

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126692.D
 Acq On : 26 Jan 2022 17:51
 Operator : CG/JU
 Sample : N1267-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-EXT-WALL

Quant Time: Jan 27 03:14:01 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)

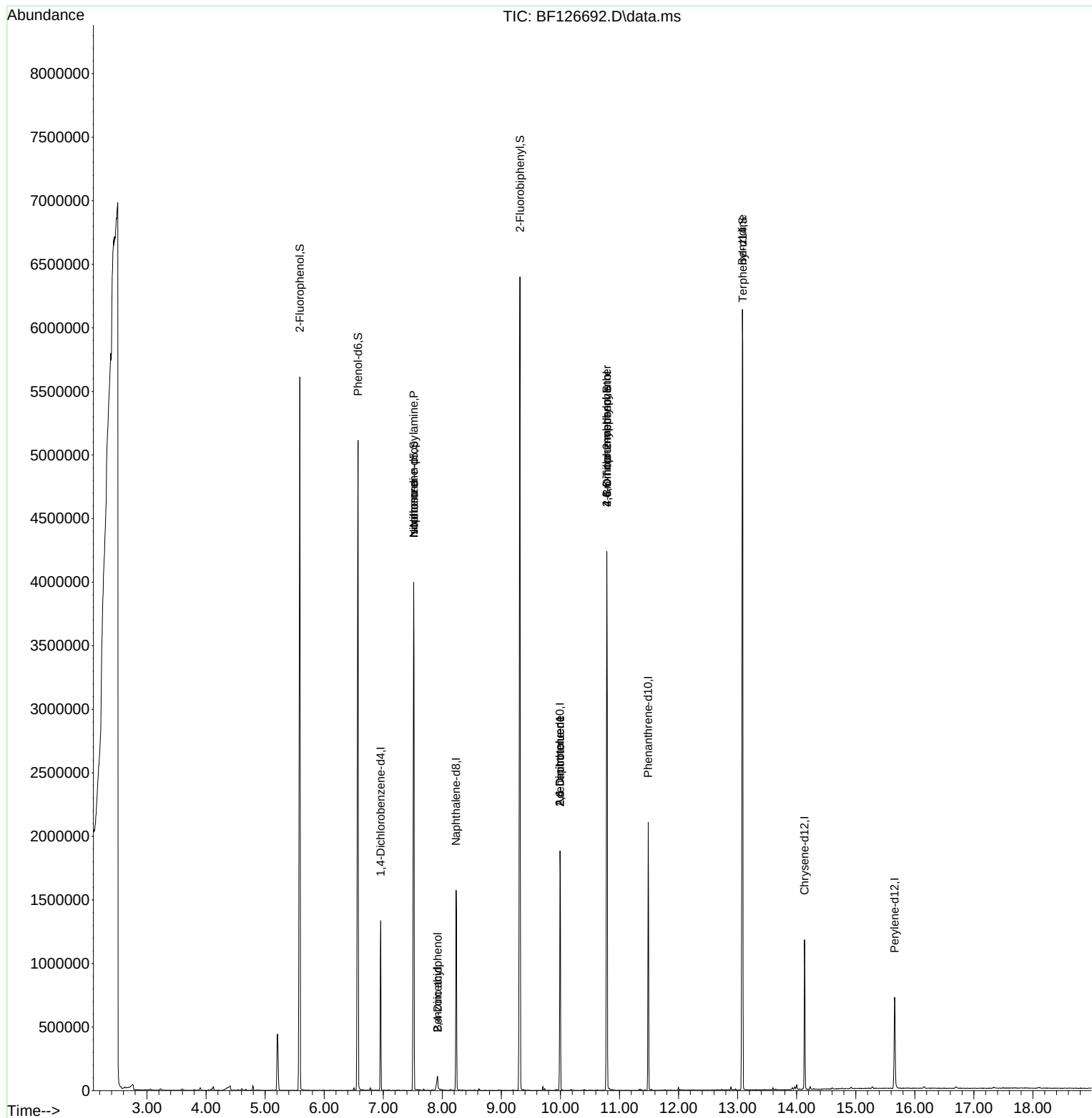
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	170579	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	676813	20.000	ng	# 0.00
39) Acenaphthene-d10	9.992	164	370729	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	631360	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	375844	20.000	ng	-0.01
86) Perylene-d12	15.657	264	323261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1631985	125.896	ng	0.02
7) Phenol-d6	6.575	99	2040803	113.312	ng	0.00
23) Nitrobenzene-d5	7.516	82	1693973	97.965	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	515035	148.449	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2062804	85.215	ng	0.00
79) Terphenyl-d14	13.086	244	2404849	107.320	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	141	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.516	70	227963	17.342	ng	# 68
25) Isophorone	7.516	82	1690892	50.423	ng	# 69
27) 2,4-Dimethylphenol	7.922	122	34794	3.149	ng	# 4
32) Benzoic acid	7.922	122	34794	5.551	ng	# 74
51) 2,6-Dinitrotoluene	9.992	165	46684	10.275	ng	# 22
57) 2,4-Dinitrotoluene	9.992	165	46684	8.479	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.786	198	1246	7.721	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	32748	4.501	ng	# 1
77) Benzidine	13.080	184	31037	2.394	ng	94

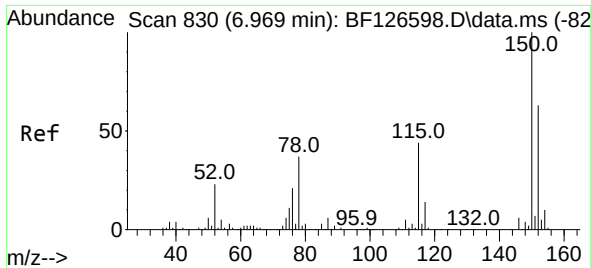
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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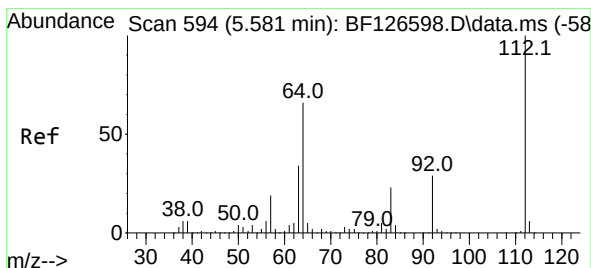
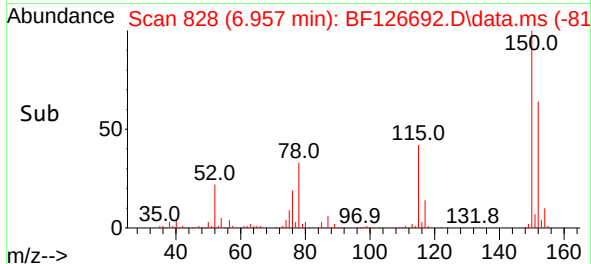
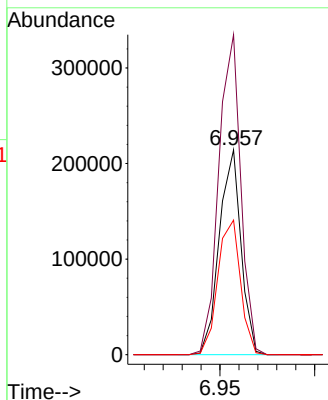
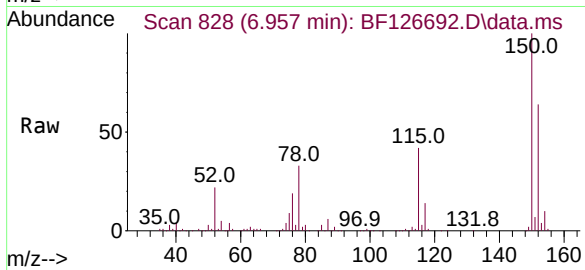




