

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127810.D
 Acq On : 15 Apr 2022 18:25
 Operator : CG\JU
 Sample : N2431-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

Quant Time: Apr 18 01:26:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

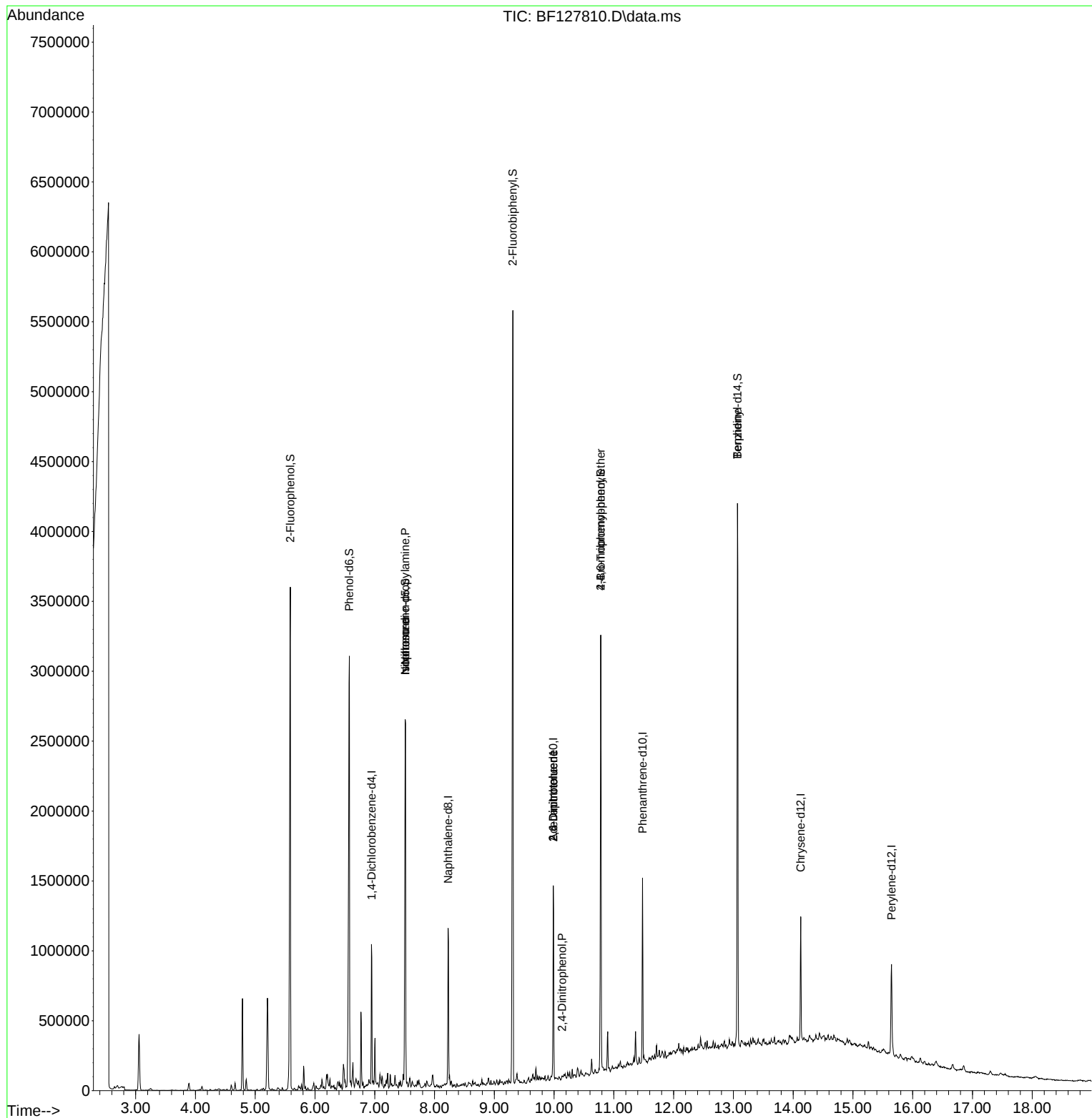
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	138793	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	509624	20.000	ng	#-0.02
39) Acenaphthene-d10	9.986	164	284523	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	442748	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	302544	20.000	ng	-0.02
86) Perylene-d12	15.645	264	320457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1010992	118.361	ng	0.00
7) Phenol-d6	6.575	99	1158595	103.684	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1013735	88.680	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	388582	128.340	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1760062	87.511	ng	-0.01
79) Terphenyl-d14	13.069	244	1470207	80.211	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2355	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.510	70	139647	19.322	ng	# 75
25) Isophorone	7.510	82	1012144	50.742	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	36985	9.514	ng	# 18
54) 2,4-Dinitrophenol	10.133	184	602	5.600	ng	# 76
57) 2,4-Dinitrotoluene	9.986	165	36985	7.674	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	25118	4.675	ng	# 1
77) Benzidine	13.069	184	21139	2.677	ng	95

