

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126695.D
 Acq On : 26 Jan 2022 19:11
 Operator : CG/JU
 Sample : N1267-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ART-ROOM-FLOORS

Quant Time: Jan 27 03:14:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

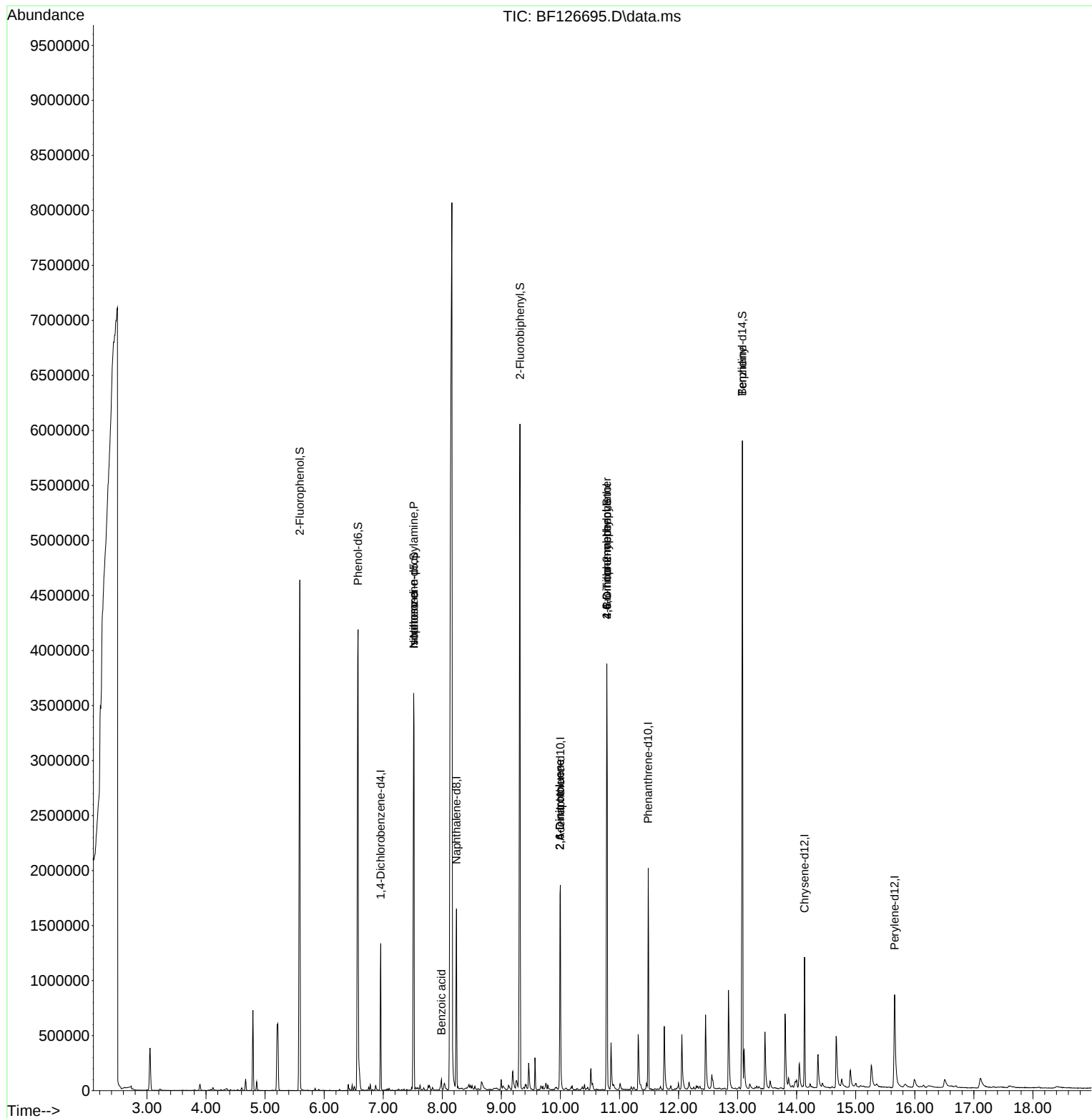
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	166765	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	664302	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	359470	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	610346	20.000	ng	0.00
76) Chrysene-d12	14.133	240	351953	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	318063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1285697	101.451	ng	0.02
7) Phenol-d6	6.575	99	1883037	106.944	ng	0.00
23) Nitrobenzene-d5	7.516	82	1540147	90.746	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	450137	133.807	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1867832	79.578	ng	0.00
79) Terphenyl-d14	13.080	244	2068005	98.553	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	913	Below Cal	#	88
19) n-Nitroso-di-n-propyla...	7.516	70	206781	16.091	ng	# 69
25) Isophorone	7.516	82	1535168	46.641	ng	# 69
32) Benzoic acid	7.987	122	14841	2.412	ng	# 83
51) 2,6-Dinitrotoluene	9.992	165	45928	10.425	ng	# 22
57) 2,4-Dinitrotoluene	9.992	165	45928	8.603	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.786	198	936	7.643	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	28165	4.004	ng	# 1
77) Benzidine	13.080	184	25861	2.130	ng	94

