

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126668.D
 Acq On : 25 Jan 2022 17:23
 Operator : CG/JU
 Sample : N1250-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jan 26 00:22:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

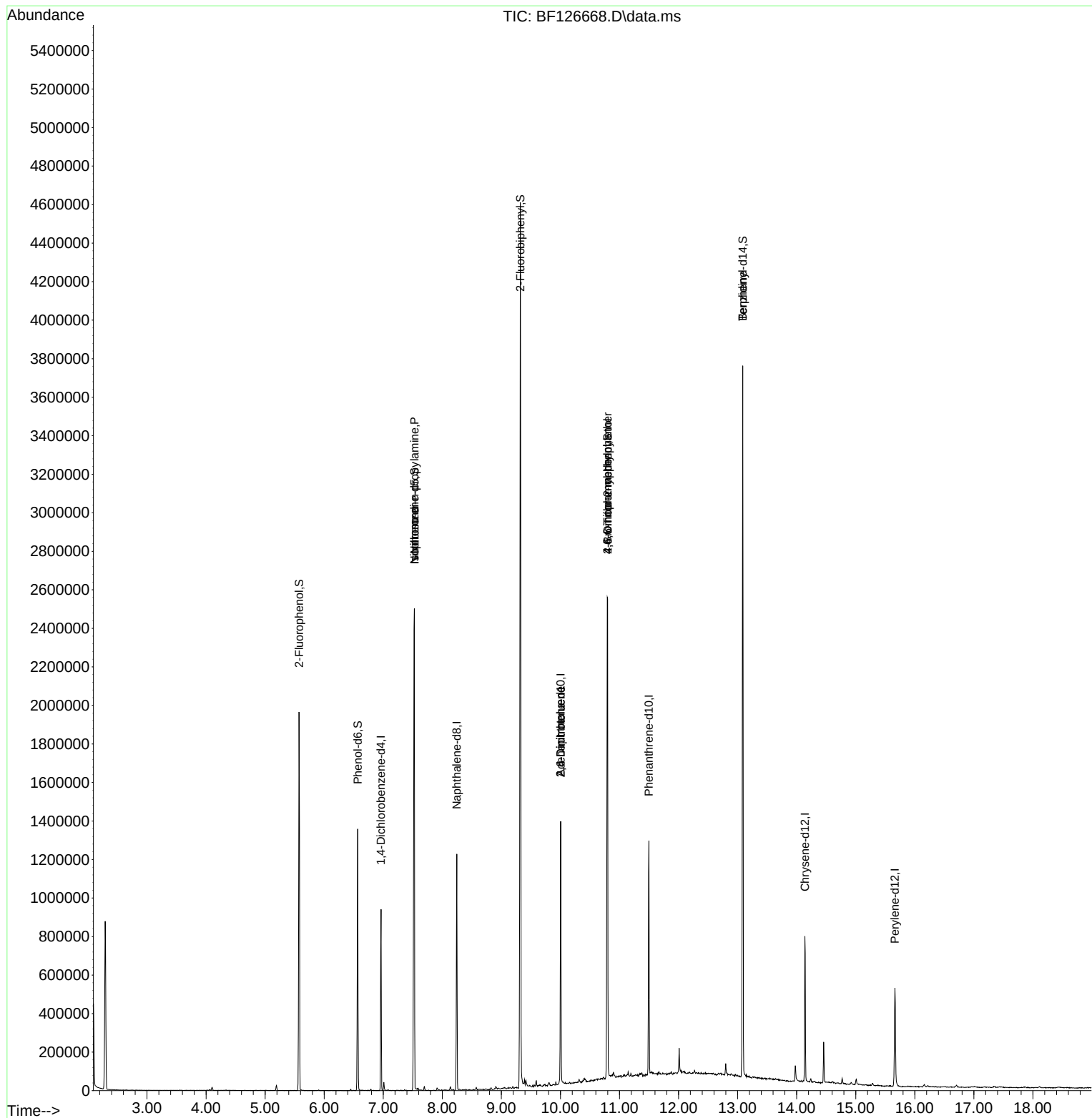
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	115290	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	455528	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	250480	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	408401	20.000	ng	0.00
76) Chrysene-d12	14.139	240	242887	20.000	ng	#-0.01
86) Perylene-d12	15.662	264	233204	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	477338	54.483	ng	0.00
7) Phenol-d6	6.569	99	392767	32.266	ng	-0.01
23) Nitrobenzene-d5	7.528	82	1051143	90.319	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	297185	126.780	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1339751	81.916	ng	0.00
79) Terphenyl-d14	13.086	244	1160368	80.130	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	110	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.528	70	143940	16.202	ng	# 68
25) Isophorone	7.528	82	1051114	46.571	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	31475	10.253	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	31475	8.461	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.798	198	905	7.764	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	19633	4.171	ng	# 1
77) Benzidine	13.086	184	17396	2.076	ng	# 93

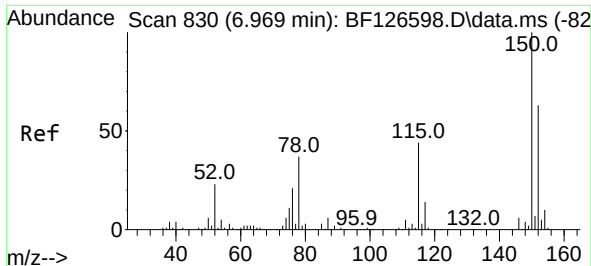
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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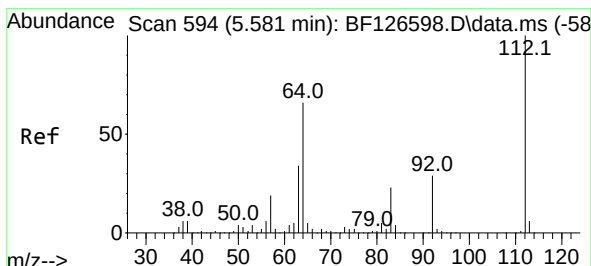
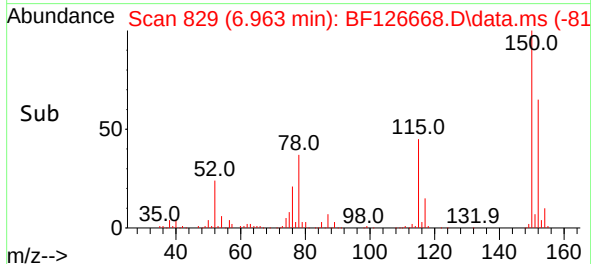
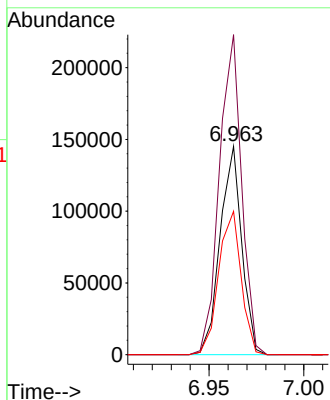
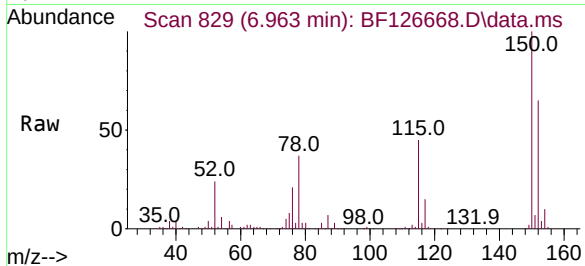