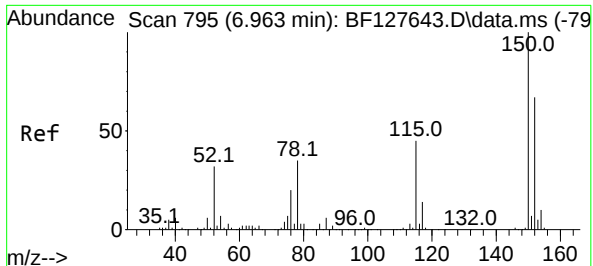
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
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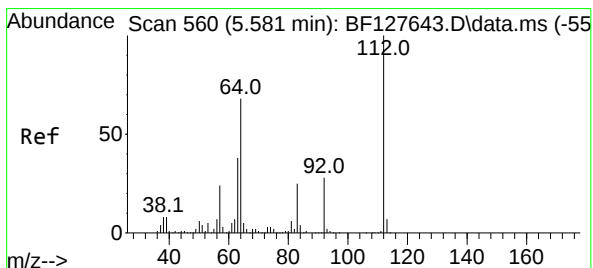
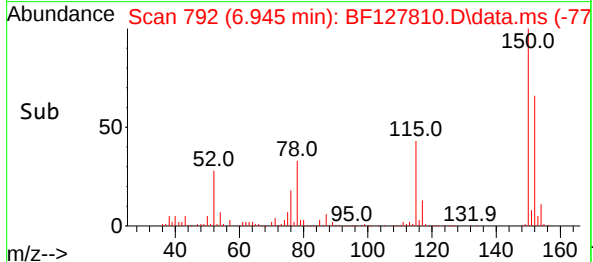
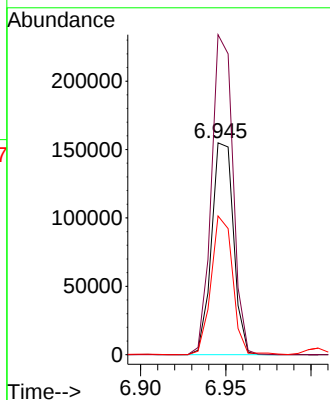
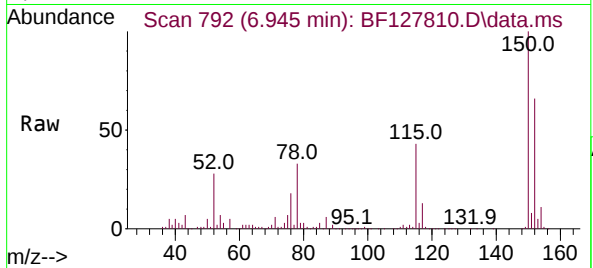




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

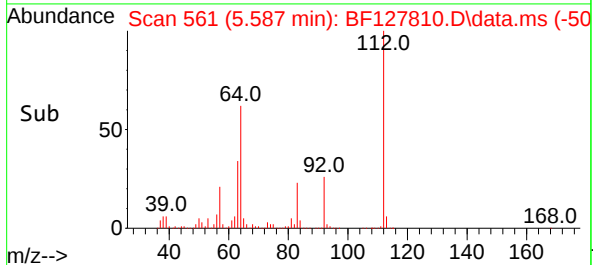
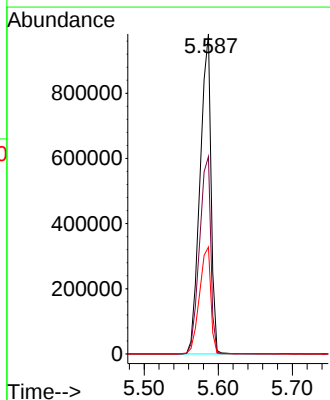
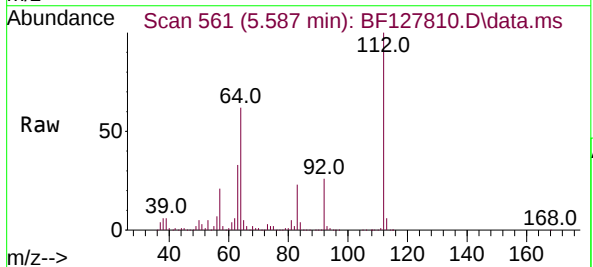
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

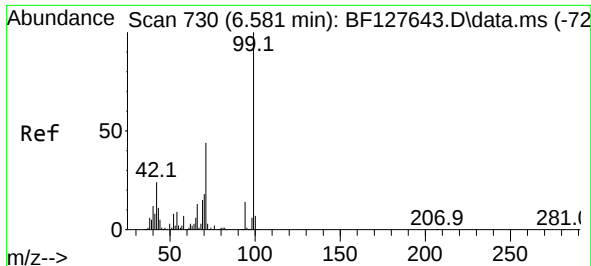
Tgt Ion:152 Resp: 138793
Ion Ratio Lower Upper
152 100
150 151.1 117.2 175.8
115 65.5 49.8 74.6



#5
2-Fluorophenol
Concen: 118.361 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:112 Resp: 1010992
Ion Ratio Lower Upper
112 100
64 61.6 58.4 87.6
63 33.4 30.1 45.1

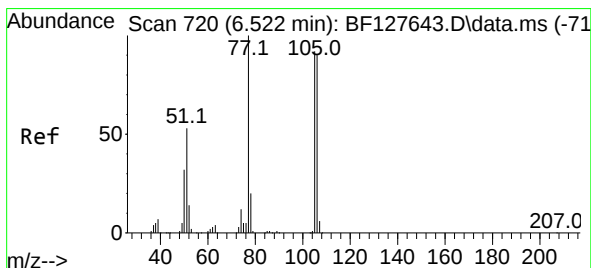
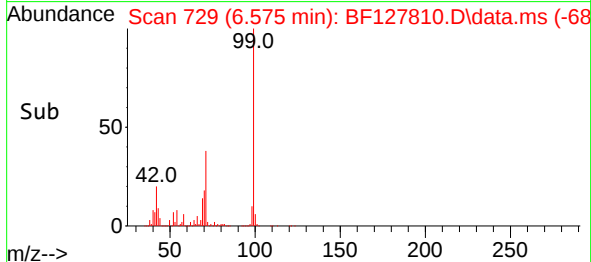
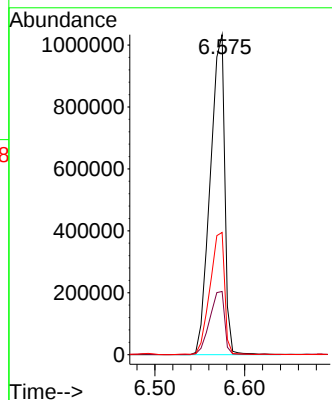
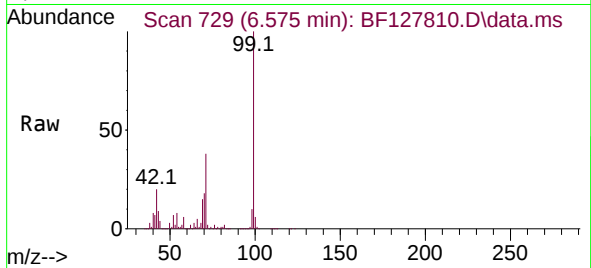