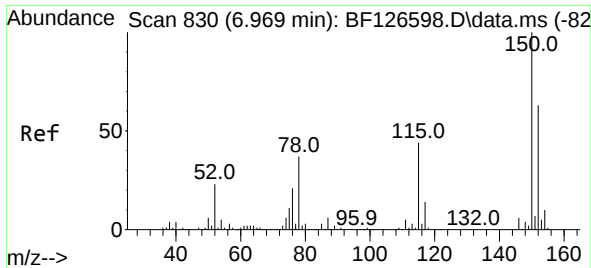
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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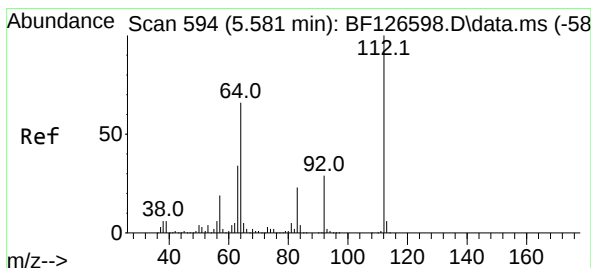
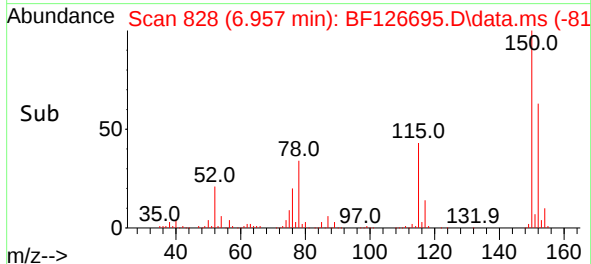
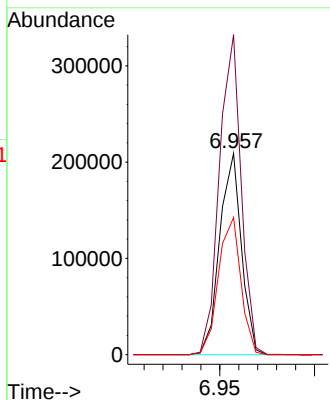
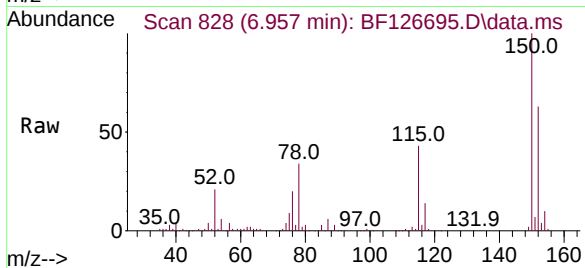




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

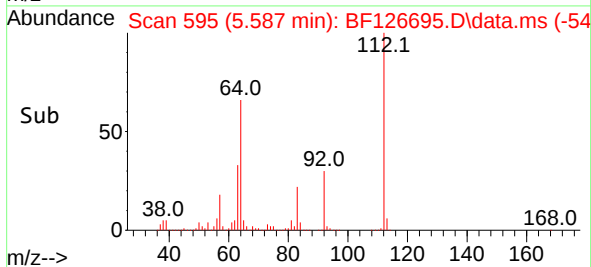
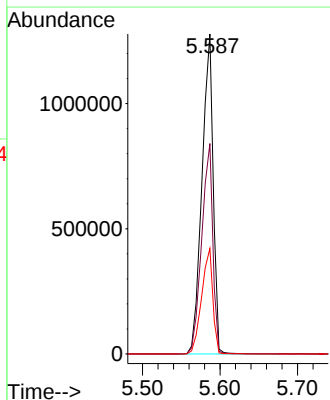
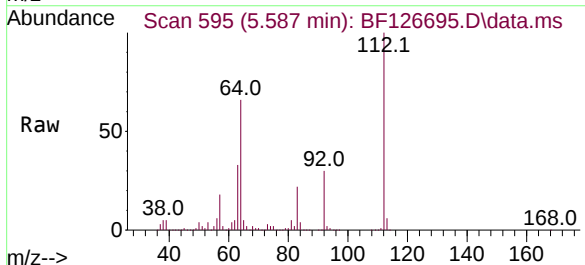
Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

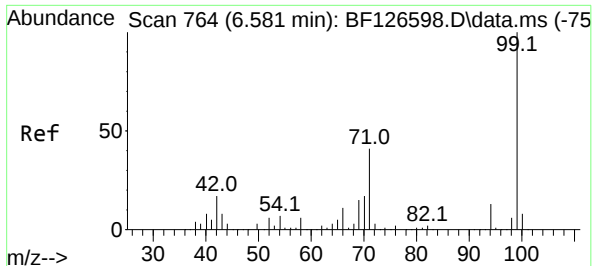
Tgt Ion:152 Resp: 166765
Ion Ratio Lower Upper
152 100
150 158.9 128.1 192.1
115 68.1 56.7 85.1



#5
2-Fluorophenol
Concen: 101.451 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion:112 Resp: 1285697
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 32.9 23.9 35.9

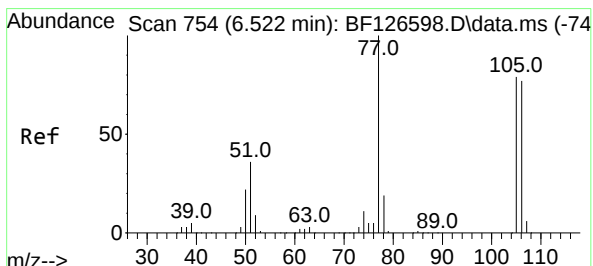
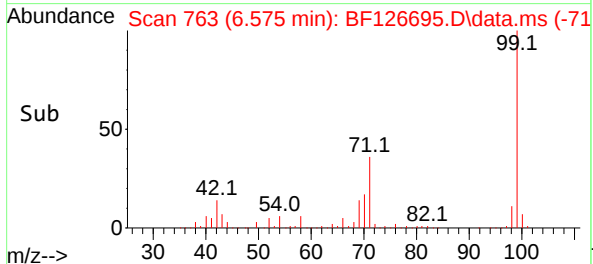
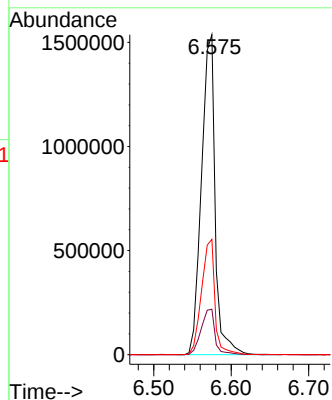
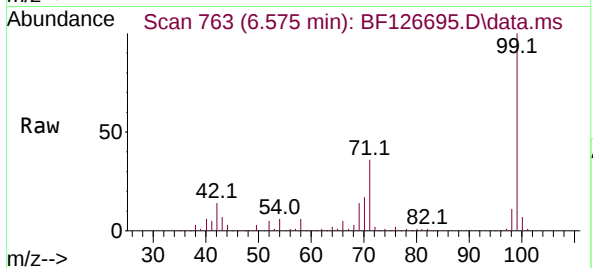




#7
Phenol-d6
Concen: 106.944 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

