

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128174.D
 Acq On : 10 May 2022 21:56
 Operator : CG\JU
 Sample : N2760-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Quant Time: May 11 04:02:04 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)

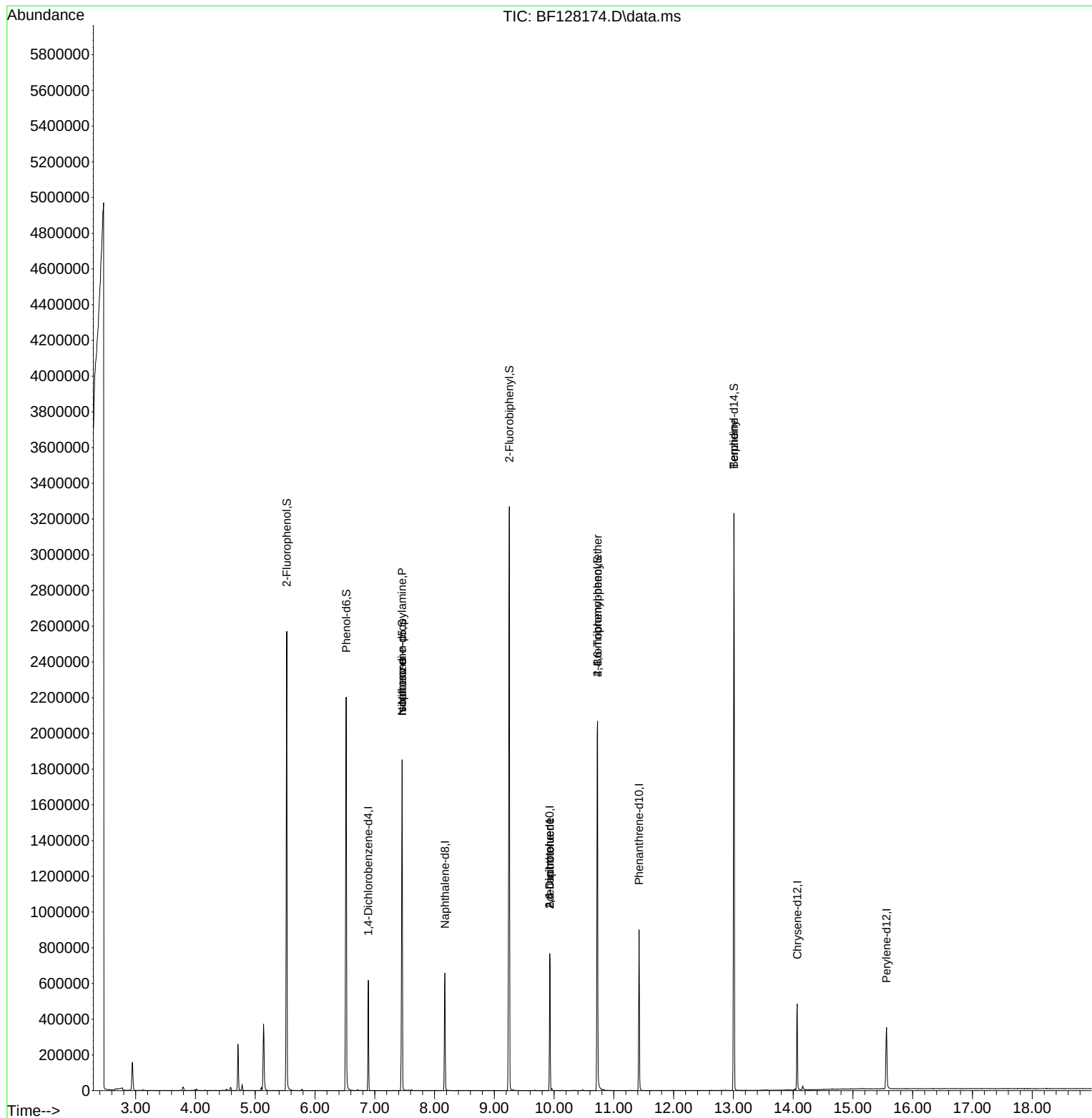
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	77763	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	300999	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	168522	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	311389	20.000	ng	0.00
76) Chrysene-d12	14.068	240	172650	20.000	ng	-0.01
86) Perylene-d12	15.562	264	170782	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	632319	129.625	ng	0.01
7) Phenol-d6	6.522	99	774536	120.046	ng	0.00
23) Nitrobenzene-d5	7.457	82	644737	96.382	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	272947	141.223	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1059829	98.403	ng	0.00
79) Terphenyl-d14	13.010	244	1169974	127.157	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	1415	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	88637	22.308	ng	# 79
25) Isophorone	7.457	82	643710	61.380	ng	# 68
51) 2,6-Dinitrotoluene	9.927	165	21831	9.151	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	21831	6.844	ng	# 25
67) 4-Bromophenyl-phenylether	10.727	248	16716	4.990	ng	# 1
77) Benzydine	13.010	184	16967	4.537	ng	# 93

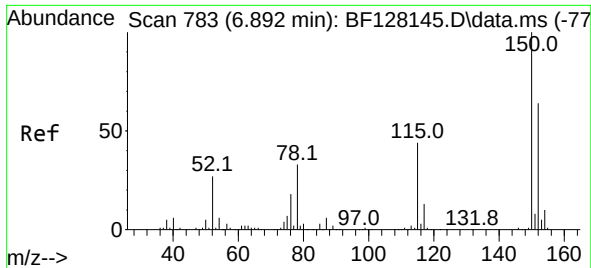
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128174.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: May 11 04:02:04 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