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126668.D
 Acq: 25 Jan 2022 17:23

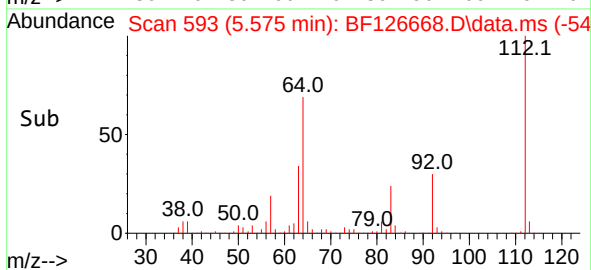
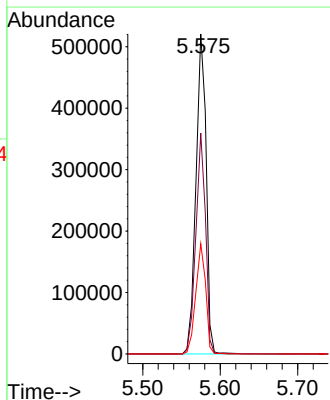
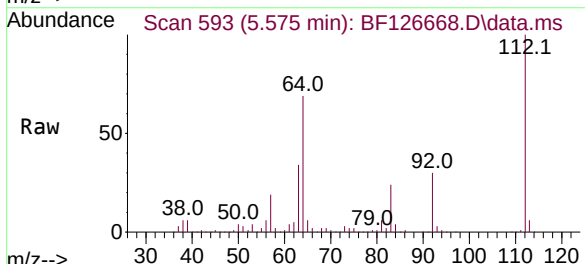
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

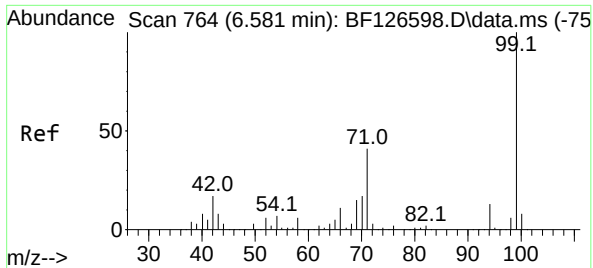
Tgt Ion:152 Resp: 115290
 Ion Ratio Lower Upper
 152 100
 150 153.5 128.1 192.1
 115 68.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 54.483 ng
 RT: 5.575 min Scan# 593
 Delta R.T. -0.006 min
 Lab File: BF126668.D
 Acq: 25 Jan 2022 17:23

Tgt Ion:112 Resp: 477338
 Ion Ratio Lower Upper
 112 100
 64 69.0 49.5 74.3
 63 34.4 23.9 35.9

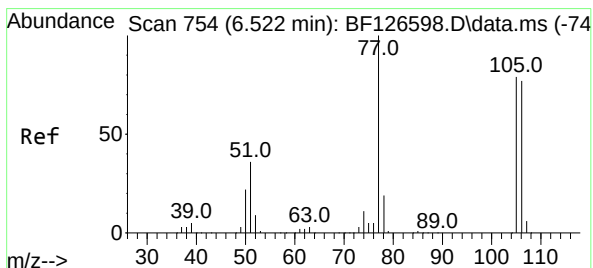
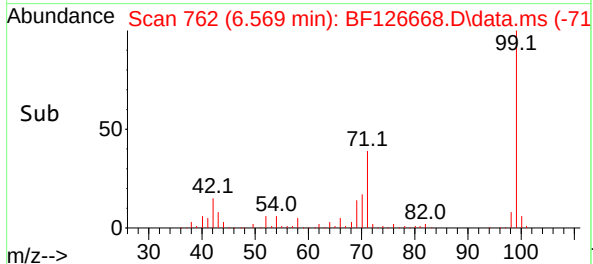
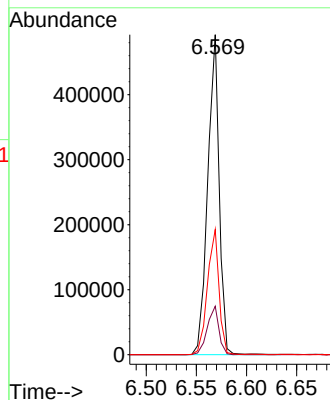
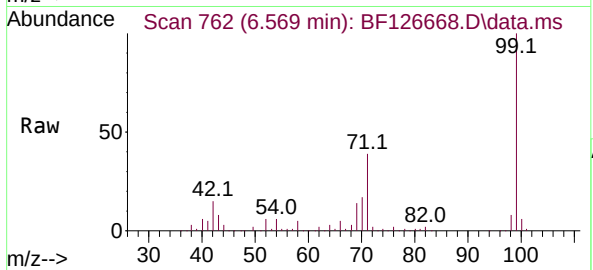




#7
Phenol-d6
Concen: 32.266 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

