

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128265.D
 Acq On : 16 May 2022 13:40
 Operator : CG\JU
 Sample : N2833-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP02

Quant Time: May 16 15:32:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

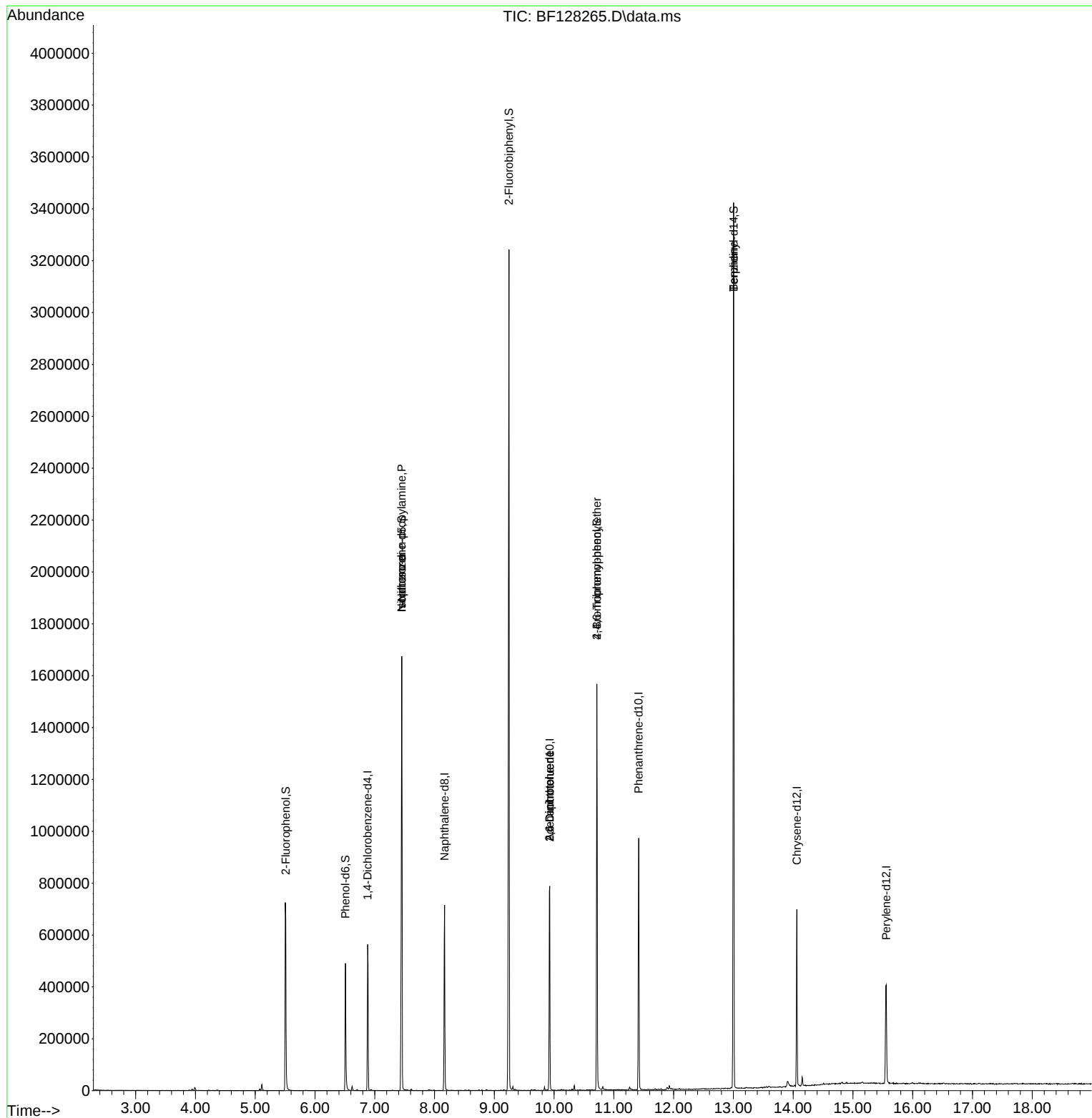
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	78532	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	298955	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	175387	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	332912	20.000	ng	0.00
76) Chrysene-d12	14.063	240	221933	20.000	ng	0.00
86) Perylene-d12	15.557	264	184083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	188950	38.355	ng	0.00
7) Phenol-d6	6.510	99	147480	22.634	ng	-0.02
23) Nitrobenzene-d5	7.451	82	587663	88.451	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	174274	86.640	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	951289	84.868	ng	0.00
79) Terphenyl-d14	13.004	244	1141530	96.515	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	234	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	79857	19.902	ng	# 81
25) Isophorone	7.451	82	586230	56.281	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	22066	8.888	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	22066	6.647	ng	# 25
67) 4-Bromophenyl-phenylether	10.716	248	10537	2.942	ng	# 1
77) Benzydine	13.004	184	16784	3.492	ng	# 94

