

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128196.D
 Acq On : 11 May 2022 15:54
 Operator : CG\JU
 Sample : N2761-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP04

Quant Time: May 12 06:00:11 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)

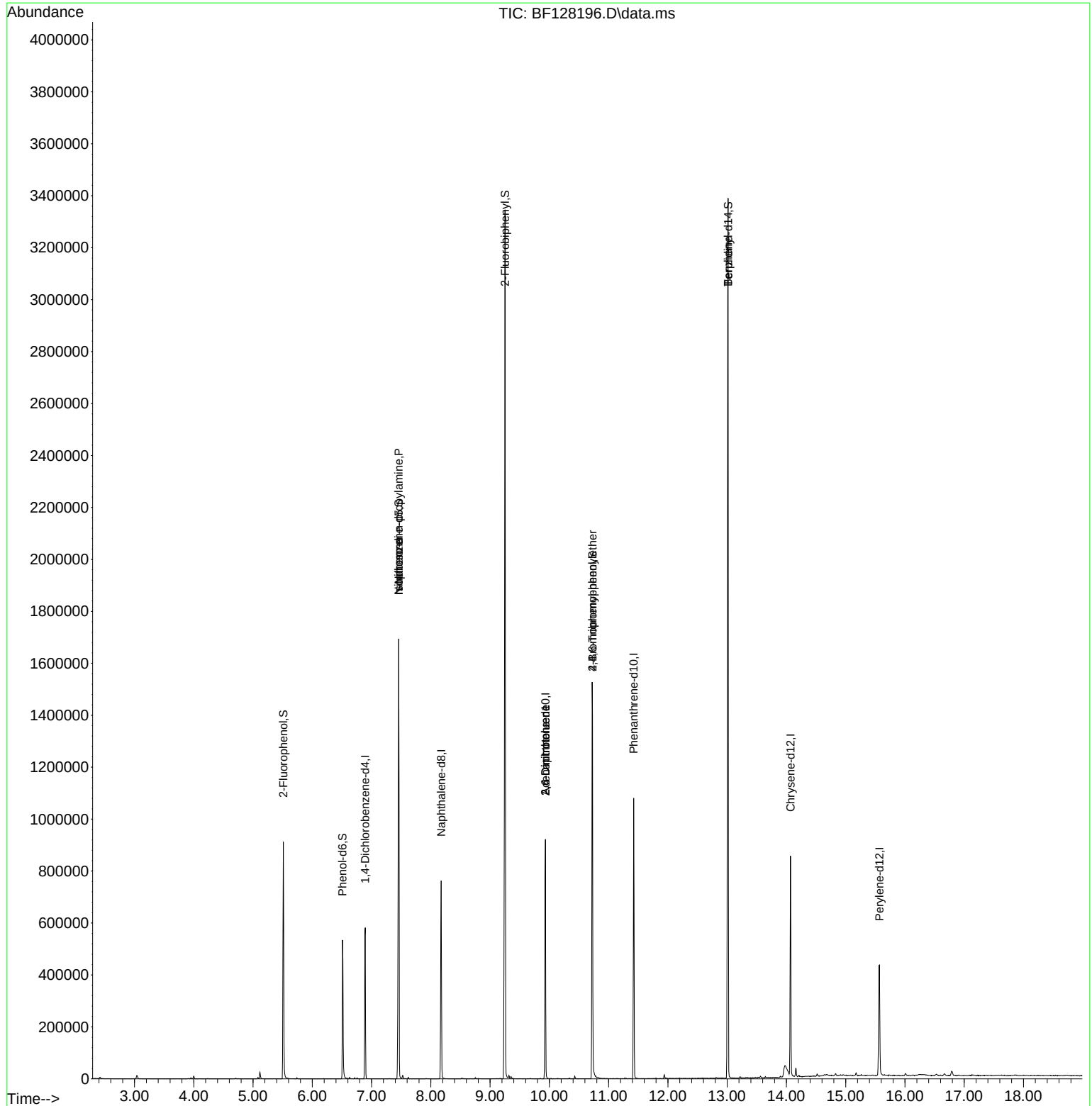
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	84516	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	325628	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	190792	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	366127	20.000	ng	0.00
76) Chrysene-d12	14.069	240	285218	20.000	ng	-0.01
86) Perylene-d12	15.568	264	213844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	217362	40.999	ng	0.00
7) Phenol-d6	6.510	99	169511	24.173	ng	-0.02
23) Nitrobenzene-d5	7.457	82	631806	87.306	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	194756	89.005	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1044850	85.689	ng	0.00
79) Terphenyl-d14	13.016	244	1261424	82.988	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	315	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	86345	19.995	ng	# 79
25) Isophorone	7.457	82	628978	55.439	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	24449	9.052	ng	# 21
57) 2,4-Dinitrotoluene	9.934	165	24449	6.770	ng	# 26
67) 4-Bromophenyl-phenylether	10.728	248	11739	2.980	ng	# 1
77) Benzidine	13.016	184	18813	3.045	ng	# 94

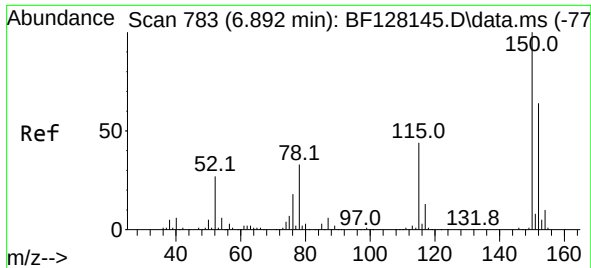
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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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

