

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128201.D
 Acq On : 11 May 2022 18:20
 Operator : CG\JU
 Sample : N2762-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Quant Time: May 12 06:00:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

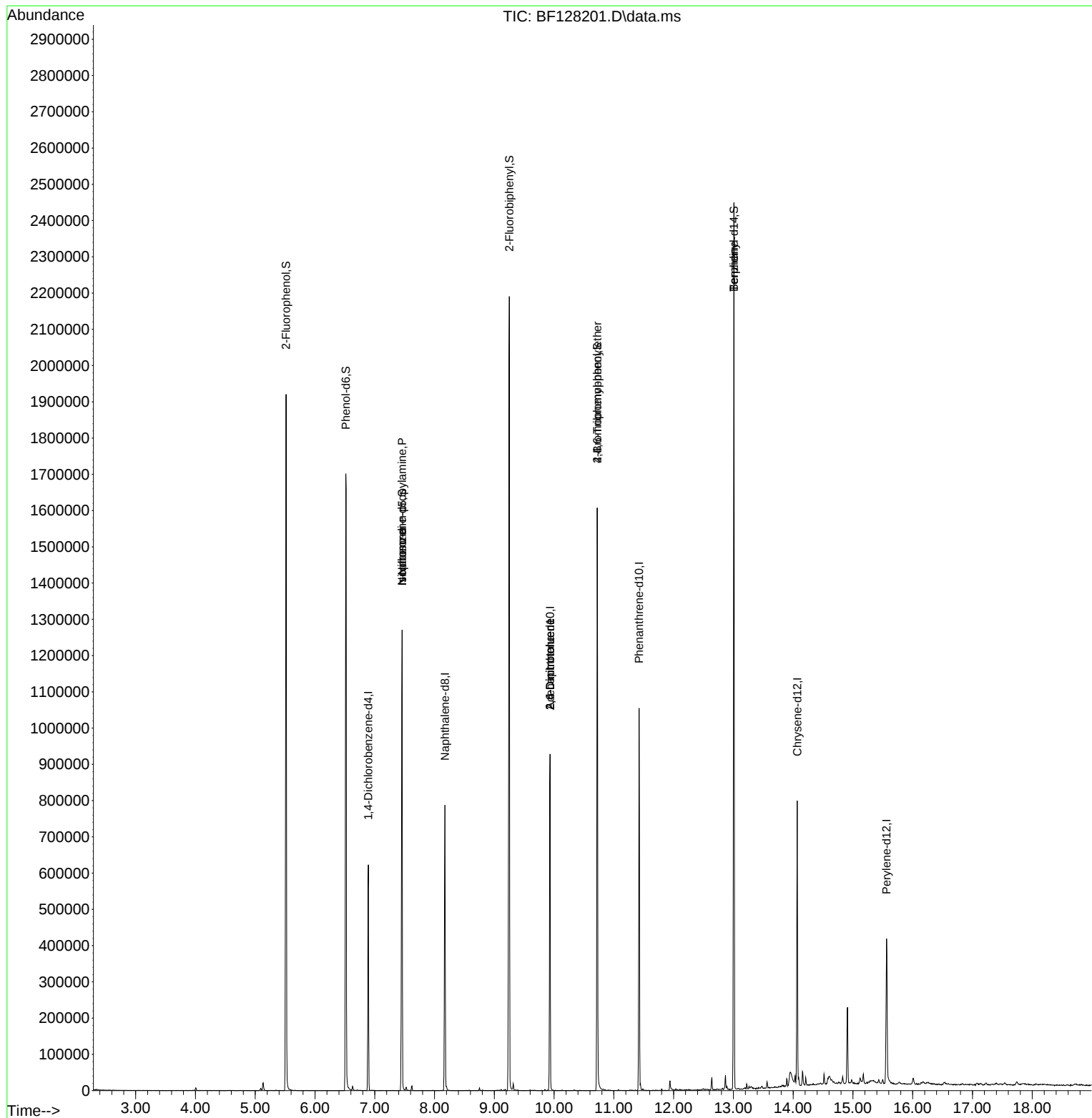
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85897	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	337344	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	197934	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	366951	20.000	ng	0.00
76) Chrysene-d12	14.068	240	249410	20.000	ng	-0.01
86) Perylene-d12	15.562	264	181917	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	458498	85.091	ng	0.00
7) Phenol-d6	6.516	99	609671	85.545	ng	-0.01
23) Nitrobenzene-d5	7.457	82	432587	57.701	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	190101	83.743	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	714862	56.511	ng	0.00
79) Terphenyl-d14	13.010	244	777392	58.486	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	1079	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	58842	13.407	ng	# 76
25) Isophorone	7.457	82	430603	36.636	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	26102	9.316	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	26102	6.967	ng	# 26
67) 4-Bromophenyl-phenylether	10.721	248	11125	2.818	ng	# 1
77) Benizidine	13.010	184	11407	2.112	ng	# 90

