

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126698.D
 Acq On : 26 Jan 2022 20:31
 Operator : CG/JU
 Sample : N1267-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2ND-3RD-FLOOR-WALLS-1

Quant Time: Jan 27 03:14:59 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)

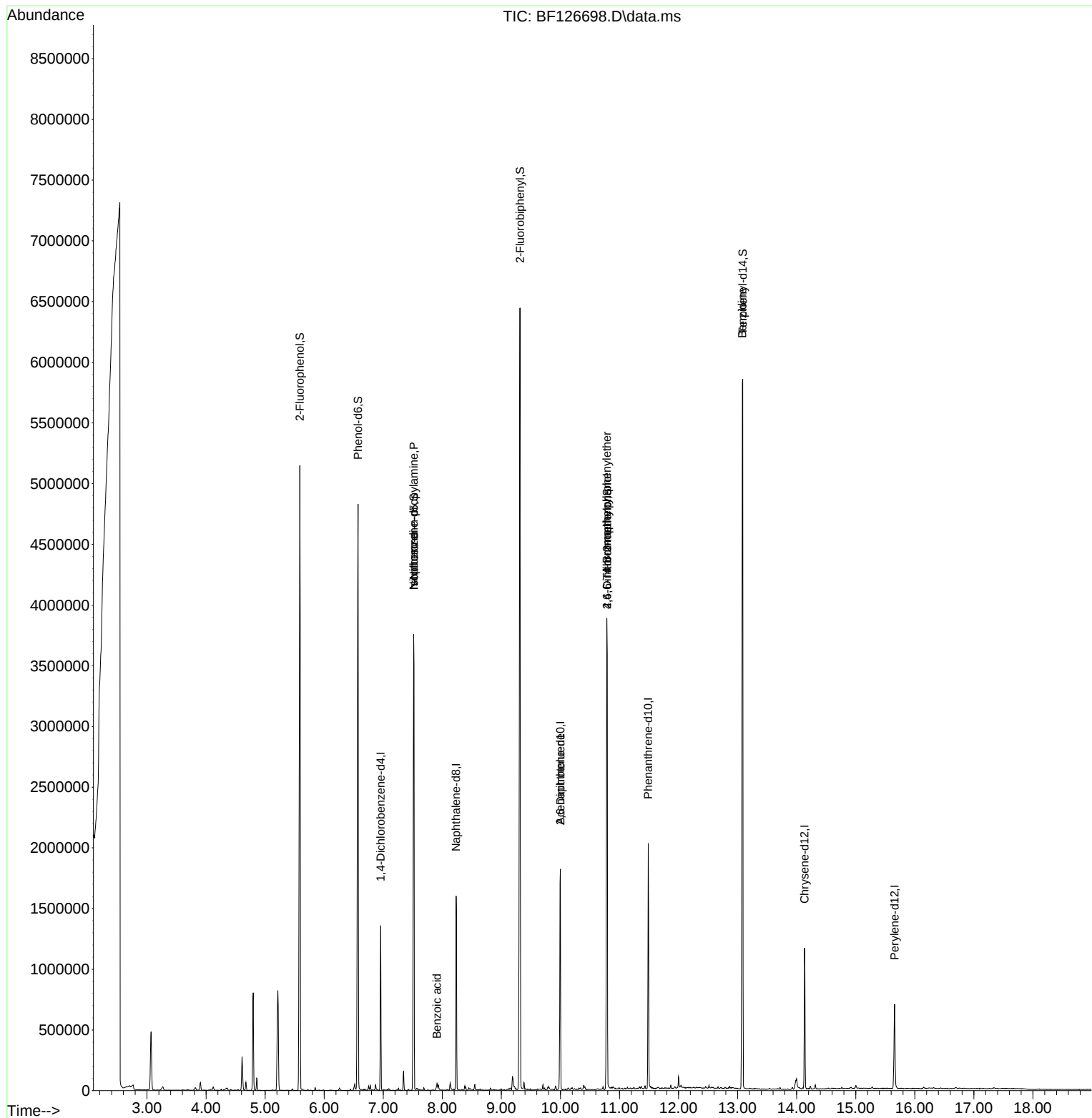
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	171911	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	669701	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	365371	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	645624	20.000	ng	0.00
76) Chrysene-d12	14.133	240	376078	20.000	ng	#-0.01
86) Perylene-d12	15.656	264	289461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1569330	120.125	ng	0.02
7) Phenol-d6	6.575	99	1911616	105.317	ng	0.00
23) Nitrobenzene-d5	7.516	82	1646821	96.249	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	507782	148.504	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2026044	84.924	ng	0.00
79) Terphenyl-d14	13.086	244	2336401	104.201	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	597	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.516	70	220367	16.635	ng	# 69
25) Isophorone	7.516	82	1646799	49.630	ng	# 69
32) Benzoic acid	7.910	122	15600	2.515	ng	# 73
51) 2,6-Dinitrotoluene	9.998	165	47190	10.538	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.792	198	1148	7.687	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	33474	4.499	ng	# 1
77) Benzidine	13.080	184	29141	2.246	ng	# 97

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

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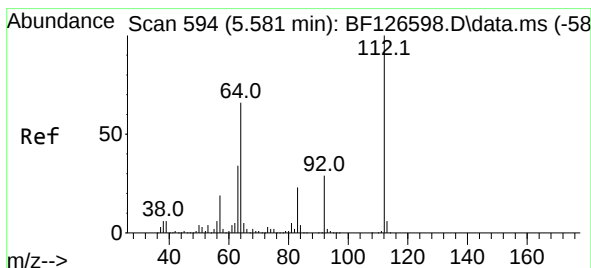
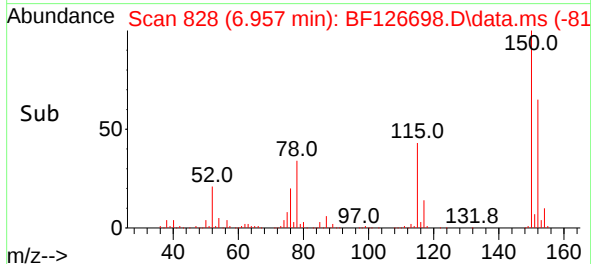
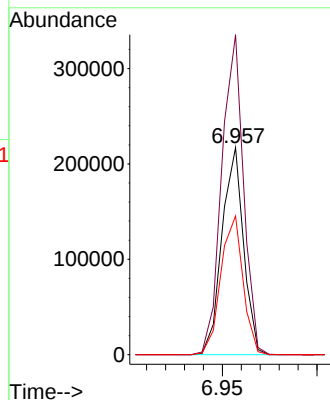
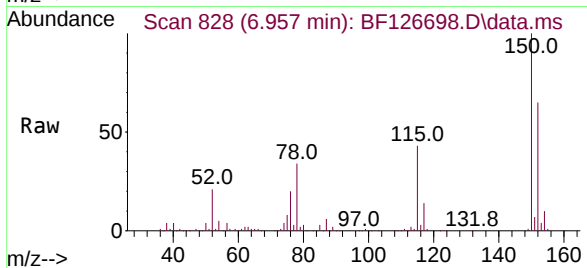




