

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128276.D
 Acq On : 16 May 2022 19:14
 Operator : CG\JU
 Sample : N2832-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Quant Time: May 17 06:22:48 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)

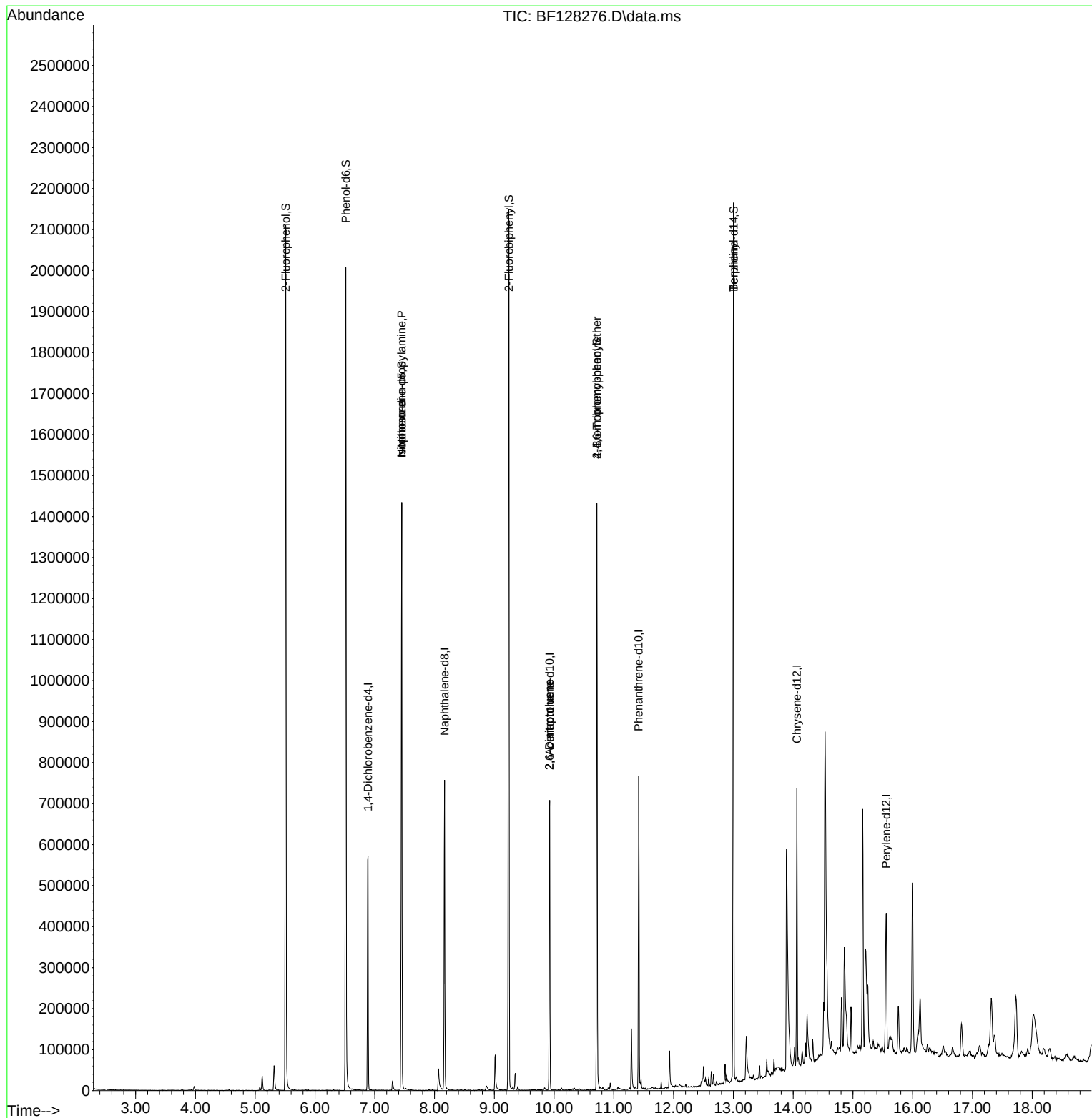
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	80792	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	301385	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	150039	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	255985	20.000	ng	0.00
76) Chrysene-d12	14.063	240	213465	20.000	ng	0.00
86) Perylene-d12	15.557	264	135532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	501730	98.998	ng	0.00
7) Phenol-d6	6.516	99	659262	98.349	ng	-0.01
23) Nitrobenzene-d5	7.451	82	458525	68.458	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	154333	89.689	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	677657	70.670	ng	0.00
79) Terphenyl-d14	13.004	244	702759	61.774	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	1080	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	62672	15.182	ng	# 79
25) Isophorone	7.451	82	458519	43.665	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	18669	8.790	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	18669	6.573	ng	# 26
67) 4-Bromophenyl-phenylether	10.716	248	9689	3.518	ng	# 1
77) Benzidine	13.004	184	10466	2.264	ng	# 93

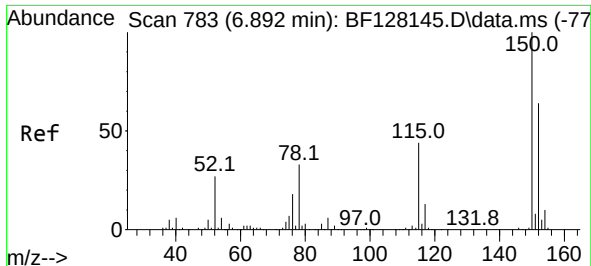
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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ALS Vial : 20 Sample Multiplier: 1

