

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126693.D
 Acq On : 26 Jan 2022 18:18
 Operator : CG/JU
 Sample : N1267-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-EXT-WALL

Quant Time: Jan 27 03:14:11 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)

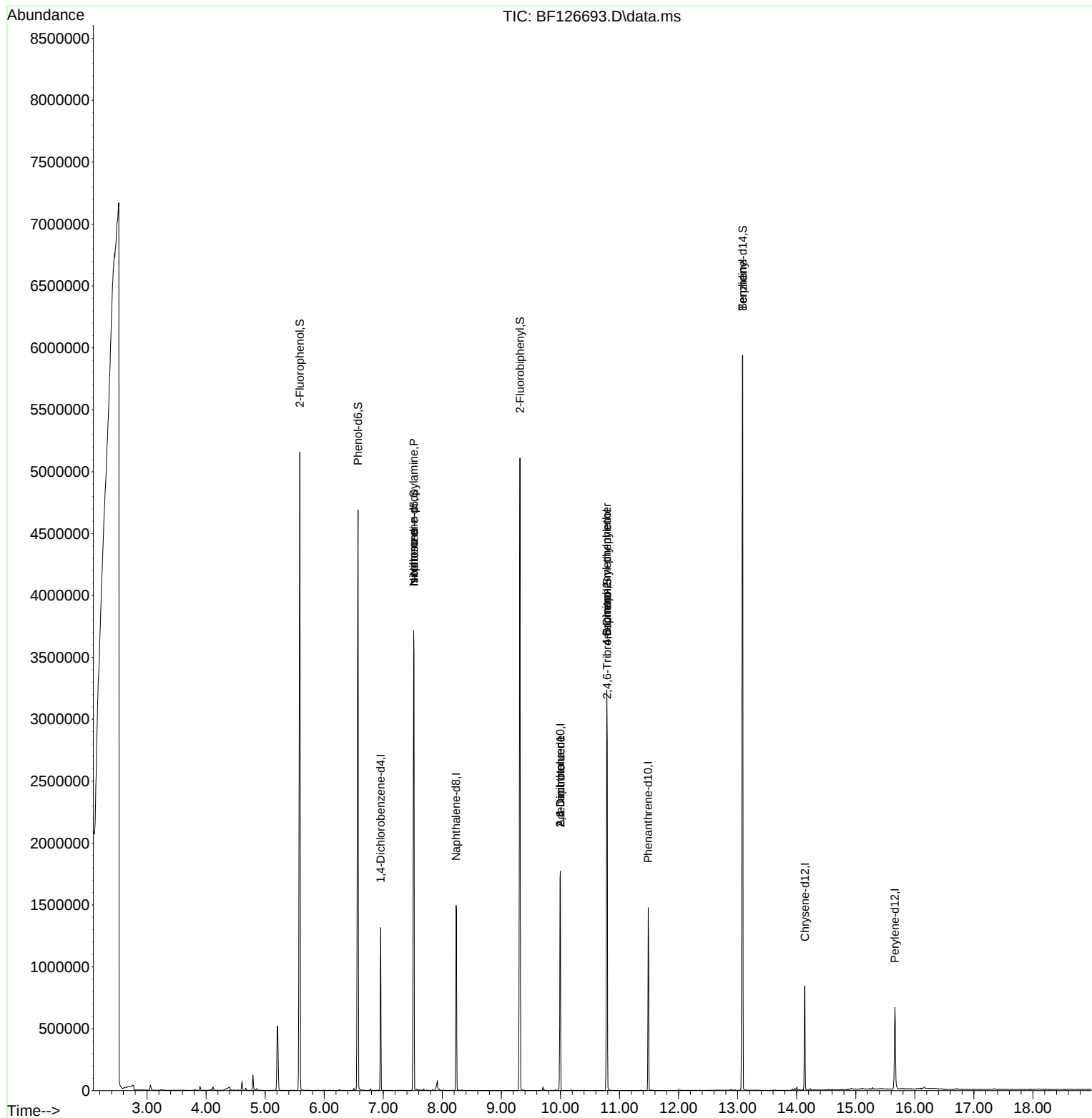
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	164570	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	674599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	358586	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	484023	20.000	ng	0.00
76) Chrysene-d12	14.139	240	293638	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	301763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1504946	120.335	ng	0.02
7) Phenol-d6	6.575	99	1870477	107.647	ng	0.00
23) Nitrobenzene-d5	7.516	82	1627777	94.446	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	387015	115.327	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1504408	64.252	ng	0.00
79) Terphenyl-d14	13.086	244	2338424	133.571	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	3334	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	217551	17.155	ng	# 69
25) Isophorone	7.516	82	1627764	48.700	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44528	10.132	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44528	8.361	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	853	7.684	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	25869	4.637	ng	# 1
77) Benzidine	13.086	184	30072	2.969	ng	99