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

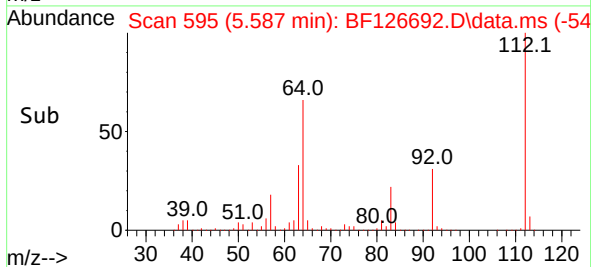
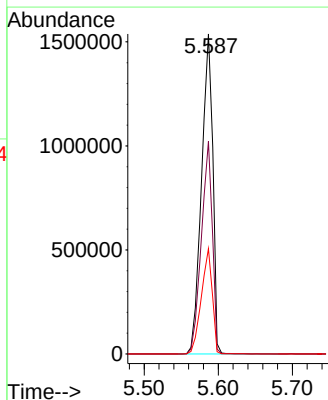
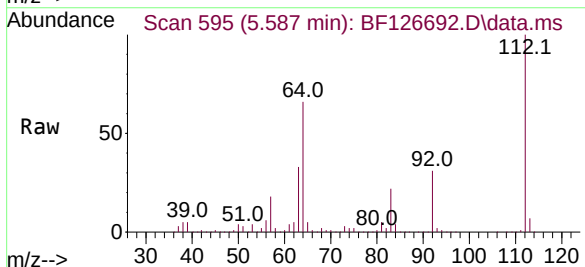
Instrument :
BNA_F
ClientSampleId :
RED-EXT-WALL

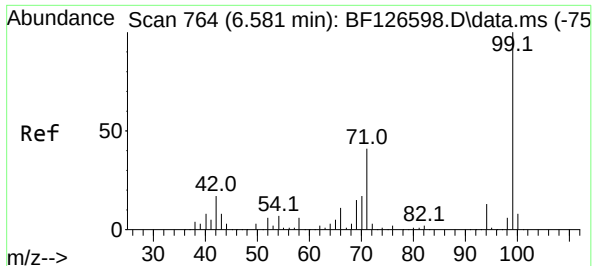
Tgt Ion:152 Resp: 170579
Ion Ratio Lower Upper
152 100
150 156.3 128.1 192.1
115 65.7 56.7 85.1



#5
2-Fluorophenol
Concen: 125.896 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion:112 Resp: 1631985
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 32.9 23.9 35.9

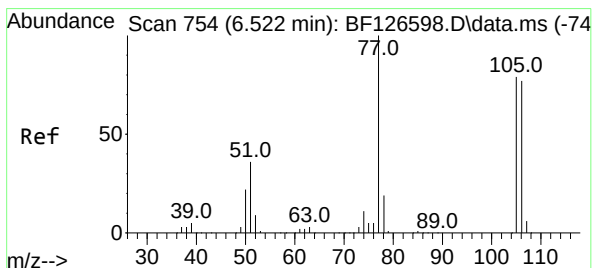
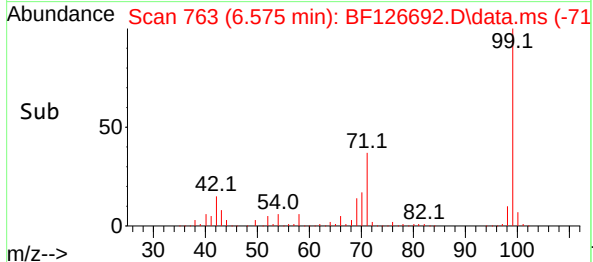
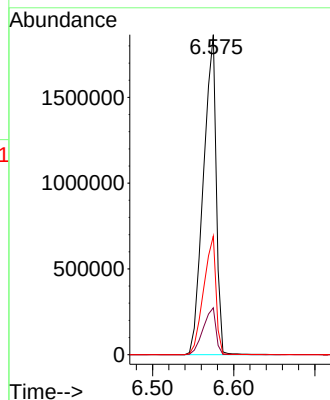
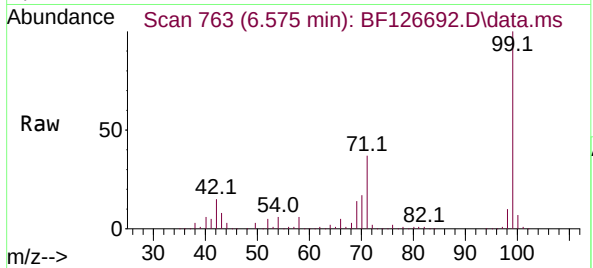




#7
Phenol-d6
Concen: 113.312 ng
RT: 6.575 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

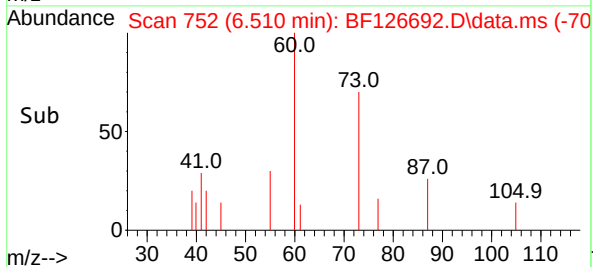
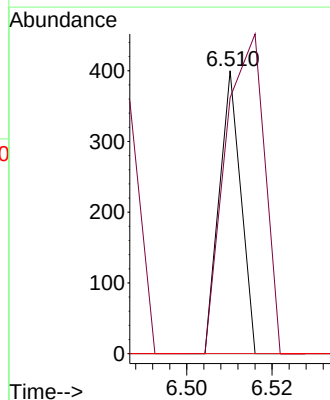
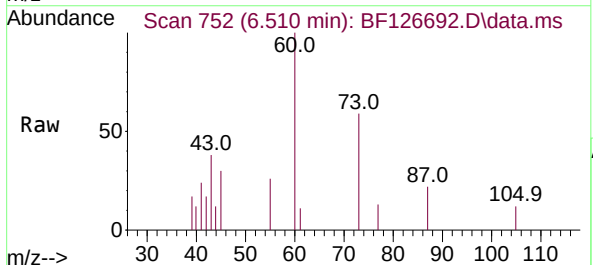
Instrument :
BNA_F
ClientSampleId :
RED-EXT-WALL

