

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127506.D
 Acq On : 24 Mar 2022 16:53
 Operator : CG\JU
 Sample : N2063-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)

Quant Time: Mar 24 17:17:21 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)

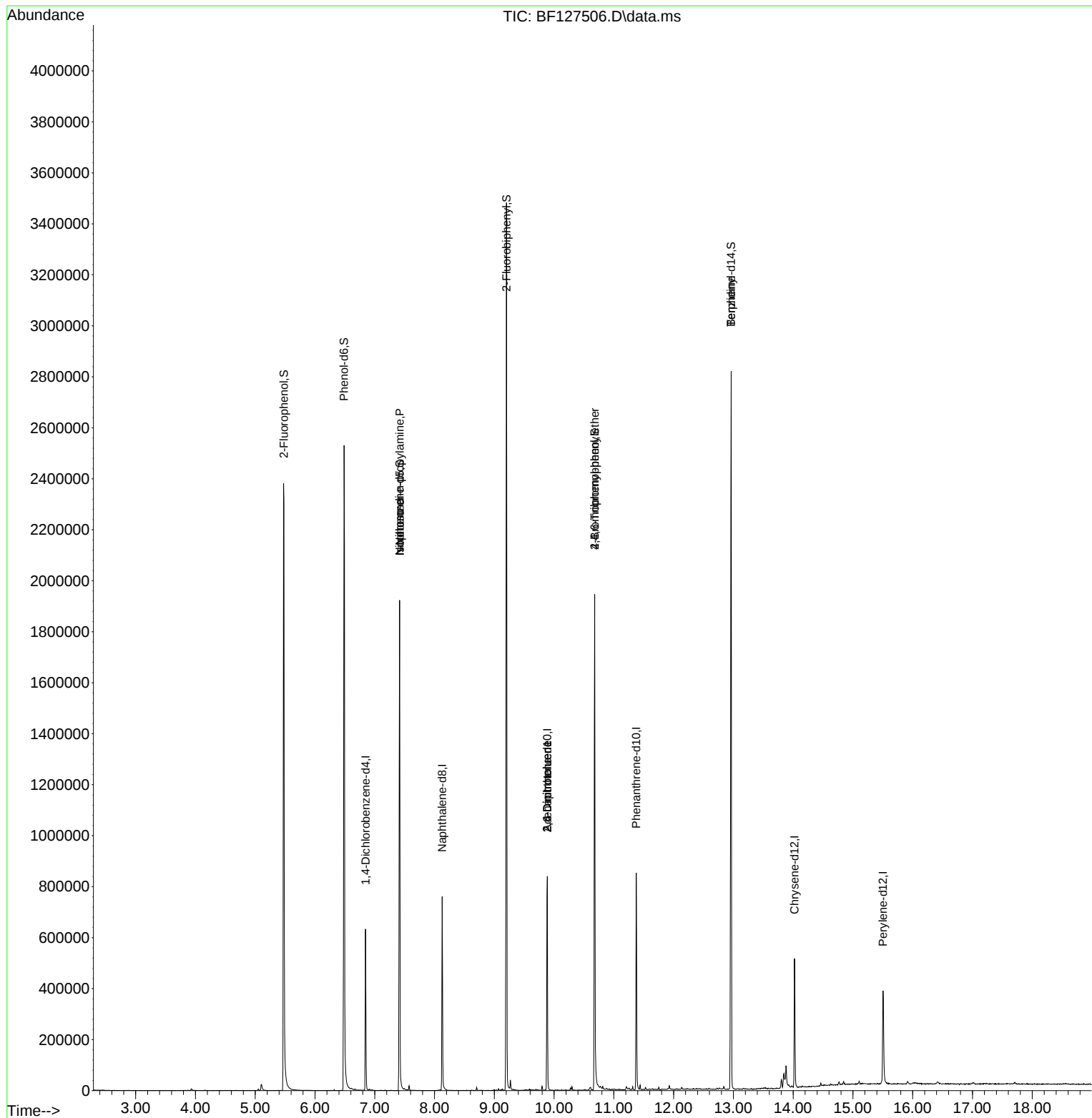
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	79896	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	299824	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	171769	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	294560	20.000	ng	0.00
76) Chrysene-d12	14.021	240	184591	20.000	ng	0.00
86) Perylene-d12	15.504	264	179948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	655598	130.980	ng	0.01
7) Phenol-d6	6.487	99	901935	131.825	ng	0.00
23) Nitrobenzene-d5	7.416	82	613739	87.500	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	220929	120.741	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1041008	88.498	ng	0.00
79) Terphenyl-d14	12.963	244	991873	87.963	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1243	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	82912	20.217	ng	# 81
25) Isophorone	7.416	82	613739	54.938	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	22428	8.941	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	22428	6.946	ng	# 14
58) Fluorene	10.680	166	8711	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.680	248	15043	4.374	ng	# 1
77) Benzidine	12.963	184	12818	2.912	ng	# 93