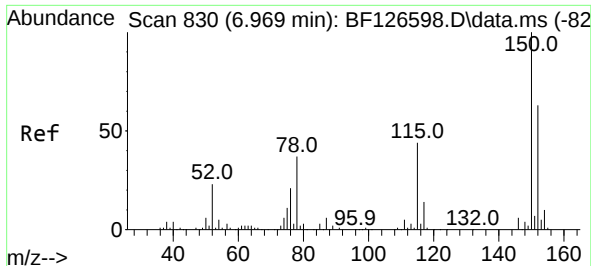
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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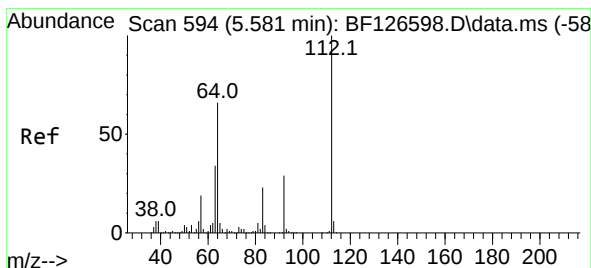
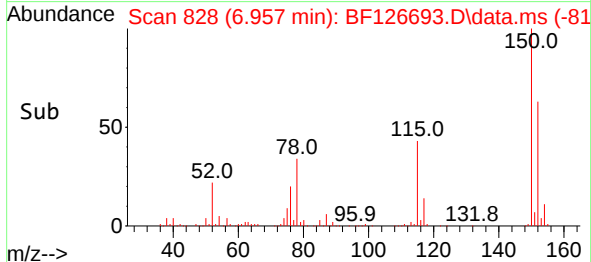
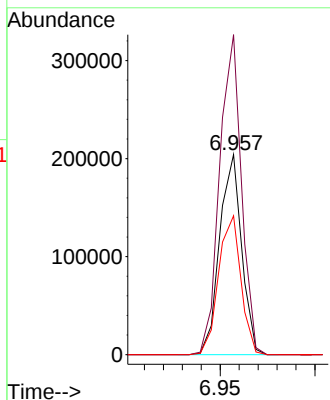
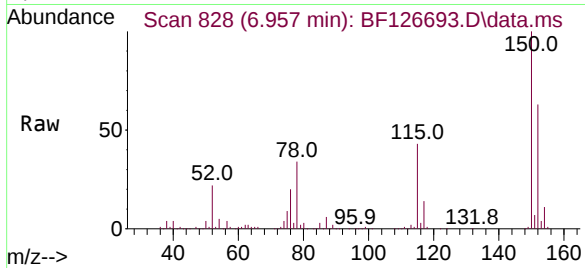




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

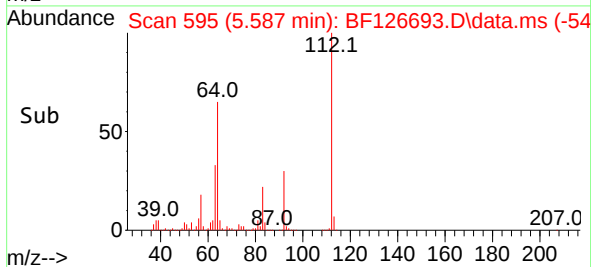
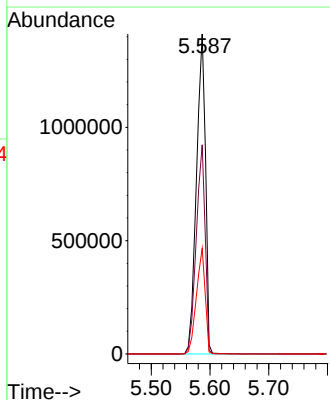
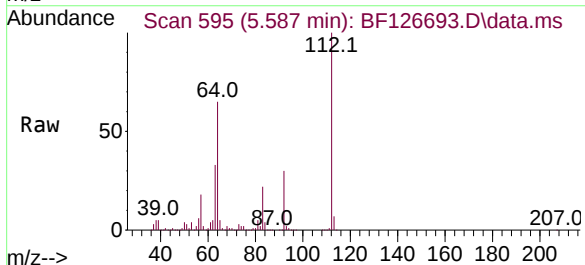
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

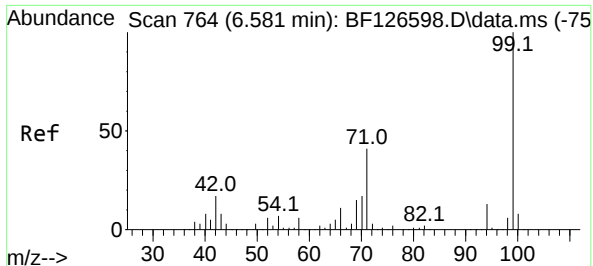
Tgt Ion:152 Resp: 164570
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 69.4 56.7 85.1



#5
2-Fluorophenol
Concen: 120.335 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Tgt Ion:112 Resp: 1504946
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 33.0 23.9 35.9





#7

Phenol-d6

Concen: 107.647 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126693.D

Acq: 26 Jan 2022 18:18

Instrument :

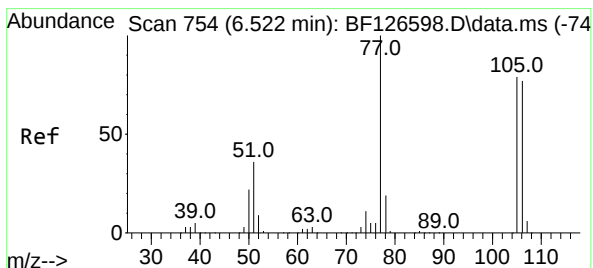
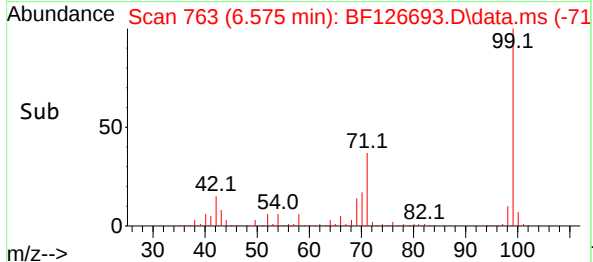
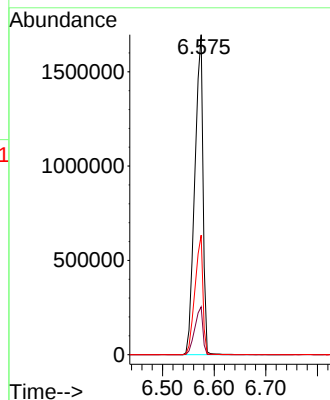
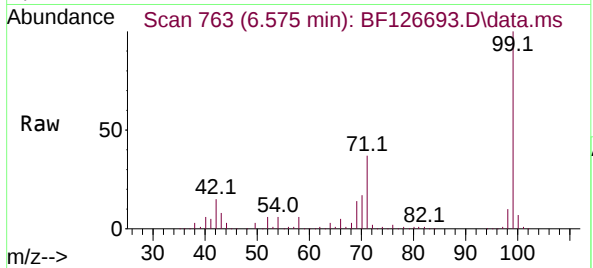
BNA_F

ClientSampleId :

GRAY-EXT-WALL

Tgt Ion: 99 Resp: 1870477

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.2	21.4
71	37.3	24.3	36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 763