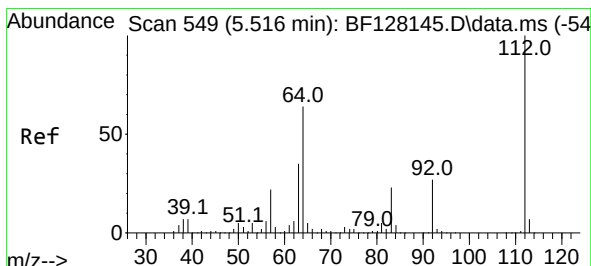
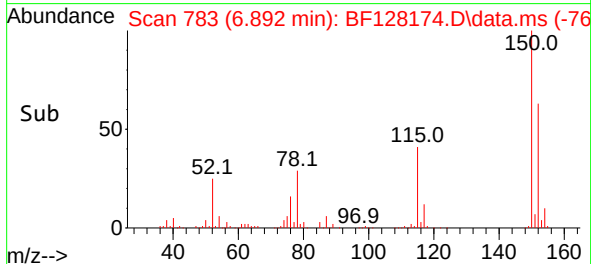
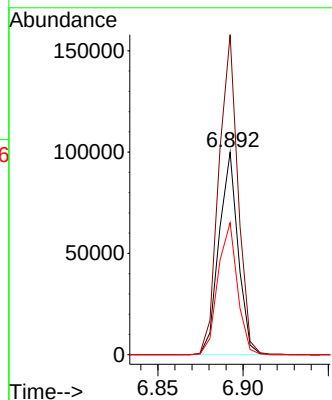
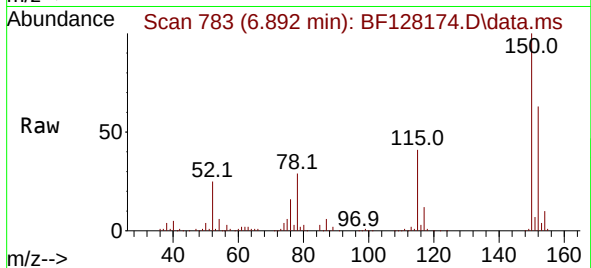




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128174.D
 Acq: 10 May 2022 21:56

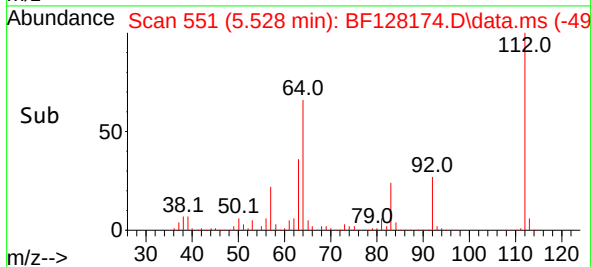
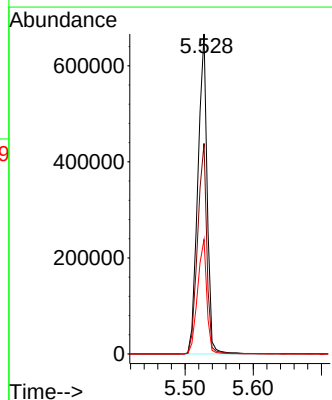
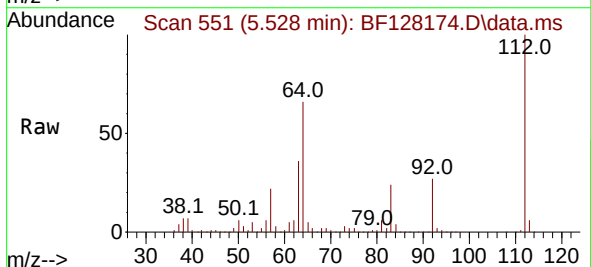
Instrument :
 BNA_F
 ClientSampleId :
 TP-34

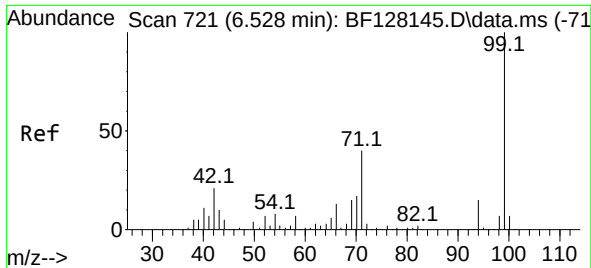
Tgt Ion:152 Resp: 77763
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 65.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 129.625 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF128174.D
 Acq: 10 May 2022 21:56

Tgt Ion:112 Resp: 632319
 Ion Ratio Lower Upper
 112 100
 64 65.8 49.5 74.3
 63 35.8 26.3 39.5

