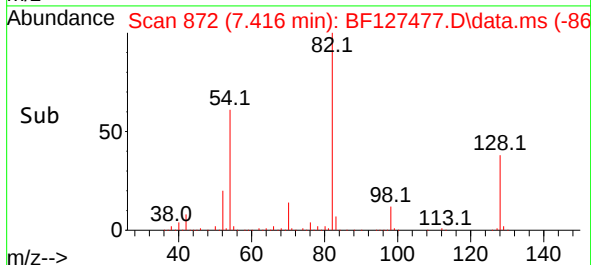
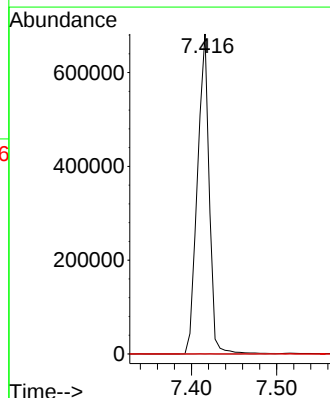
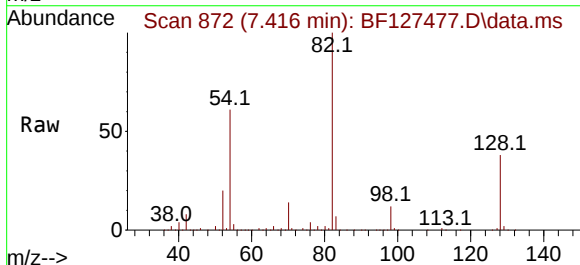
Tgt Ion: 82 Resp: 658642

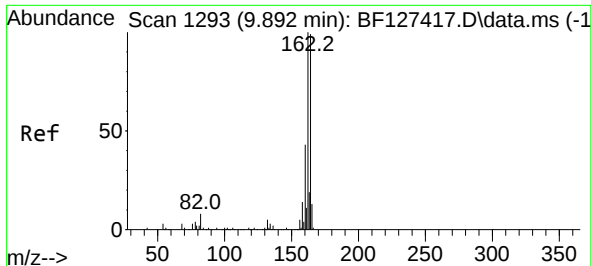
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

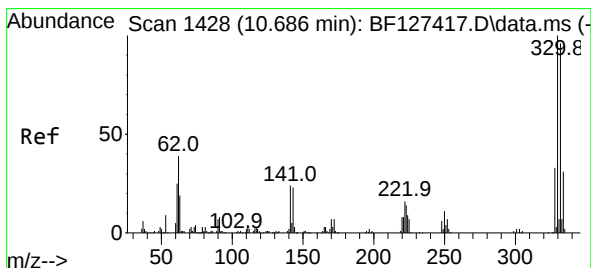
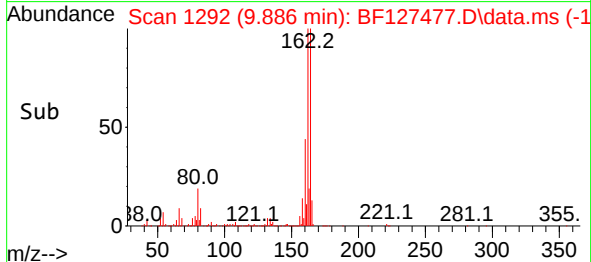
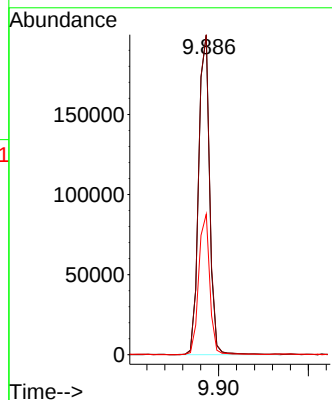
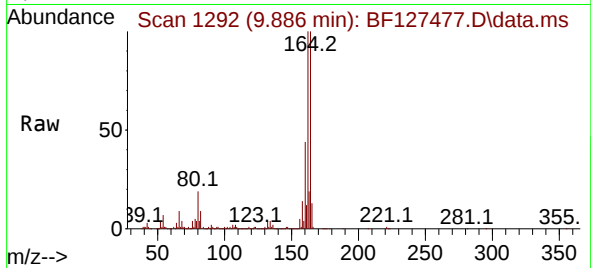




