

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127497.D
 Acq On : 24 Mar 2022 12:33
 Operator : CG\JU
 Sample : N2060-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220321

Quant Time: Mar 24 15:20:49 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)

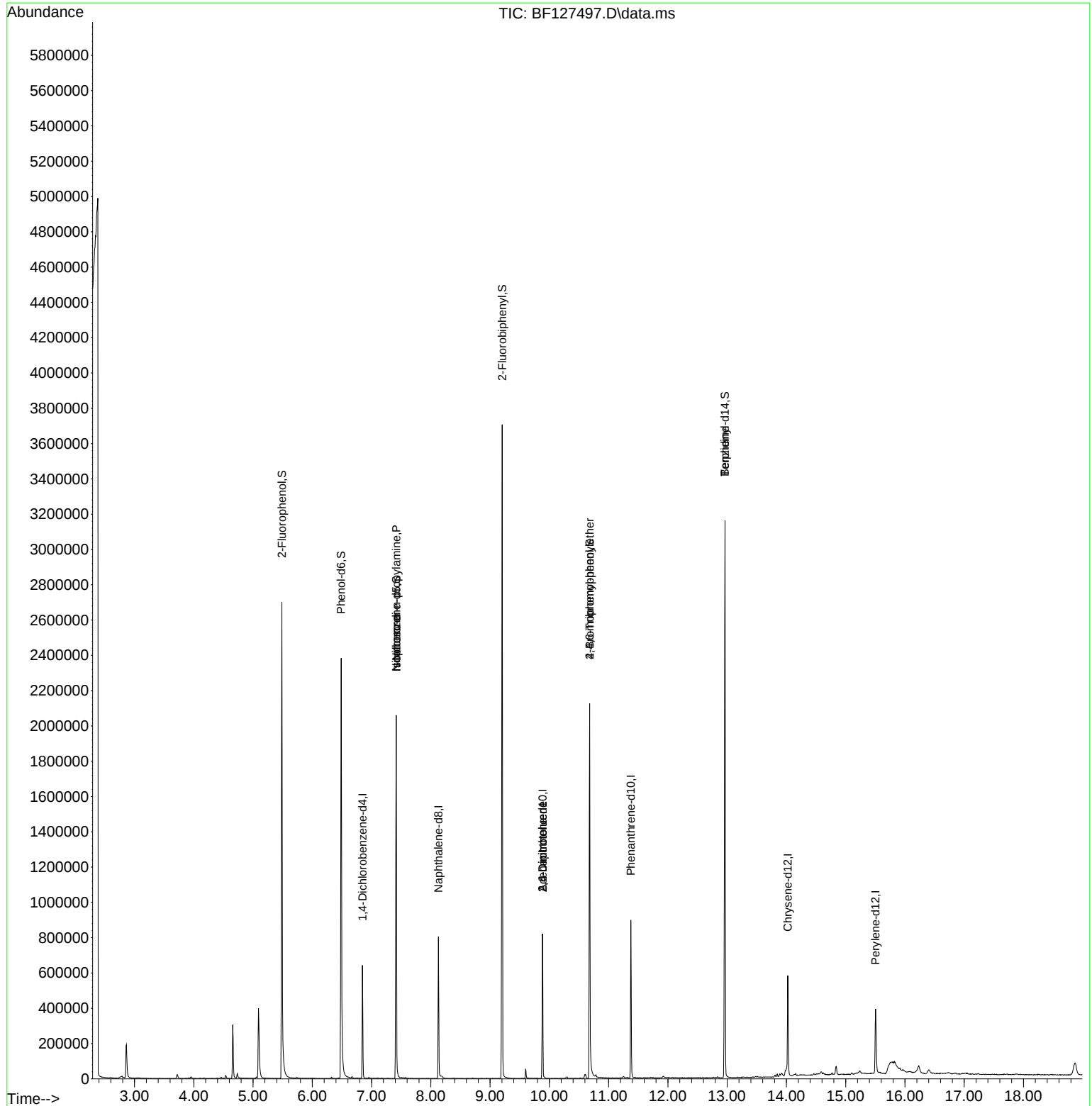
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	83149	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	308622	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	176269	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	311902	20.000	ng	0.00
76) Chrysene-d12	14.021	240	188794	20.000	ng	0.00
86) Perylene-d12	15.504	264	182940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	679789	130.500	ng	0.02
7) Phenol-d6	6.487	99	851276	119.554	ng	0.00
23) Nitrobenzene-d5	7.416	82	670504	92.868	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	252955	134.714	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1117669	92.589	ng	0.00
79) Terphenyl-d14	12.963	244	1129732	97.958	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1480	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	92215	21.605 ng	#	78
25) Isophorone	7.416	82	670500	58.308 ng	#	70
51) 2,6-Dinitrotoluene	9.886	165	22753	8.839 ng	#	17
55) Dibenzofuran	10.098	168	370	Below Cal	#	82
57) 2,4-Dinitrotoluene	9.886	165	22753	6.867 ng	#	14
58) Fluorene	10.439	166	466	Below Cal	#	72
67) 4-Bromophenyl-phenylether	10.681	248	17169	4.715 ng	#	1
77) Benzidine	12.963	184	14746	3.276 ng	#	96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

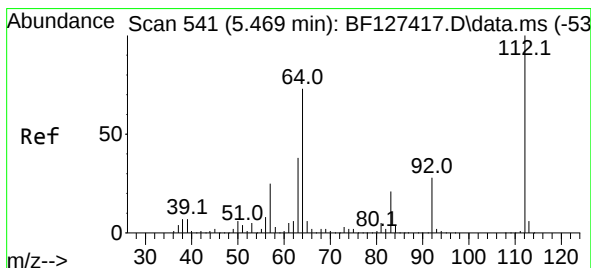
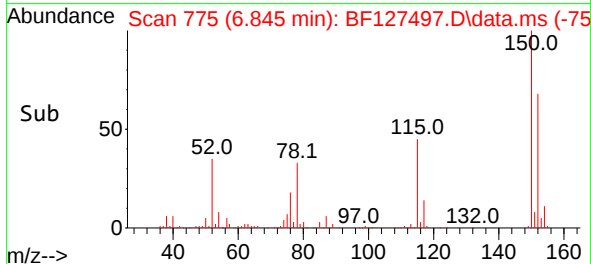
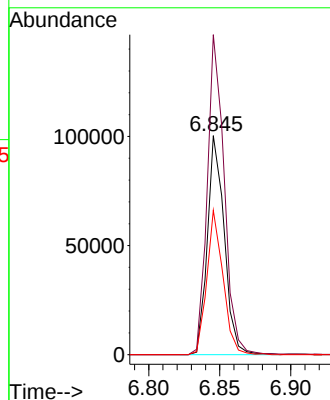
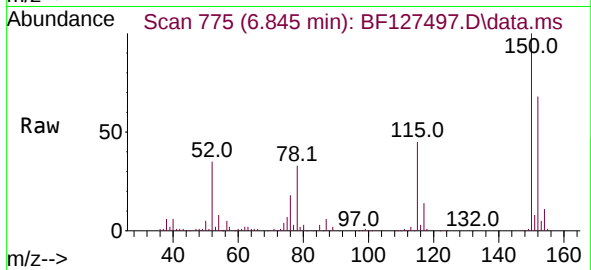