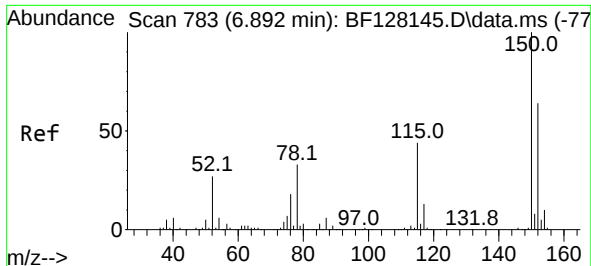
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 14 00:51:21 2022
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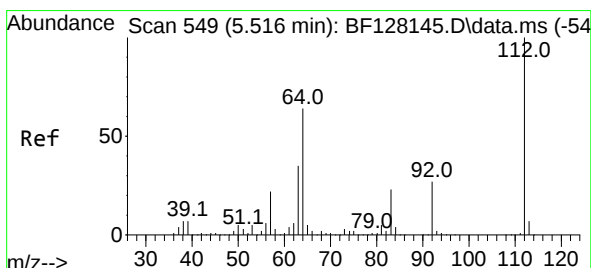
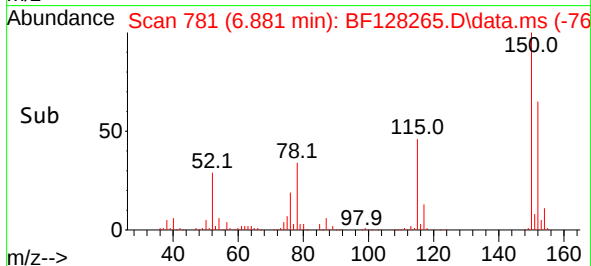
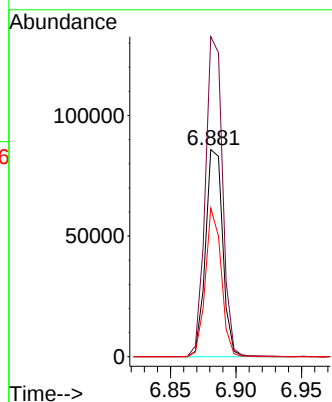
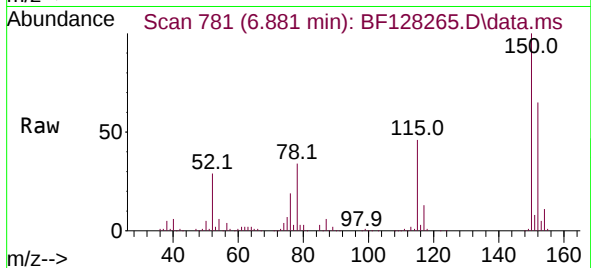




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

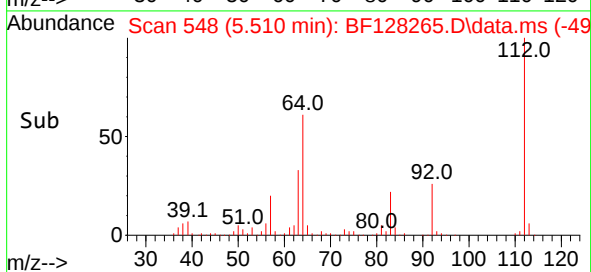
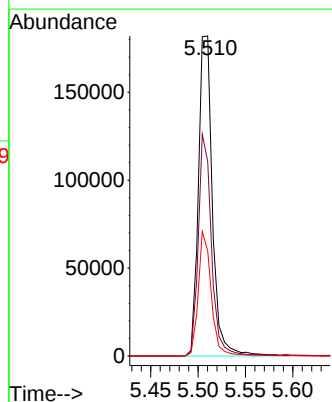
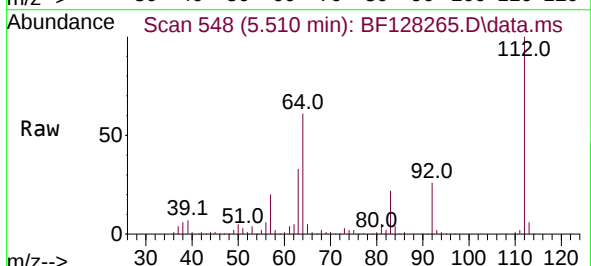
Instrument :
 BNA_F
 ClientSampleId :
 TWP02

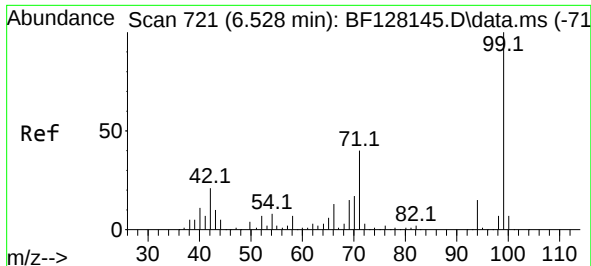
Tgt Ion:152 Resp: 78532
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 71.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 38.355 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

Tgt Ion:112 Resp: 188950
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.5 74.3
 63 32.9 26.3 39.5