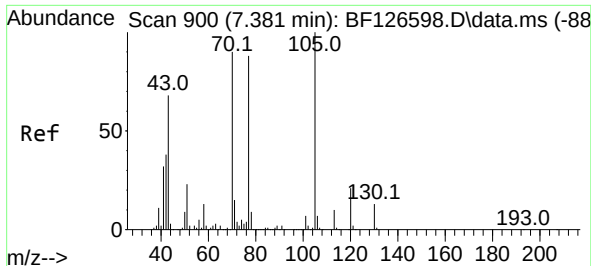
Tgt Ion: 99 Resp: 2040803
Ion Ratio Lower Upper
99 100
42 14.7 14.2 21.4
71 37.1 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion: 77 Resp: 141
Ion Ratio Lower Upper
77 100
105 90.5 74.9 114.9
106 0.0 72.4 112.4#





#19

n-Nitroso-di-n-propylamine

Concen: 17.342 ng

RT: 7.516 min Scan# 91

Delta R.T. 0.147 min

Lab File: BF126692.D

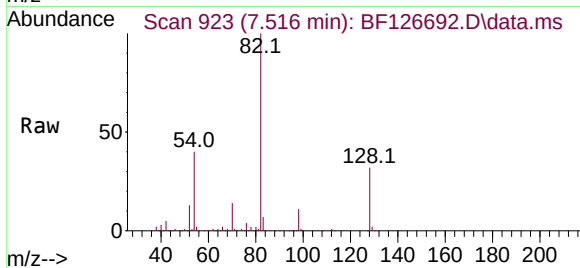
Acq: 26 Jan 2022 17:51

Instrument :

BNA_F

ClientSampleId :

RED-EXT-WALL



Tgt Ion: 70 Resp: 227963

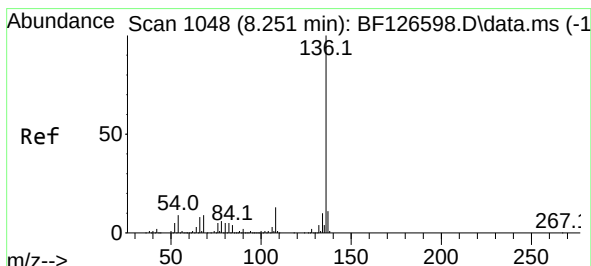
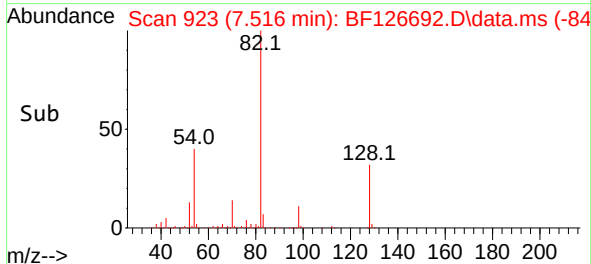
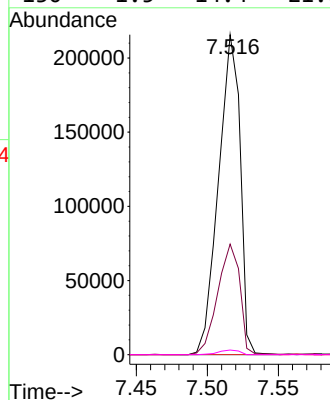
Ion Ratio Lower Upper

70 100

42 34.6 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: 8.234 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF126692.D

Acq: 26 Jan 2022 17:51

Tgt Ion: 136 Resp: 676813

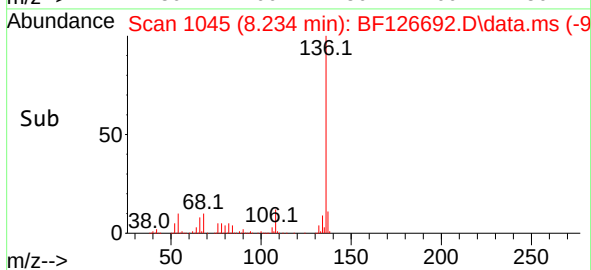
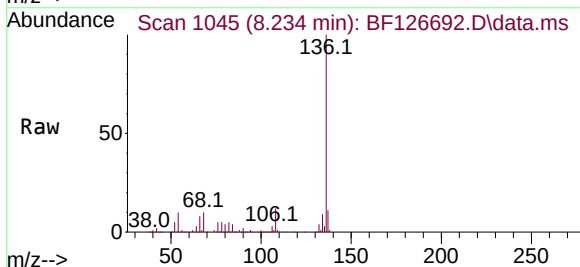
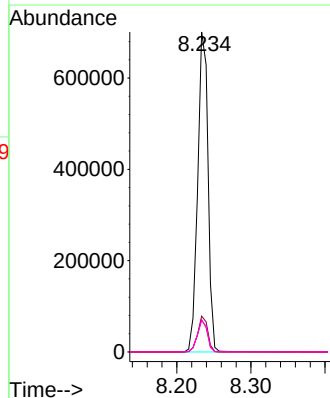
Ion Ratio Lower Upper

