

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127178.D
 Acq On : 03 Mar 2022 18:34
 Operator : CG\JU
 Sample : N1721-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-5

Quant Time: Mar 04 02:14:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

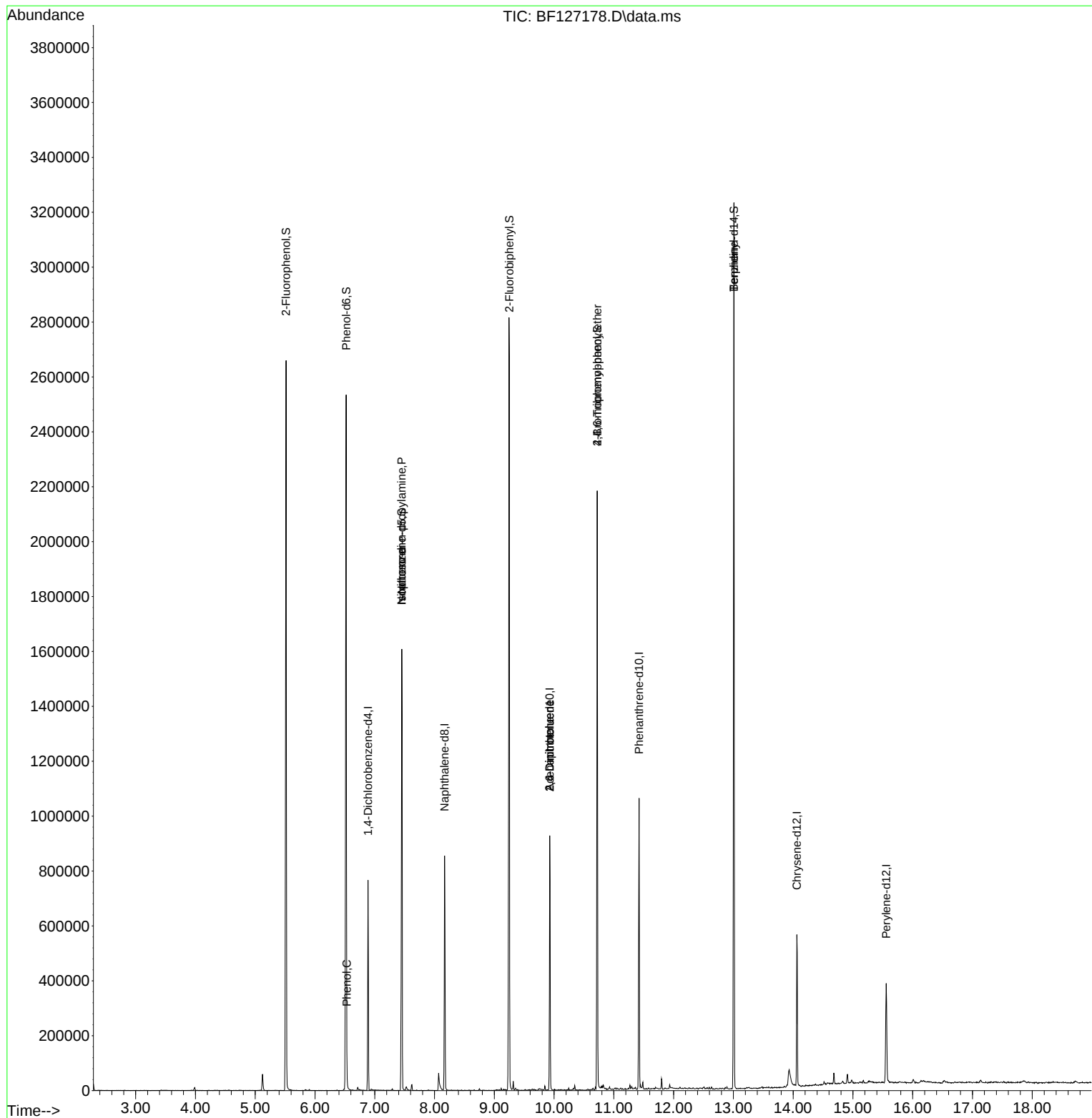
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	95750	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	349765	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	179654	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	329441	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	183950	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	158199	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	635963	102.656	ng	0.00
7) Phenol-d6	6.522	99	838038	100.251	ng	0.00
23) Nitrobenzene-d5	7.451	82	556005	71.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	241320	116.666	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	882120	72.284	ng	0.00
79) Terphenyl-d14	13.010	244	998701	79.811	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	20543	2.432	ng	92
19) n-Nitroso-di-n-propyla...	7.451	70	75473	14.011	ng	# 77
25) Isophorone	7.451	82	555997	43.361	ng	# 69
51) 2,6-Dinitrotoluene	9.928	165	23218	8.887	ng	# 22
57) 2,4-Dinitrotoluene	9.928	165	23218	6.573	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	13895	3.775	ng	# 1
77) Benzidine	13.010	184	14531	2.907	ng	# 91