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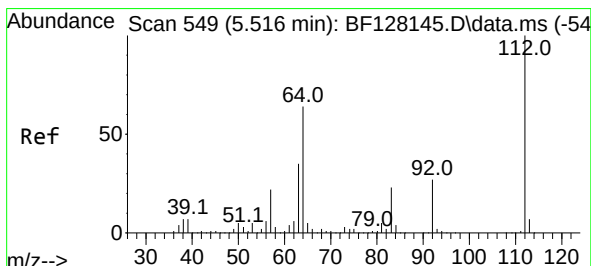
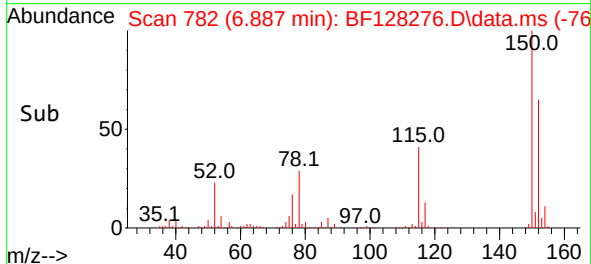
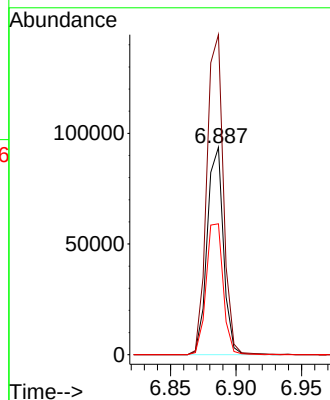
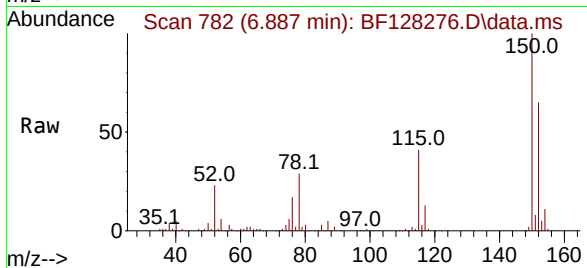




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128276.D
 Acq: 16 May 2022 19:14

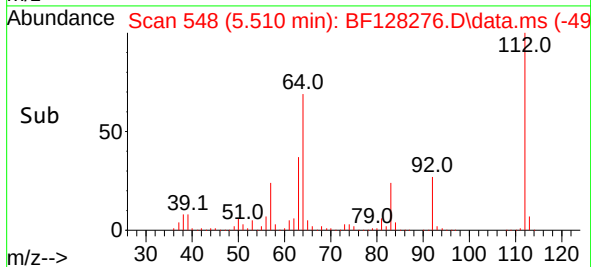
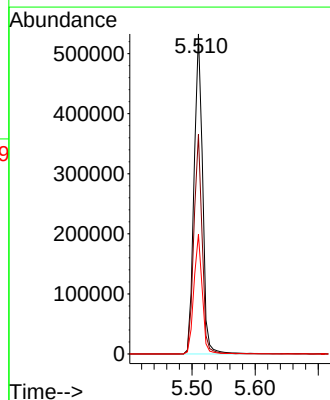
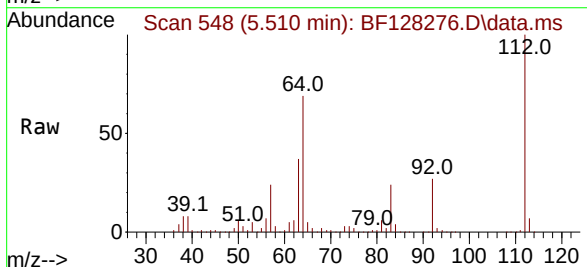
Instrument :
 BNA_F
 ClientSampleId :
 SB10

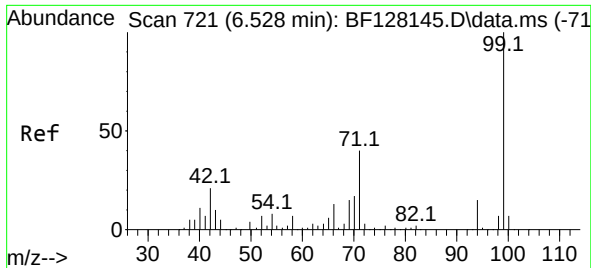
Tgt Ion:152 Resp: 80792
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.3 187.9
 115 63.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 98.998 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: BF128276.D
 Acq: 16 May 2022 19:14

Tgt Ion:112 Resp: 501730
 Ion Ratio Lower Upper
 112 100
 64 68.6 49.5 74.3
 63 37.3 26.3 39.5