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

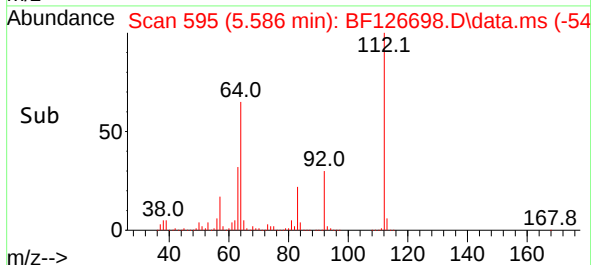
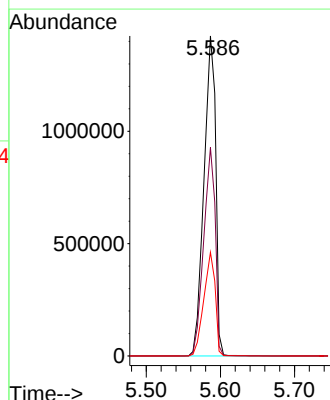
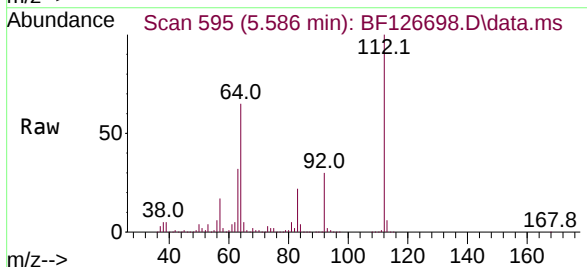
Instrument :
BNA_F
ClientSampleId :
2ND-3RD-FLOOR-WALLS-1

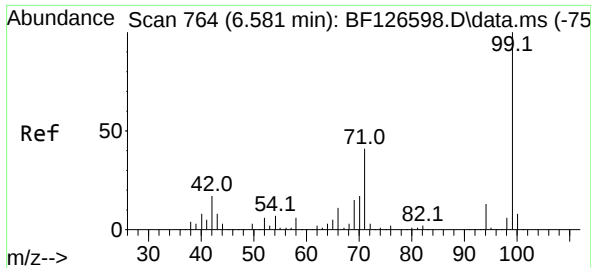
Tgt Ion:152 Resp: 171911
Ion Ratio Lower Upper
152 100
150 154.4 128.1 192.1
115 66.9 56.7 85.1



#5
2-Fluorophenol
Concen: 120.125 ng
RT: 5.586 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Tgt Ion:112 Resp: 1569330
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 32.4 23.9 35.9

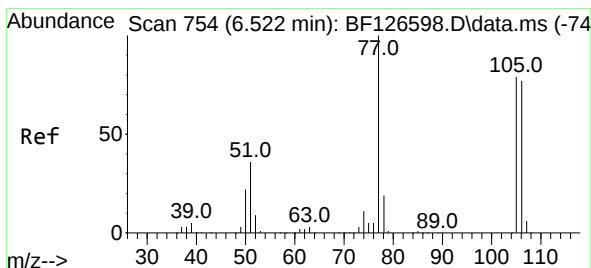
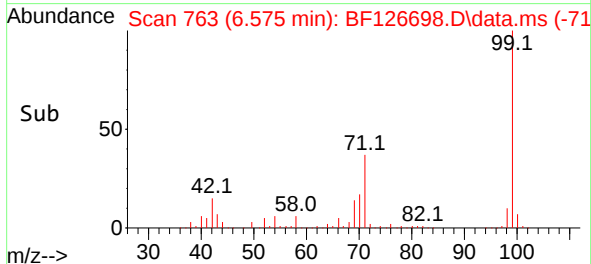
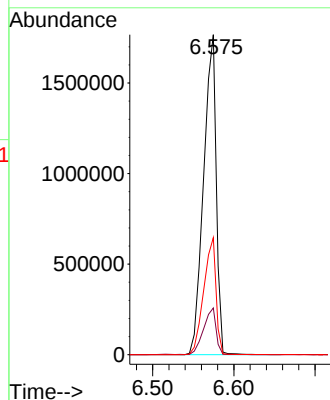
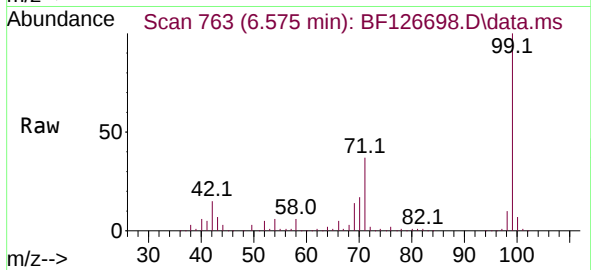




#7
Phenol-d6
Concen: 105.317 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

