

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126696.D
 Acq On : 26 Jan 2022 19:38
 Operator : CG/JU
 Sample : N1267-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-FLOORS

Quant Time: Jan 27 03:14:40 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)

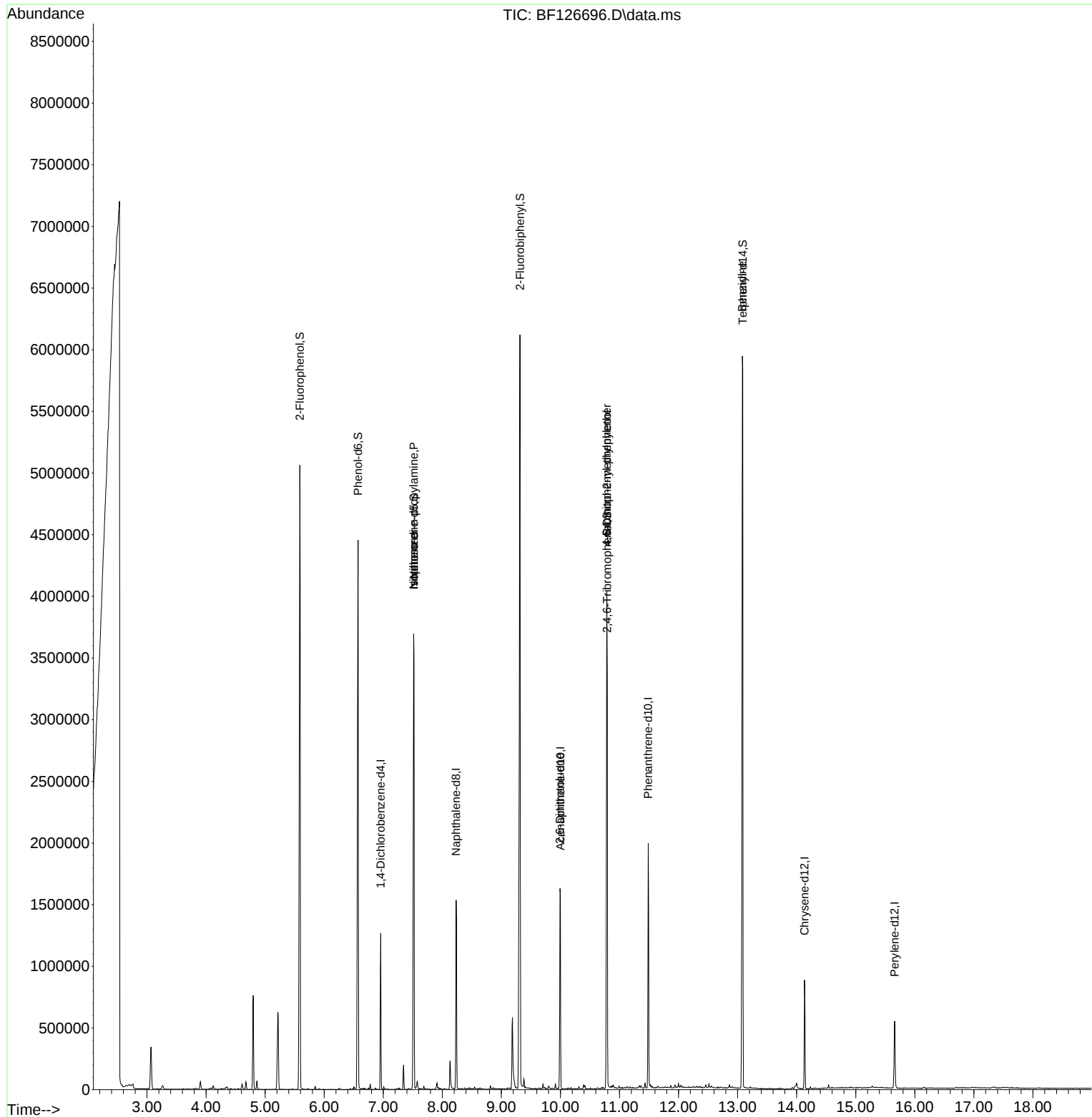
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	156439	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	641096	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	341330	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	643178	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	287812	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	242350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1527517	128.488	ng	0.02
7) Phenol-d6	6.575	99	1734170	104.990	ng	0.00
23) Nitrobenzene-d5	7.516	82	1605513	98.022	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	502232	157.227	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1881555	84.423	ng	0.00
79) Terphenyl-d14	13.086	244	2278762	132.798	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	673	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	215710	17.893	ng	# 68
25) Isophorone	7.516	82	1605498	50.544	ng	# 69
51) 2,6-Dinitrotoluene	9.992	165	43479	10.394	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.786	198	1166	7.693	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	32498	4.384	ng	# 1
77) Benizidine	13.080	184	28626	2.883	ng	# 96