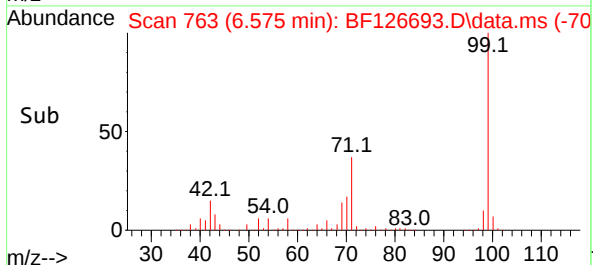
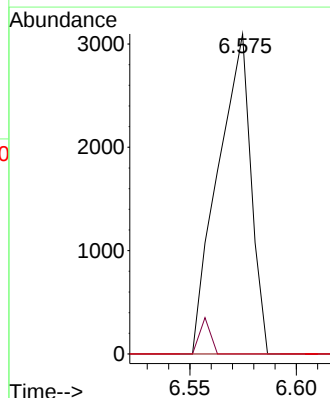
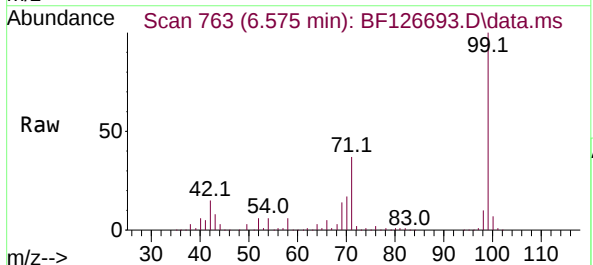
Delta R.T. 0.065 min

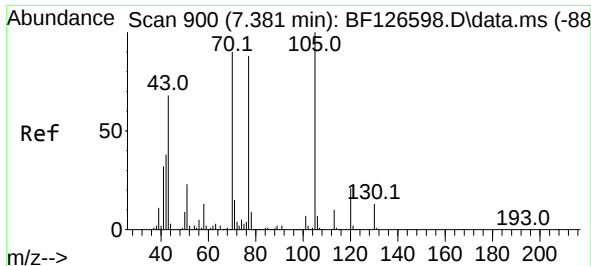
Lab File: BF126693.D

Acq: 26 Jan 2022 18:18

Tgt Ion: 77 Resp: 3334

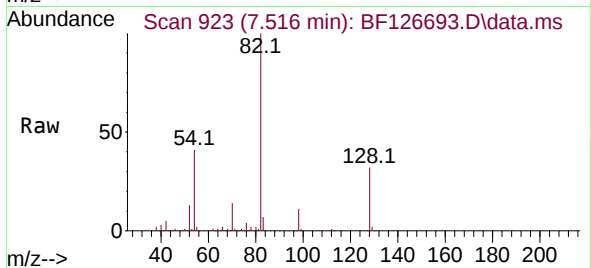
Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9#
106	0.0	72.4	112.4#



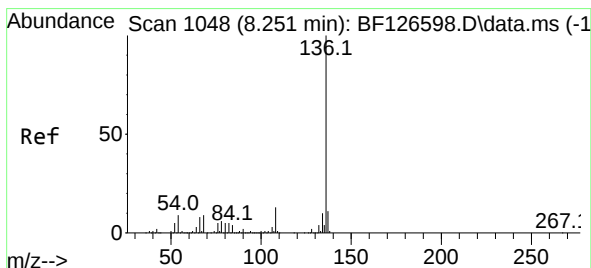
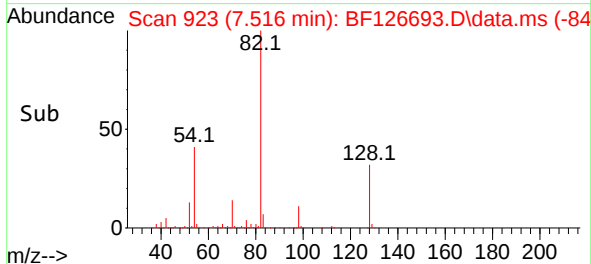
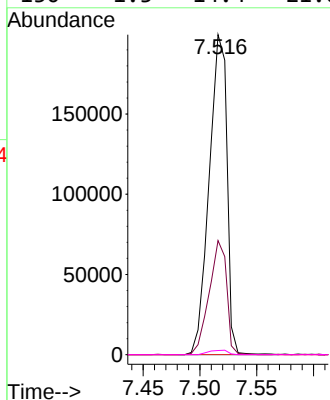


#19
n-Nitroso-di-n-propylamine
Concen: 17.155 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

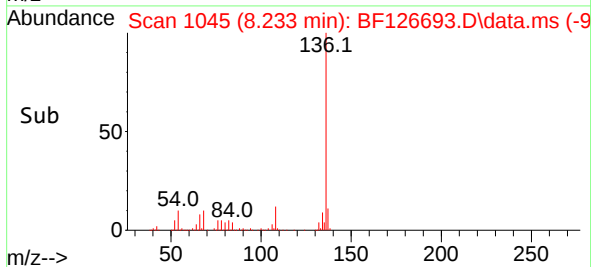
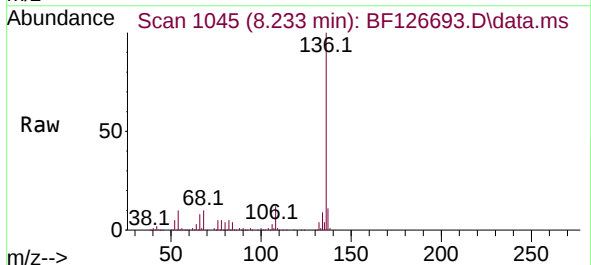
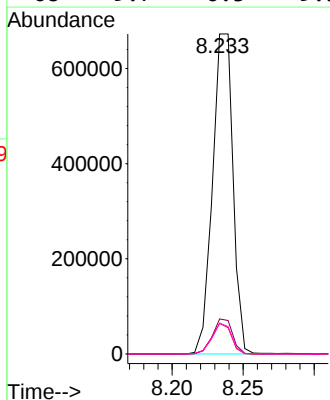