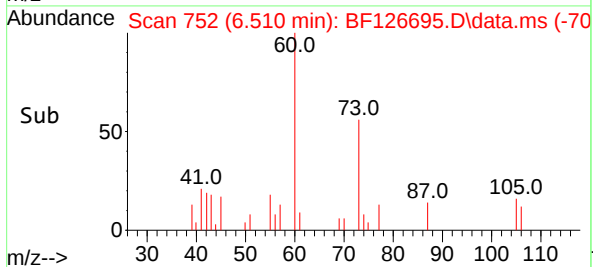
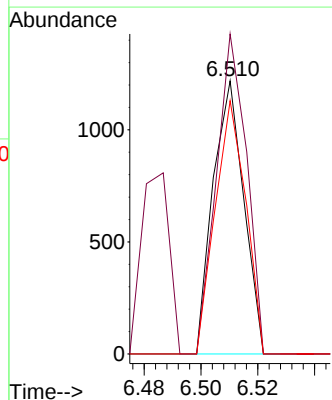
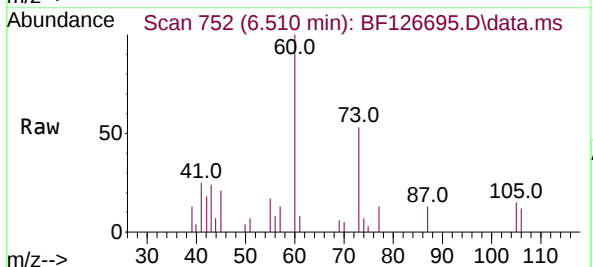
Instrument :
BNA_F
ClientSampleId :
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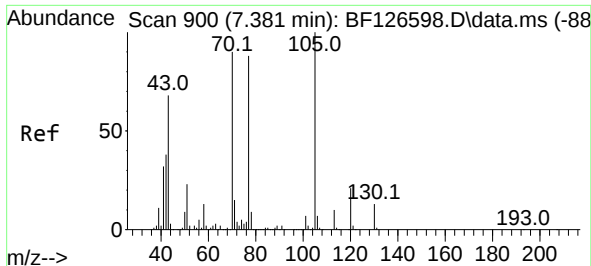
Tgt Ion: 99 Resp: 1883037
Ion Ratio Lower Upper
99 100
42 14.2 14.2 21.4#
71 36.0 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion: 77 Resp: 913
Ion Ratio Lower Upper
77 100
105 117.1 74.9 114.9#
106 92.7 72.4 112.4

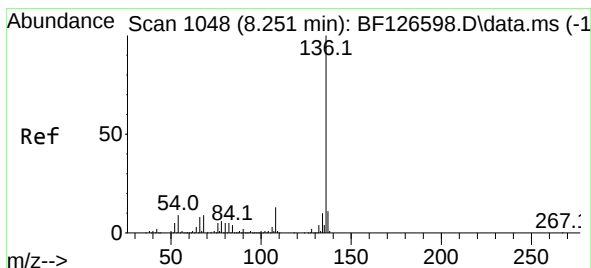
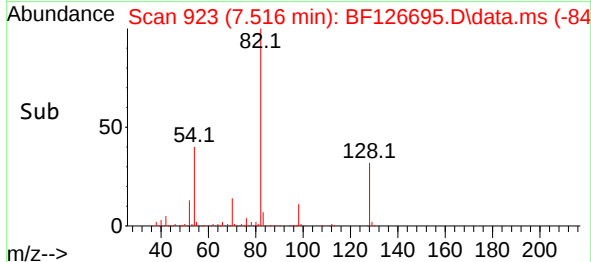
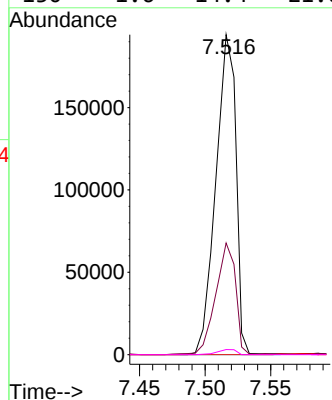
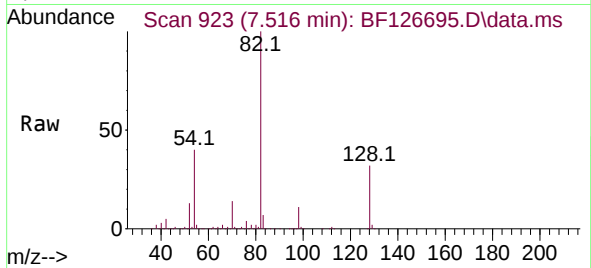




#19
n-Nitroso-di-n-propylamine
Concen: 16.091 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

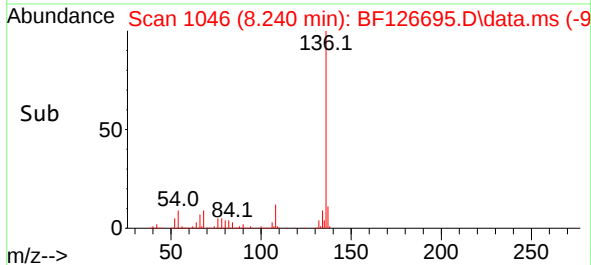
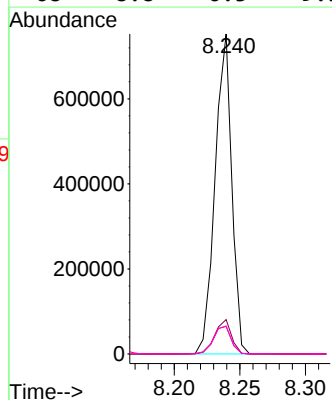
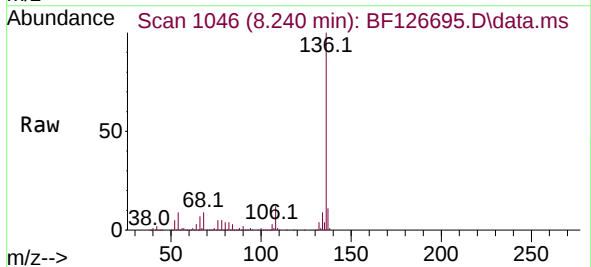
Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

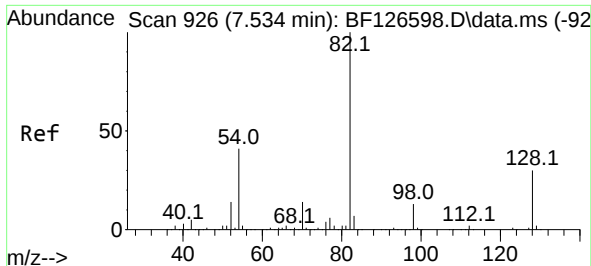
Tgt Ion: 70 Resp: 206781
Ion Ratio Lower Upper
70 100
42 34.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion: 136 Resp: 664302
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.8 11.6
68 8.8 6.3 9.5