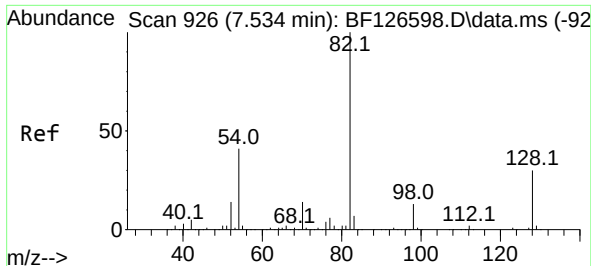
136 100

137 11.2 8.6 13.0

54 10.0 7.8 11.6

68 9.9 6.3 9.5#

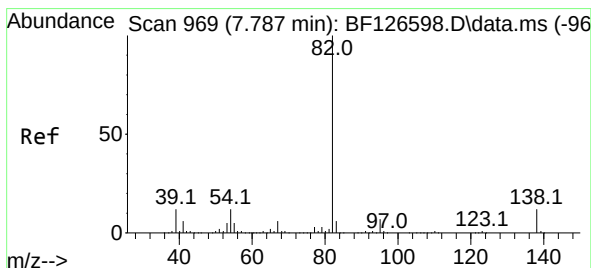
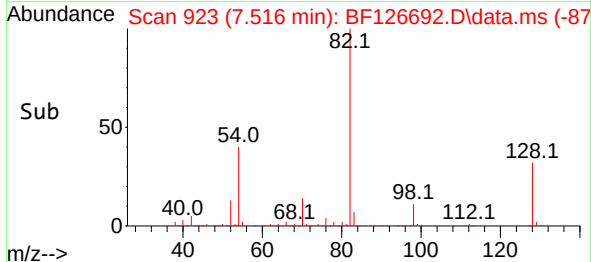
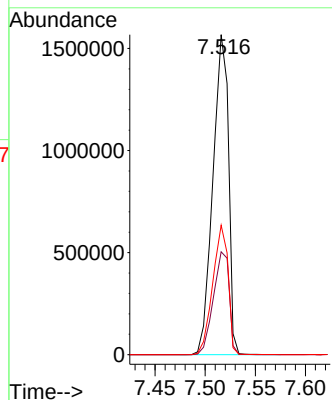
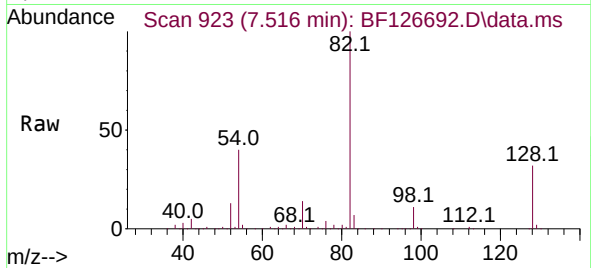




#23
Nitrobenzene-d5
Concen: 97.965 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

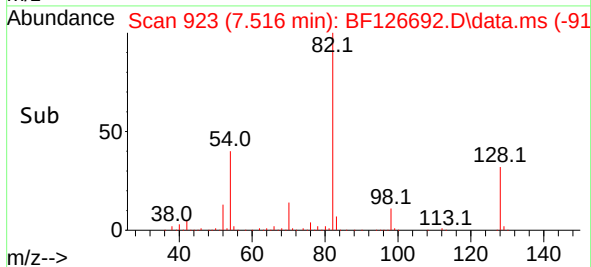
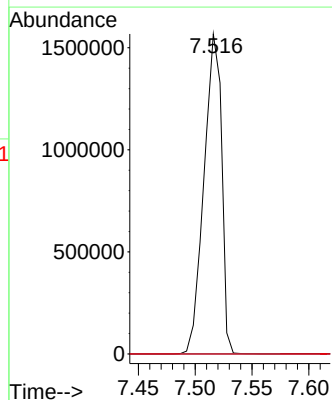
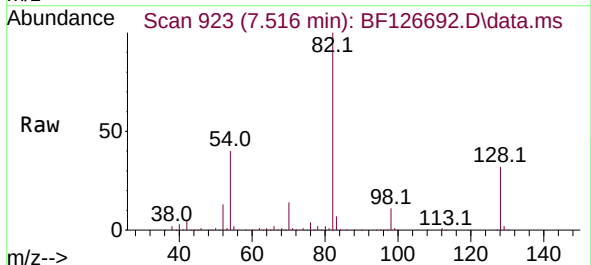
Instrument :
BNA_F
ClientSampleId :
RED-EXT-WALL

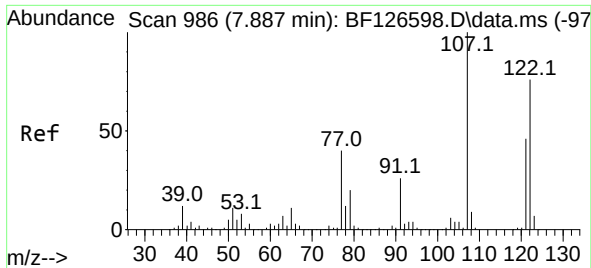
Tgt Ion: 82 Resp: 1693973
Ion Ratio Lower Upper
82 100
128 32.2 32.7 49.1#
54 40.5 41.7 62.5#



#25
Isophorone
Concen: 50.423 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion: 82 Resp: 1690892
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 3.149 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.041 min

Lab File: BF126692.D

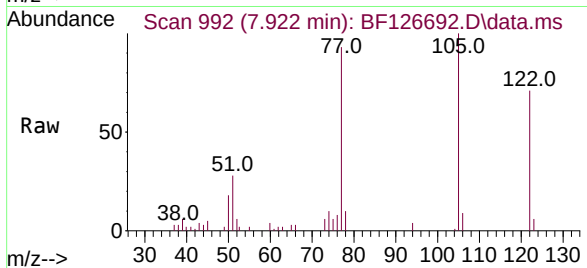
Acq: 26 Jan 2022 17:51

Instrument :

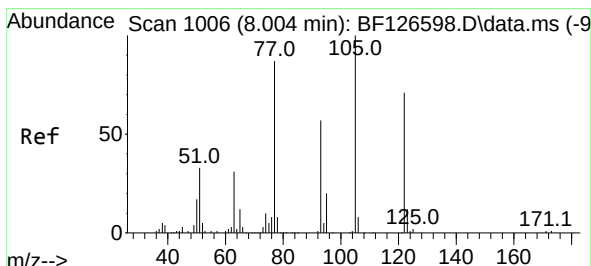
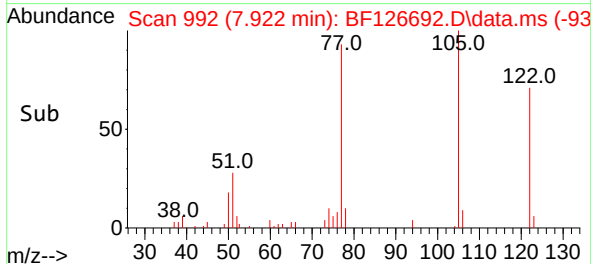
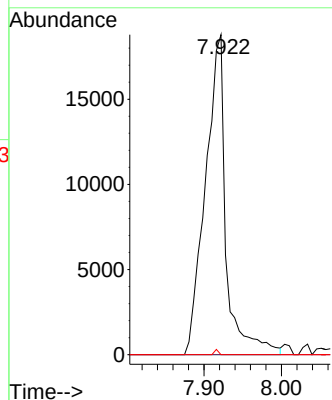
BNA_F

ClientSampleId :

RED-EXT-WALL



Tgt Ion:122	Resp:	34794
Ion	Ratio	Lower Upper
122	100	
107	0.0	91.2 136.8#
121	0.0	44.4 66.6#