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

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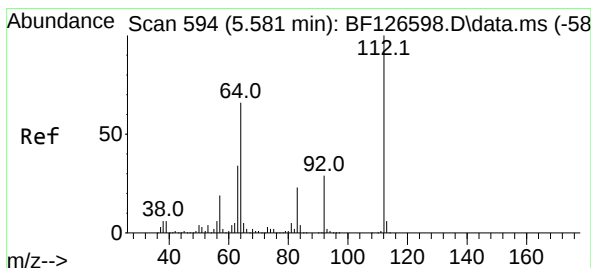
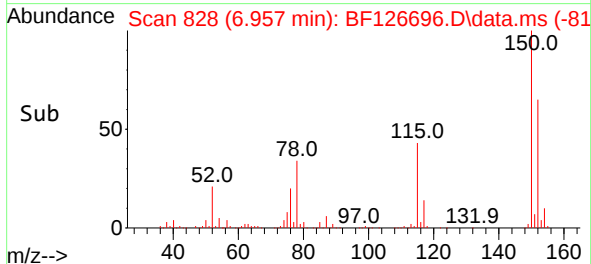
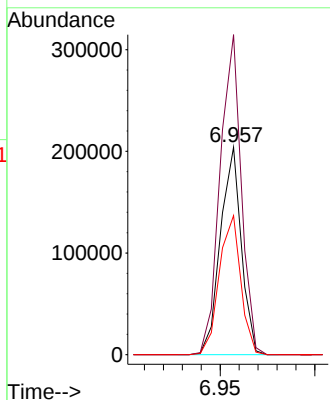
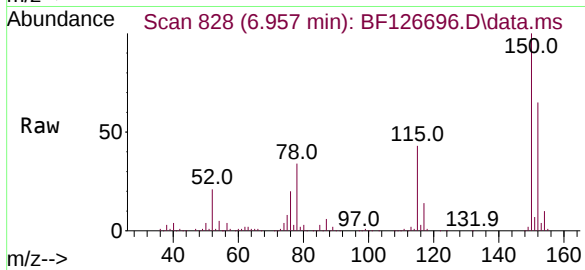




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

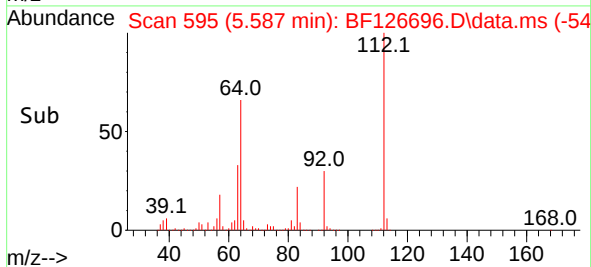
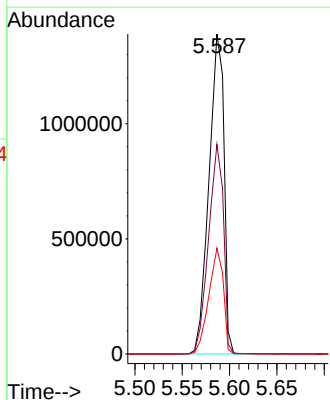
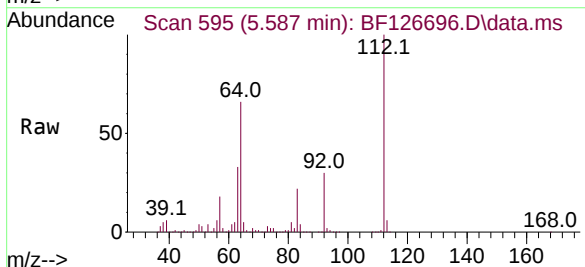
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS

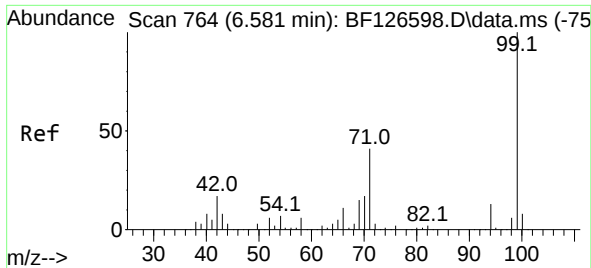
Tgt Ion:152 Resp: 156439
Ion Ratio Lower Upper
152 100
150 154.2 128.1 192.1
115 67.0 56.7 85.1



#5
2-Fluorophenol
Concen: 128.488 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

Tgt Ion:112 Resp: 1527517
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 33.1 23.9 35.9





#7

Phenol-d6

Concen: 104.990 ng

RT: 6.575 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126696.D

Acq: 26 Jan 2022 19:38

Instrument :

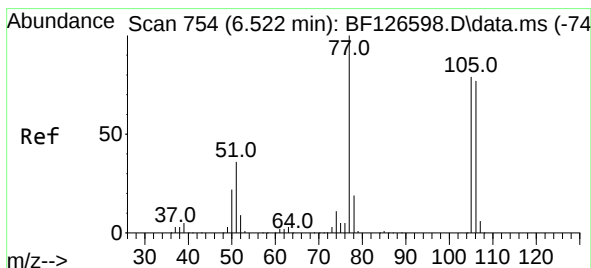
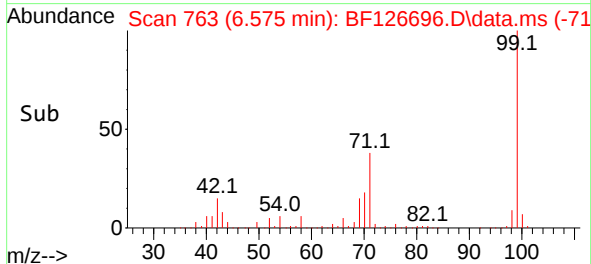
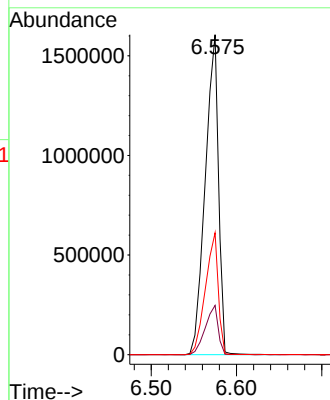
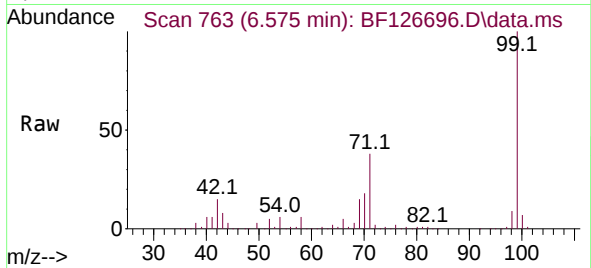
BNA_F

ClientSampleId :

BASMENT-FLOORS

Tgt Ion: 99 Resp: 1734170

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.2	21.4
71	38.1	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

