

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128169.D
 Acq On : 10 May 2022 19:33
 Operator : CG\JU
 Sample : N2749-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: May 11 04:01:28 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)

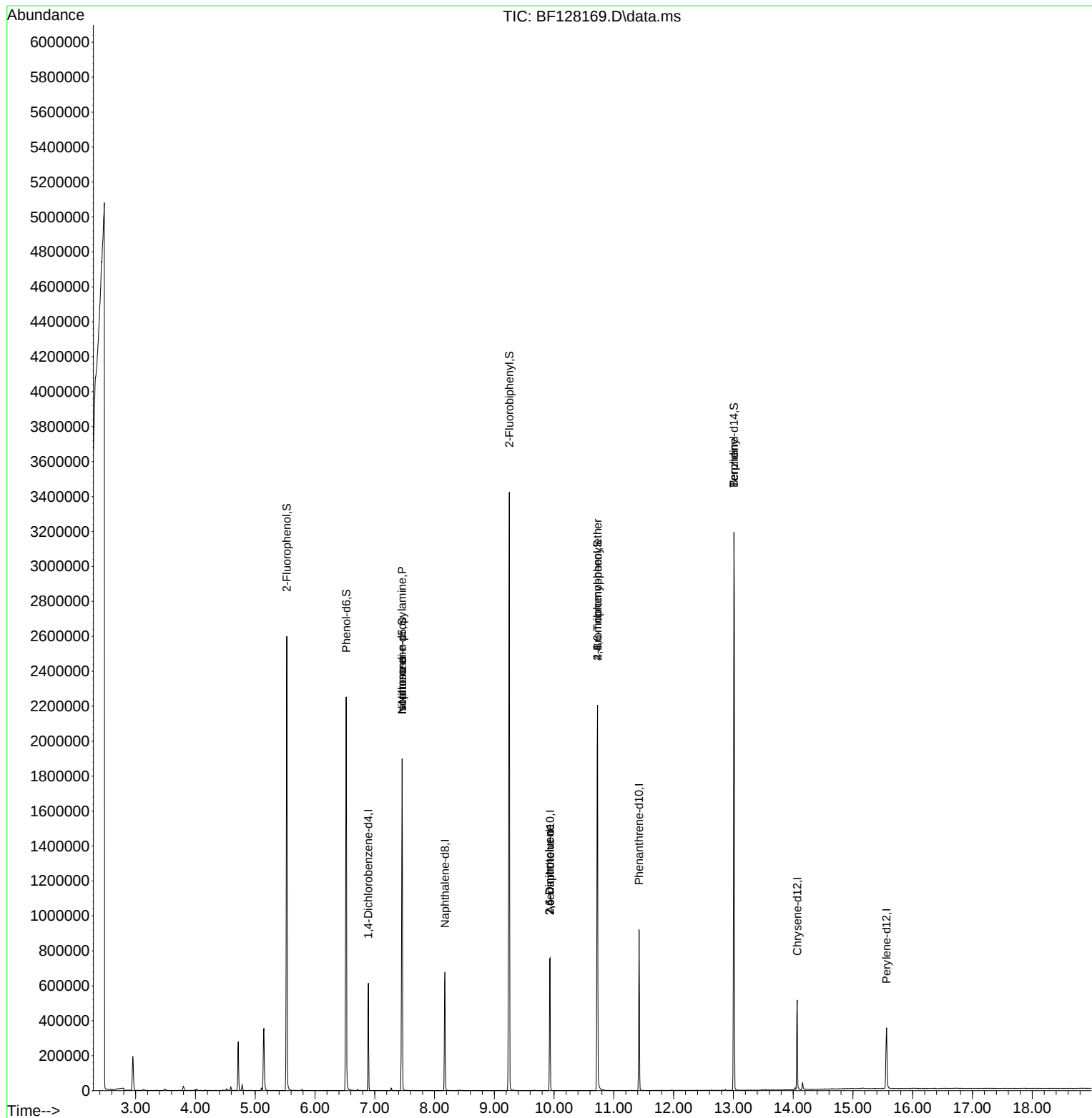
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78407	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	304324	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	173049	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	317728	20.000	ng	0.00
76) Chrysene-d12	14.068	240	175621	20.000	ng	-0.01
86) Perylene-d12	15.562	264	173258	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	666484	135.506	ng	0.01
7) Phenol-d6	6.522	99	783844	120.491	ng	0.00
23) Nitrobenzene-d5	7.457	82	673409	99.569	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	285548	143.877	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1103670	99.793	ng	0.00
79) Terphenyl-d14	13.010	244	1186346	126.755	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1523	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	92913	23.192	ng	# 79
25) Isophorone	7.457	82	672428	63.417	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	22514	9.191	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	22514	6.873	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	17229	5.040	ng	# 1
77) Benizidine	13.010	184	17346	4.560	ng	# 91