#7
Phenol-d6
Concen: 103.684 ng
RT: 6.575 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

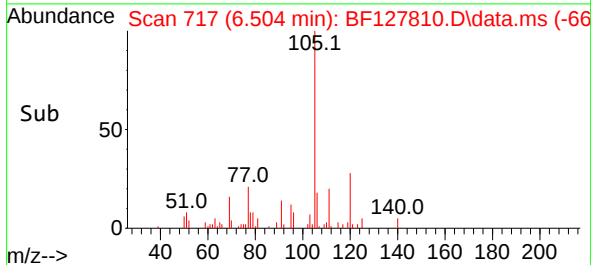
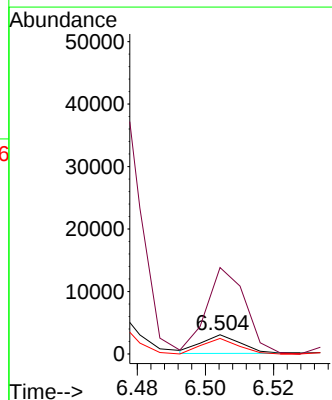
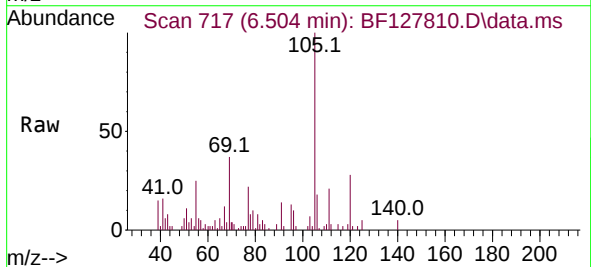
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

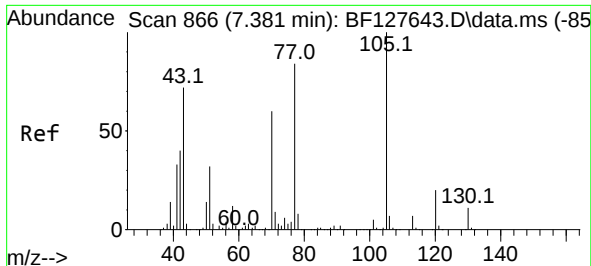
Tgt Ion: 99 Resp: 1158595
Ion Ratio Lower Upper
99 100
42 19.8 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion: 77 Resp: 2355
Ion Ratio Lower Upper
77 100
105 451.1 66.8 106.8#
106 80.9 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 19.322 ng

RT: 7.510 min Scan# 81

Delta R.T. 0.135 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

Tgt Ion: 70 Resp: 139647

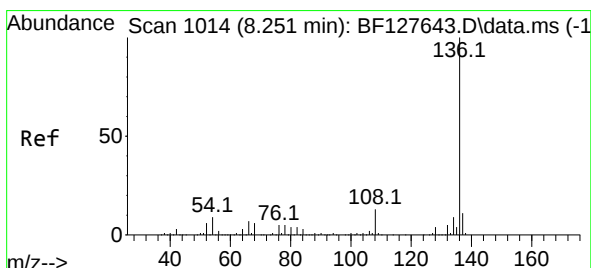
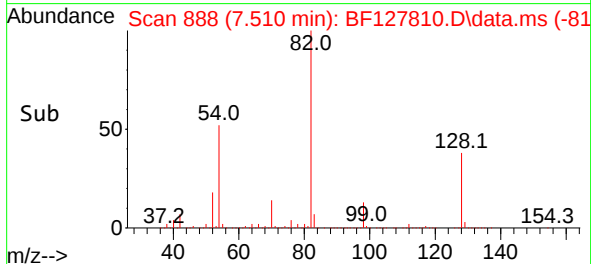
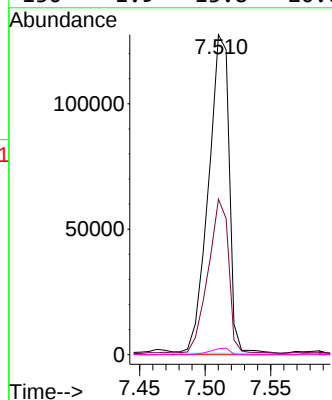
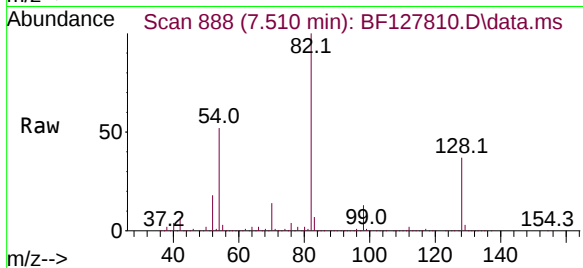
Ion Ratio Lower Upper

70 100

42 48.6 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

Tgt Ion:136 Resp: 509624

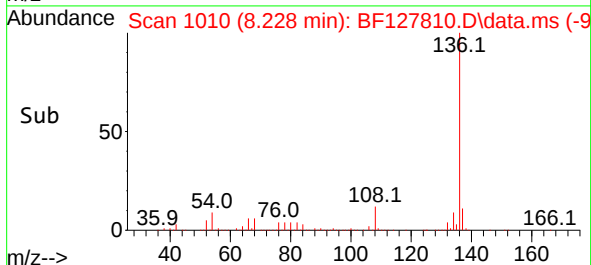
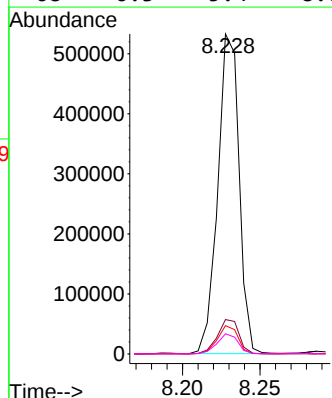
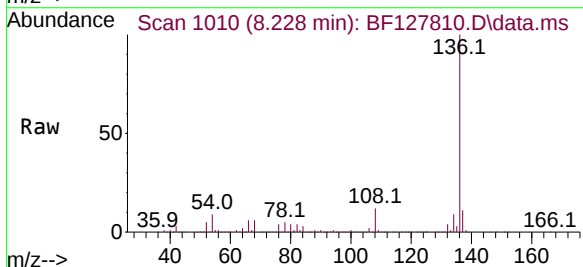
Ion Ratio Lower Upper