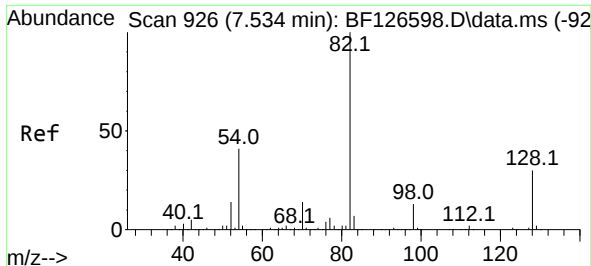
Tgt Ion: 70 Resp: 217551
Ion Ratio Lower Upper
70 100
42 35.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Tgt Ion: 136 Resp: 674599
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.8 11.6
68 9.7 6.3 9.5#

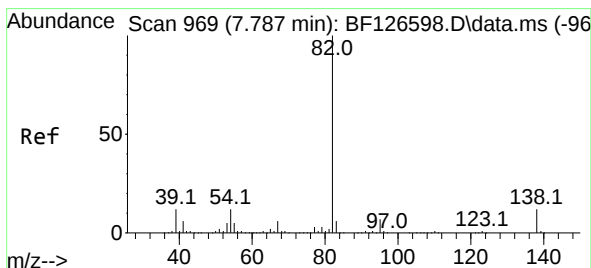
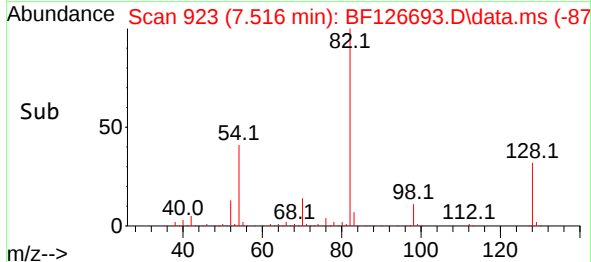
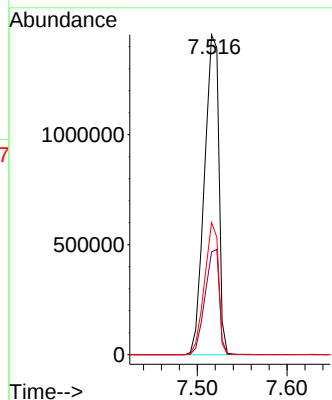
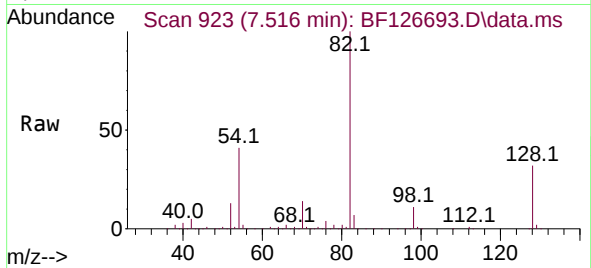




#23
Nitrobenzene-d5
Concen: 94.446 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

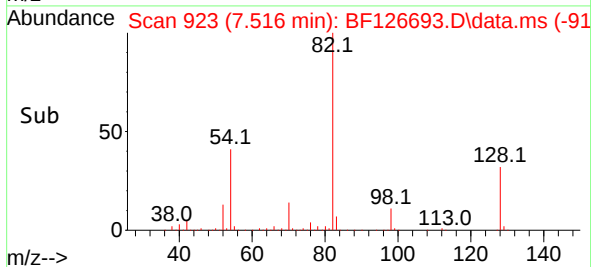
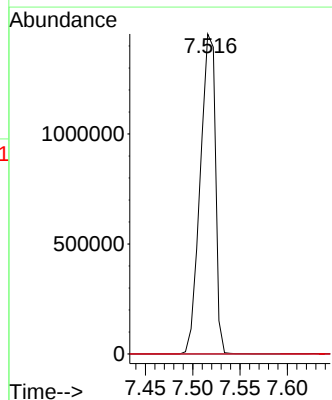
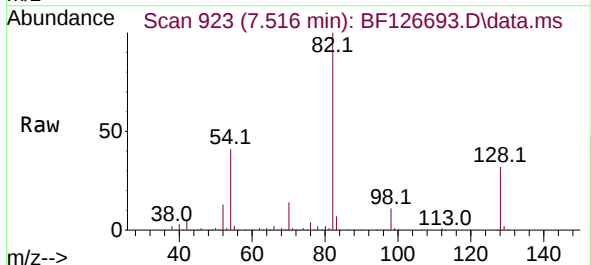
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

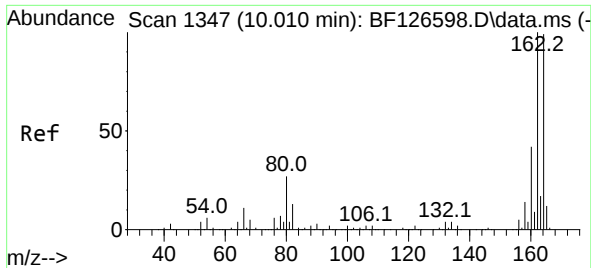
Tgt Ion: 82 Resp: 1627777
Ion Ratio Lower Upper
82 100
128 32.1 32.7 49.1#
54 41.3 41.7 62.5#



#25
Isophorone
Concen: 48.700 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Tgt Ion: 82 Resp: 1627764
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

