

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128125.D
 Acq On : 06 May 2022 15:36
 Operator : CG\JU
 Sample : N2712-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-1

Quant Time: May 06 16:04:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

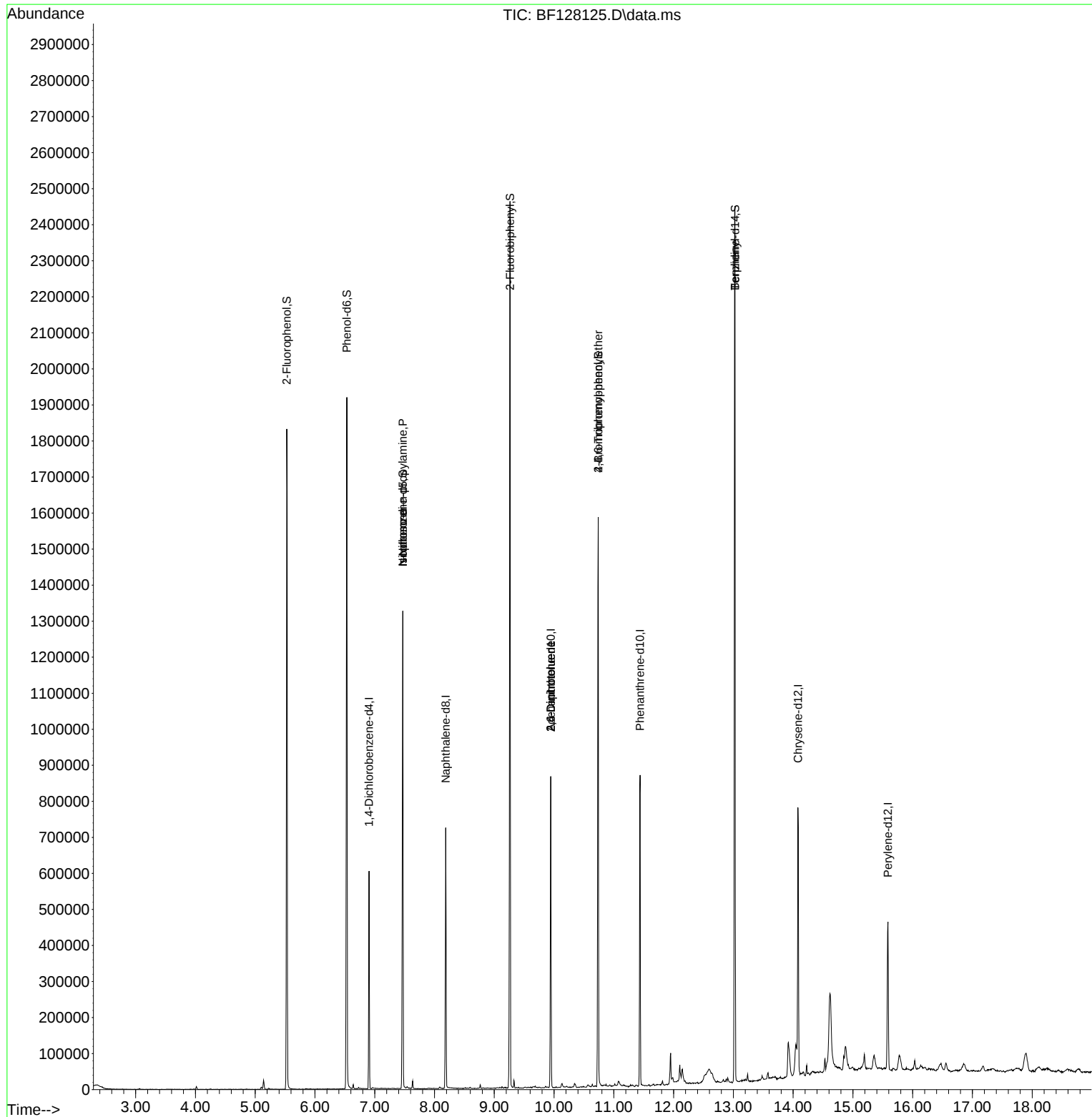
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76629	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	293120	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	169518	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	322311	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	255928	20.000	ng	-0.01
86) Perylene-d12	15.586	264	184932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	478659	99.492	ng	0.00
7) Phenol-d6	6.534	99	625006	100.119	ng	-0.01
23) Nitrobenzene-d5	7.469	82	435415	69.852	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	185479	108.691	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	717889	71.643	ng	0.00
79) Terphenyl-d14	13.027	244	906736	64.785	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	59109	15.468	ng	# 78
25) Isophorone	7.469	82	434291	41.396	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21872	8.886	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	21872	6.708	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	11622	3.253	ng	# 1
77) Benizidine	13.027	184	13497	2.787	ng	# 95