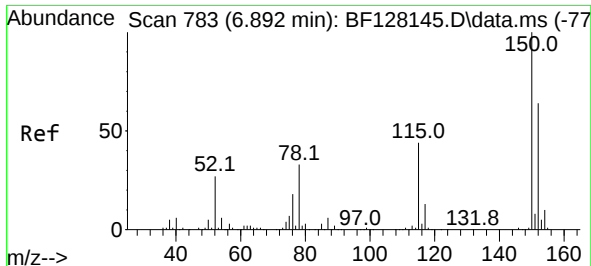
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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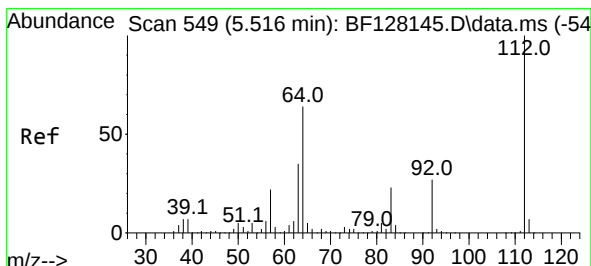
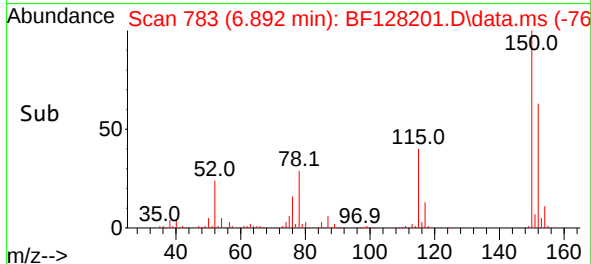
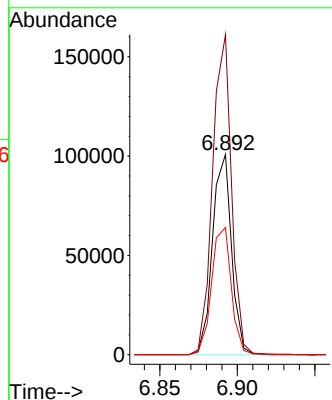
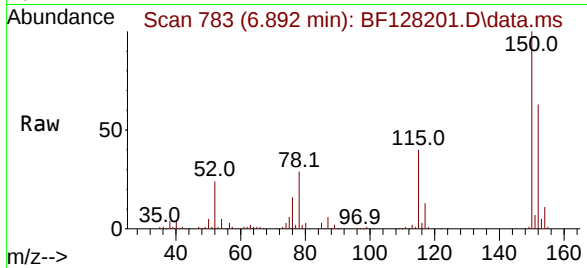




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

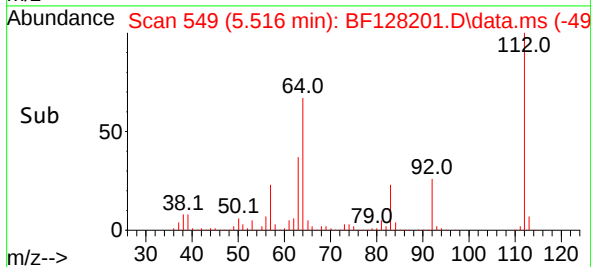
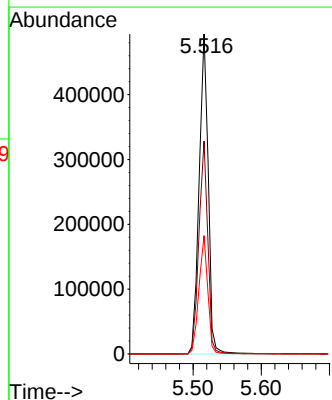
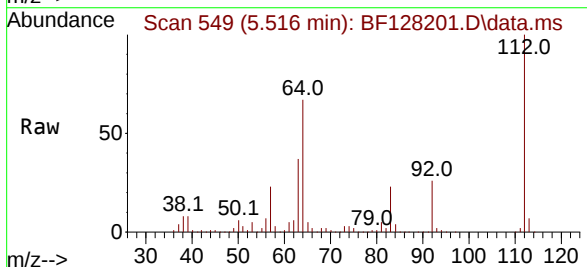
Instrument :
BNA_F
ClientSampleId :
SB03

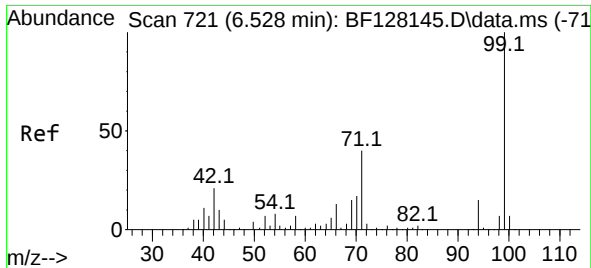
Tgt Ion:152 Resp: 85897
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 63.5 48.8 73.2



#5
2-Fluorophenol
Concen: 85.091 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:112 Resp: 458498
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 37.0 26.3 39.5