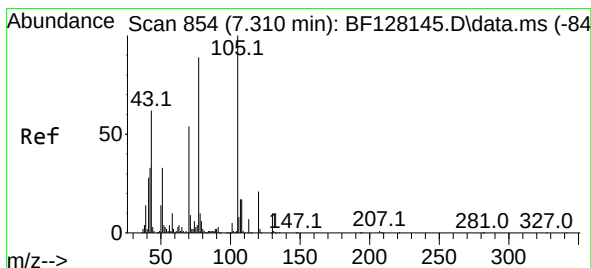
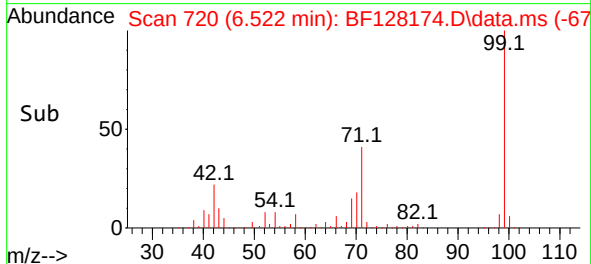
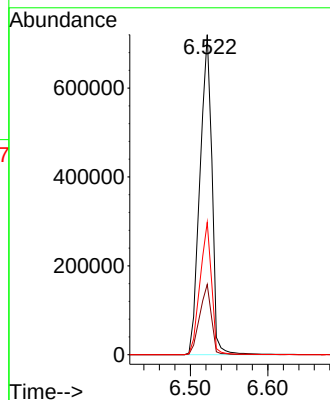
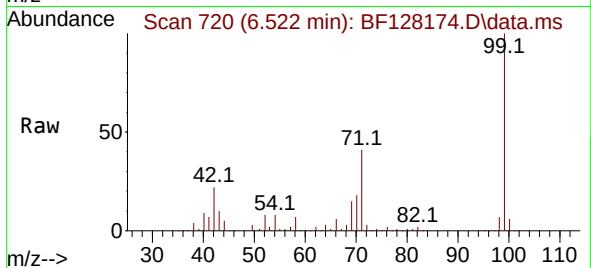




#7
Phenol-d6
Concen: 120.046 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

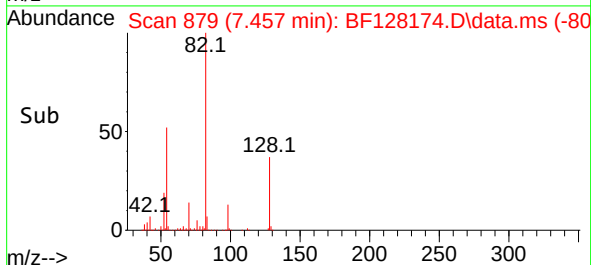
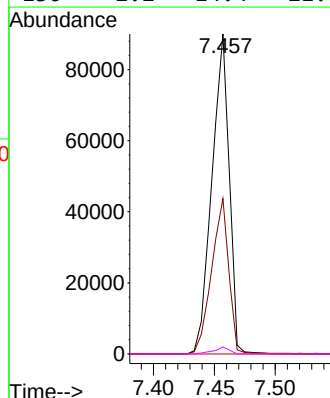
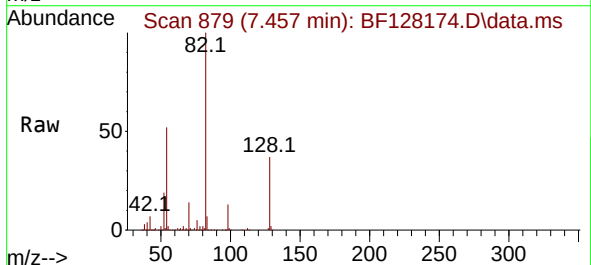
Instrument :
BNA_F
ClientSampleId :
TP-34

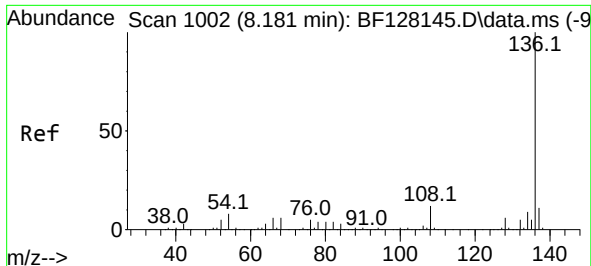
Tgt Ion: 99 Resp: 774536
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.308 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

Tgt Ion: 70 Resp: 88637
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 2.2 14.4 21.6#

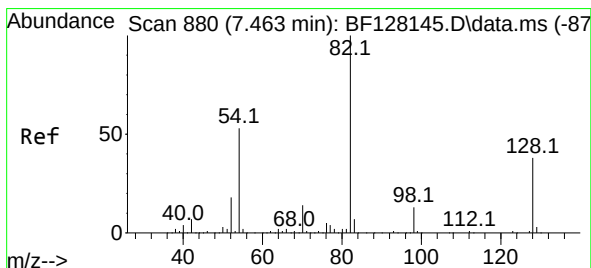
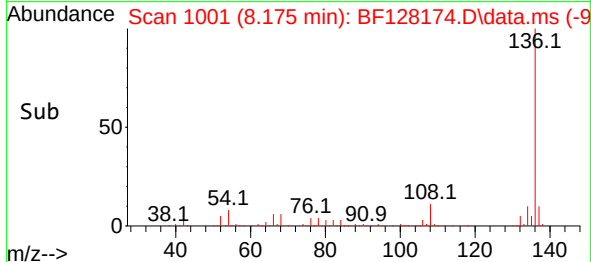
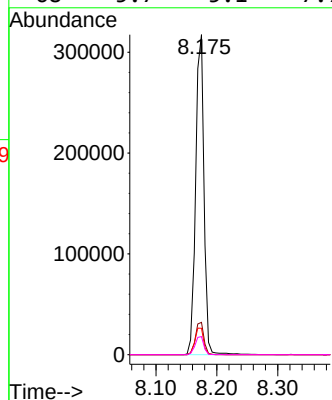
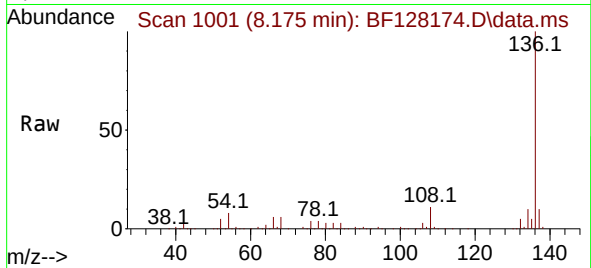