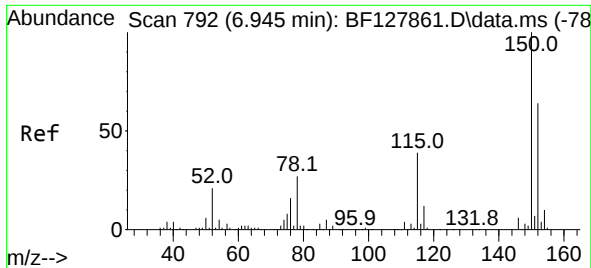
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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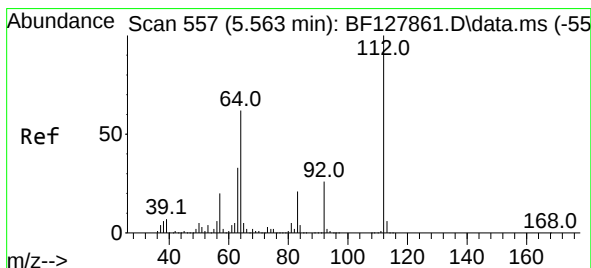
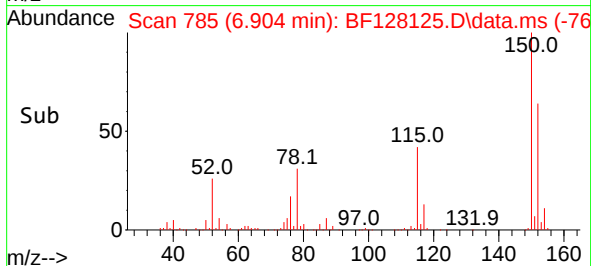
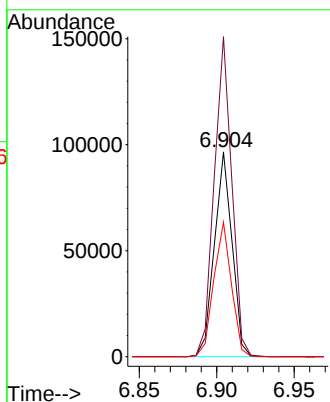
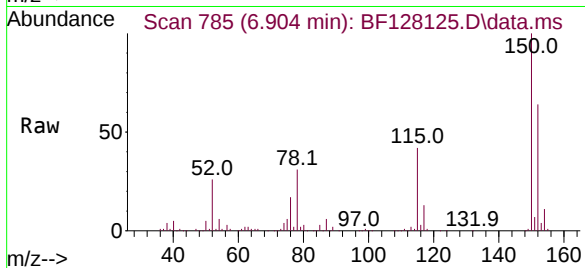




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128125.D
 Acq: 06 May 2022 15:36

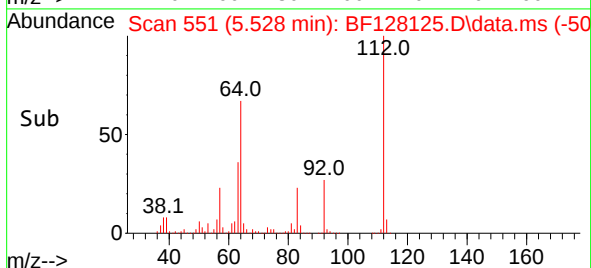
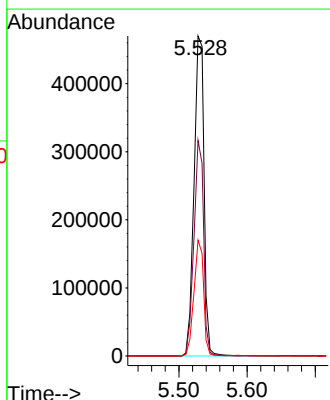
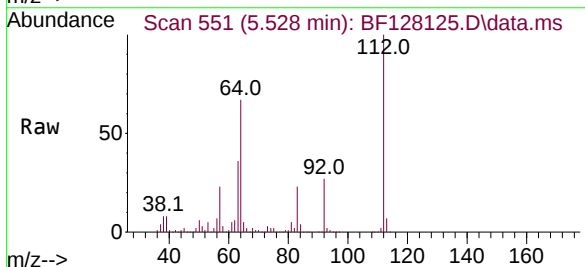
Instrument :
 MSVOA_U
 ClientSampleId :
 SP-1

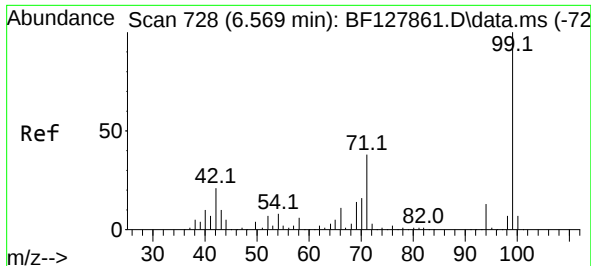
Tgt Ion:152 Resp: 76629
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.3 187.9
 115 65.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 99.492 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF128125.D
 Acq: 06 May 2022 15:36

Tgt Ion:112 Resp: 478659
 Ion Ratio Lower Upper
 112 100
 64 67.3 49.5 74.3
 63 36.2 26.3 39.5

