

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126700.D
 Acq On : 26 Jan 2022 21:24
 Operator : CG/JU
 Sample : N1267-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-EXT-WALL

Quant Time: Jan 27 03:15:18 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)

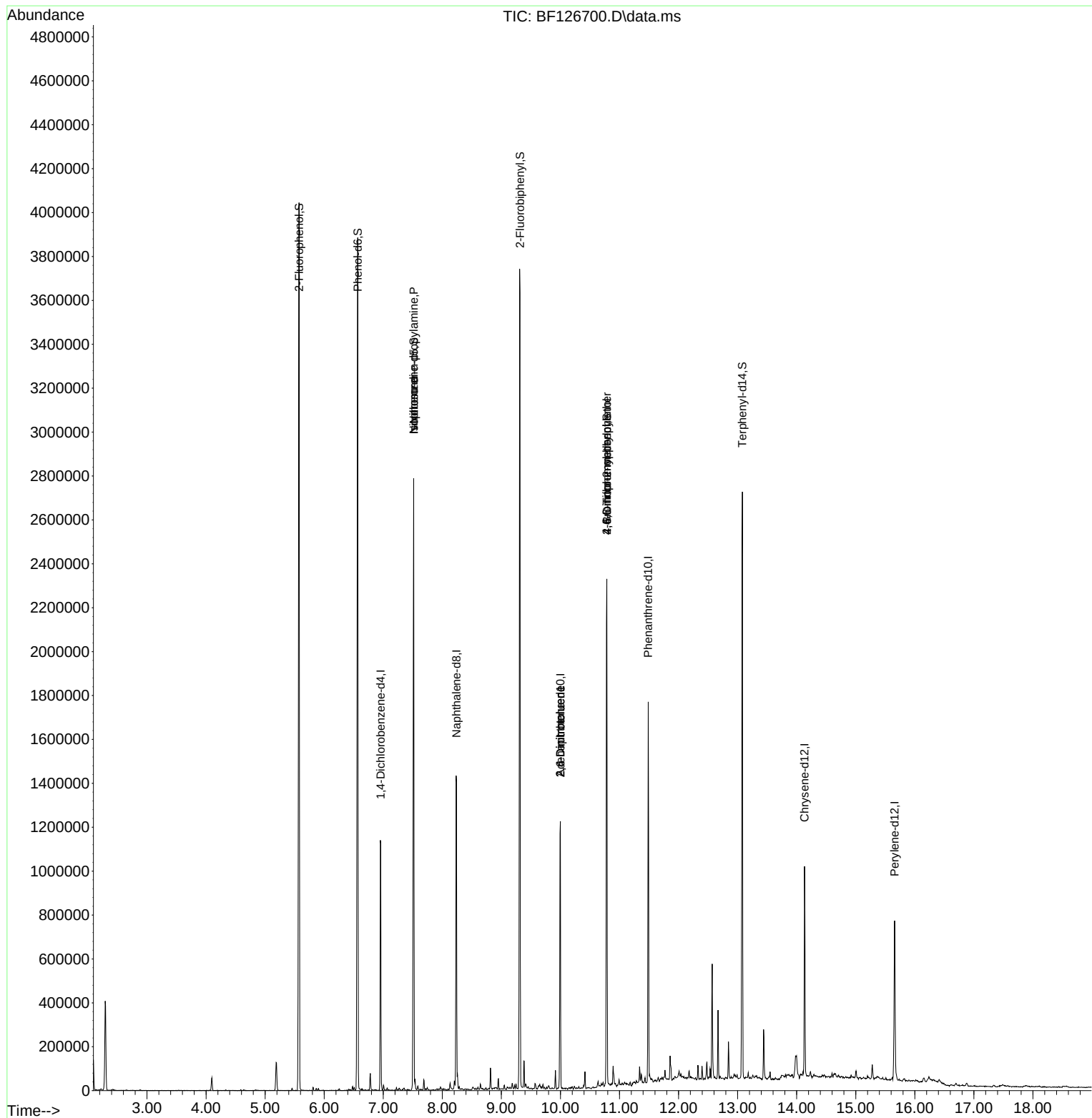
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	159478	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	625062	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	239432	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	545217	20.000	ng	0.00
76) Chrysene-d12	14.133	240	299780	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	303960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1059964	87.461	ng	0.00
7) Phenol-d6	6.569	99	1441068	85.582	ng	0.00
23) Nitrobenzene-d5	7.516	82	1006486	63.026	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	248637	110.963	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1160239	74.213	ng	0.00
79) Terphenyl-d14	13.080	244	856557	47.924	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2601	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.516	70	133092	10.830	ng	# 68
25) Isophorone	7.516	82	999350	32.268	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	31077	10.590	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	31077	8.740	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	442	7.515	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16457	2.619	ng	# 1