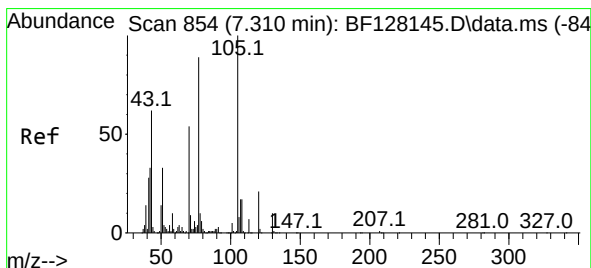
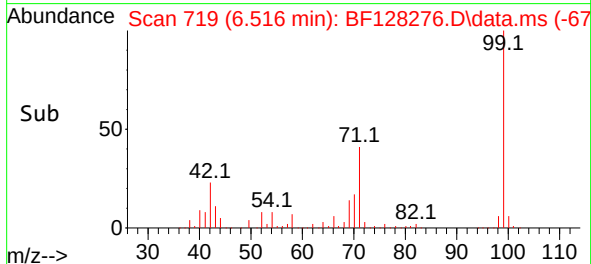
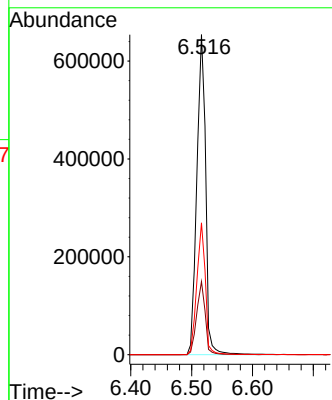
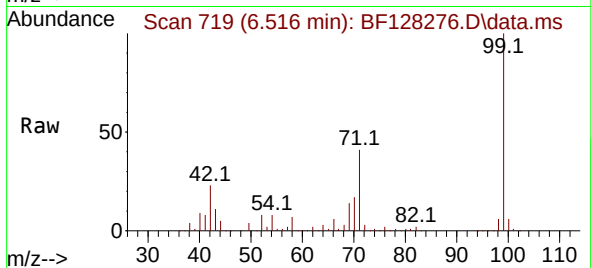




#7
Phenol-d6
Concen: 98.349 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

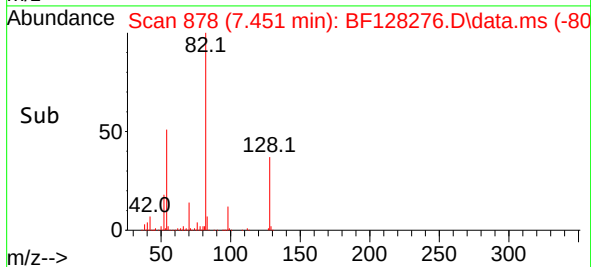
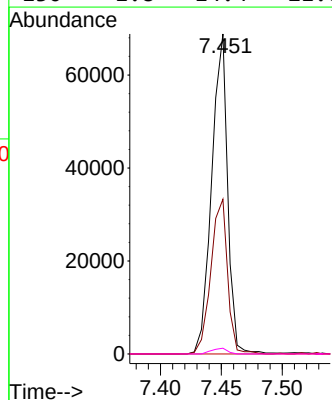
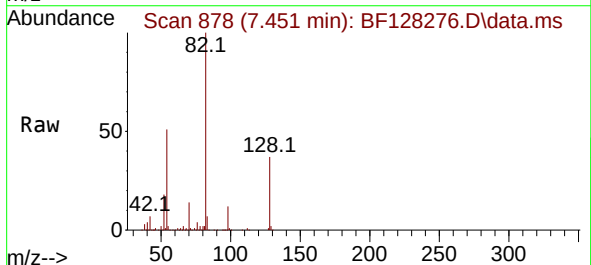
Instrument :
BNA_F
ClientSampleId :
SB10

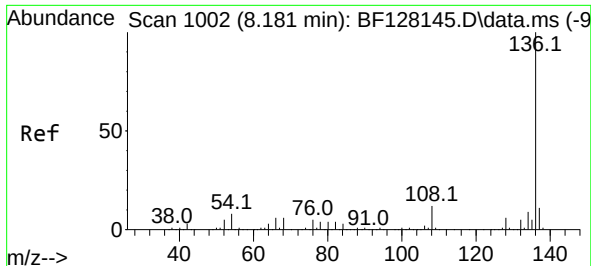
Tgt Ion: 99 Resp: 659262
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.182 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion: 70 Resp: 62672
Ion Ratio Lower Upper
70 100
42 48.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



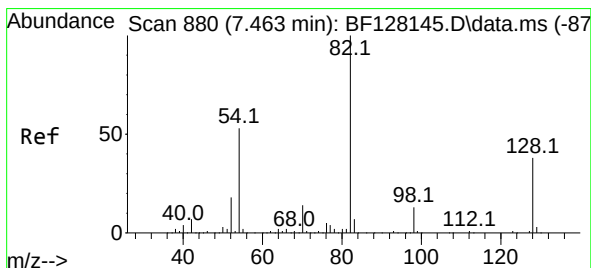
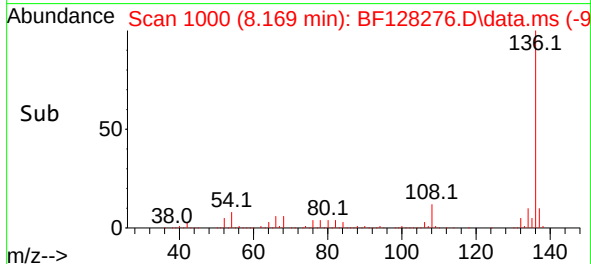
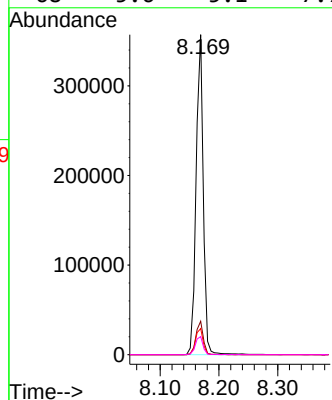
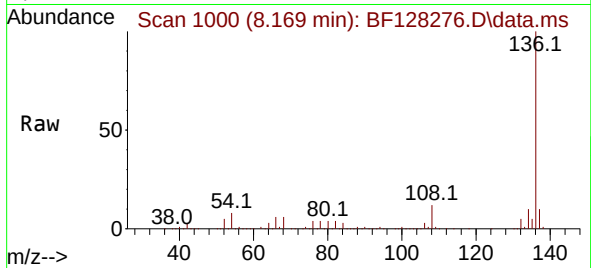