(#) = 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

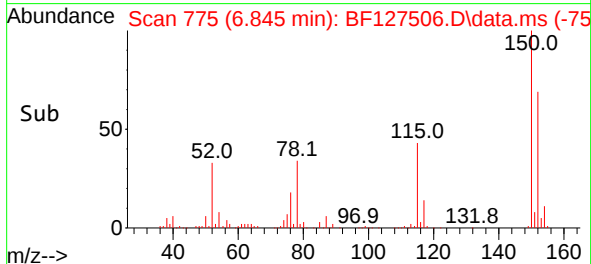
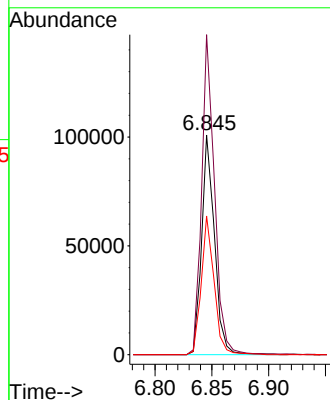
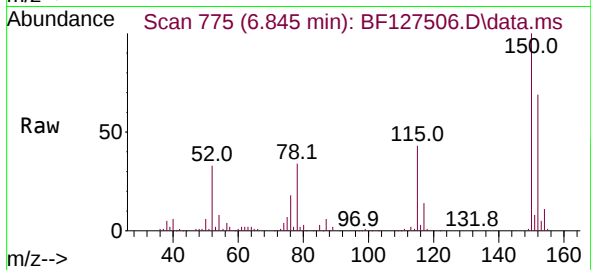




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

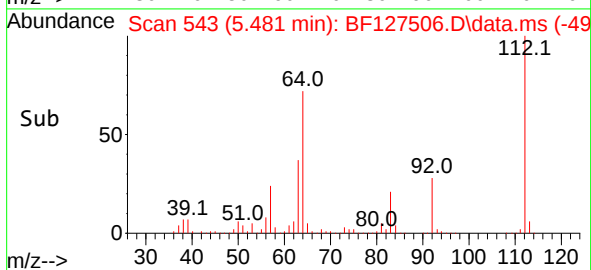
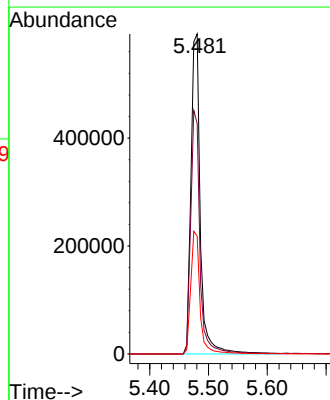
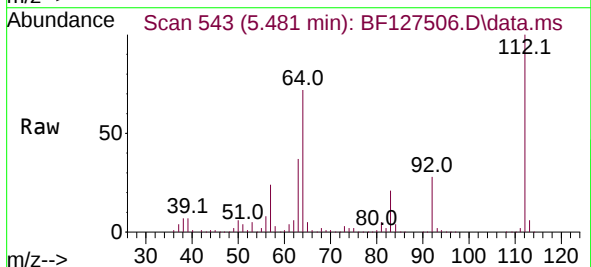
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

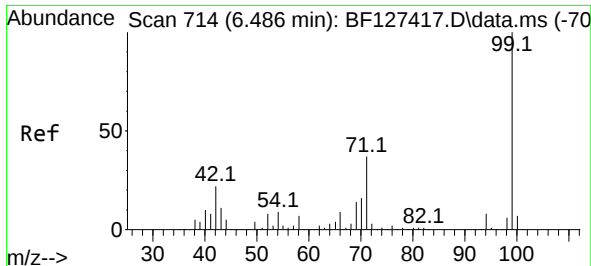
Tgt Ion:152 Resp: 79896
Ion Ratio Lower Upper
152 100
150 145.6 117.2 175.8
115 63.1 49.8 74.6



#5
2-Fluorophenol
Concen: 130.980 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:112 Resp: 655598
Ion Ratio Lower Upper
112 100
64 72.0 58.4 87.6
63 36.8 30.1 45.1

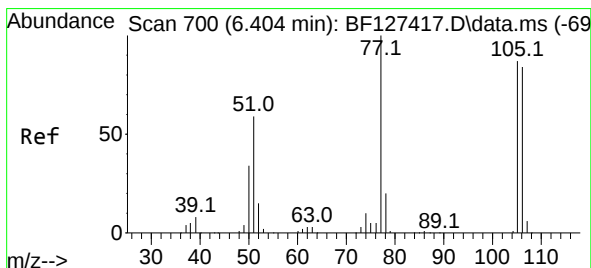
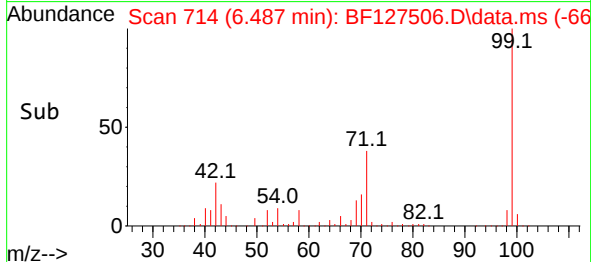
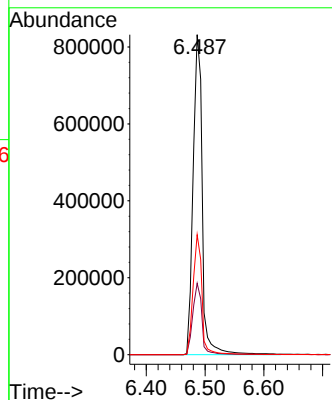
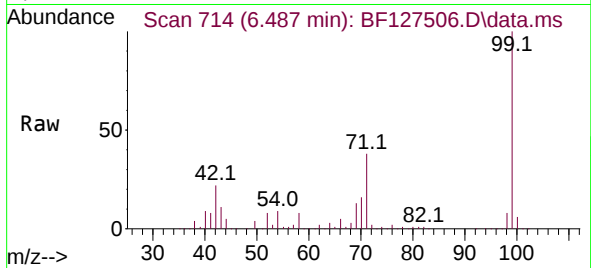