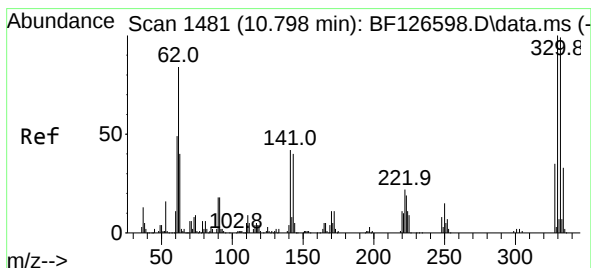
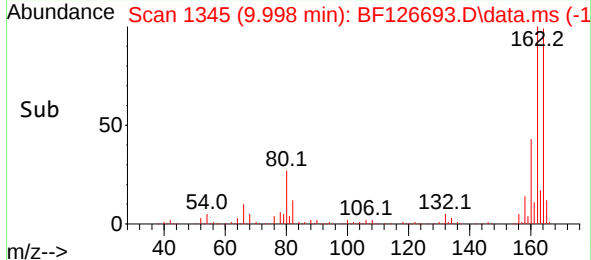
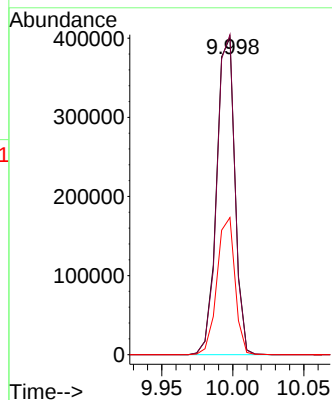
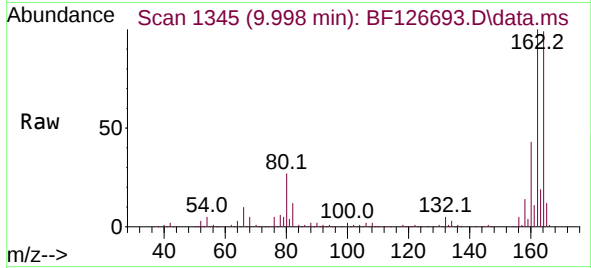




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

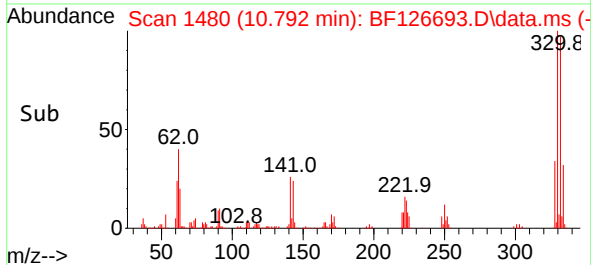
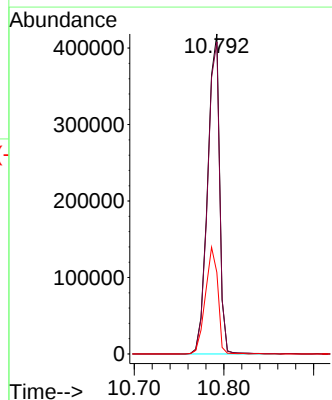
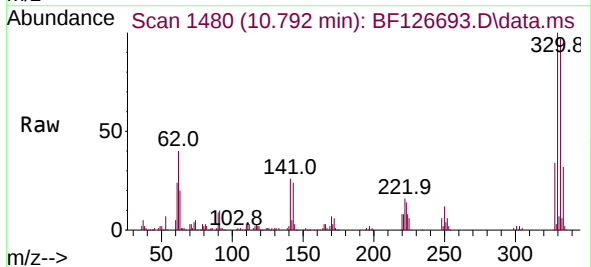
Instrument :
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ClientSampleId :
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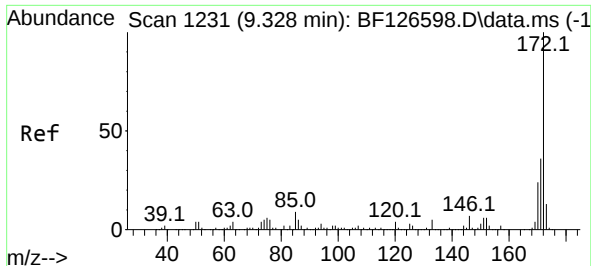
Tgt Ion:164 Resp: 358586
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 115.327 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Tgt Ion:330 Resp: 387015
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 34.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 64.252 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126693.D

Acq: 26 Jan 2022 18:18

Instrument :

BNA_F

ClientSampleId :

GRAY-EXT-WALL

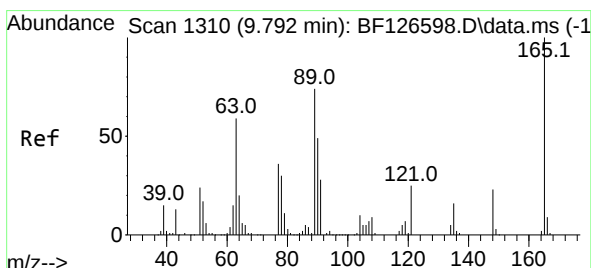
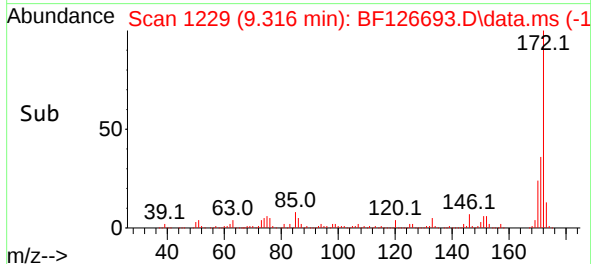
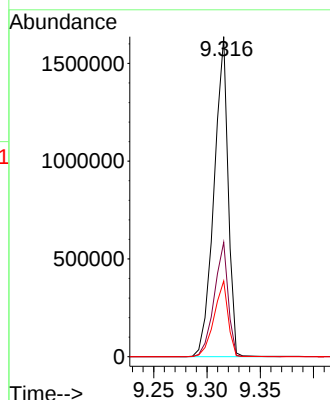
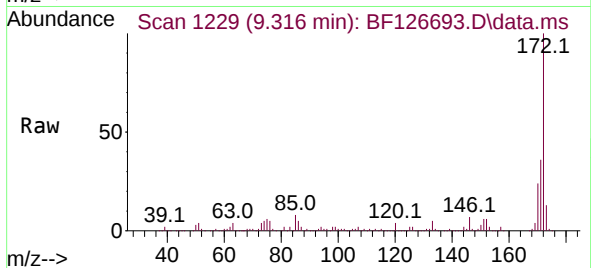
Tgt Ion:172 Resp: 1504408

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.132 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126693.D