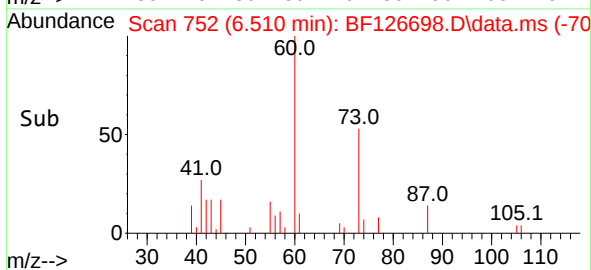
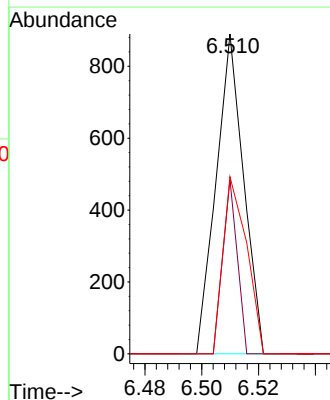
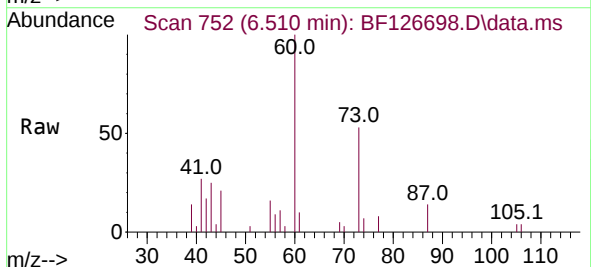
Instrument :
BNA_F
ClientSampleId :
2ND-3RD-FLOOR-WALLS-1

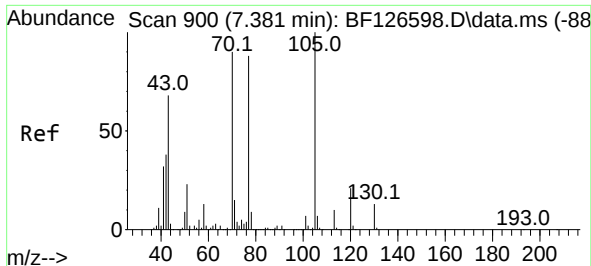
Tgt Ion: 99 Resp: 1911616
Ion Ratio Lower Upper
99 100
42 14.6 14.2 21.4
71 36.5 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

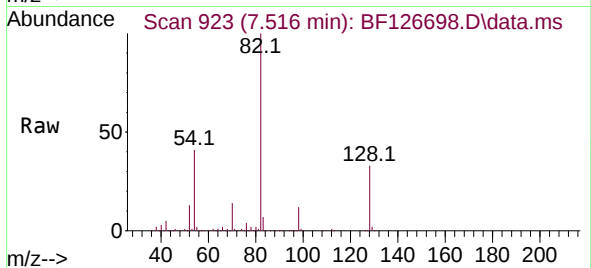
Tgt Ion: 77 Resp: 597
Ion Ratio Lower Upper
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105 54.6 74.9 114.9#
106 55.4 72.4 112.4#



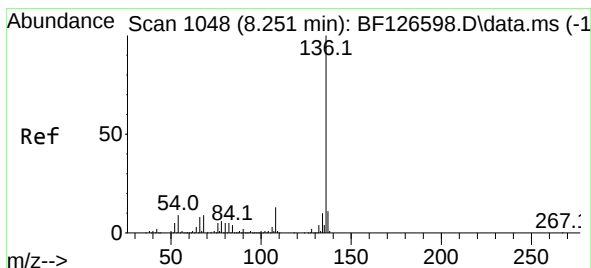
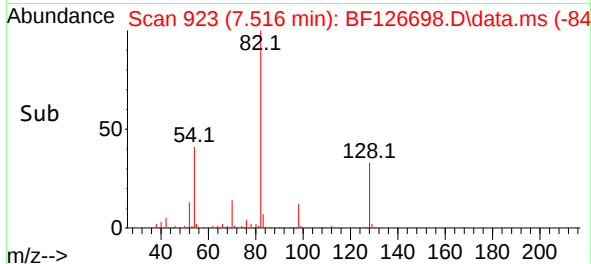
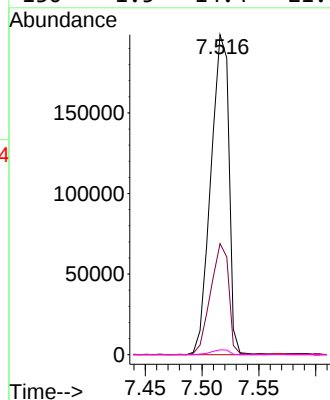


#19
n-Nitroso-di-n-propylamine
Concen: 16.635 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Instrument :
BNA_F
ClientSampleId :
2ND-3RD-FLOOR-WALLS-1

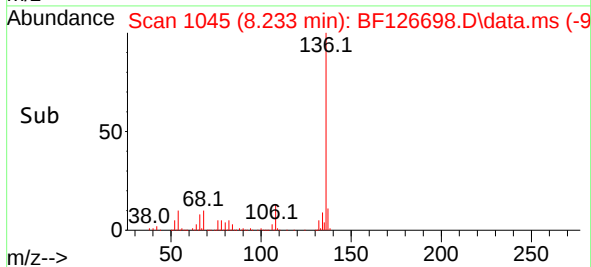
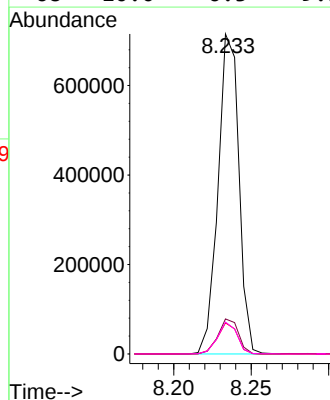
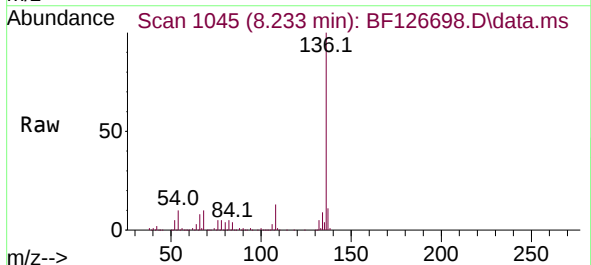