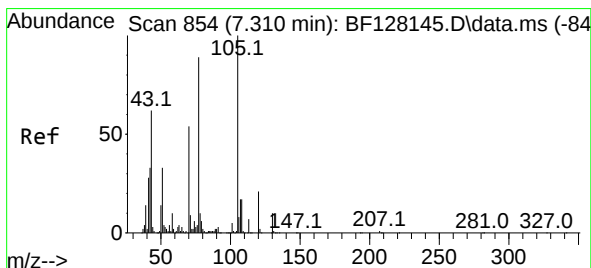
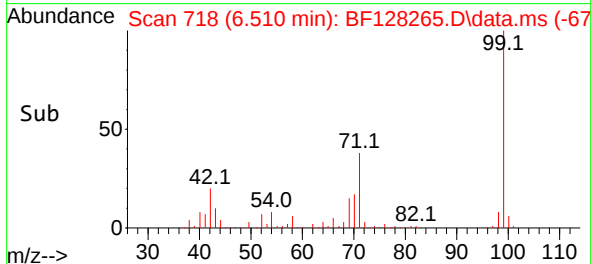
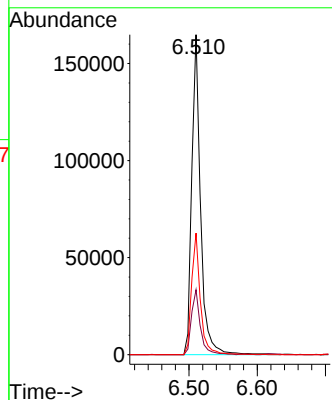
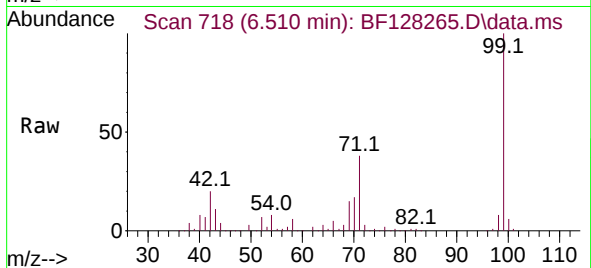




#7
Phenol-d6
Concen: 22.634 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

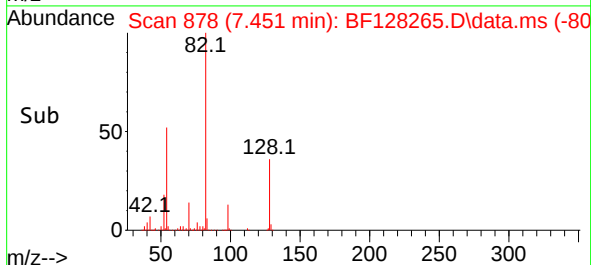
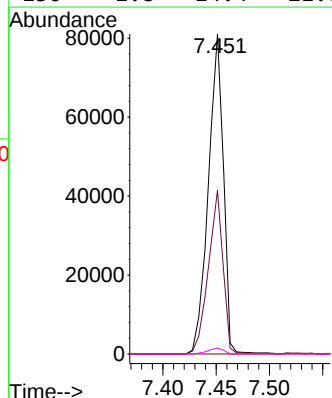
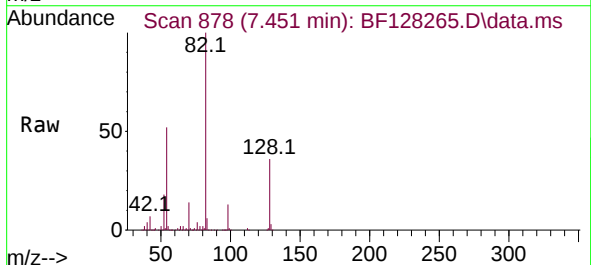
Instrument :
BNA_F
ClientSampleId :
TWP02

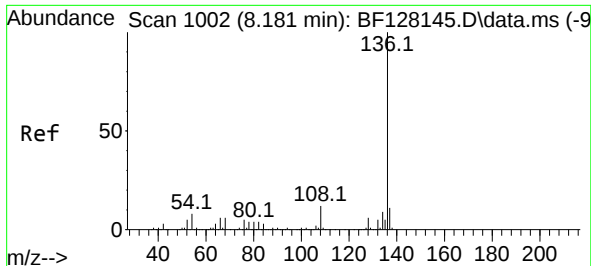
Tgt Ion: 99 Resp: 147480
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.902 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion: 70 Resp: 79857
Ion Ratio Lower Upper
70 100
42 51.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

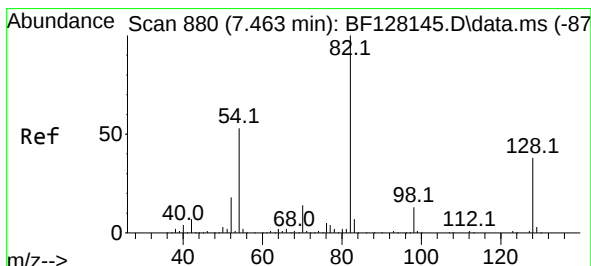
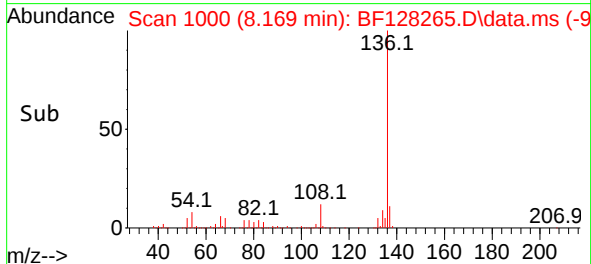
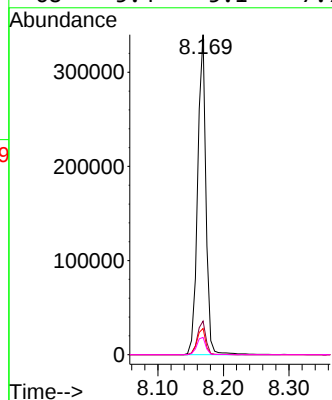
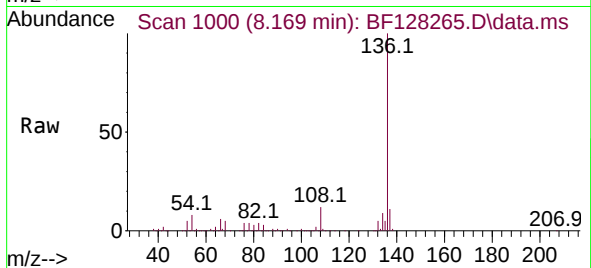