Acq: 26 Jan 2022 18:18

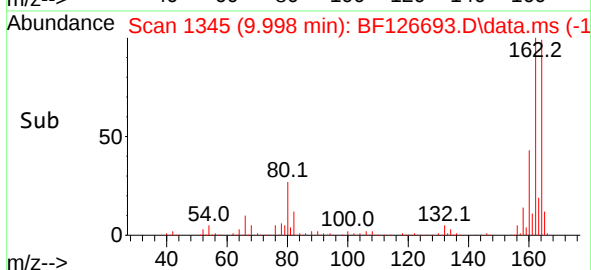
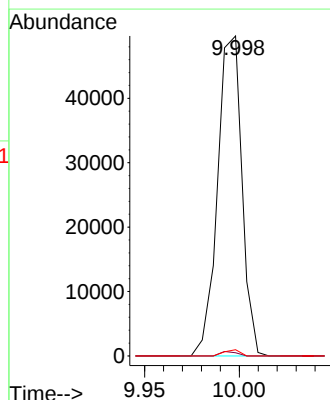
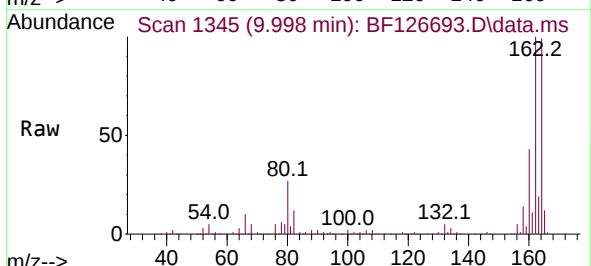
Tgt Ion:165 Resp: 44528

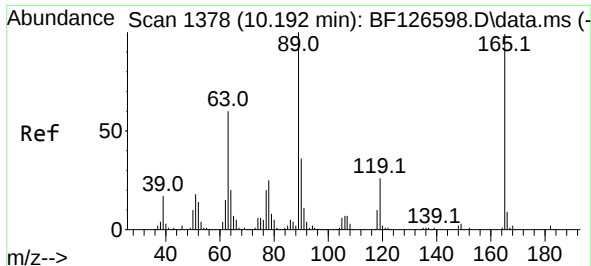
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

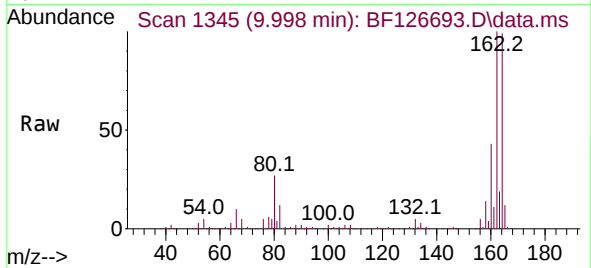
89 2.0 50.5 75.7#



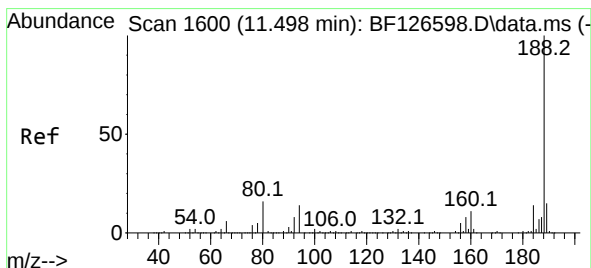
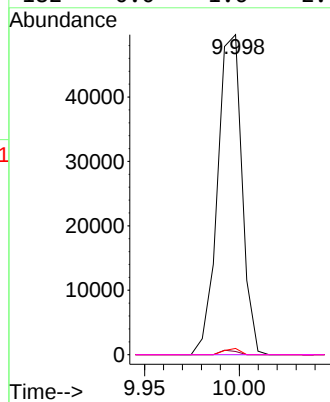
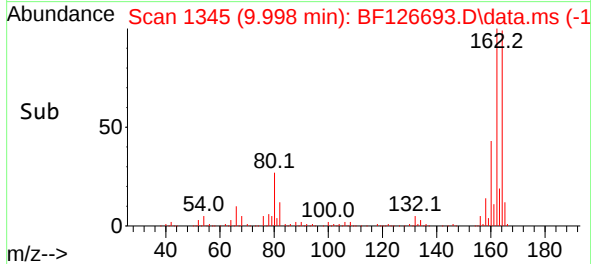


#57
2,4-Dinitrotoluene
Concen: 8.361 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

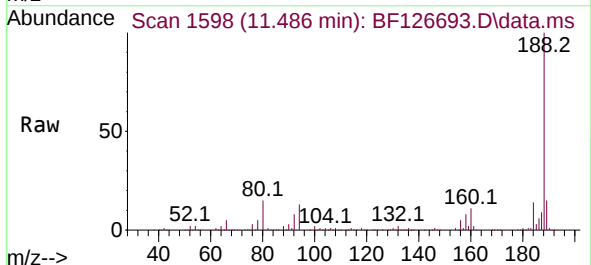
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL



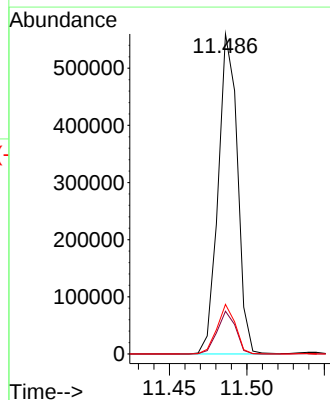
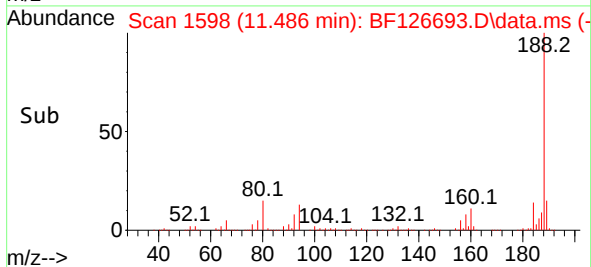
Tgt Ion:165 Resp: 44528
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#