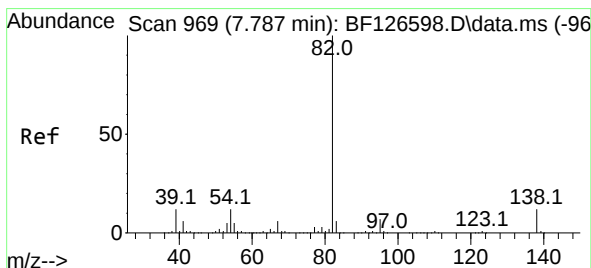
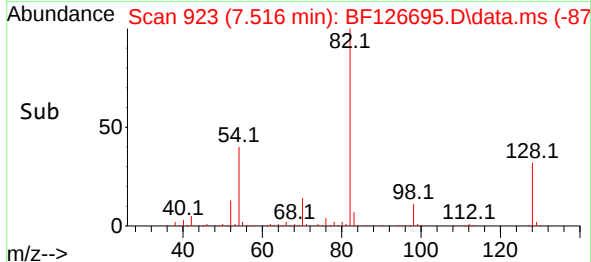
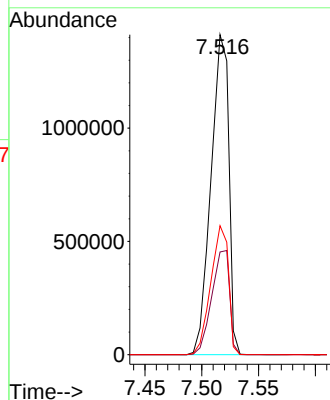
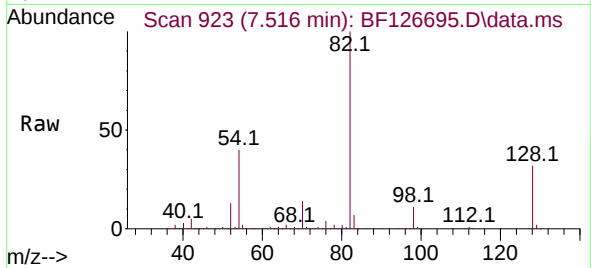




#23
Nitrobenzene-d5
Concen: 90.746 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

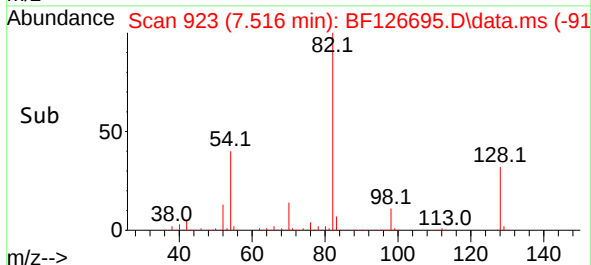
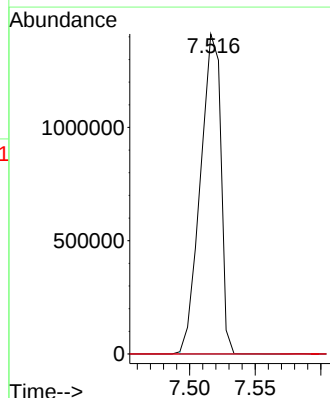
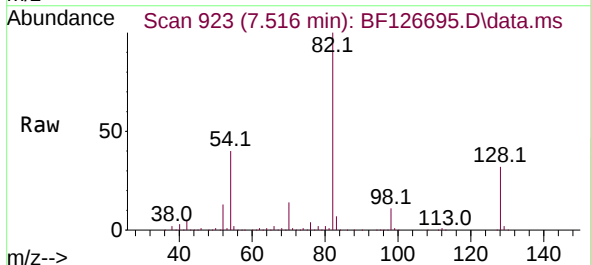
Instrument :
BNA_F
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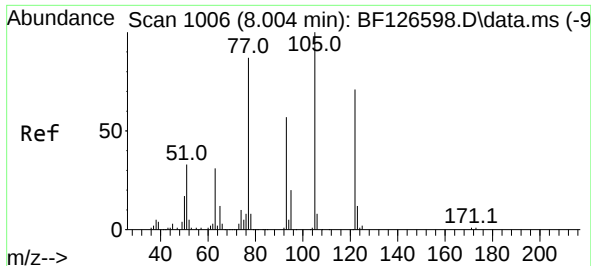
Tgt Ion: 82 Resp: 1540147
Ion Ratio Lower Upper
82 100
128 32.1 32.7 49.1#
54 40.3 41.7 62.5#



#25
Isophorone
Concen: 46.641 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion: 82 Resp: 1535168
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

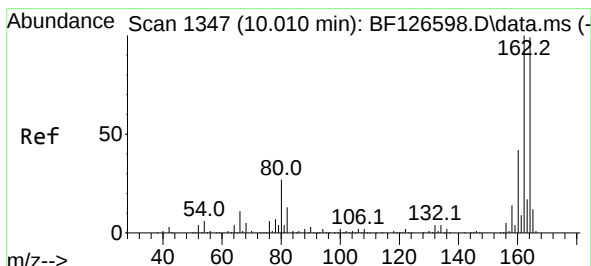
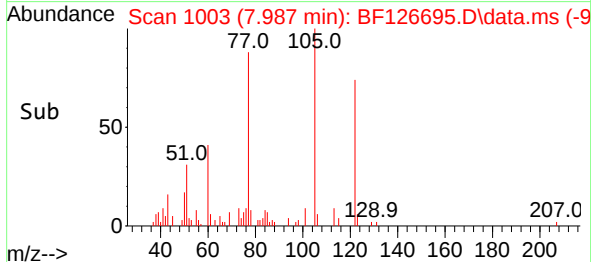
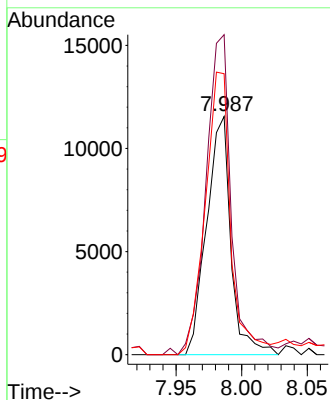
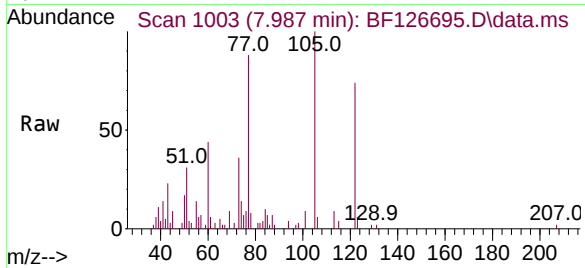