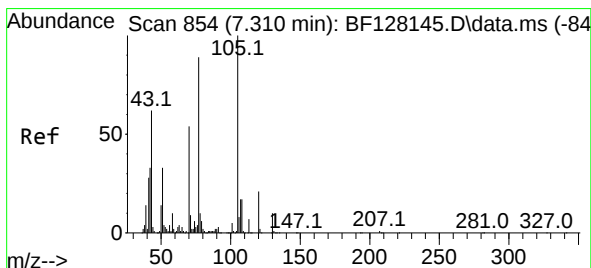
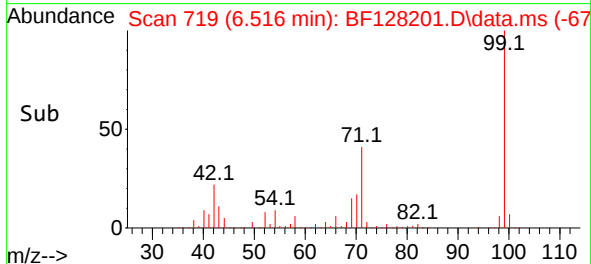
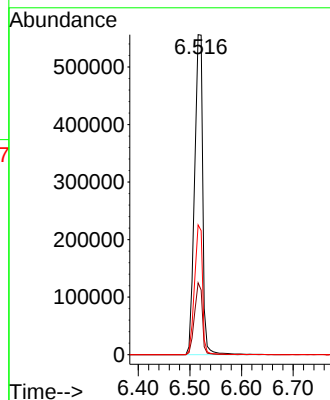
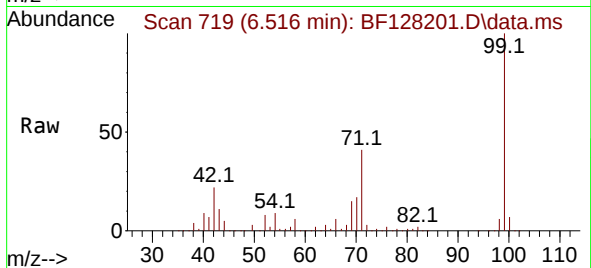




#7
Phenol-d6
Concen: 85.545 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

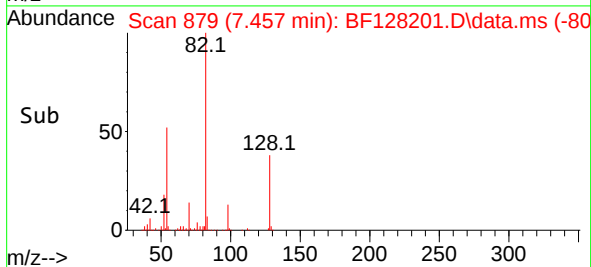
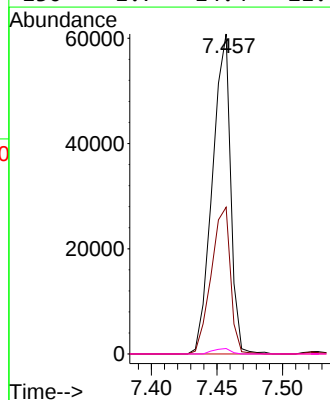
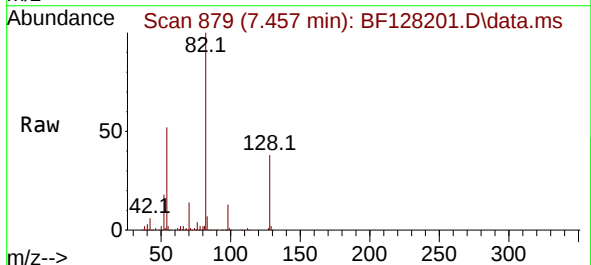
Instrument :
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ClientSampleId :
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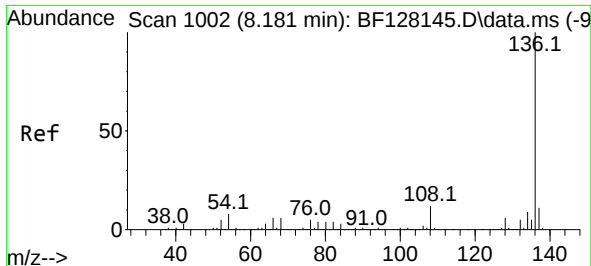
Tgt Ion: 99 Resp: 609671
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.407 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion: 70 Resp: 58842
Ion Ratio Lower Upper
70 100
42 45.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

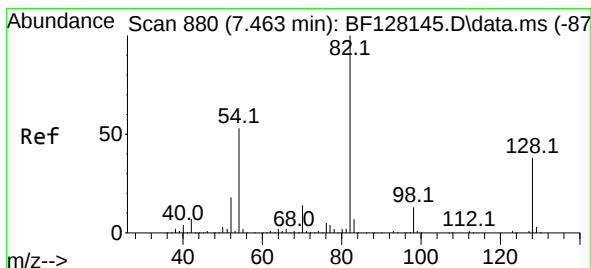
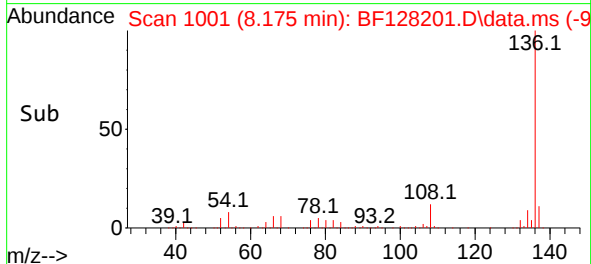
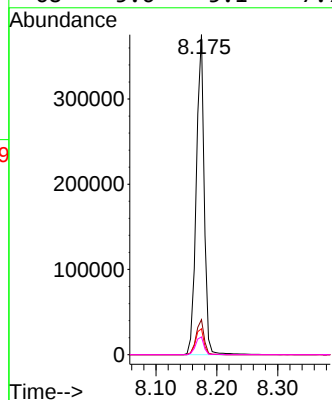
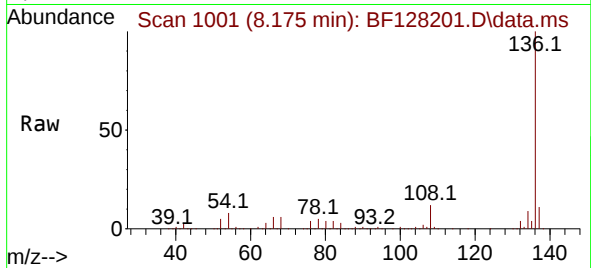