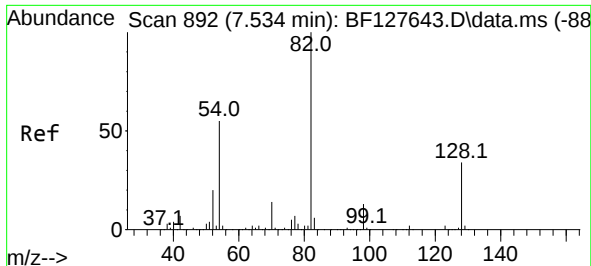
136 100

137 10.8 8.6 13.0

54 8.9 9.2 13.8#

68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.680 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

Instrument :

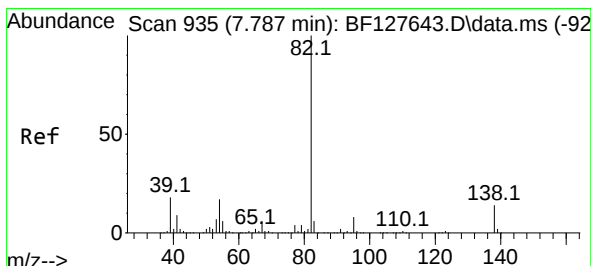
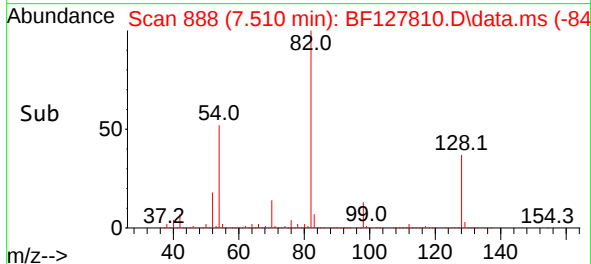
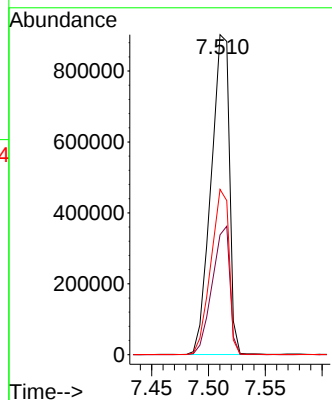
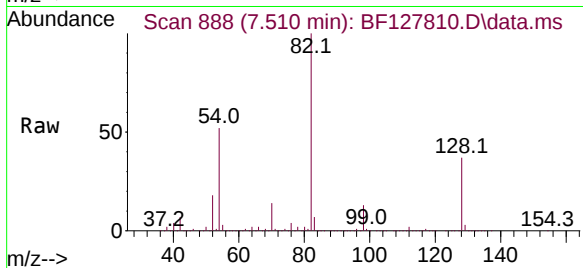
BNA_F

ClientSampleId :

WC-15-1-1

Tgt Ion: 82 Resp: 1013735

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.6	45.8
54	51.6	48.2	72.2



#25

Isophorone

Concen: 50.742 ng

RT: 7.510 min Scan# 888

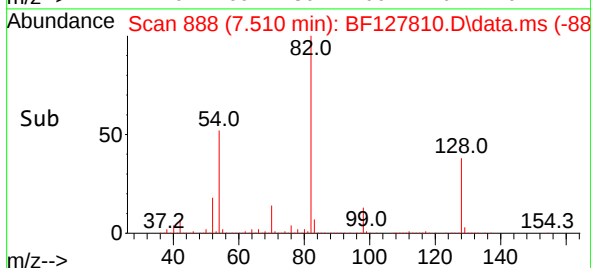
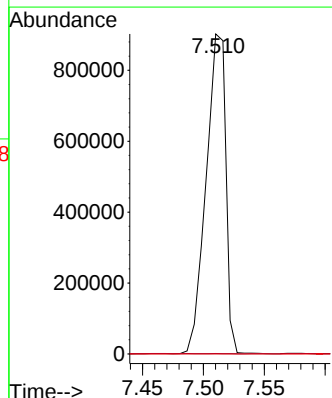
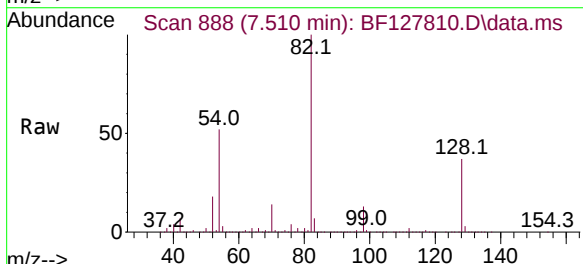
Delta R.T. -0.277 min

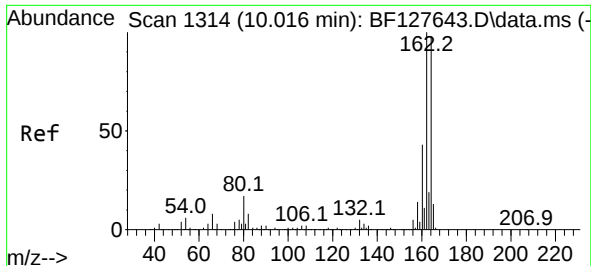
Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