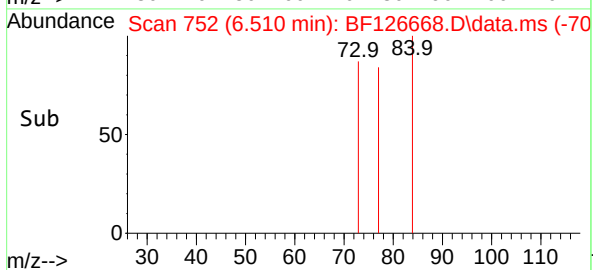
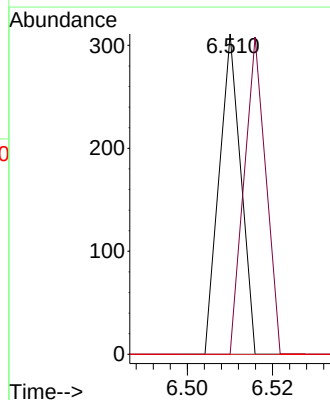
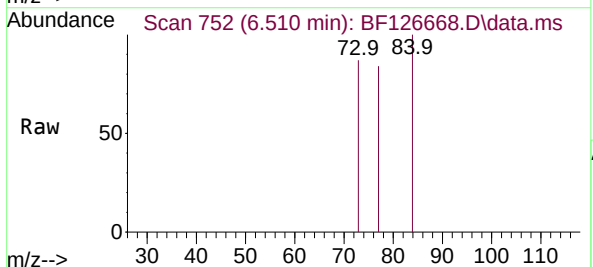
Instrument :
BNA_F
ClientSampleId :
MW-1

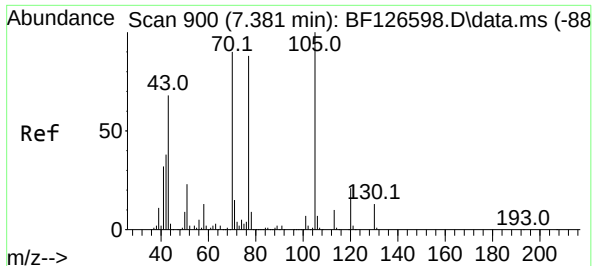
Tgt Ion: 99 Resp: 392767
Ion Ratio Lower Upper
99 100
42 15.2 14.2 21.4
71 39.1 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

Tgt Ion: 77 Resp: 110
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

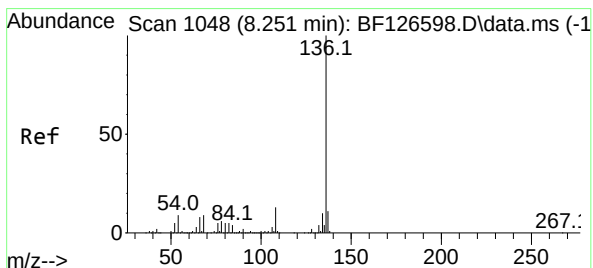
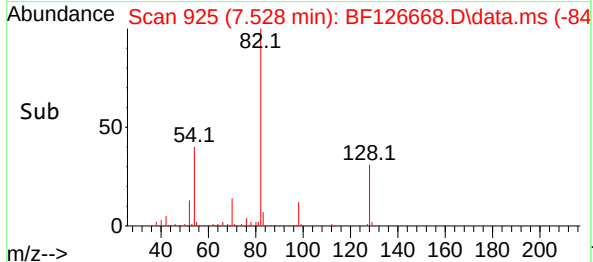
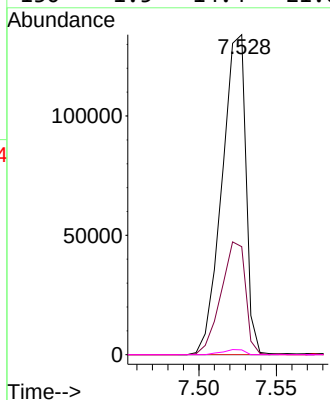
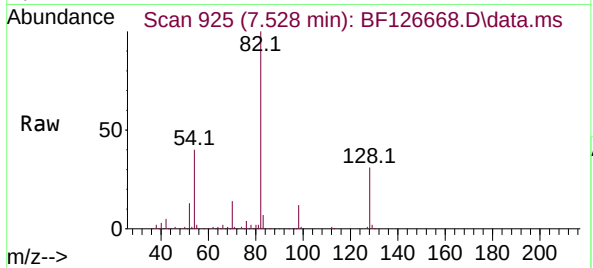




#19
n-Nitroso-di-n-propylamine
Concen: 16.202 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

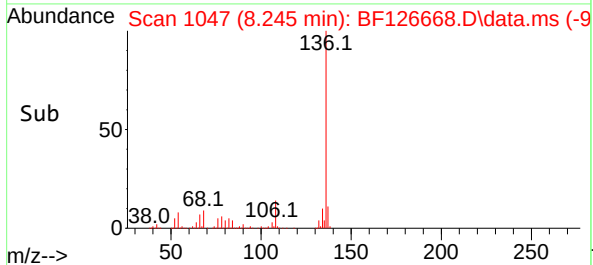
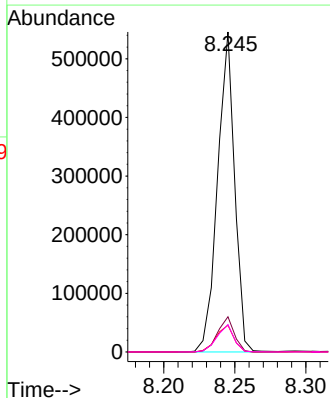
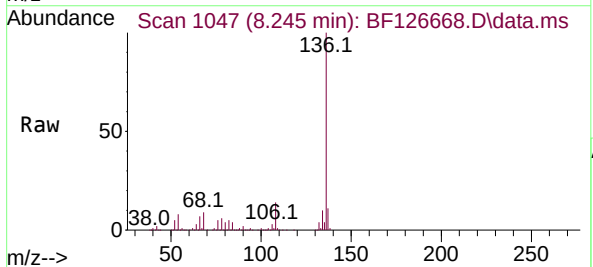
Instrument :
BNA_F
ClientSampleId :
MW-1