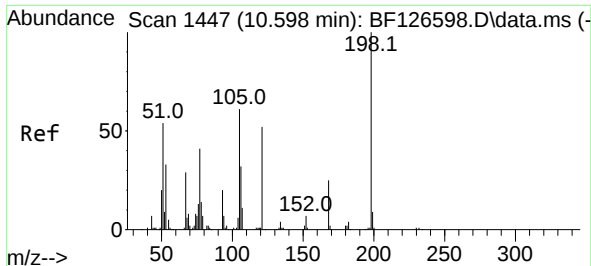


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18



Tgt Ion:188 Resp: 484023
Ion Ratio Lower Upper
188 100
94 13.4 10.1 15.1
80 15.5 11.8 17.6

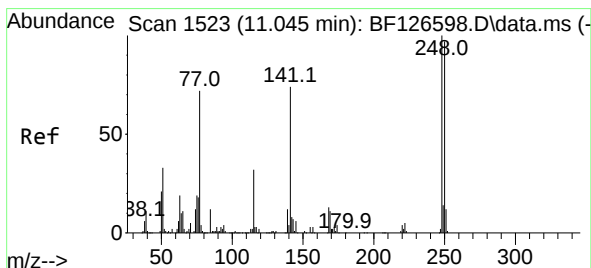
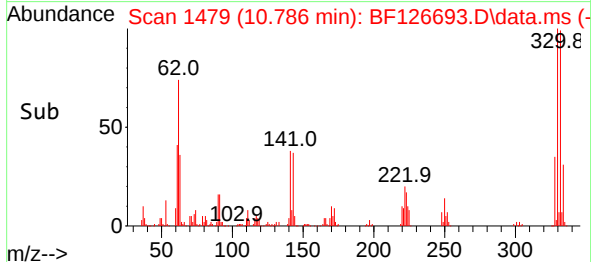
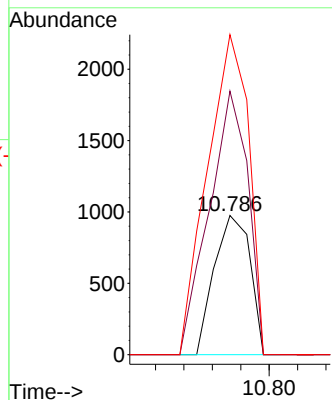
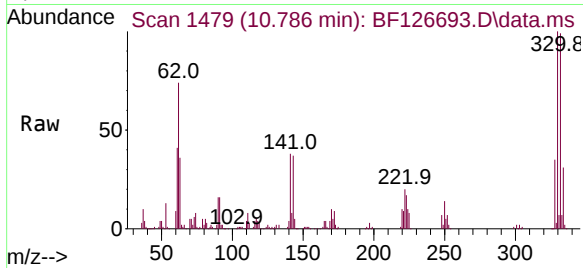




#65
4,6-Dinitro-2-methylphenol
Concen: 7.684 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

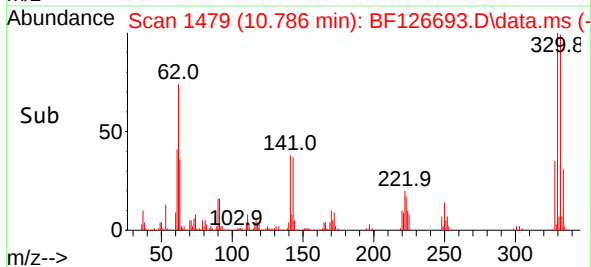
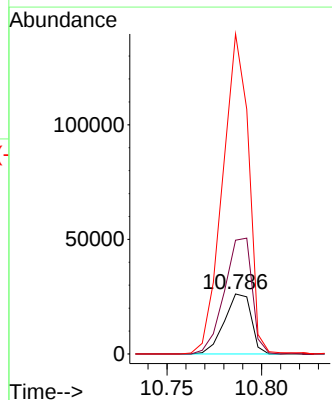
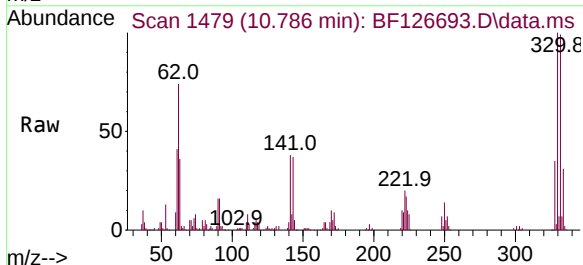
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

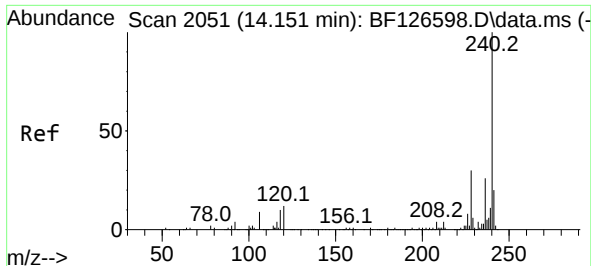
Tgt Ion:198 Resp: 853
Ion Ratio Lower Upper
198 100
51 189.1 32.0 72.0#
105 229.7 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Tgt Ion:248 Resp: 25869
Ion Ratio Lower Upper
248 100
250 189.5 76.2 114.4#
141 533.0 66.2 99.4#

