

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126851.D
 Acq On : 10 Feb 2022 18:51
 Operator : CG\JU
 Sample : N1359-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Quant Time: Feb 11 03:16:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

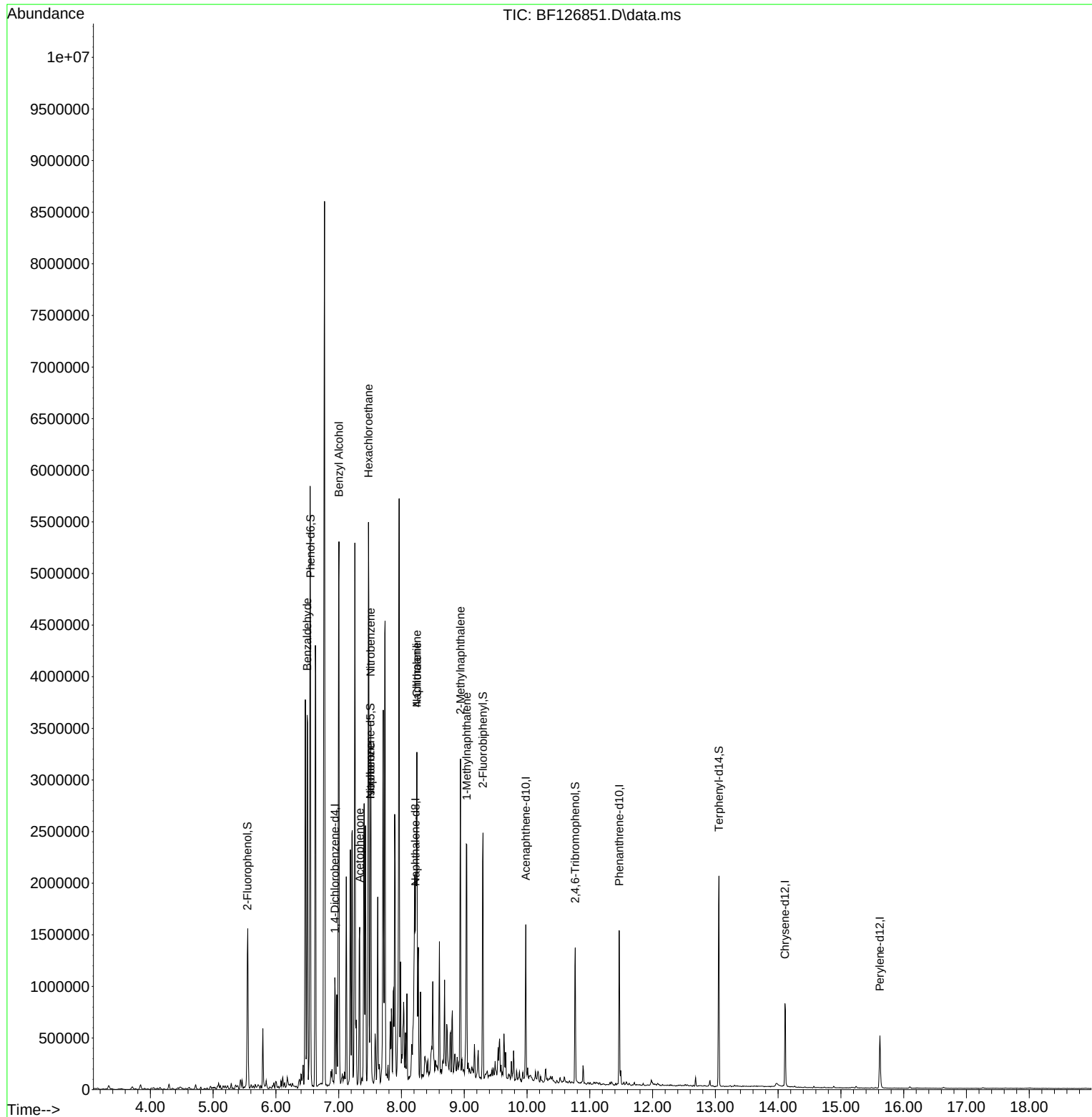
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	128529	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	498074	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	259969	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	466466	20.000	ng	0.00
76) Chrysene-d12	14.110	240	263605	20.000	ng	#-0.01
86) Perylene-d12	15.621	264	216644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	207453	24.851	ng	-0.01
7) Phenol-d6	6.551	99	149361	13.253	ng	-0.01
23) Nitrobenzene-d5	7.504	82	398083	36.877	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	141226	50.672	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	657902	38.094	ng	0.00
79) Terphenyl-d14	13.057	244	628487	34.179	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	170860	24.936	ng	# 1
15) Benzyl Alcohol	7.004	79	194965	21.891	ng	# 10
18) Hexachloroethane	7.475	117	312966	84.586	ng	# 1
22) Acetophenone	7.334	105	591093	45.865	ng	# 56
24) Nitrobenzene	7.510	77	50401	4.936	ng	# 3
25) Isophorone	7.504	82	396207	21.907	ng	# 68
31) Naphthalene	8.245	128	865052	33.488	ng	# 97
33) 4-Chloroaniline	8.245	127	129076	12.692	ng	# 37
37) 2-Methylnaphthalene	8.939	142	745969	45.189	ng	99
38) 1-Methylnaphthalene	9.039	142	541167	33.882	ng	99

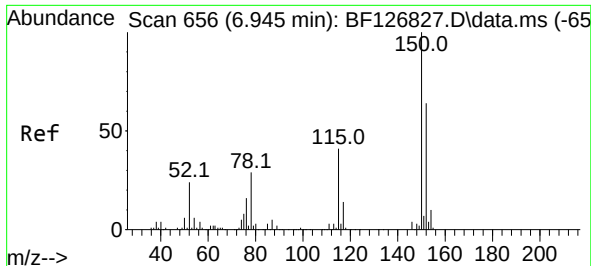
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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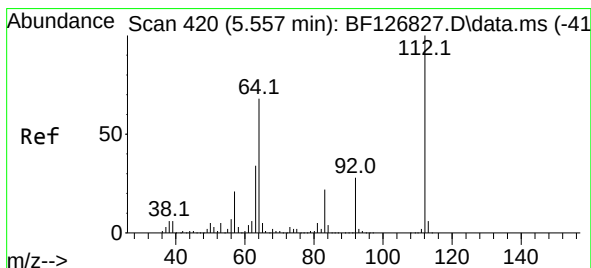
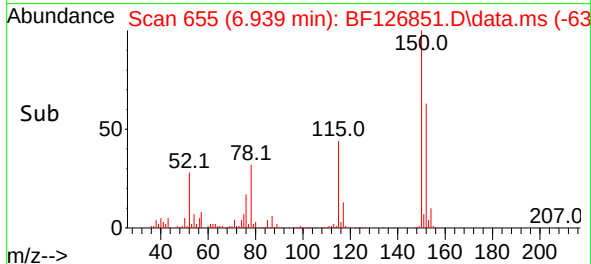
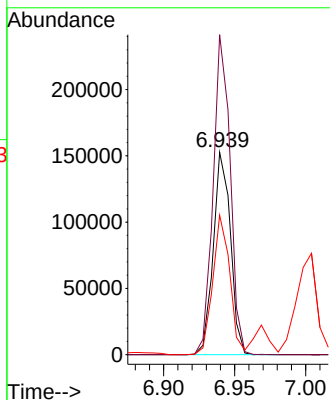
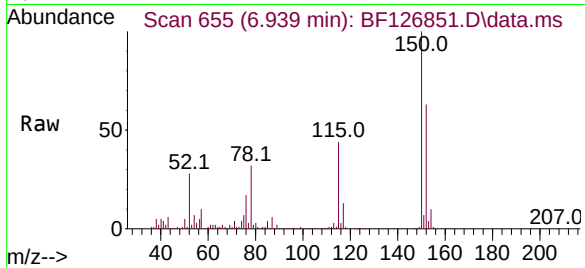