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

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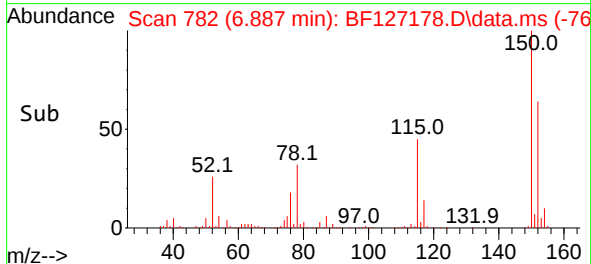
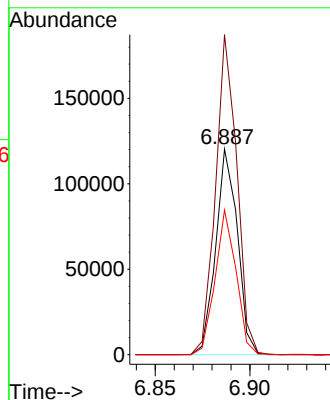
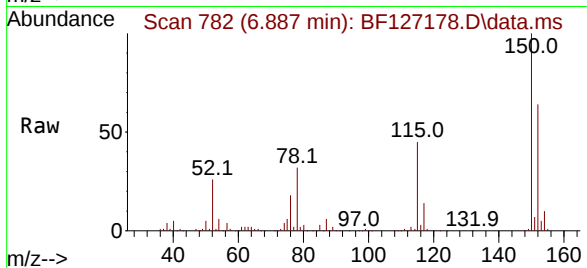




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127178.D
 Acq: 03 Mar 2022 18:34

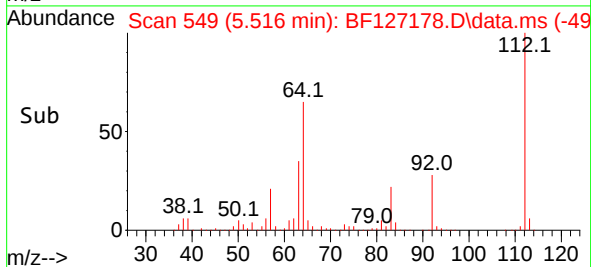
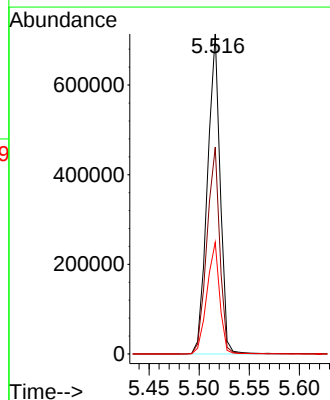
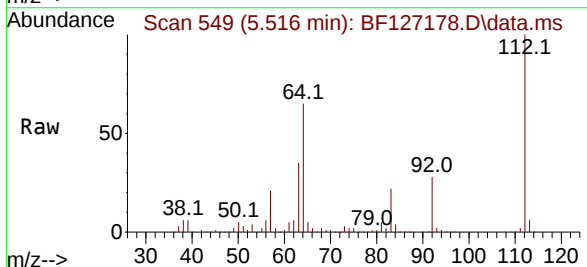
Instrument :
 BNA_F
 ClientSampleId :
 DUM-5

Tgt Ion:152 Resp: 95750
 Ion Ratio Lower Upper
 152 100
 150 155.7 128.1 192.1
 115 70.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 102.656 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127178.D
 Acq: 03 Mar 2022 18:34

Tgt Ion:112 Resp: 635963
 Ion Ratio Lower Upper
 112 100
 64 64.6 49.5 74.3
 63 34.9 23.9 35.9

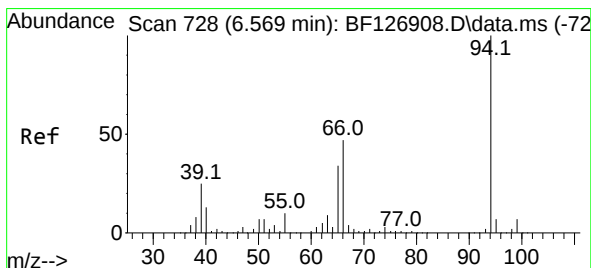
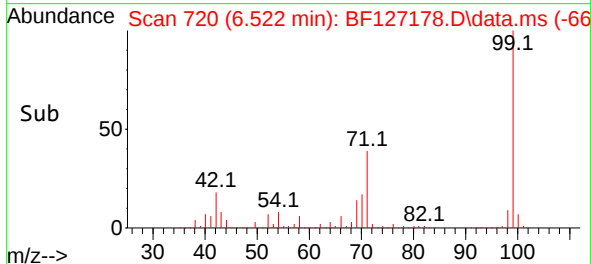
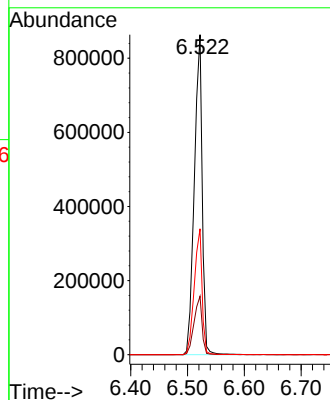
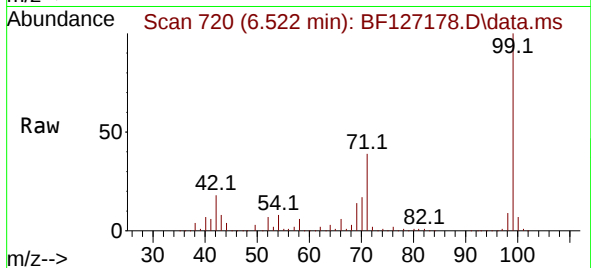




#7
Phenol-d6
Concen: 100.251 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