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

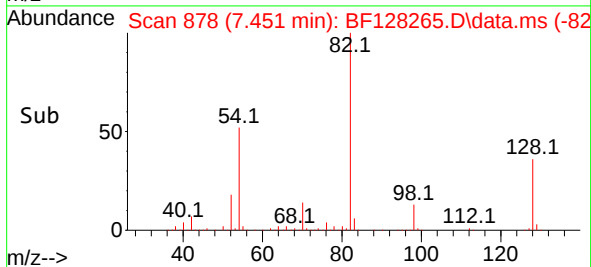
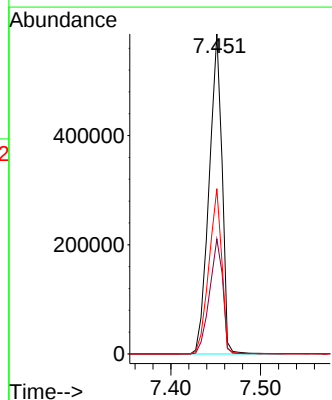
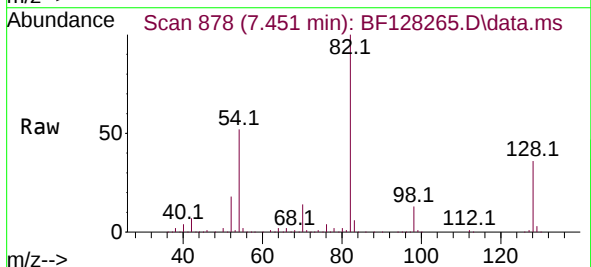
Instrument :
BNA_F
ClientSampleId :
TWP02

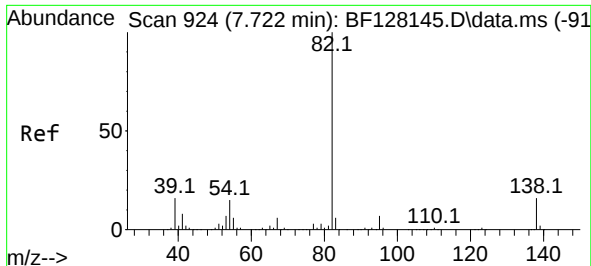
Tgt Ion:	136	Resp:	298955
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	6.8	10.2
68	5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.451 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:	82	Resp:	587663
Ion	Ratio	Lower	Upper
82	100		
128	35.9	30.0	45.0
54	51.6	41.3	61.9

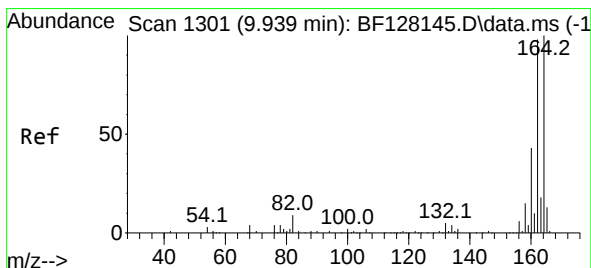
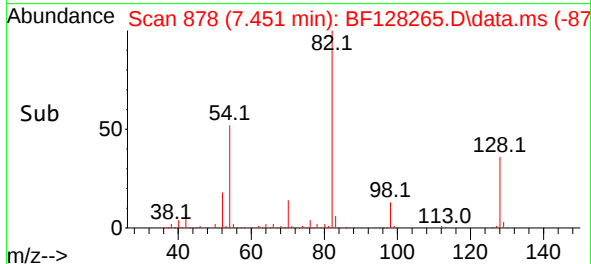
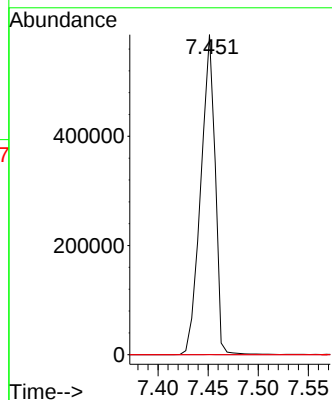
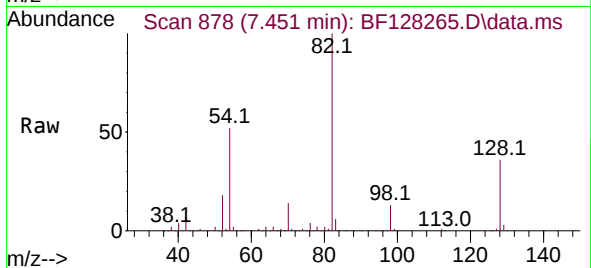




#25
Isophorone
Concen: 56.281 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