#7
Phenol-d6
Concen: 131.825 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

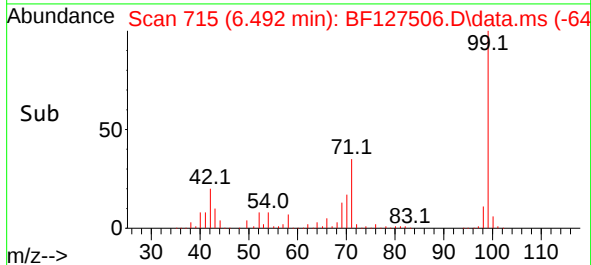
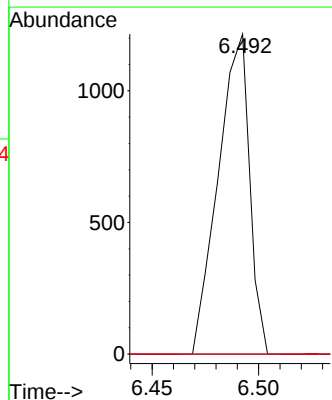
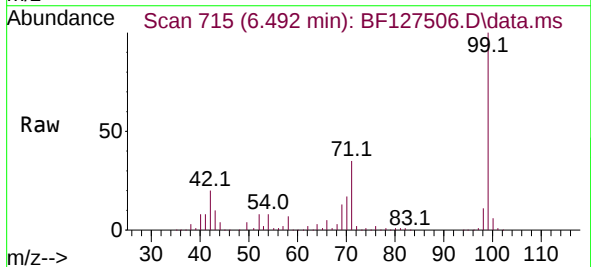
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

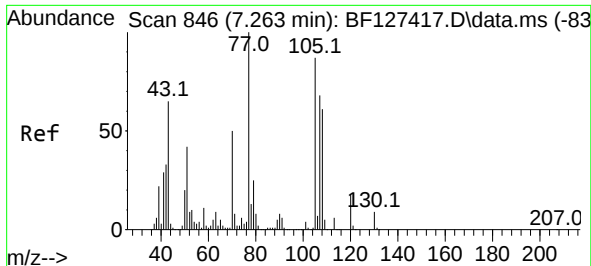
Tgt Ion: 99 Resp: 901935
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 37.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 715
Delta R.T. 0.088 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

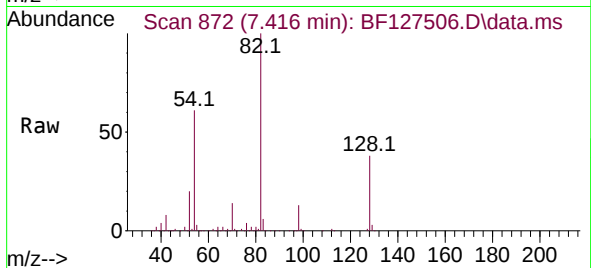
Tgt Ion: 77 Resp: 1243
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



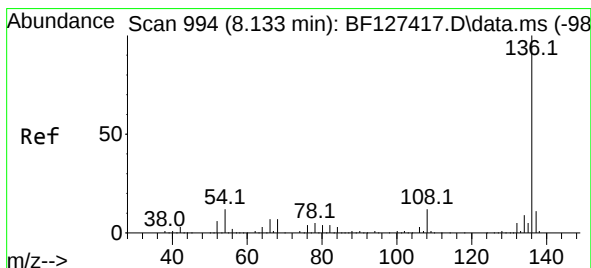
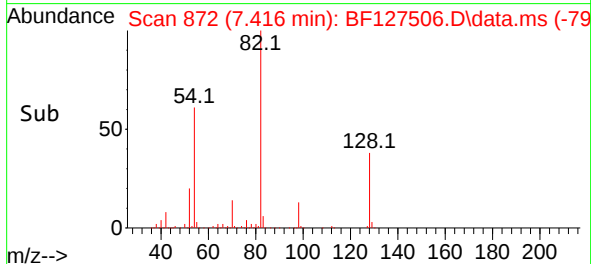
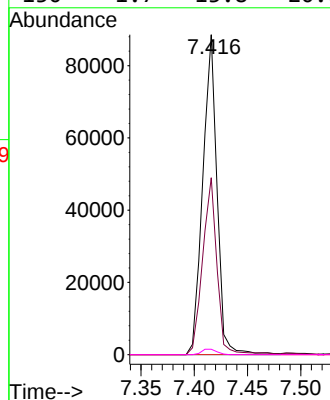


#19
n-Nitroso-di-n-propylamine
Concen: 20.217 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

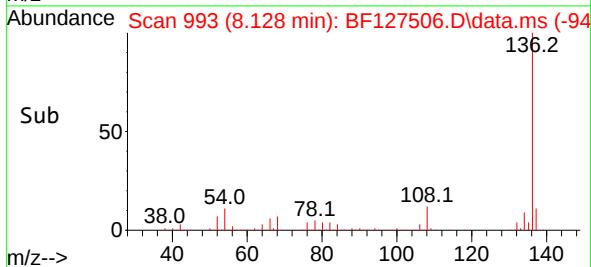
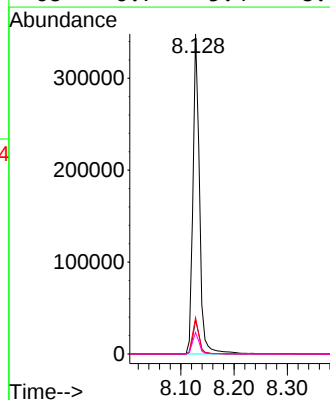
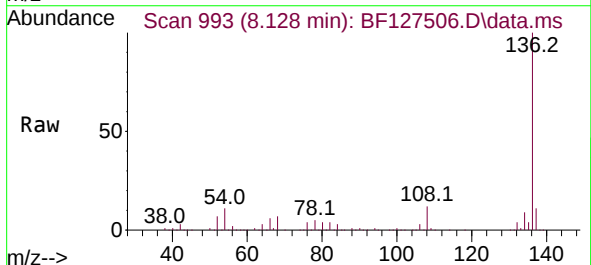