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

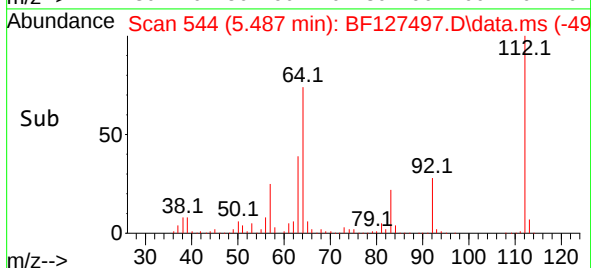
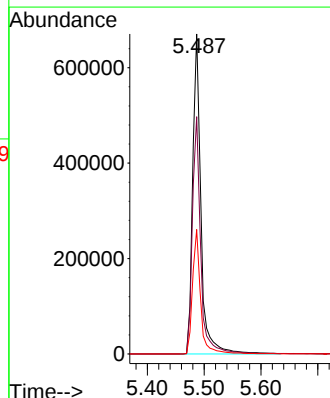
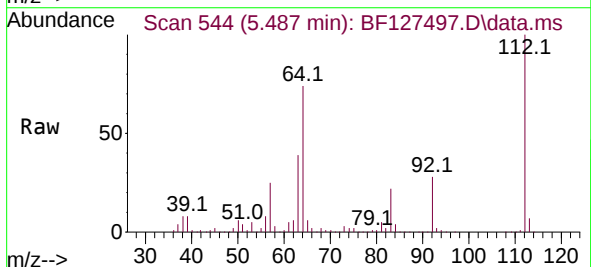
Instrument :
BNA_F
ClientSampleId :
WC-20220321

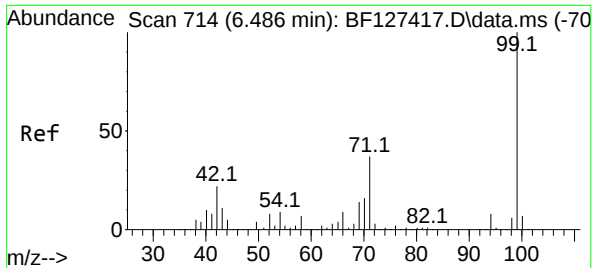
Tgt Ion:152 Resp: 83149
Ion Ratio Lower Upper
152 100
150 146.1 117.2 175.8
115 65.9 49.8 74.6



#5
2-Fluorophenol
Concen: 130.500 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:112 Resp: 679789
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 38.9 30.1 45.1

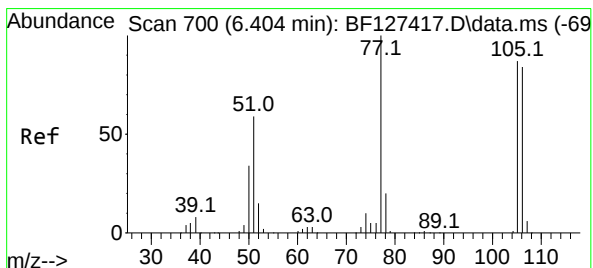
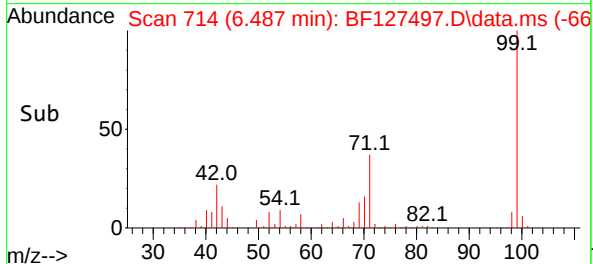
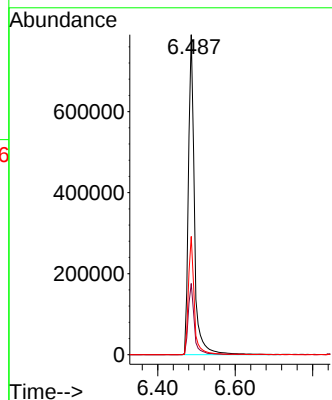
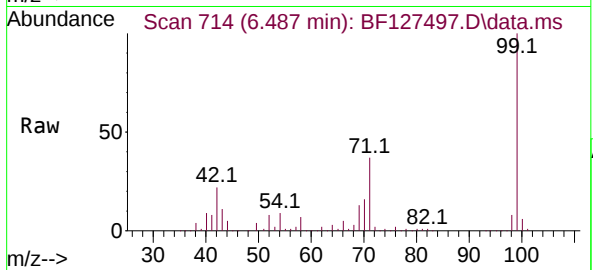




#7
Phenol-d6
Concen: 119.554 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