Tgt Ion: 82 Resp: 1012144

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.8#
138	0.0	11.6	17.4#

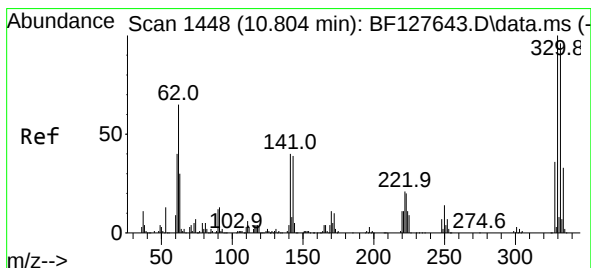
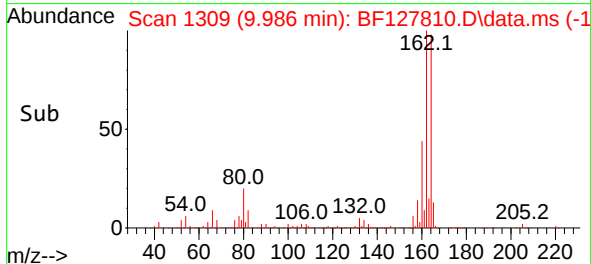
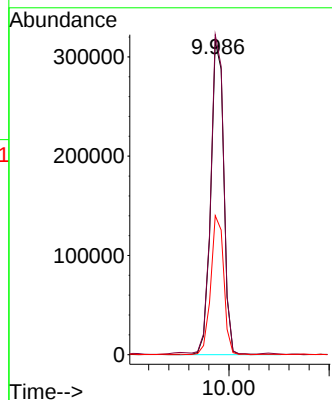
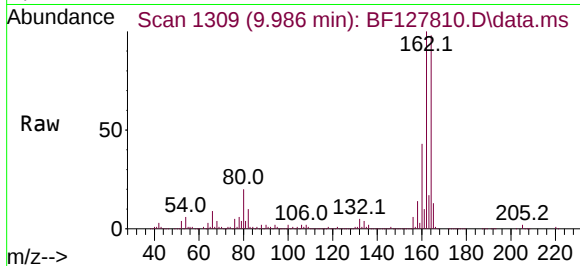




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

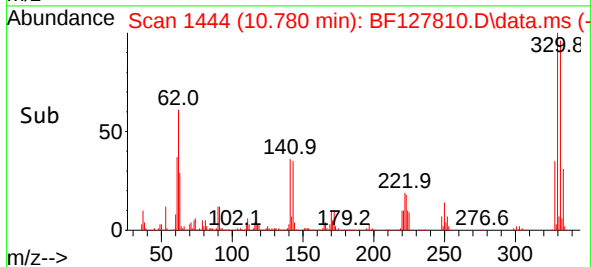
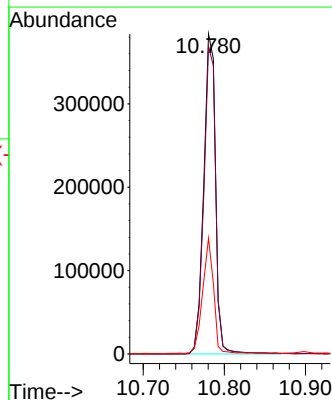
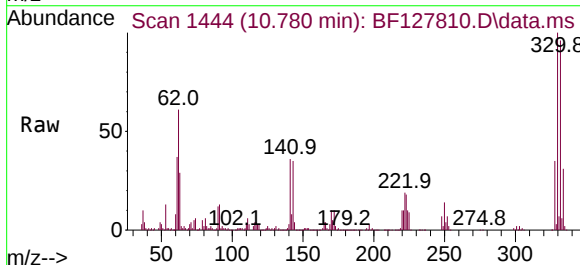
Instrument :
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ClientSampleId :
WC-15-1-1

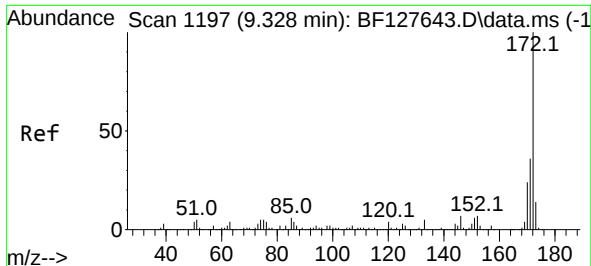
Tgt Ion:164 Resp: 284523
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 128.340 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:330 Resp: 388582
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 33.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 87.511 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

Instrument :

BNA_F

ClientSampleId :

WC-15-1-1

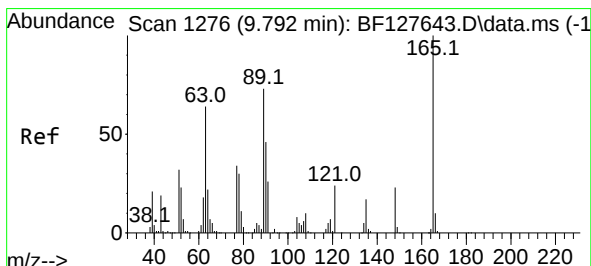
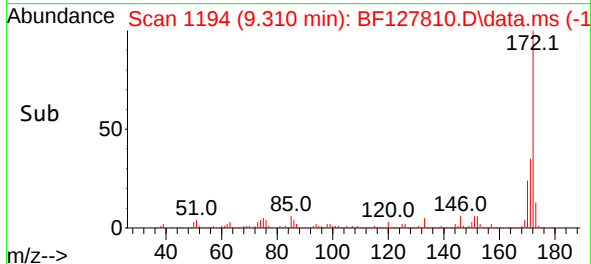
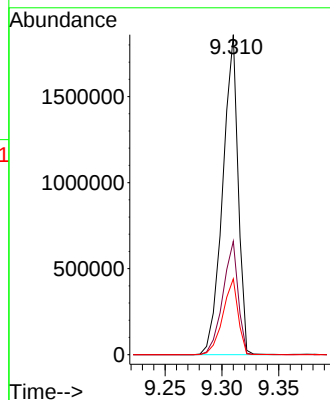
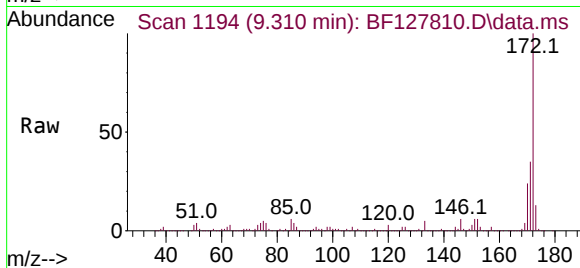
Tgt Ion:172 Resp: 1760062

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.514 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF127810.D