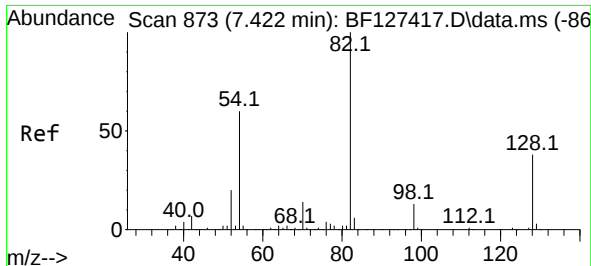
Tgt Ion: 70 Resp: 82912
Ion Ratio Lower Upper
70 100
42 55.3 53.0 79.6
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion: 136 Resp: 299824
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.3 9.2 13.8
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 87.500 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127506.D

Acq: 24 Mar 2022 16:53

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)

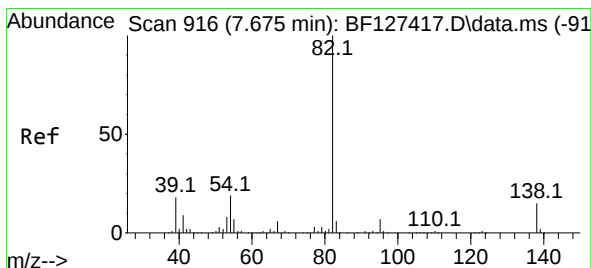
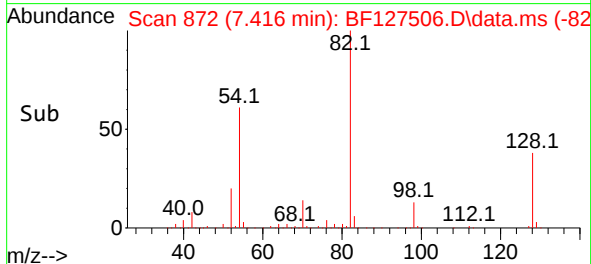
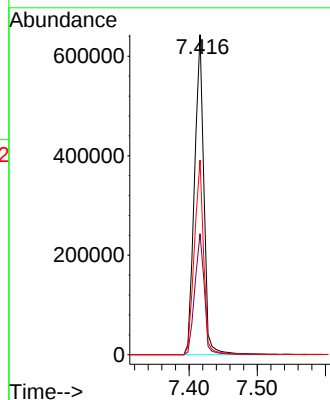
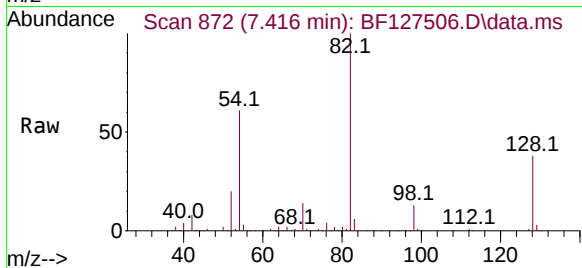
Tgt Ion: 82 Resp: 613739

Ion Ratio Lower Upper

82 100

128 37.8 30.6 45.8

54 60.8 48.2 72.2



#25

Isophorone

Concen: 54.938 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127506.D

Acq: 24 Mar 2022 16:53

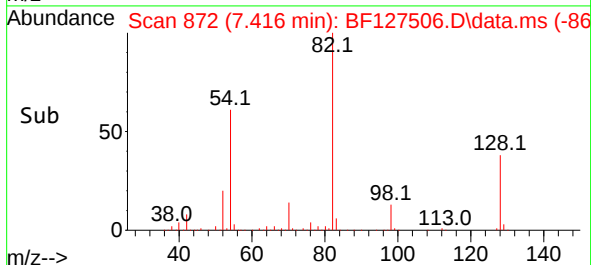
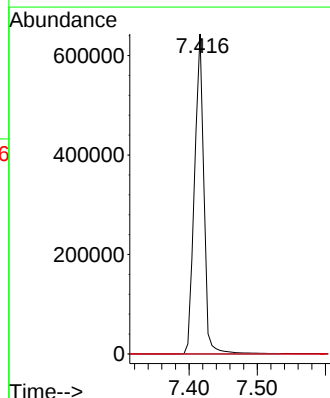
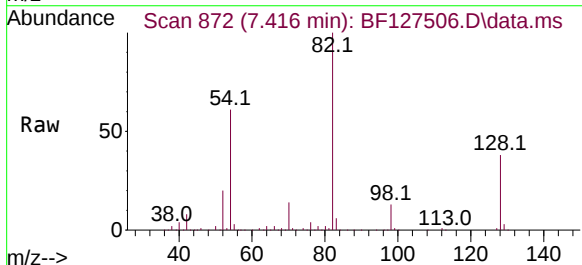
Tgt Ion: 82 Resp: 613739