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion:136 Resp: 301385

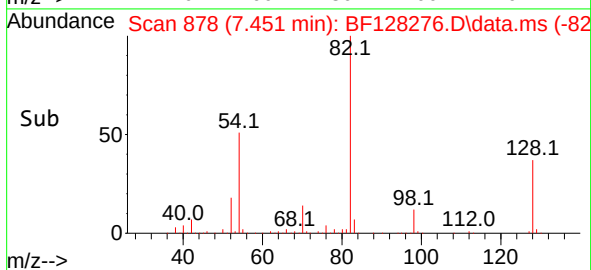
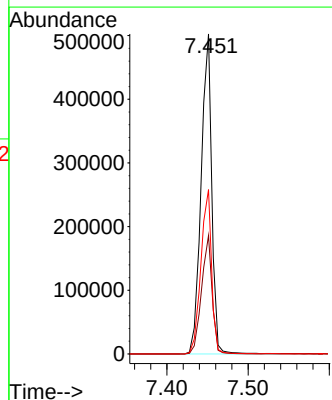
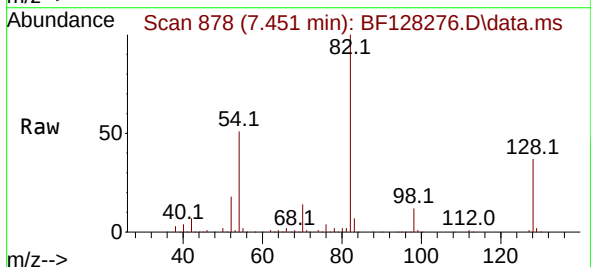
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.1	6.8	10.2
68	5.6	5.1	7.7

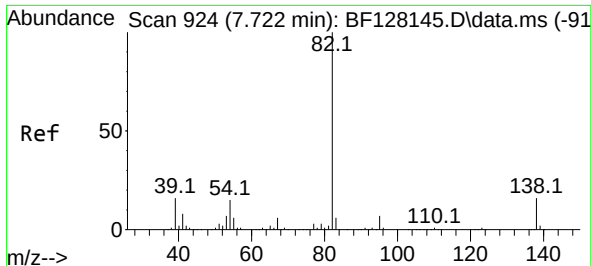


#23
Nitrobenzene-d5
Concen: 68.458 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion: 82 Resp: 458525

Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.0	45.0
54	51.3	41.3	61.9

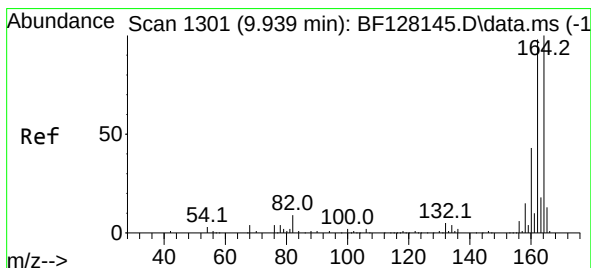
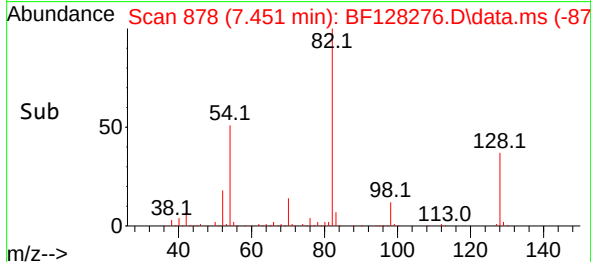
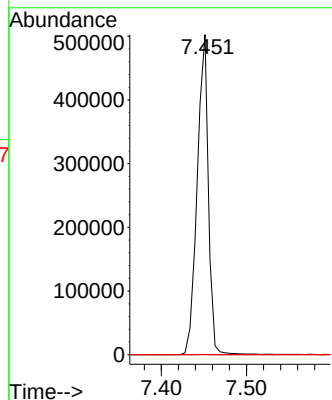
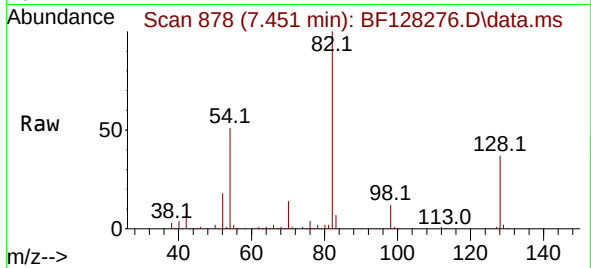




#25
Isophorone
Concen: 43.665 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