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

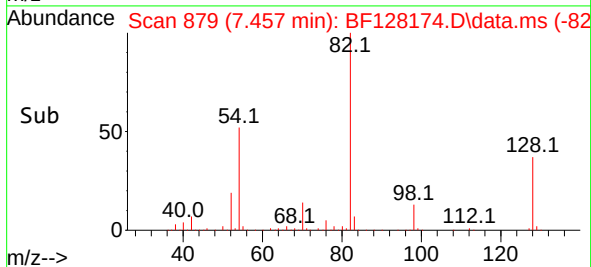
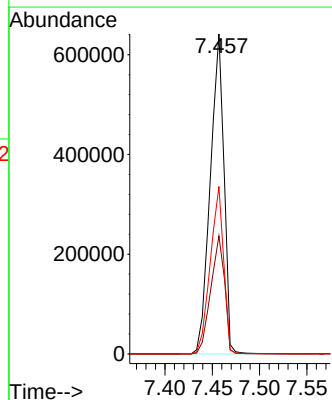
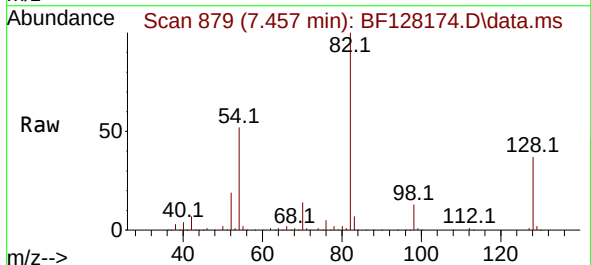
Instrument :
BNA_F
ClientSampleId :
TP-34

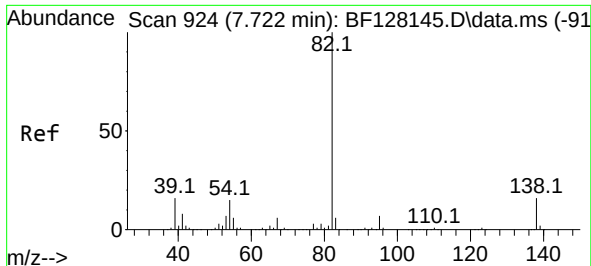
Tgt Ion:136	Resp: 300999
Ion Ratio	Lower Upper
136 100	
137 10.1	8.6 13.0
54 8.2	6.8 10.2
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 96.382 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

Tgt Ion: 82	Resp: 644737
Ion Ratio	Lower Upper
82 100	
128 36.9	30.0 45.0
54 52.4	41.3 61.9

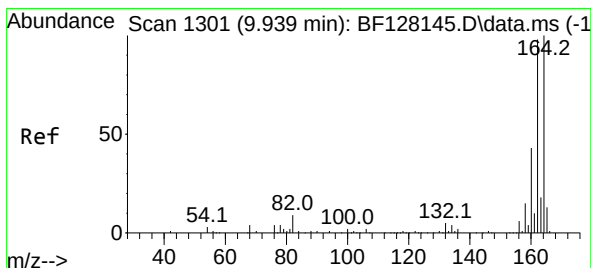
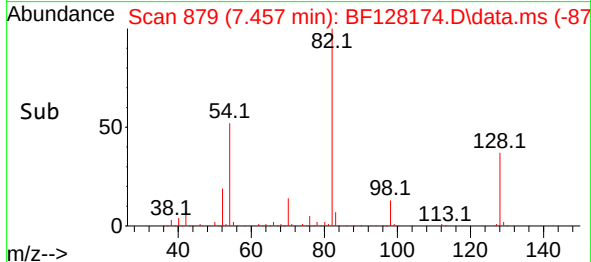
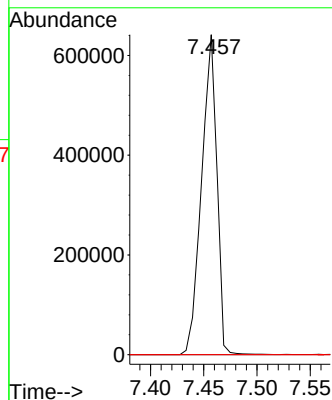
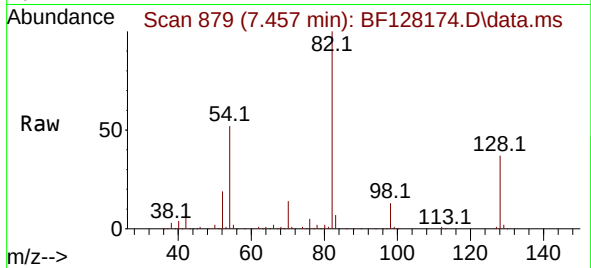




#25
Isophorone
Concen: 61.380 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