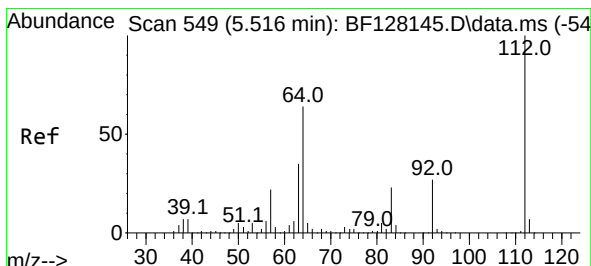
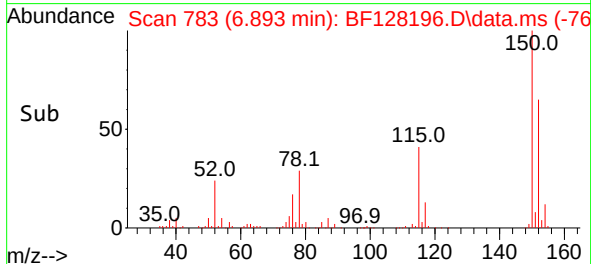
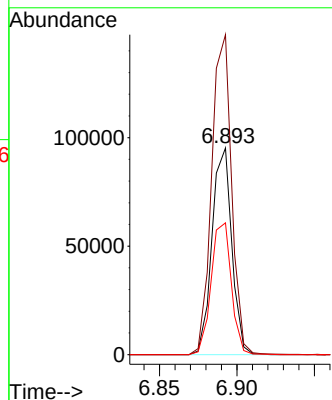
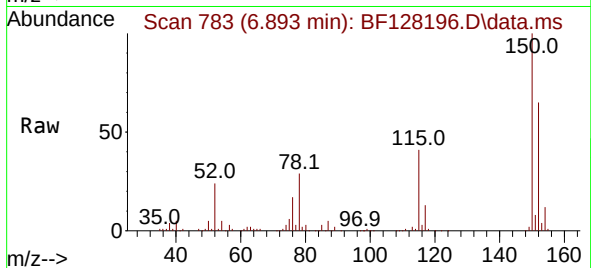




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF128196.D
 Acq: 11 May 2022 15:54

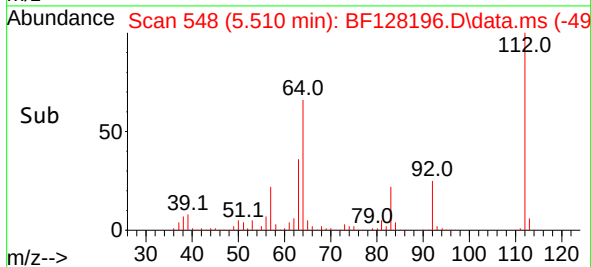
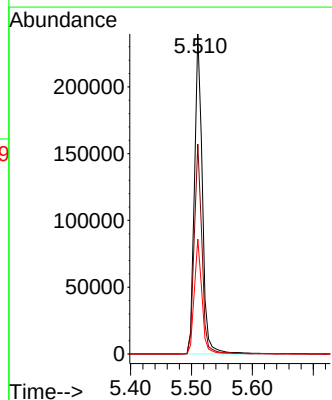
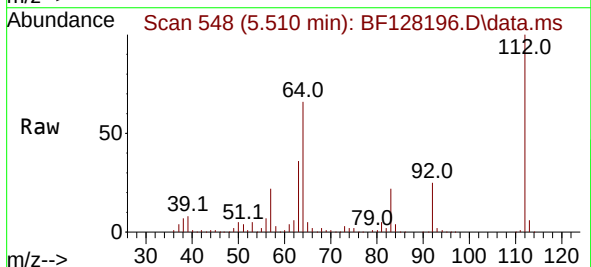
Instrument :
 BNA_F
 ClientSampleId :
 TWP04

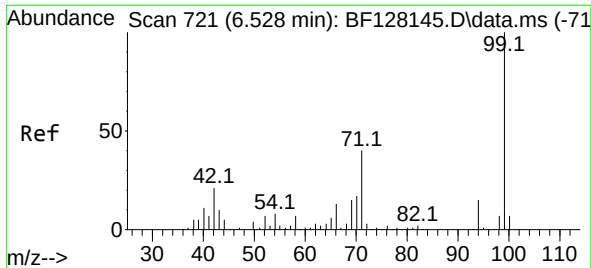
Tgt Ion:152 Resp: 84516
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.3 187.9
 115 63.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 40.999 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.006 min
 Lab File: BF128196.D
 Acq: 11 May 2022 15:54

Tgt Ion:112 Resp: 217362
 Ion Ratio Lower Upper
 112 100
 64 65.5 49.5 74.3
 63 35.9 26.3 39.5