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.939 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BF126851.D
 Acq: 10 Feb 2022 18:51

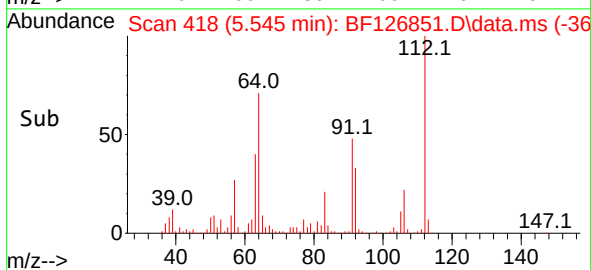
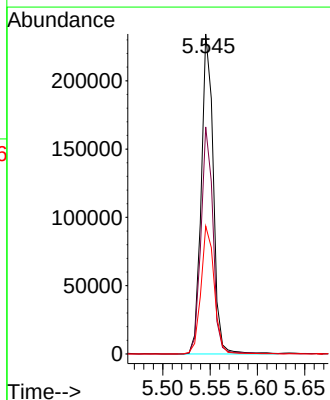
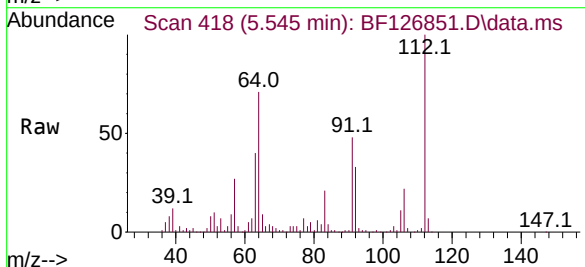
Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

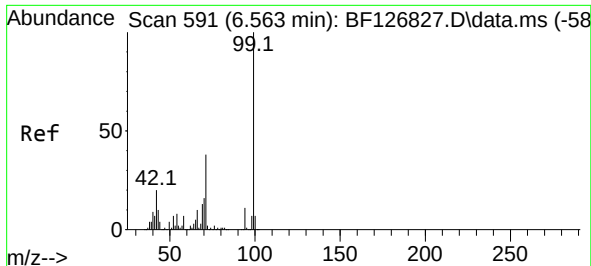
Tgt Ion:152 Resp: 128529
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.3 186.5
 115 68.9 50.5 75.7



#5
 2-Fluorophenol
 Concen: 24.851 ng
 RT: 5.545 min Scan# 418
 Delta R.T. -0.012 min
 Lab File: BF126851.D
 Acq: 10 Feb 2022 18:51

Tgt Ion:112 Resp: 207453
 Ion Ratio Lower Upper
 112 100
 64 70.9 54.3 81.5
 63 40.0 27.5 41.3

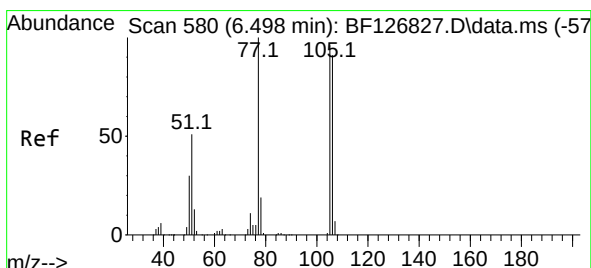
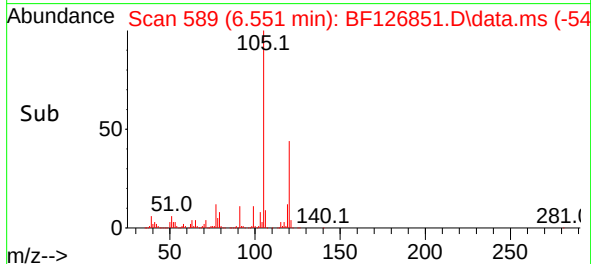
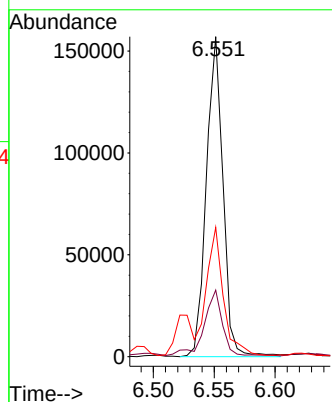
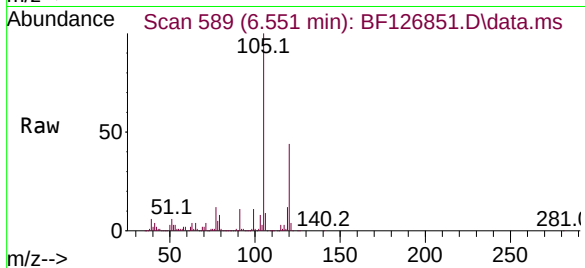




#7
Phenol-d6
Concen: 13.253 ng
RT: 6.551 min Scan# 591
Delta R.T. -0.012 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

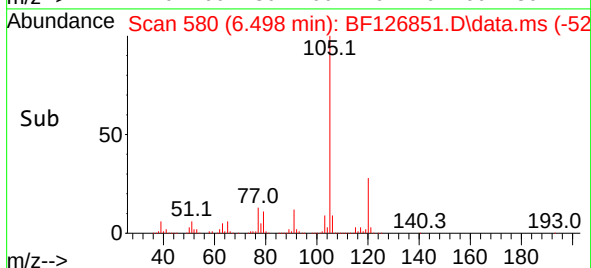
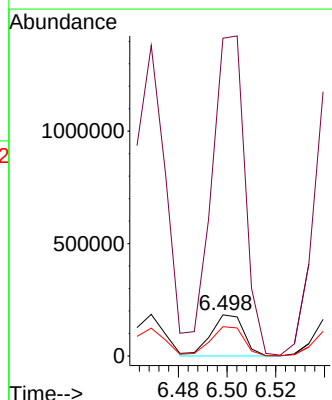
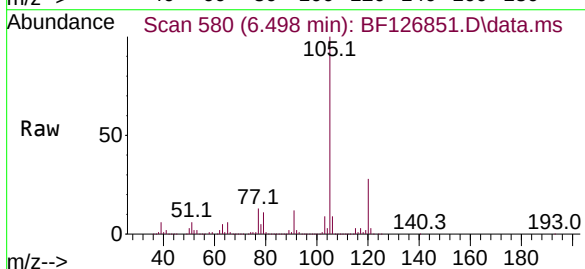
Instrument :
BNA_F
ClientSampleId :
MW-9DL