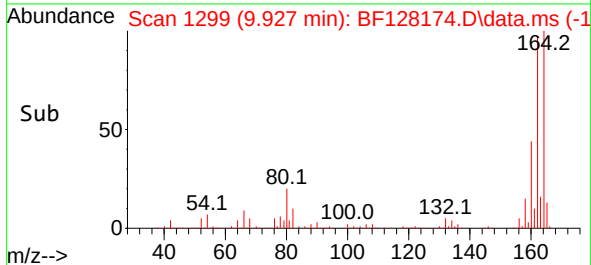
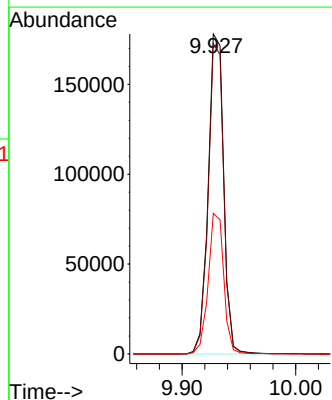
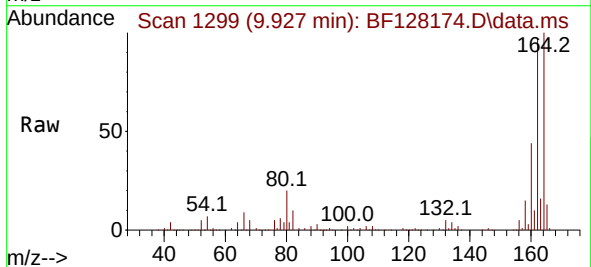
Instrument :
BNA_F
ClientSampleId :
TP-34

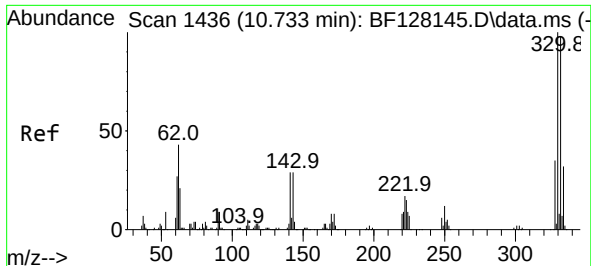
Tgt Ion: 82 Resp: 643710
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

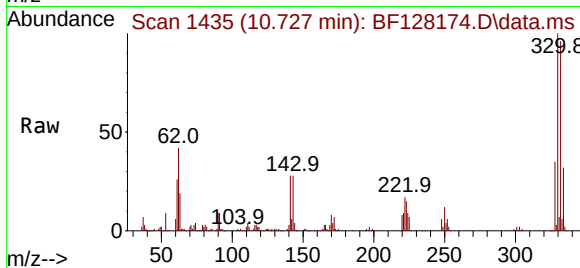
Tgt Ion:164 Resp: 168522
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 43.9 34.8 52.2



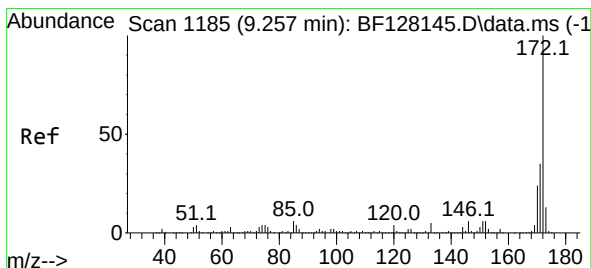
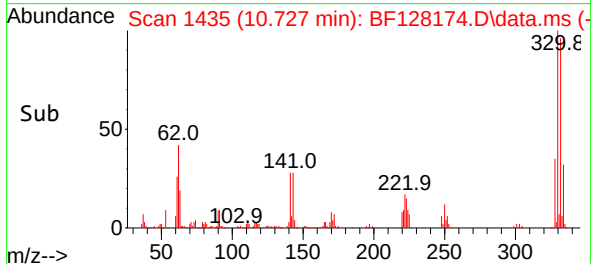
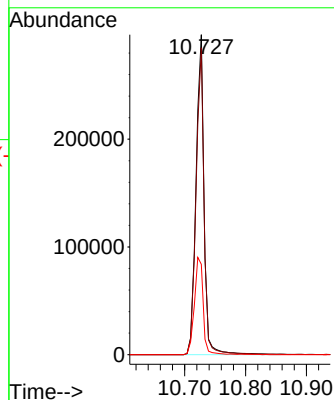


#42
 2,4,6-Tribromophenol
 Concen: 141.223 ng
 RT: 10.727 min Scan# 1435
 Delta R.T. -0.006 min
 Lab File: BF128174.D
 Acq: 10 May 2022 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

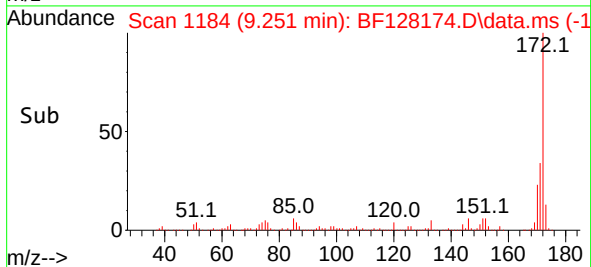
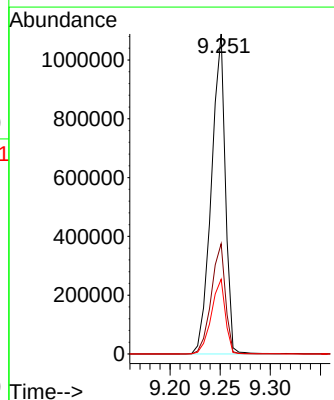
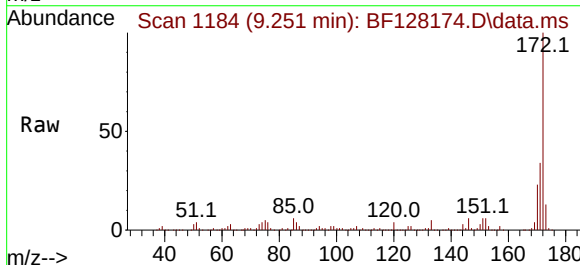