Acq: 15 Apr 2022 18:25

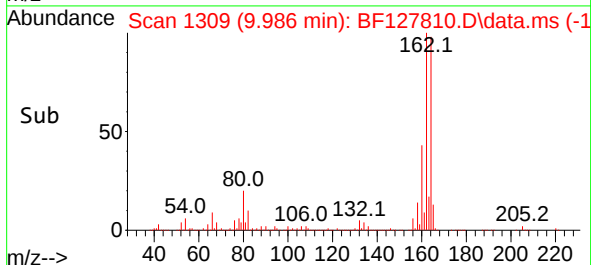
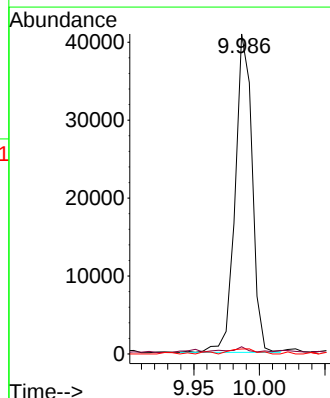
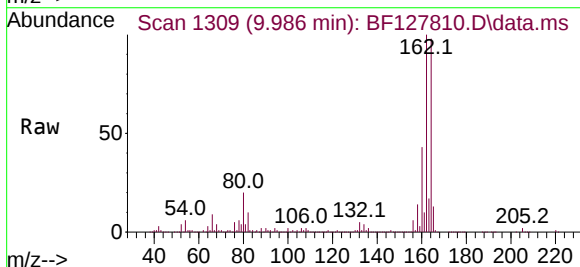
Tgt Ion:165 Resp: 36985

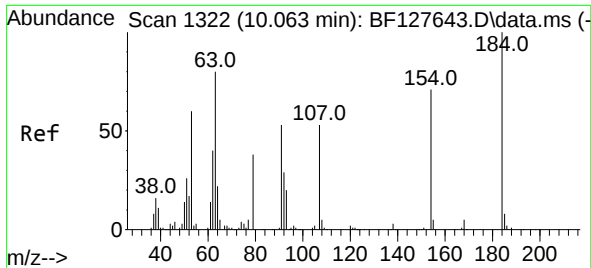
Ion Ratio Lower Upper

165 100

63 2.3 58.3 87.5#

89 1.6 51.5 77.3#

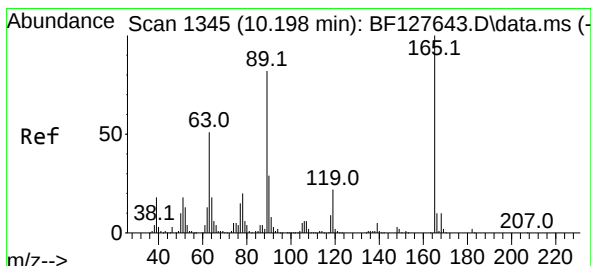
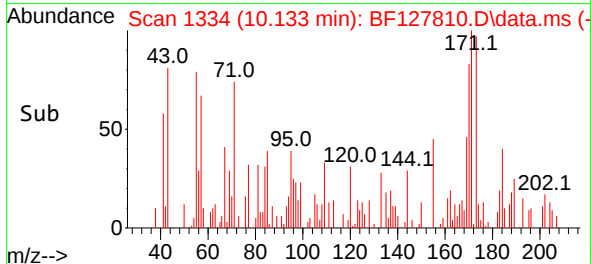
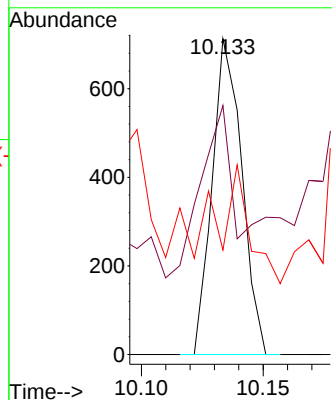
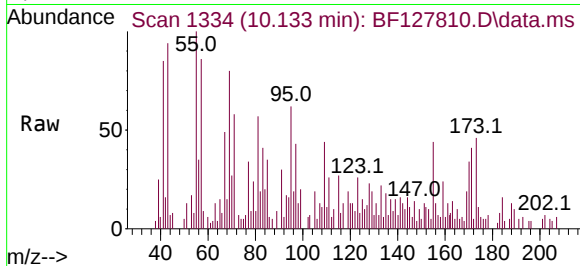




#54
2,4-Dinitrophenol
Concen: 5.600 ng
RT: 10.133 min Scan# 111
Delta R.T. 0.071 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

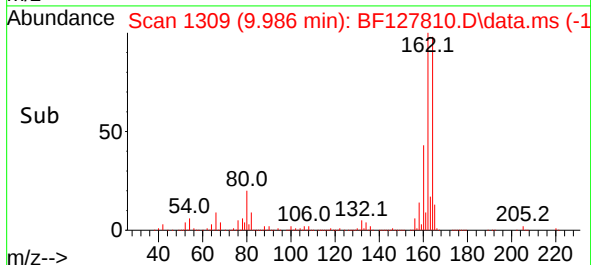
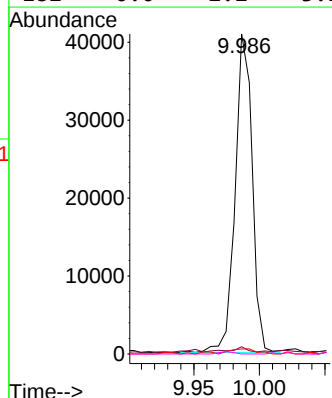
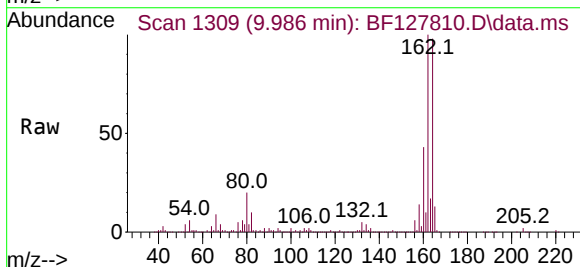
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