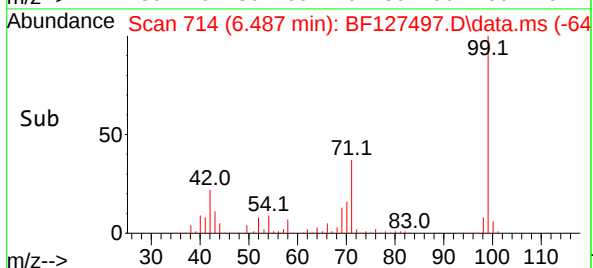
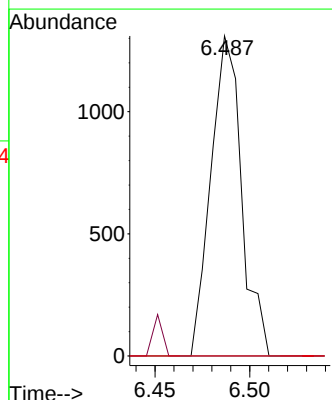
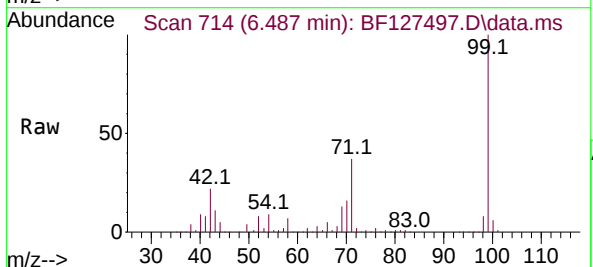
Instrument :
BNA_F
ClientSampleId :
WC-20220321

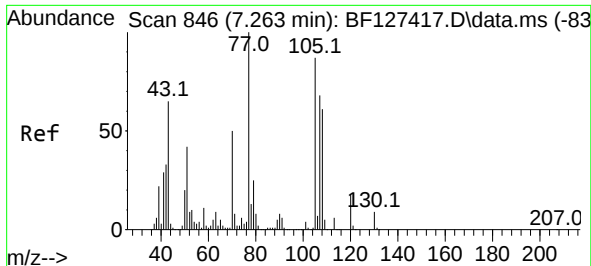
Tgt Ion: 99 Resp: 851276
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 36.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 77 Resp: 1480
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

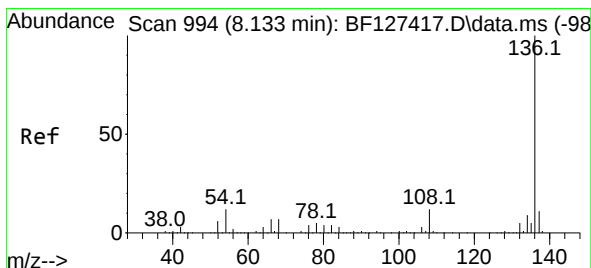
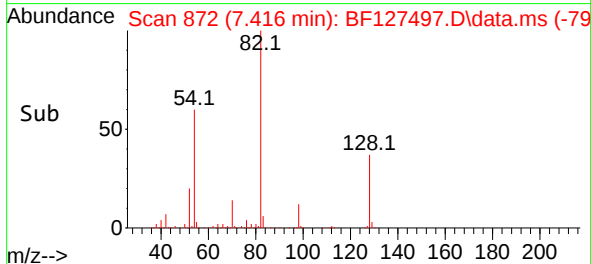
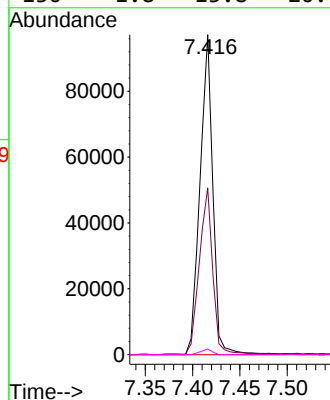
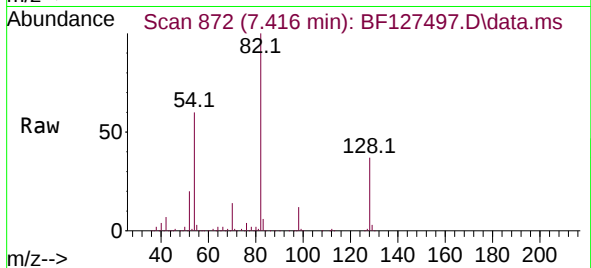




#19
n-Nitroso-di-n-propylamine
Concen: 21.605 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

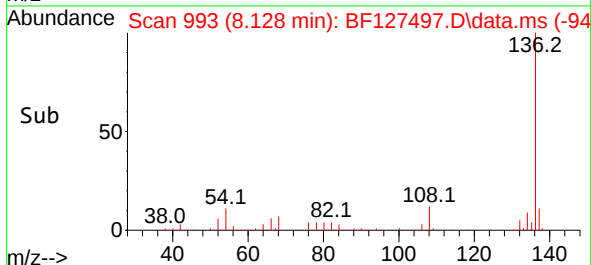
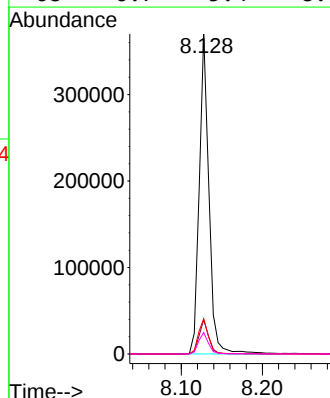
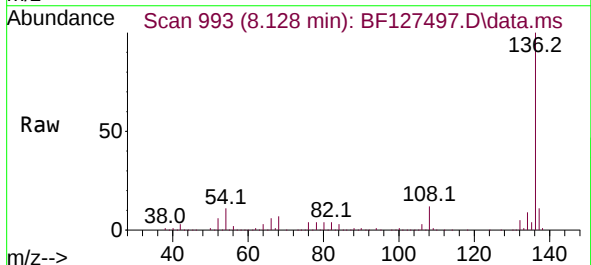
Instrument :
BNA_F
ClientSampleId :
WC-20220321

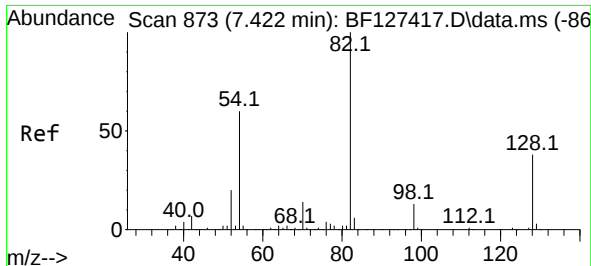
Tgt Ion: 70 Resp: 92215
Ion Ratio Lower Upper
70 100
42 52.2 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:136 Resp: 308622
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.1 9.2 13.8
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 92.868 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127497.D

Acq: 24 Mar 2022 12:33

Instrument :

BNA_F

ClientSampleId :