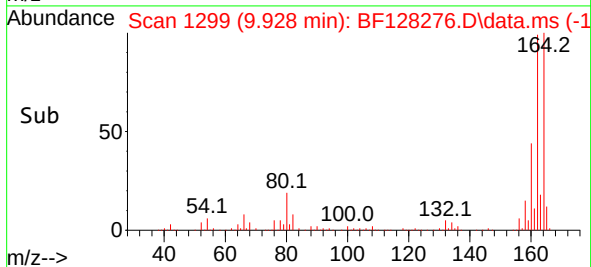
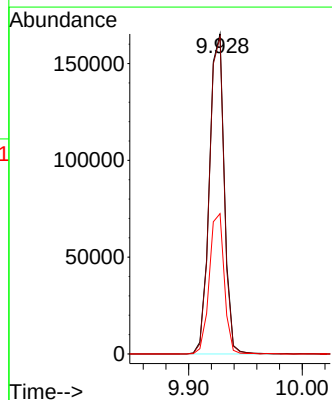
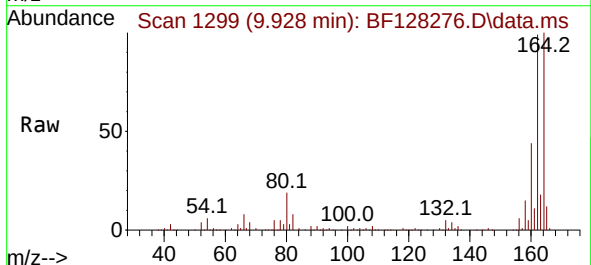
Instrument :
BNA_F
ClientSampleId :
SB10

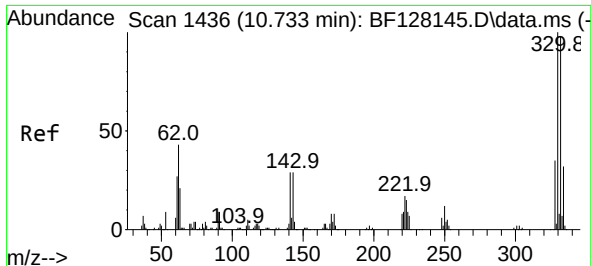
Tgt Ion: 82 Resp: 458519
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion: 164 Resp: 150039
Ion Ratio Lower Upper
164 100
162 99.0 76.0 114.0
160 43.9 34.8 52.2

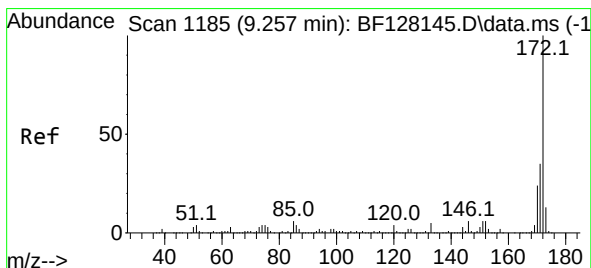
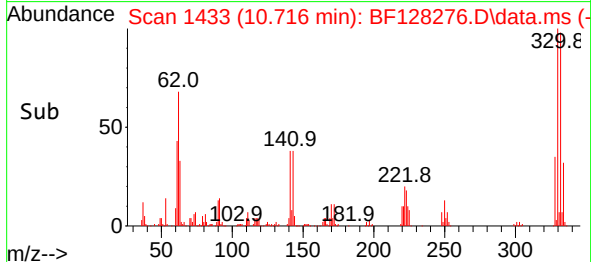
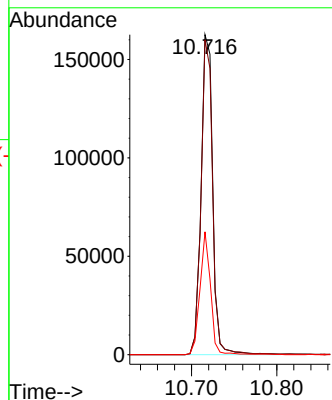
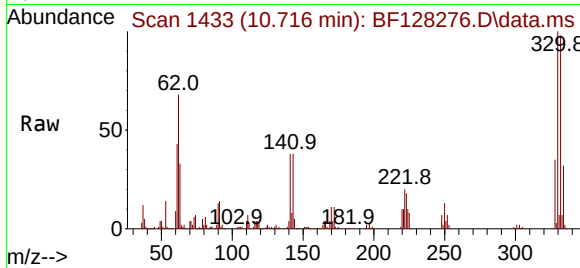




#42
2,4,6-Tribromophenol
Concen: 89.689 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

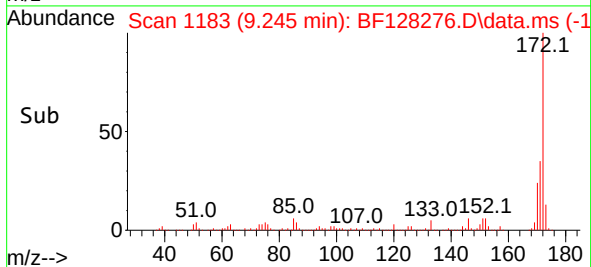
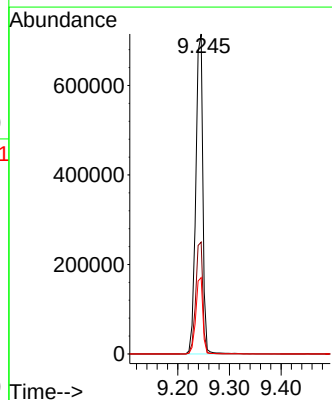
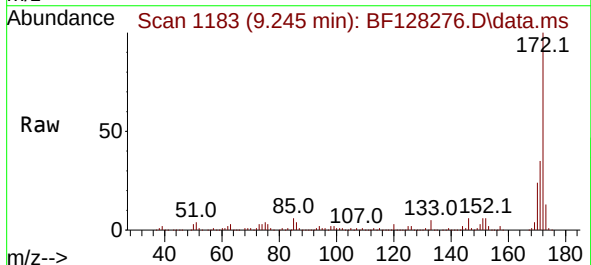
Instrument :
BNA_F
ClientSampleId :
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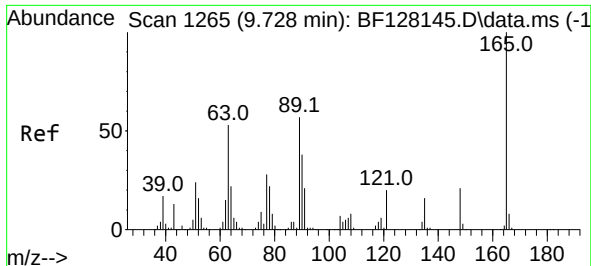
Tgt Ion:330 Resp: 154333
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 35.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 70.670 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion:172 Resp: 677657
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.9 19.1 28.7