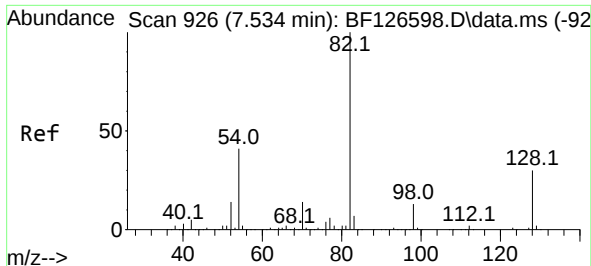
Tgt Ion: 70 Resp: 220367
Ion Ratio Lower Upper
70 100
42 34.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Tgt Ion: 136 Resp: 669701
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.7 7.8 11.6
68 10.0 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 96.249 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126698.D

Acq: 26 Jan 2022 20:31

Instrument :

BNA_F

ClientSampleId :

2ND-3RD-FLOOR-WALLS-1

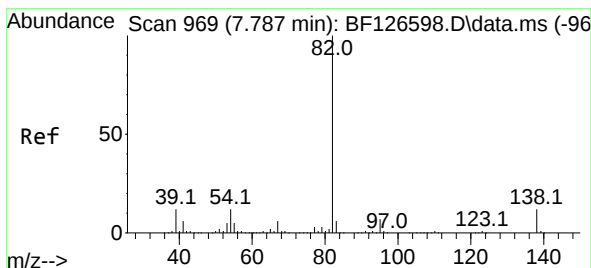
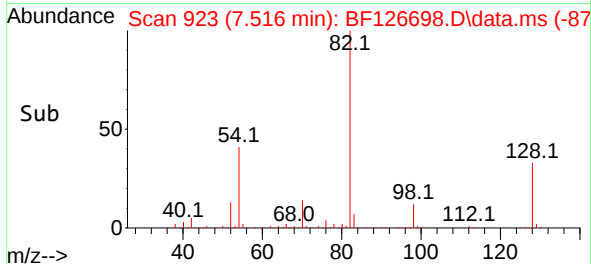
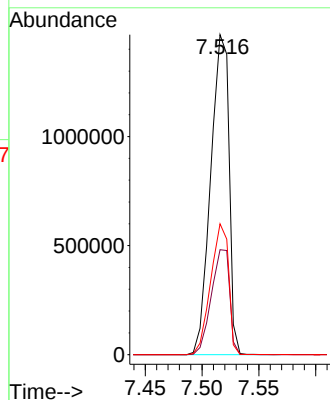
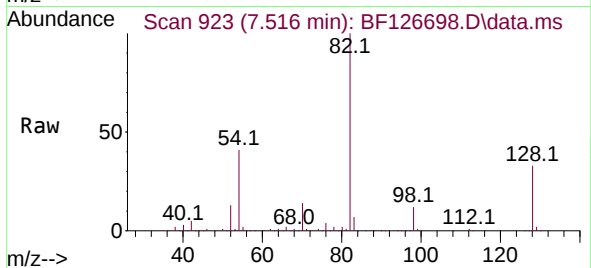
Tgt Ion: 82 Resp: 1646821

Ion Ratio Lower Upper

82 100

128 32.8 32.7 49.1

54 40.9 41.7 62.5#



#25

Isophorone

Concen: 49.630 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126698.D

Acq: 26 Jan 2022 20:31

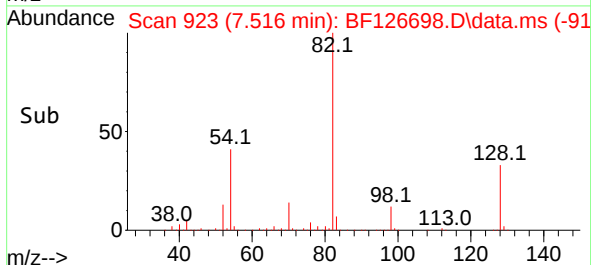
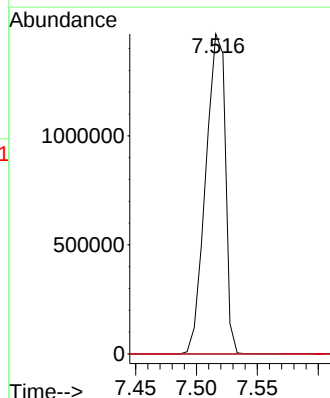
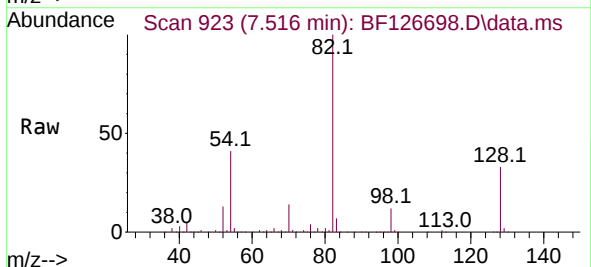
Tgt Ion: 82 Resp: 1646799

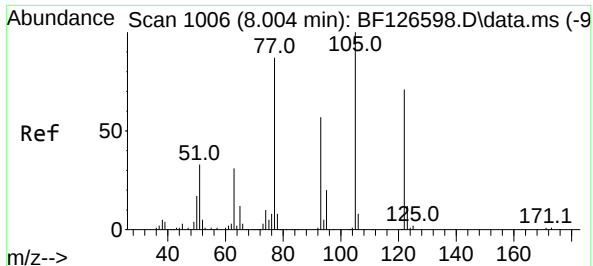
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