#32
Benzoic acid
Concen: 2.412 ng
RT: 7.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

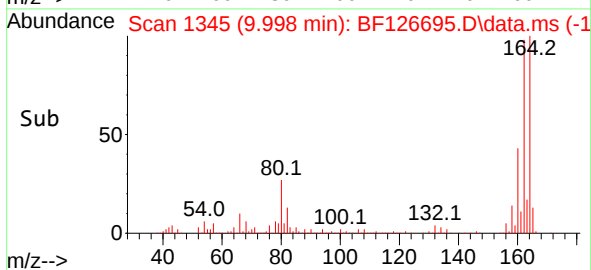
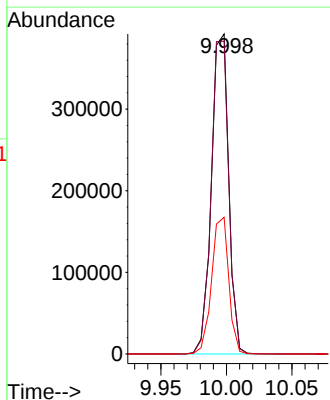
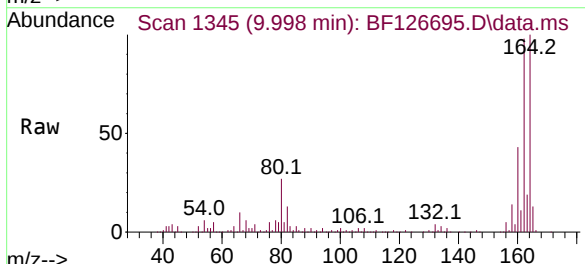
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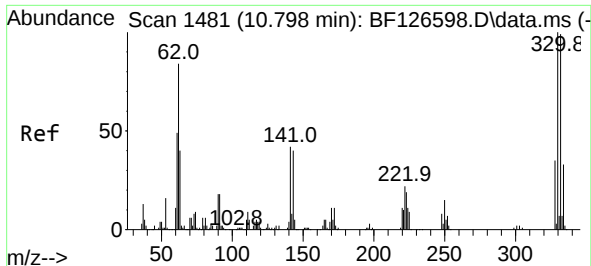
Tgt Ion:122 Resp: 14841
Ion Ratio Lower Upper
122 100
105 134.3 101.0 141.0
77 117.9 74.5 114.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion:164 Resp: 359470
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 42.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 133.807 ng

RT: 10.786 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126695.D

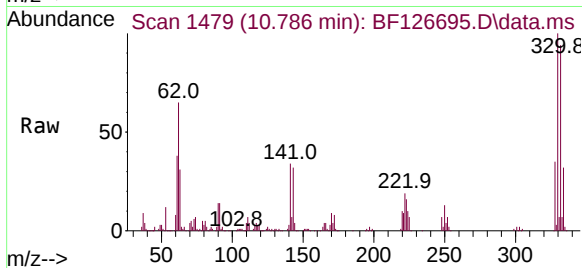
Acq: 26 Jan 2022 19:11

Instrument :

BNA_F

ClientSampleId :

ART-ROOM-FLOORS



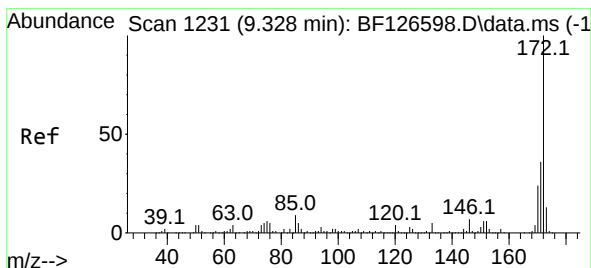
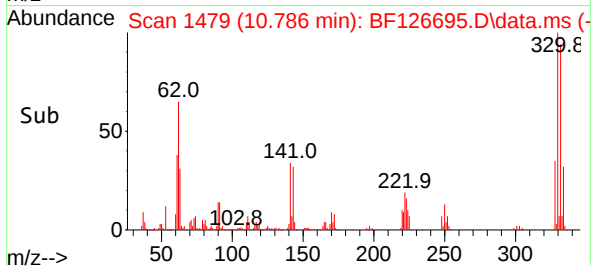
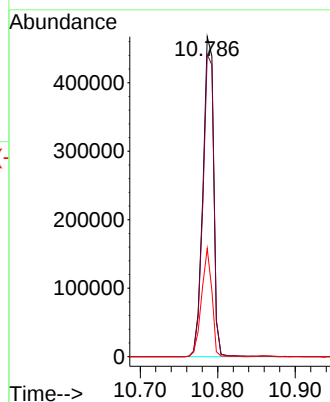
Tgt Ion:330 Resp: 450137

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 32.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 79.578 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126695.D

Acq: 26 Jan 2022 19:11

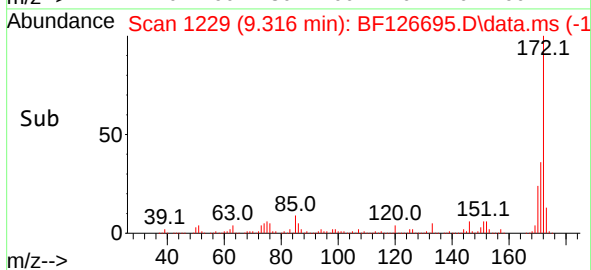
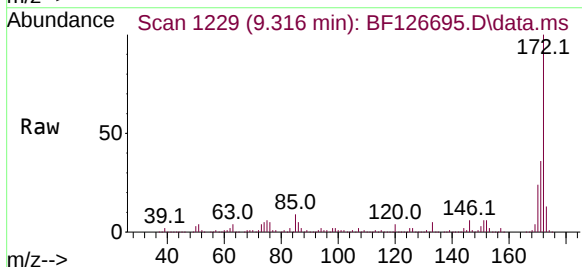
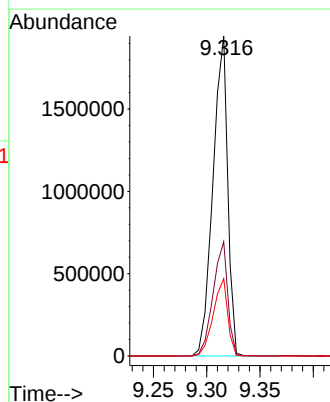
Tgt Ion:172 Resp: 1867832