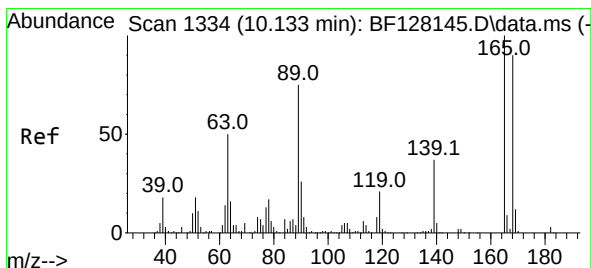
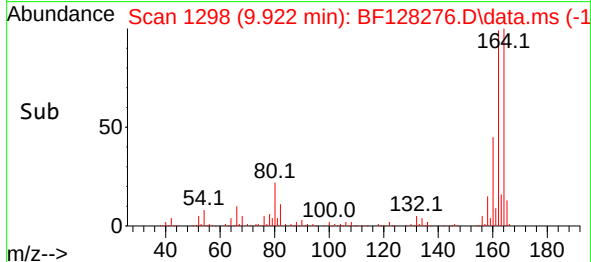
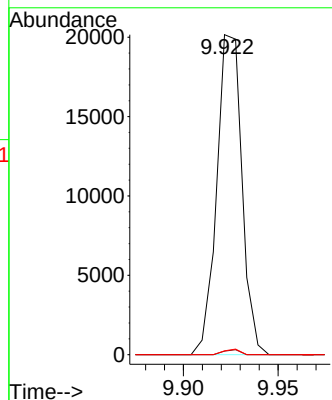
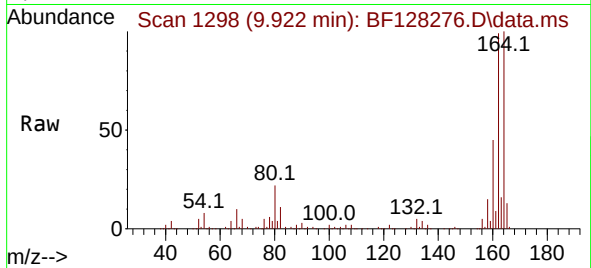




#51
2,6-Dinitrotoluene
Concen: 8.790 ng
RT: 9.922 min Scan# 1265
Delta R.T. 0.200 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

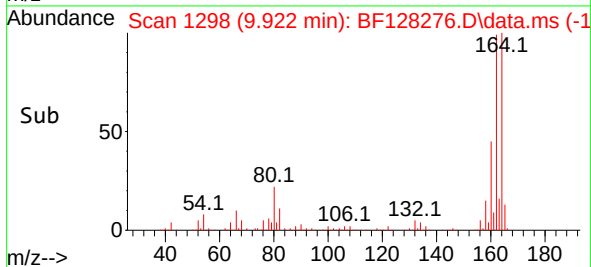
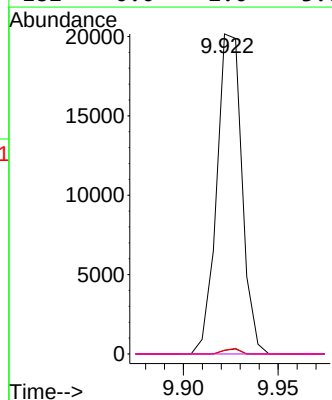
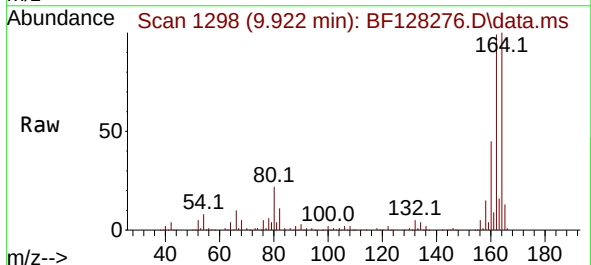
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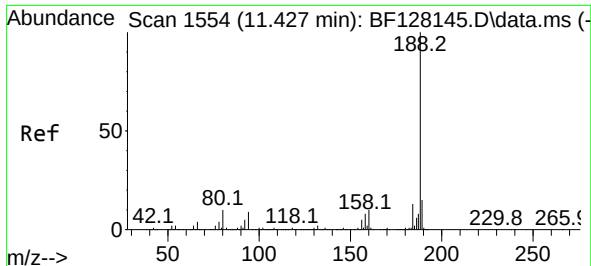
Tgt Ion:165 Resp: 18669
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.573 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.206 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion:165 Resp: 18669
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