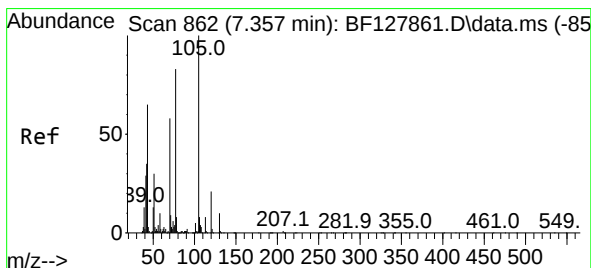
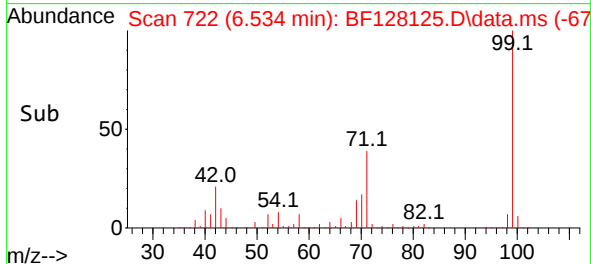
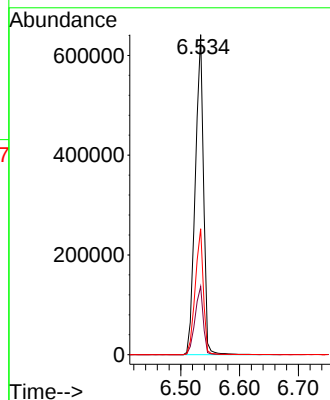
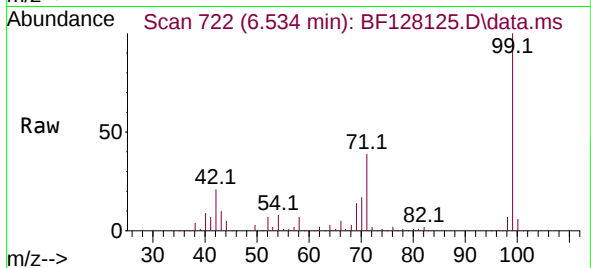




#7
Phenol-d6
Concen: 100.119 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

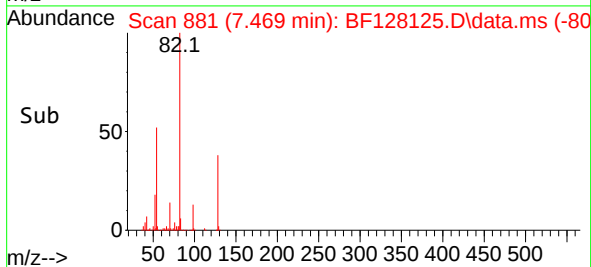
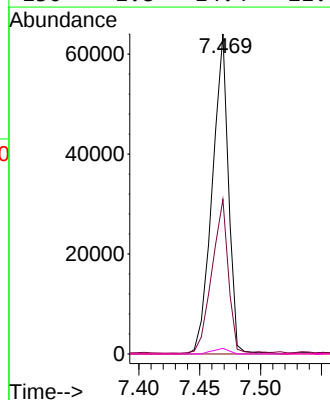
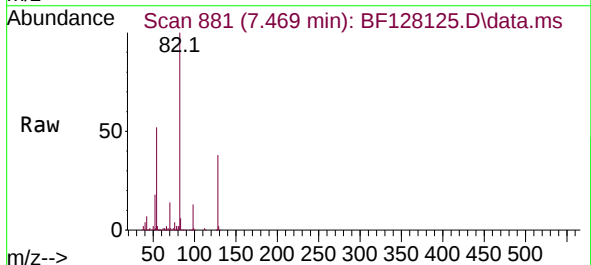
Instrument :
MSVOA_U
ClientSampleId :
SP-1

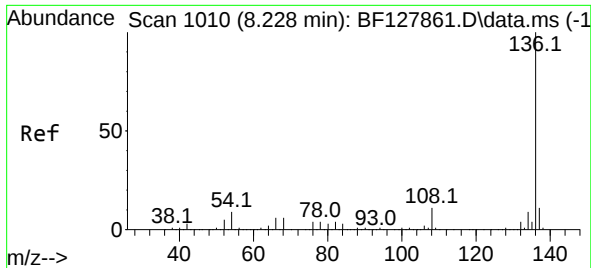
Tgt Ion: 99 Resp: 625006
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.468 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion: 70 Resp: 59109
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#

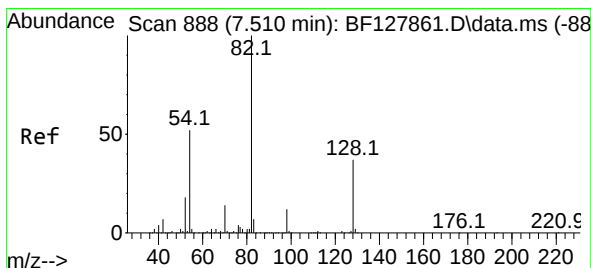
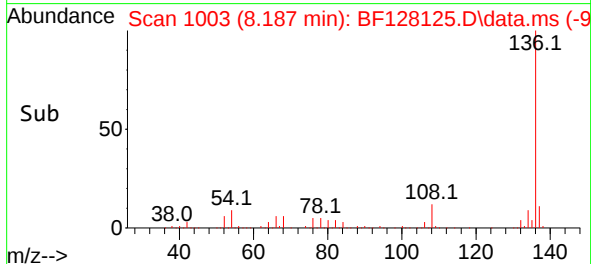
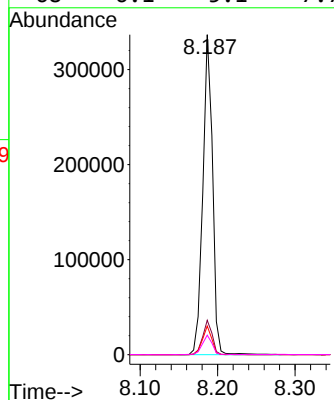
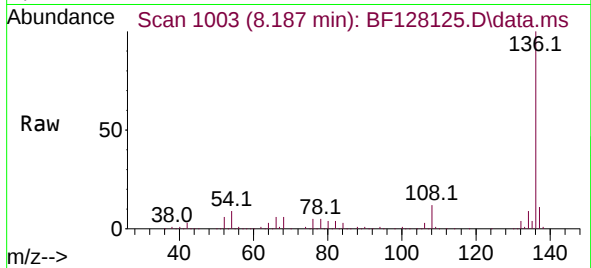