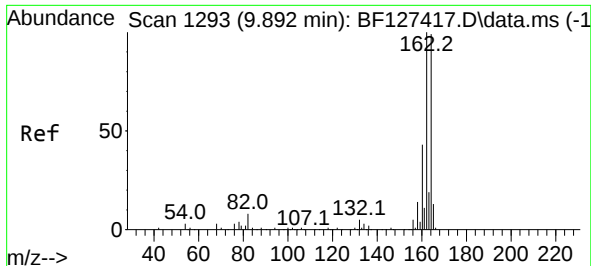
Ion Ratio Lower Upper

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: BF127506.D

Acq: 24 Mar 2022 16:53

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)

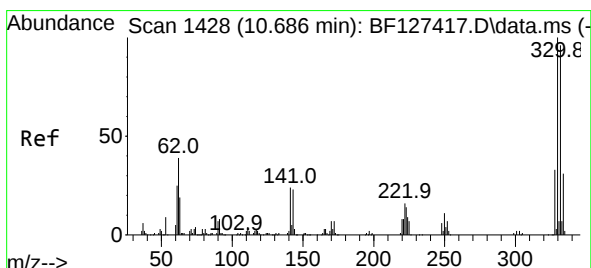
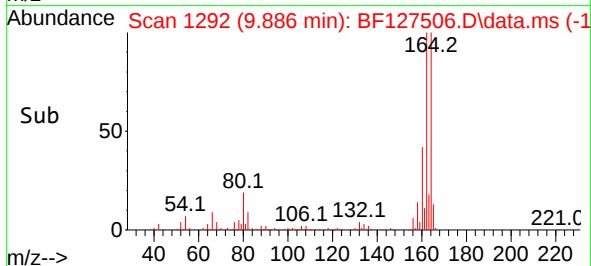
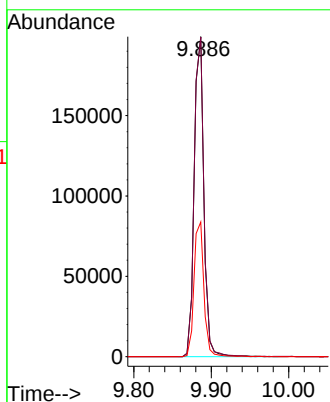
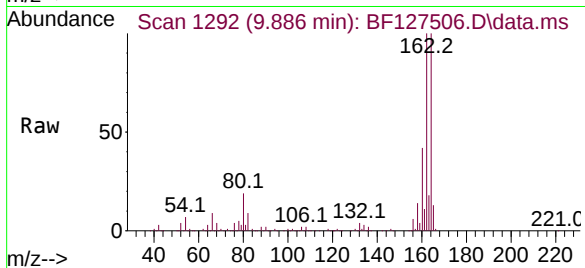
Tgt Ion:164 Resp: 171769

Ion Ratio Lower Upper

164 100

162 99.9 81.2 121.8

160 42.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 120.741 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127506.D

Acq: 24 Mar 2022 16:53

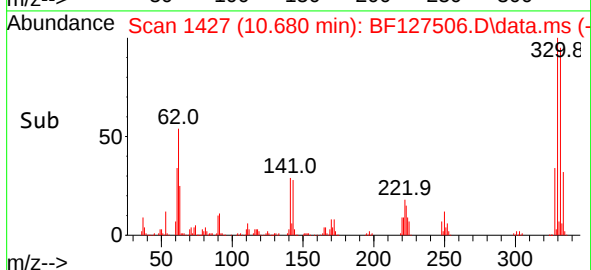
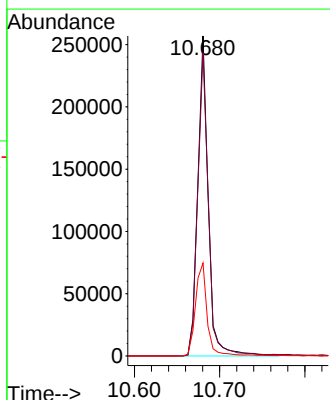
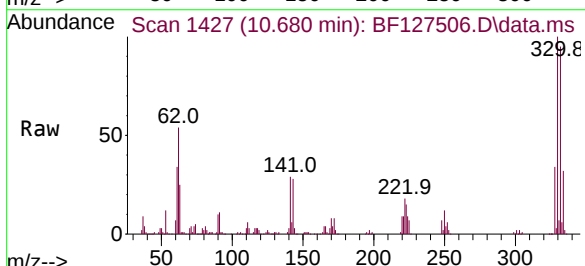
Tgt Ion:330 Resp: 220929

Ion Ratio Lower Upper

330 100

332 96.6 79.1 118.7

141 32.6 26.2 39.4

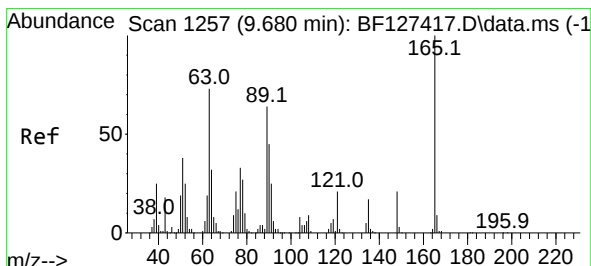
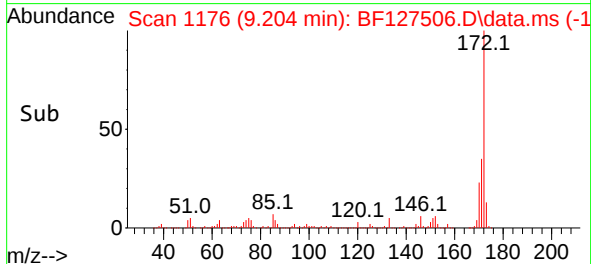
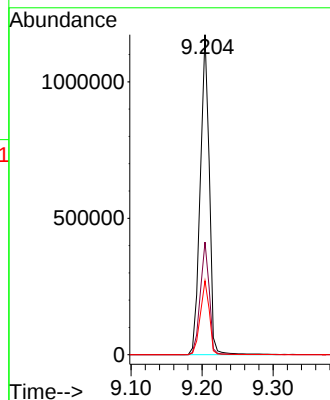
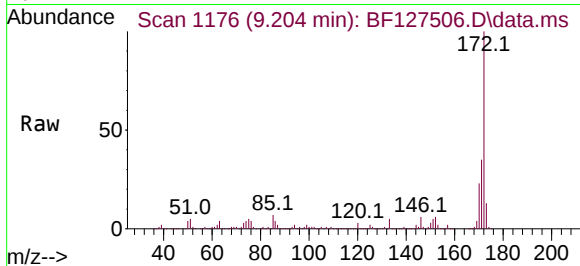