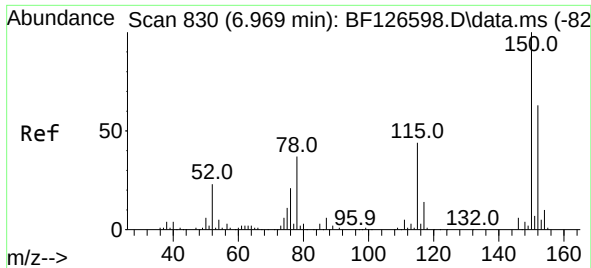
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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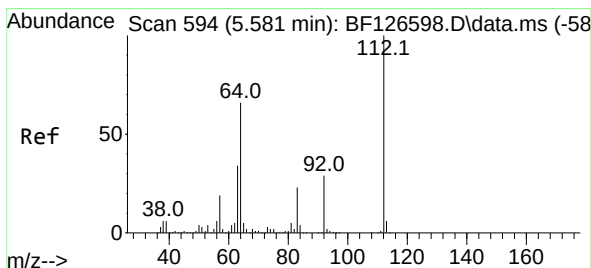
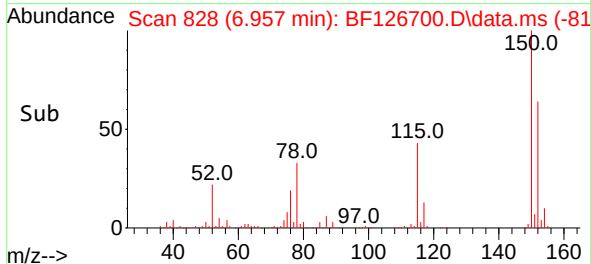
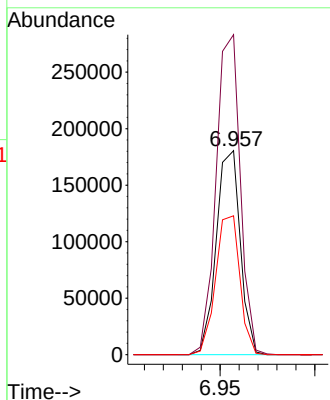
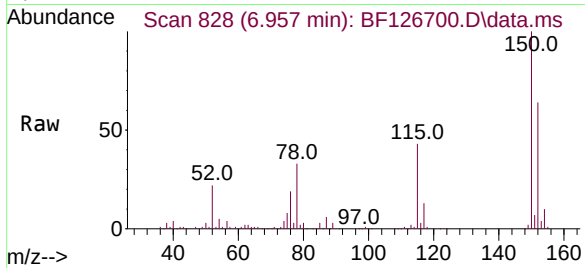




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

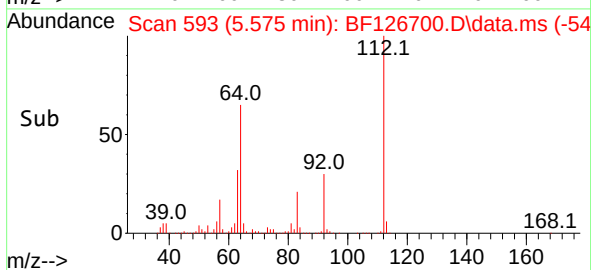
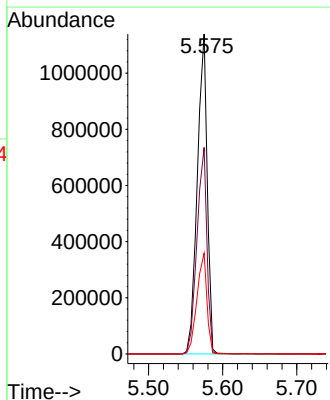
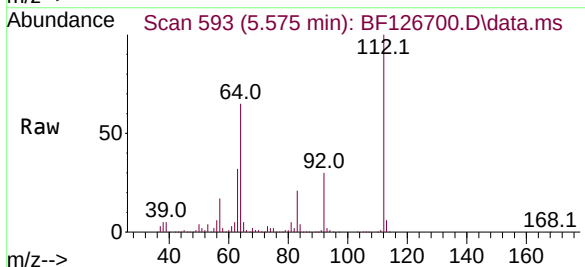
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

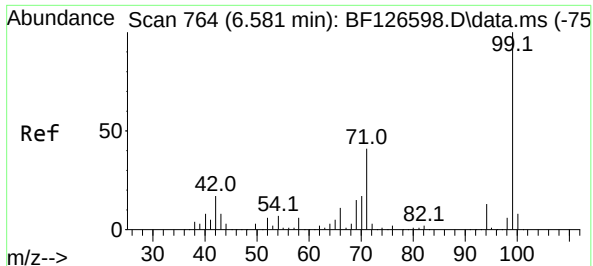
Tgt Ion:152 Resp: 159478
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 68.1 56.7 85.1



#5
2-Fluorophenol
Concen: 87.461 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

Tgt Ion:112 Resp: 1059964
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 31.5 23.9 35.9



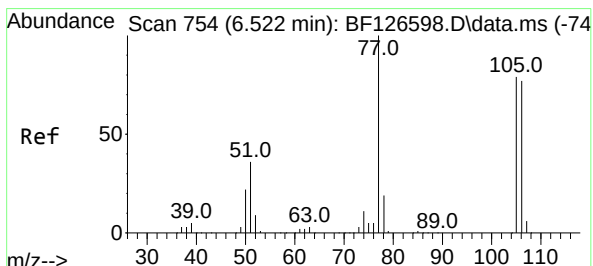
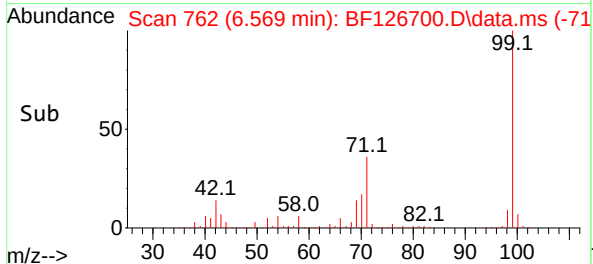
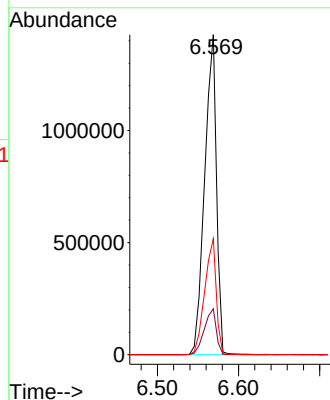
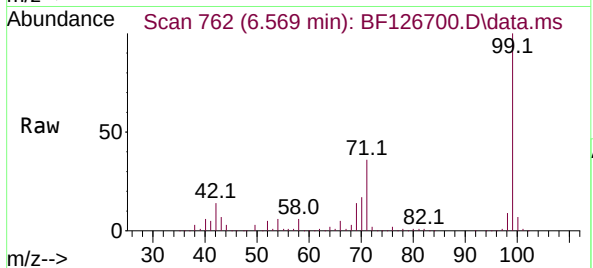