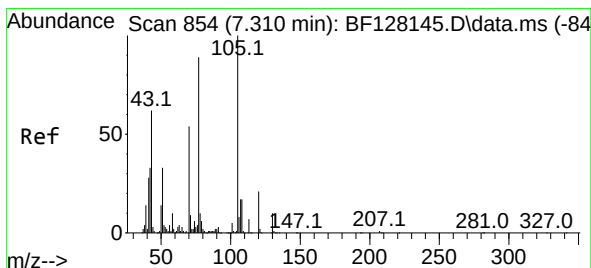
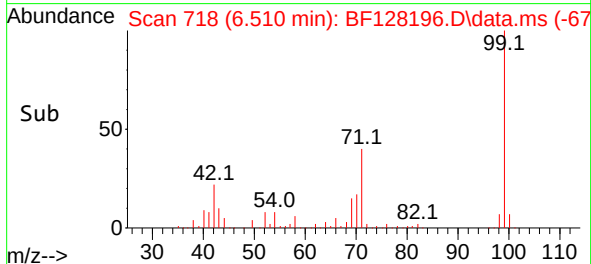
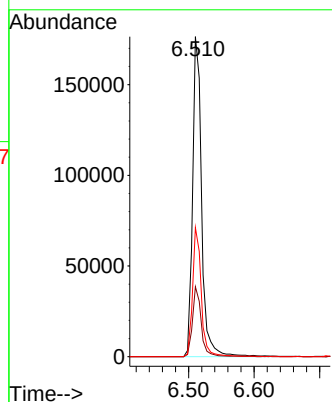
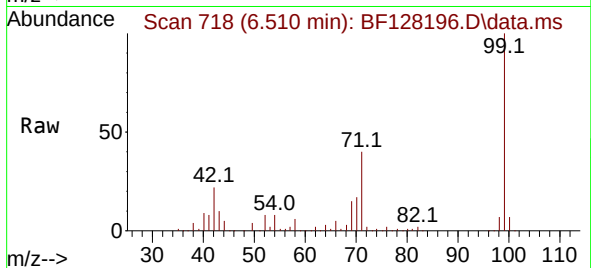




#7
Phenol-d6
Concen: 24.173 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

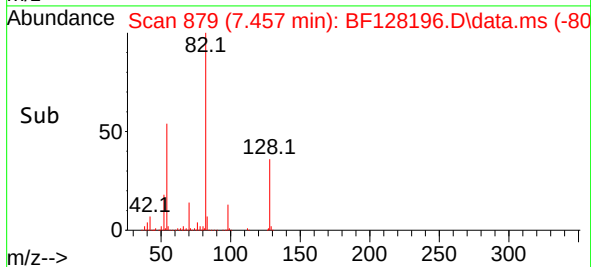
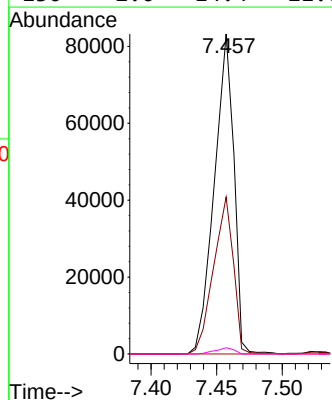
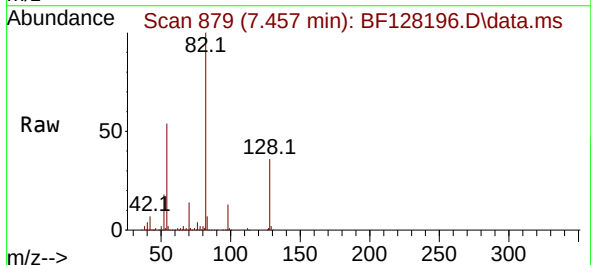
Instrument :
BNA_F
ClientSampleId :
TWP04

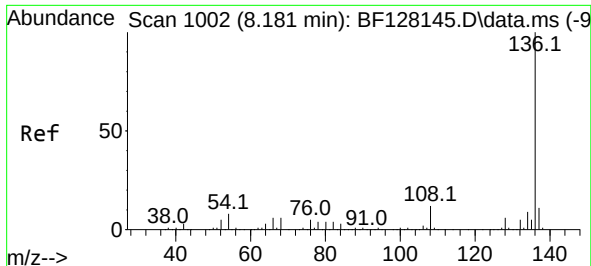
Tgt Ion: 99 Resp: 169511
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.995 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Tgt Ion: 70 Resp: 86345
Ion Ratio Lower Upper
70 100
42 49.1 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

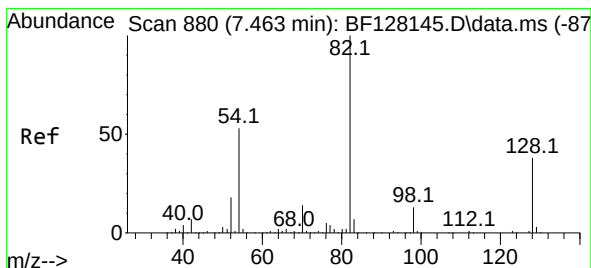
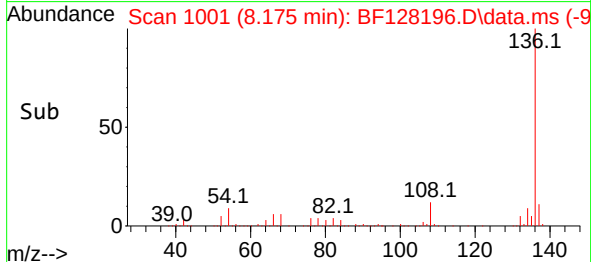
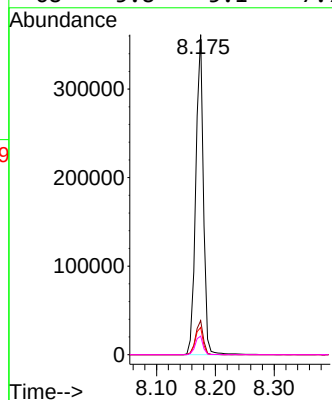
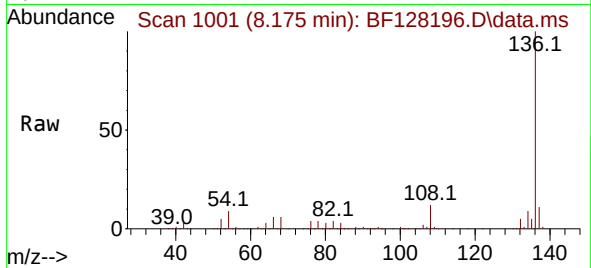