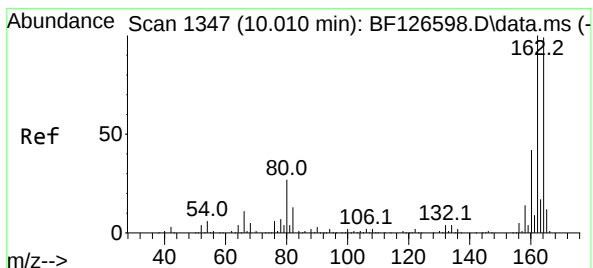
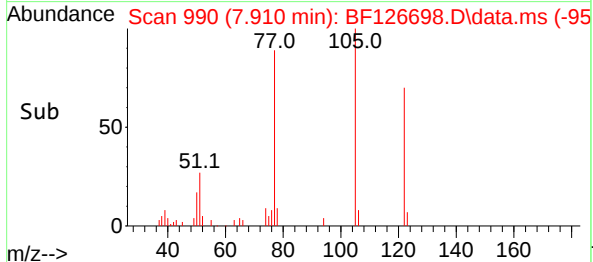
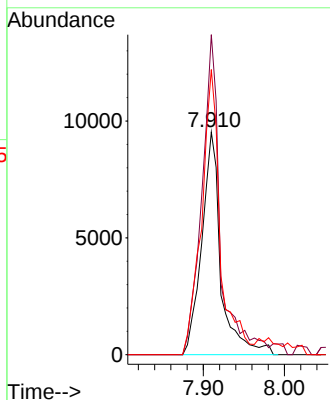
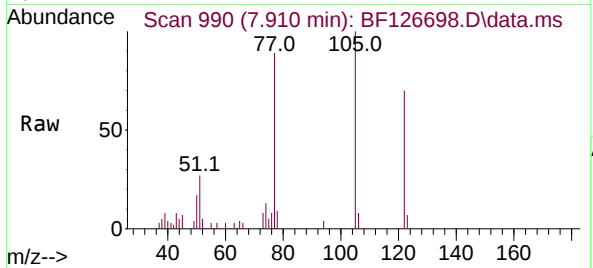




#32
Benzoic acid
Concen: 2.515 ng
RT: 7.910 min Scan# 91
Delta R.T. -0.082 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

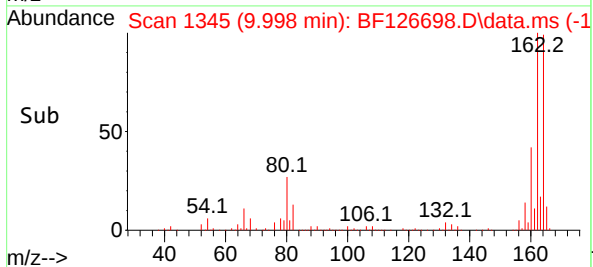
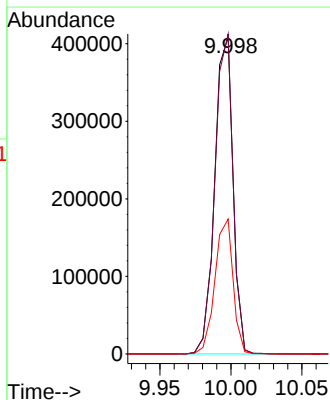
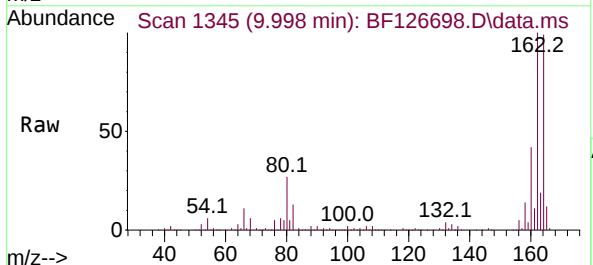
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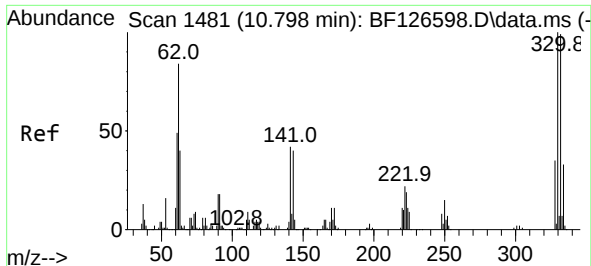
Tgt Ion:122 Resp: 15600
Ion Ratio Lower Upper
122 100
105 143.8 101.0 141.0#
77 128.1 74.5 114.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Tgt Ion:164 Resp: 365371
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 42.6 36.6 54.8

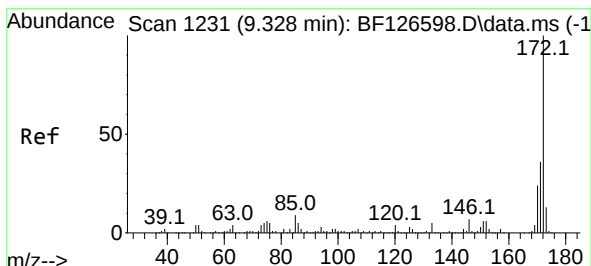
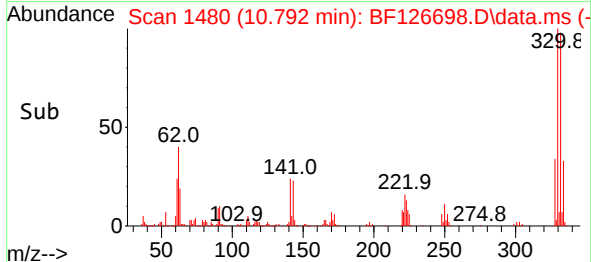
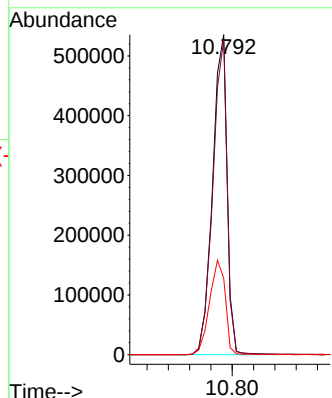
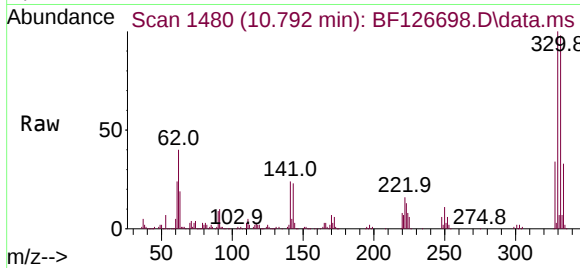




#42
2,4,6-Tribromophenol
Concen: 148.504 ng
RT: 10.792 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