#7
Phenol-d6
Concen: 85.582 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

Tgt Ion: 99 Resp: 1441068

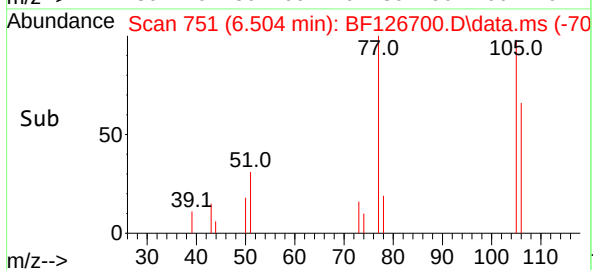
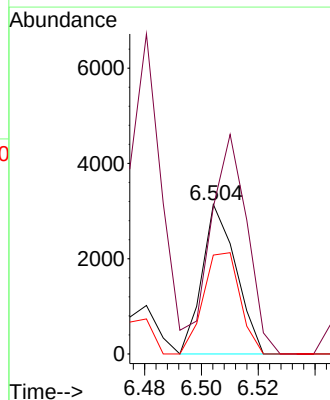
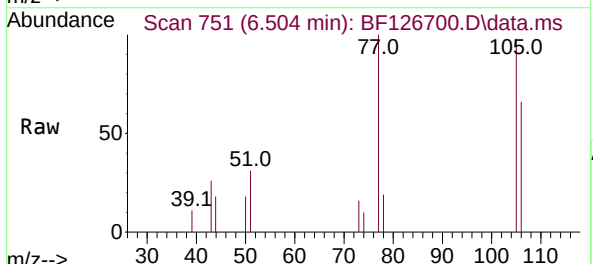
Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.2	21.4
71	36.2	24.3	36.5

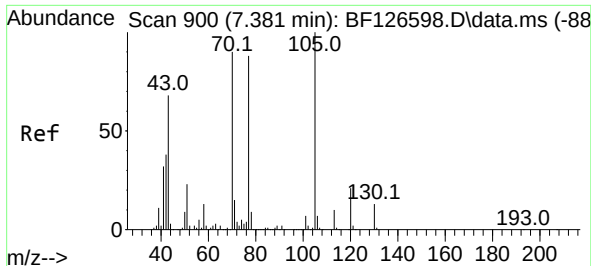


#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

Tgt Ion: 77 Resp: 2601

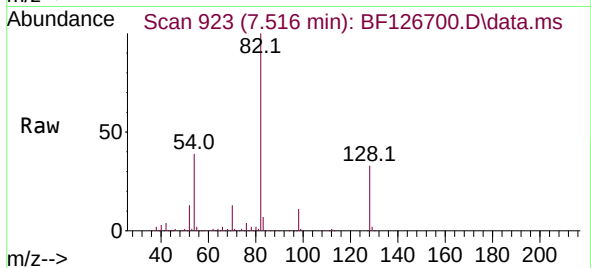
Ion	Ratio	Lower	Upper
77	100		
105	98.2	74.9	114.9
106	66.1	72.4	112.4



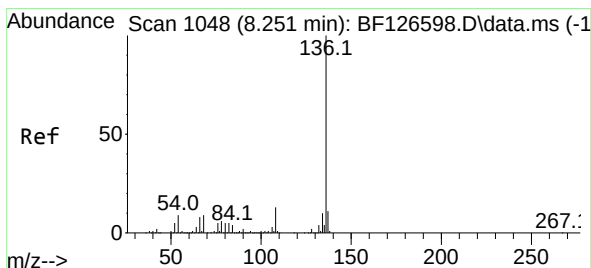
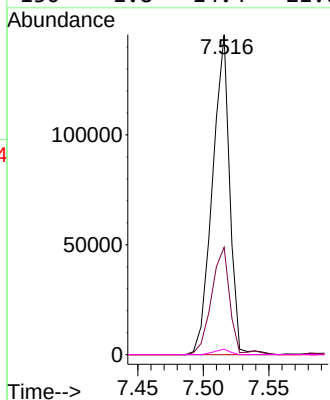
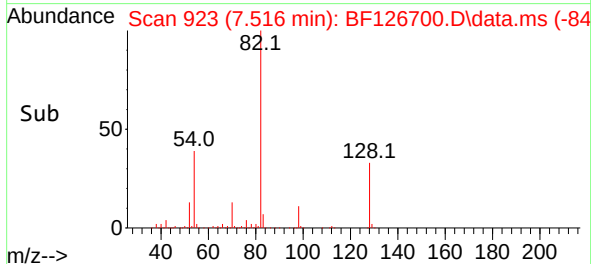


#19
n-Nitroso-di-n-propylamine
Concen: 10.830 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

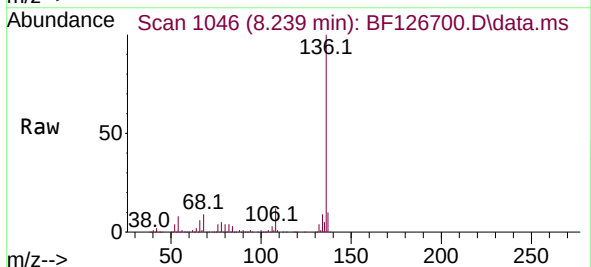
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL