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

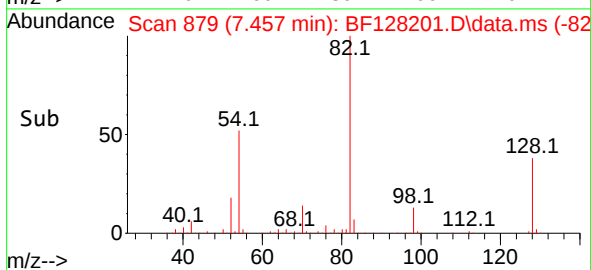
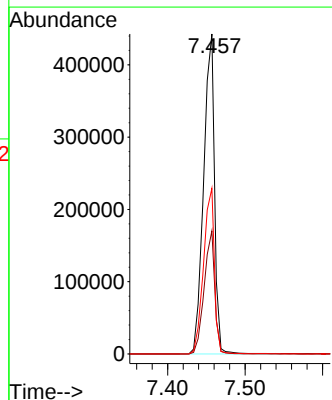
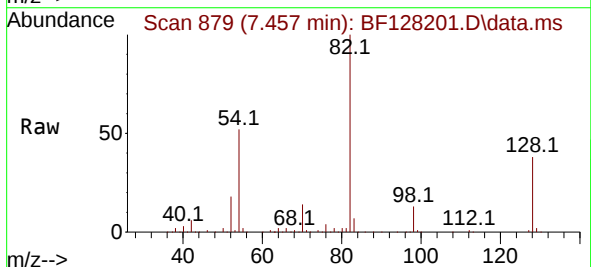
Instrument :
BNA_F
ClientSampleId :
SB03

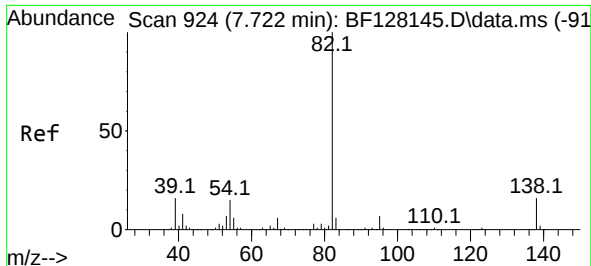
Tgt Ion:136	Resp: 337344
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.1	6.8 10.2
68 5.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 57.701 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion: 82	Resp: 432587
Ion Ratio	Lower Upper
82 100	
128 38.4	30.0 45.0
54 51.8	41.3 61.9

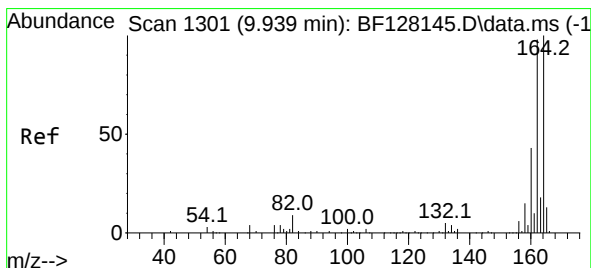
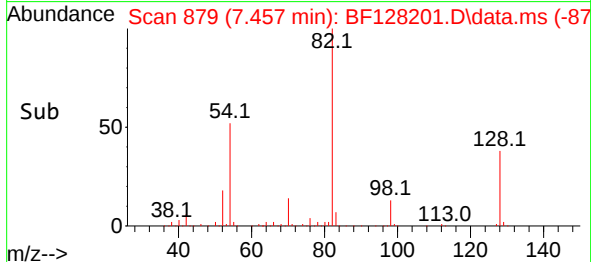
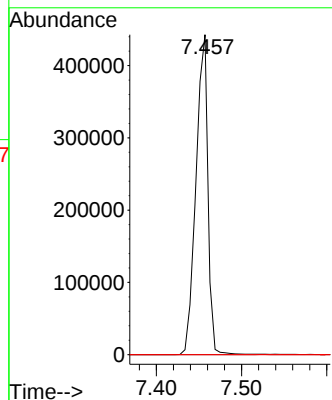
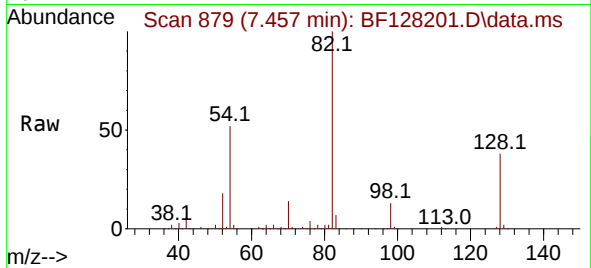




#25
Isophorone
Concen: 36.636 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