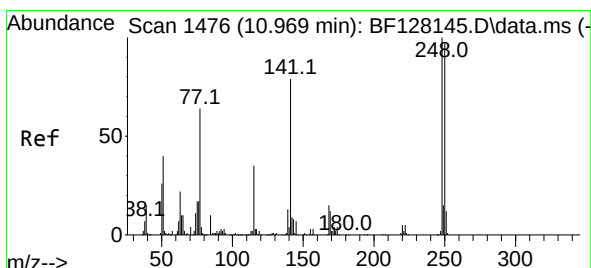
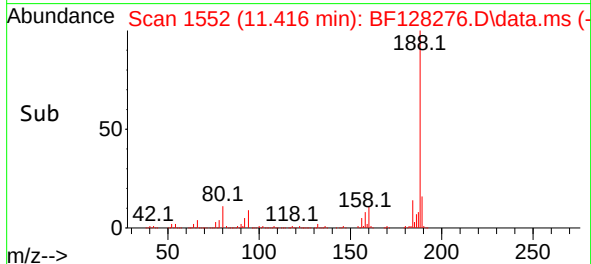
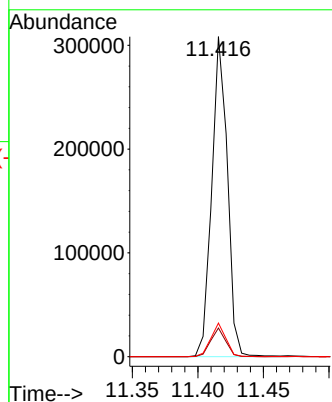
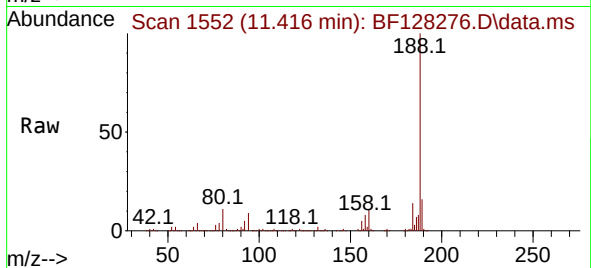




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

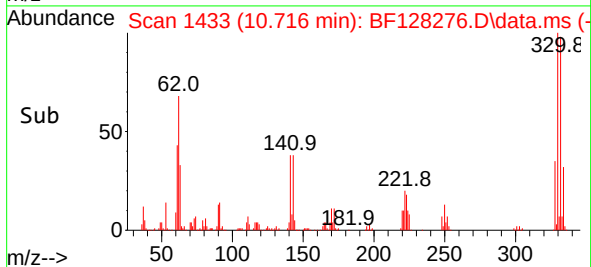
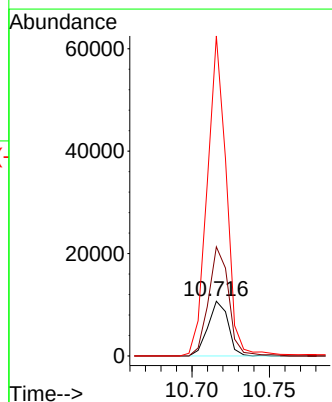
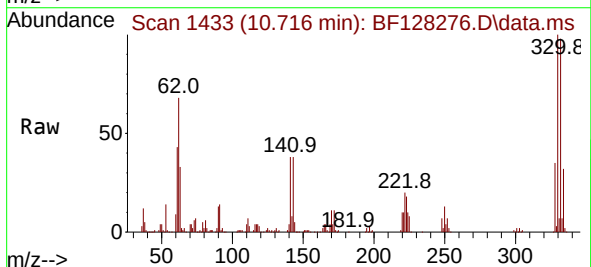
Instrument :
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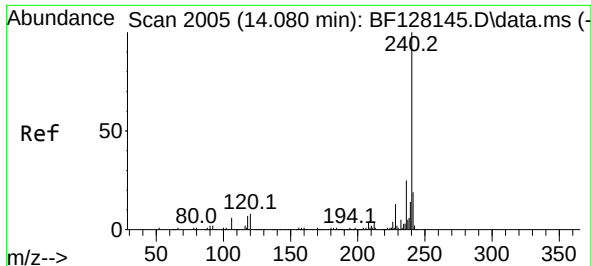
Tgt Ion:188 Resp: 255985
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.518 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion:248 Resp: 9689
Ion Ratio Lower Upper
248 100
250 199.2 77.7 116.5#
141 584.2 65.6 98.4#

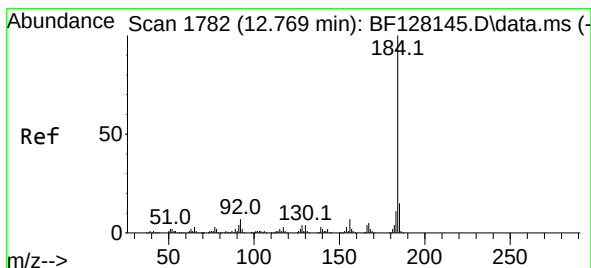
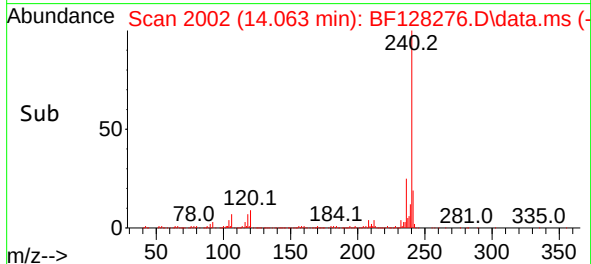
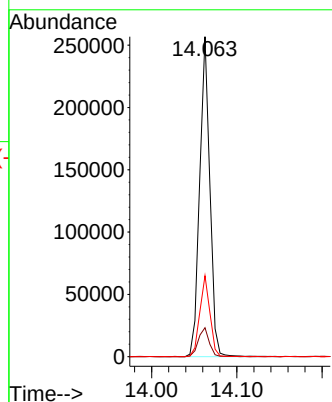
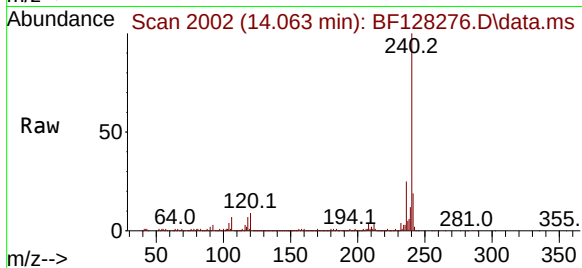