#32

Benzoic acid

Concen: 5.551 ng

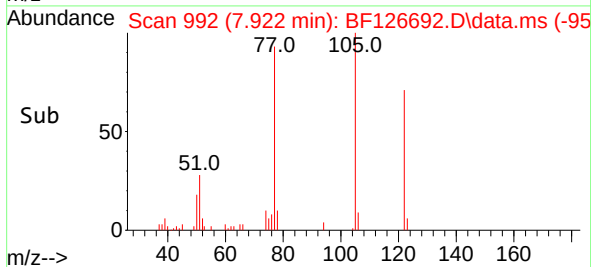
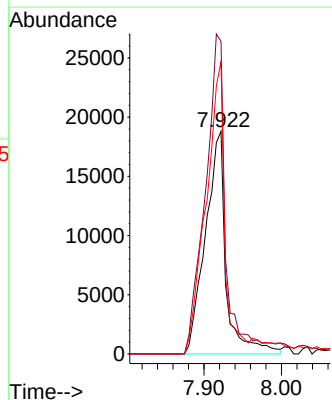
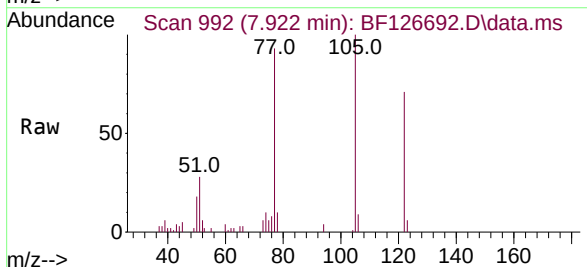
RT: 7.922 min Scan# 992

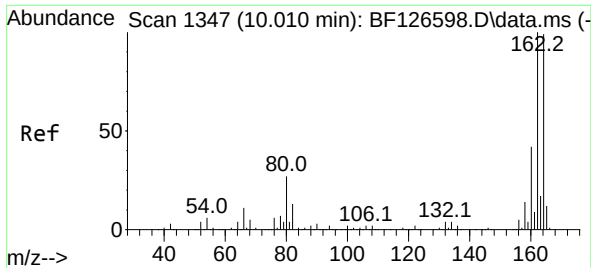
Delta R.T. -0.071 min

Lab File: BF126692.D

Acq: 26 Jan 2022 17:51

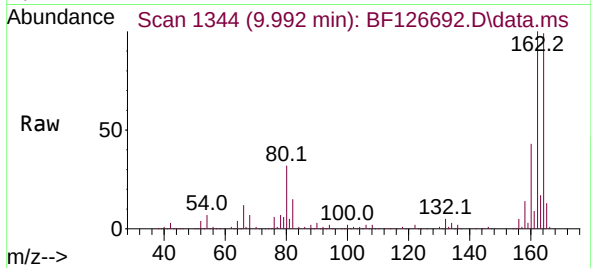
Tgt Ion:122	Resp:	34794
Ion	Ratio	Lower Upper
122	100	
105	140.5	101.0 141.0
77	131.3	74.5 114.5#



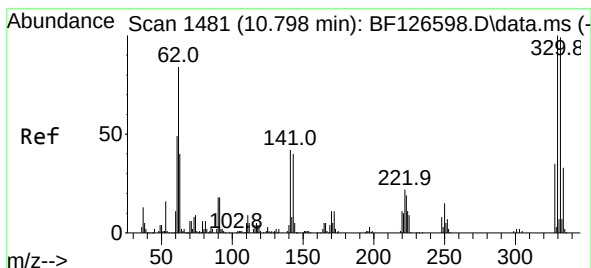
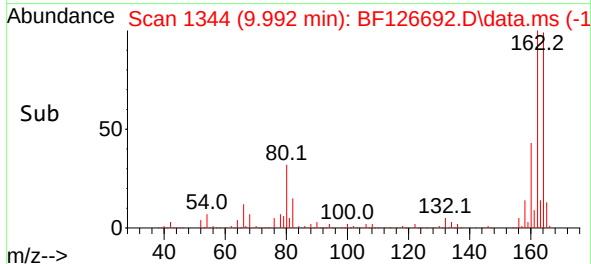
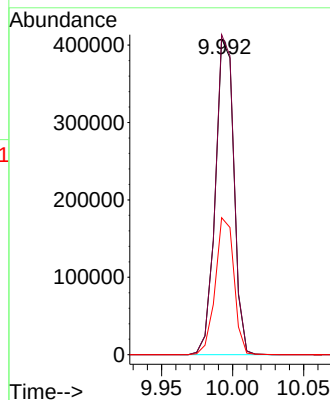


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Instrument :
BNA_F
ClientSampleId :
RED-EXT-WALL

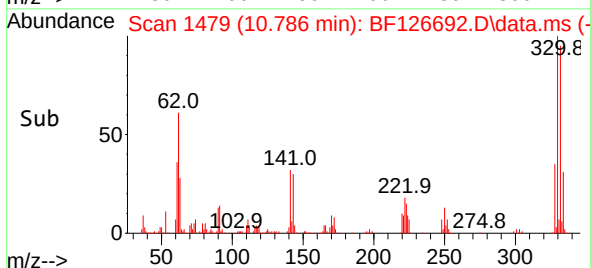
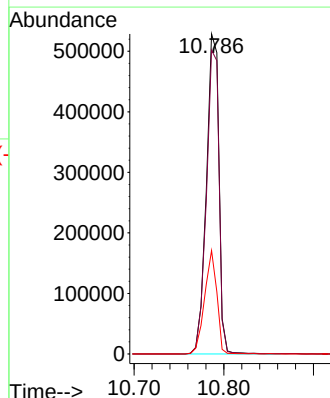
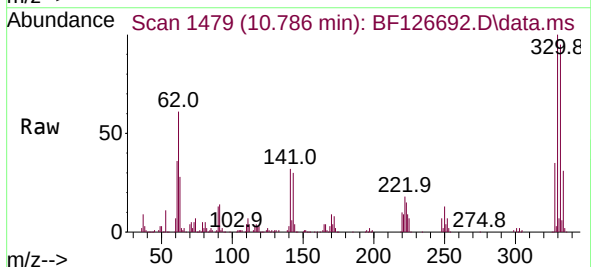


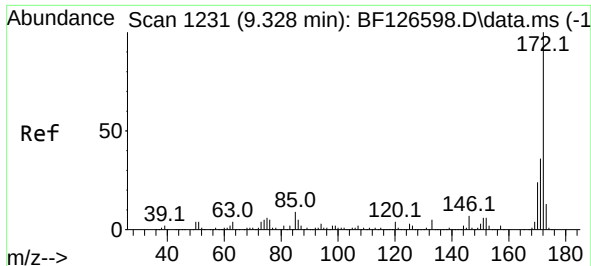
Tgt Ion:164 Resp: 370729
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 148.449 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion:330 Resp: 515035
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 31.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 85.215 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126692.D

Acq: 26 Jan 2022 17:51

Instrument :

BNA_F

ClientSampleId :