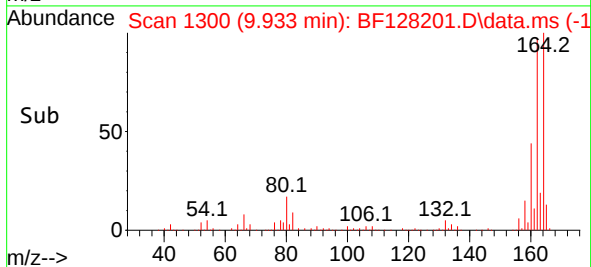
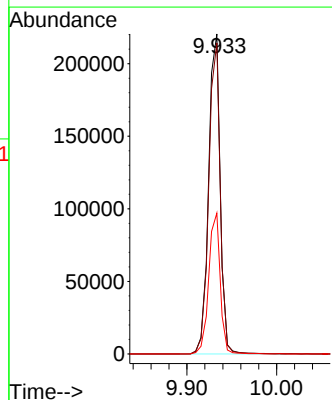
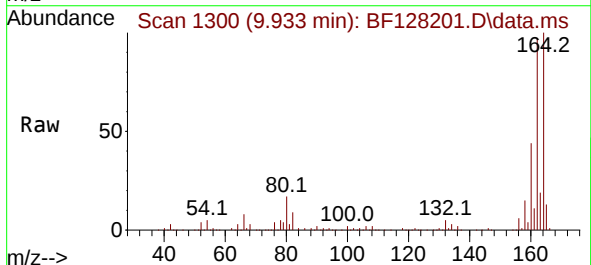
Instrument :
BNA_F
ClientSampleId :
SB03

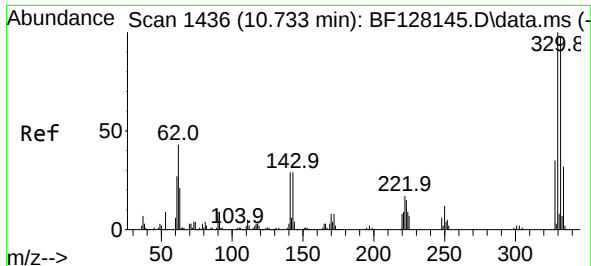
Tgt Ion: 82 Resp: 430603
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:164 Resp: 197934
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 83.743 ng

RT: 10.721 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF128201.D

Acq: 11 May 2022 18:20

Instrument :

BNA_F

ClientSampleId :

SB03

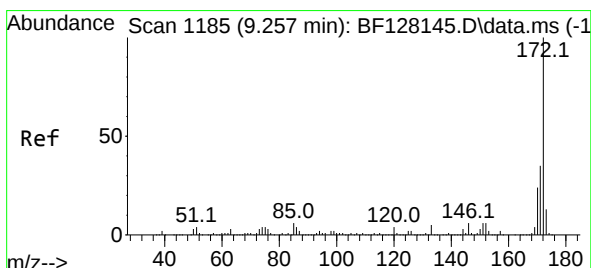
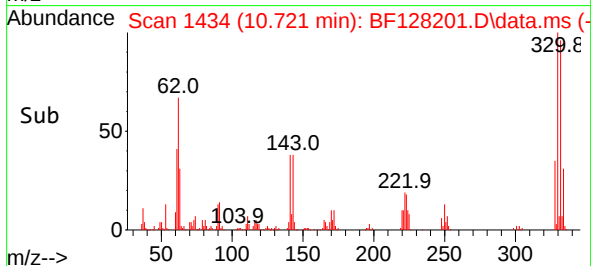
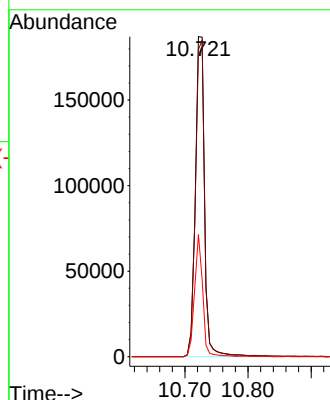
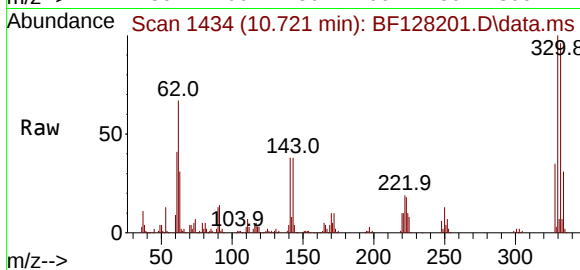
Tgt Ion:330 Resp: 190101

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.511 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128201.D

Acq: 11 May 2022 18:20

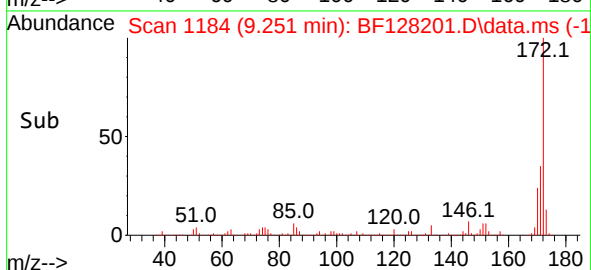
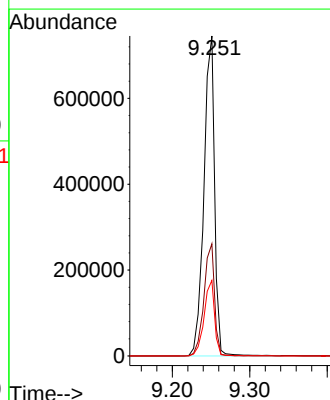
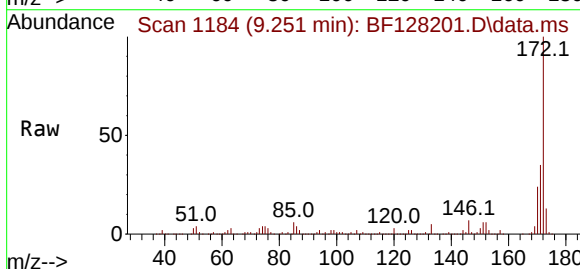
Tgt Ion:172 Resp: 714862