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

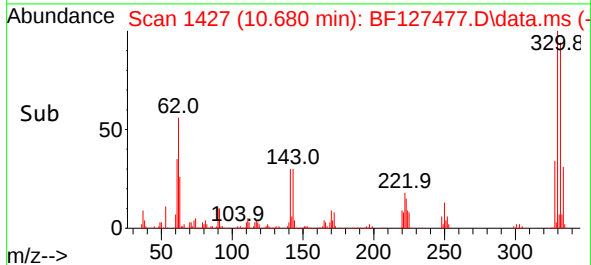
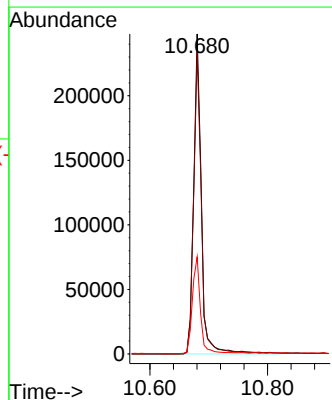
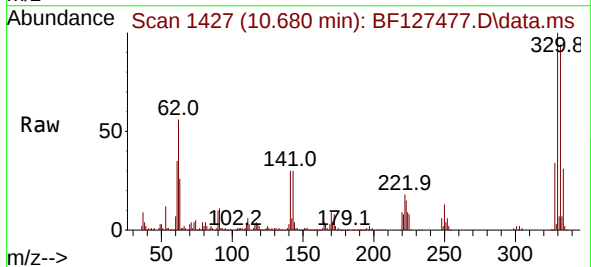
Instrument :
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MW-6

Tgt Ion:164 Resp: 169331
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 44.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 125.604 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion:330 Resp: 226566
Ion Ratio Lower Upper
330 100
332 94.5 79.1 118.7
141 33.1 26.2 39.4

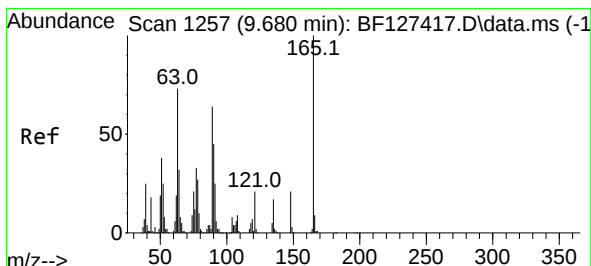
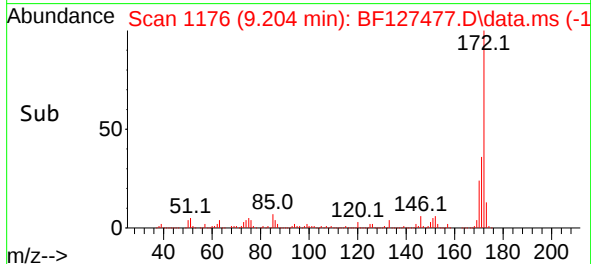
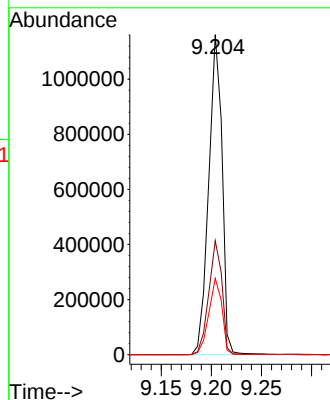
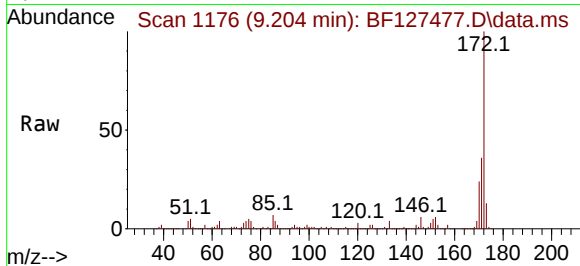




#45
2-Fluorobiphenyl
Concen: 93.459 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