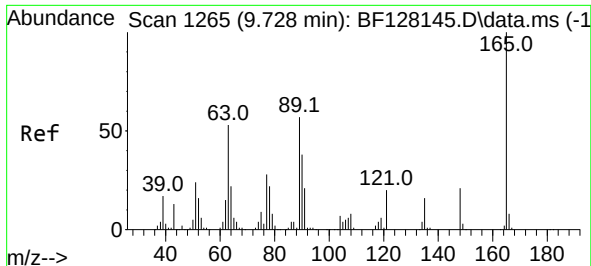
Tgt Ion:330 Resp: 272947
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 33.3 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 98.403 ng
 RT: 9.251 min Scan# 1184
 Delta R.T. -0.006 min
 Lab File: BF128174.D
 Acq: 10 May 2022 21:56

Tgt Ion:172 Resp: 1059829
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 23.4 19.1 28.7

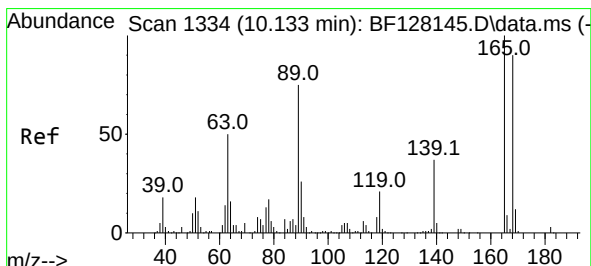
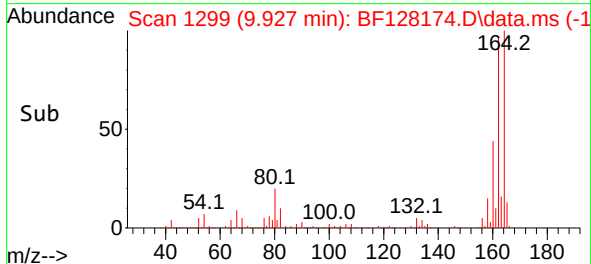
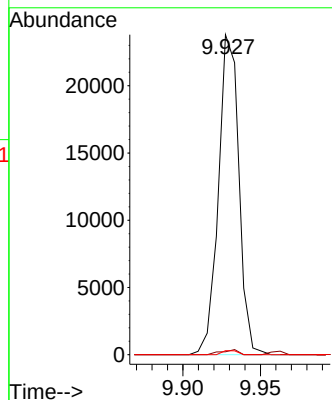
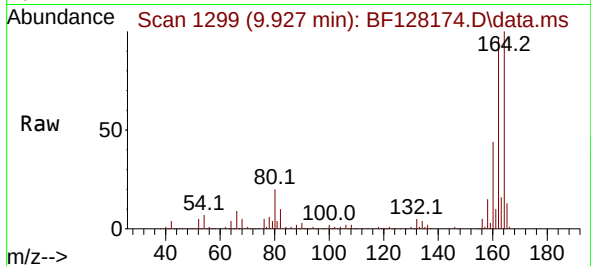




#51
2,6-Dinitrotoluene
Concen: 9.151 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.200 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

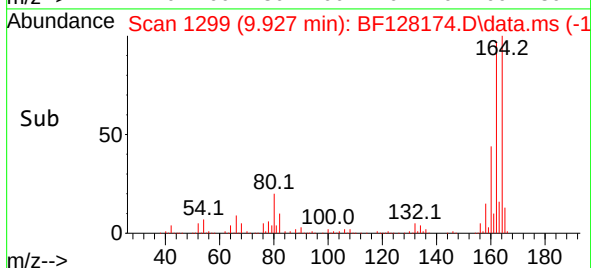
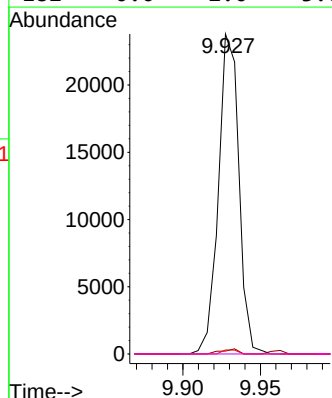
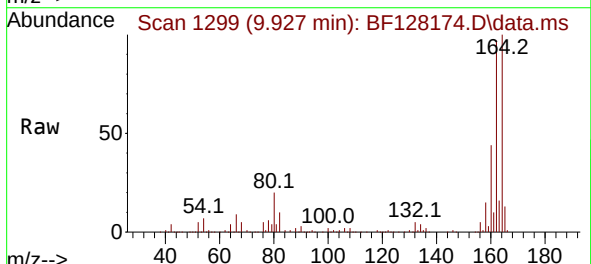
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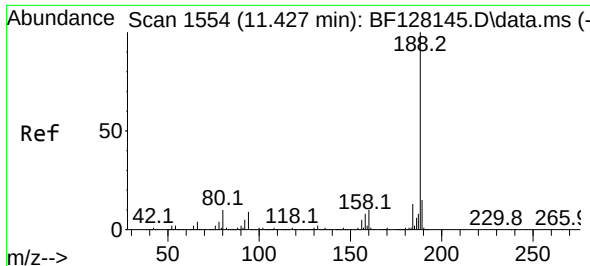
Tgt Ion:165 Resp: 21831
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.844 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