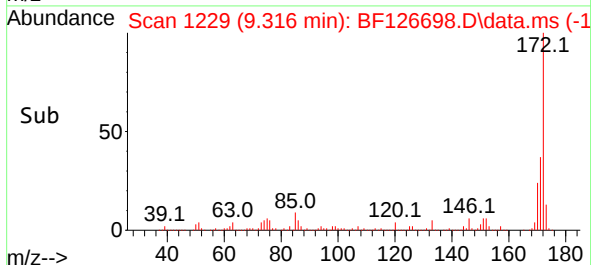
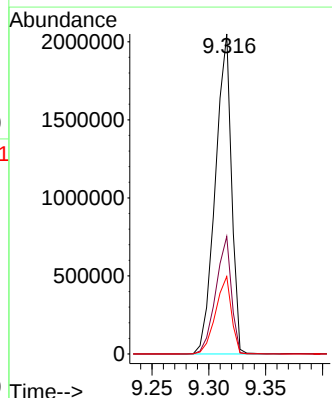
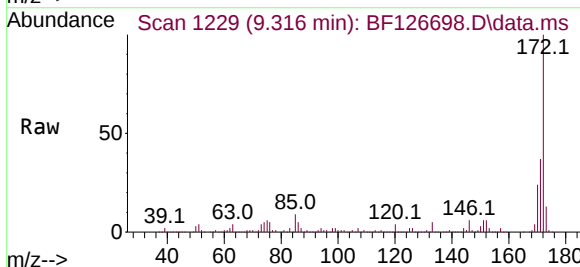
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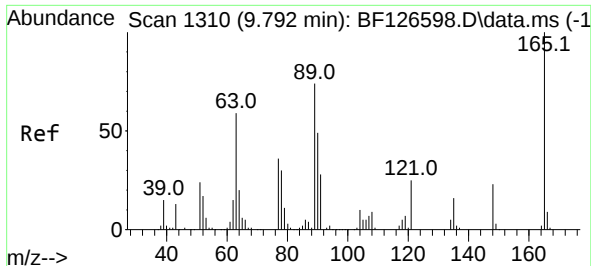
Tgt Ion:330 Resp: 507782
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 32.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 84.924 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Tgt Ion:172 Resp: 2026044
Ion Ratio Lower Upper
172 100
171 36.7 28.3 42.5
170 24.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.538 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.217 min

Lab File: BF126698.D

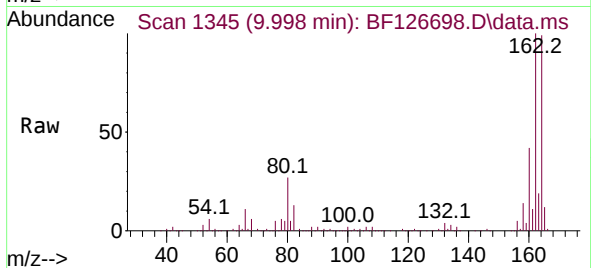
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Instrument :

BNA_F

ClientSampleId :

2ND-3RD-FLOOR-WALLS-1



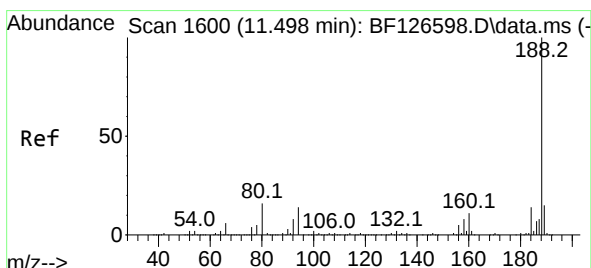
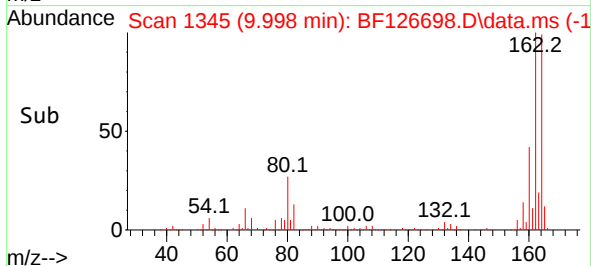
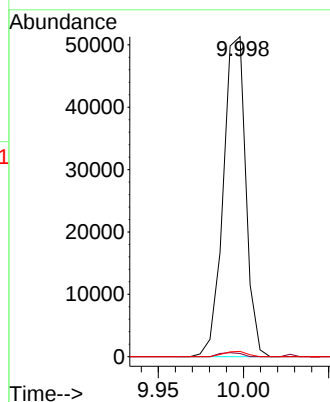
Tgt Ion:165 Resp: 47190

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.7 50.5 75.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF126698.D

Acq: 26 Jan 2022 20:31

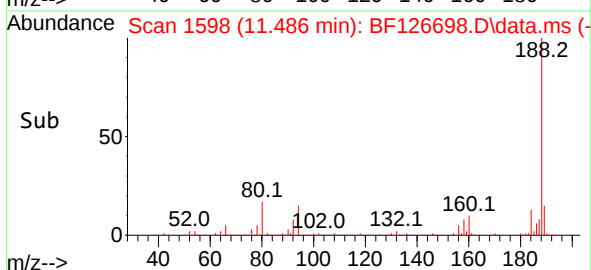
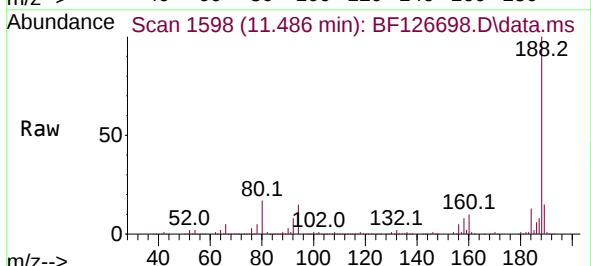
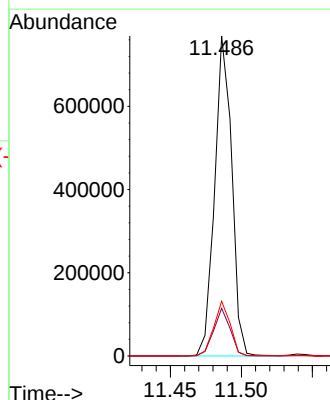
Tgt Ion:188 Resp: 645624