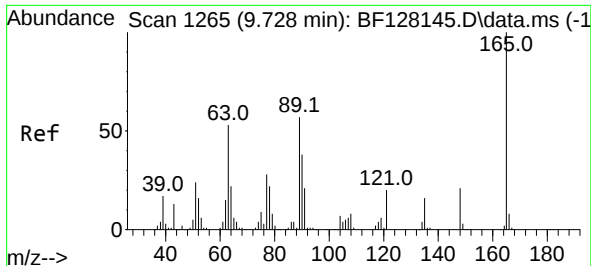
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7

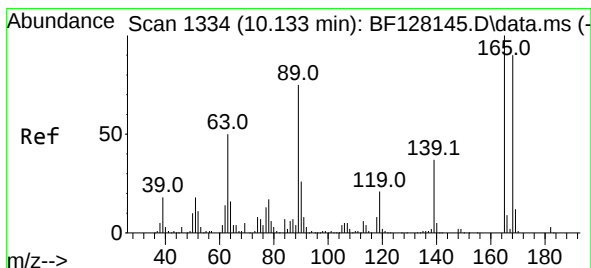
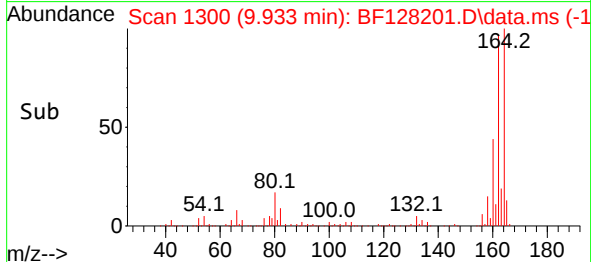
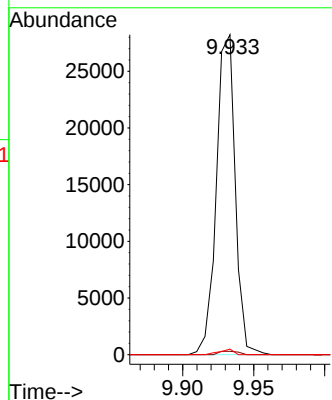
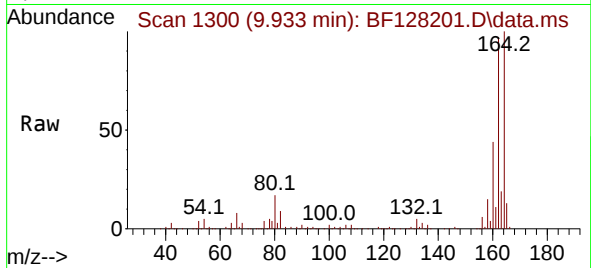




#51
2,6-Dinitrotoluene
Concen: 9.316 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

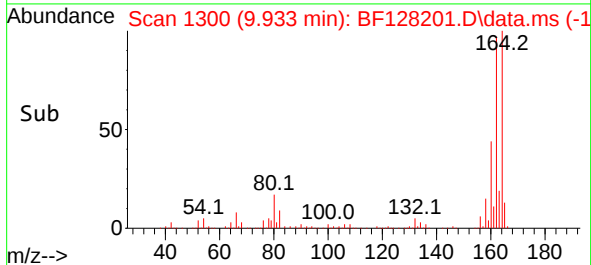
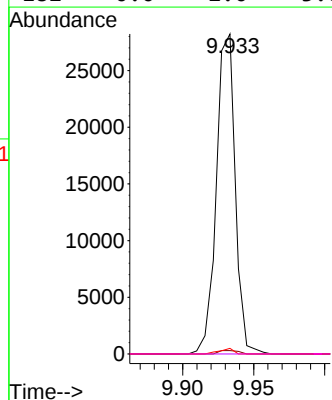
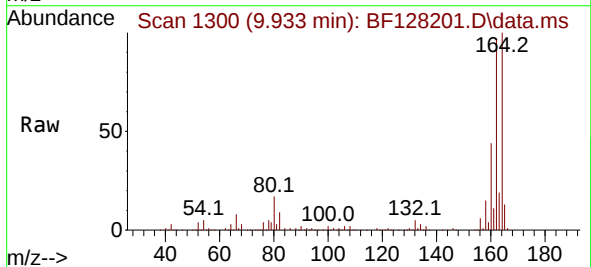
Instrument :
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ClientSampleId :
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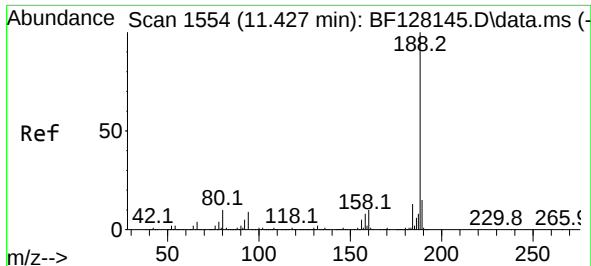
Tgt Ion:165 Resp: 26102
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.967 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:165 Resp: 26102
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