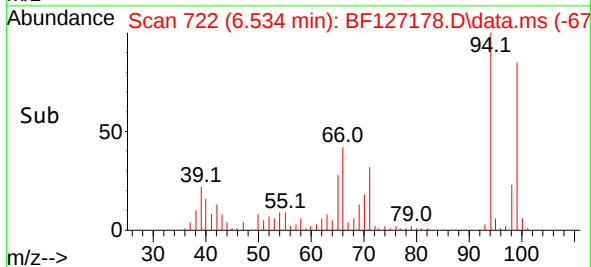
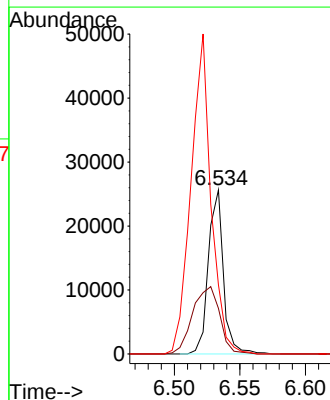
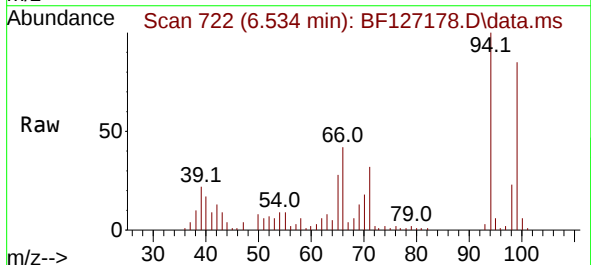
Instrument :
BNA_F
ClientSampleId :
DUM-5

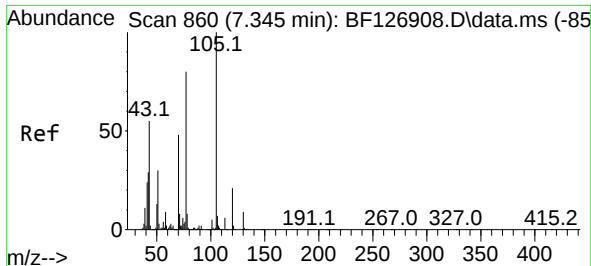
Tgt Ion: 99 Resp: 838038
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 39.4 24.3 36.5#



#10
Phenol
Concen: 2.432 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion: 94 Resp: 20543
Ion Ratio Lower Upper
94 100
65 27.9 7.2 47.2
66 42.1 14.5 54.5

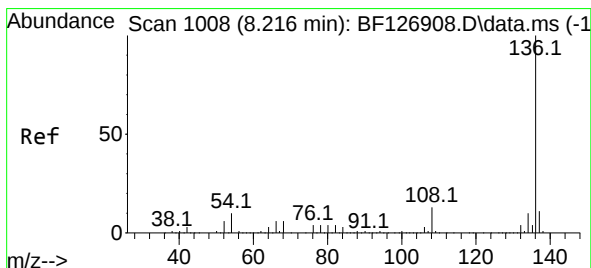
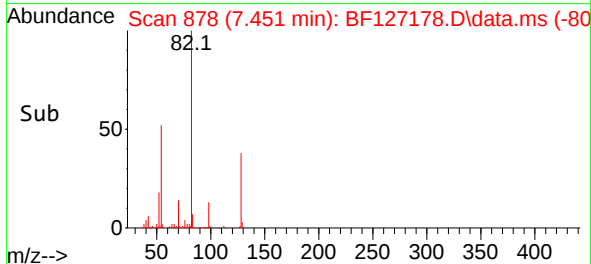
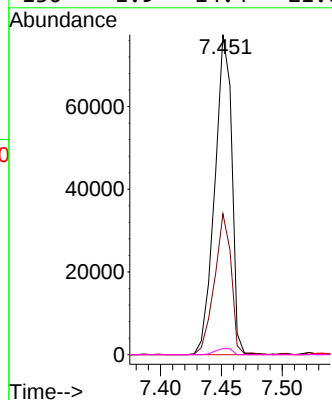
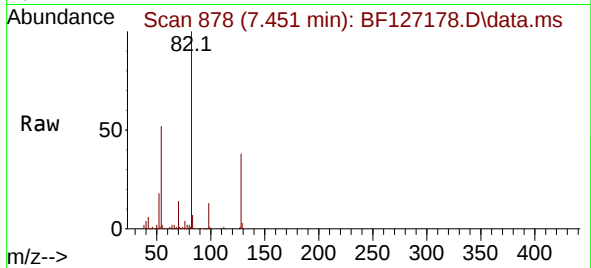




#19
n-Nitroso-di-n-propylamine
Concen: 14.011 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

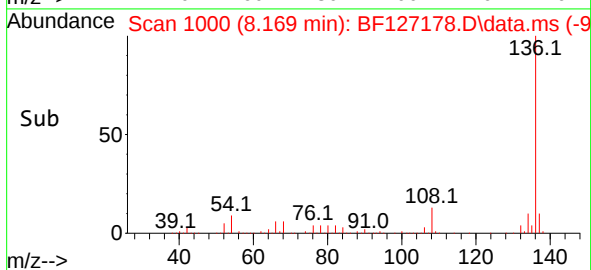
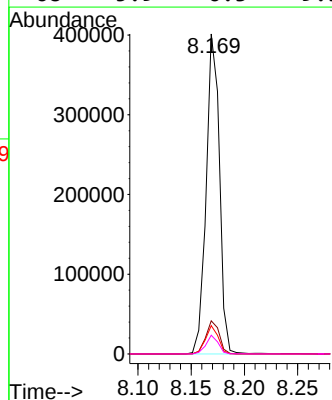
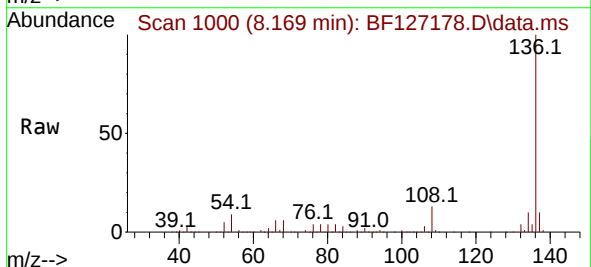
Instrument :
BNA_F
ClientSampleId :
DUM-5