WC-20220321

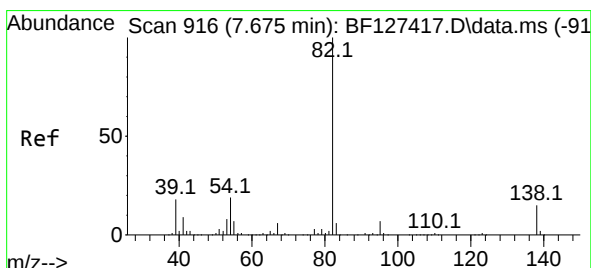
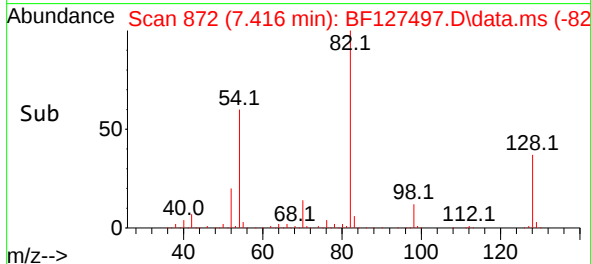
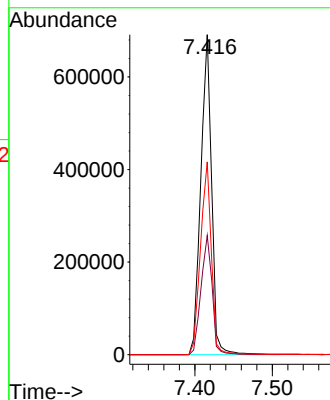
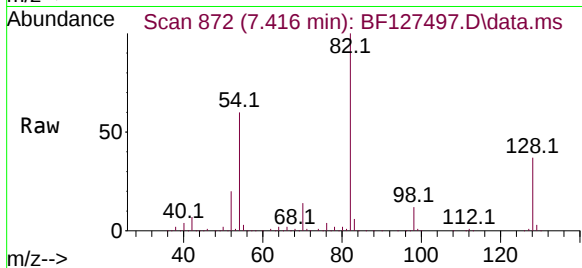
Tgt Ion: 82 Resp: 670504

Ion Ratio Lower Upper

82 100

128 37.3 30.6 45.8

54 60.3 48.2 72.2



#25

Isophorone

Concen: 58.308 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127497.D

Acq: 24 Mar 2022 12:33

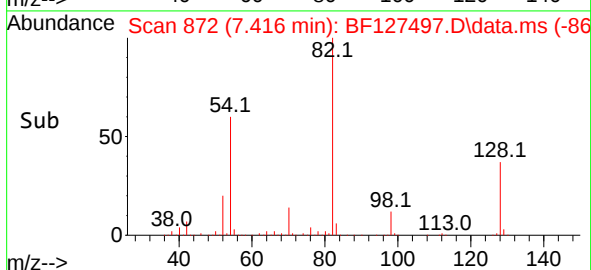
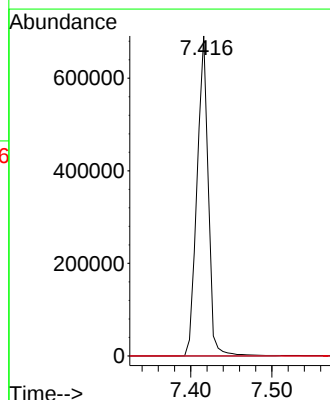
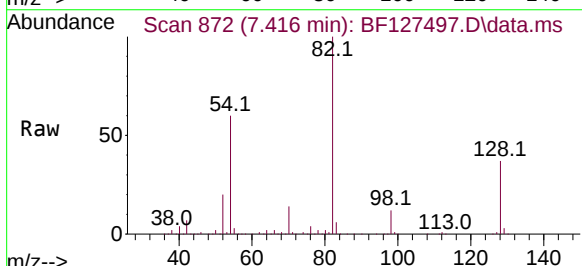
Tgt Ion: 82 Resp: 670500

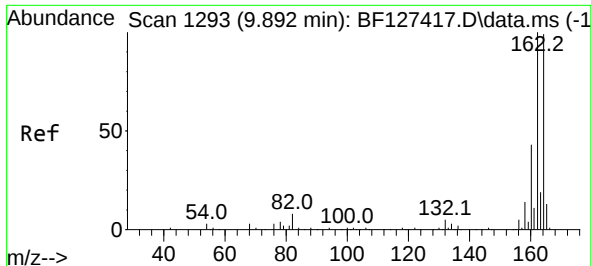
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

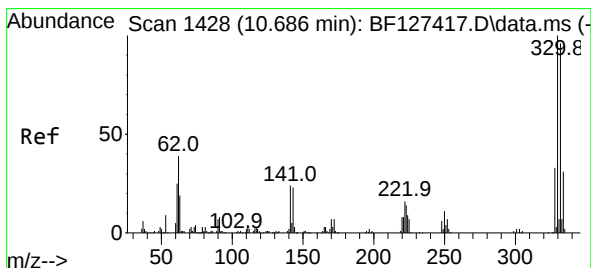
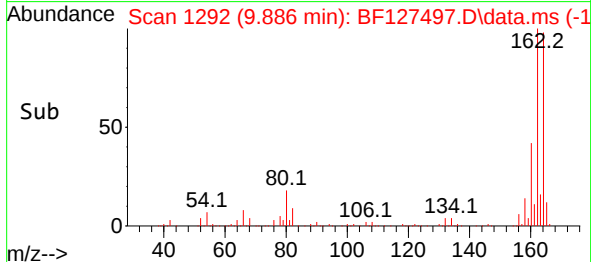
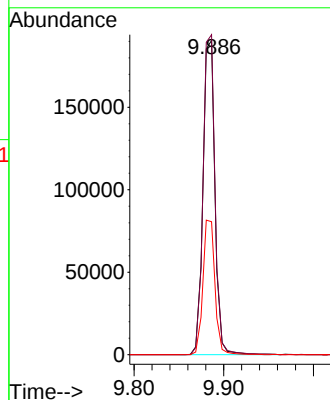
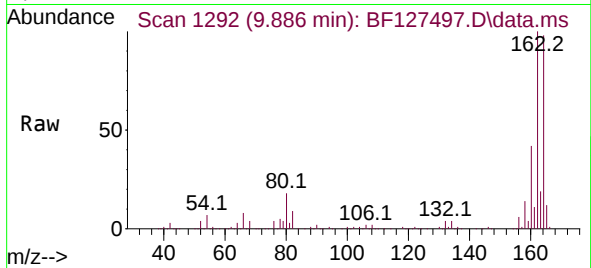