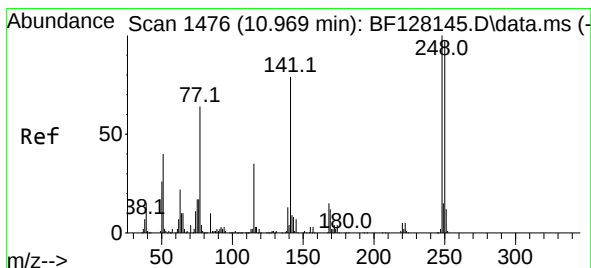
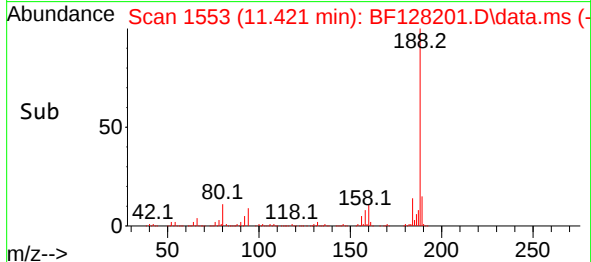
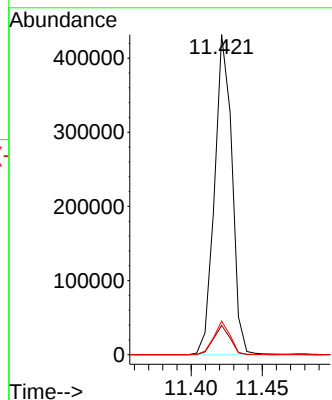
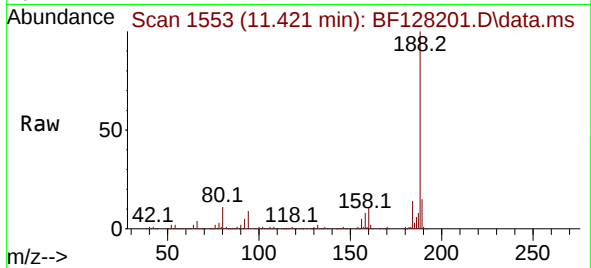




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

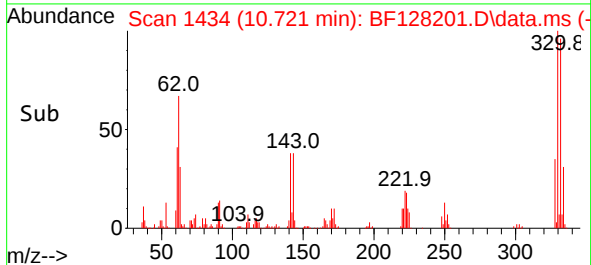
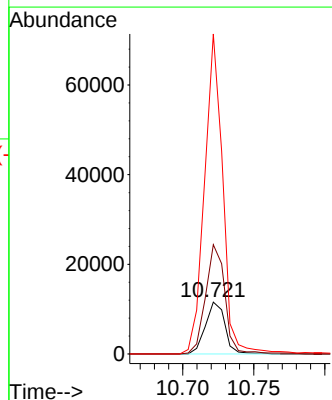
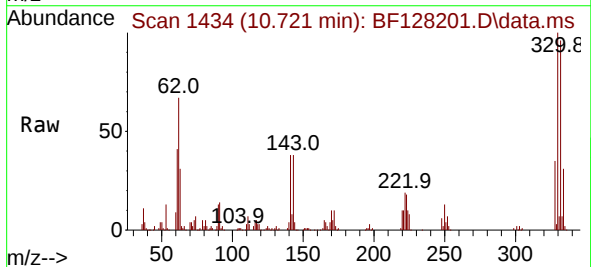
Instrument :
BNA_F
ClientSampleId :
SB03

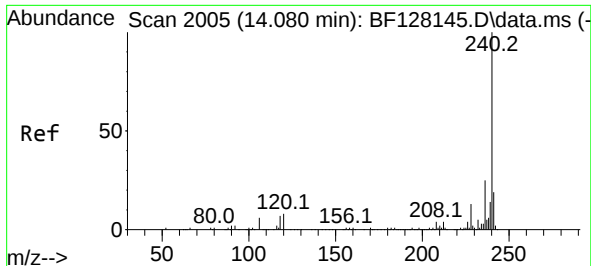
Tgt Ion:188 Resp: 366951
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.721 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:248 Resp: 11125
Ion Ratio Lower Upper
248 100
250 210.6 77.7 116.5#
141 616.7 65.6 98.4#

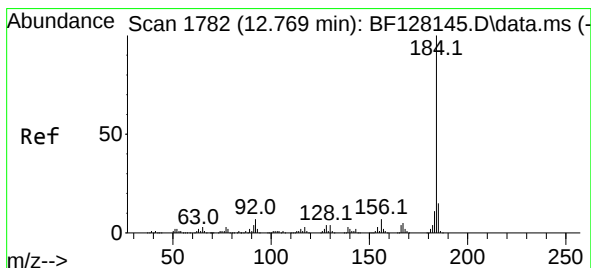
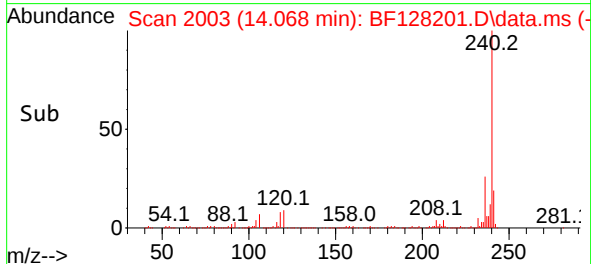
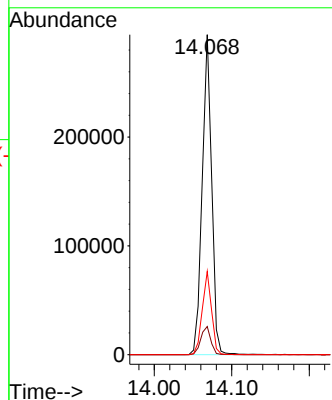
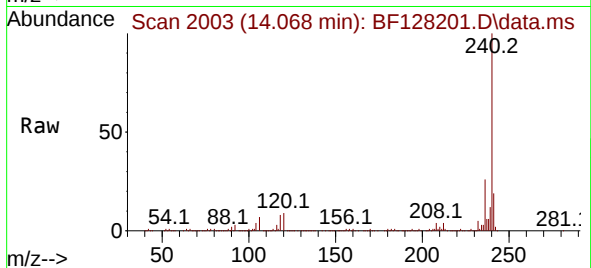