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

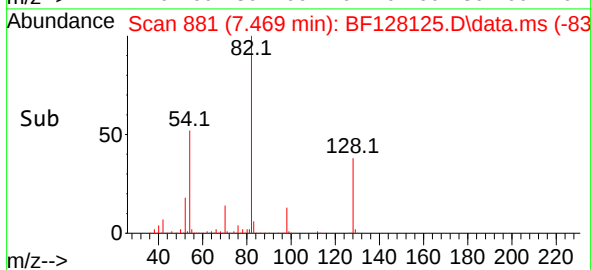
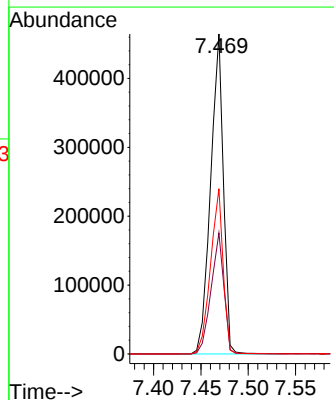
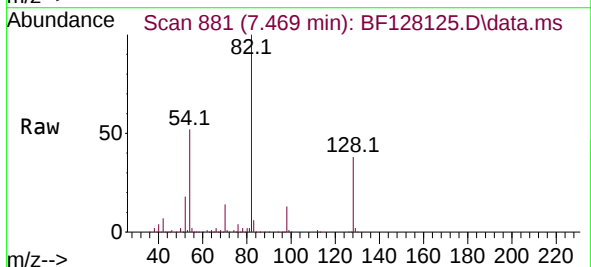
Instrument :
MSVOA_U
ClientSampleId :
SP-1

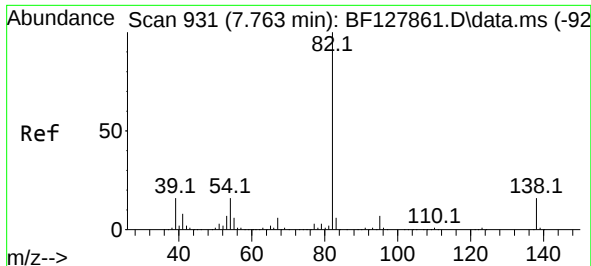
Tgt Ion:136	Resp: 293120
Ion Ratio	Lower Upper
136	100
137	10.8 8.6 13.0
54	9.0 6.8 10.2
68	6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 69.852 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion: 82	Resp: 435415
Ion Ratio	Lower Upper
82	100
128	37.9 30.0 45.0
54	51.6 41.3 61.9

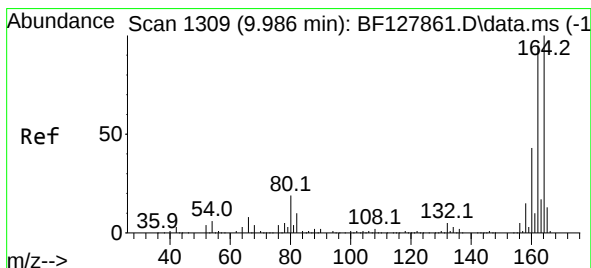
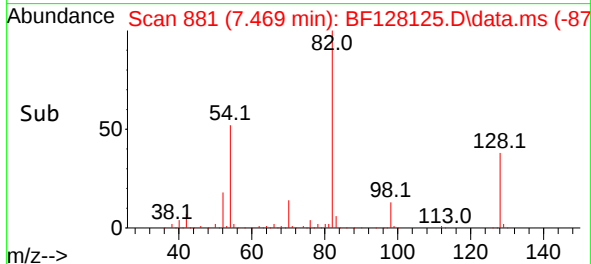
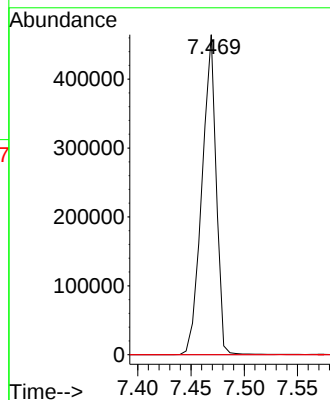
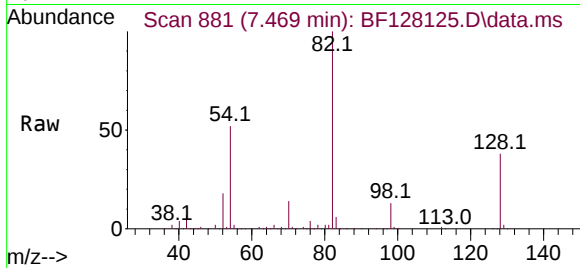




#25
Isophorone
Concen: 41.396 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