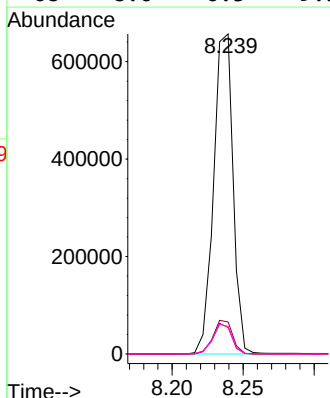
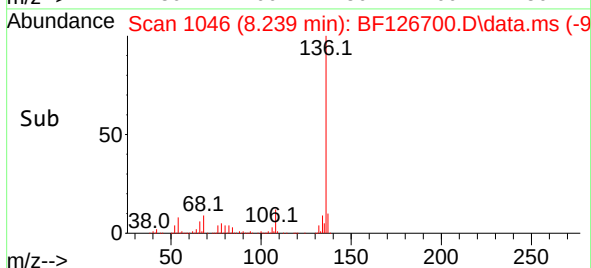
Tgt Ion: 70 Resp: 133092
Ion Ratio Lower Upper
70 100
42 33.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

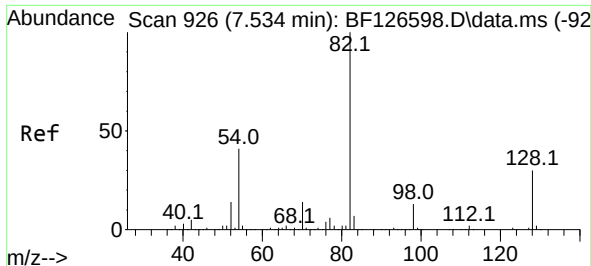


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24



Tgt Ion: 136 Resp: 625062
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 8.2 7.8 11.6
68 8.6 6.3 9.5

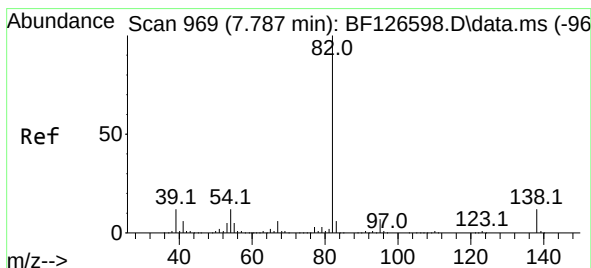
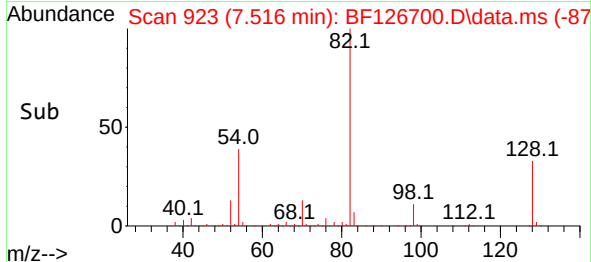
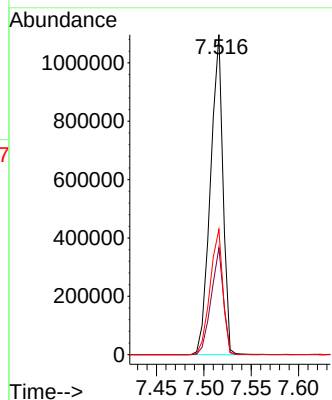
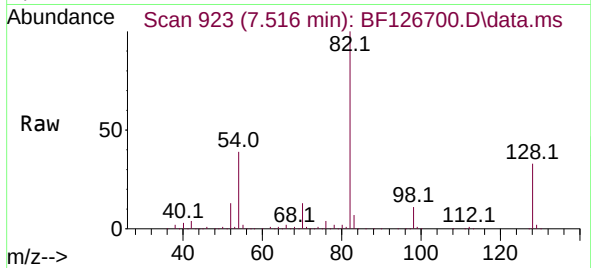




#23
Nitrobenzene-d5
Concen: 63.026 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

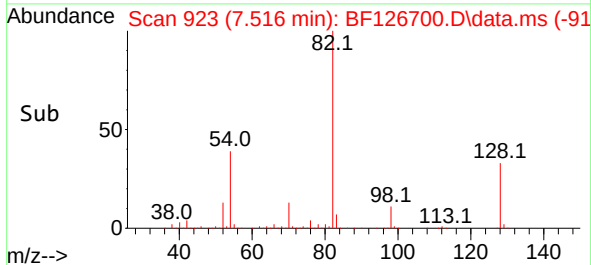
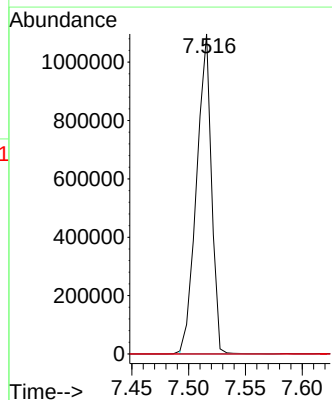
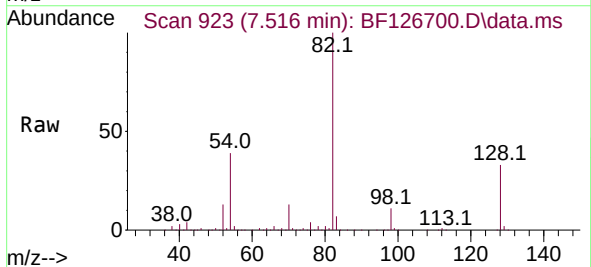
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

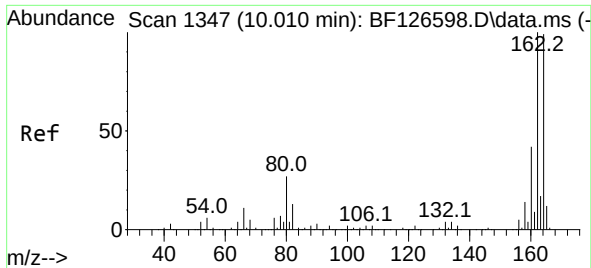
Tgt Ion: 82 Resp: 1006486
Ion Ratio Lower Upper
82 100
128 33.4 32.7 49.1
54 39.2 41.7 62.5#



#25
Isophorone
Concen: 32.268 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