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

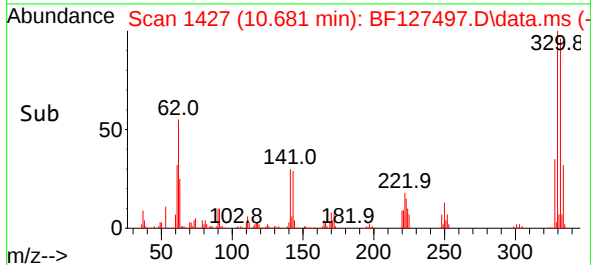
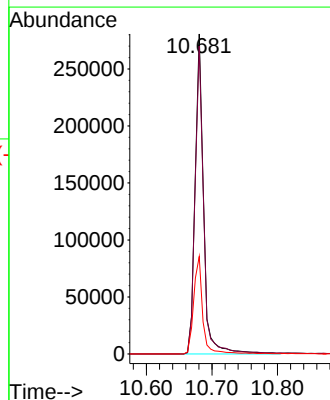
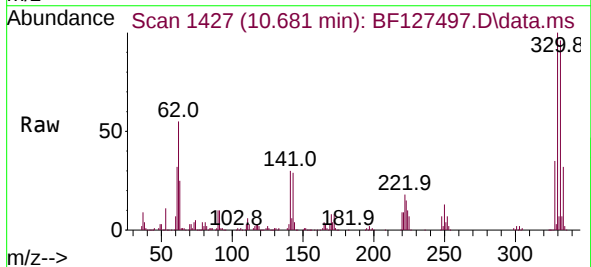
Instrument :
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Tgt Ion:164 Resp: 176269
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 42.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 134.714 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:330 Resp: 252955
Ion Ratio Lower Upper
330 100
332 98.1 79.1 118.7
141 32.5 26.2 39.4

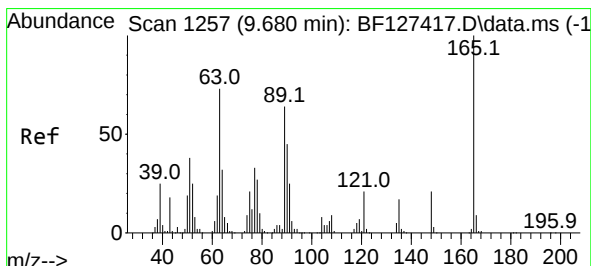
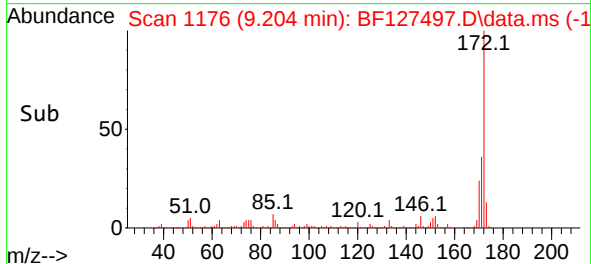
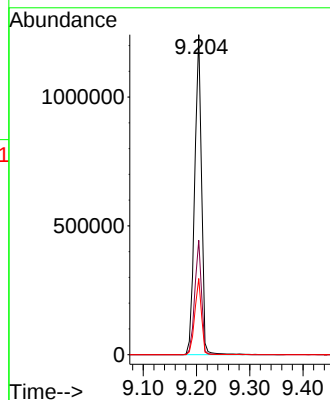
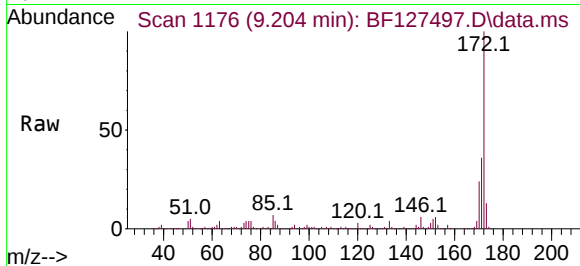




#45
2-Fluorobiphenyl
Concen: 92.589 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

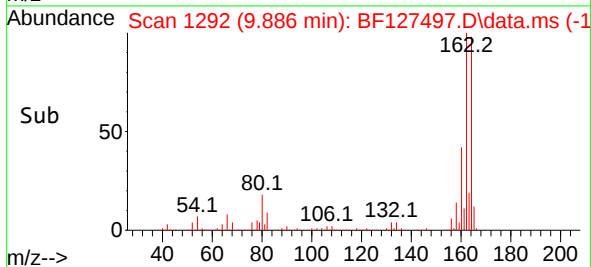
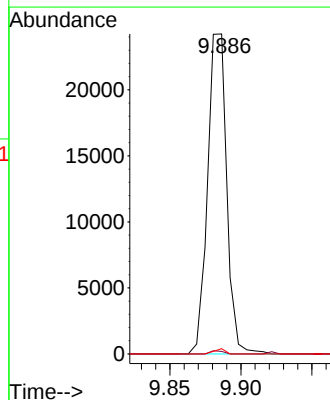
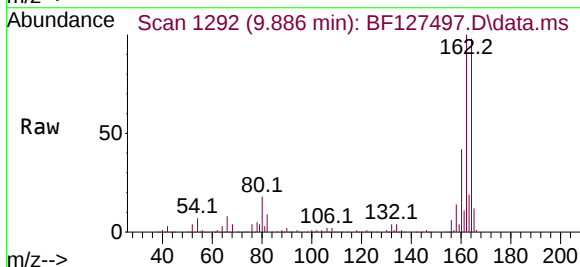
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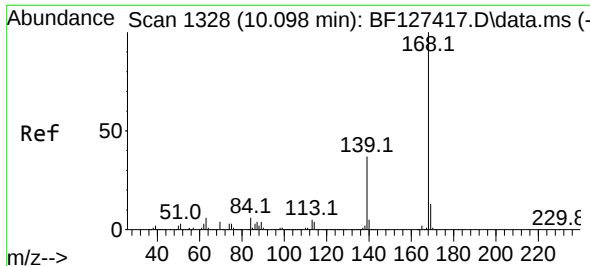
Tgt Ion:172 Resp: 1117669
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.839 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:165 Resp: 22753
Ion Ratio Lower Upper
165 100
63 0.8 58.3 87.5#
89 1.7 51.5 77.3#