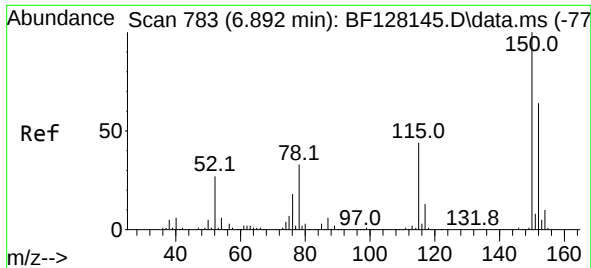
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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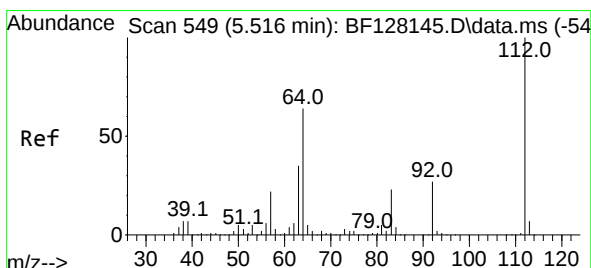
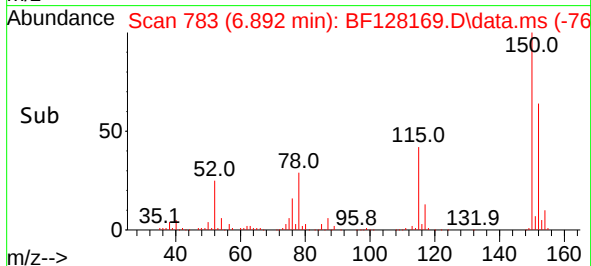
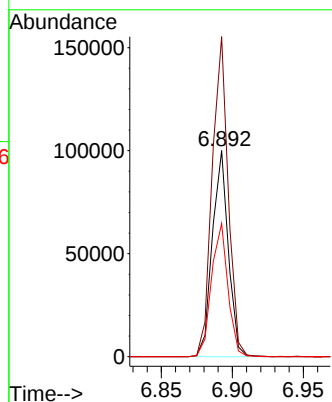
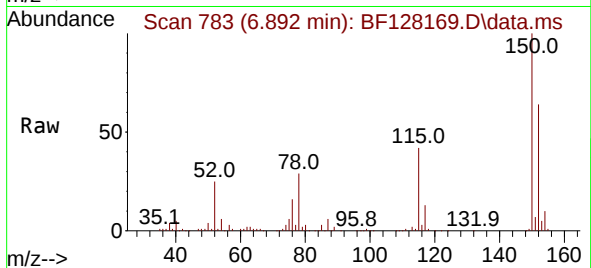




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BF128169.D
 Acq: 10 May 2022 19:33

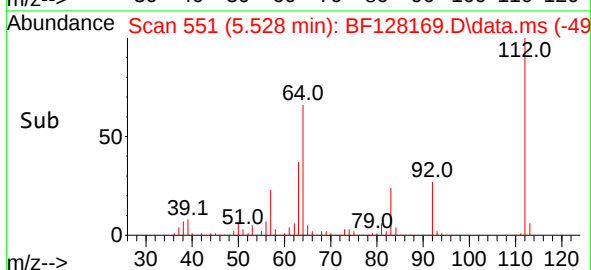
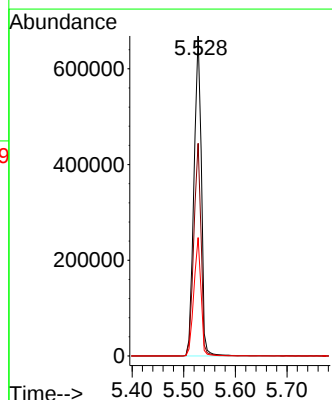
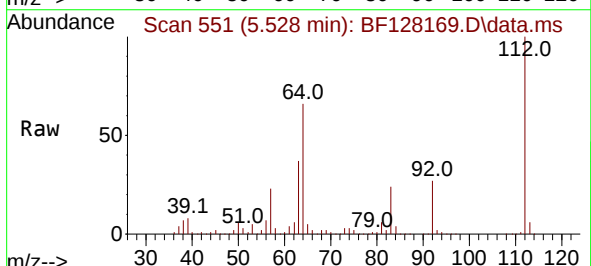
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

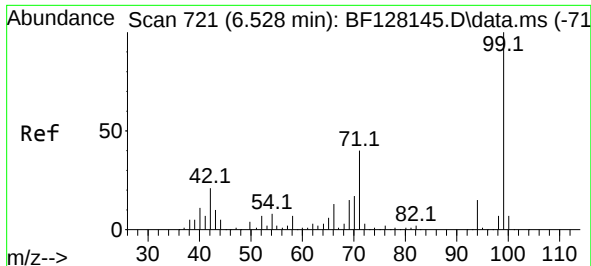
Tgt Ion:152 Resp: 78407
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.3 187.9
 115 64.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 135.506 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF128169.D
 Acq: 10 May 2022 19:33

Tgt Ion:112 Resp: 666484
 Ion Ratio Lower Upper
 112 100
 64 66.5 49.5 74.3
 63 37.0 26.3 39.5