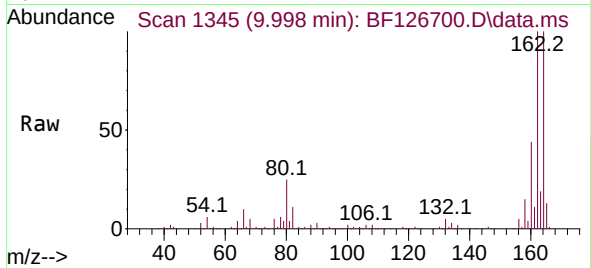
Tgt Ion: 82 Resp: 999350
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



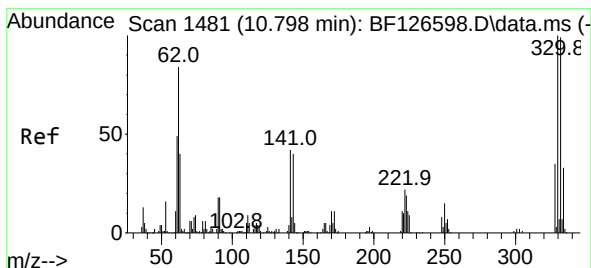
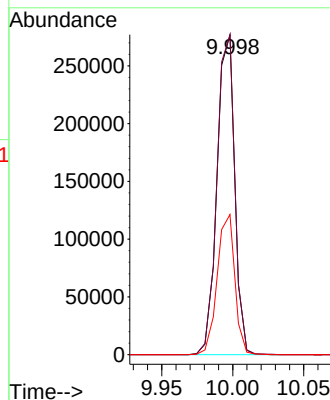
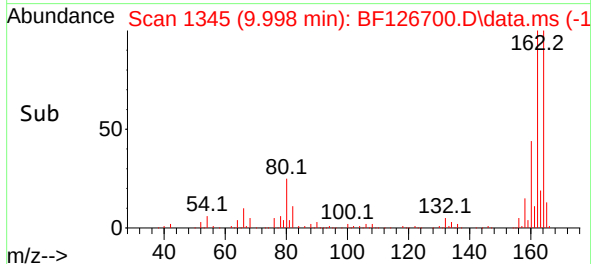


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

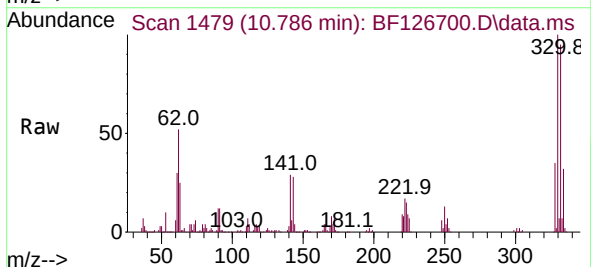
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL



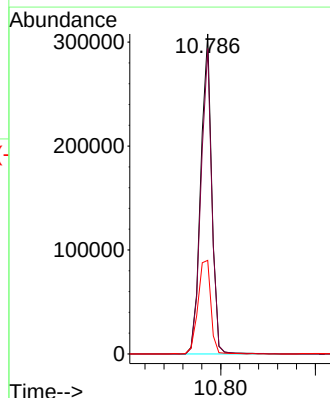
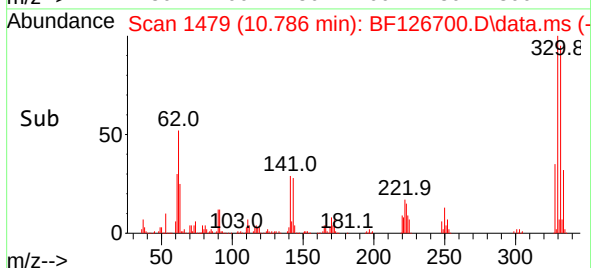
Tgt Ion:164 Resp: 239432
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.9 36.6 54.8

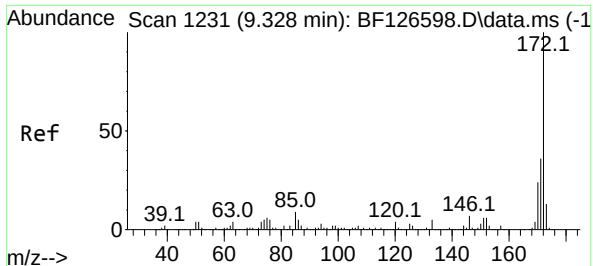


#42
2,4,6-Tribromophenol
Concen: 110.963 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24



Tgt Ion:330 Resp: 248637
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 74.213 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126700.D

Acq: 26 Jan 2022 21:24

Instrument :

BNA_F

ClientSampleId :

GRAY-EXT-WALL

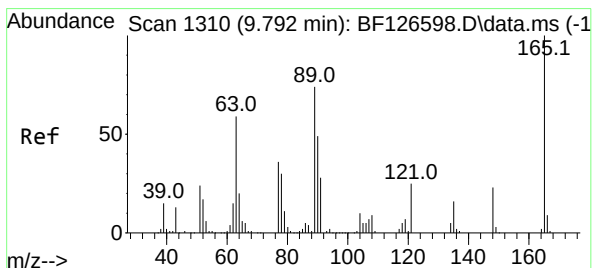
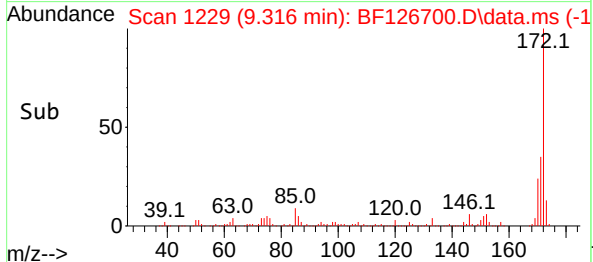
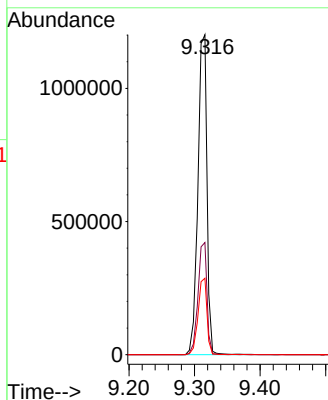
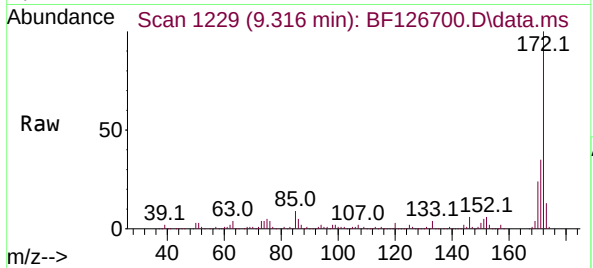
Tgt Ion:172 Resp: 1160239