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

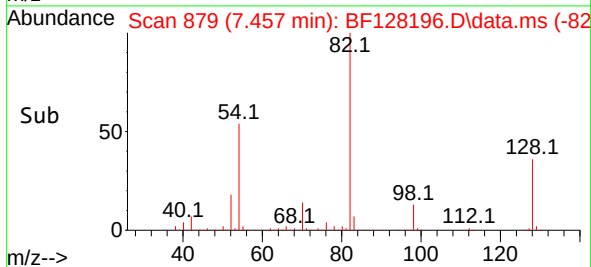
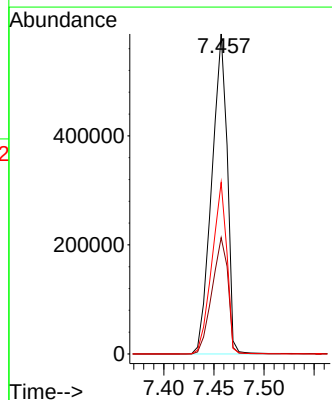
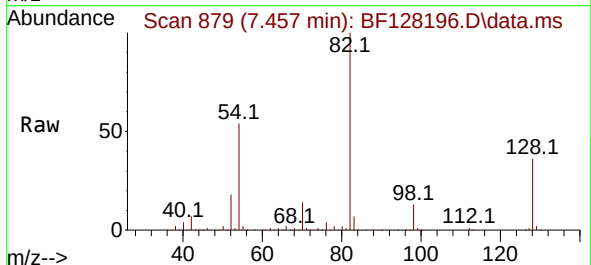
Instrument :
BNA_F
ClientSampleId :
TWP04

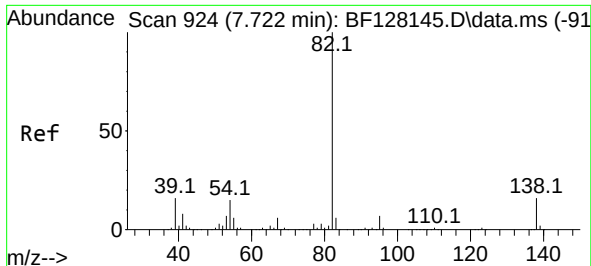
Tgt Ion:136	Resp: 325628
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.5	6.8 10.2
68 5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 87.306 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Tgt Ion: 82	Resp: 631806
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 53.6	41.3 61.9

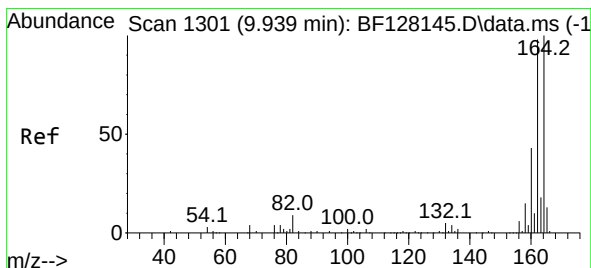
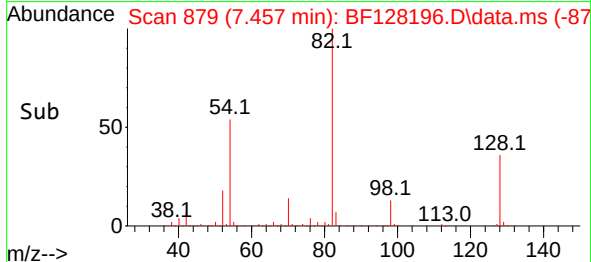
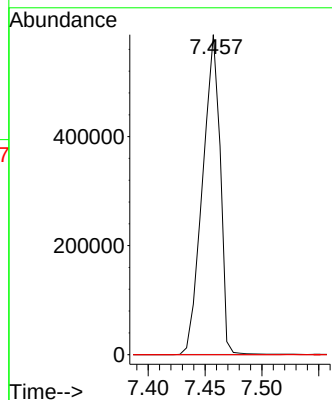
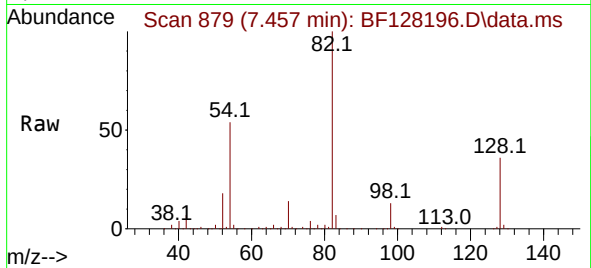




#25
Isophorone
Concen: 55.439 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