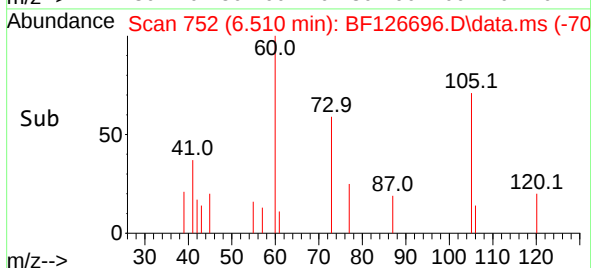
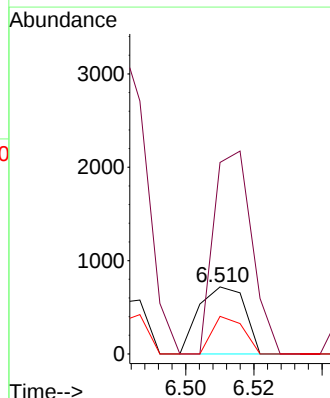
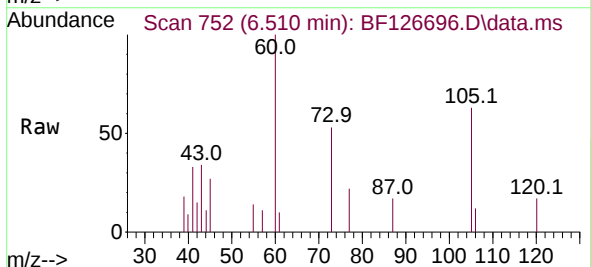
Delta R.T. -0.000 min

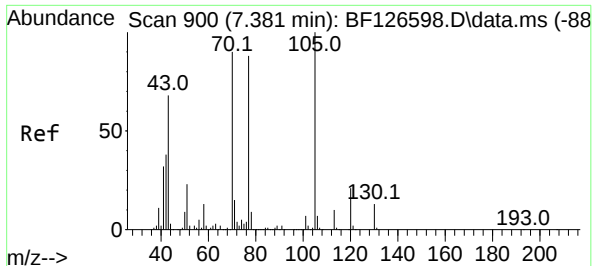
Lab File: BF126696.D

Acq: 26 Jan 2022 19:38

Tgt Ion: 77 Resp: 673

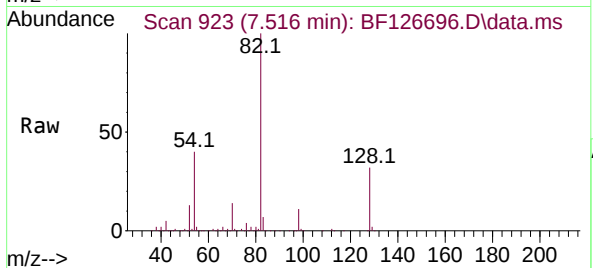
Ion	Ratio	Lower	Upper
77	100		
105	285.8	74.9	114.9
106	56.1	72.4	112.4



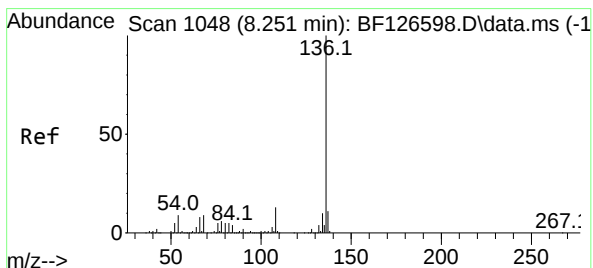
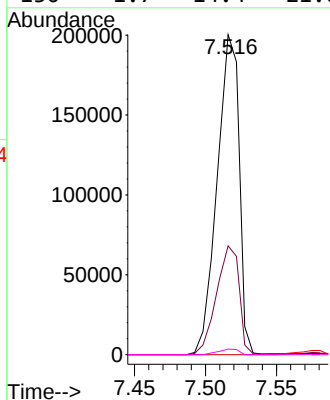
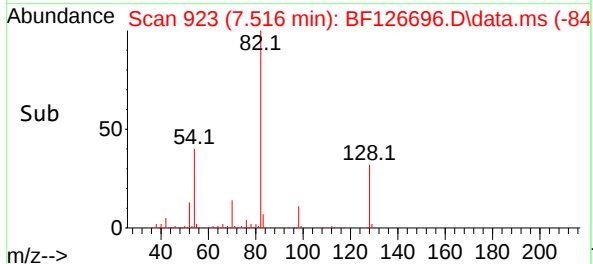


#19
n-Nitroso-di-n-propylamine
Concen: 17.893 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

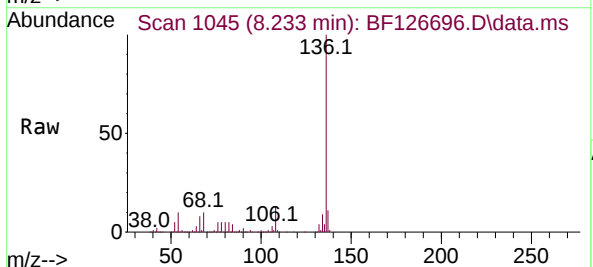
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS



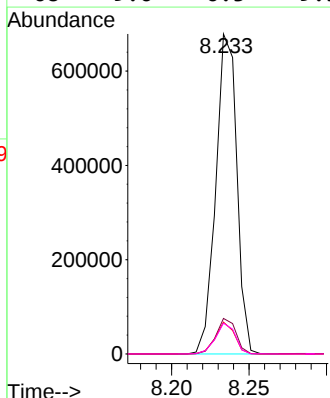
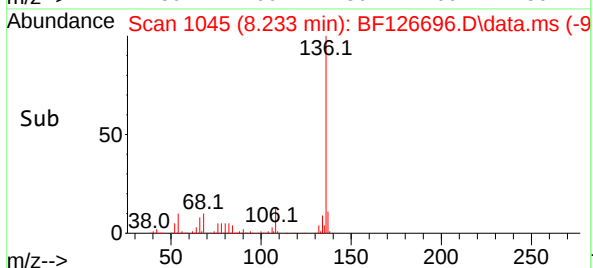
Tgt Ion: 70 Resp: 215710
Ion Ratio Lower Upper
70 100
42 34.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