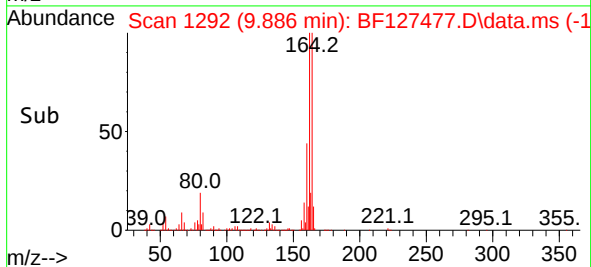
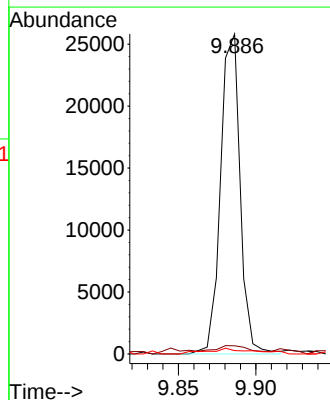
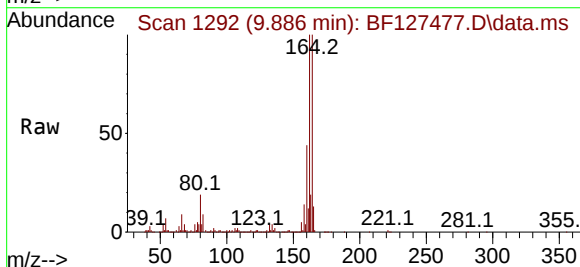
Instrument :
BNA_F
ClientSampleId :
MW-6

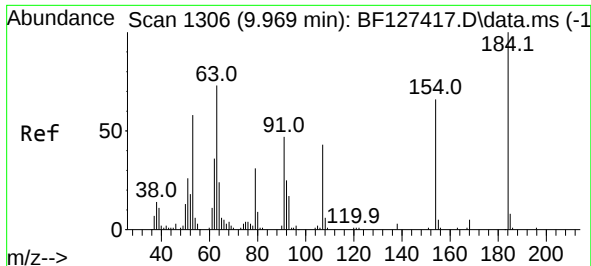
Tgt Ion:172 Resp: 1083772
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.188 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion:165 Resp: 22720
Ion Ratio Lower Upper
165 100
63 2.5 58.3 87.5#
89 1.1 51.5 77.3#

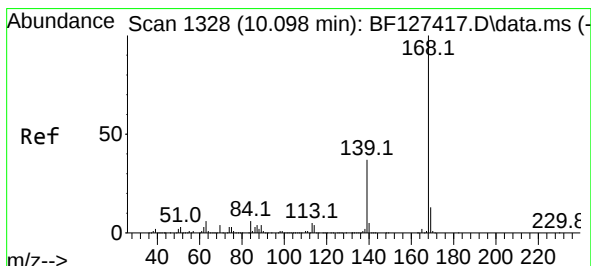
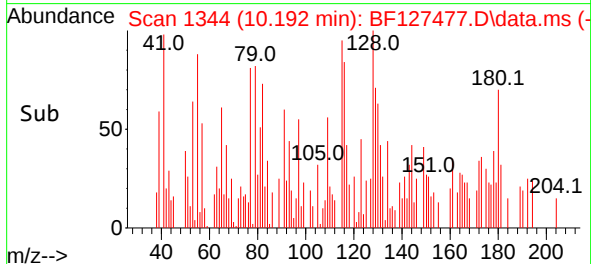
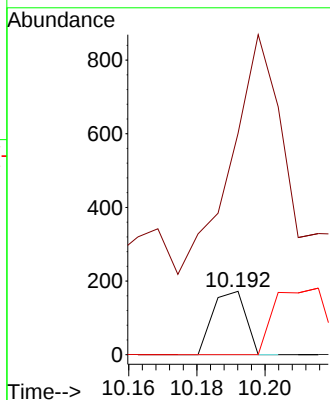
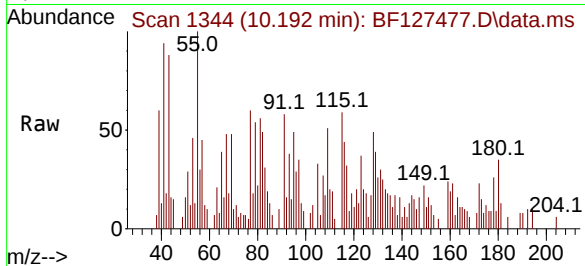




#54
2,4-Dinitrophenol
Concen: 8.782 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