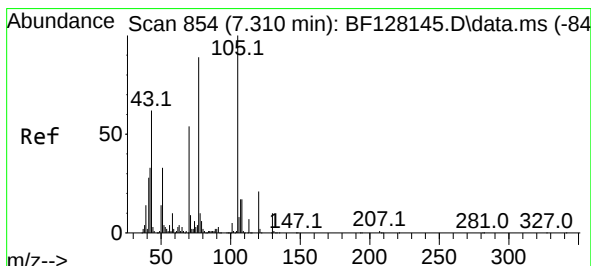
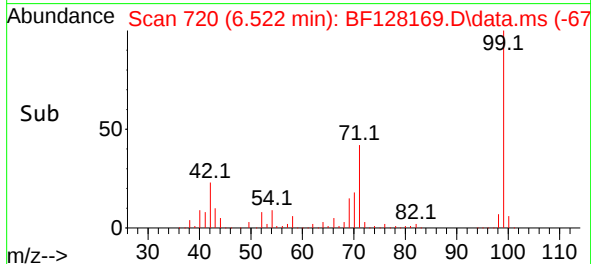
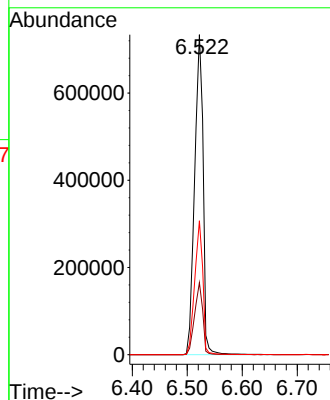
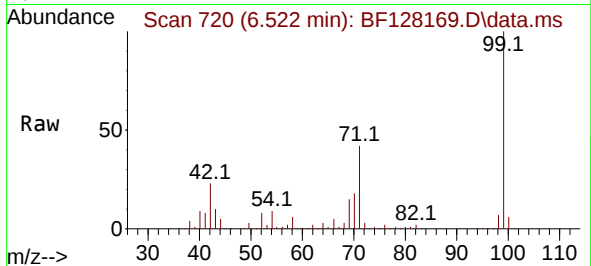




#7
Phenol-d6
Concen: 120.491 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

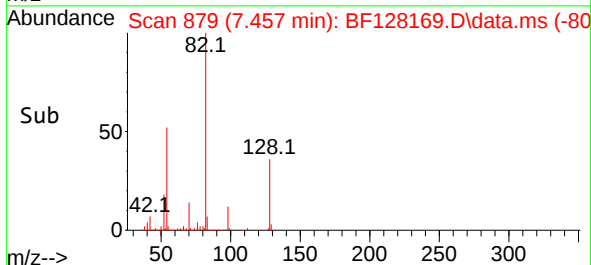
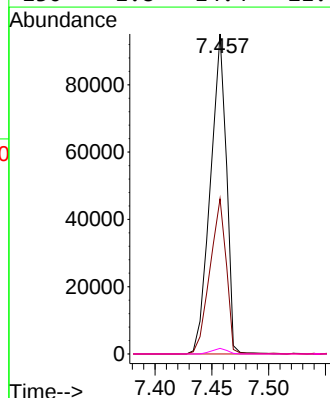
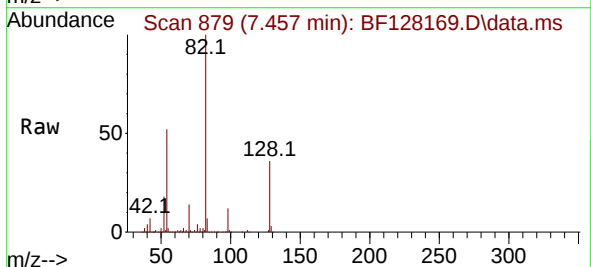
Instrument :
BNA_F
ClientSampleId :
TP-3

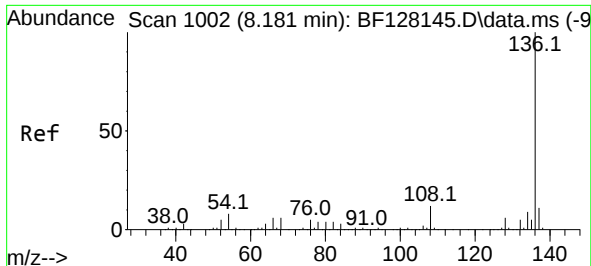
Tgt Ion: 99 Resp: 783844
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 41.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.192 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Tgt Ion: 70 Resp: 92913
Ion Ratio Lower Upper
70 100
42 48.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



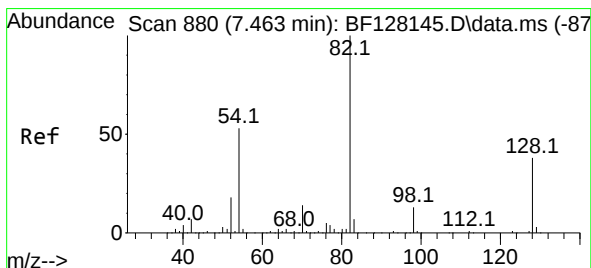
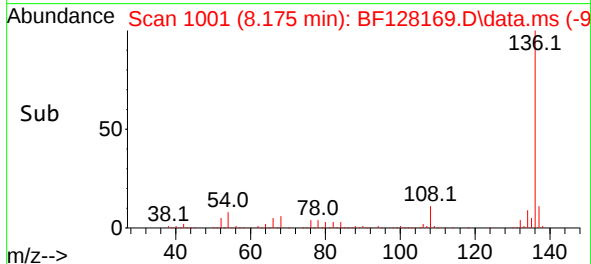
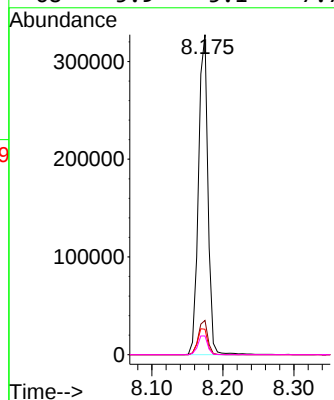
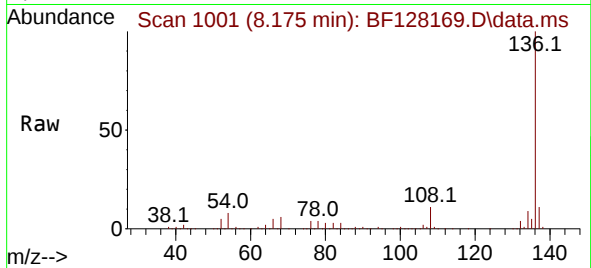