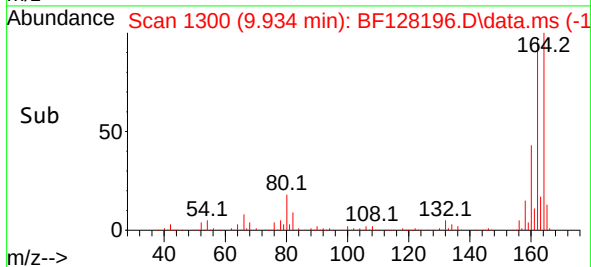
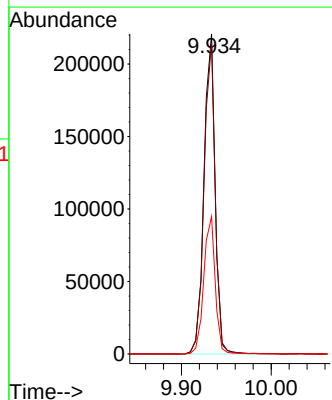
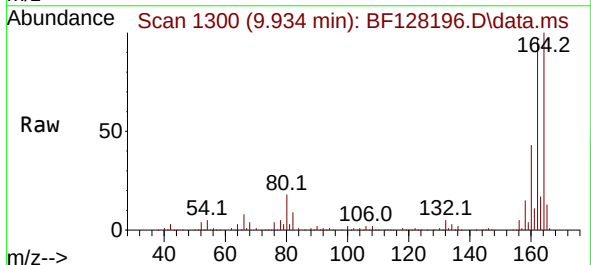
Instrument :
BNA_F
ClientSampleId :
TWP04

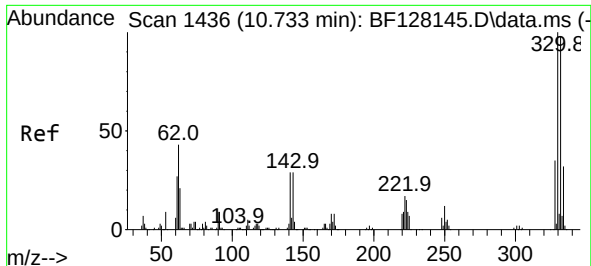
Tgt Ion: 82 Resp: 628978
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

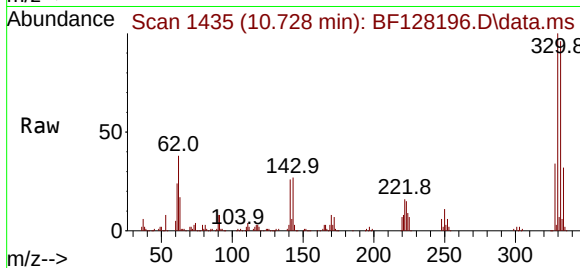
Tgt Ion:164 Resp: 190792
Ion Ratio Lower Upper
164 100
162 97.3 76.0 114.0
160 42.9 34.8 52.2



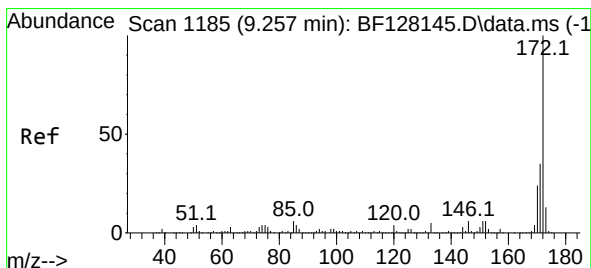
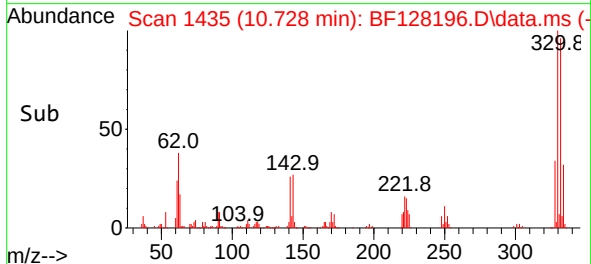
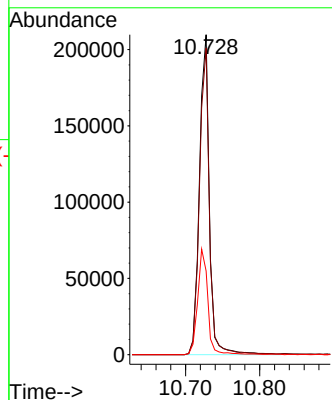


#42
2,4,6-Tribromophenol
Concen: 89.005 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Instrument :
BNA_F
ClientSampleId :
TWP04

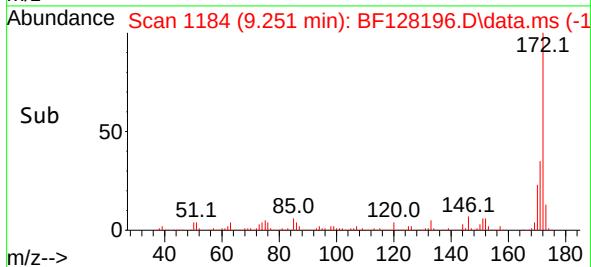
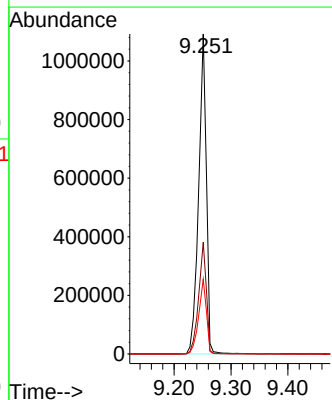
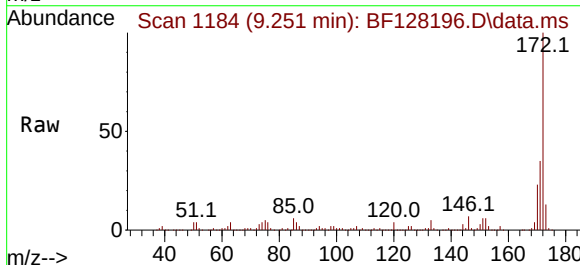