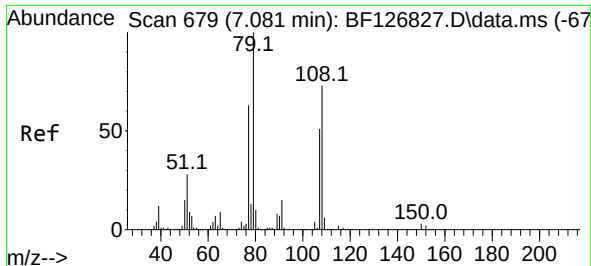
Tgt Ion: 99 Resp: 149361
Ion Ratio Lower Upper
99 100
42 20.8 15.8 23.6
71 40.4 30.6 45.8



#9
Benzaldehyde
Concen: 24.936 ng
RT: 6.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion: 77 Resp: 170860
Ion Ratio Lower Upper
77 100
105 771.2 75.8 115.8#
106 71.1 71.1 111.1#

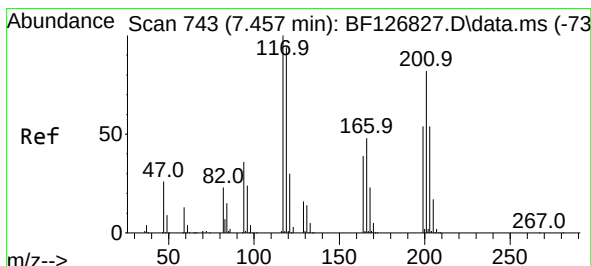
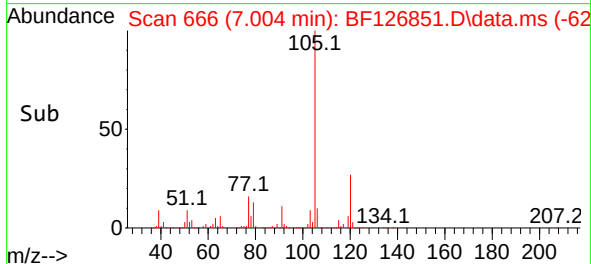
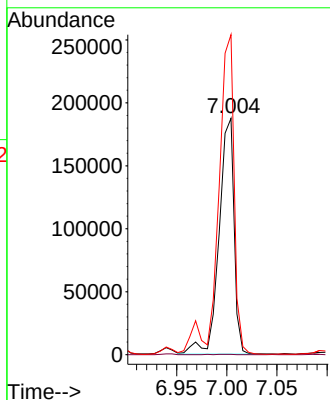
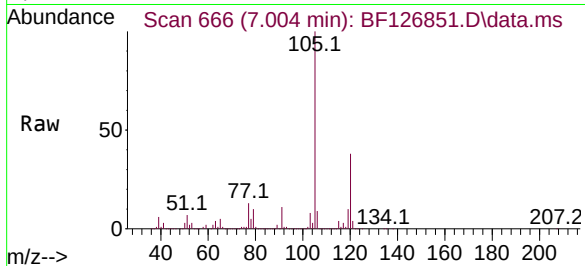




#15
Benzyl Alcohol
Concen: 21.891 ng
RT: 7.004 min Scan# 611
Delta R.T. -0.077 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

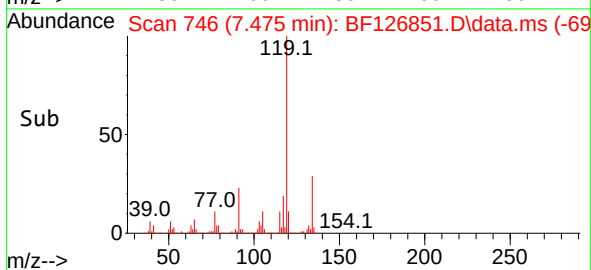
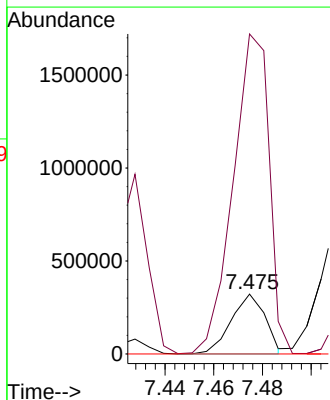
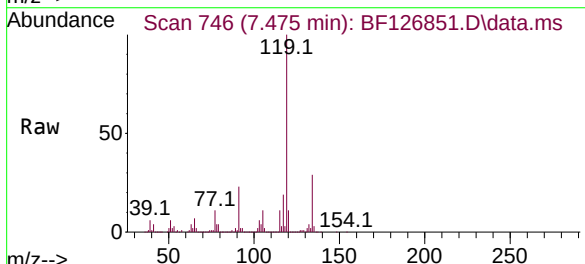
Instrument :
BNA_F
ClientSampleId :
MW-9DL

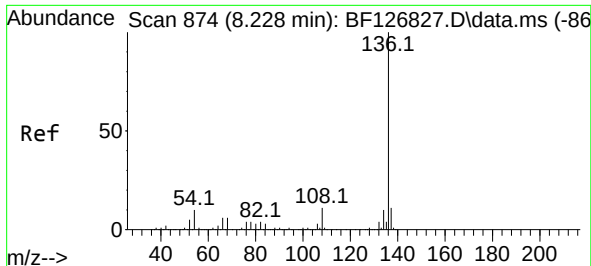
Tgt Ion: 79 Resp: 194965
Ion Ratio Lower Upper
79 100
108 0.1 58.1 87.1#
77 135.4 50.0 75.0#



#18
Hexachloroethane
Concen: 84.586 ng
RT: 7.475 min Scan# 746
Delta R.T. 0.018 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion: 117 Resp: 312966
Ion Ratio Lower Upper
117 100
119 534.2 75.1 112.7#
201 0.0 65.3 97.9#