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 304324

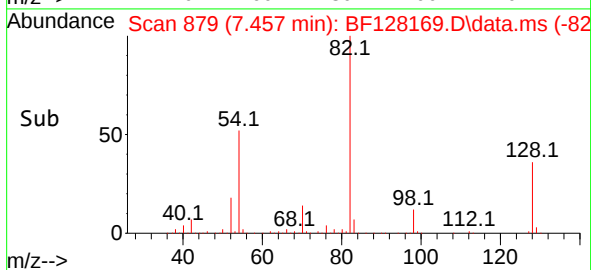
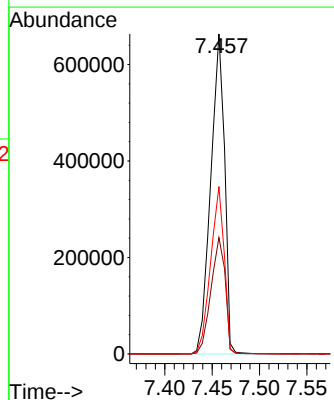
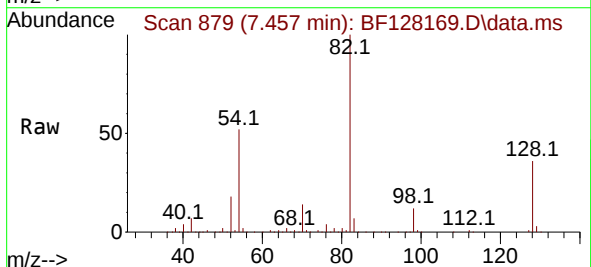
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.9	6.8	10.2
68	5.9	5.1	7.7

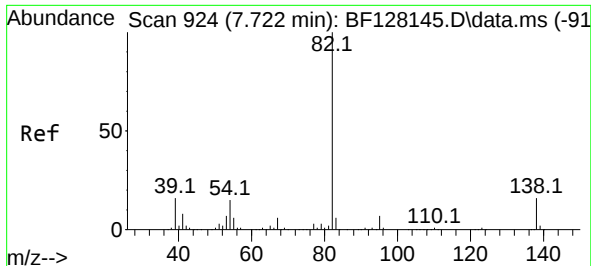


#23
Nitrobenzene-d5
Concen: 99.569 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Tgt Ion: 82 Resp: 673409

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	52.3	41.3	61.9

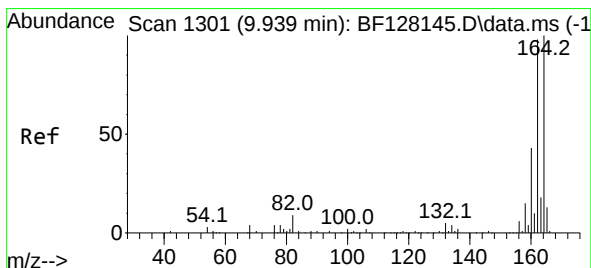
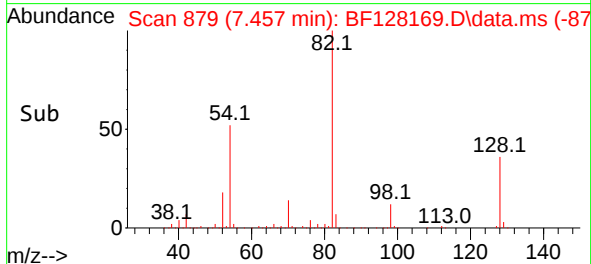
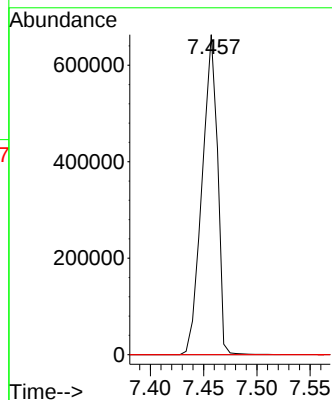
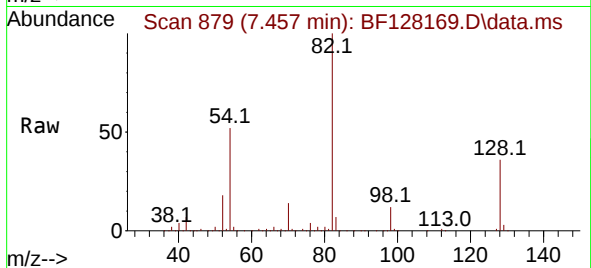




#25
Isophorone
Concen: 63.417 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

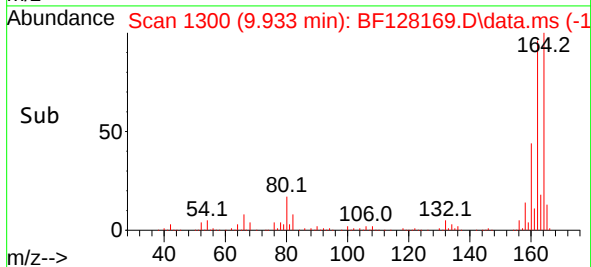
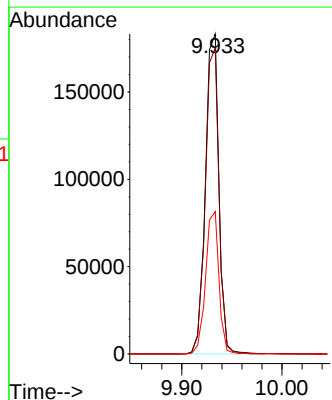
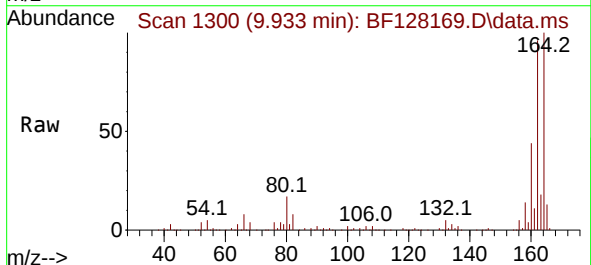
Instrument :
BNA_F
ClientSampleId :
TP-3