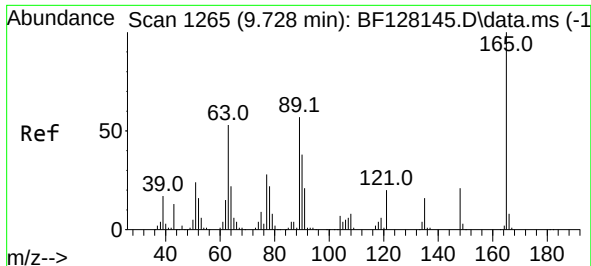
Tgt Ion:330 Resp: 194756
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 85.689 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Tgt Ion:172 Resp: 1044850
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.3 19.1 28.7

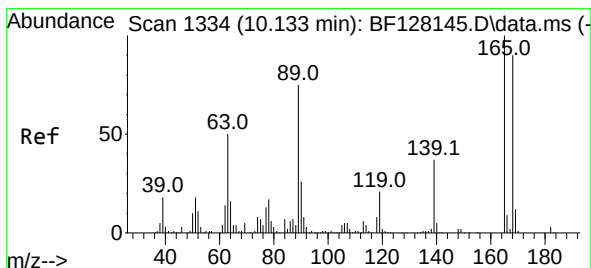
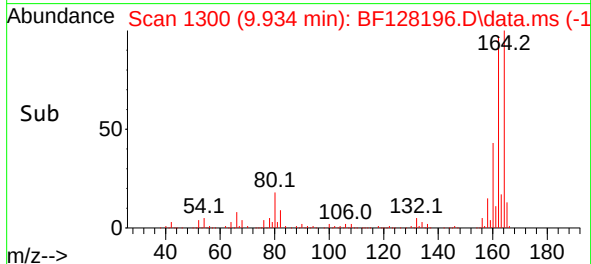
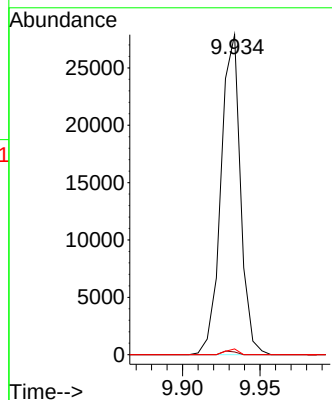
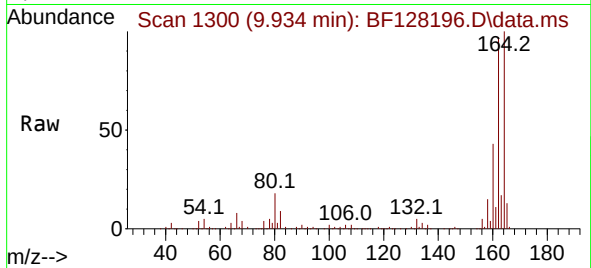




#51
2,6-Dinitrotoluene
Concen: 9.052 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

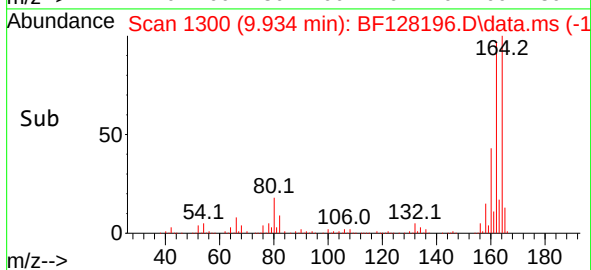
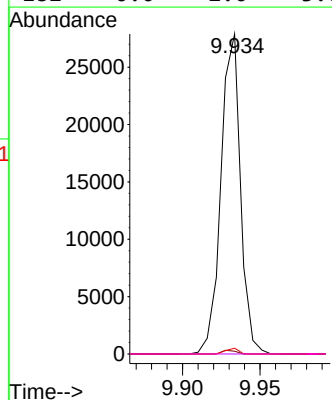
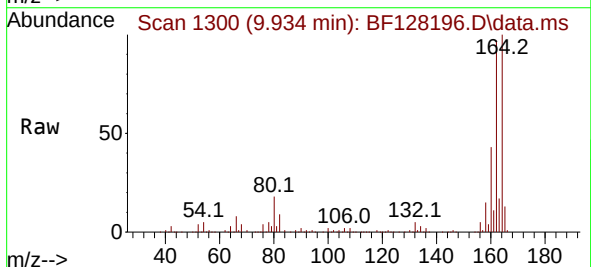
Instrument :
BNA_F
ClientSampleId :
TWP04

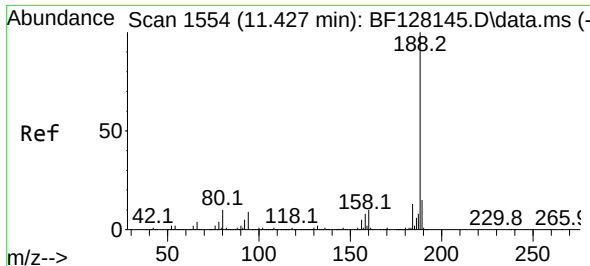
Tgt Ion:165 Resp: 24449
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.770 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Tgt Ion:165 Resp: 24449
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