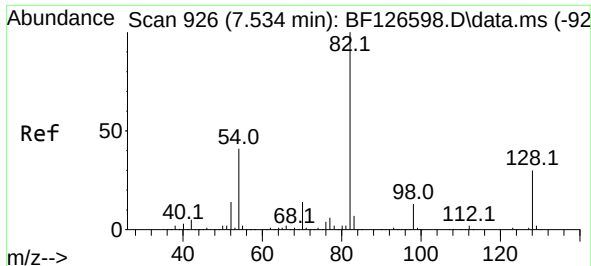
Tgt Ion: 70 Resp: 143940
Ion Ratio Lower Upper
70 100
42 33.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

Tgt Ion: 136 Resp: 455528
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 7.8 11.6
68 8.5 6.3 9.5

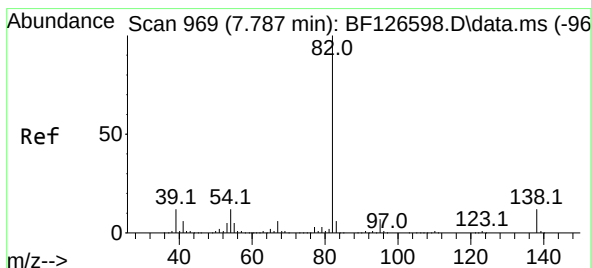
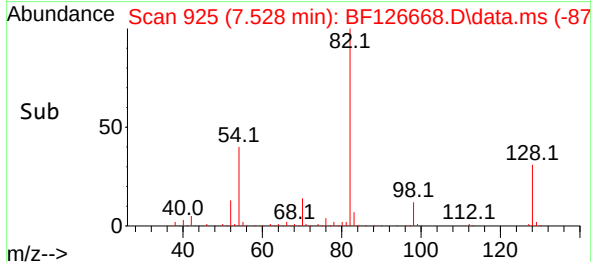
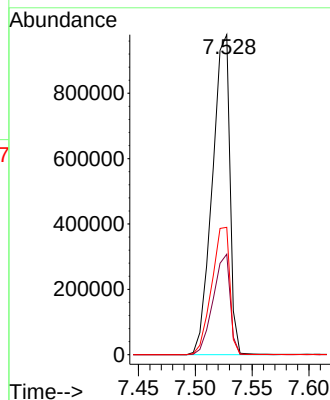
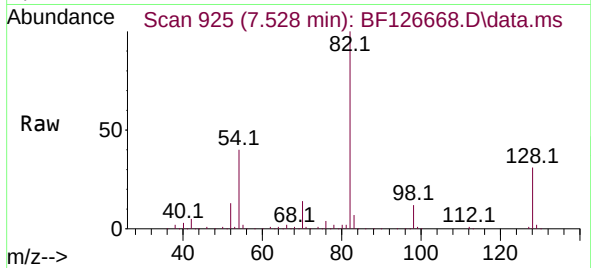




#23
Nitrobenzene-d5
Concen: 90.319 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

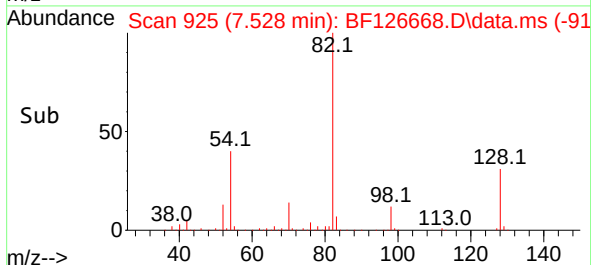
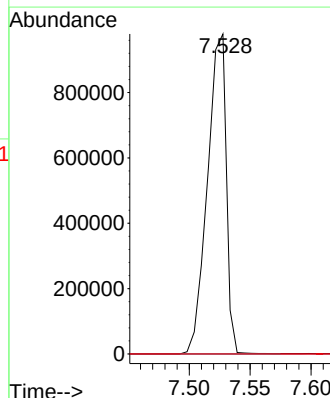
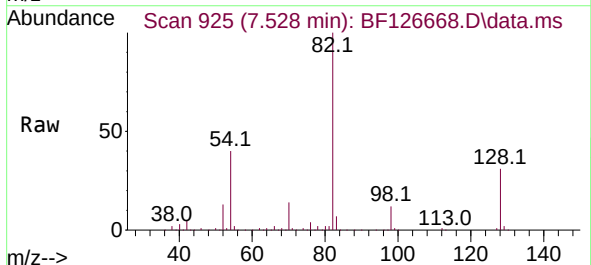
Instrument :
BNA_F
ClientSampleId :
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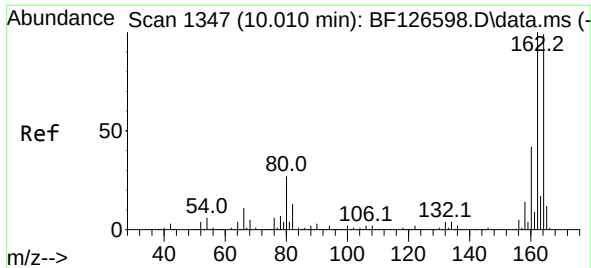
Tgt Ion: 82 Resp: 1051143
Ion Ratio Lower Upper
82 100
128 31.4 32.7 49.1#
54 39.8 41.7 62.5#



#25
Isophorone
Concen: 46.571 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