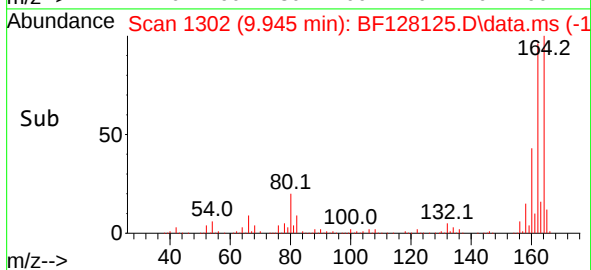
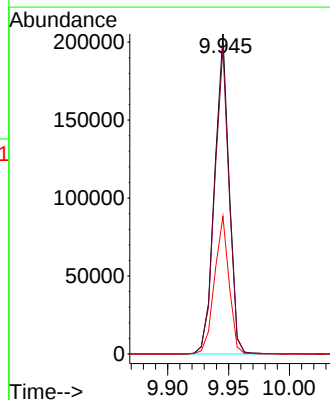
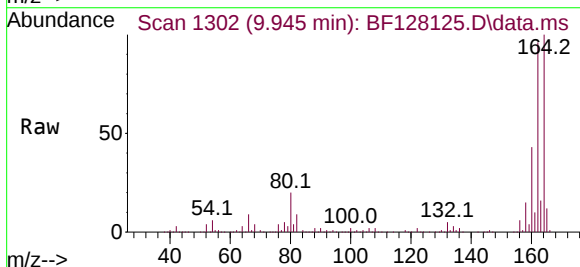
Instrument :
MSVOA_U
ClientSampleId :
SP-1

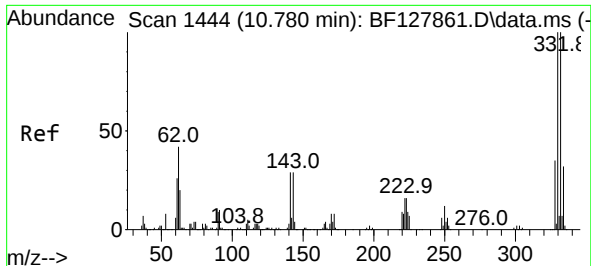
Tgt Ion: 82 Resp: 434291
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion: 164 Resp: 169518
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 108.691 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128125.D

Acq: 06 May 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

SP-1

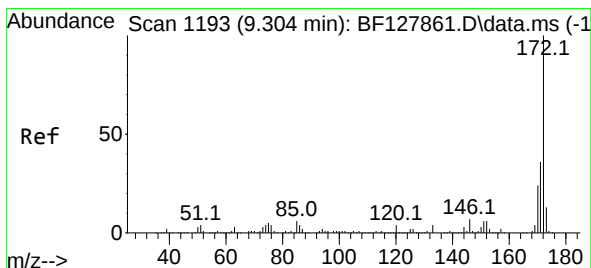
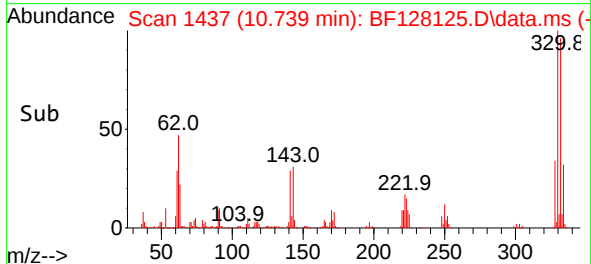
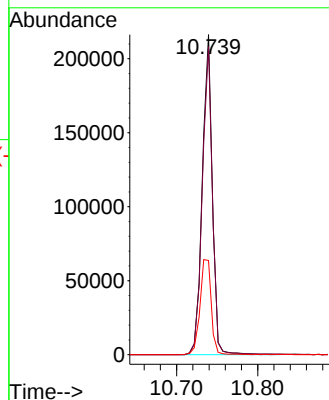
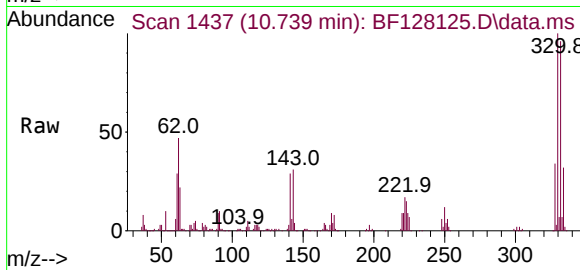
Tgt Ion:330 Resp: 185479

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.643 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128125.D

Acq: 06 May 2022 15:36

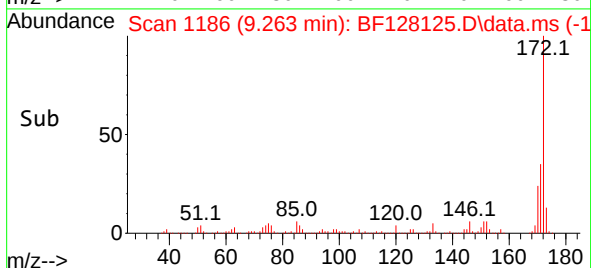
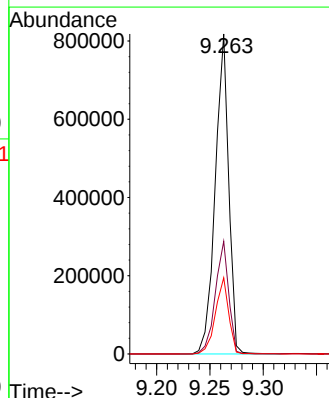
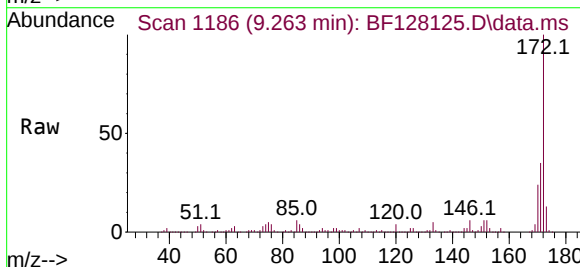
Tgt Ion:172 Resp: 717889