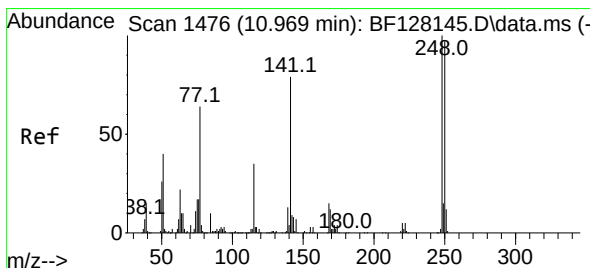
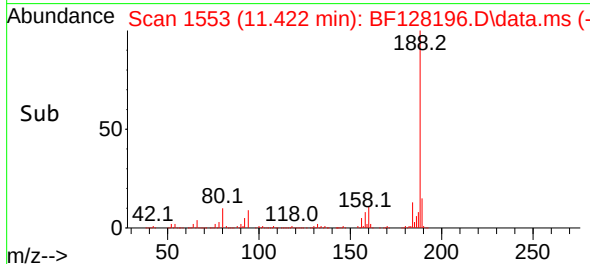
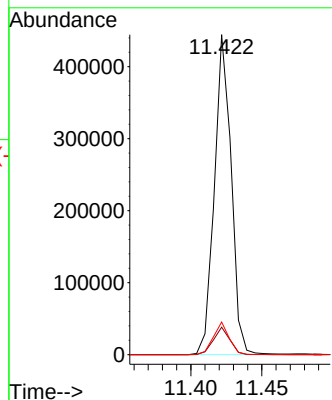
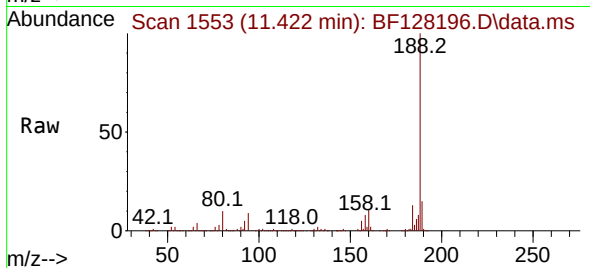




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

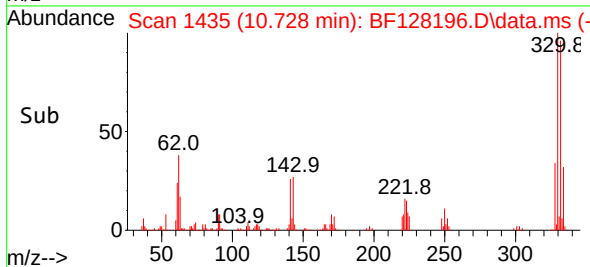
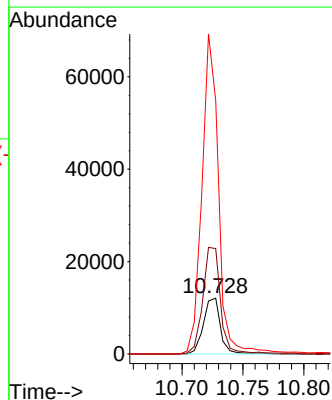
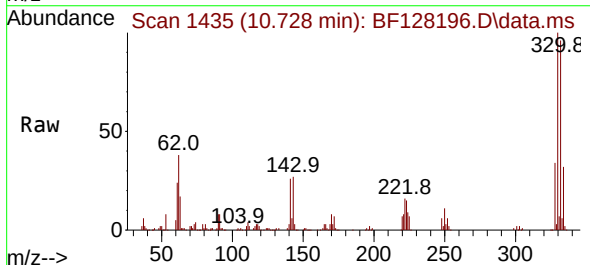
Instrument :
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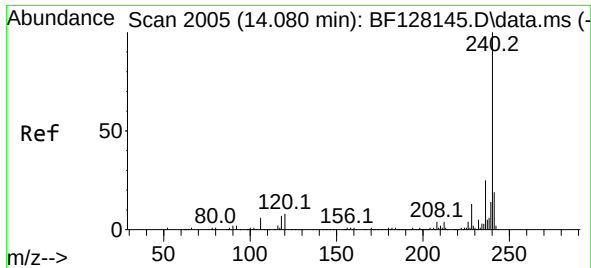
Tgt Ion:188 Resp: 366127
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 10.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.980 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Tgt Ion:248 Resp: 11739
Ion Ratio Lower Upper
248 100
250 188.7 77.7 116.5#
141 453.1 65.6 98.4#

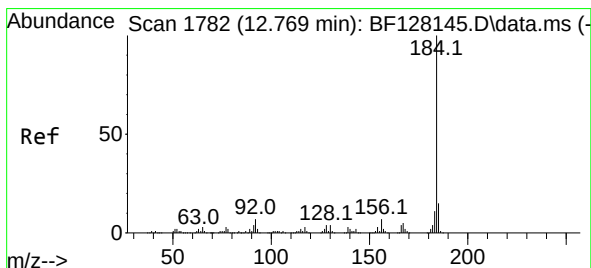
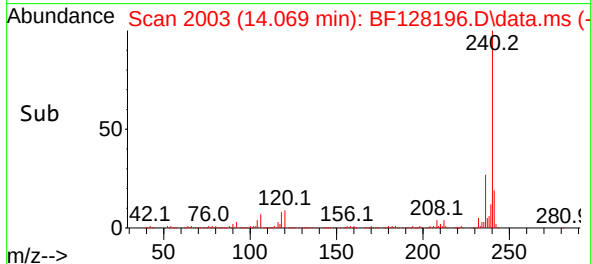
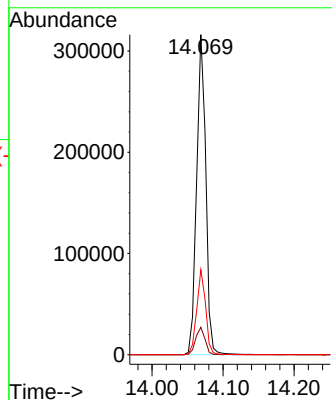
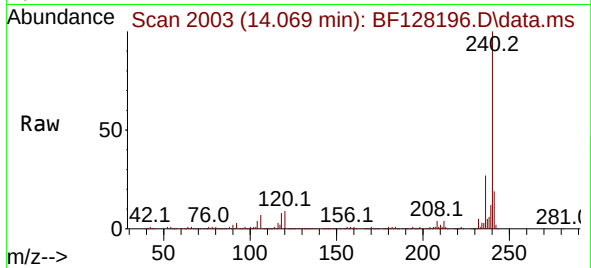