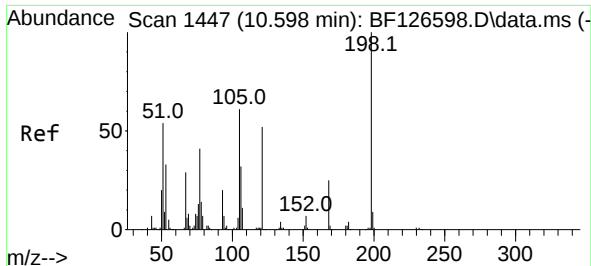
Ion Ratio Lower Upper

188 100

94 14.9 10.1 15.1

80 17.1 11.8 17.6

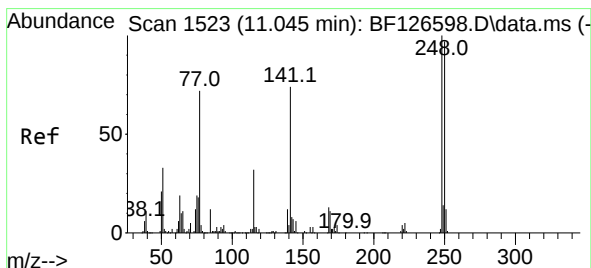
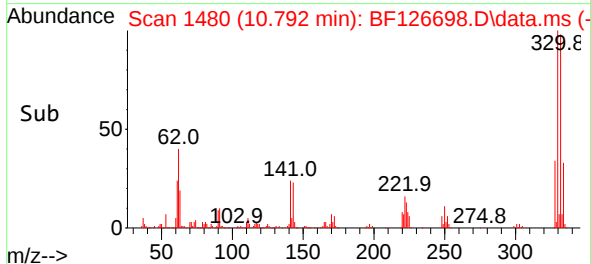
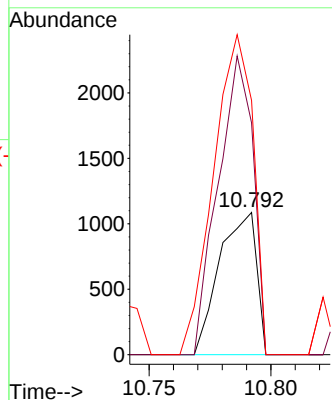
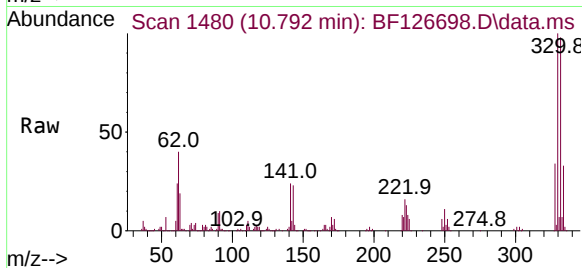




#65
4,6-Dinitro-2-methylphenol
Concen: 7.687 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

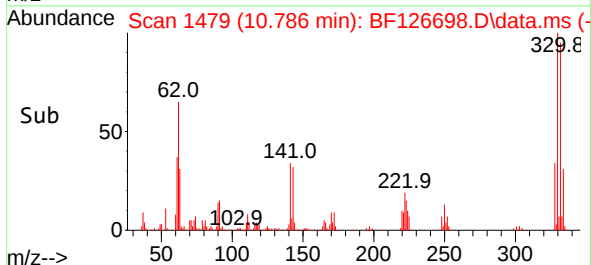
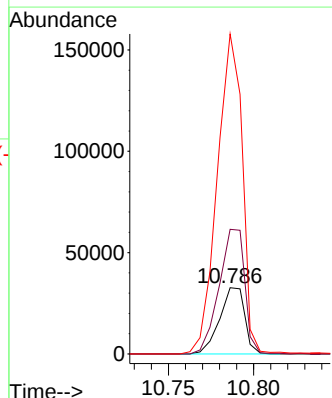
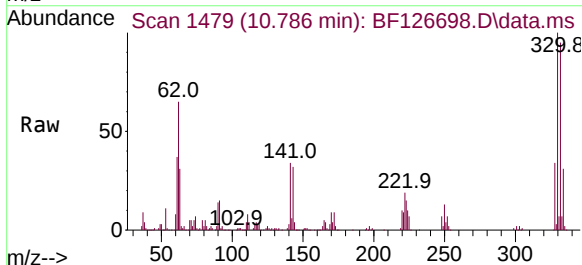
Instrument :
BNA_F
ClientSampleId :
2ND-3RD-FLOOR-WALLS-1

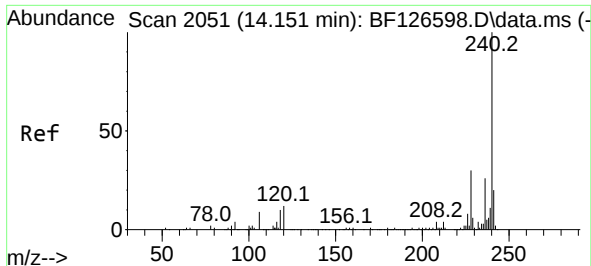
Tgt Ion:198 Resp: 1148
Ion Ratio Lower Upper
198 100
51 163.0 32.0 72.0#
105 178.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.499 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Tgt Ion:248 Resp: 33474
Ion Ratio Lower Upper
248 100
250 188.3 76.2 114.4#
141 483.3 66.2 99.4#