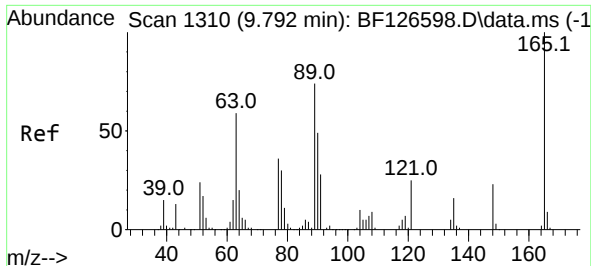
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 24.1 19.0 28.6

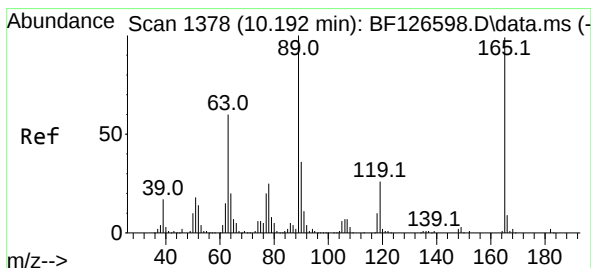
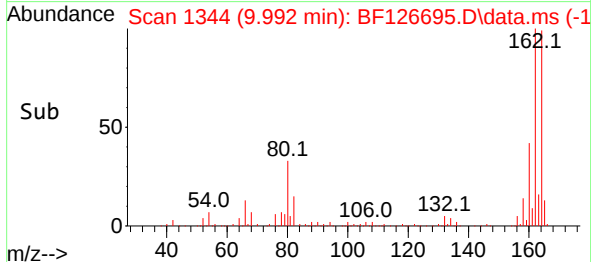
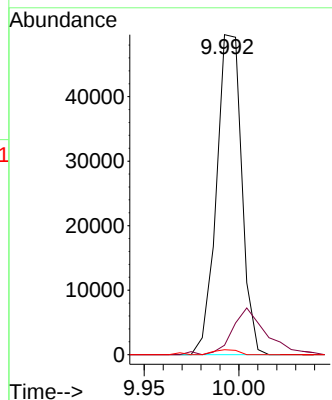
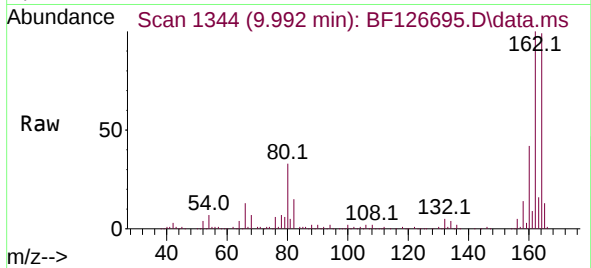




#51
2,6-Dinitrotoluene
Concen: 10.425 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

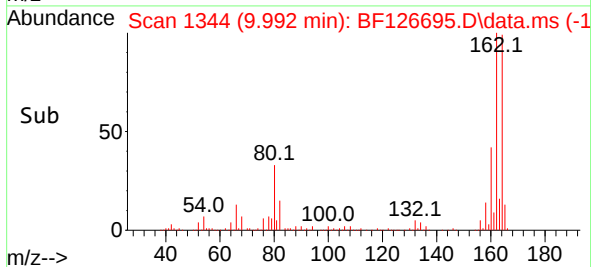
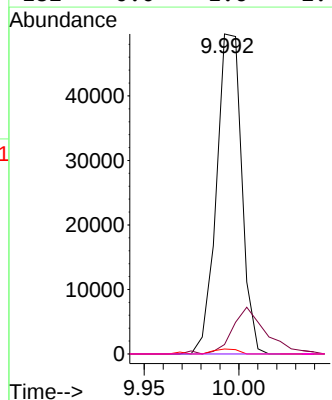
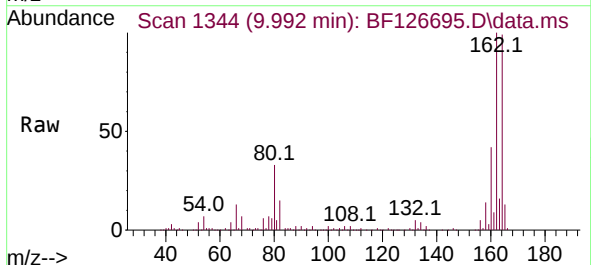
Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

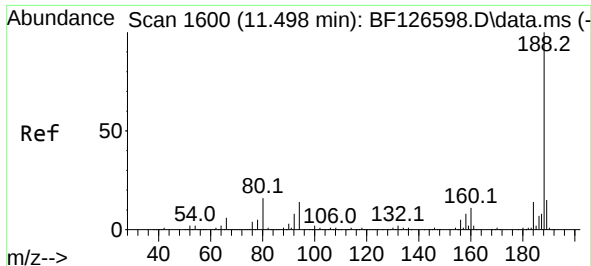
Tgt Ion:165 Resp: 45928
Ion Ratio Lower Upper
165 100
63 3.0 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 8.603 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.194 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion:165 Resp: 45928
Ion Ratio Lower Upper
165 100
63 3.0 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#