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.590 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126700.D

Acq: 26 Jan 2022 21:24

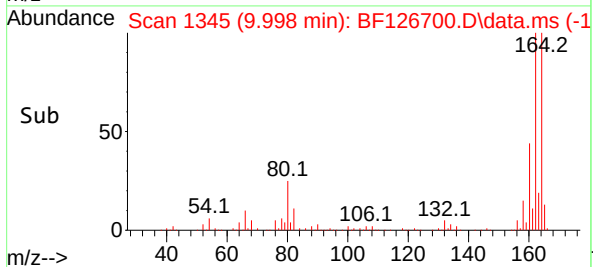
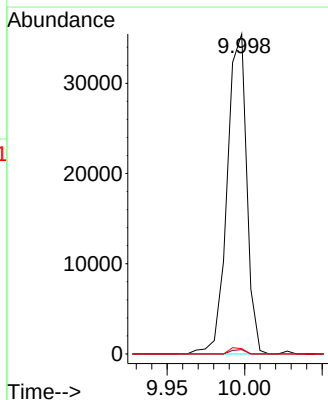
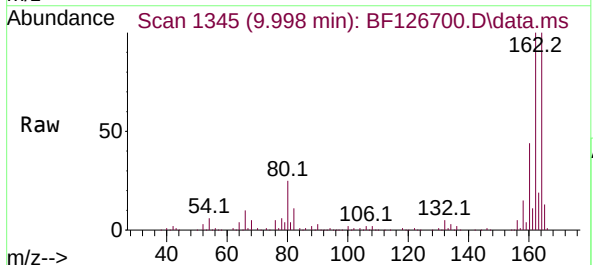
Tgt Ion:165 Resp: 31077

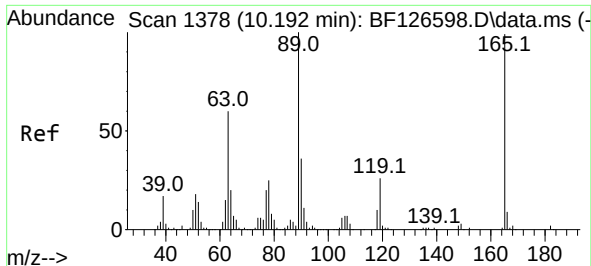
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.7 50.5 75.7#

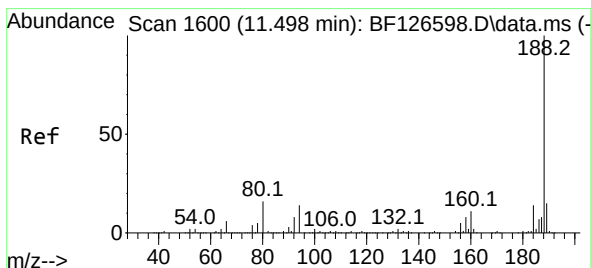
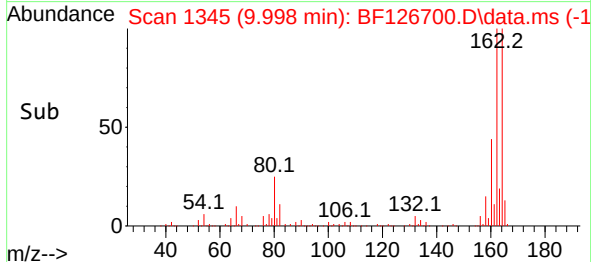
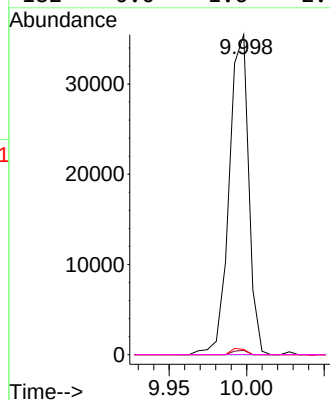
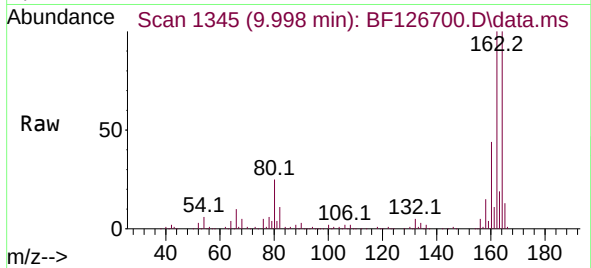




#57
2,4-Dinitrotoluene
Concen: 8.740 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