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

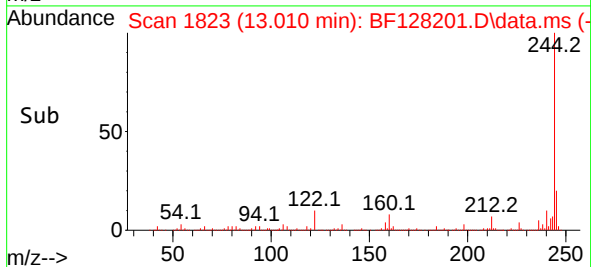
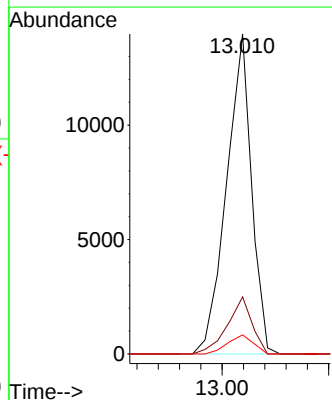
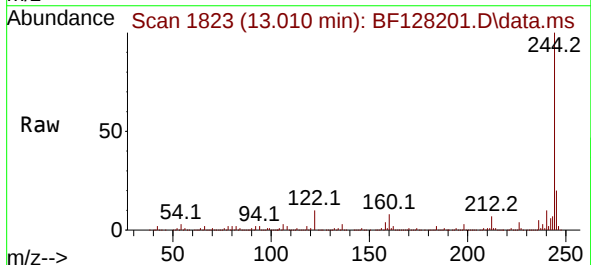
Instrument :
BNA_F
ClientSampleId :
SB03

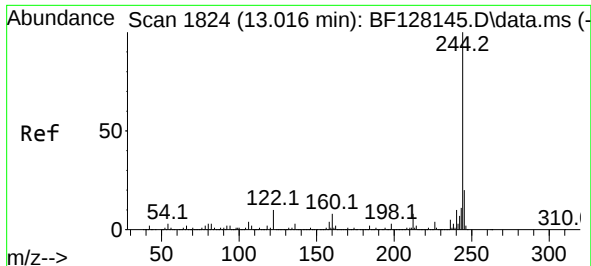
Tgt Ion:240 Resp: 249410
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 2.112 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128201.D
Acq: 11 May 2022 18:20

Tgt Ion:184 Resp: 11407
Ion Ratio Lower Upper
184 100
185 17.9 12.1 18.1
183 5.9 9.0 13.4#

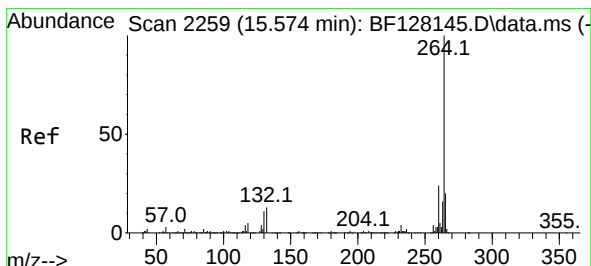
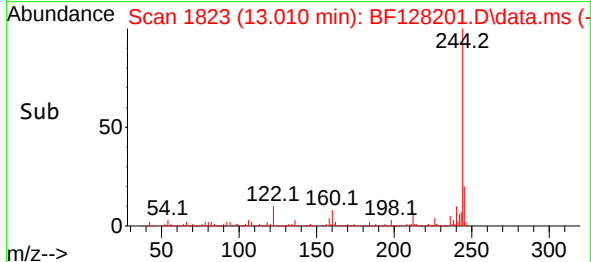
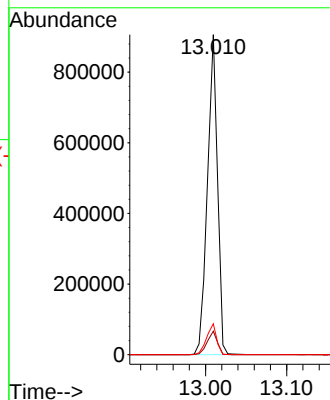
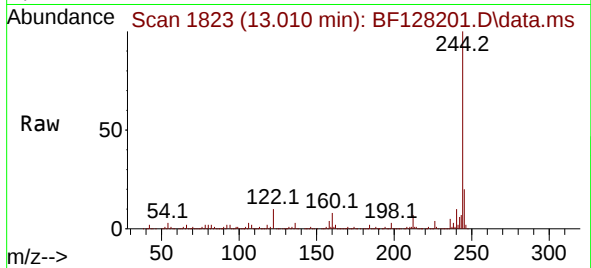




#79
 Terphenyl-d14
 Concen: 58.486 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128201.D
 Acq: 11 May 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Tgt Ion:244 Resp: 777392
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128201.D
 Acq: 11 May 2022 18:20

Tgt Ion:264 Resp: 181917
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.3 17.5 26.3