Tgt Ion: 82 Resp: 1051114
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

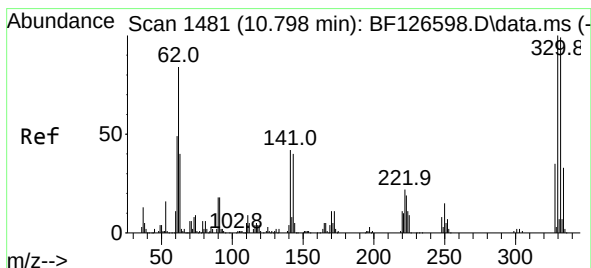
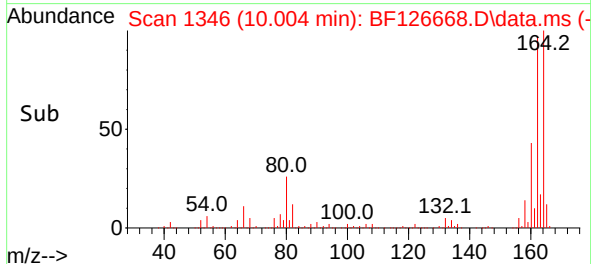
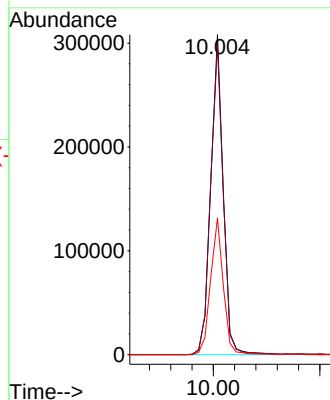
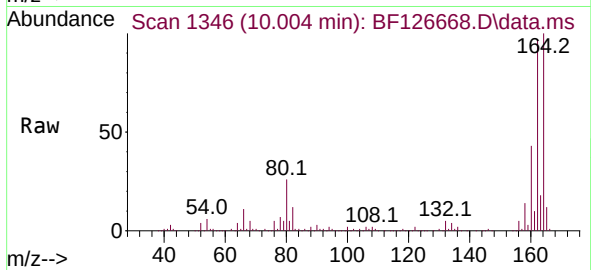




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

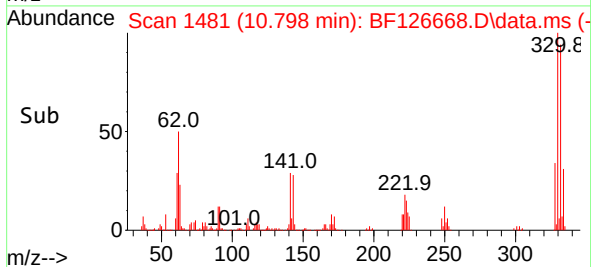
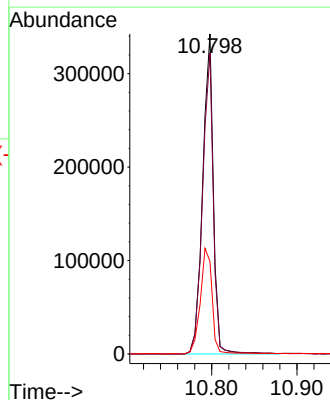
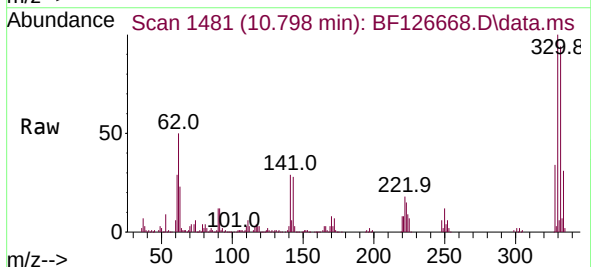
Instrument :
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ClientSampleId :
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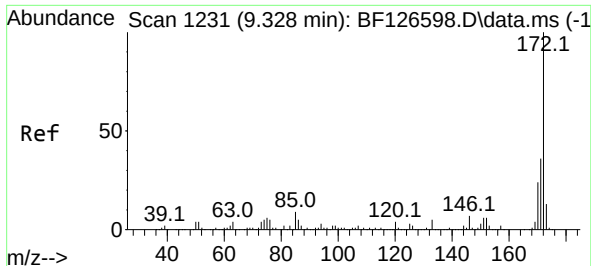
Tgt Ion:164 Resp: 250480
Ion Ratio Lower Upper
164 100
162 96.8 81.4 122.0
160 42.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 126.780 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

Tgt Ion:330 Resp: 297185
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 37.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 81.916 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126668.D

Acq: 25 Jan 2022 17:23

Instrument :

BNA_F

ClientSampleId :

MW-1

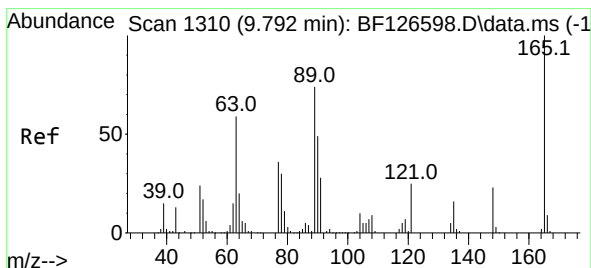
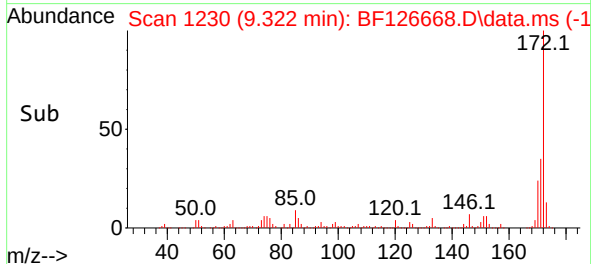
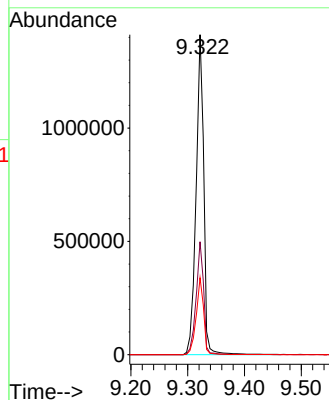
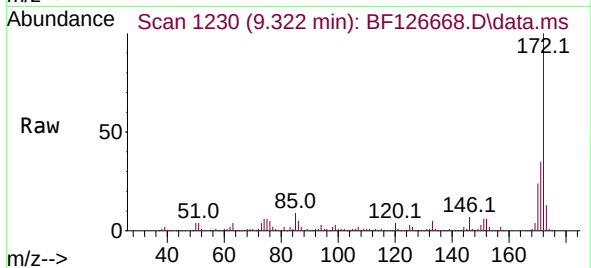
Tgt Ion:172 Resp: 1339751

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.253 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126668.D