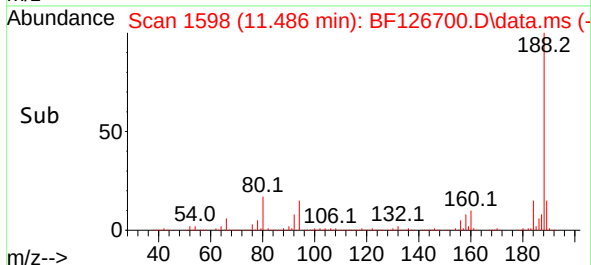
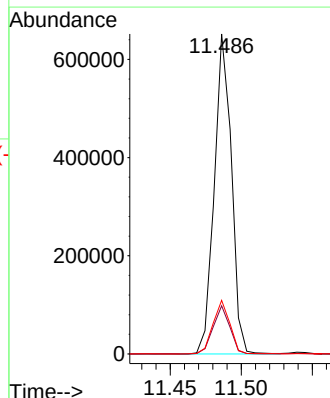
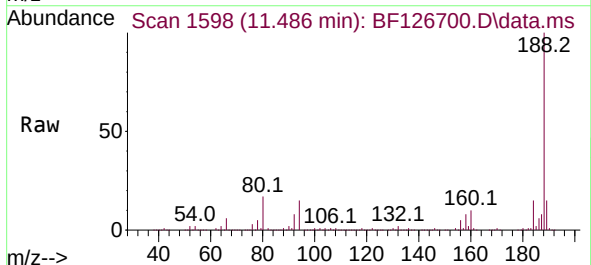
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

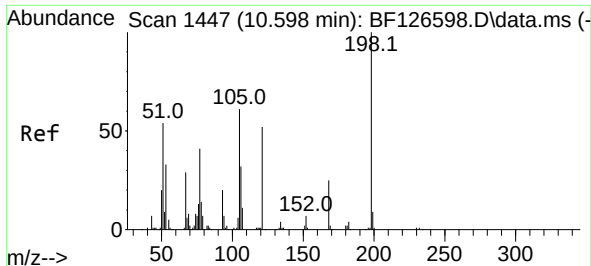
Tgt Ion:165 Resp: 31077
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

Tgt Ion:188 Resp: 545217
Ion Ratio Lower Upper
188 100
94 15.0 10.1 15.1
80 16.7 11.8 17.6

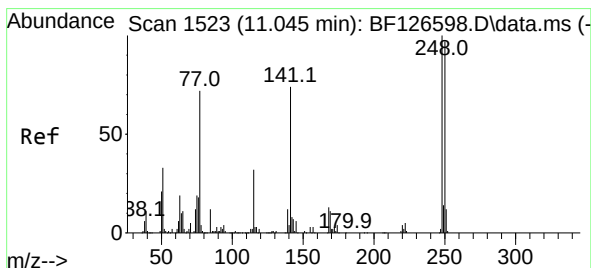
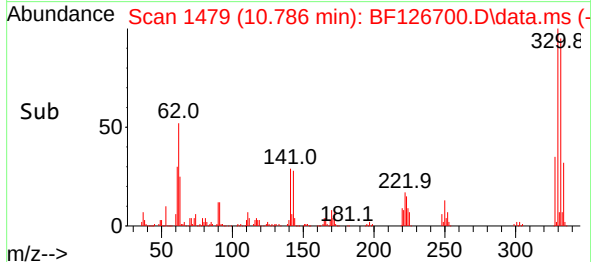
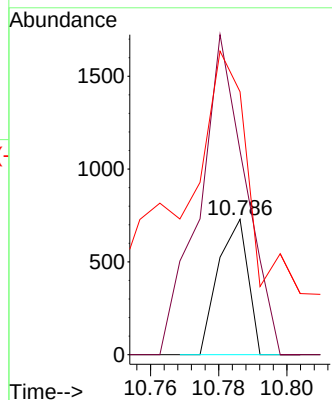
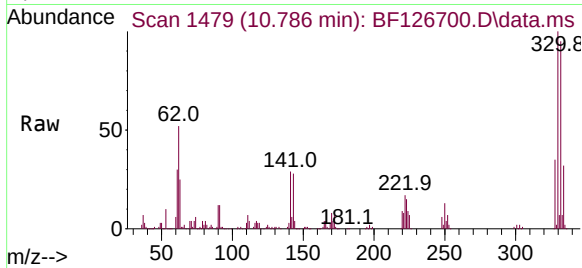




#65
4,6-Dinitro-2-methylphenol
Concen: 7.515 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

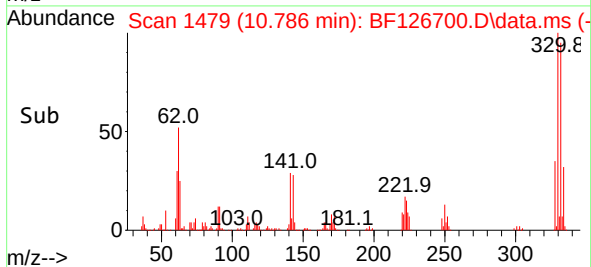
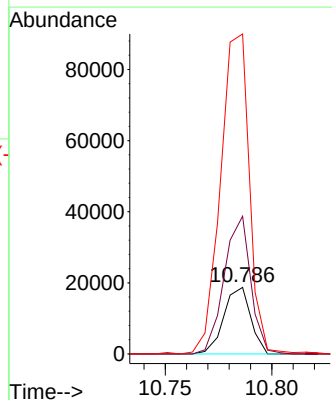
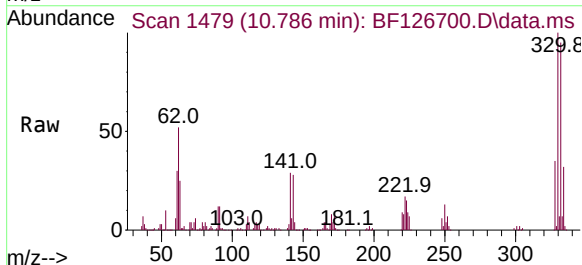
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