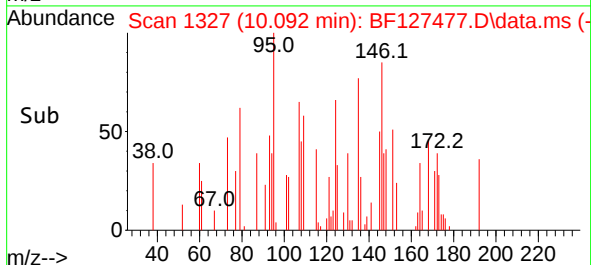
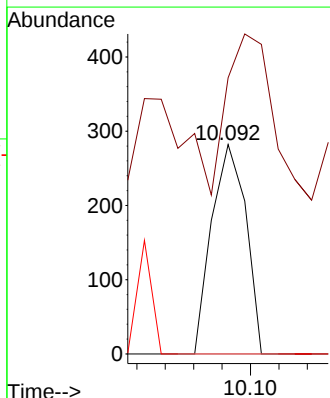
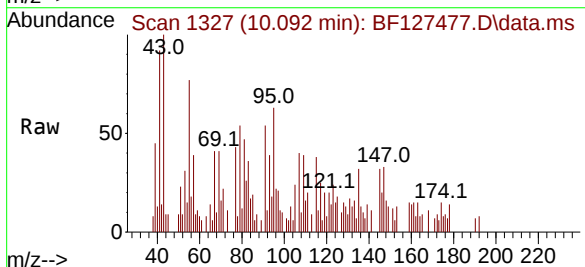
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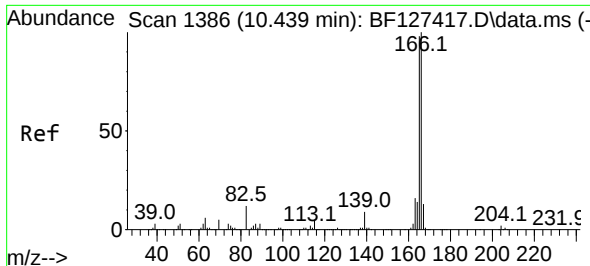
Tgt Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 349.4 58.1 87.1#
154 0.0 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion:168 Resp: 236
Ion Ratio Lower Upper
168 100
139 131.9 30.3 45.5#
169 0.0 10.8 16.2#

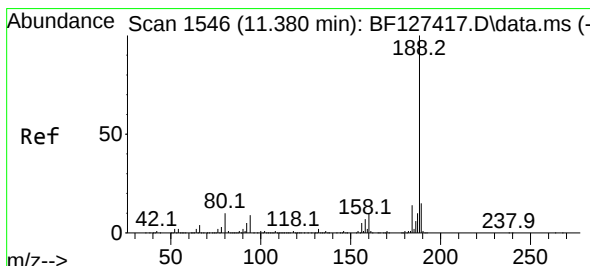
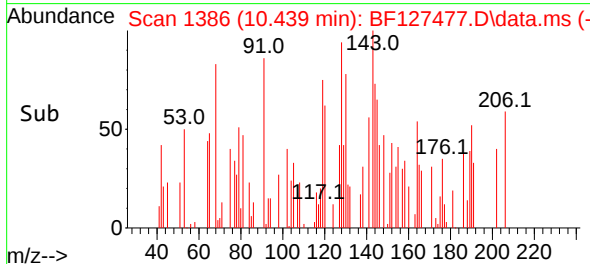
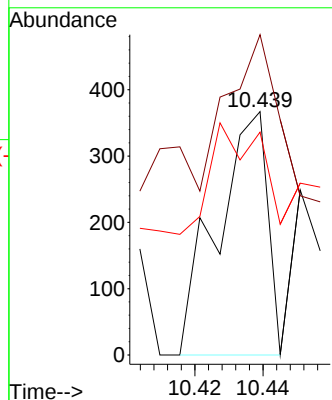
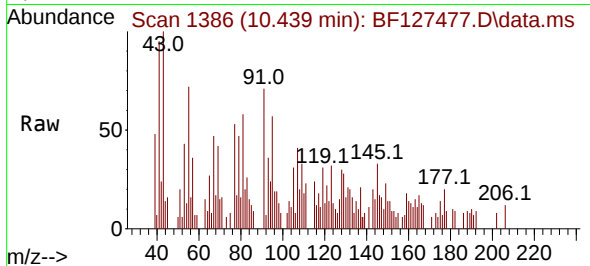