RED-EXT-WALL

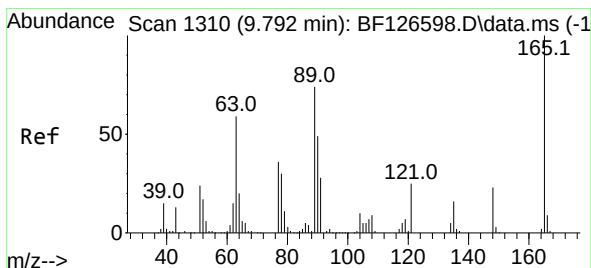
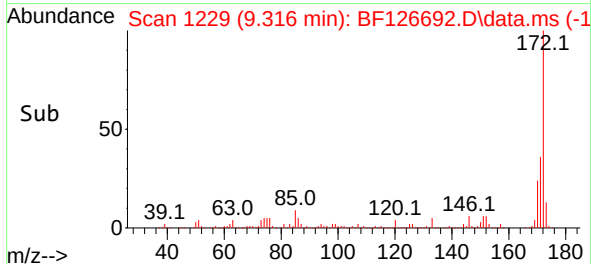
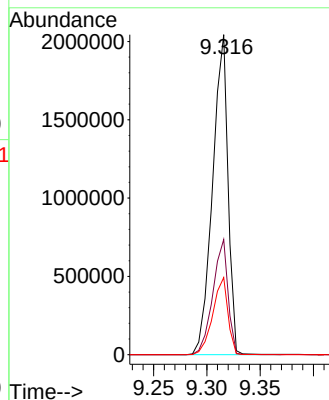
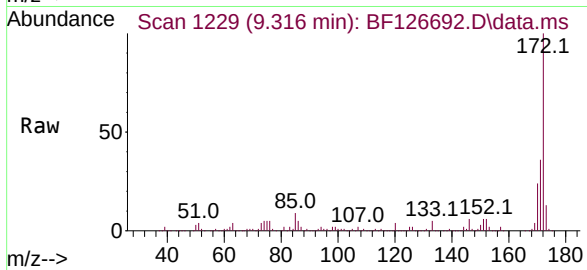
Tgt Ion:172 Resp: 2062804

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 24.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.275 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.212 min

Lab File: BF126692.D

Acq: 26 Jan 2022 17:51

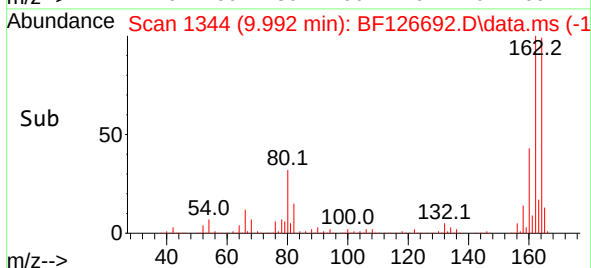
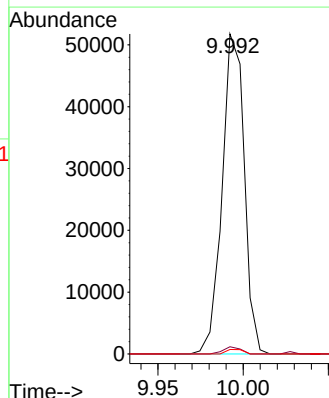
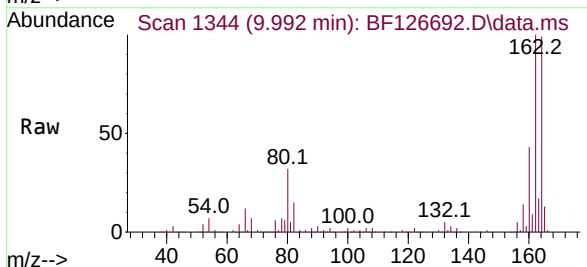
Tgt Ion:165 Resp: 46684

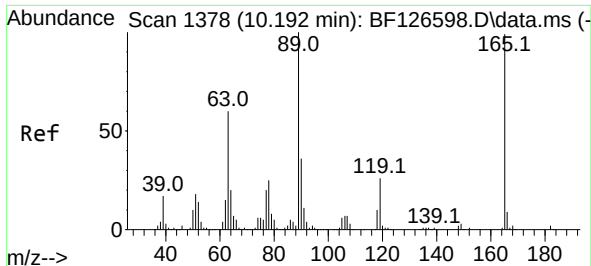
Ion Ratio Lower Upper

165 100

63 2.3 48.4 72.6#

89 1.4 50.5 75.7#

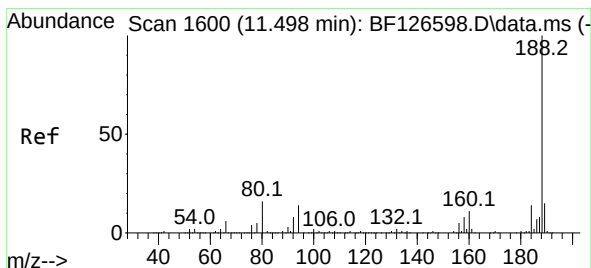
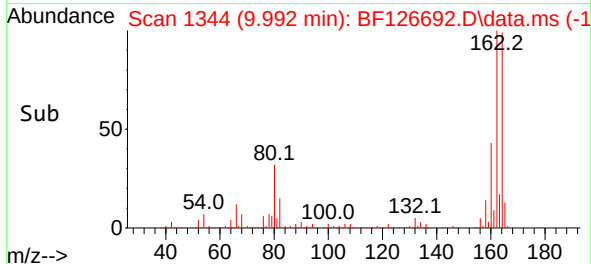
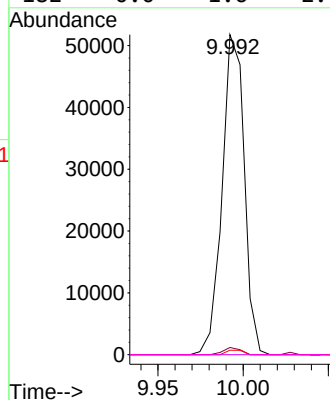
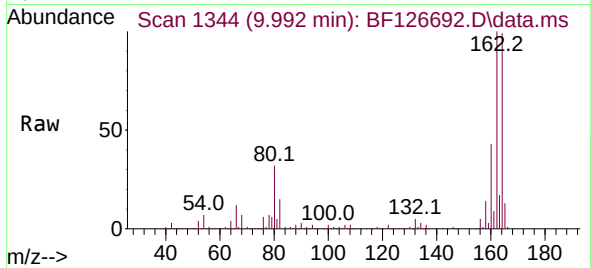




#57
2,4-Dinitrotoluene
Concen: 8.479 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