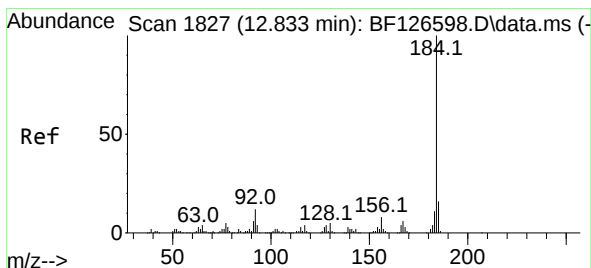
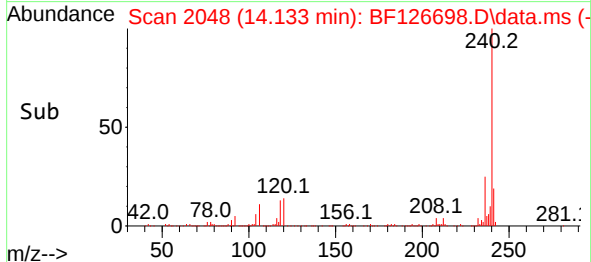
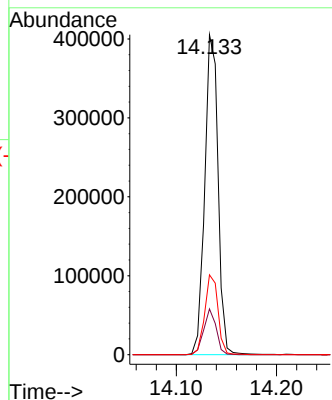
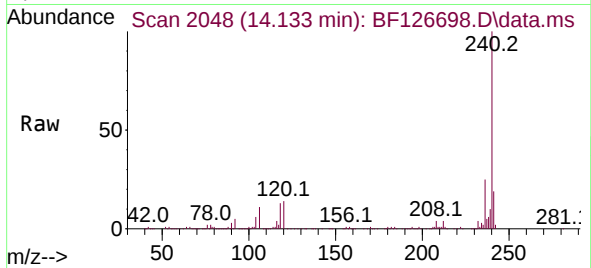




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

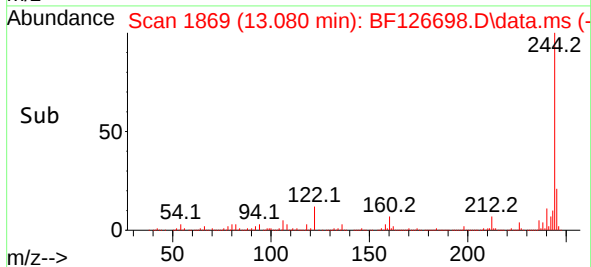
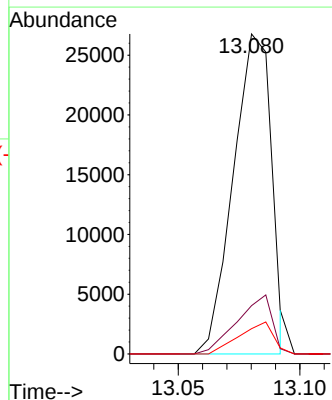
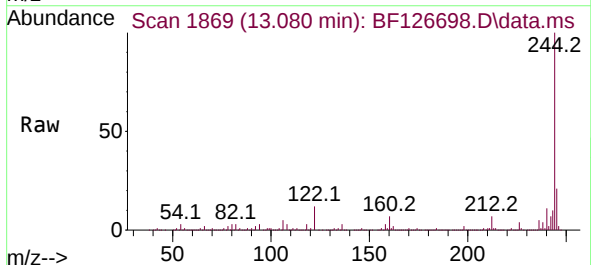
Instrument :
BNA_F
ClientSampleId :
2ND-3RD-FLOOR-WALLS-1

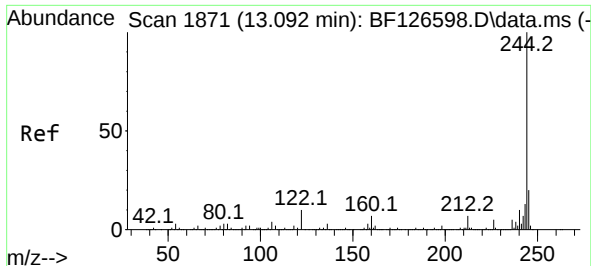
Tgt Ion:240 Resp: 376078
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 2.246 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126698.D
Acq: 26 Jan 2022 20:31

Tgt Ion:184 Resp: 29141
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.8
183 7.9 8.2 12.2#

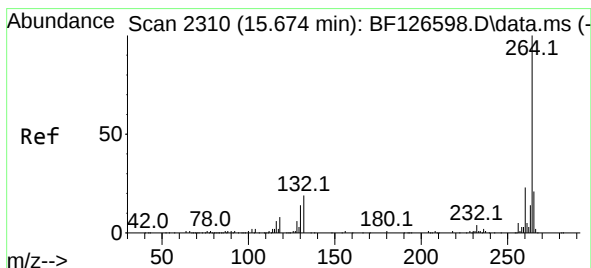
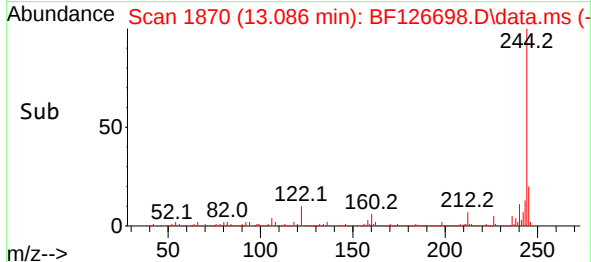
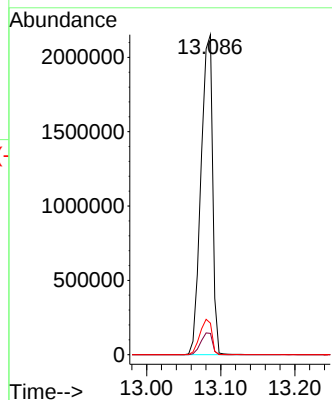
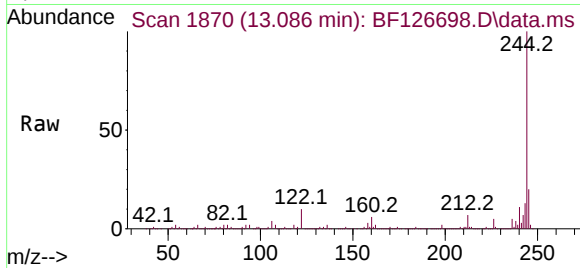




#79
 Terphenyl-d14
 Concen: 104.201 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126698.D
 Acq: 26 Jan 2022 20:31

Instrument :
 BNA_F
 ClientSampleId :
 2ND-3RD-FLOOR-WALLS-1

Tgt Ion:244 Resp: 2336401
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 9.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126698.D
 Acq: 26 Jan 2022 20:31

Tgt Ion:264 Resp: 289461
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.7 17.4 26.2