Acq: 25 Jan 2022 17:23

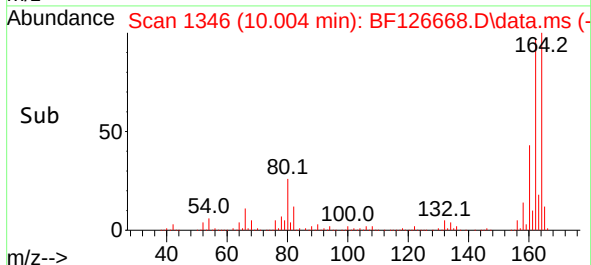
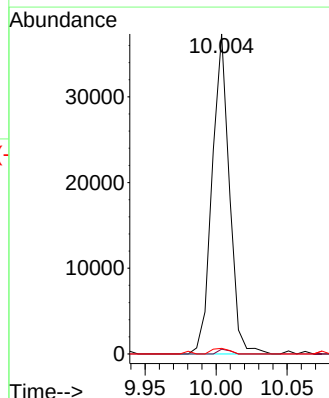
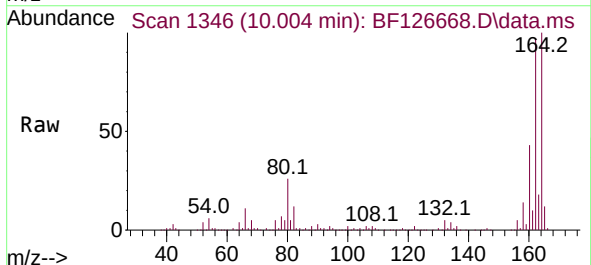
Tgt Ion:165 Resp: 31475

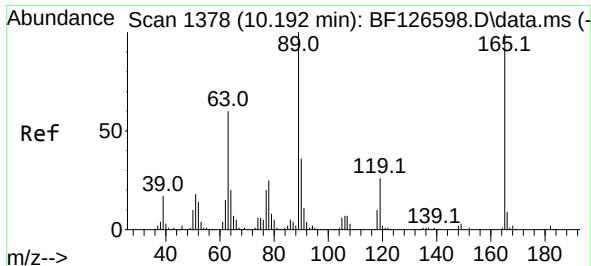
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.7 50.5 75.7#

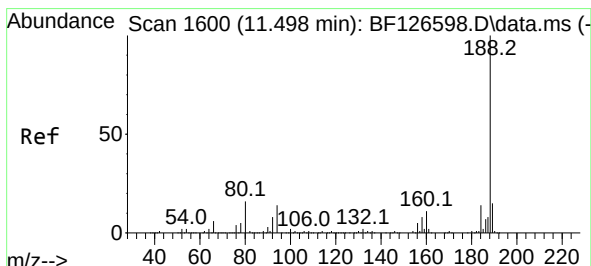
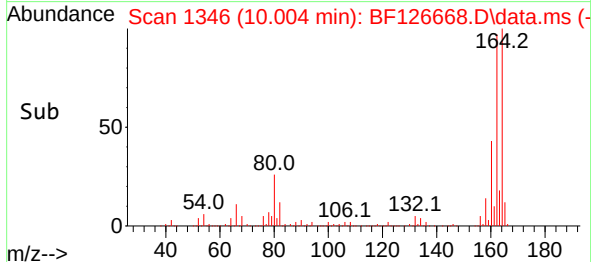
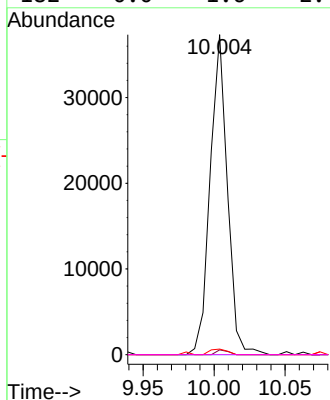
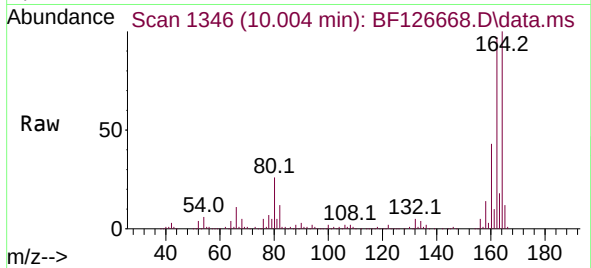




#57
2,4-Dinitrotoluene
Concen: 8.461 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

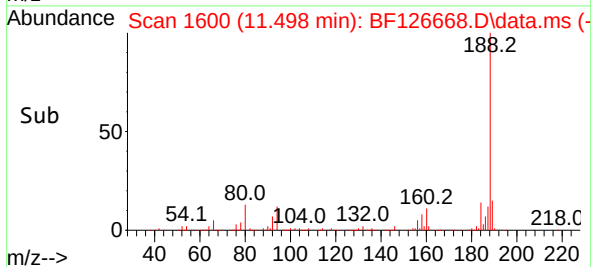
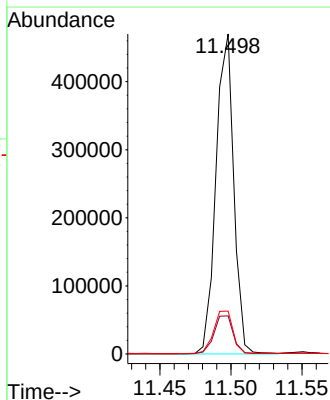
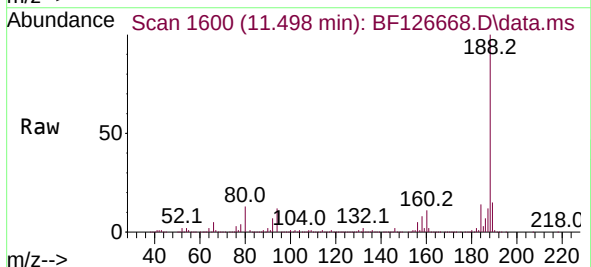
Instrument :
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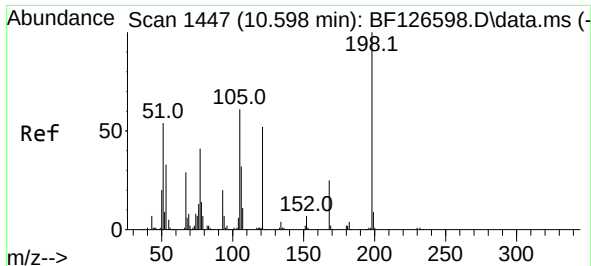
Tgt Ion:165 Resp: 31475
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