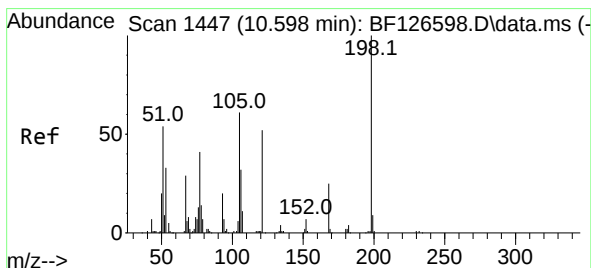
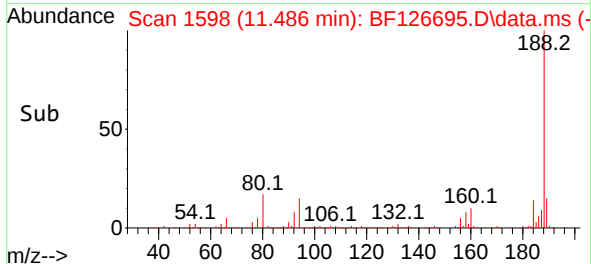
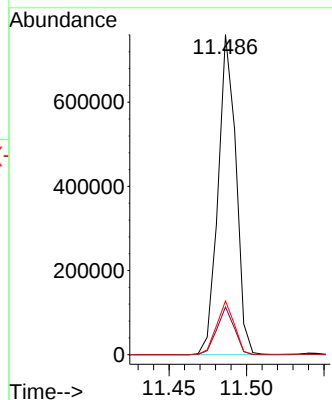
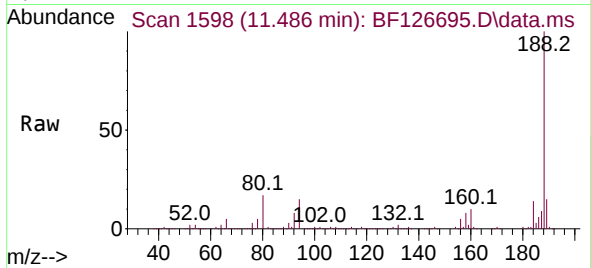




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

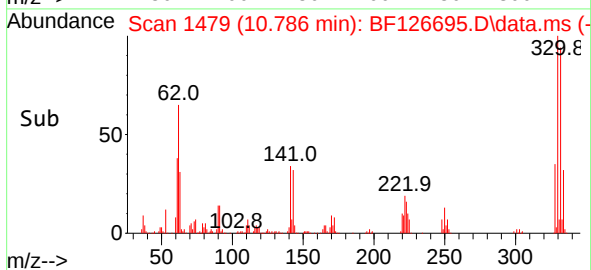
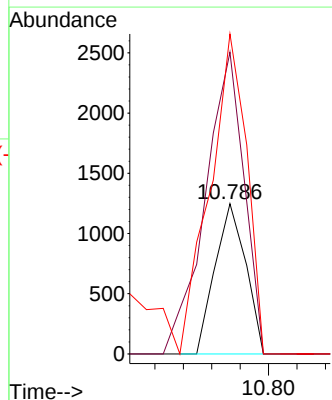
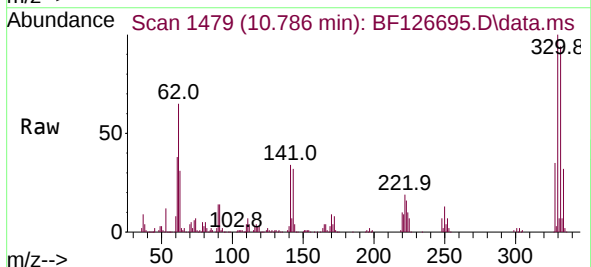
Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

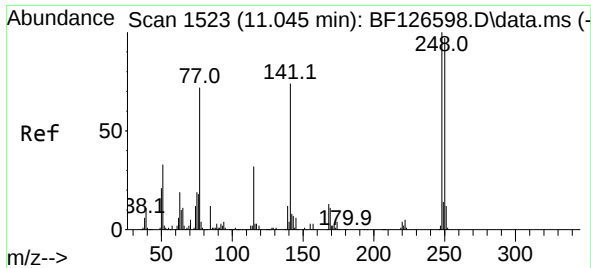
Tgt Ion:188 Resp: 610346
Ion Ratio Lower Upper
188 100
94 14.9 10.1 15.1
80 16.8 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.643 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.194 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion:198 Resp: 936
Ion Ratio Lower Upper
198 100
51 200.7 32.0 72.0#
105 212.9 32.7 72.7#

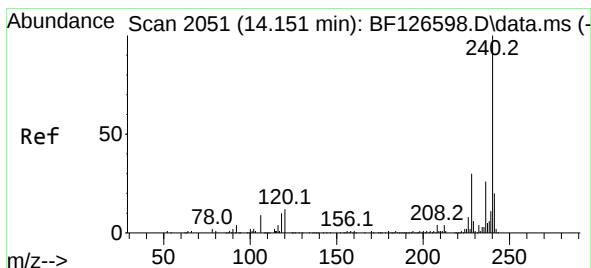
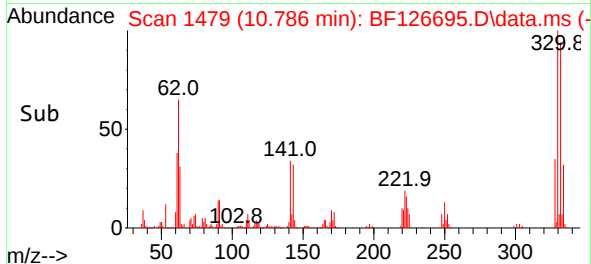
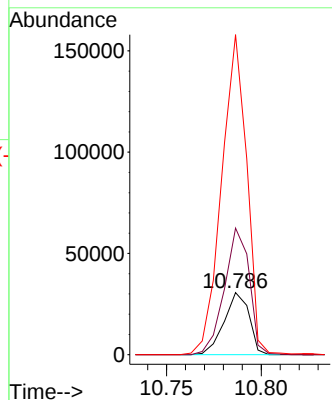
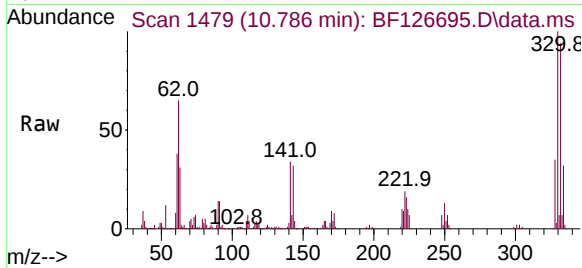




#67
4-Bromophenyl-phenylether
Concen: 4.004 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