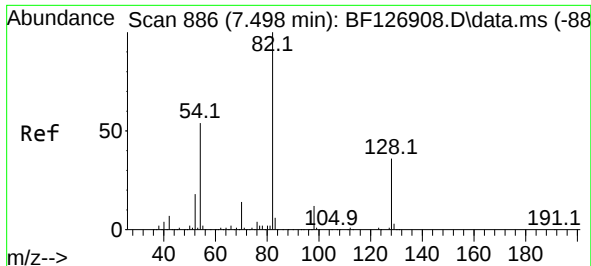
Tgt Ion: 70 Resp: 75473
Ion Ratio Lower Upper
70 100
42 44.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion: 136 Resp: 349765
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.9 7.8 11.6
68 5.9 6.3 9.5#

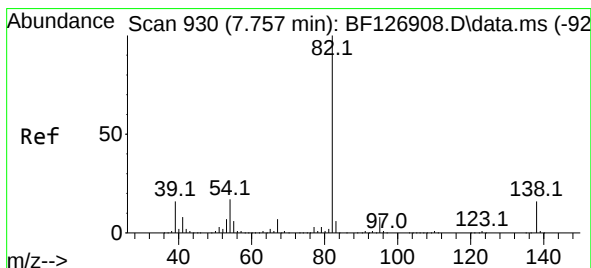
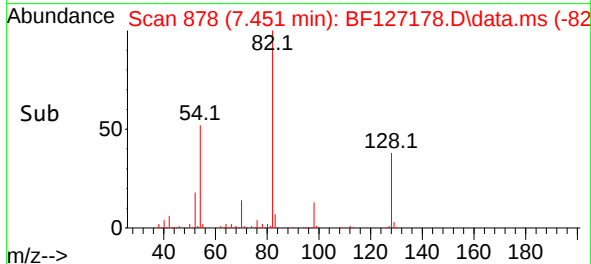
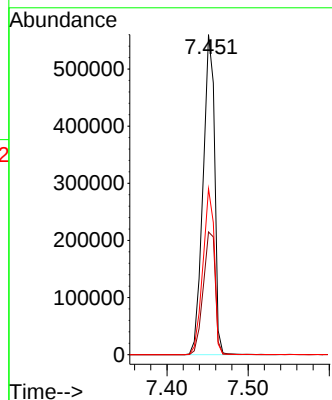
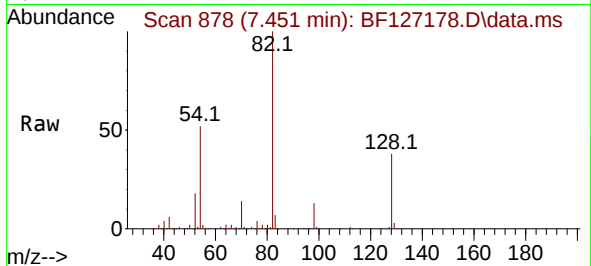




#23
Nitrobenzene-d5
Concen: 71.753 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

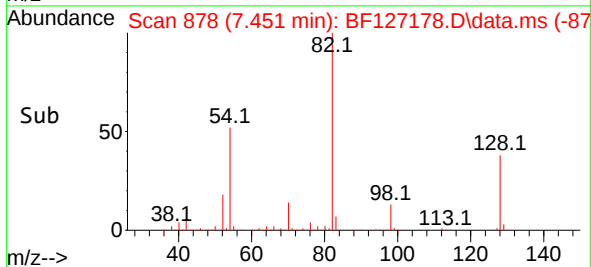
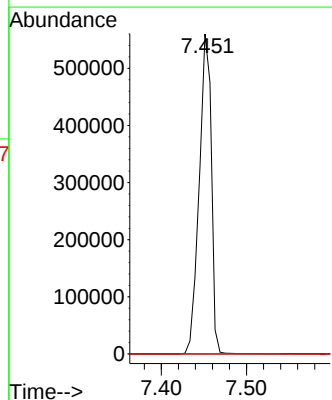
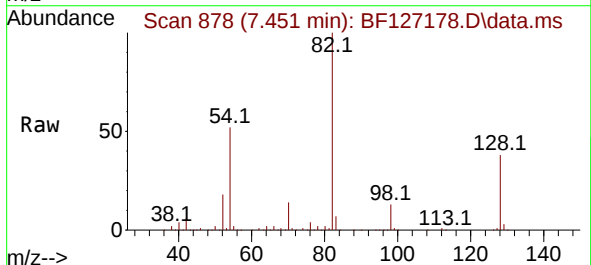
Instrument :
BNA_F
ClientSampleId :
DUM-5

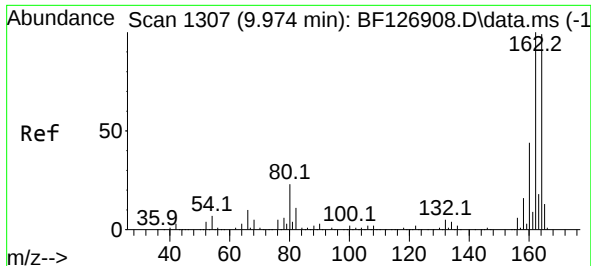
Tgt Ion: 82 Resp: 556005
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 51.9 41.7 62.5



#25
Isophorone
Concen: 43.361 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion: 82 Resp: 555997
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127178.D