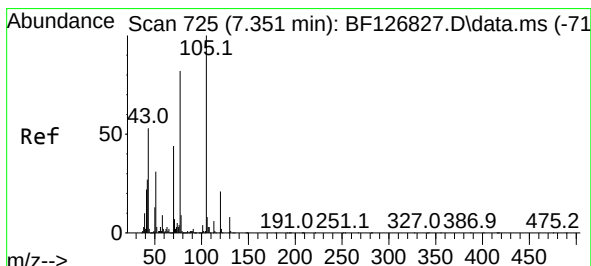
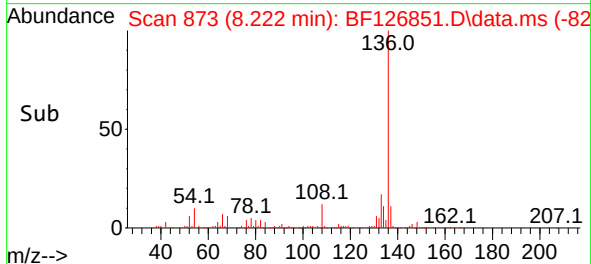
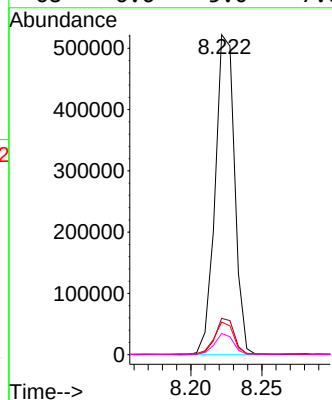
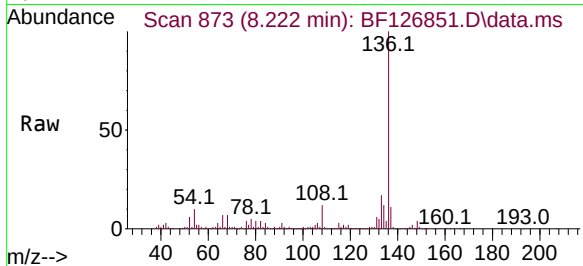




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

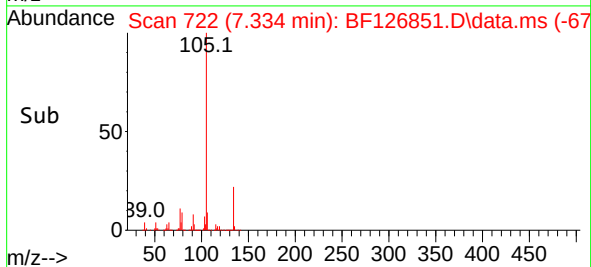
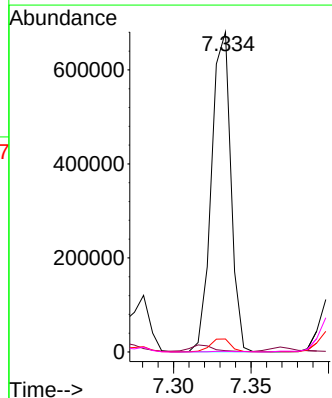
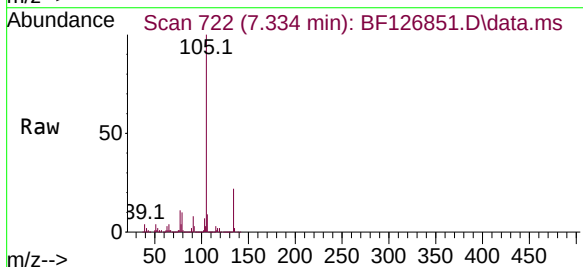
Instrument :
BNA_F
ClientSampleId :
MW-9DL

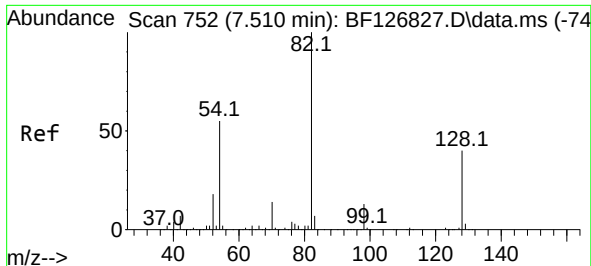
Tgt Ion:136 Resp: 498074
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.2 8.0 12.0
68 6.6 5.0 7.6



#22
Acetophenone
Concen: 45.865 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.018 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:105 Resp: 591093
Ion Ratio Lower Upper
105 100
71 0.4 5.7 8.5#
51 4.1 25.0 37.4#
120 0.2 16.6 24.8#

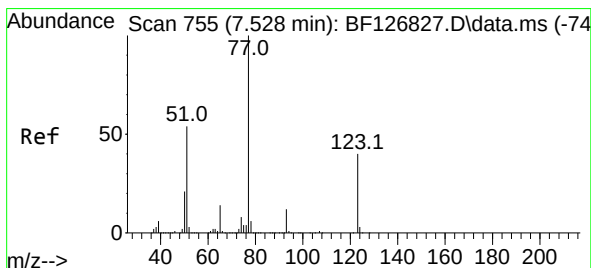
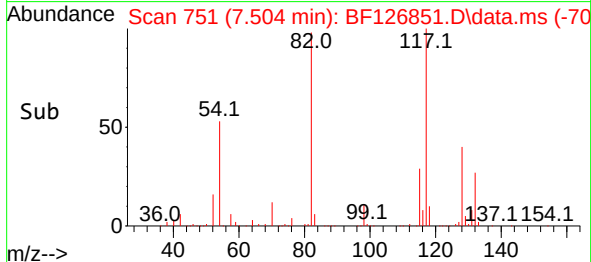
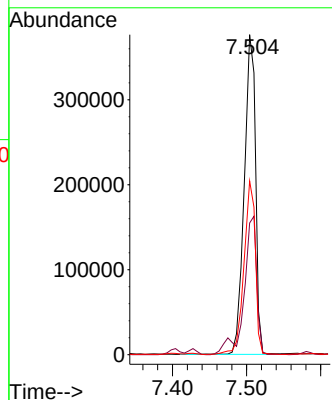
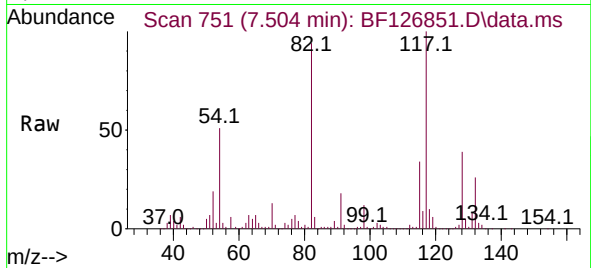




#23
Nitrobenzene-d5
Concen: 36.877 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