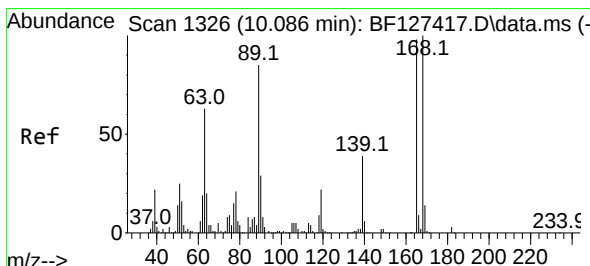
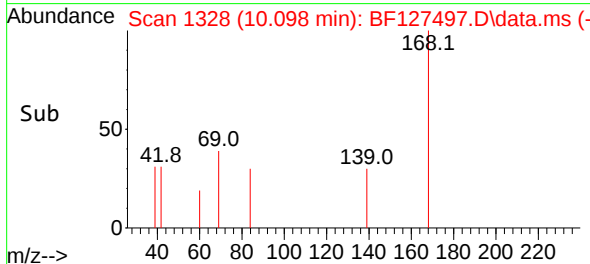
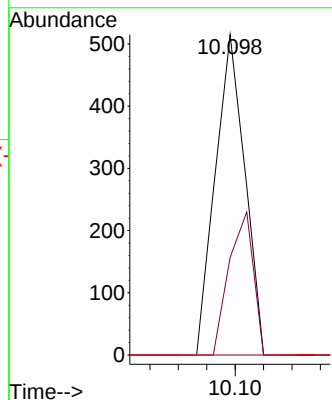
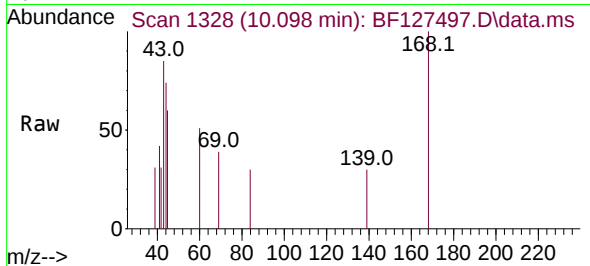




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

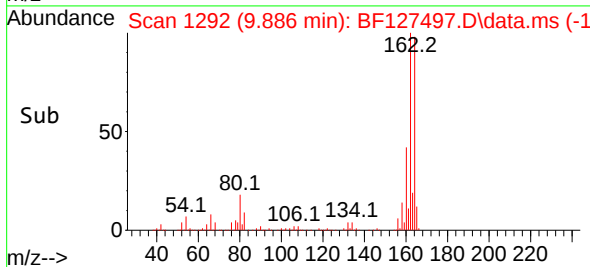
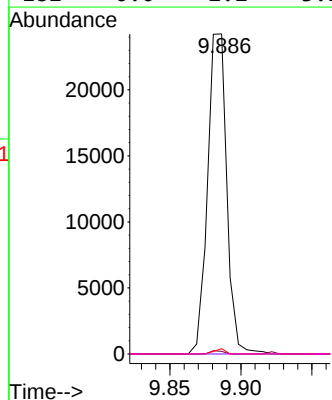
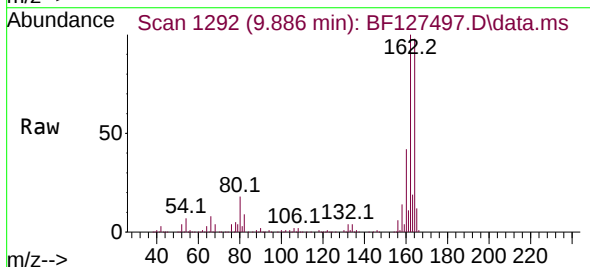
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WC-20220321

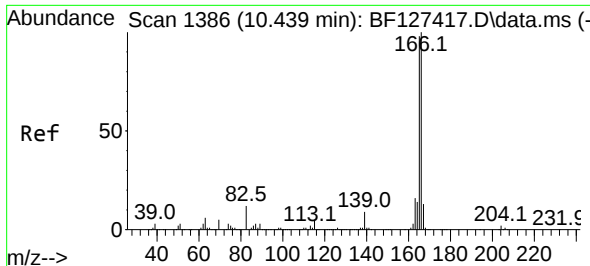
Tgt Ion:168 Resp: 370
Ion Ratio Lower Upper
168 100
139 30.5 30.3 45.5
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:165 Resp: 22753
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#

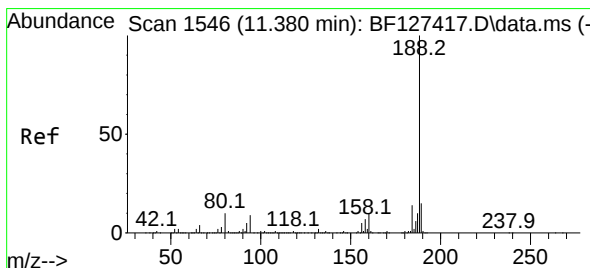
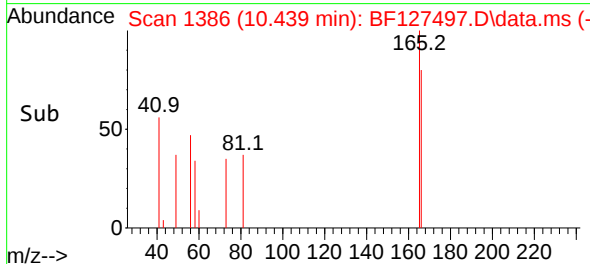
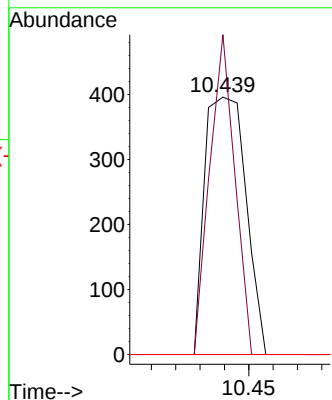
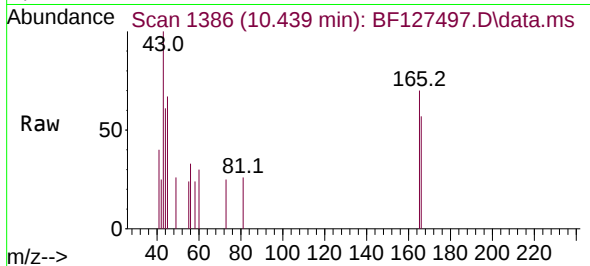