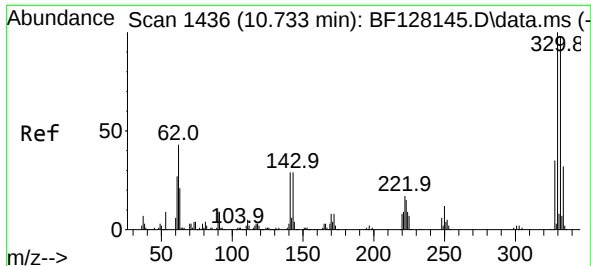
Tgt Ion: 82 Resp: 672428
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Tgt Ion:164 Resp: 173049
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 143.877 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128169.D

Acq: 10 May 2022 19:33

Instrument :

BNA_F

ClientSampleId :

TP-3

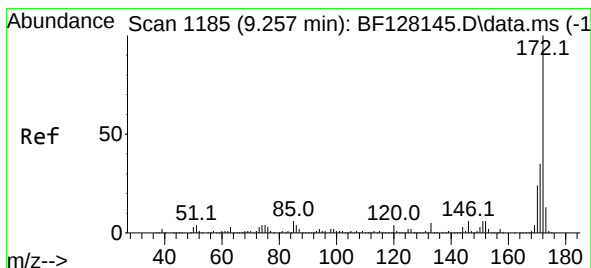
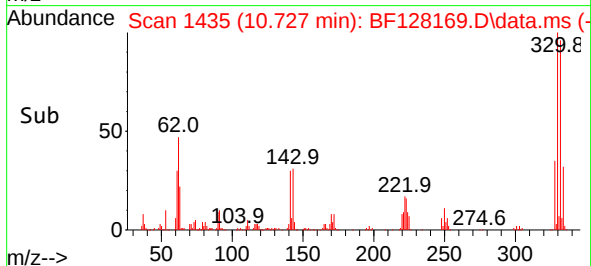
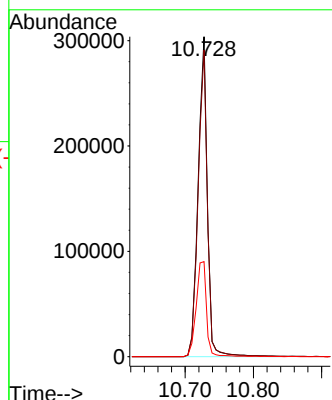
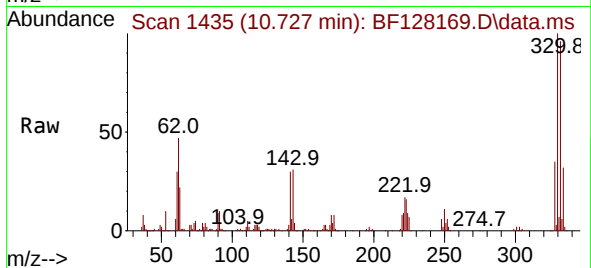
Tgt Ion:330 Resp: 285548

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 99.793 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128169.D

Acq: 10 May 2022 19:33

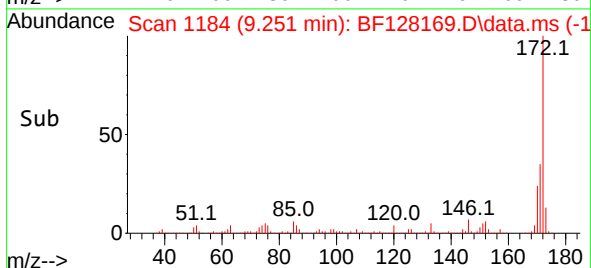
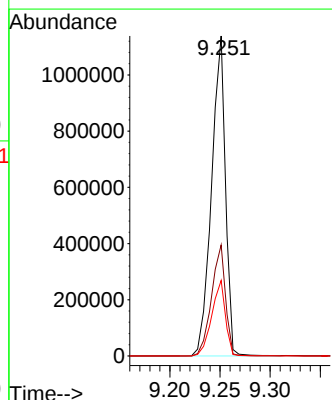
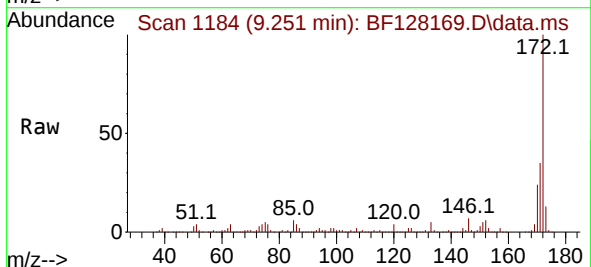
Tgt Ion:172 Resp: 1103670