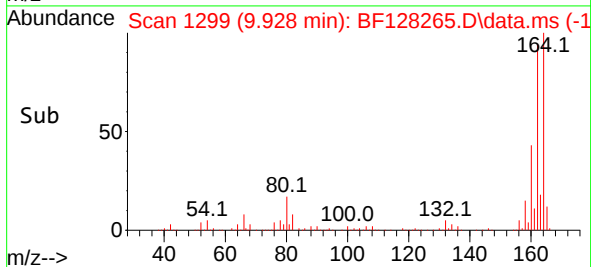
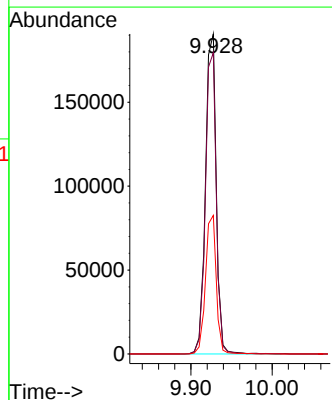
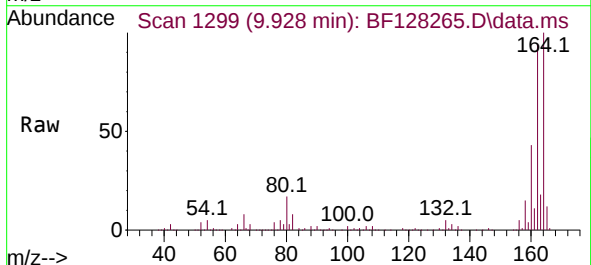
Instrument :
BNA_F
ClientSampleId :
TWP02

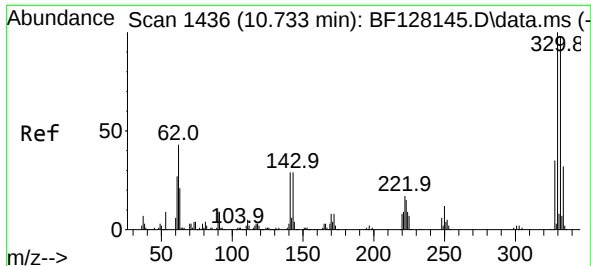
Tgt Ion: 82 Resp: 586230
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:164 Resp: 175387
Ion Ratio Lower Upper
164 100
162 94.1 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.640 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128265.D

Acq: 16 May 2022 13:40

Instrument :

BNA_F

ClientSampleId :

TWP02

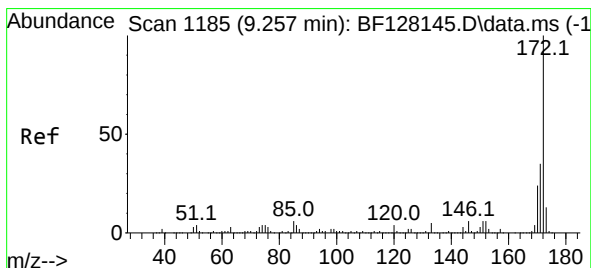
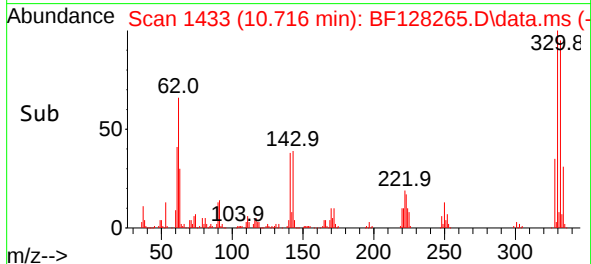
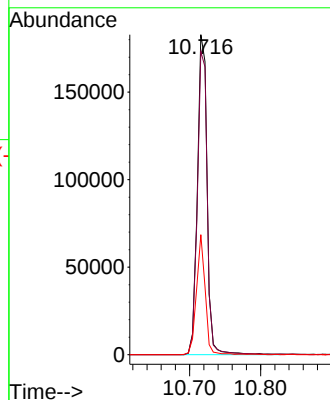
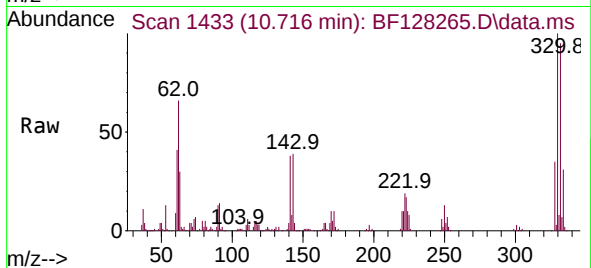
Tgt Ion:330 Resp: 174274

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.868 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128265.D

Acq: 16 May 2022 13:40

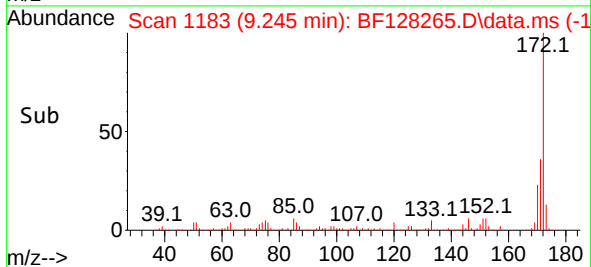
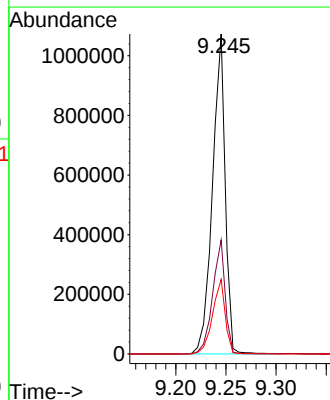
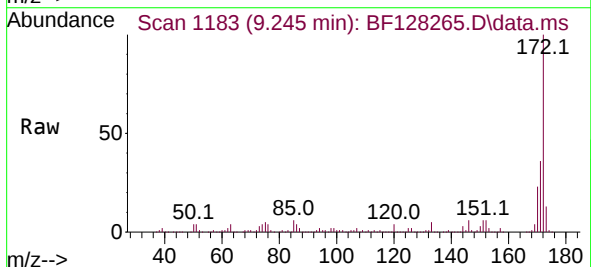
Tgt Ion:172 Resp: 951289