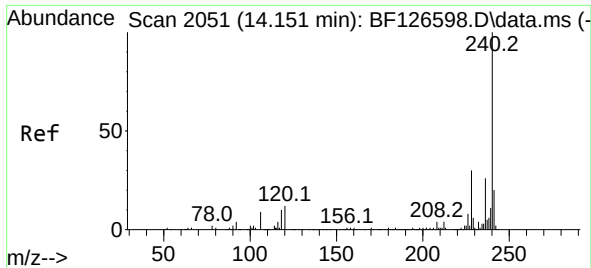
Tgt Ion:198 Resp: 442
Ion Ratio Lower Upper
198 100
51 150.6 32.0 72.0#
105 194.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.619 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

Tgt Ion:248 Resp: 16457
Ion Ratio Lower Upper
248 100
250 206.9 76.2 114.4#
141 480.5 66.2 99.4#

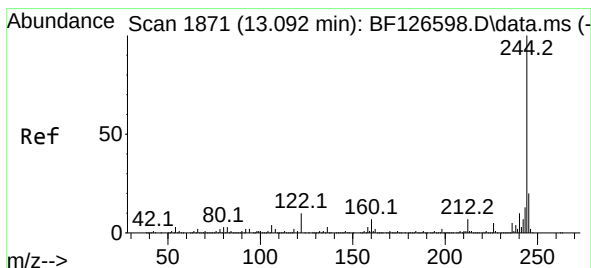
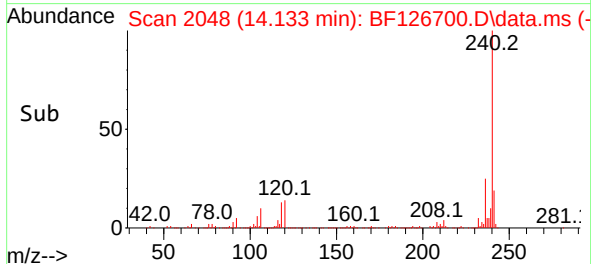
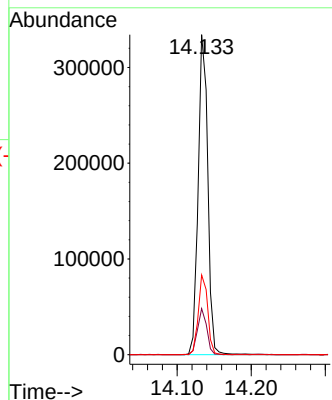
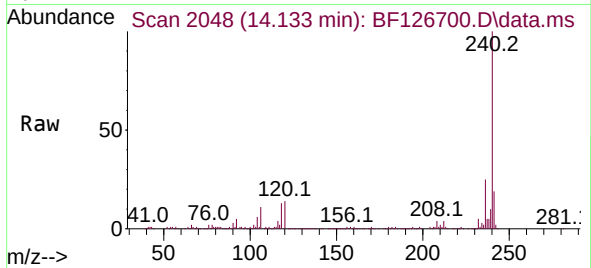




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

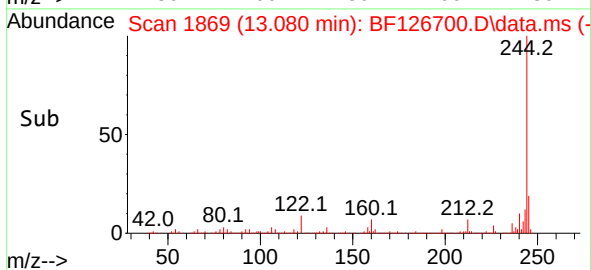
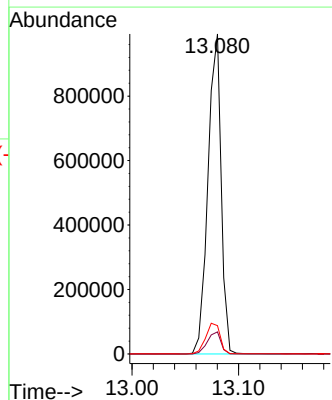
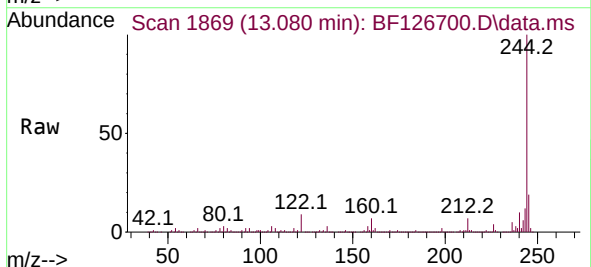
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

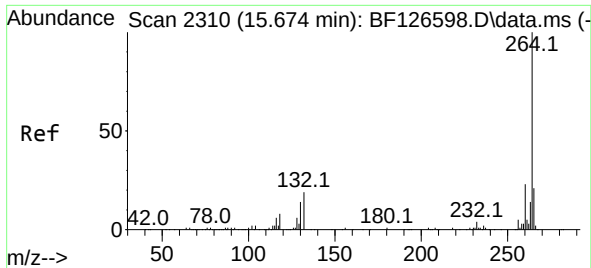
Tgt Ion:240 Resp: 299780
Ion Ratio Lower Upper
240 100
120 14.4 14.4 21.6#
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 47.924 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126700.D
Acq: 26 Jan 2022 21:24

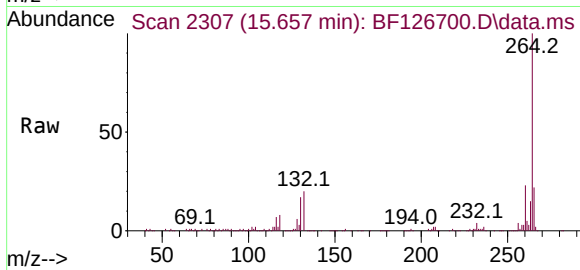
Tgt Ion:244 Resp: 856557
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 8.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126700.D
 Acq: 26 Jan 2022 21:24

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-EXT-WALL



Tgt Ion:264	Resp:	303960
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.2 28.8
265	22.1	17.4 26.2