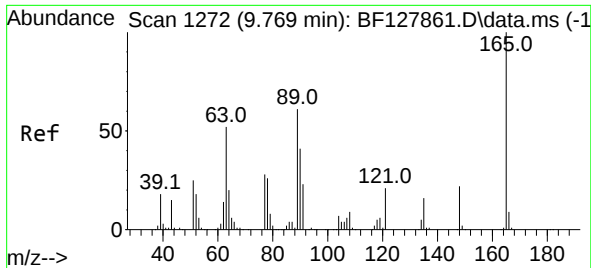
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.8 19.1 28.7

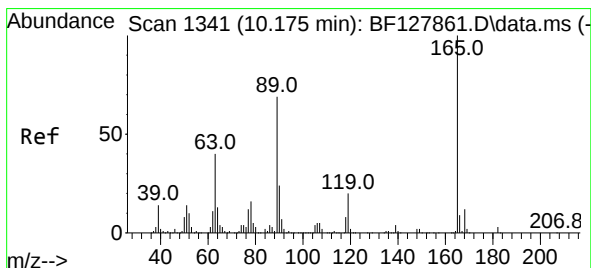
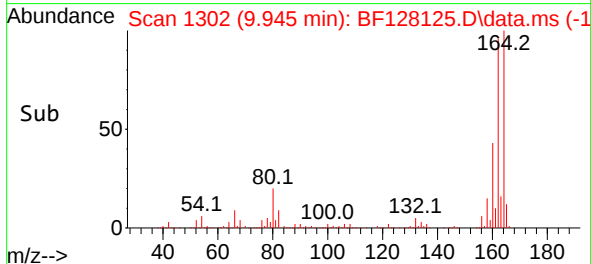
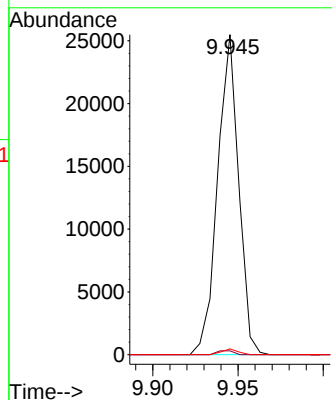
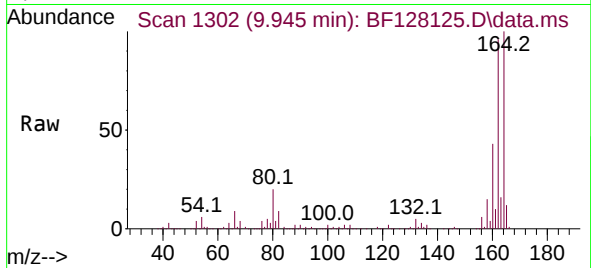




#51
2,6-Dinitrotoluene
Concen: 8.886 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

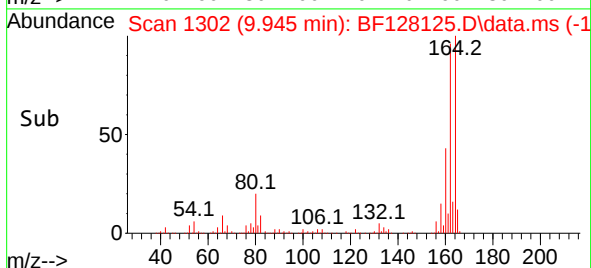
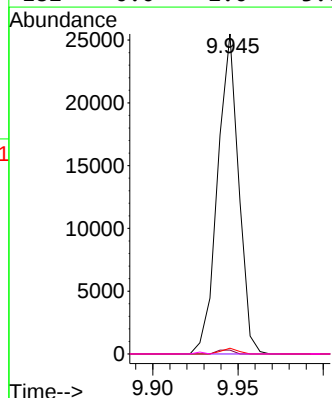
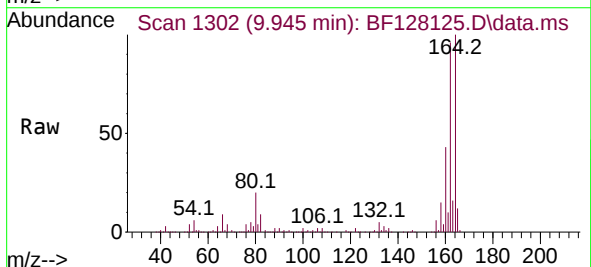
Instrument :
MSVOA_U
ClientSampleId :
SP-1

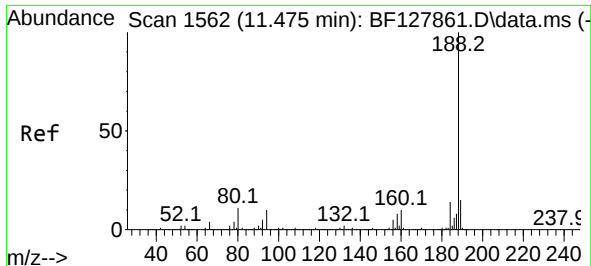
Tgt Ion:165 Resp: 21872
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.708 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:165 Resp: 21872
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