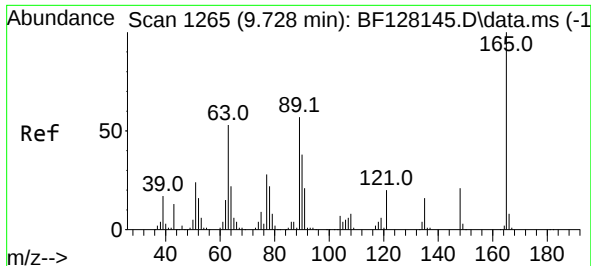
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.3 19.1 28.7

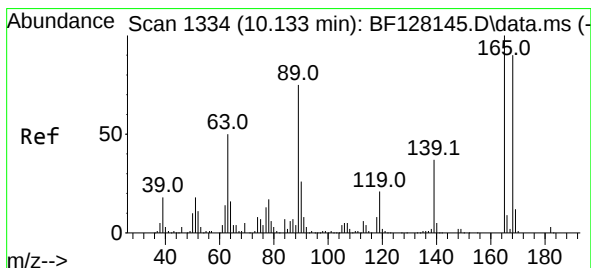
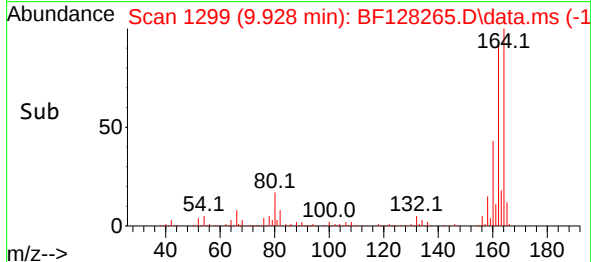
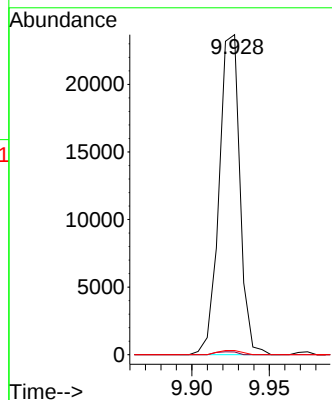
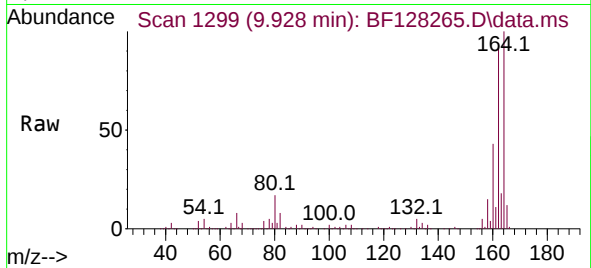




#51
2,6-Dinitrotoluene
Concen: 8.888 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

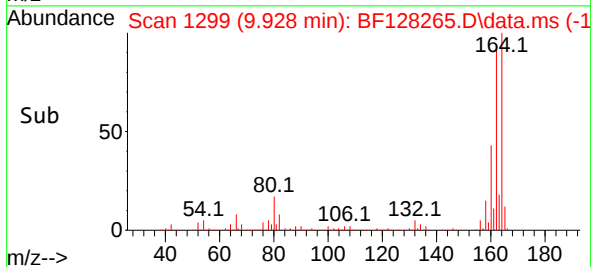
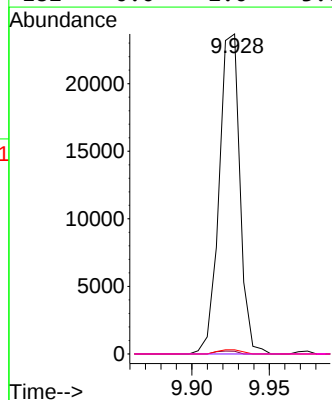
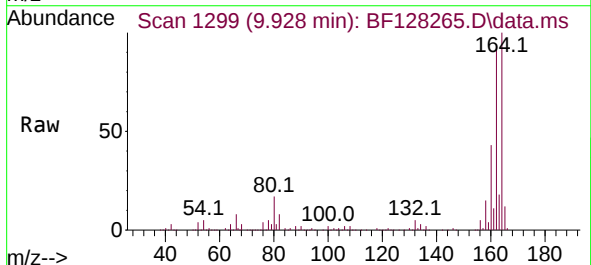
Instrument :
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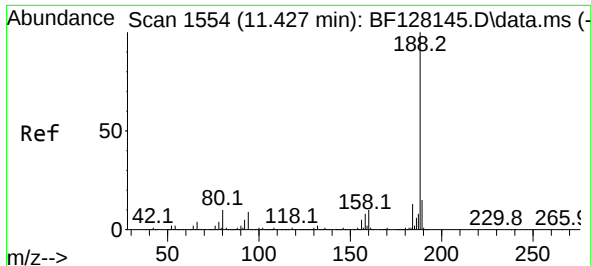
Tgt Ion:165 Resp: 22066
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:165 Resp: 22066
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