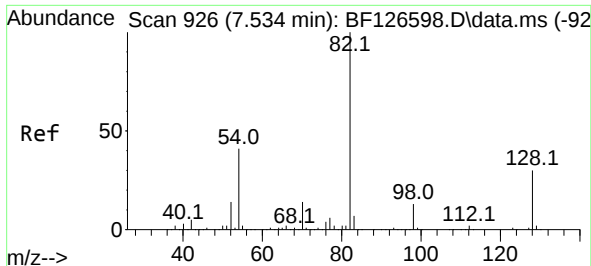


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38



Tgt Ion: 136 Resp: 641096
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.0 7.8 11.6
68 9.6 6.3 9.5#

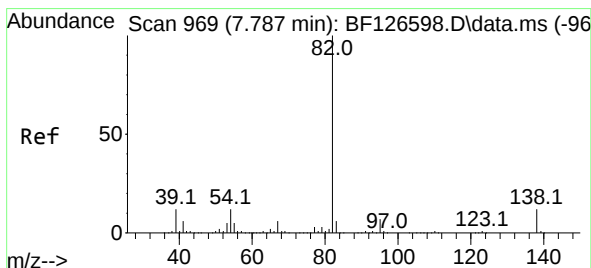
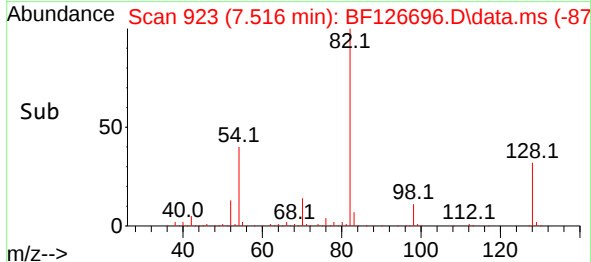
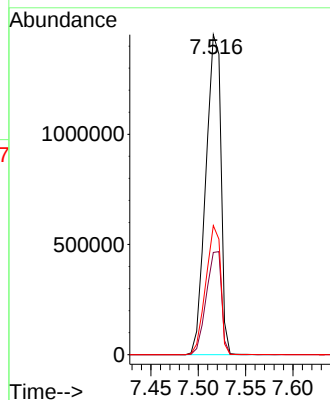
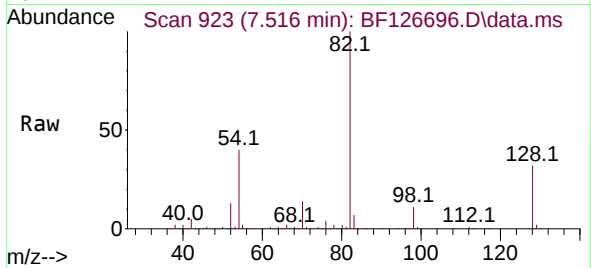




#23
Nitrobenzene-d5
Concen: 98.022 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

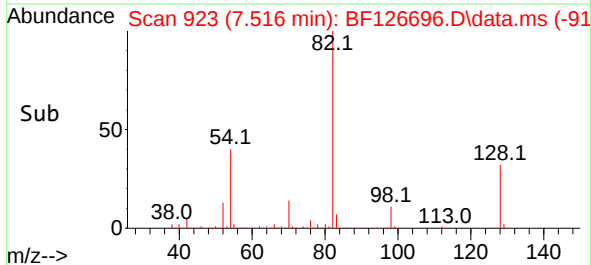
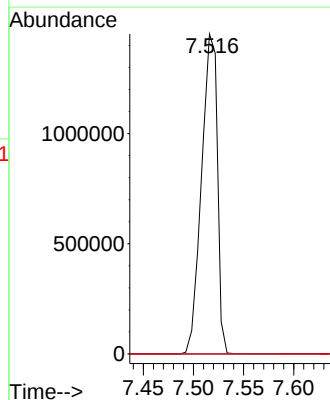
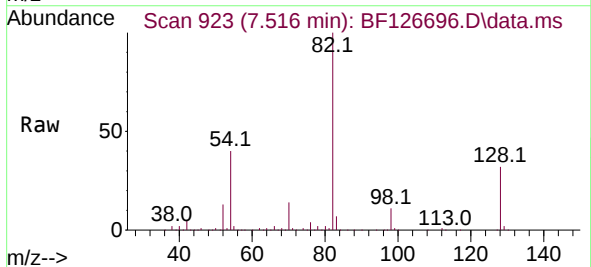
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS

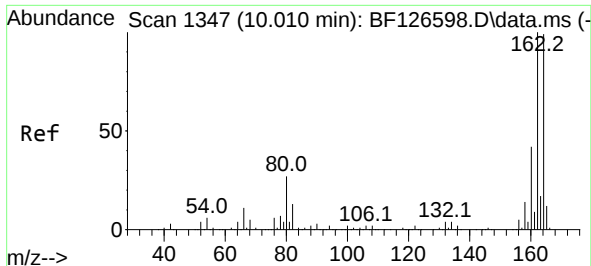
Tgt Ion: 82 Resp: 1605513
Ion Ratio Lower Upper
82 100
128 32.0 32.7 49.1#
54 40.4 41.7 62.5#



#25
Isophorone
Concen: 50.544 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