#45
2-Fluorobiphenyl
Concen: 88.498 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

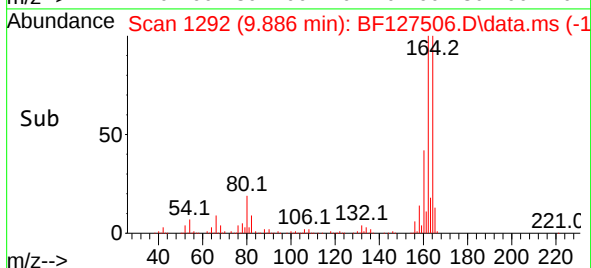
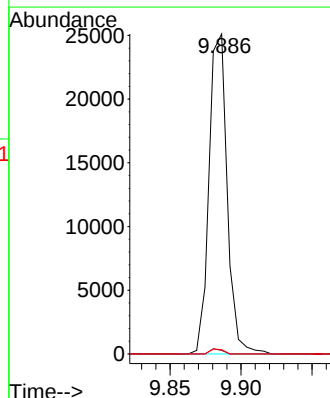
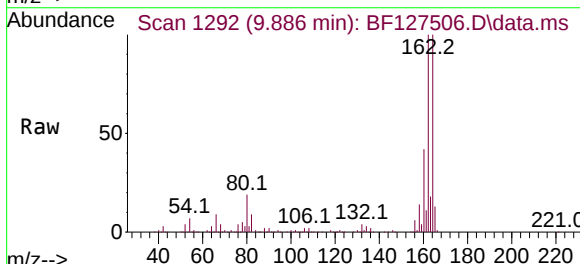
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WC-8-(10-10.5)

Tgt Ion:172 Resp: 1041008
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.941 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:165 Resp: 22428
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.3 51.5 77.3#

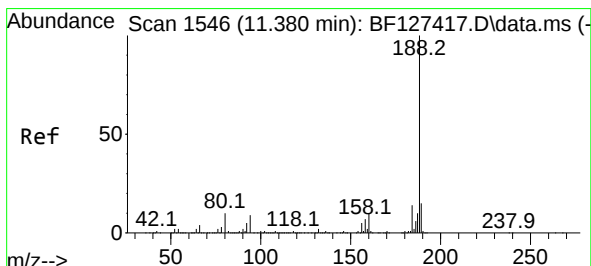
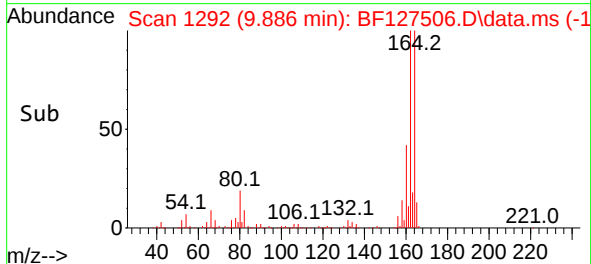
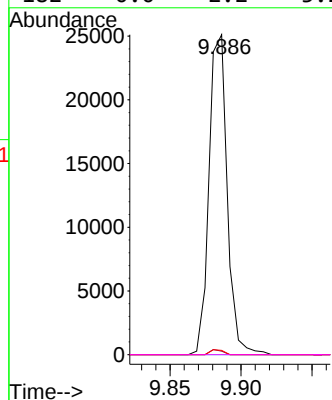
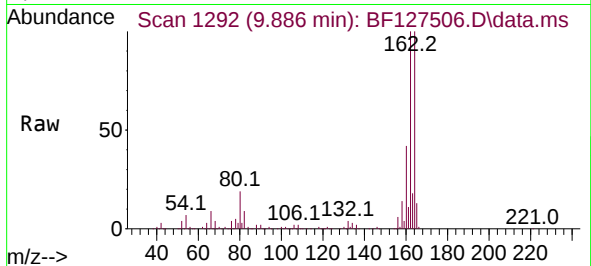




#57
2,4-Dinitrotoluene
Concen: 6.946 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