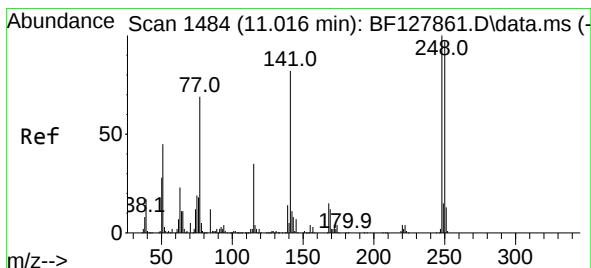
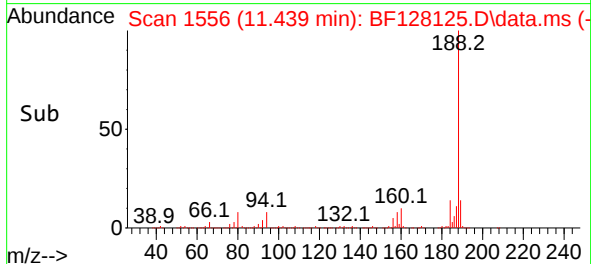
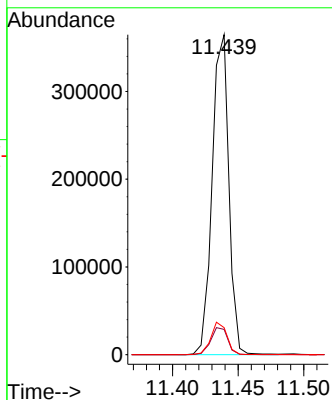
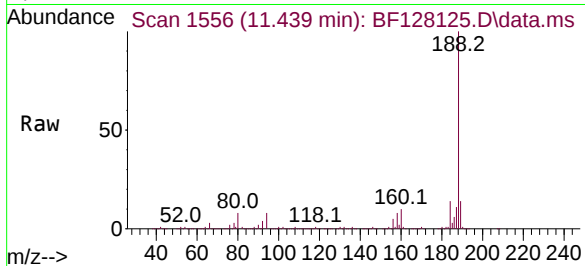




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

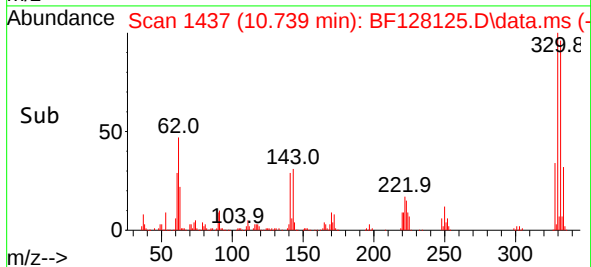
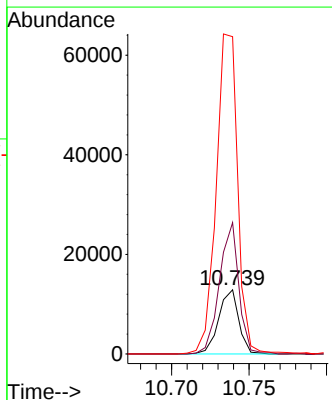
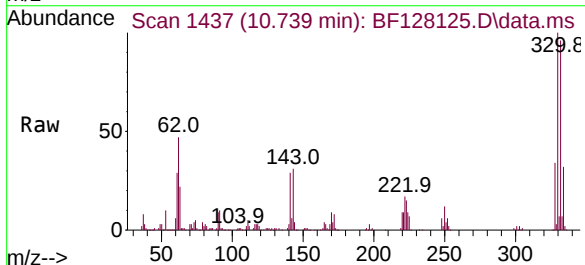
Instrument :
MSVOA_U
ClientSampleId :
SP-1

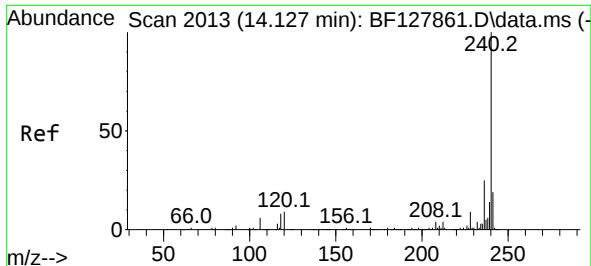
Tgt Ion:188 Resp: 322311
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.5 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.253 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:248 Resp: 11622
Ion Ratio Lower Upper
248 100
250 204.8 77.7 116.5#
141 494.5 65.6 98.4#

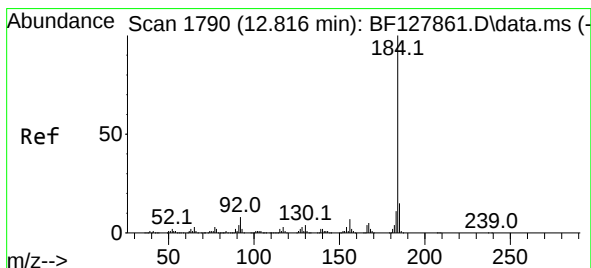
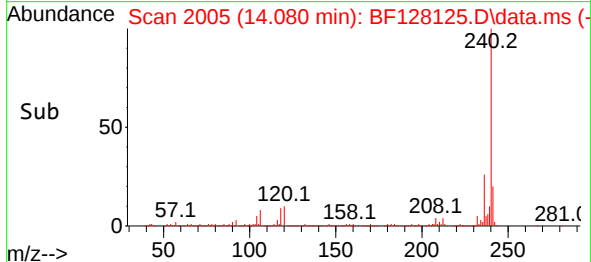
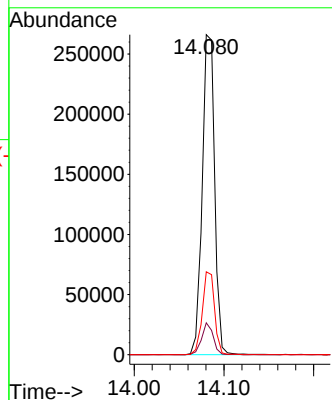
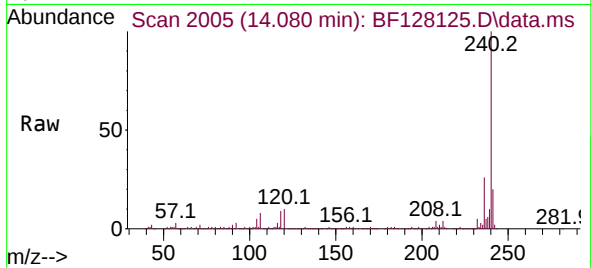