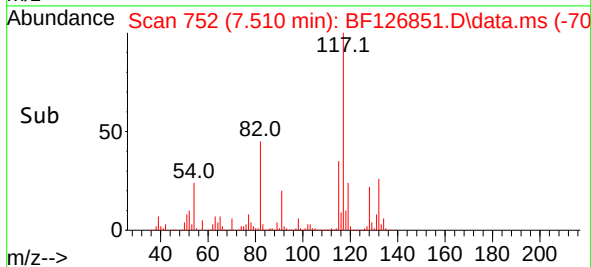
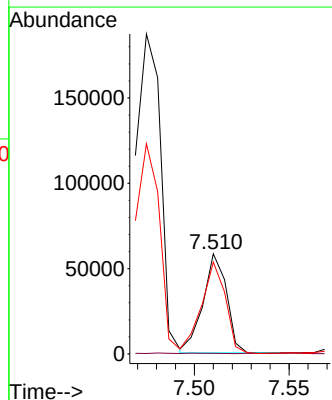
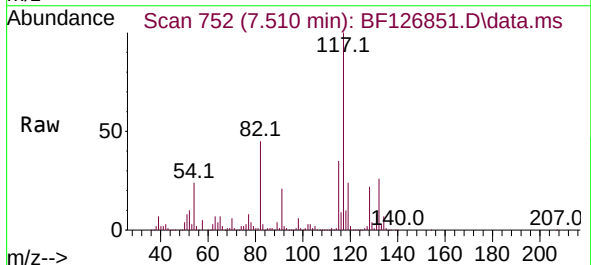
Instrument :
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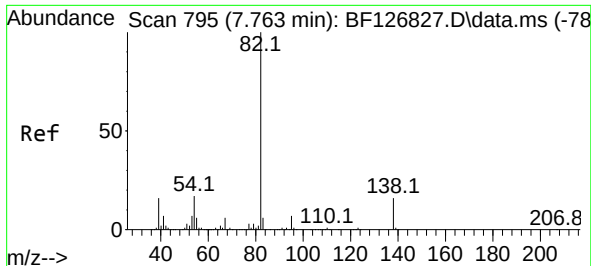
Tgt Ion: 82 Resp: 398083
Ion Ratio Lower Upper
82 100
128 41.1 31.6 47.4
54 54.3 43.7 65.5



#24
Nitrobenzene
Concen: 4.936 ng
RT: 7.510 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion: 77 Resp: 50401
Ion Ratio Lower Upper
77 100
123 0.7 31.9 47.9#
65 91.6 11.4 17.2#

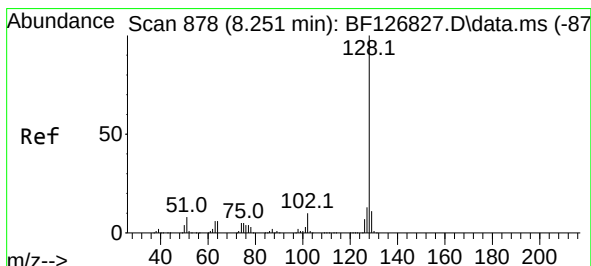
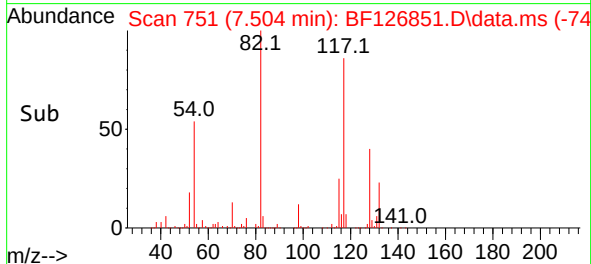
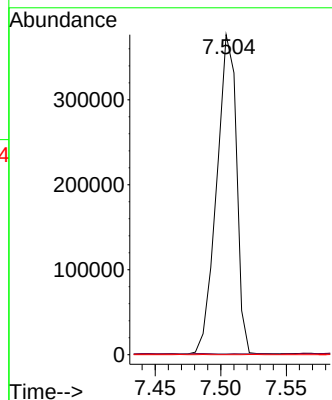
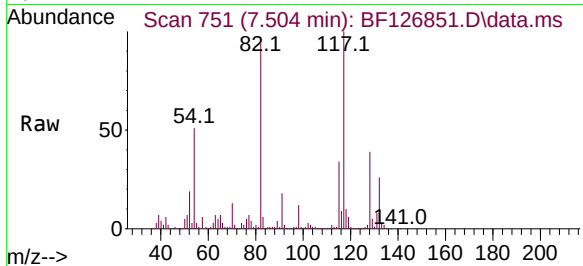




#25
Isophorone
Concen: 21.907 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

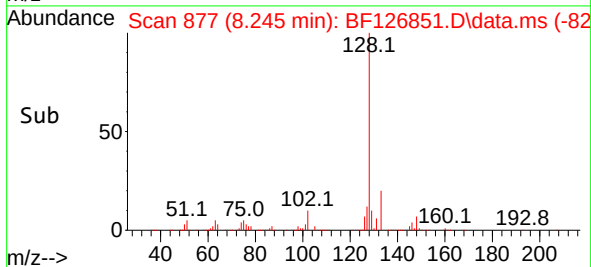
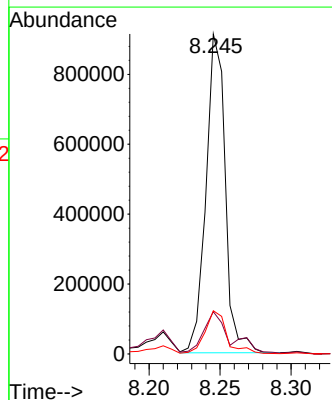
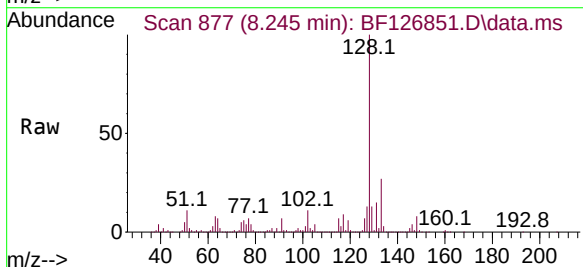
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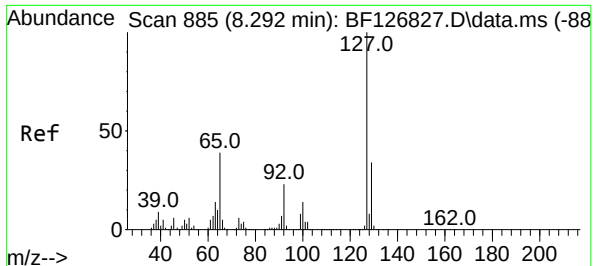
Tgt Ion: 82 Resp: 396207
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.8#
138 0.0 12.6 19.0#



#31
Naphthalene
Concen: 33.488 ng
RT: 8.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:128 Resp: 865052
Ion Ratio Lower Upper
128 100
129 13.2 8.8 13.2#
127 13.5 10.6 15.8