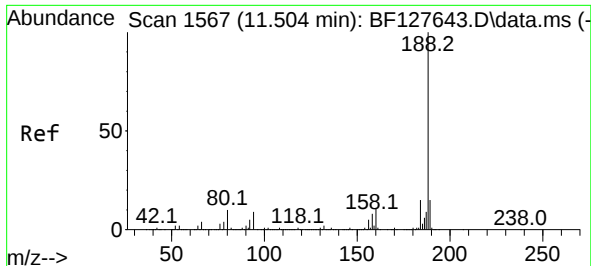
Tgt Ion:184 Resp: 602
Ion Ratio Lower Upper
184 100
63 78.8 58.1 87.1
154 33.1 53.2 79.8#



#57
2,4-Dinitrotoluene
Concen: 7.674 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.206 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:165 Resp: 36985
Ion Ratio Lower Upper
165 100
63 2.3 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#

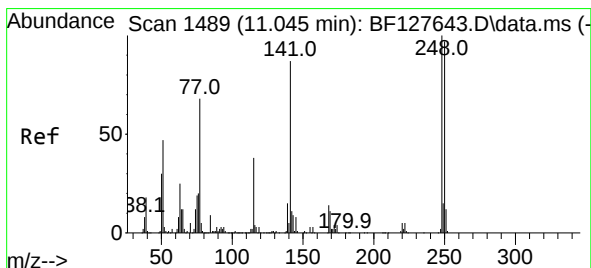
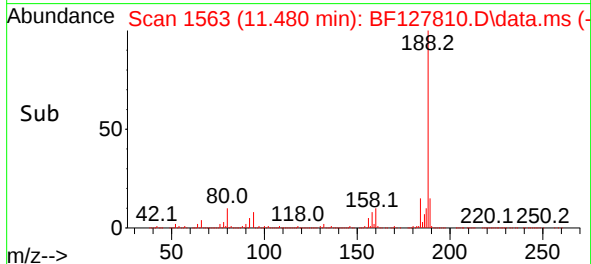
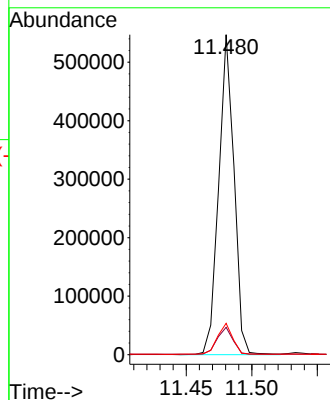
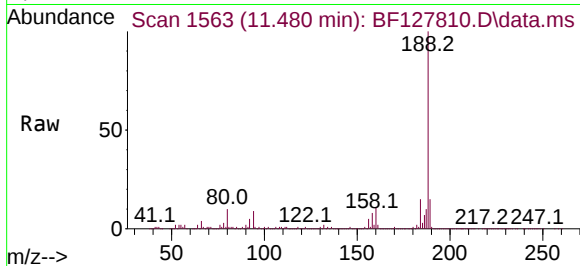




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

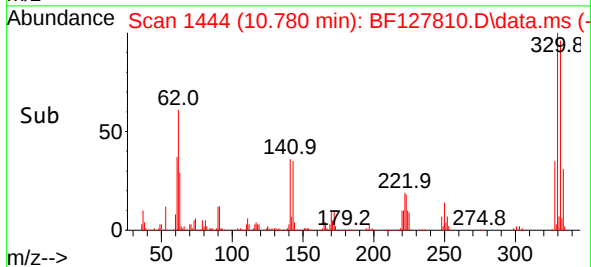
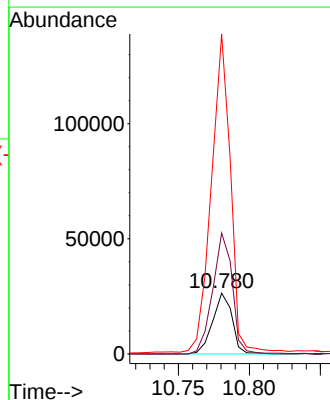
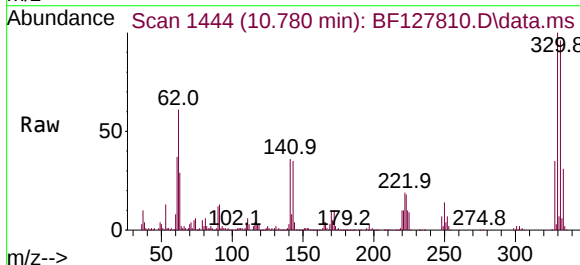
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

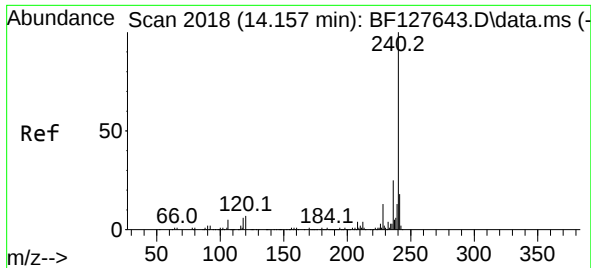
Tgt Ion:188 Resp: 442748
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.675 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.259 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:248 Resp: 25118
Ion Ratio Lower Upper
248 100
250 198.9 76.6 115.0#
141 526.5 52.2 78.2#