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

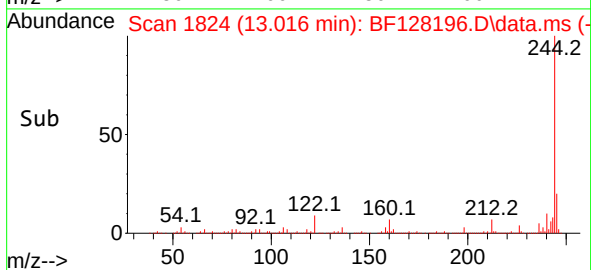
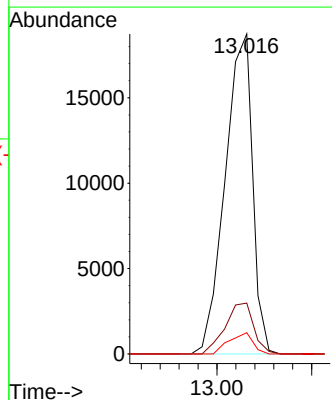
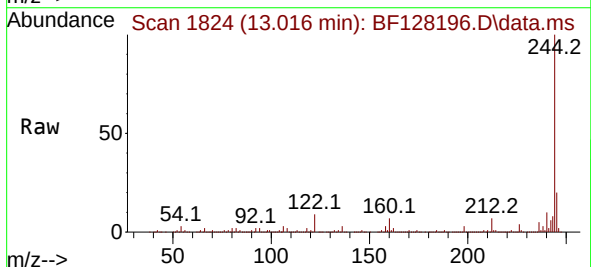
Instrument :
BNA_F
ClientSampleId :
TWP04

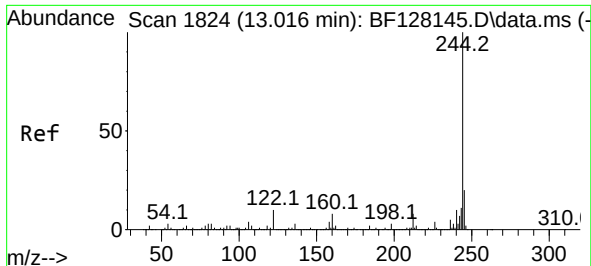
Tgt Ion:240 Resp: 285218
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.5 20.3 30.5



#77
Benzidine
Concen: 3.045 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128196.D
Acq: 11 May 2022 15:54

Tgt Ion:184 Resp: 18813
Ion Ratio Lower Upper
184 100
185 15.9 12.1 18.1
183 6.7 9.0 13.4#

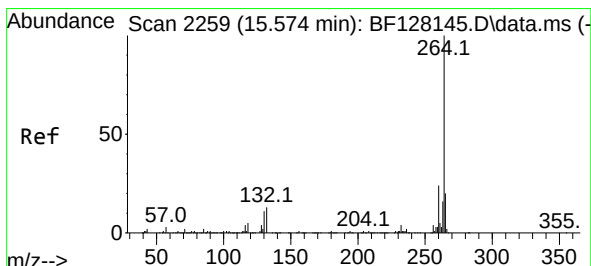
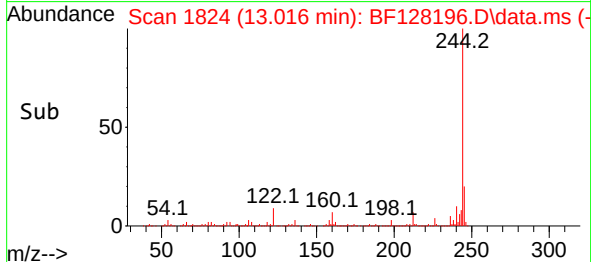
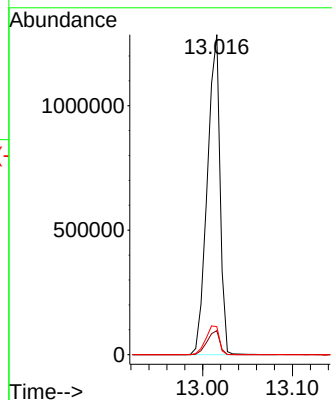
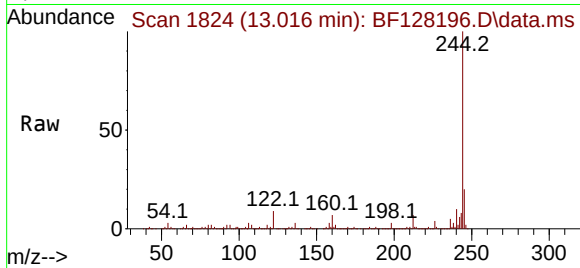




#79
 Terphenyl-d14
 Concen: 82.988 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128196.D
 Acq: 11 May 2022 15:54

Instrument :
 BNA_F
 ClientSampleId :
 TWP04

Tgt Ion:244 Resp: 1261424
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128196.D
 Acq: 11 May 2022 15:54

Tgt Ion:264 Resp: 213844
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 21.7 17.5 26.3