#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

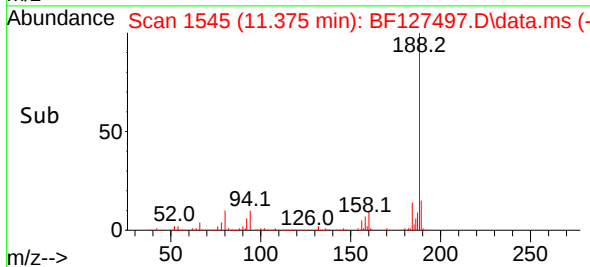
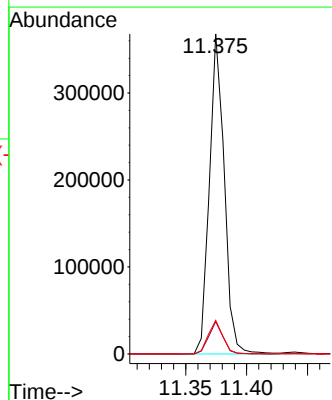
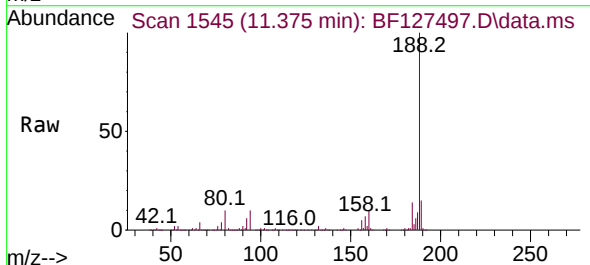
Instrument :
BNA_F
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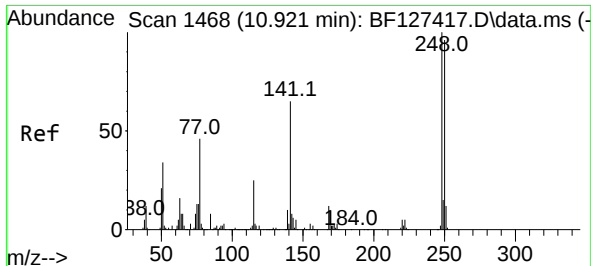
Tgt Ion:166 Resp: 466
Ion Ratio Lower Upper
166 100
165 124.2 78.1 117.1#
167 0.0 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:188 Resp: 311902
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.5 8.0 12.0

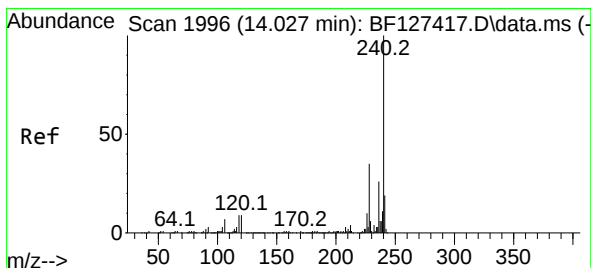
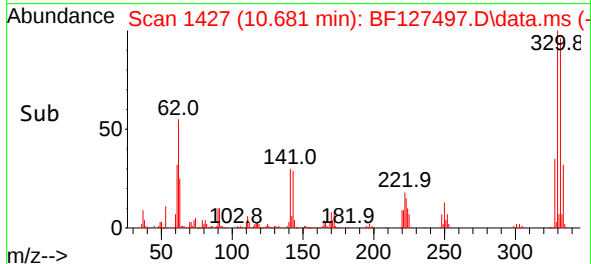
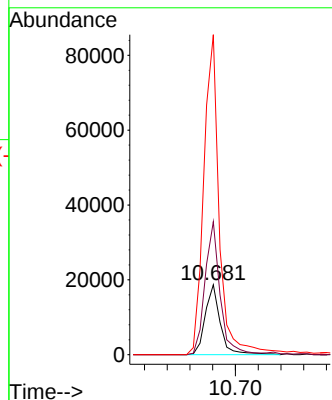
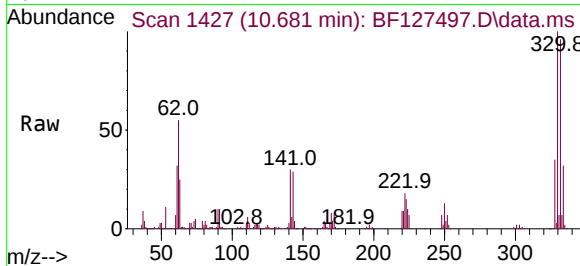




#67
4-Bromophenyl-phenylether
Concen: 4.715 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

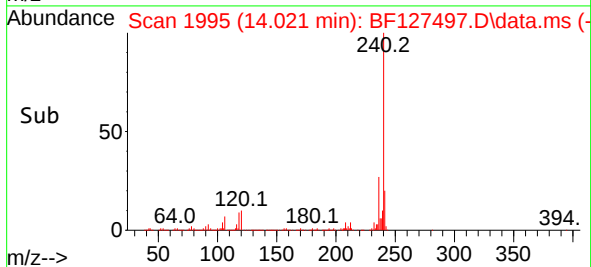
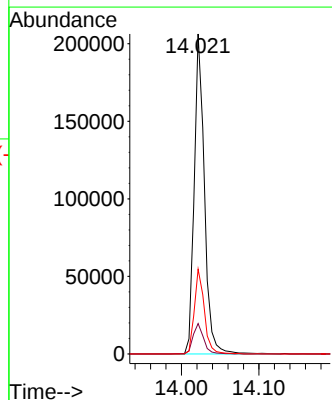
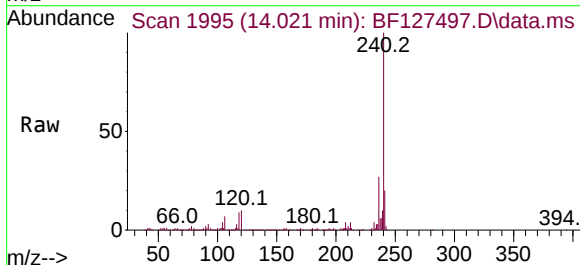
Instrument :
BNA_F
ClientSampleId :
WC-20220321