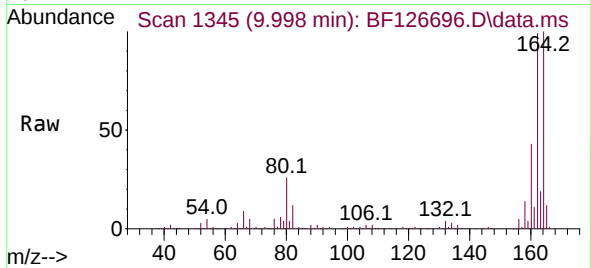
Tgt Ion: 82 Resp: 1605498
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



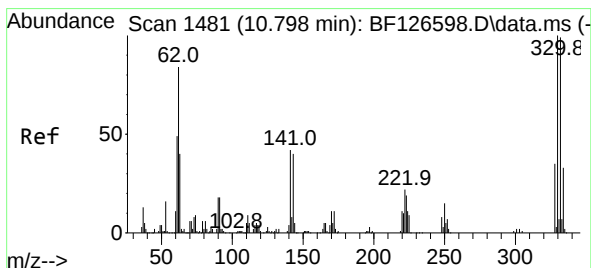
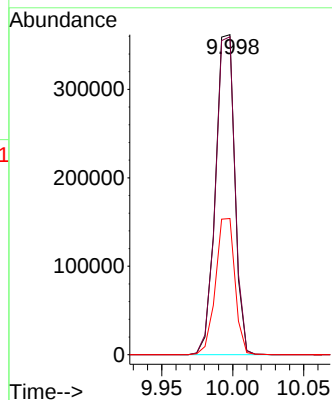
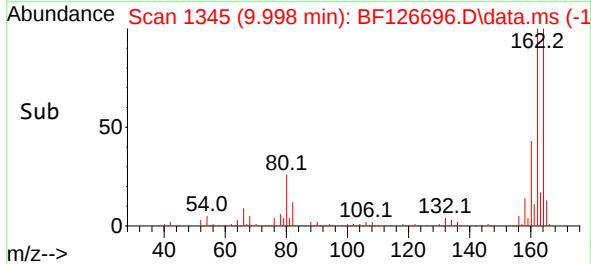


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

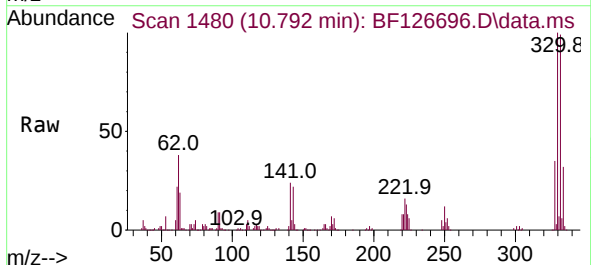
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS



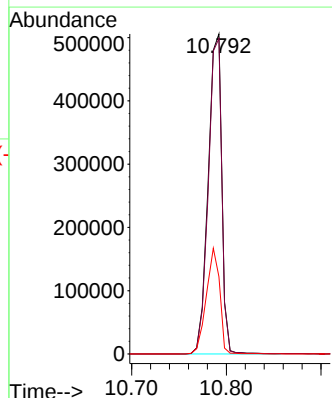
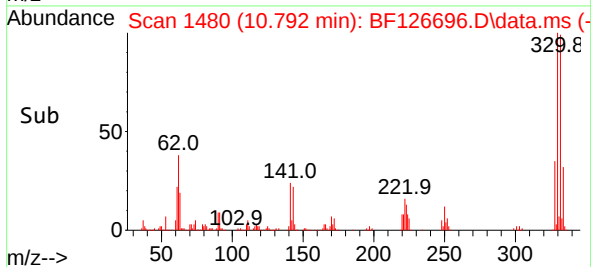
Tgt Ion:164 Resp: 341330
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 42.6 36.6 54.8

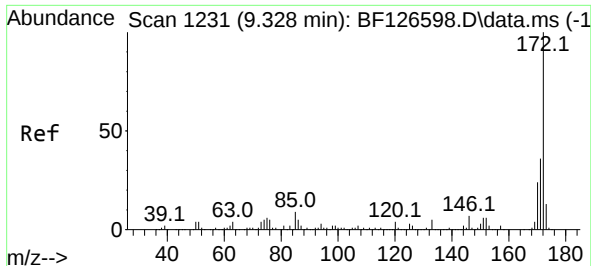


#42
2,4,6-Tribromophenol
Concen: 157.227 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38



Tgt Ion:330 Resp: 502232
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 32.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 84.423 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126696.D

Acq: 26 Jan 2022 19:38

Instrument :

BNA_F

ClientSampleId :

BASMENT-FLOORS

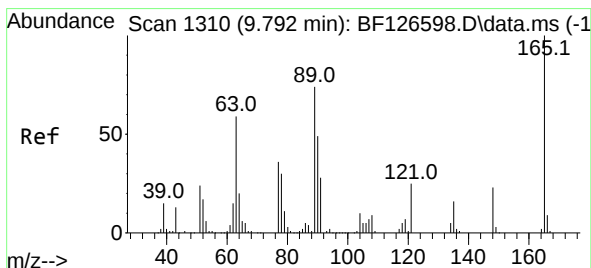
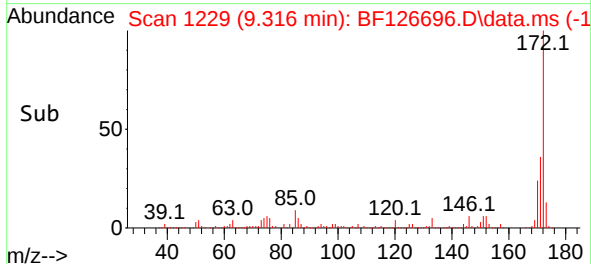
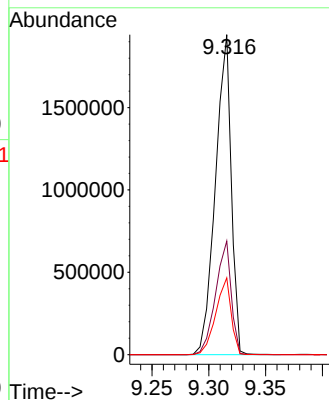
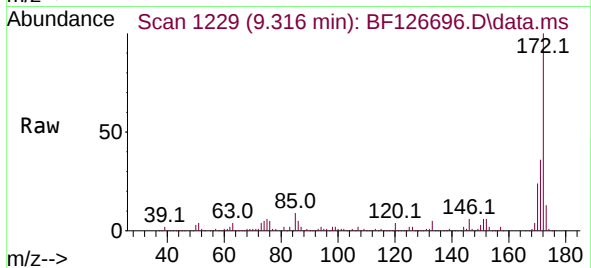
Tgt Ion:172 Resp: 1881555