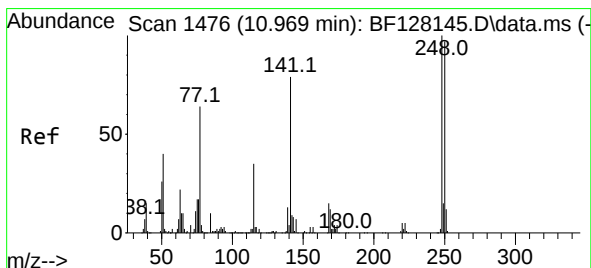
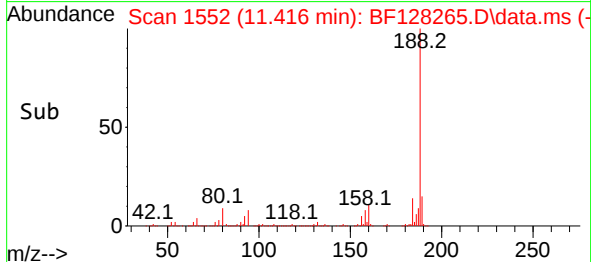
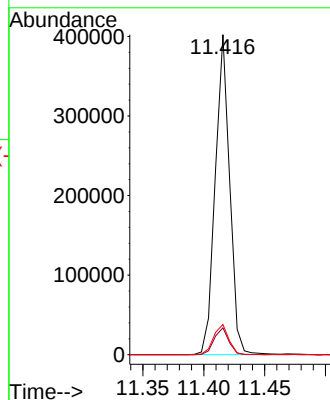
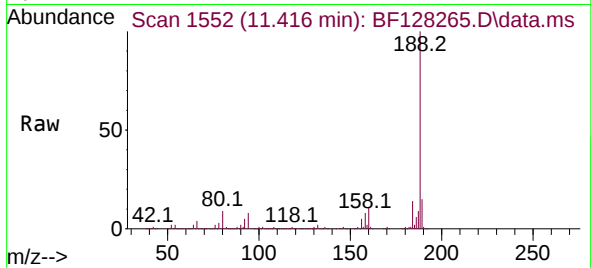




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

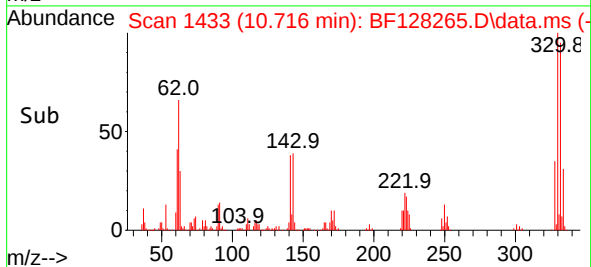
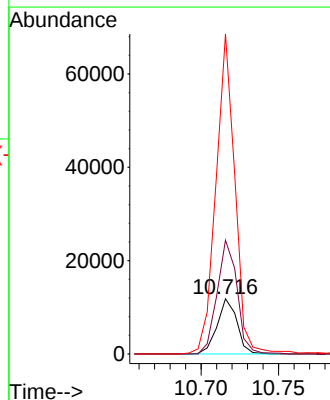
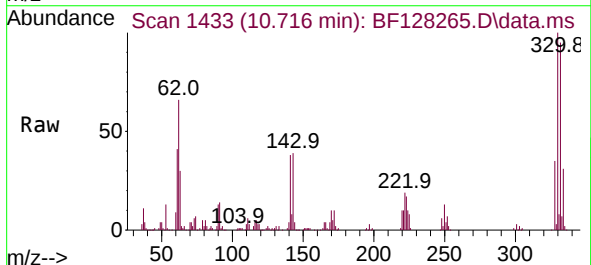
Instrument :
BNA_F
ClientSampleId :
TWP02

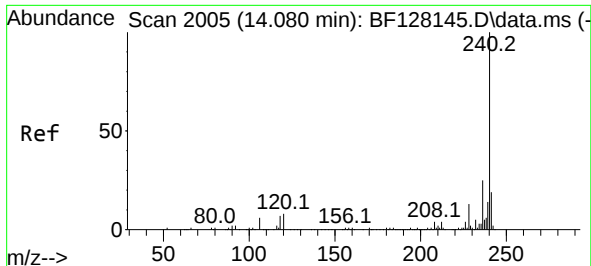
Tgt Ion:188 Resp: 332912
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.942 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:248 Resp: 10537
Ion Ratio Lower Upper
248 100
250 206.1 77.7 116.5#
141 579.8 65.6 98.4#

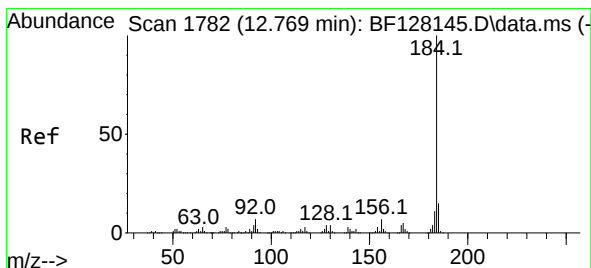
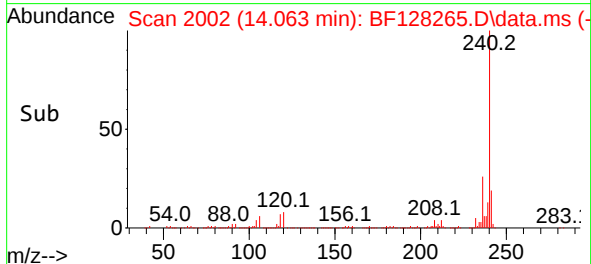
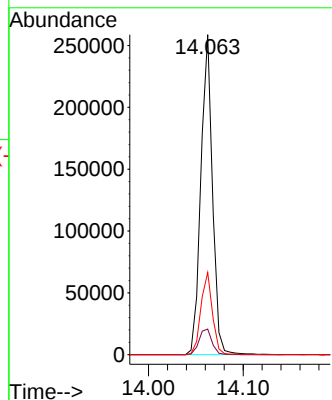
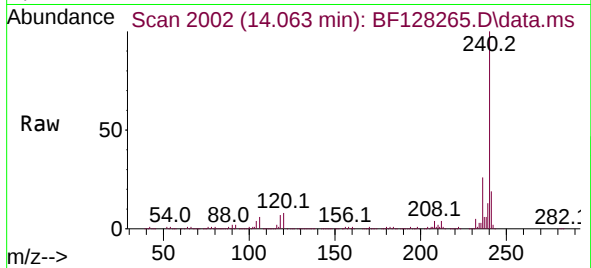