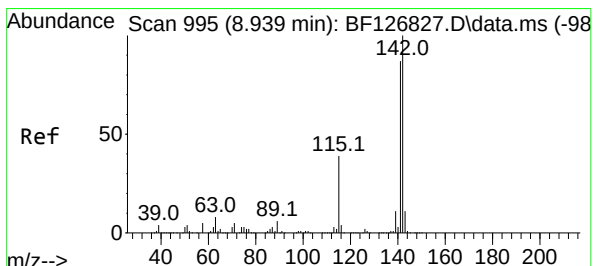
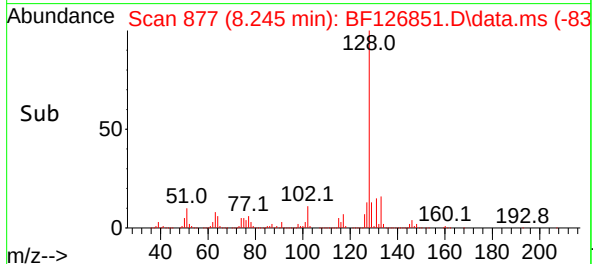
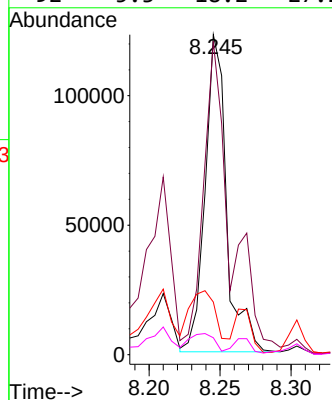
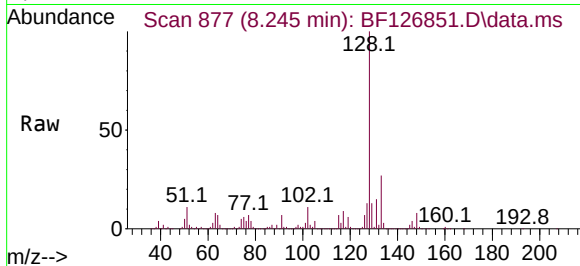




#33
4-Chloroaniline
Concen: 12.692 ng
RT: 8.245 min Scan# 81
Delta R.T. -0.047 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

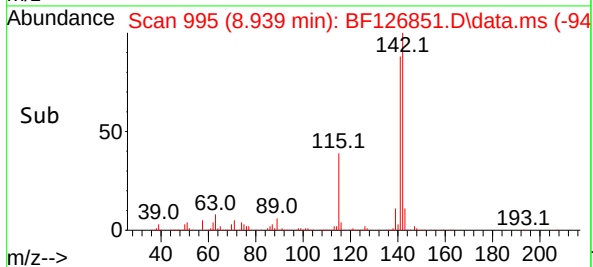
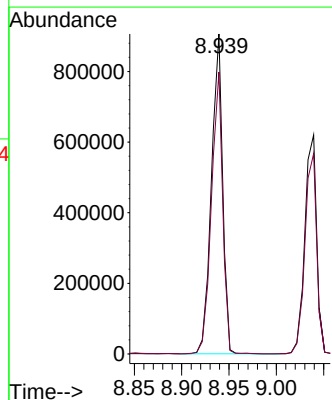
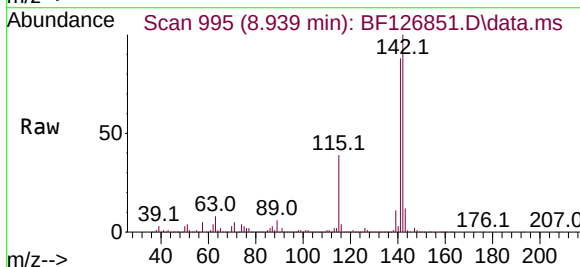
Instrument :
BNA_F
ClientSampleId :
MW-9DL

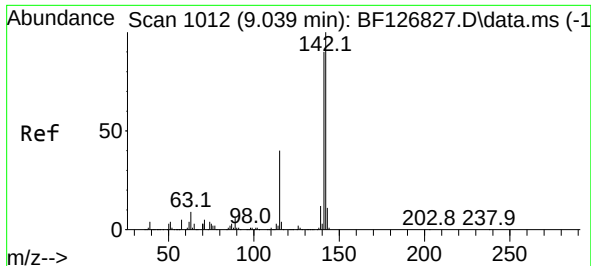
Tgt Ion:127 Resp: 129076
Ion Ratio Lower Upper
127 100
129 97.9 27.1 40.7#
65 16.4 31.4 47.2#
92 5.3 18.2 27.2#



#37
2-Methylnaphthalene
Concen: 45.189 ng
RT: 8.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:142 Resp: 745969
Ion Ratio Lower Upper
142 100
141 88.1 69.7 104.5

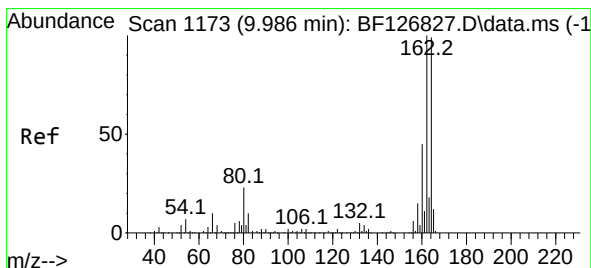
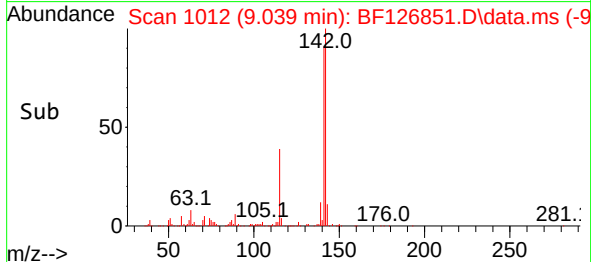
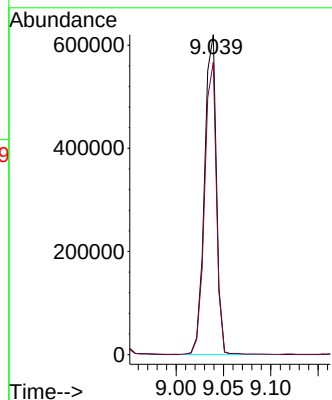
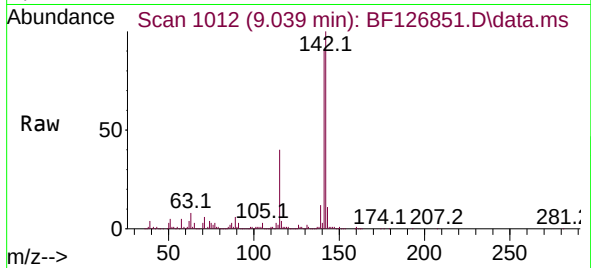




#38
1-Methylnaphthalene
Concen: 33.882 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