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.394 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.212 min

Lab File: BF126696.D

Acq: 26 Jan 2022 19:38

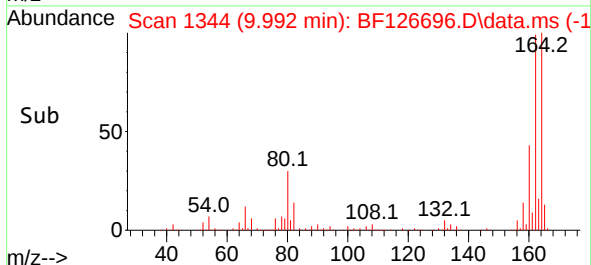
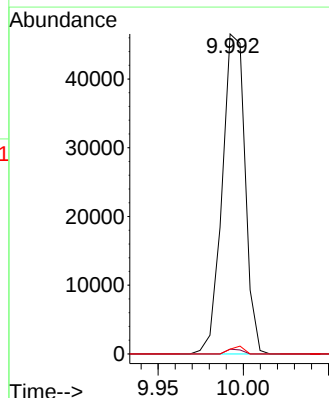
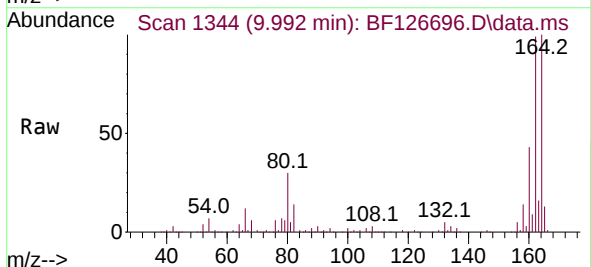
Tgt Ion:165 Resp: 43479

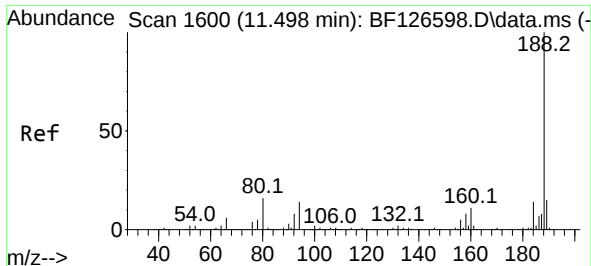
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.5 50.5 75.7#

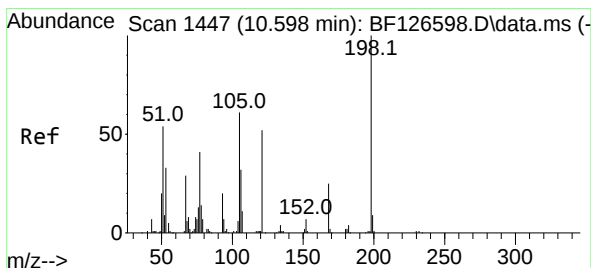
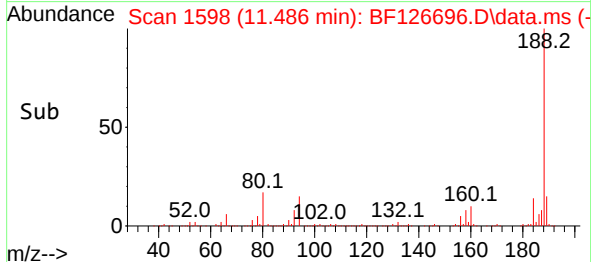
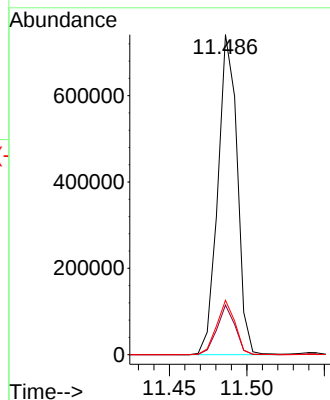
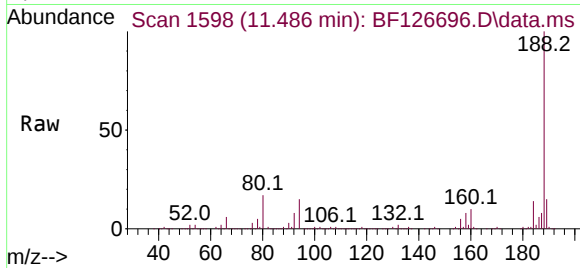