Acq: 03 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

DUM-5

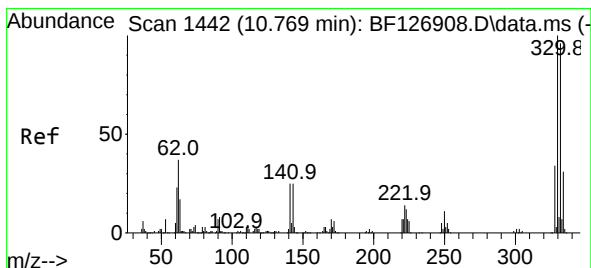
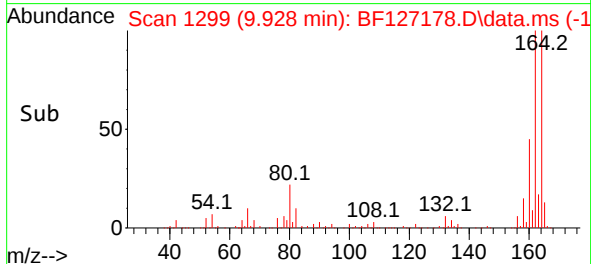
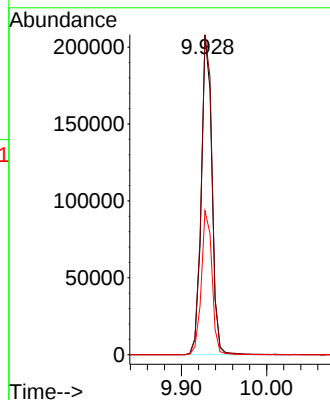
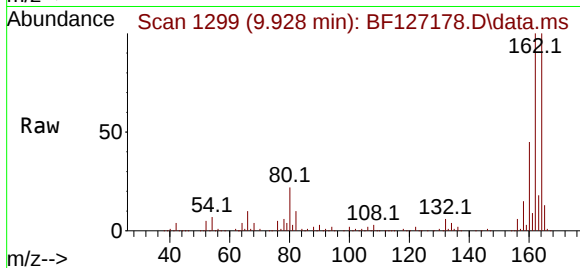
Tgt Ion:164 Resp: 179654

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

160 45.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 116.666 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF127178.D

Acq: 03 Mar 2022 18:34

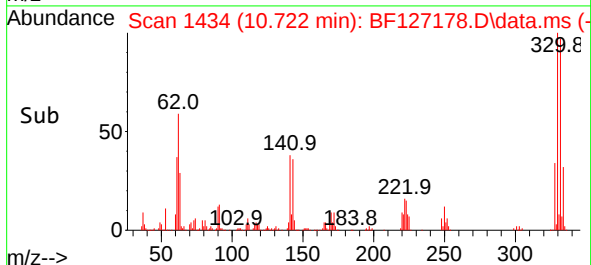
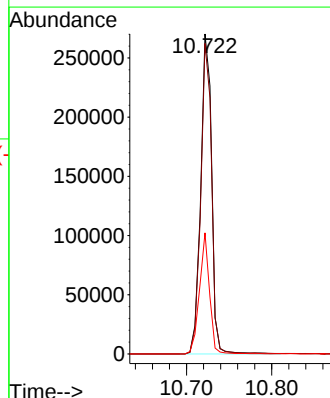
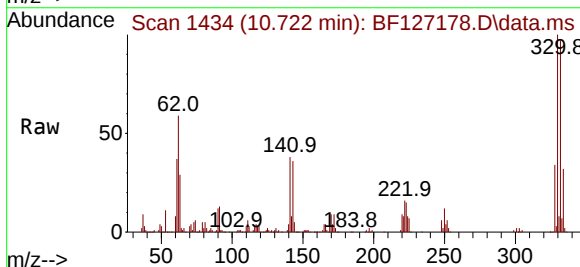
Tgt Ion:330 Resp: 241320

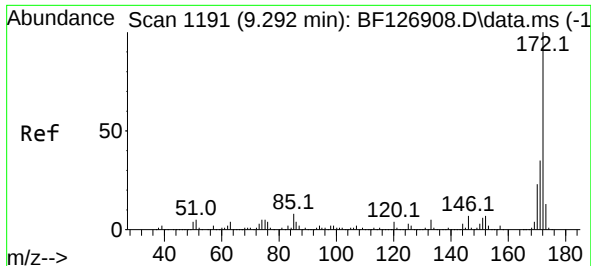
Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 34.8 30.1 45.1

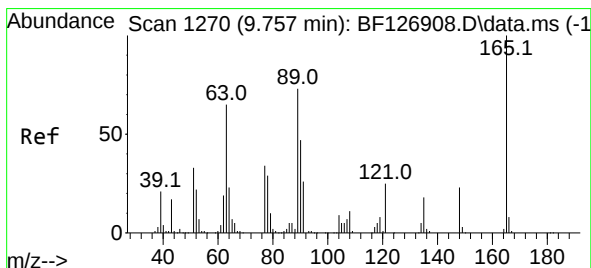
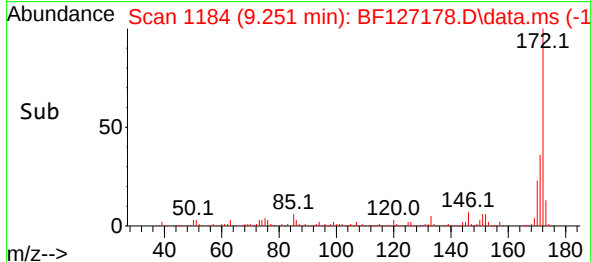
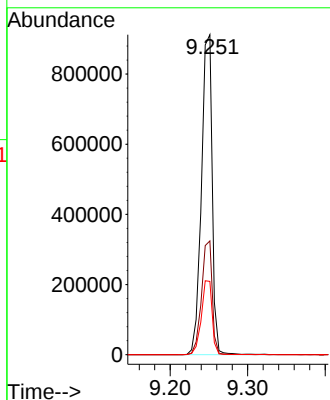
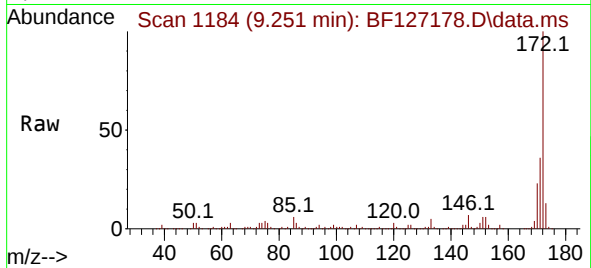