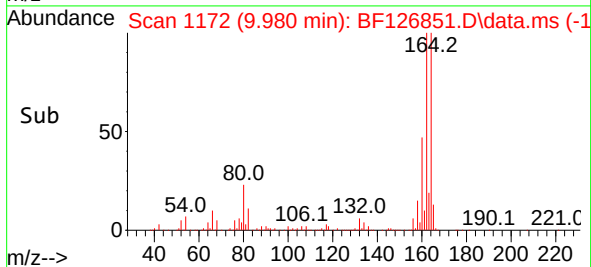
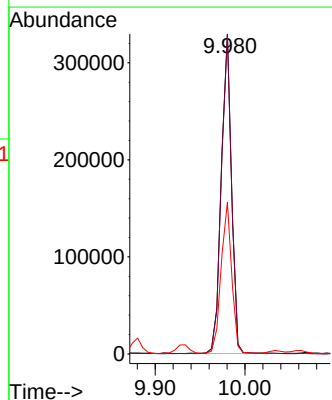
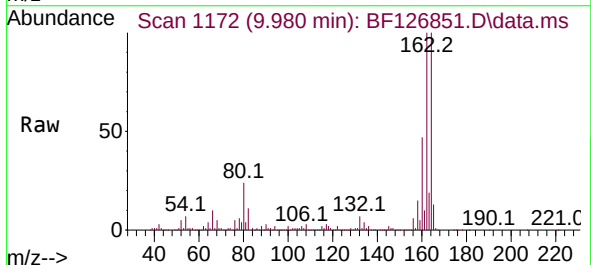
Instrument :
BNA_F
ClientSampleId :
MW-9DL

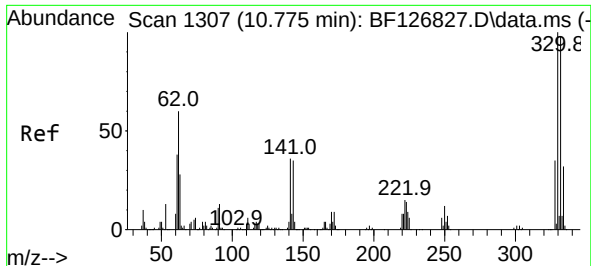
Tgt Ion:142 Resp: 541167
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

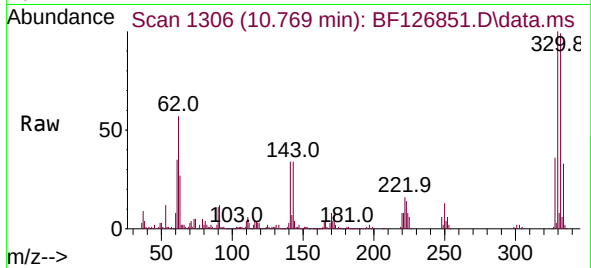
Tgt Ion:164 Resp: 259969
Ion Ratio Lower Upper
164 100
162 99.8 80.9 121.3
160 47.4 36.0 54.0



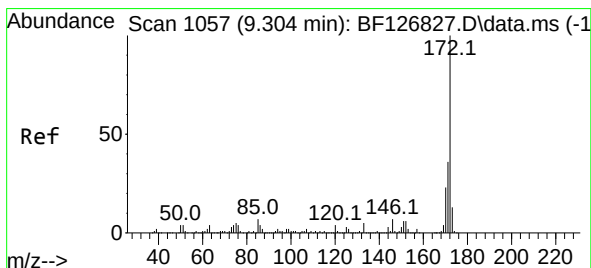
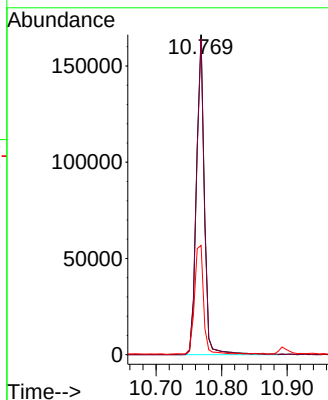
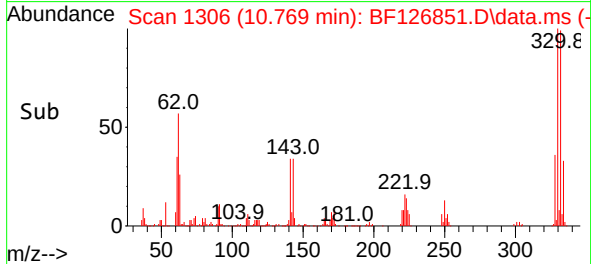


#42
2,4,6-Tribromophenol
Concen: 50.672 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

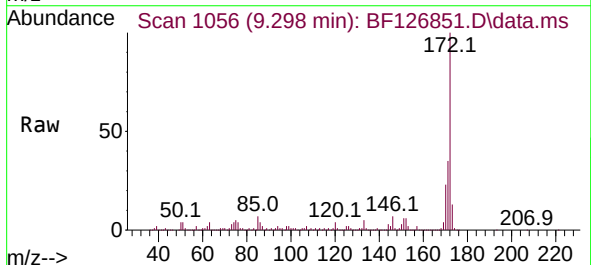
Instrument :
BNA_F
ClientSampleId :
MW-9DL



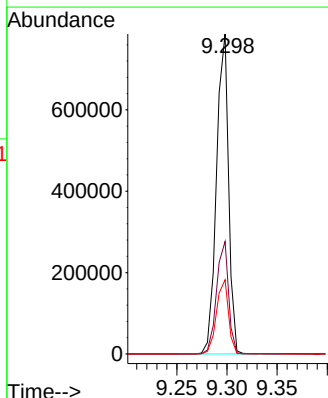
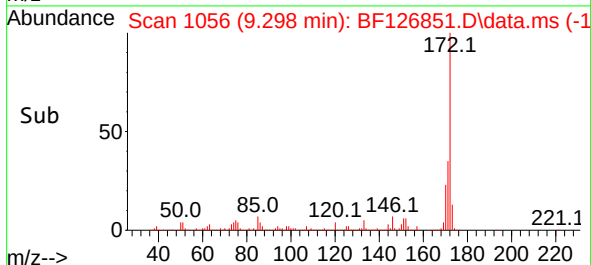
Tgt Ion:330 Resp: 141226
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 38.9 31.2 46.8

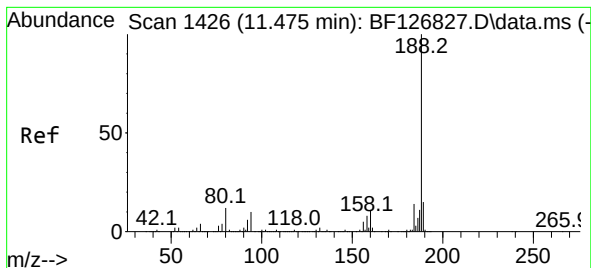


#45
2-Fluorobiphenyl
Concen: 38.094 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51



Tgt Ion:172 Resp: 657902
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF126851.D

Acq: 10 Feb 2022 18:51

Instrument :

BNA_F

ClientSampleId :