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

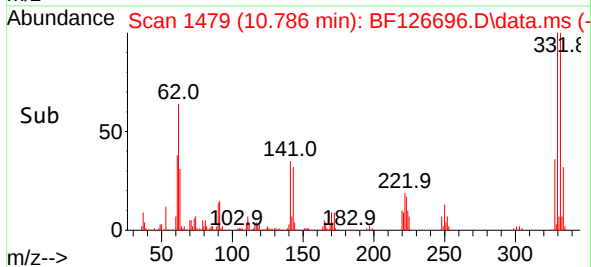
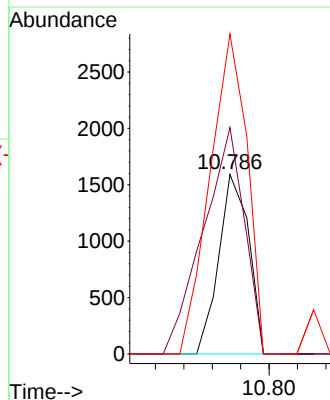
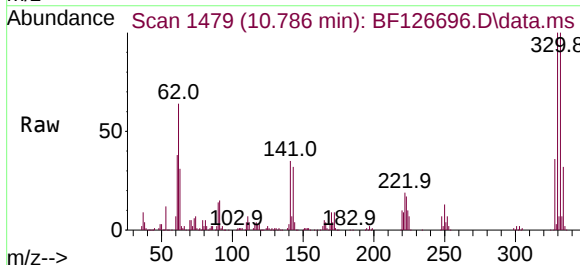
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS

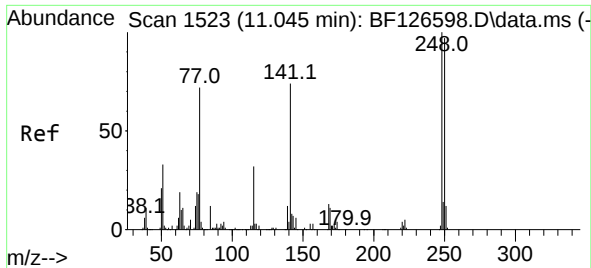
Tgt Ion:188 Resp: 643178
Ion Ratio Lower Upper
188 100
94 15.5 10.1 15.1#
80 17.0 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.693 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.194 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

Tgt Ion:198 Resp: 1166
Ion Ratio Lower Upper
198 100
51 126.1 32.0 72.0#
105 178.2 32.7 72.7#

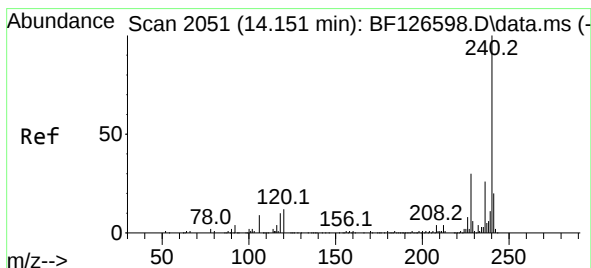
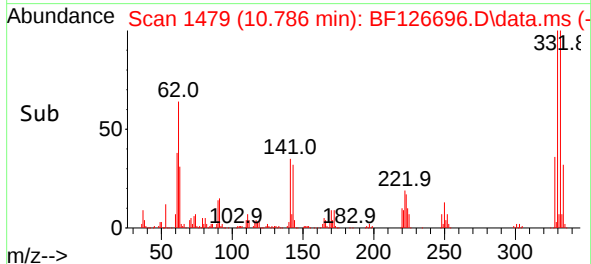
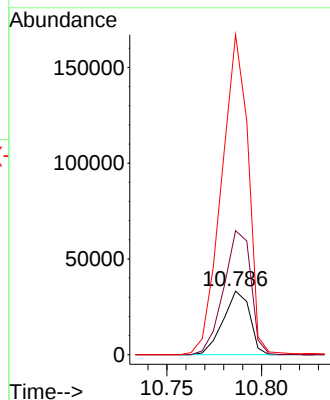
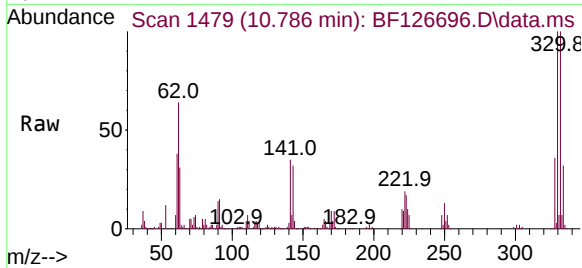




#67
4-Bromophenyl-phenylether
Concen: 4.384 ng
RT: 10.786 min Scan# 1417
Delta R.T. -0.247 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

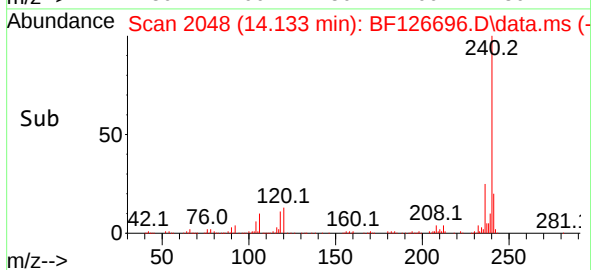
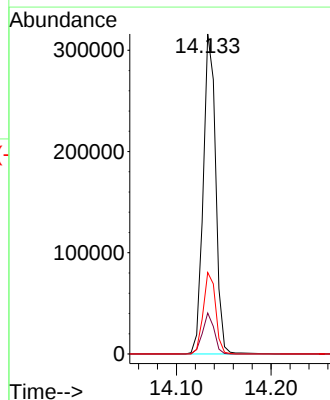
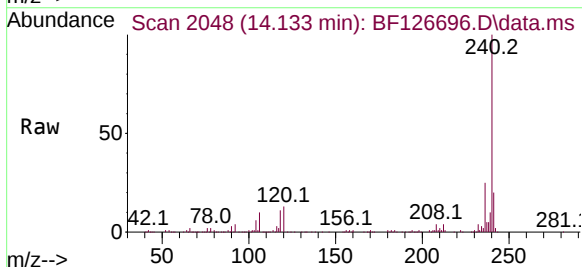
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS