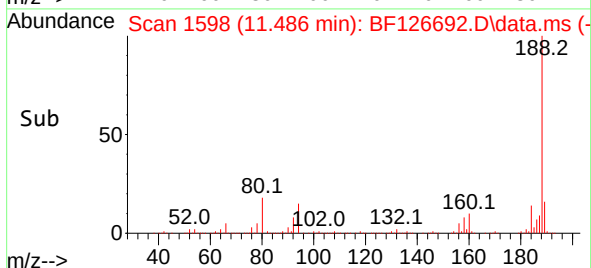
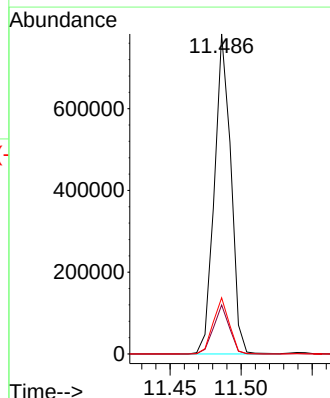
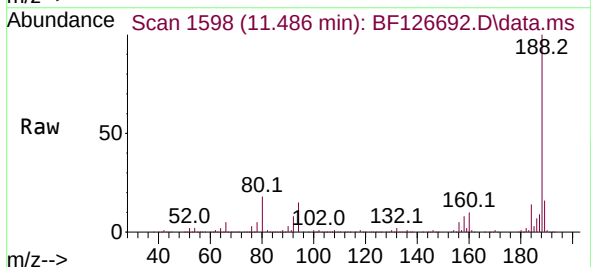
Instrument :
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ClientSampleId :
RED-EXT-WALL

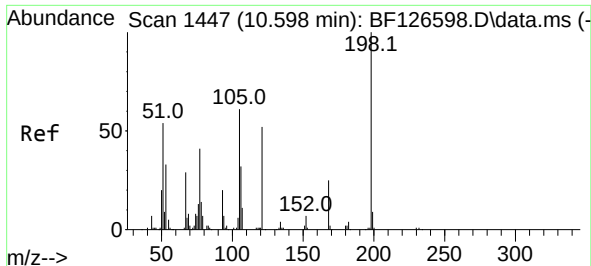
Tgt Ion:165 Resp: 46684
Ion Ratio Lower Upper
165 100
63 2.3 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion:188 Resp: 631360
Ion Ratio Lower Upper
188 100
94 15.3 10.1 15.1#
80 17.5 11.8 17.6

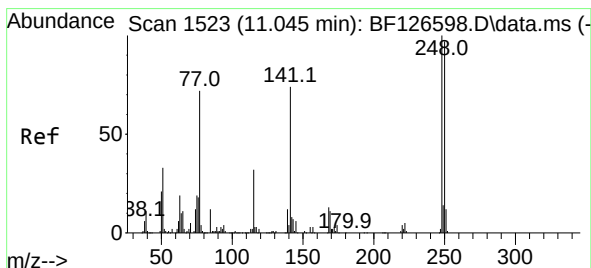
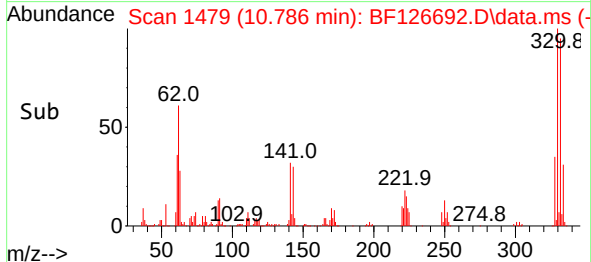
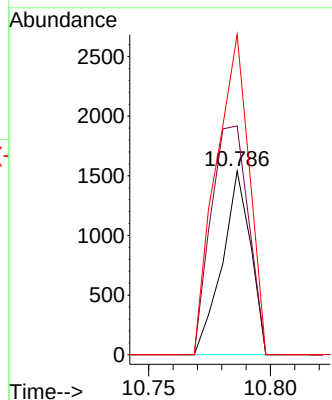
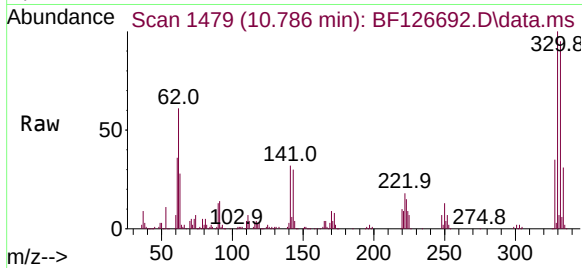




#65
4,6-Dinitro-2-methylphenol
Concen: 7.721 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

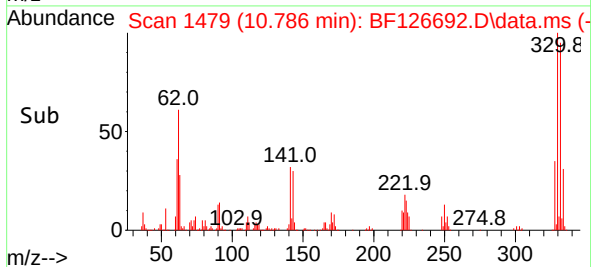
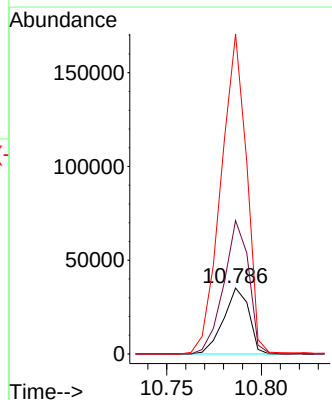
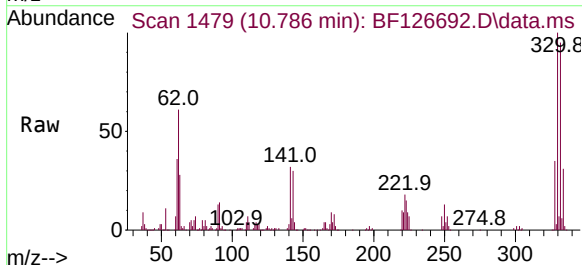
Instrument :
BNA_F
ClientSampleId :
RED-EXT-WALL

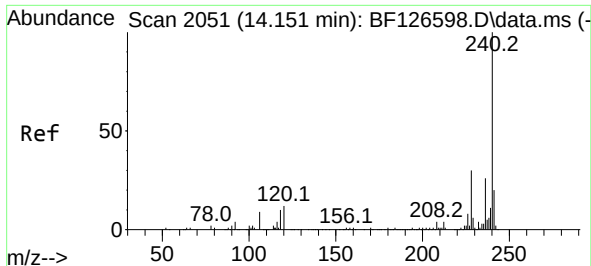
Tgt Ion:198 Resp: 1246
Ion Ratio Lower Upper
198 100
51 124.5 32.0 72.0#
105 174.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion:248 Resp: 32748
Ion Ratio Lower Upper
248 100
250 202.5 76.2 114.4#
141 485.8 66.2 99.4#