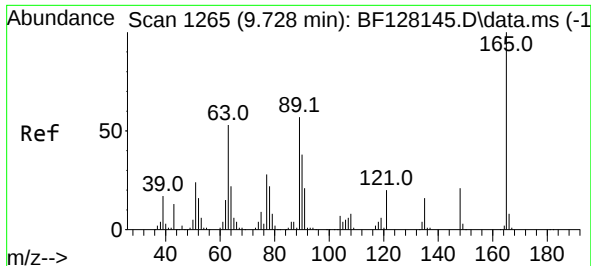
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.6 19.1 28.7

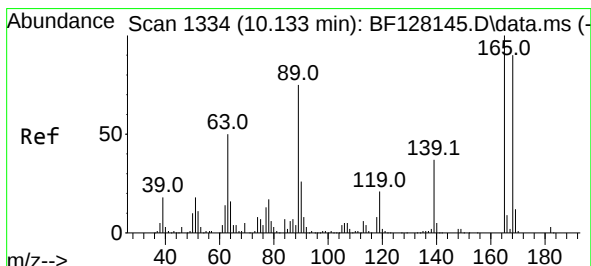
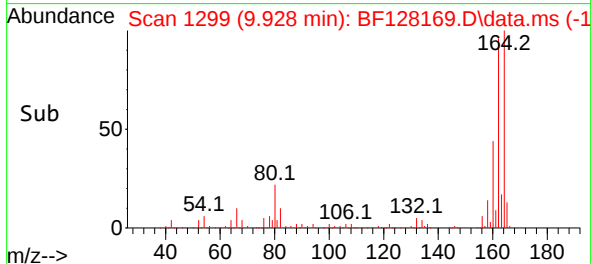
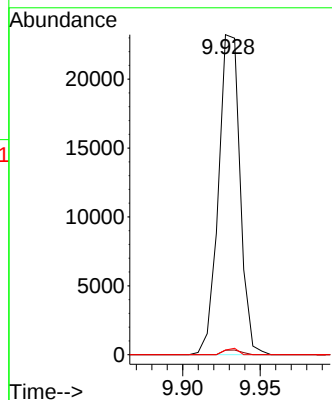
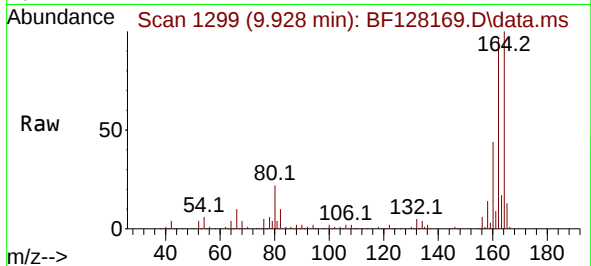




#51
2,6-Dinitrotoluene
Concen: 9.191 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.200 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

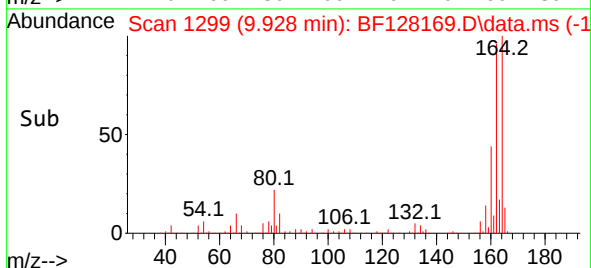
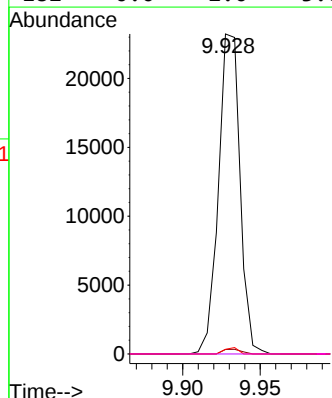
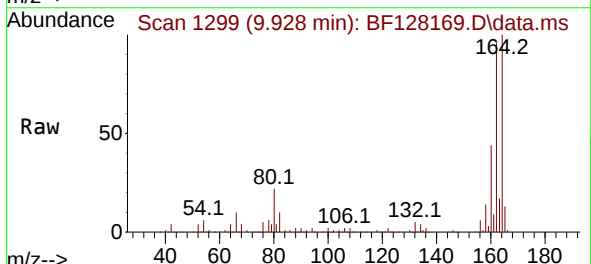
Instrument :
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TP-3

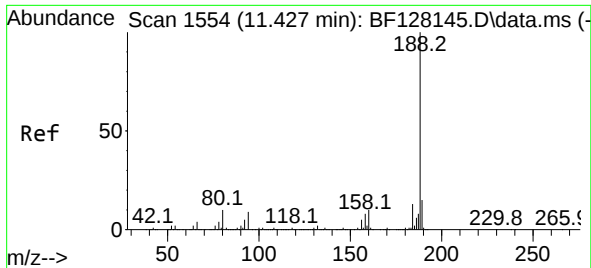
Tgt Ion:165 Resp: 22514
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.873 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Tgt Ion:165 Resp: 22514
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