Tgt Ion:188 Resp: 408401
Ion Ratio Lower Upper
188 100
94 11.9 10.1 15.1
80 13.4 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.764 ng

RT: 10.798 min Scan# 1447

Delta R.T. 0.200 min

Lab File: BF126668.D

Acq: 25 Jan 2022 17:23

Instrument :

BNA_F

ClientSampleId :

MW-1

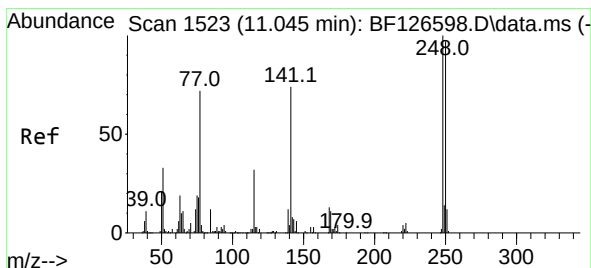
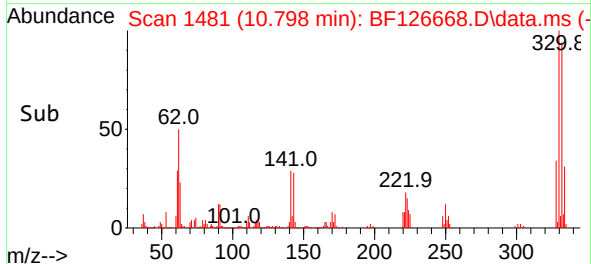
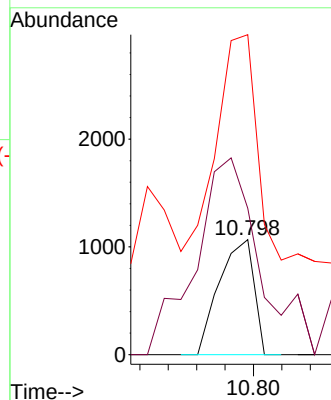
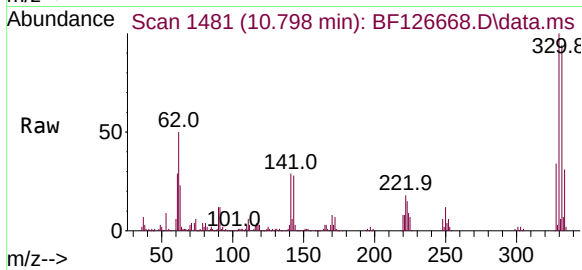
Tgt Ion:198 Resp: 905

Ion Ratio Lower Upper

198 100

51 127.3 32.0 72.0#

105 278.3 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 4.171 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.247 min

Lab File: BF126668.D

Acq: 25 Jan 2022 17:23

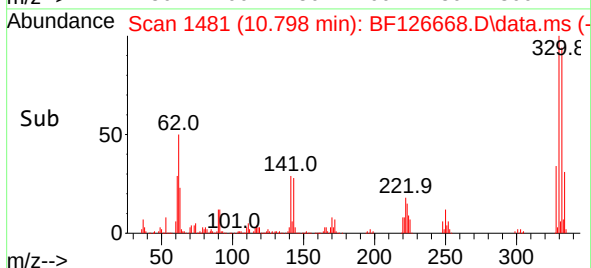
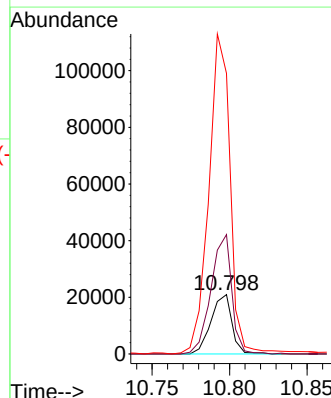
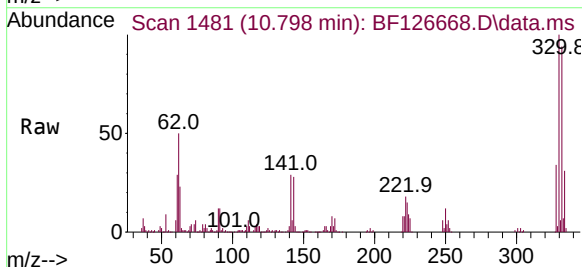
Tgt Ion:248 Resp: 19633