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

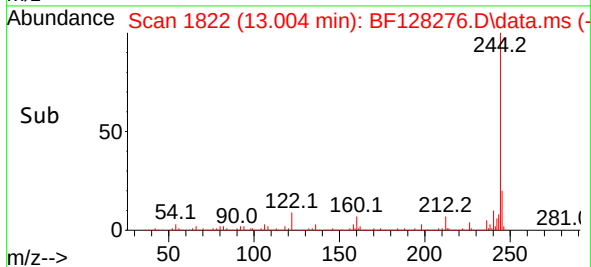
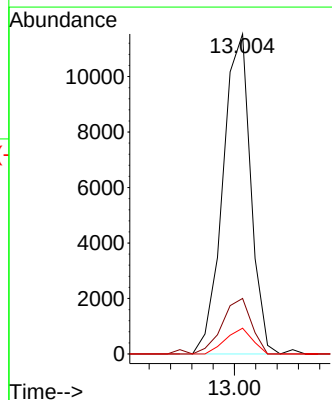
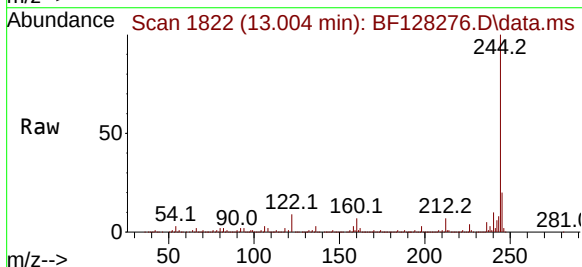
Instrument :
BNA_F
ClientSampleId :
SB10

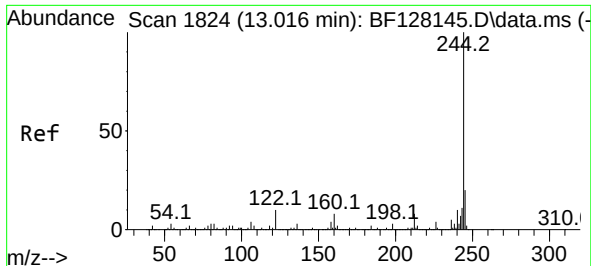
Tgt Ion:240 Resp: 213465
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.264 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF128276.D
Acq: 16 May 2022 19:14

Tgt Ion:184 Resp: 10466
Ion Ratio Lower Upper
184 100
185 17.4 12.1 18.1
183 8.1 9.0 13.4#

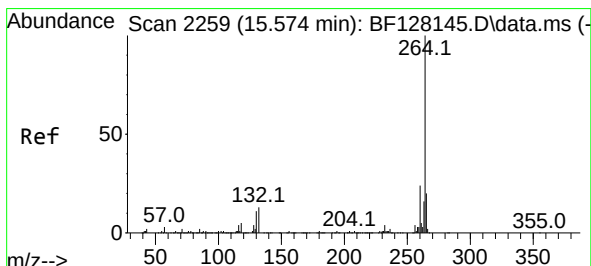
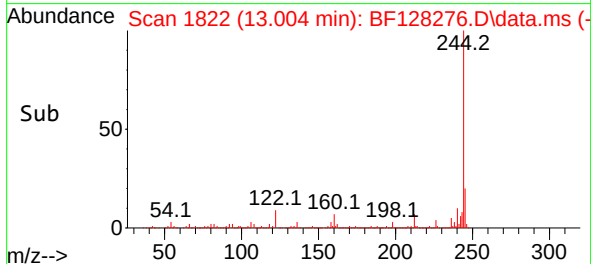
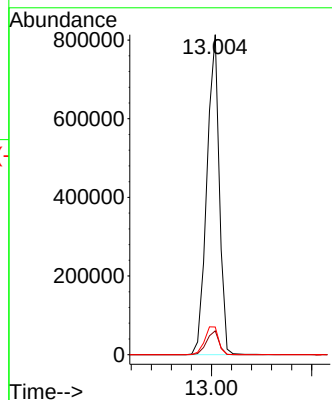
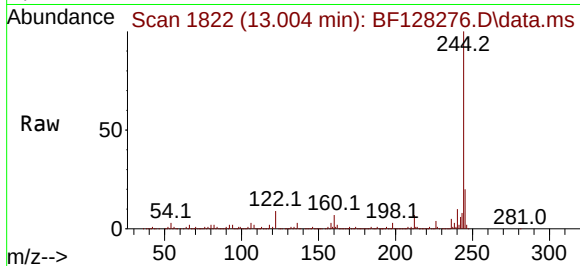




#79
 Terphenyl-d14
 Concen: 61.774 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128276.D
 Acq: 16 May 2022 19:14

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Tgt Ion:244 Resp: 702759
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.6 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: BF128276.D
 Acq: 16 May 2022 19:14

Tgt Ion:264 Resp: 135532
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.7 17.5 26.3