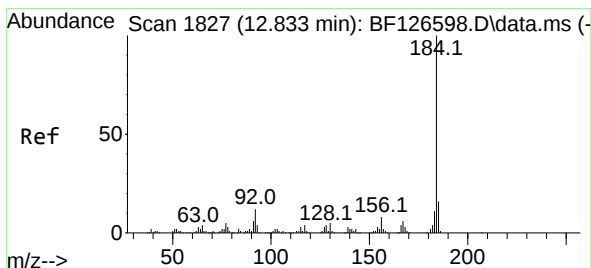
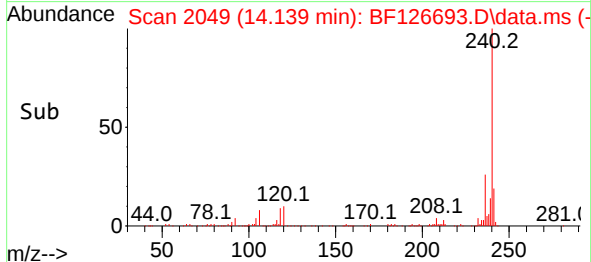
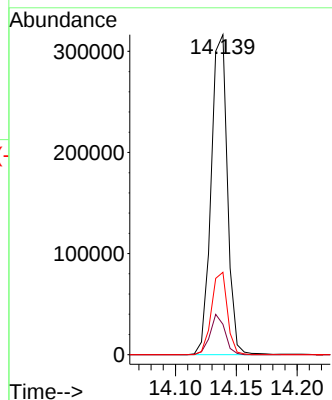
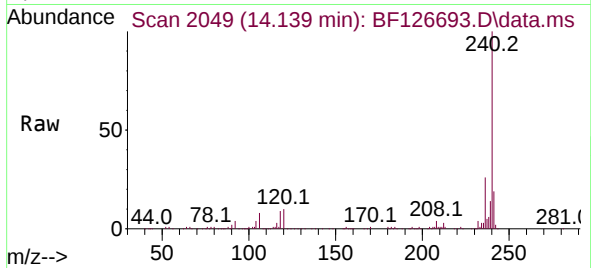




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

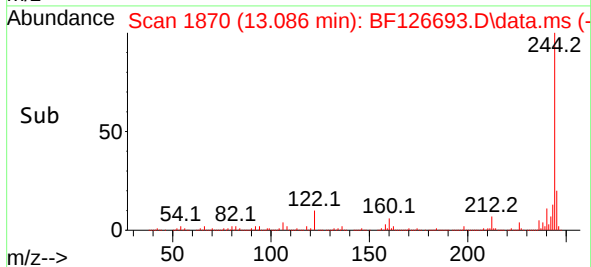
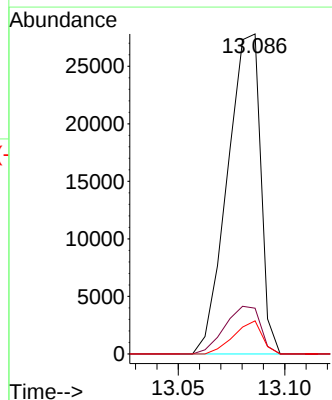
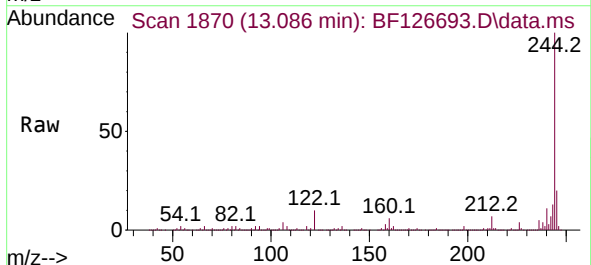
Instrument :
BNA_F
ClientSampleId :
GRAY-EXT-WALL

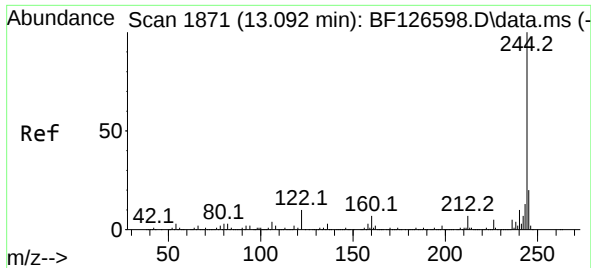
Tgt Ion:240 Resp: 293638
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6#
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.969 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.259 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Tgt Ion:184 Resp: 30072
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 10.3 8.2 12.2

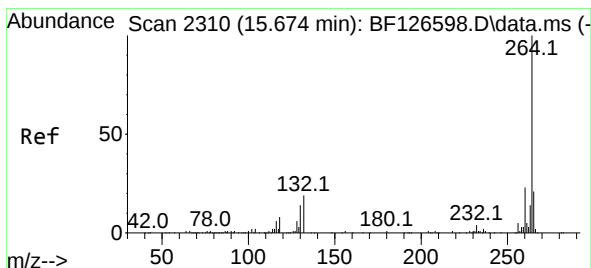
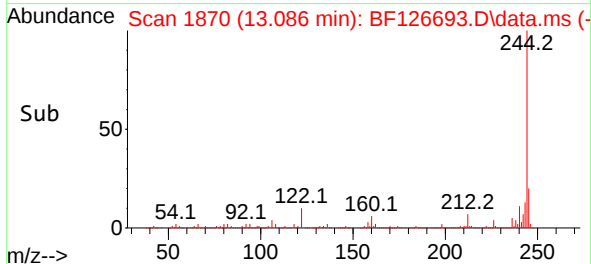
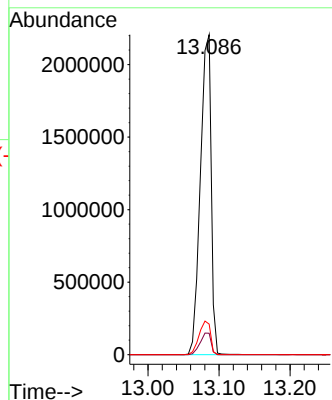
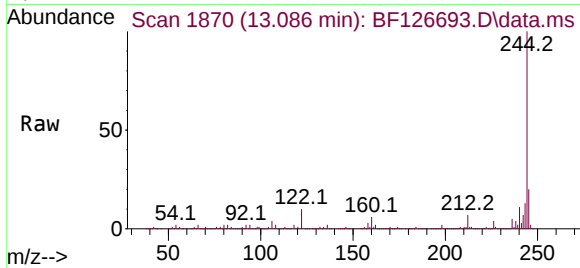




#79
 Terphenyl-d14
 Concen: 133.571 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126693.D
 Acq: 26 Jan 2022 18:18

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-EXT-WALL

Tgt Ion:244 Resp: 2338424
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. -0.000 min
 Lab File: BF126693.D
 Acq: 26 Jan 2022 18:18

Tgt Ion:264 Resp: 301763
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 17.4 26.2