#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

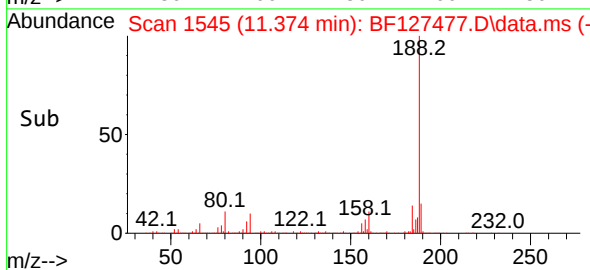
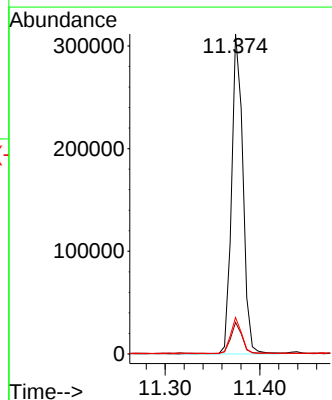
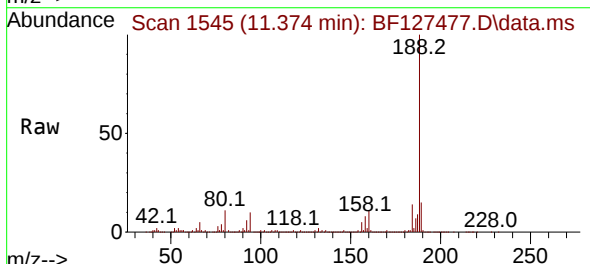
Instrument :
BNA_F
ClientSampleId :
MW-6

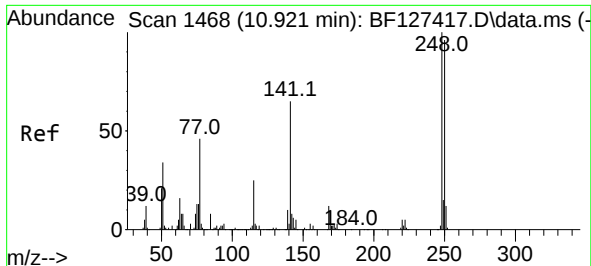
Tgt Ion:166 Resp: 373
Ion Ratio Lower Upper
166 100
165 131.6 78.1 117.1#
167 91.6 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion:188 Resp: 260061
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.4 8.0 12.0

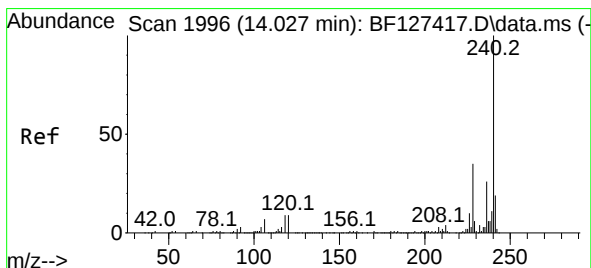
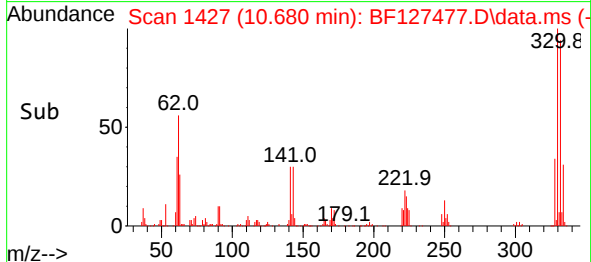
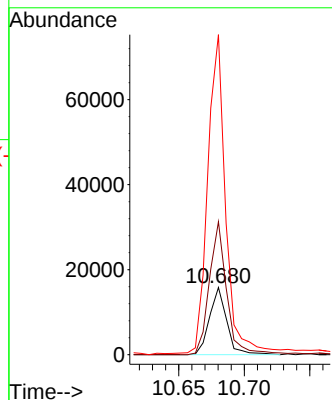
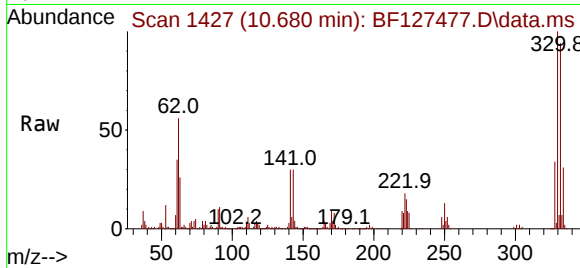




#67
4-Bromophenyl-phenylether
Concen: 4.777 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