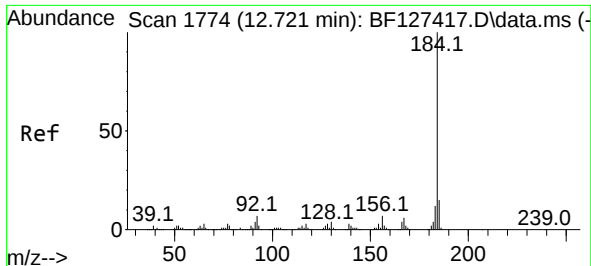
Tgt Ion:248 Resp: 17169
Ion Ratio Lower Upper
248 100
250 190.0 76.6 115.0#
141 457.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Tgt Ion:240 Resp: 188794
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 26.5 20.7 31.1

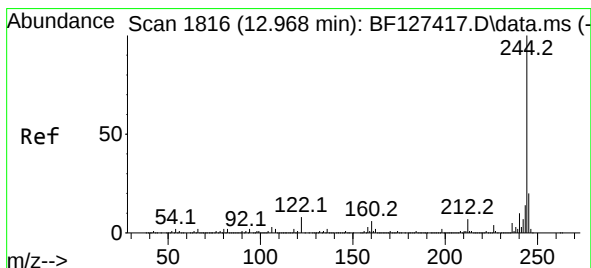
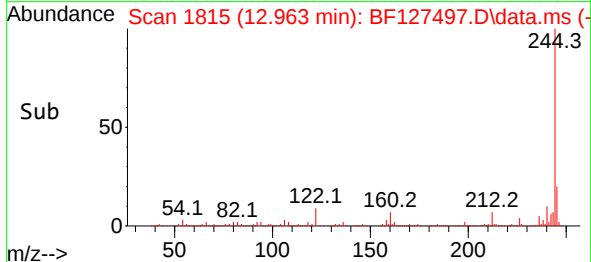
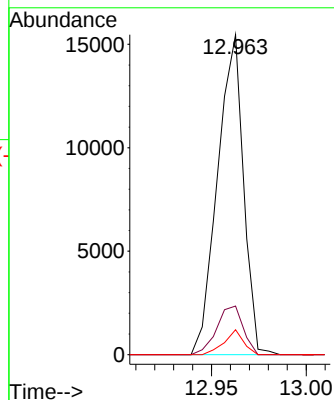
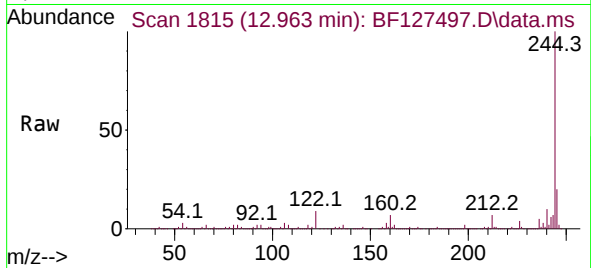




#77
Benzidine
Concen: 3.276 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

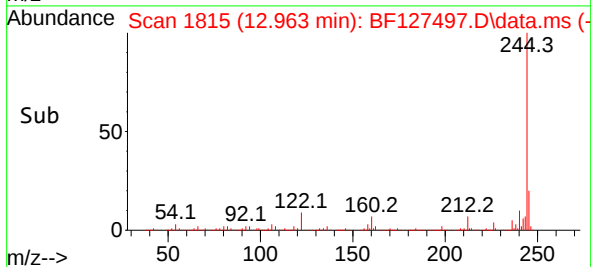
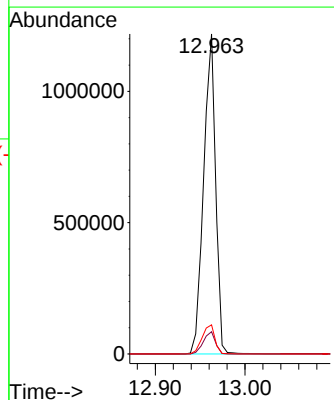
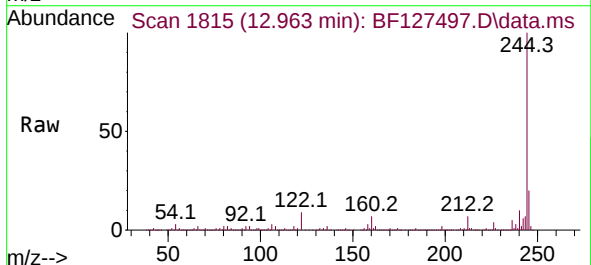
Instrument :
BNA_F
ClientSampleId :
WC-20220321

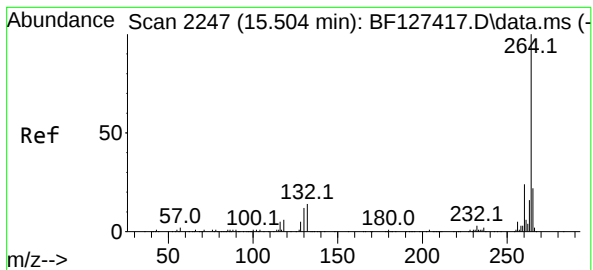
Tgt Ion:184 Resp: 14746
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 7.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 97.958 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

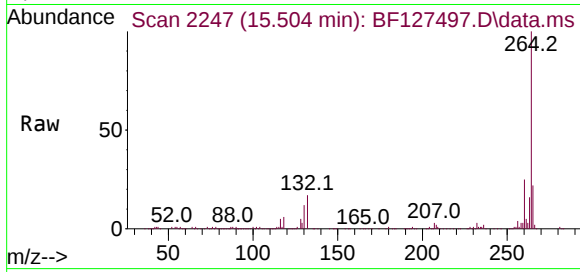
Tgt Ion:244 Resp: 1129732
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127497.D
Acq: 24 Mar 2022 12:33

Instrument :
BNA_F
ClientSampleId :
WC-20220321



Tgt Ion:264 Resp: 182940

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	21.6	17.4	26.2