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

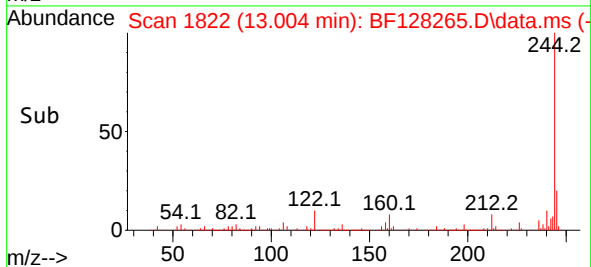
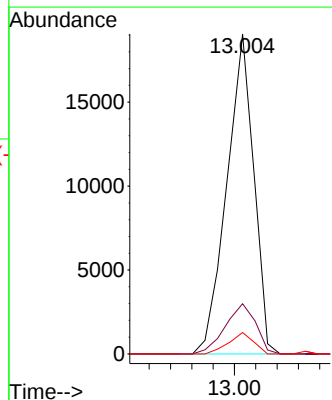
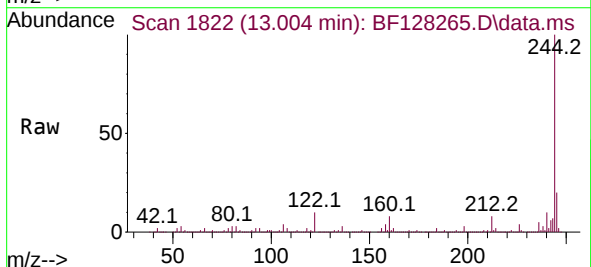
Instrument :
BNA_F
ClientSampleId :
TWP02

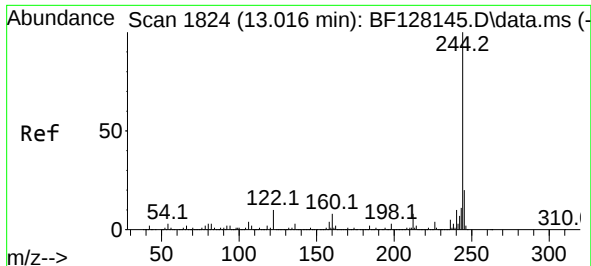
Tgt Ion:240 Resp: 221933
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 3.492 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF128265.D
Acq: 16 May 2022 13:40

Tgt Ion:184 Resp: 16784
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 6.7 9.0 13.4#

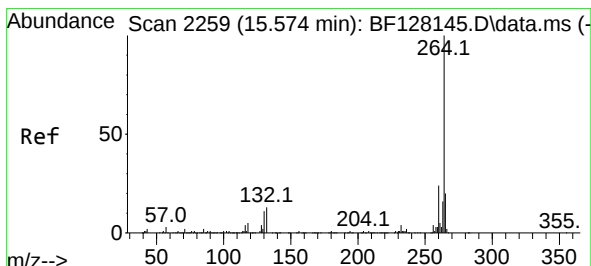
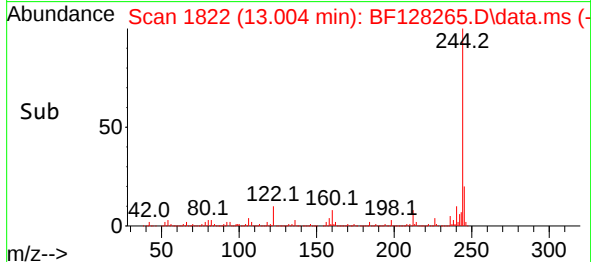
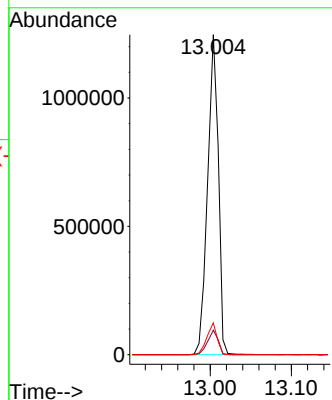
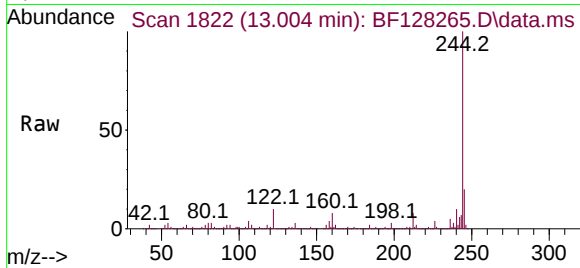




#79
 Terphenyl-d14
 Concen: 96.515 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

Instrument :
 BNA_F
 ClientSampleId :
 TWP02

Tgt Ion:244 Resp: 1141530
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128265.D
 Acq: 16 May 2022 13:40

Tgt Ion:264 Resp: 184083
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.0 17.5 26.3