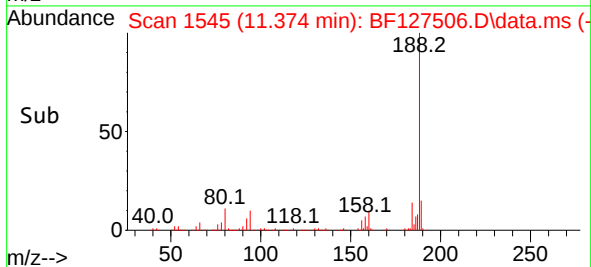
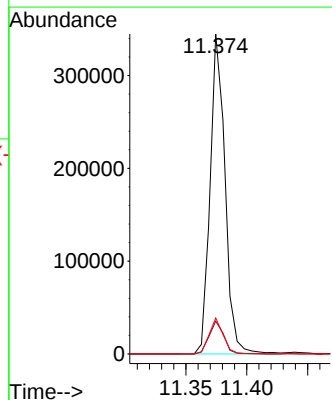
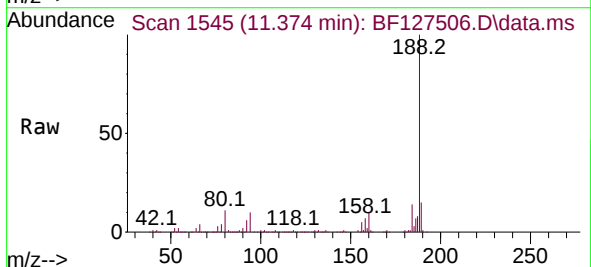
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

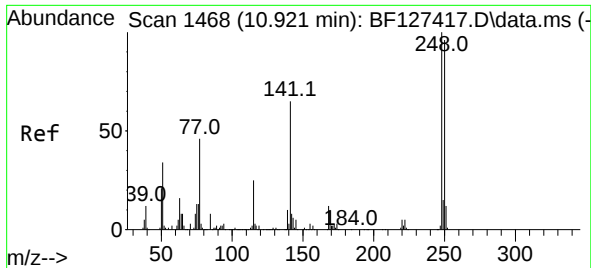
Tgt Ion:165 Resp: 22428
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:188 Resp: 294560
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.3 8.0 12.0

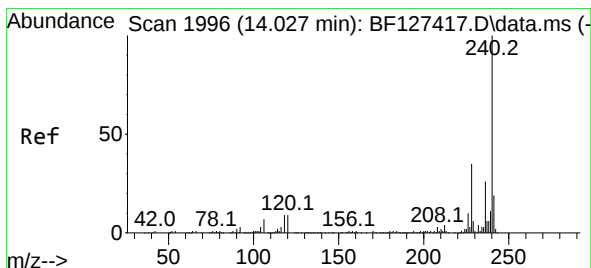
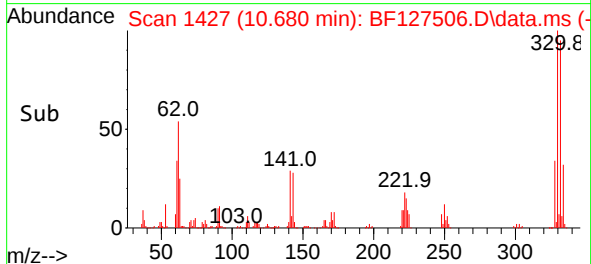
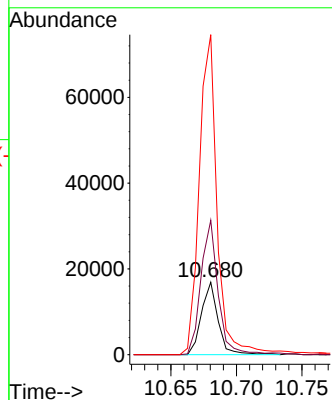
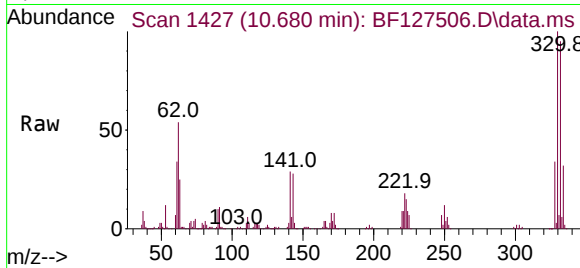




#67
4-Bromophenyl-phenylether
Concen: 4.374 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

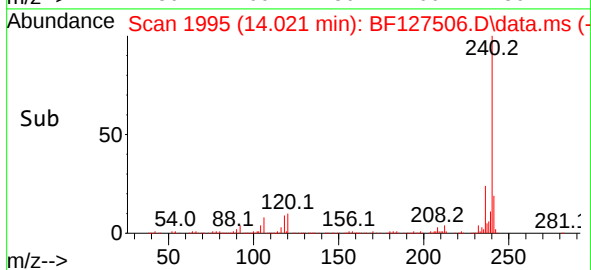
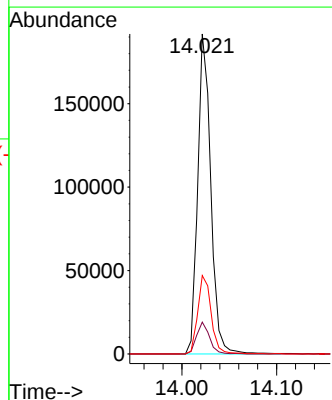
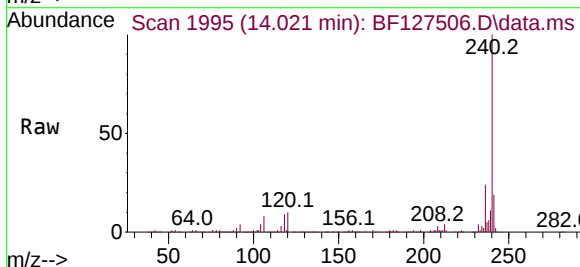
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