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

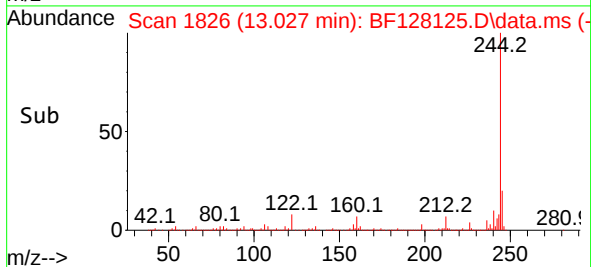
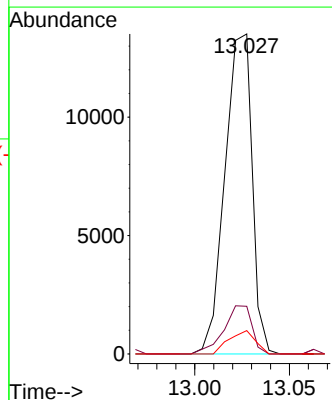
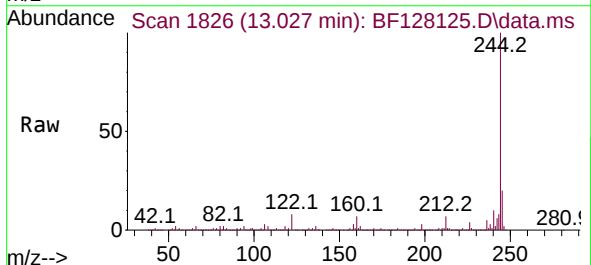
Instrument :
MSVOA_U
ClientSampleId :
SP-1

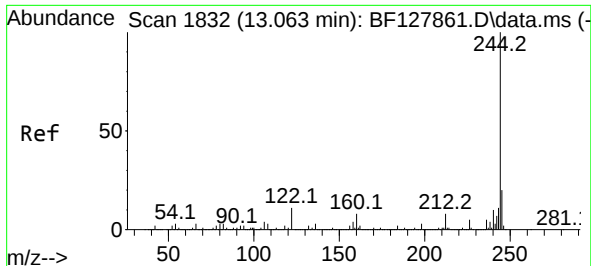
Tgt Ion:240 Resp: 255928
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.9 20.3 30.5



#77
Benidine
Concen: 2.787 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128125.D
Acq: 06 May 2022 15:36

Tgt Ion:184 Resp: 13497
Ion Ratio Lower Upper
184 100
185 14.9 12.1 18.1
183 7.3 9.0 13.4#

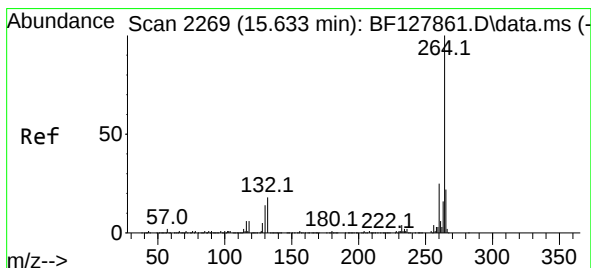
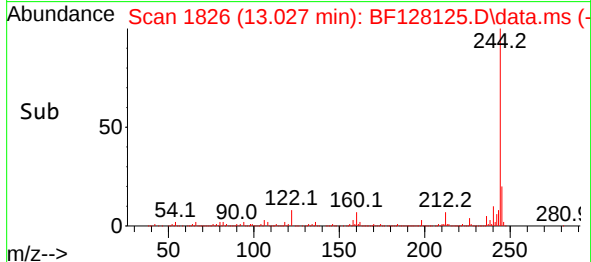
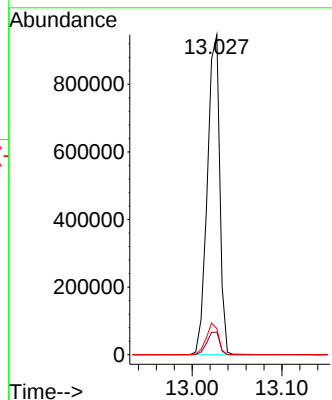
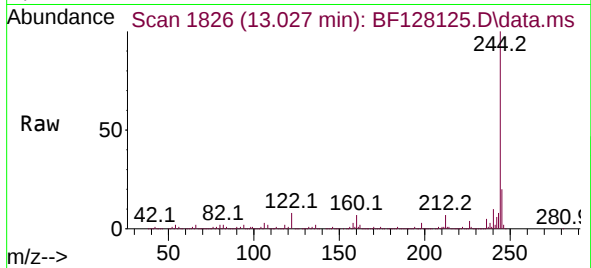




#79
 Terphenyl-d14
 Concen: 64.785 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128125.D
 Acq: 06 May 2022 15:36

Instrument :
 MSVOA_U
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 906736
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.2 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128125.D
 Acq: 06 May 2022 15:36

Tgt Ion:264 Resp: 184932
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 20.8 17.5 26.3