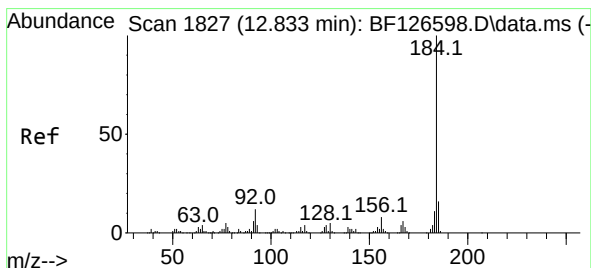
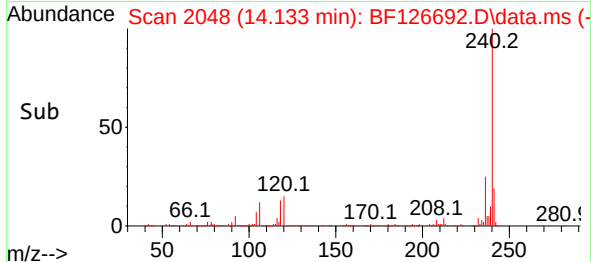
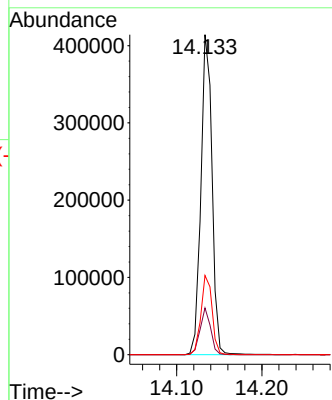
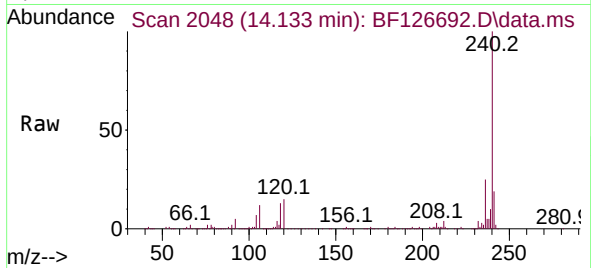




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

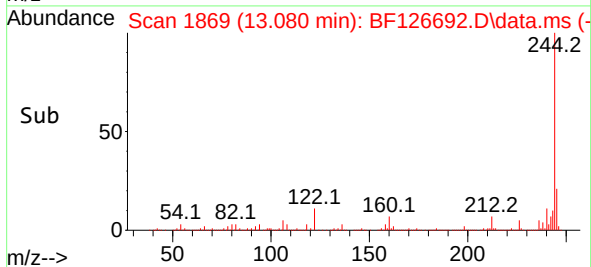
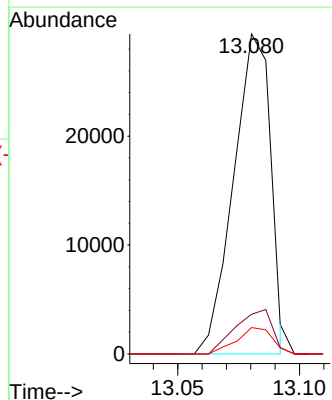
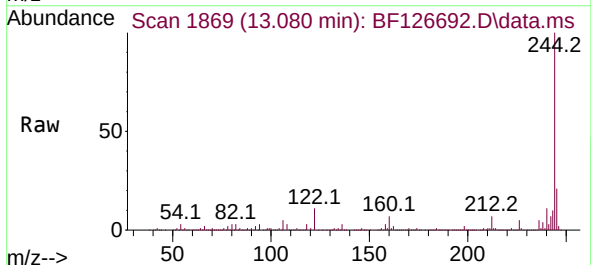
Instrument :
BNA_F
ClientSampleId :
RED-EXT-WALL

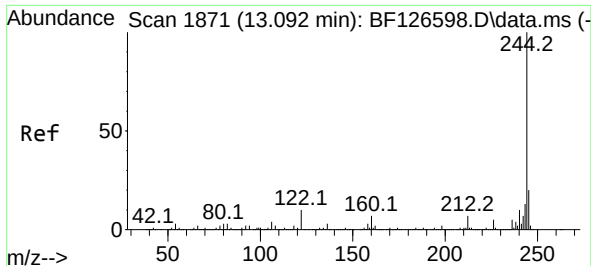
Tgt Ion:240 Resp: 375844
Ion Ratio Lower Upper
240 100
120 14.6 14.4 21.6
236 24.7 20.5 30.7



#77
Benzidine
Concen: 2.394 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126692.D
Acq: 26 Jan 2022 17:51

Tgt Ion:184 Resp: 31037
Ion Ratio Lower Upper
184 100
185 12.4 11.8 17.8
183 8.2 8.2 12.2

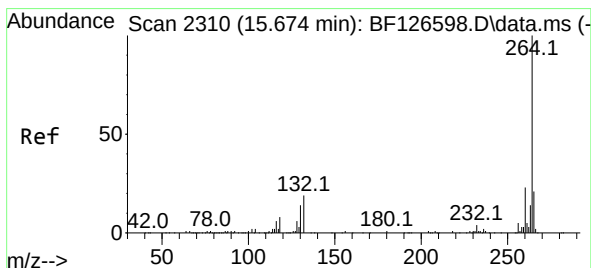
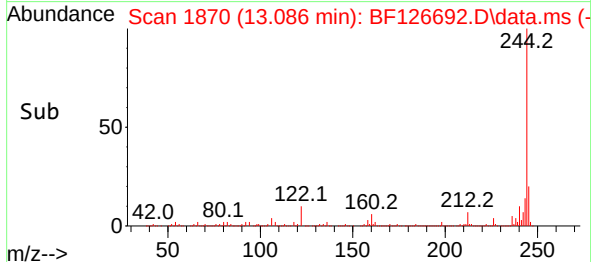
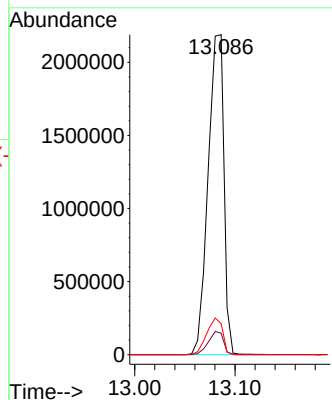
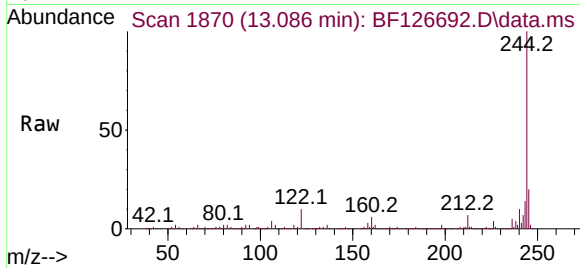




#79
 Terphenyl-d14
 Concen: 107.320 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126692.D
 Acq: 26 Jan 2022 17:51

Instrument :
 BNA_F
 ClientSampleId :
 RED-EXT-WALL

Tgt Ion:244 Resp: 2404849
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 9.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126692.D
 Acq: 26 Jan 2022 17:51

Tgt Ion:264 Resp: 323261
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.3 17.4 26.2