#45
2-Fluorobiphenyl
Concen: 72.284 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

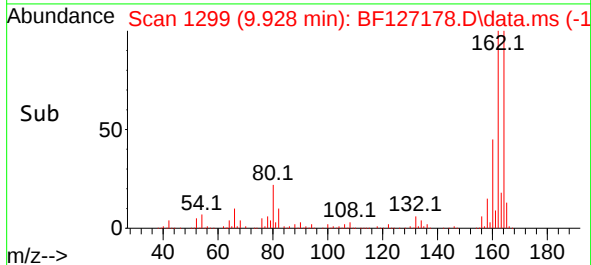
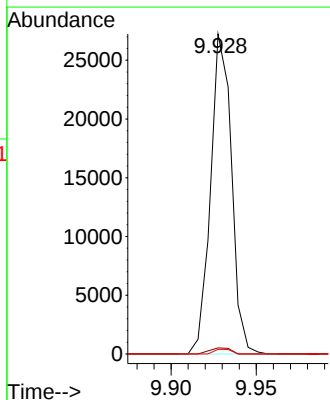
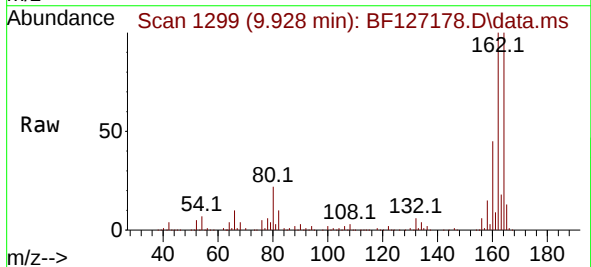
Instrument :
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ClientSampleId :
DUM-5

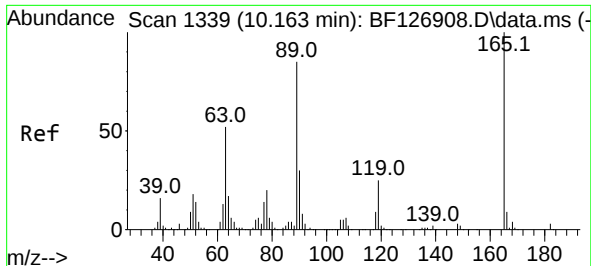
Tgt Ion:172 Resp: 882120
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 22.9 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.887 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion:165 Resp: 23218
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.5 50.5 75.7#

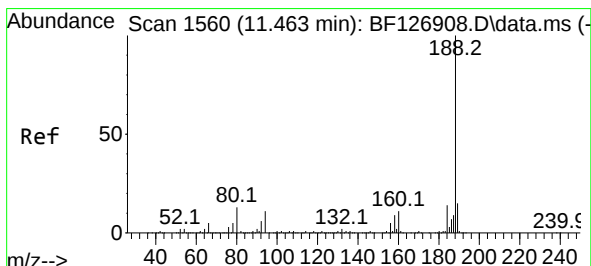
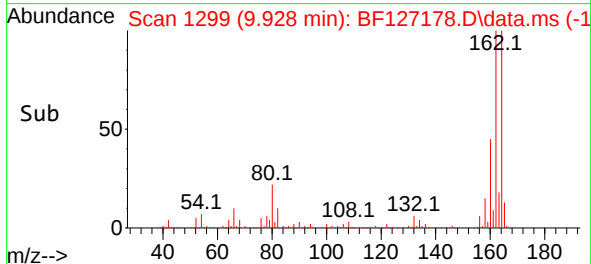
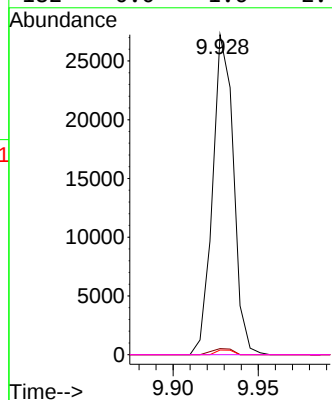
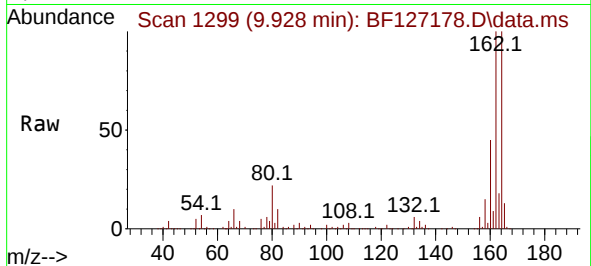




#57
2,4-Dinitrotoluene
Concen: 6.573 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