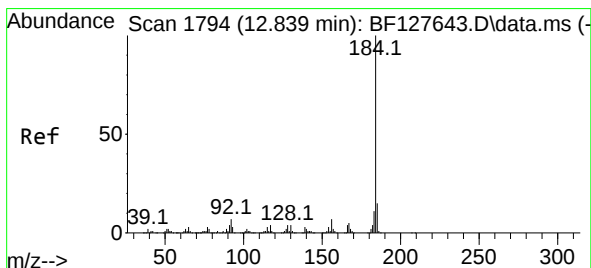
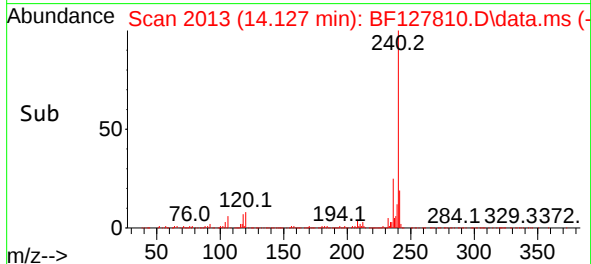
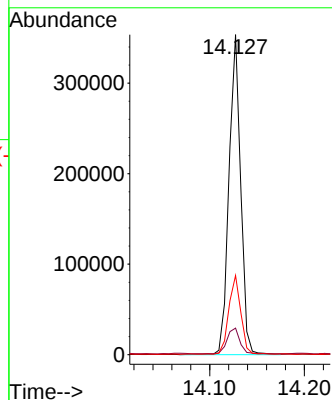
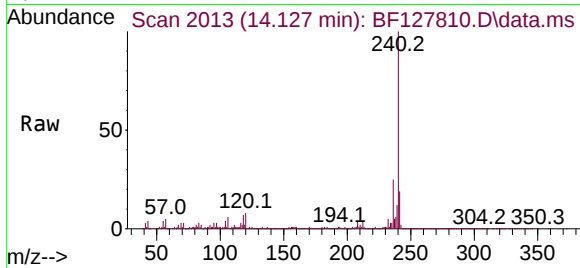




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

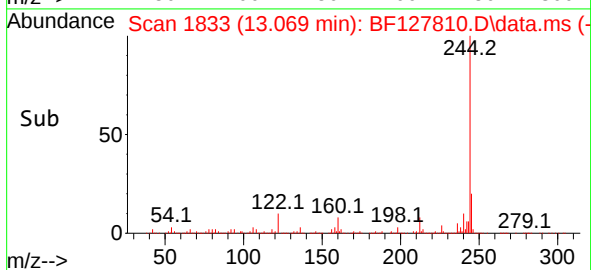
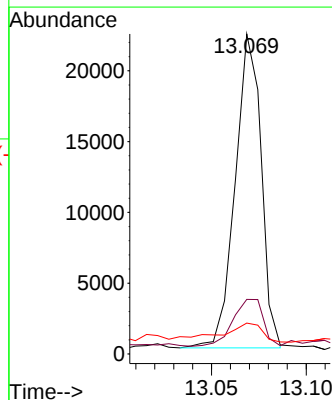
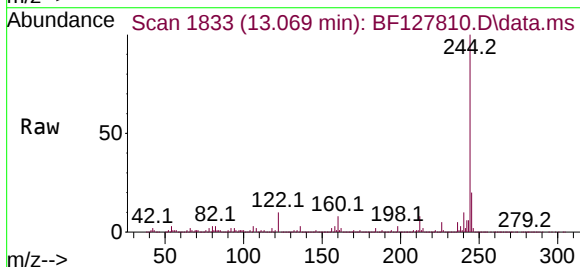
Instrument :
BNA_F
ClientSampleId :
WC-15-1-1

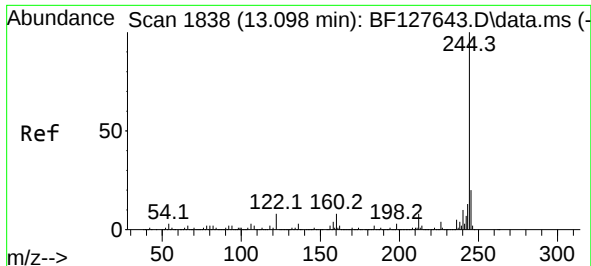
Tgt Ion:240 Resp: 302544
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 24.8 20.7 31.1



#77
Benzidine
Concen: 2.677 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF127810.D
Acq: 15 Apr 2022 18:25

Tgt Ion:184 Resp: 21139
Ion Ratio Lower Upper
184 100
185 17.1 12.2 18.2
183 9.7 9.4 14.0

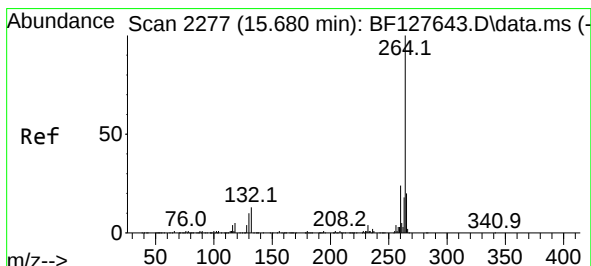
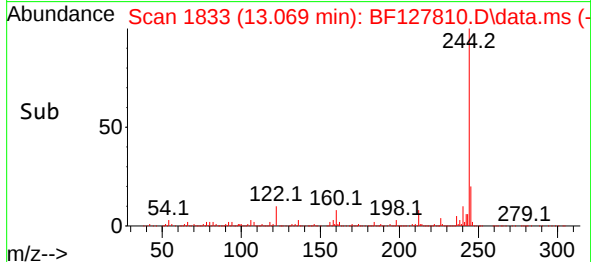
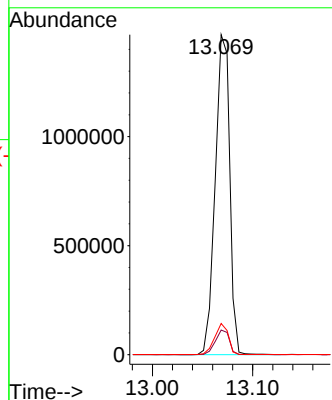
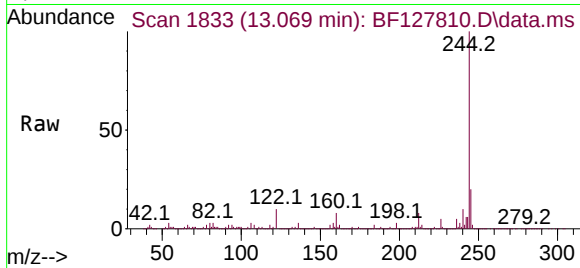




#79
 Terphenyl-d14
 Concen: 80.211 ng
 RT: 13.069 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF127810.D
 Acq: 15 Apr 2022 18:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-1

Tgt Ion:244 Resp: 1470207
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.7 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF127810.D
 Acq: 15 Apr 2022 18:25

Tgt Ion:264 Resp: 320457
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.2 17.4 26.2