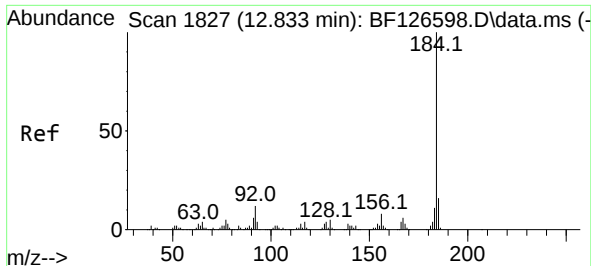
Tgt Ion:248 Resp: 32498
Ion Ratio Lower Upper
248 100
250 195.0 76.2 114.4#
141 503.2 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

Tgt Ion:240 Resp: 287812
Ion Ratio Lower Upper
240 100
120 12.8 14.4 21.6#
236 25.5 20.5 30.7

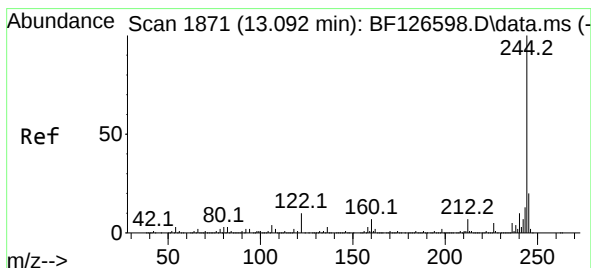
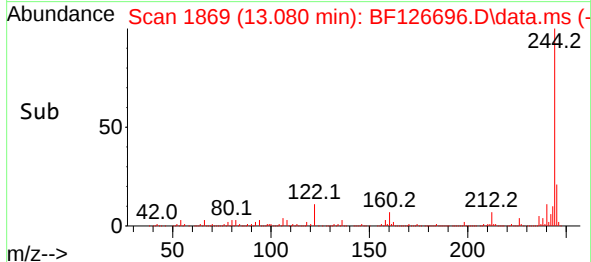
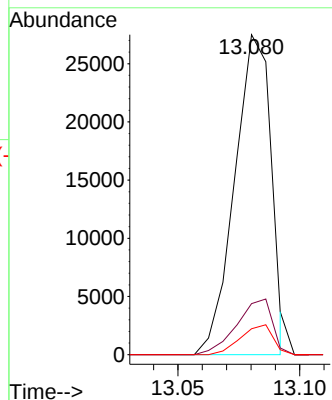
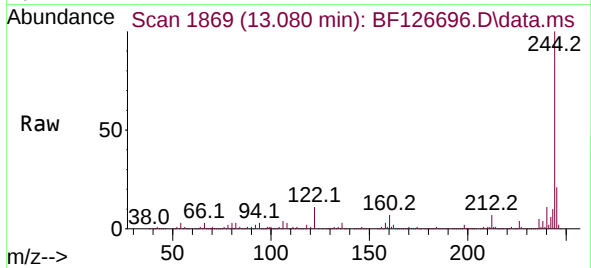




#77
Benzidine
Concen: 2.883 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

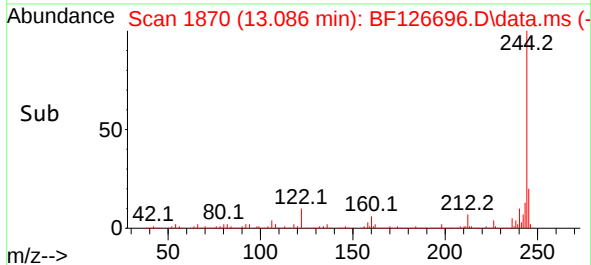
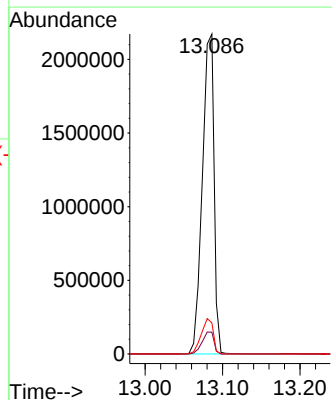
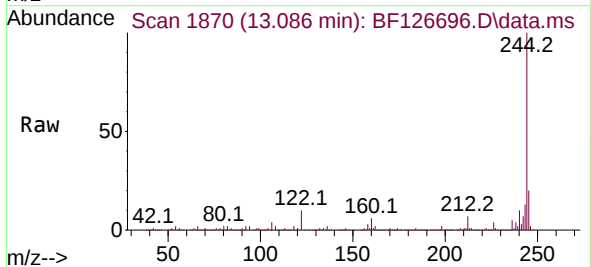
Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS

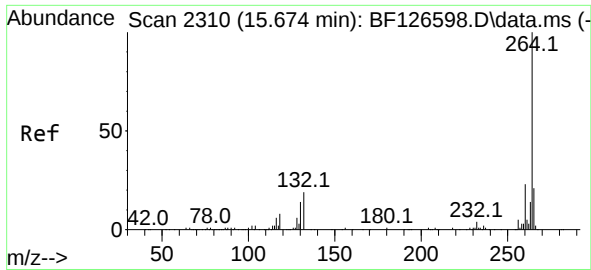
Tgt Ion:184 Resp: 28626
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 8.1 8.2 12.2#



#79
Terphenyl-d14
Concen: 132.798 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

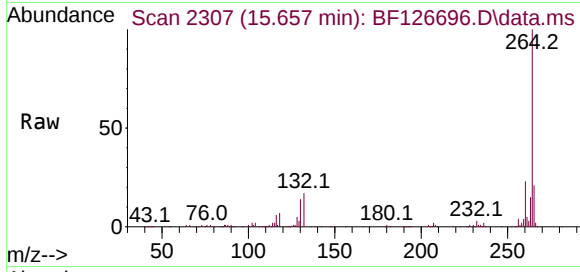
Tgt Ion:244 Resp: 2278762
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 9.7 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126696.D
Acq: 26 Jan 2022 19:38

Instrument :
BNA_F
ClientSampleId :
BASMENT-FLOORS



Tgt Ion:264 Resp: 242350

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.6	17.4	26.2