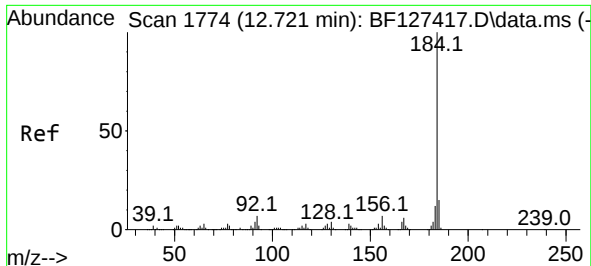
Tgt Ion:248 Resp: 15043
Ion Ratio Lower Upper
248 100
250 185.4 76.6 115.0#
141 441.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

Tgt Ion:240 Resp: 184591
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 24.5 20.7 31.1

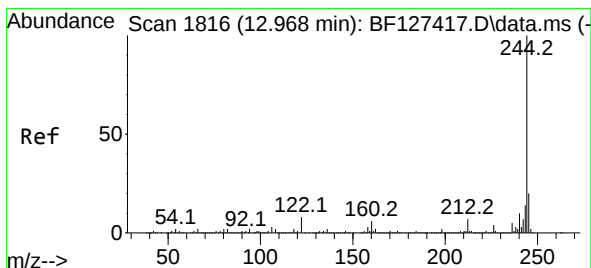
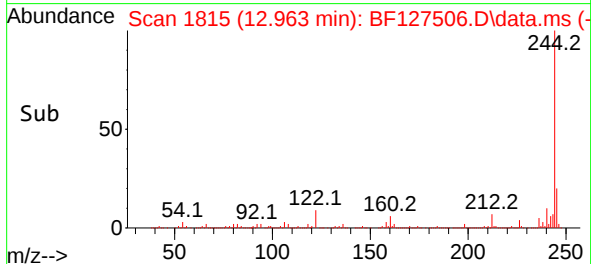
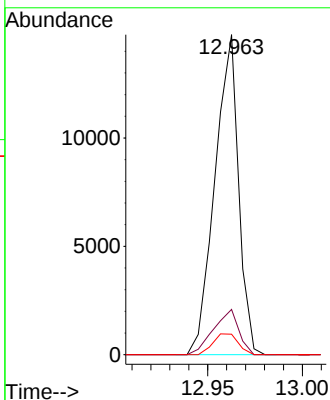
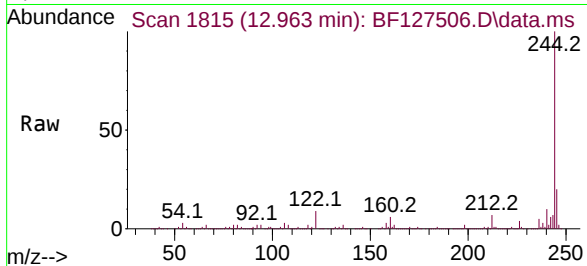




#77
Benzidine
Concen: 2.912 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

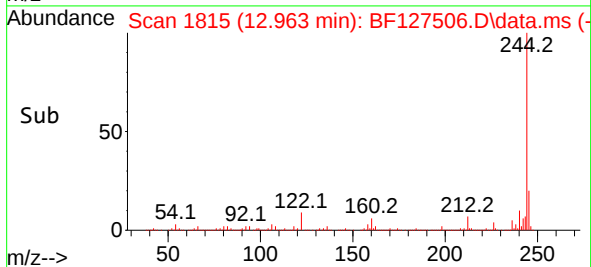
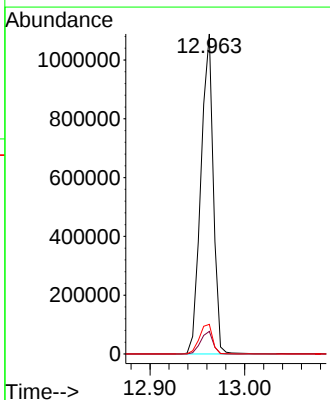
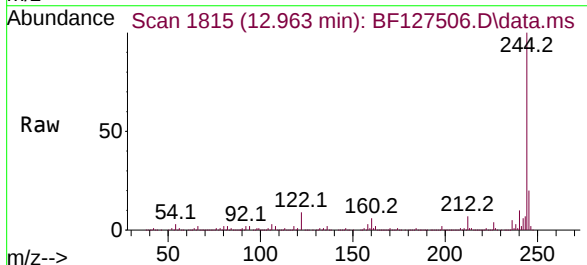
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)

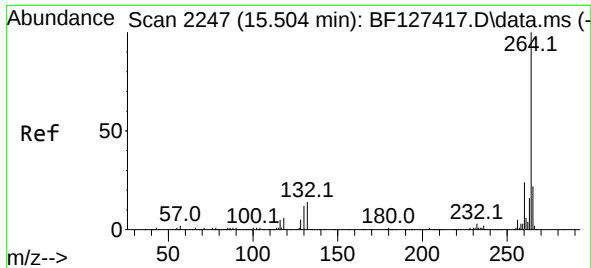
Tgt Ion:184 Resp: 12818
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.963 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127506.D
Acq: 24 Mar 2022 16:53

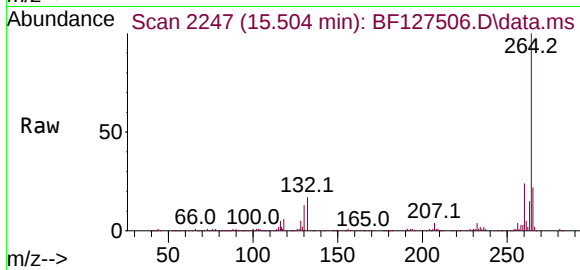
Tgt Ion:244 Resp: 991873
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.2 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127506.D
 Acq: 24 Mar 2022 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)



Tgt Ion:264 Resp: 179948
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.6 17.4 26.2