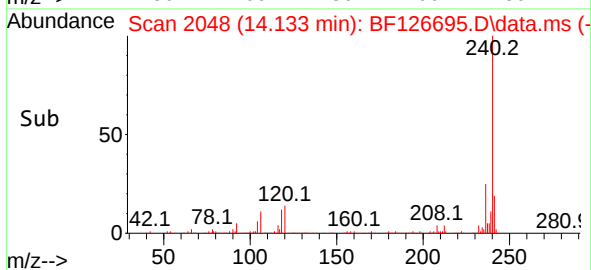
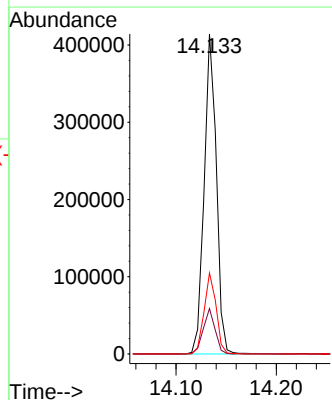
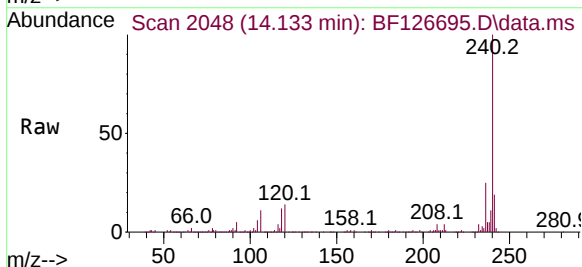
Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

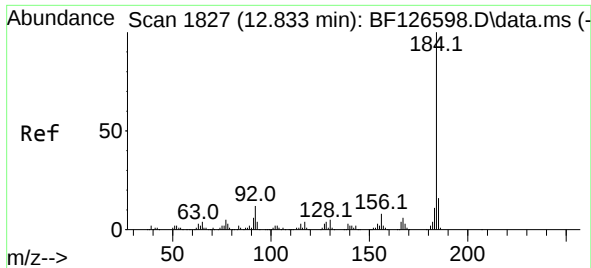
Tgt Ion:248 Resp: 28165
Ion Ratio Lower Upper
248 100
250 203.8 76.2 114.4#
141 515.2 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion:240 Resp: 351953
Ion Ratio Lower Upper
240 100
120 14.2 14.4 21.6#
236 25.3 20.5 30.7

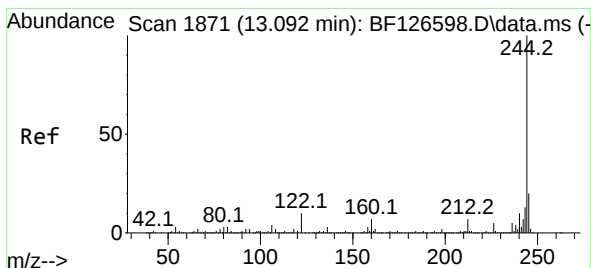
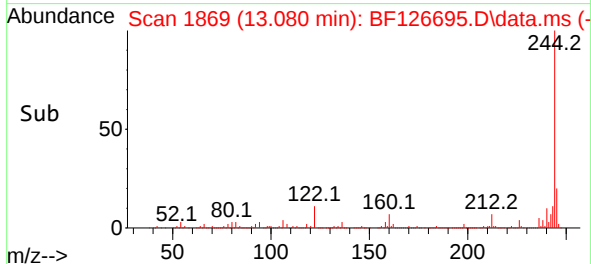
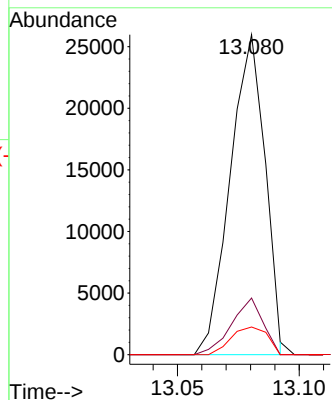
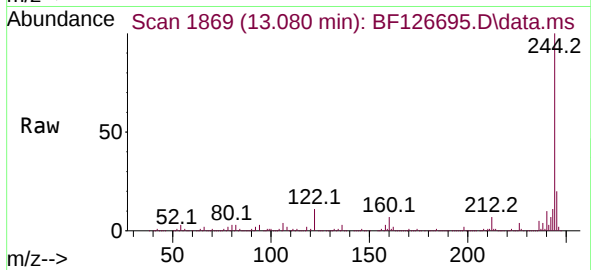




#77
Benzidine
Concen: 2.130 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

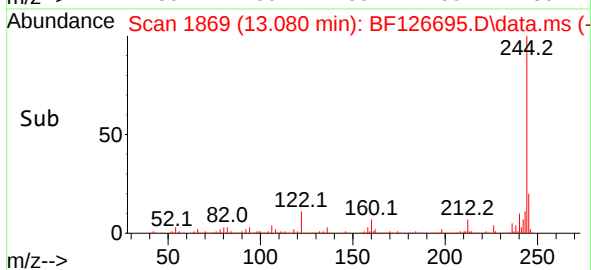
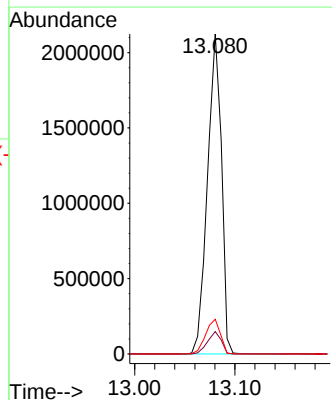
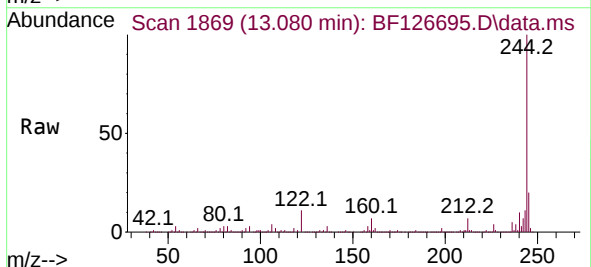
Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

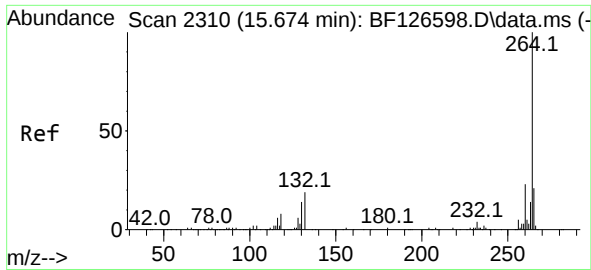
Tgt Ion:184 Resp: 25861
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.8
183 8.7 8.2 12.2



#79
Terphenyl-d14
Concen: 98.553 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Tgt Ion:244 Resp: 2068005
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 10.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126695.D
Acq: 26 Jan 2022 19:11

Instrument :
BNA_F
ClientSampleId :
ART-ROOM-FLOORS

Tgt Ion:264 Resp: 318063

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.4	26.2