Tgt Ion:165 Resp: 21831
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

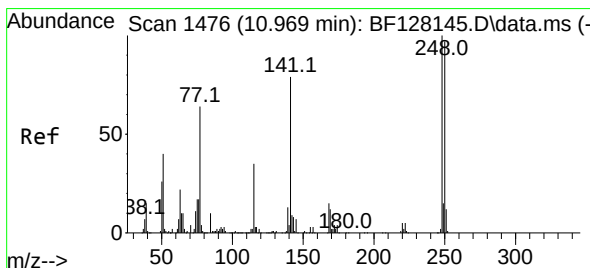
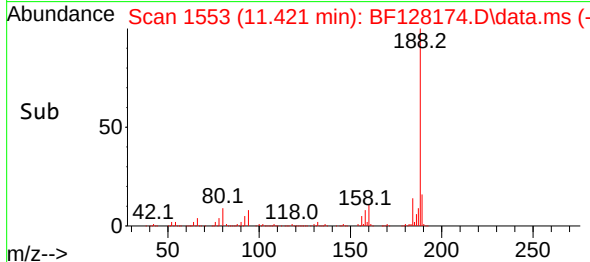
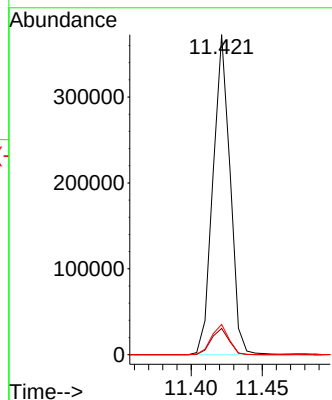
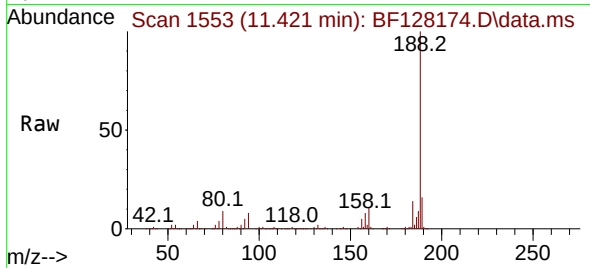




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

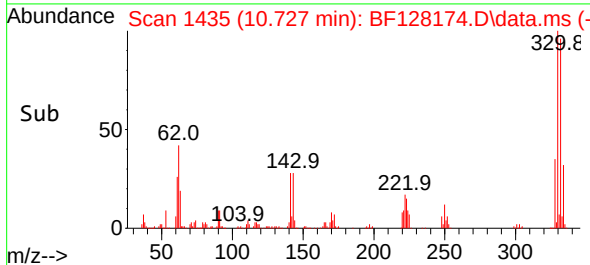
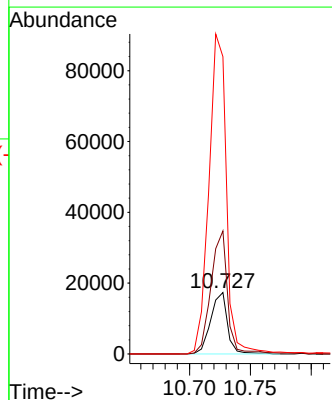
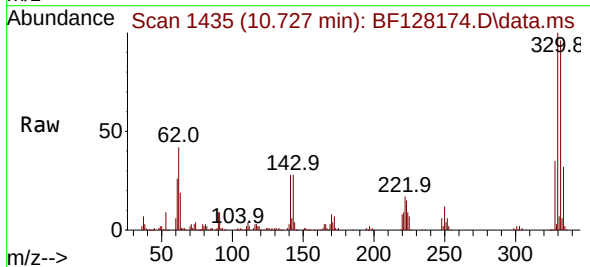
Instrument :
BNA_F
ClientSampleId :
TP-34

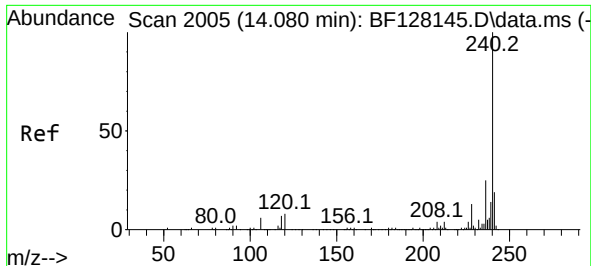
Tgt Ion:188 Resp: 311389
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.990 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

Tgt Ion:248 Resp: 16716
Ion Ratio Lower Upper
248 100
250 199.9 77.7 116.5#
141 483.1 65.6 98.4#

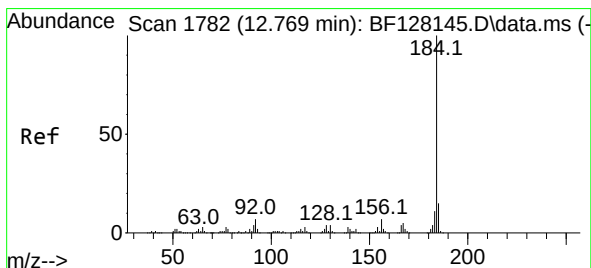
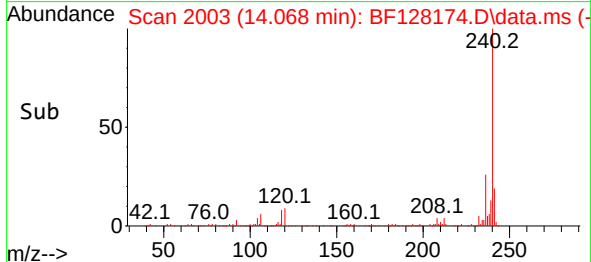
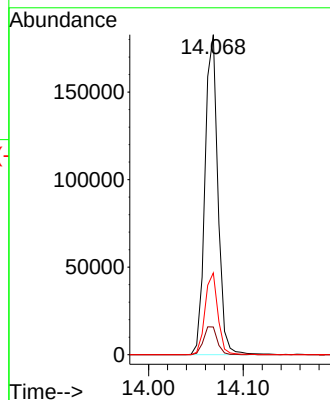
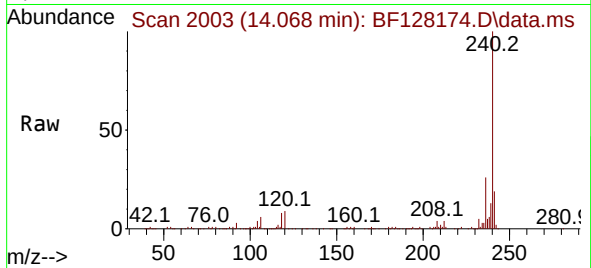