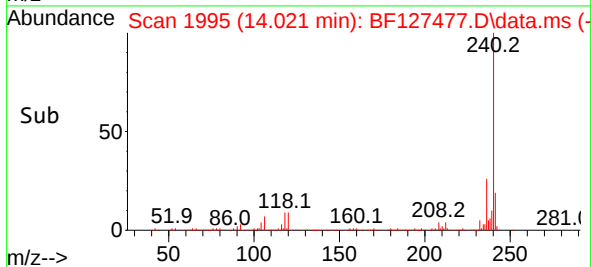
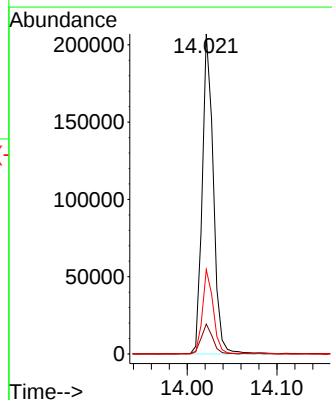
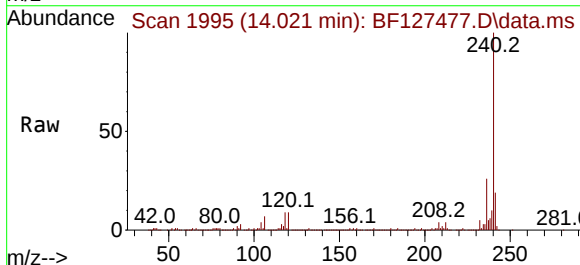
Instrument :
BNA_F
ClientSampleId :
MW-6

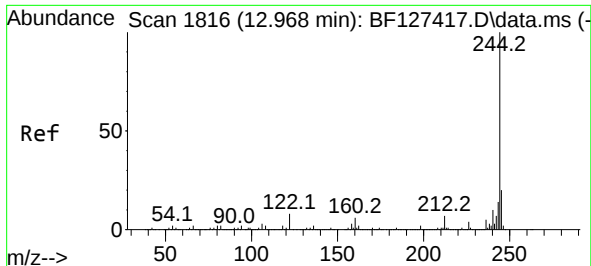
Tgt Ion:248 Resp: 14504
Ion Ratio Lower Upper
248 100
250 197.7 76.6 115.0#
141 475.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127477.D
Acq: 23 Mar 2022 13:36

Tgt Ion:240 Resp: 178020
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 26.4 20.7 31.1

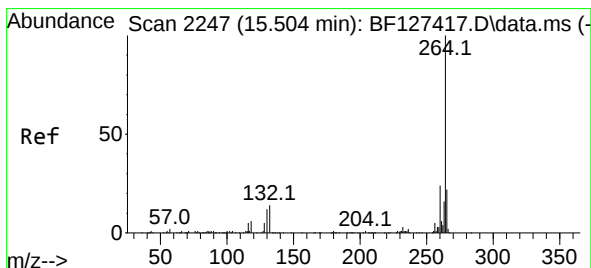
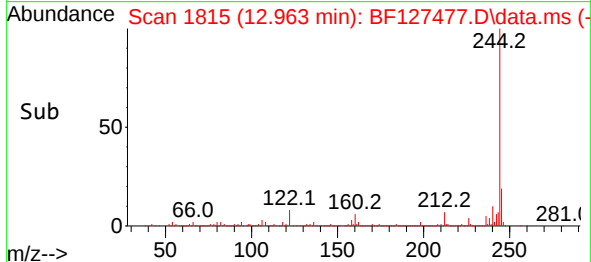
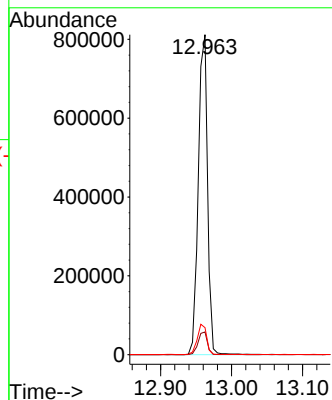
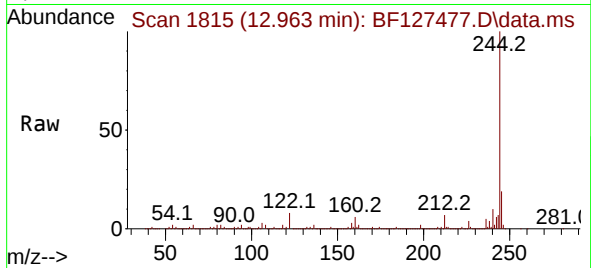




#79
 Terphenyl-d14
 Concen: 67.821 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127477.D
 Acq: 23 Mar 2022 13:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:244 Resp: 737527
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.4 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: BF127477.D
 Acq: 23 Mar 2022 13:36

Tgt Ion:264 Resp: 187564
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.6 17.4 26.2