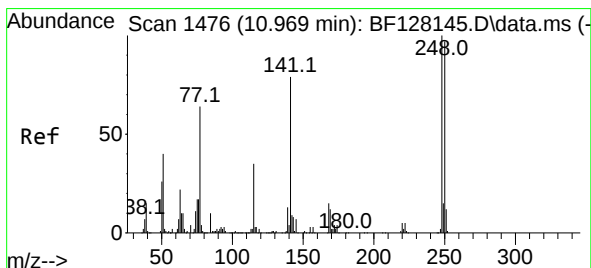
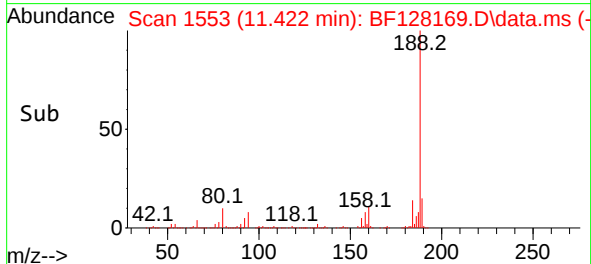
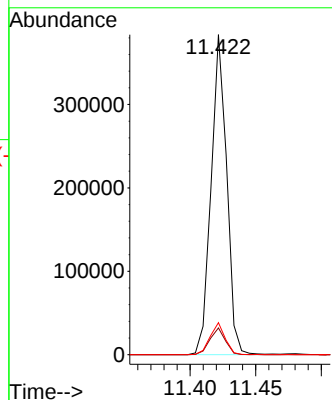
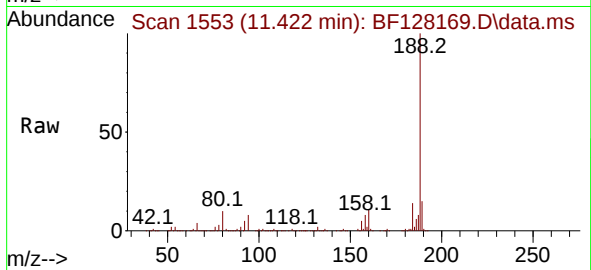




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

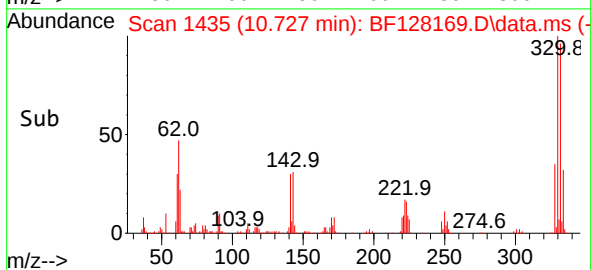
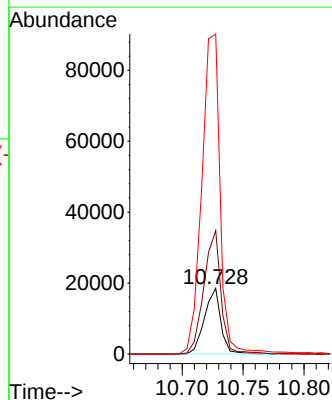
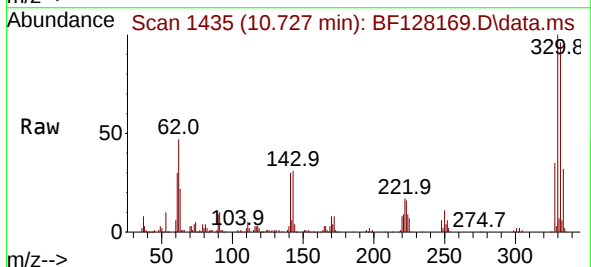
Instrument :
BNA_F
ClientSampleId :
TP-3

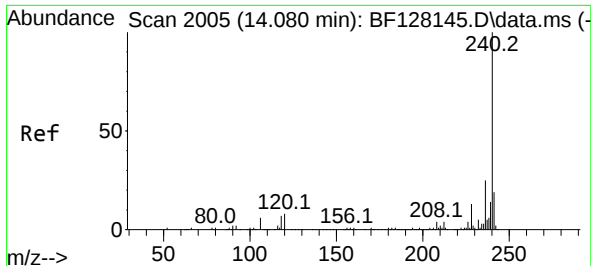
Tgt Ion:188 Resp: 317728
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 5.040 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Tgt Ion:248 Resp: 17229
Ion Ratio Lower Upper
248 100
250 188.3 77.7 116.5#
141 488.2 65.6 98.4#

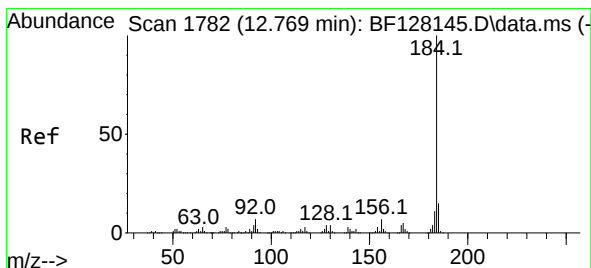
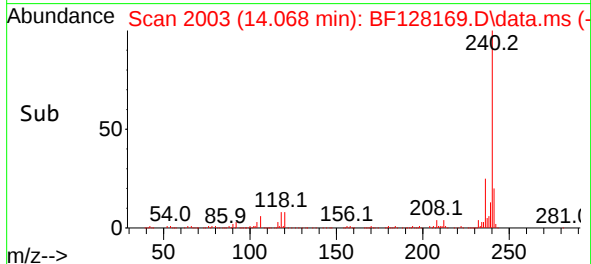
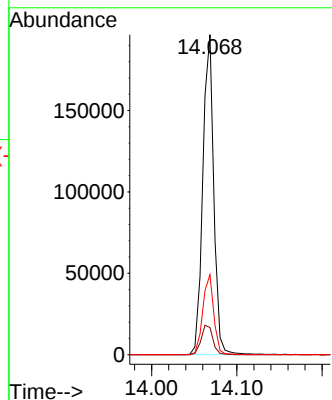
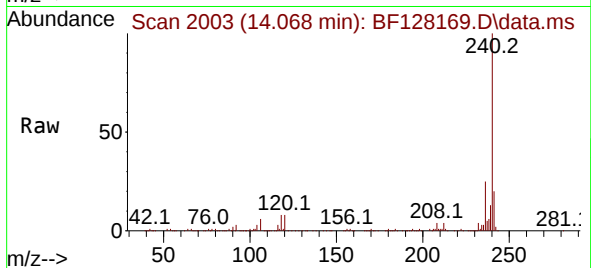