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

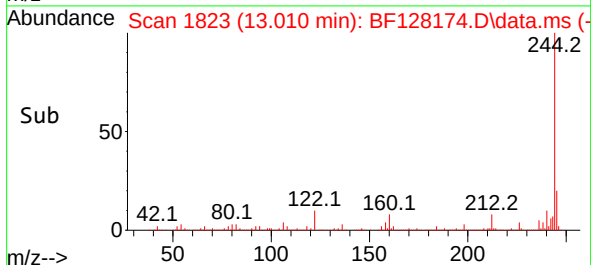
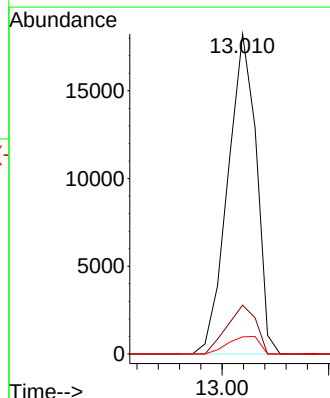
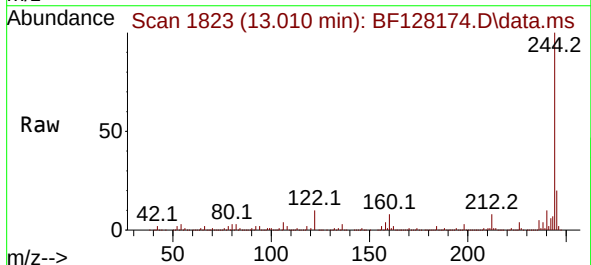
Instrument :
BNA_F
ClientSampleId :
TP-34

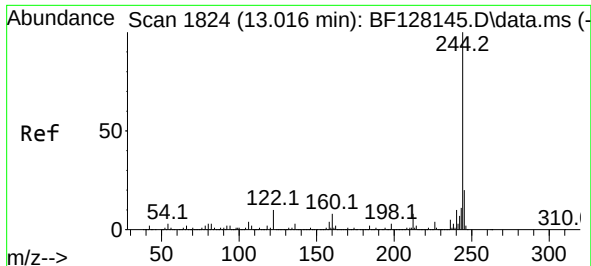
Tgt Ion:240 Resp: 172650
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 4.537 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128174.D
Acq: 10 May 2022 21:56

Tgt Ion:184 Resp: 16967
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 5.4 9.0 13.4

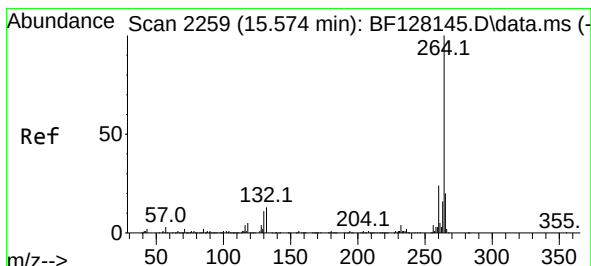
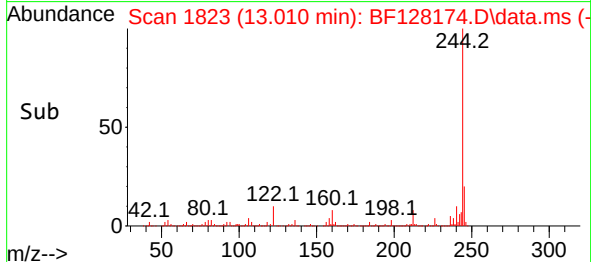
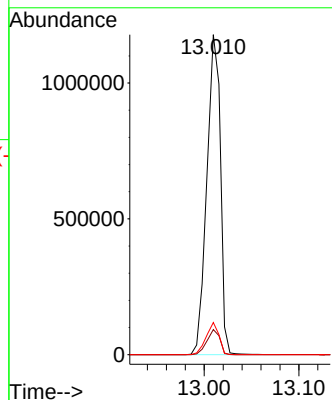
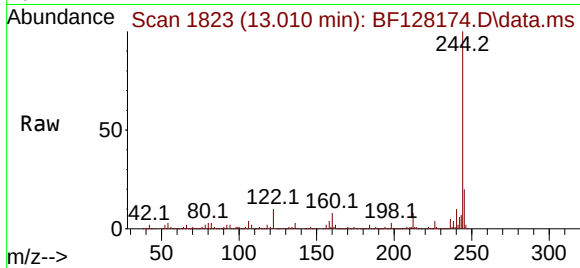




#79
 Terphenyl-d14
 Concen: 127.157 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128174.D
 Acq: 10 May 2022 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tgt Ion:244 Resp: 1169974
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.1 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: BF128174.D
 Acq: 10 May 2022 21:56

Tgt Ion:264 Resp: 170782
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 20.4 17.5 26.3