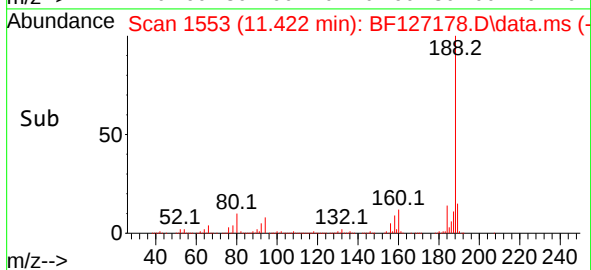
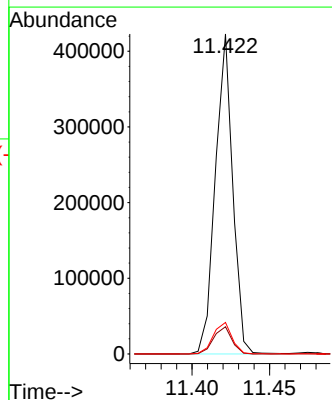
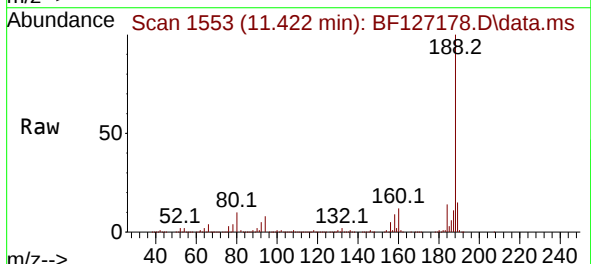
Instrument :
BNA_F
ClientSampleId :
DUM-5

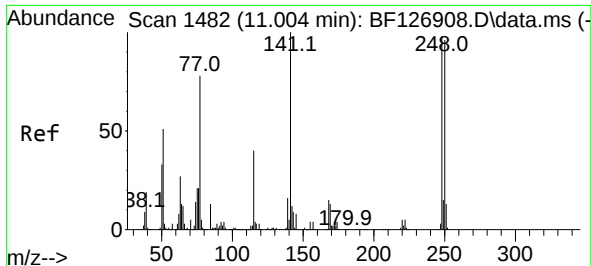
Tgt Ion:165	Resp:	23218
Ion Ratio	Lower	Upper
165	100	
63	1.9	43.0 64.6#
89	1.5	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion:188	Resp:	329441
Ion Ratio	Lower	Upper
188	100	
94	8.5	10.1 15.1#
80	9.9	11.8 17.6#

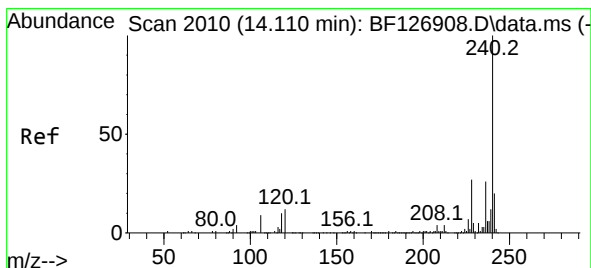
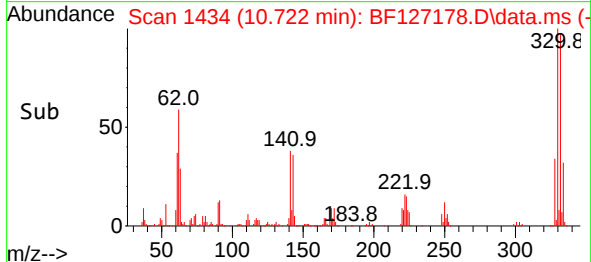
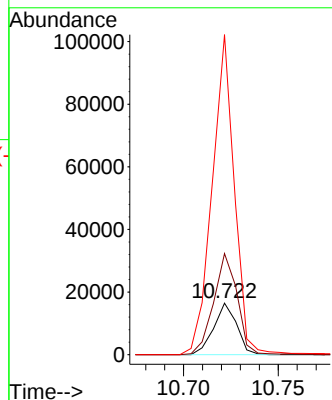
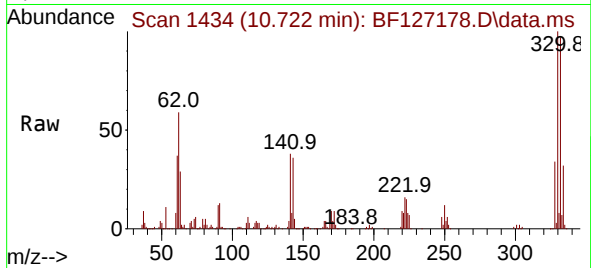




#67
4-Bromophenyl-phenylether
Concen: 3.775 ng
RT: 10.722 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

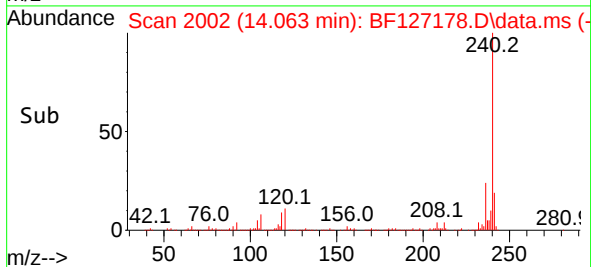
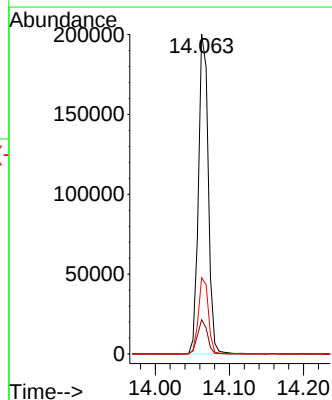
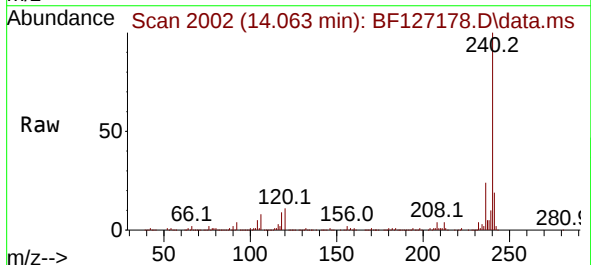
Instrument :
BNA_F
ClientSampleId :
DUM-5