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

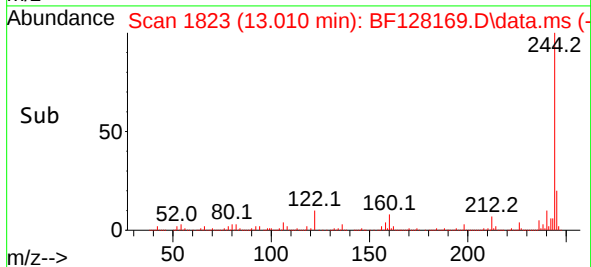
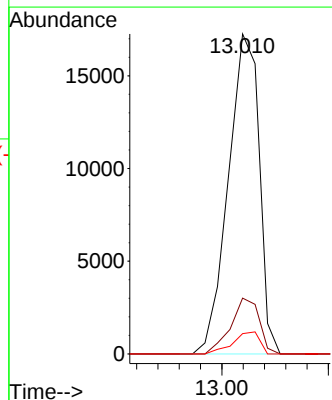
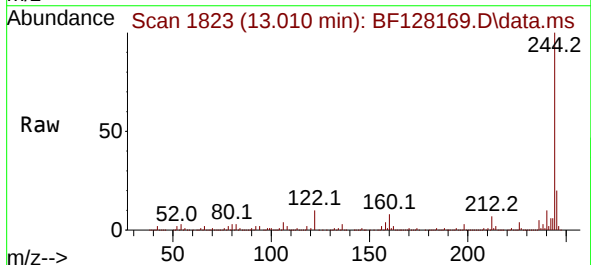
Instrument :
BNA_F
ClientSampleId :
TP-3

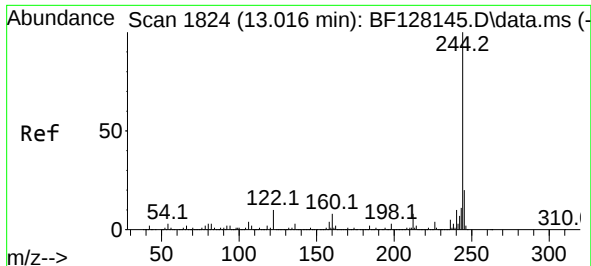
Tgt Ion:240 Resp: 175621
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.0 20.3 30.5



#77
Benzidine
Concen: 4.560 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128169.D
Acq: 10 May 2022 19:33

Tgt Ion:184 Resp: 17346
Ion Ratio Lower Upper
184 100
185 17.4 12.1 18.1
183 6.4 9.0 13.4#

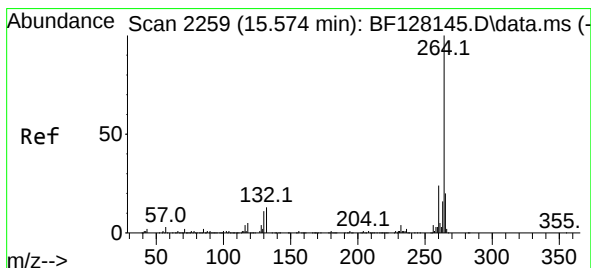
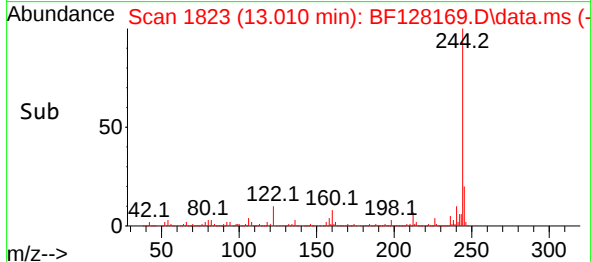
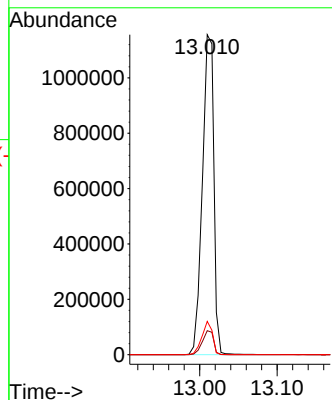
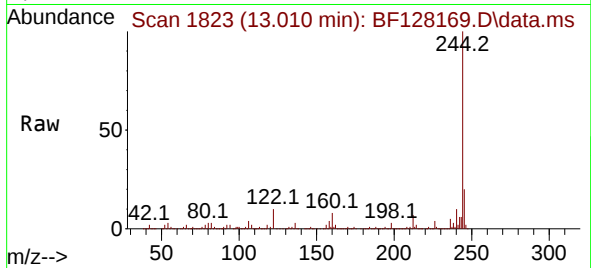




#79
 Terphenyl-d14
 Concen: 126.755 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128169.D
 Acq: 10 May 2022 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1186346
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.4 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: BF128169.D
 Acq: 10 May 2022 19:33

Tgt Ion:264 Resp: 173258
 Ion Ratio Lower Upper
 264 100
 260 22.5 20.1 30.1
 265 21.7 17.5 26.3