MW-9DL

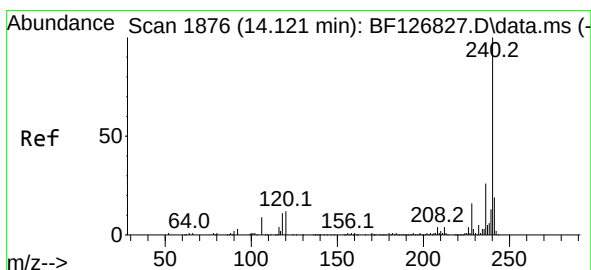
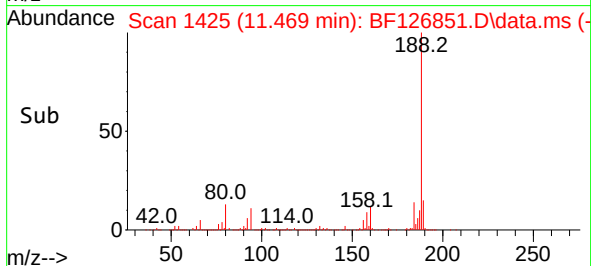
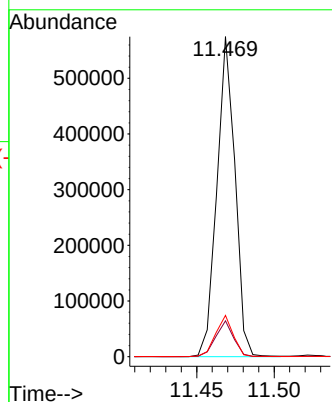
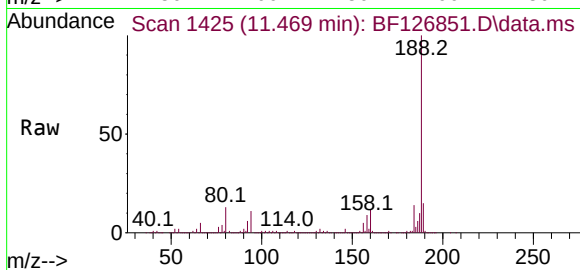
Tgt Ion:188 Resp: 466466

Ion Ratio Lower Upper

188 100

94 11.2 8.1 12.1

80 12.9 9.5 14.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 1874

Delta R.T. -0.012 min

Lab File: BF126851.D

Acq: 10 Feb 2022 18:51

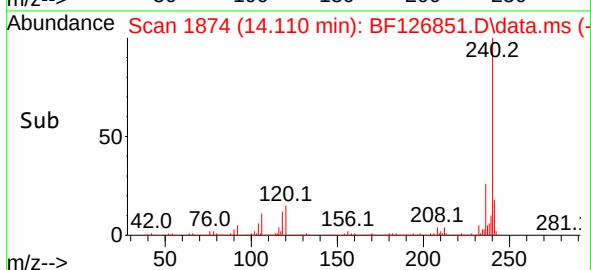
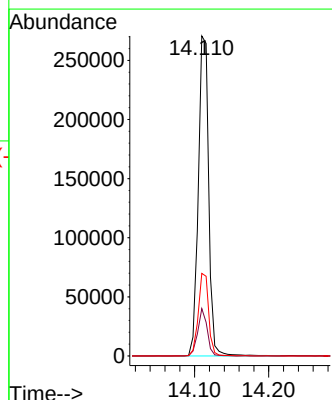
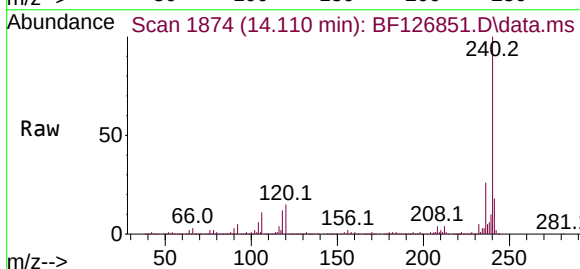
Tgt Ion:240 Resp: 263605

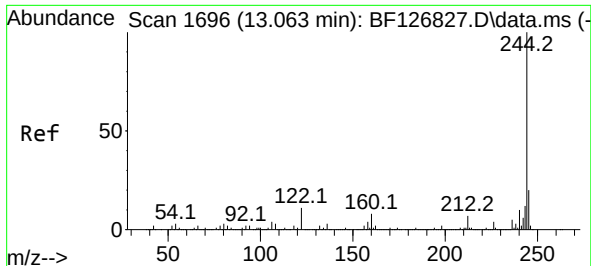
Ion Ratio Lower Upper

240 100

120 14.8 9.8 14.6#

236 25.8 20.5 30.7

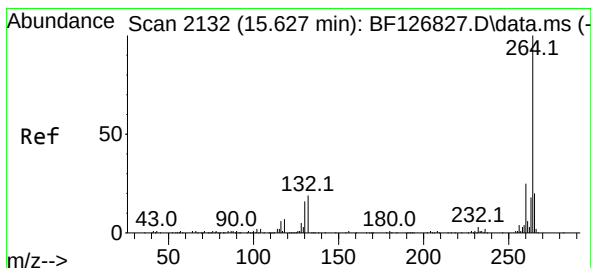
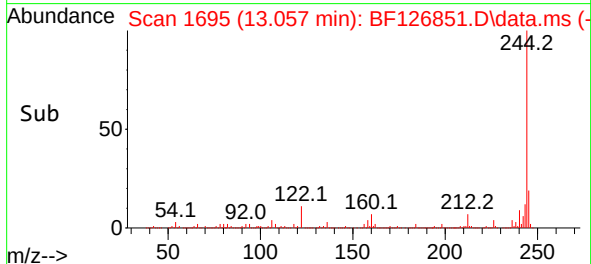
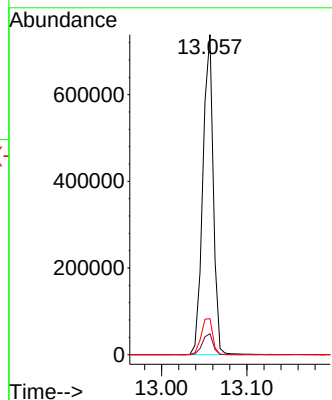
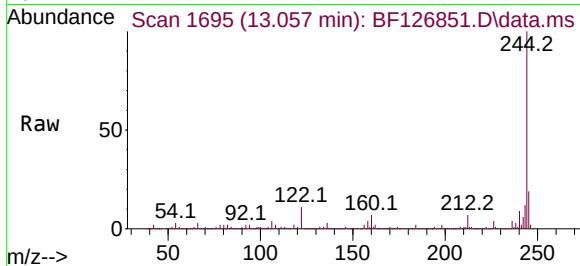




#79
 Terphenyl-d14
 Concen: 34.179 ng
 RT: 13.057 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF126851.D
 Acq: 10 Feb 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Tgt Ion:244 Resp: 628487
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF126851.D
 Acq: 10 Feb 2022 18:51

Tgt Ion:264 Resp: 216644
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.1 15.9 23.9