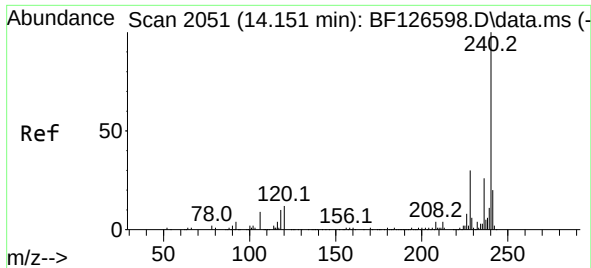
Ion Ratio Lower Upper

248 100

250 201.1 76.2 114.4#

141 472.6 66.2 99.4#

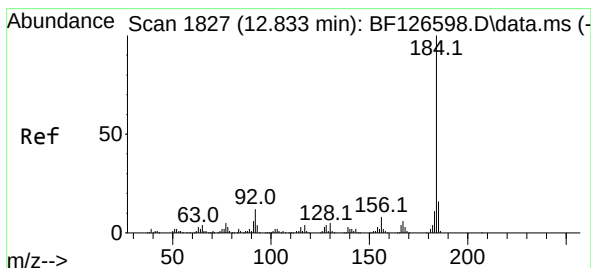
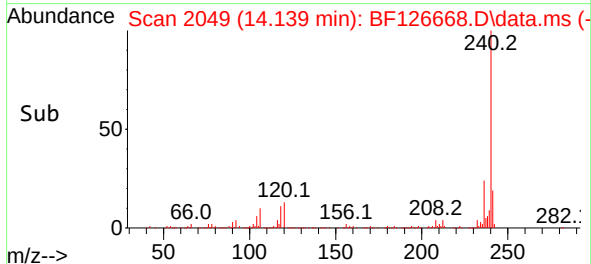
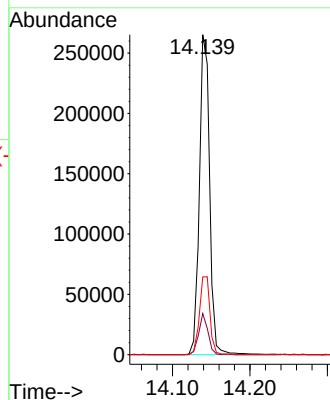
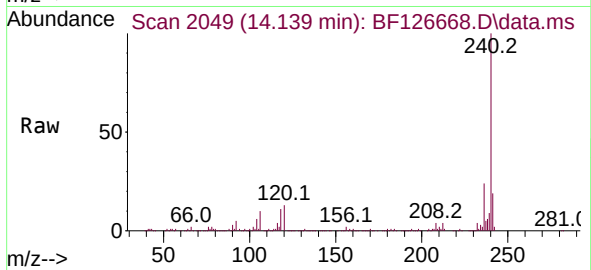




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

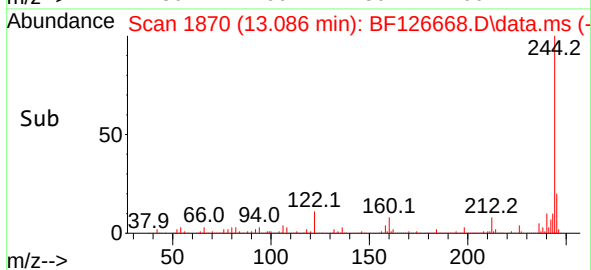
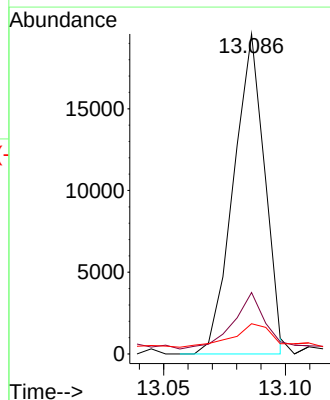
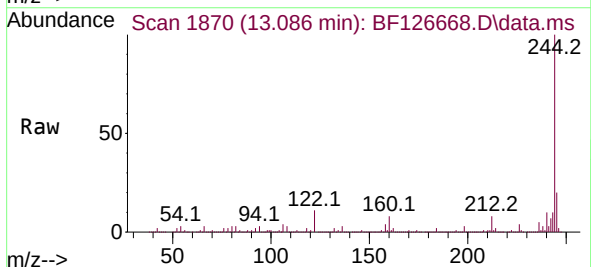
Instrument :
BNA_F
ClientSampleId :
MW-1

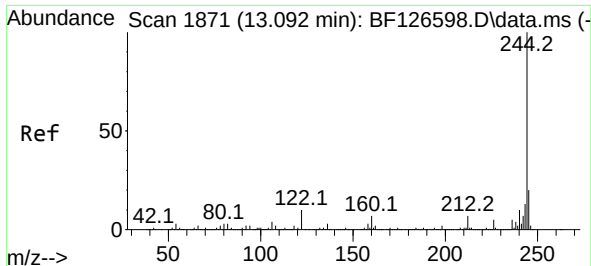
Tgt Ion:240 Resp: 242887
Ion Ratio Lower Upper
240 100
120 12.8 14.4 21.6#
236 24.3 20.5 30.7



#77
Benzidine
Concen: 2.076 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.253 min
Lab File: BF126668.D
Acq: 25 Jan 2022 17:23

Tgt Ion:184 Resp: 17396
Ion Ratio Lower Upper
184 100
185 19.2 11.8 17.8#
183 9.5 8.2 12.2

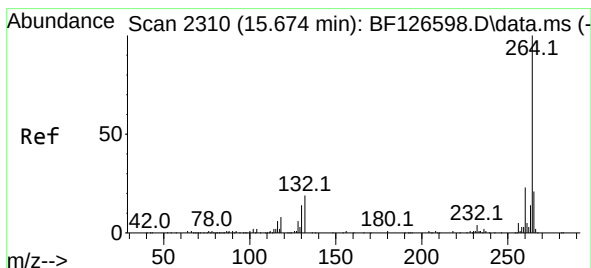
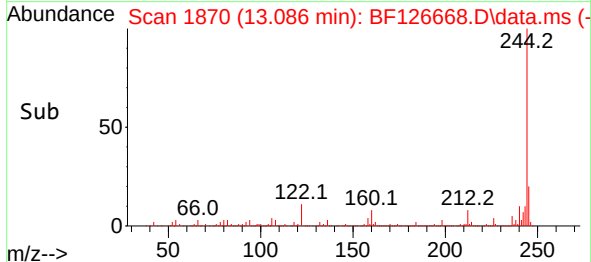
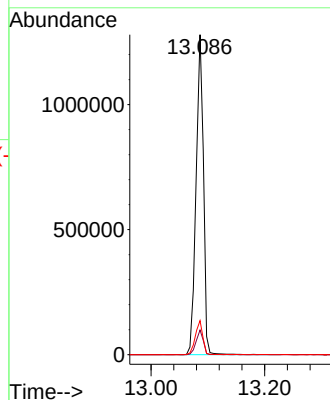
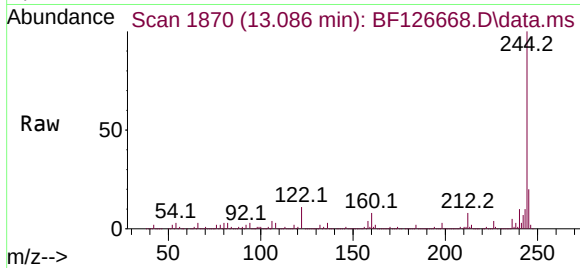




#79
 Terphenyl-d14
 Concen: 80.130 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126668.D
 Acq: 25 Jan 2022 17:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1160368
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.0 7.4#
 122 10.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. -0.012 min
 Lab File: BF126668.D
 Acq: 25 Jan 2022 17:23

Tgt Ion:264 Resp: 233204
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.4 17.4 26.2