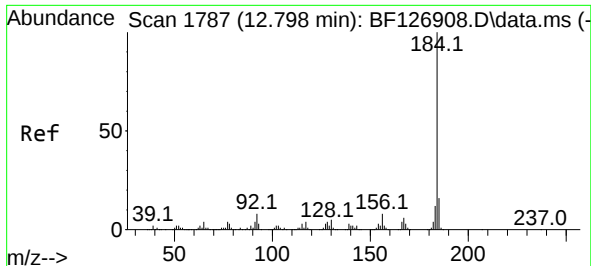
Tgt Ion:248 Resp: 13895
Ion Ratio Lower Upper
248 100
250 196.3 76.2 114.4#
141 621.1 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion:240 Resp: 183950
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 23.8 20.5 30.7

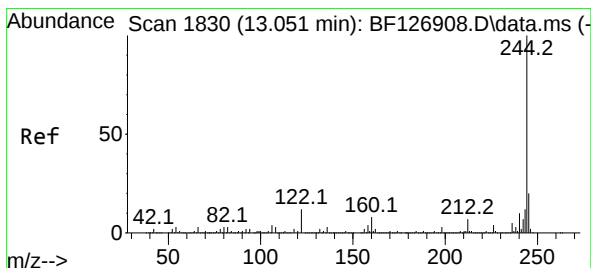
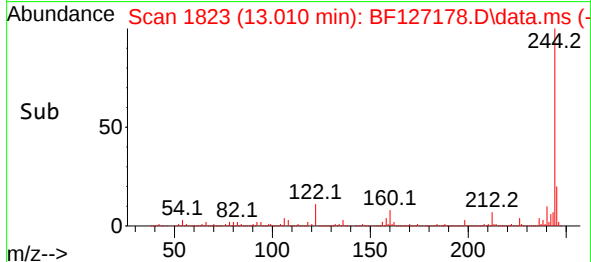
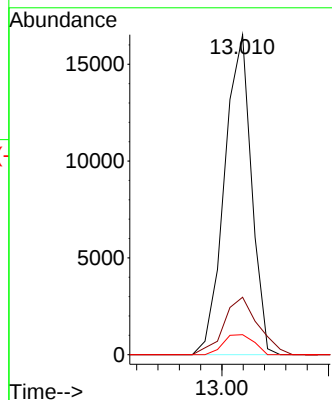
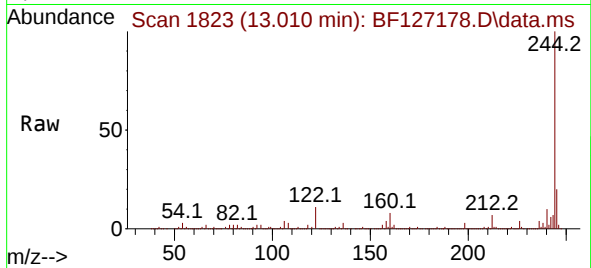




#77
Benzidine
Concen: 2.907 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

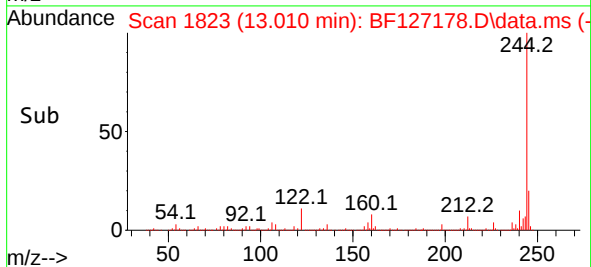
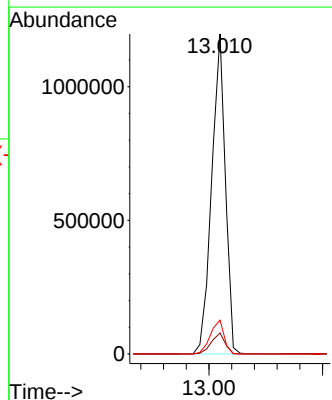
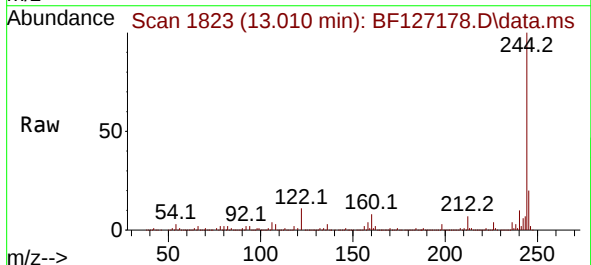
Instrument :
BNA_F
ClientSampleId :
DUM-5

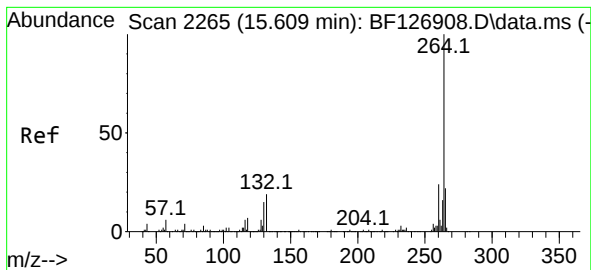
Tgt Ion:184 Resp: 14531
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.8#
183 6.2 8.2 12.2#



#79
Terphenyl-d14
Concen: 79.811 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Tgt Ion:244 Resp: 998701
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127178.D
Acq: 03 Mar 2022 18:34

Instrument :
BNA_F
ClientSampleId :
DUM-5

Tgt Ion:264 Resp: 158199
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.2 17.4 26.2

