

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127786.D
 Acq On : 13 Apr 2022 16:12
 Operator : CG\JU
 Sample : N2333-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 13 16:52:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

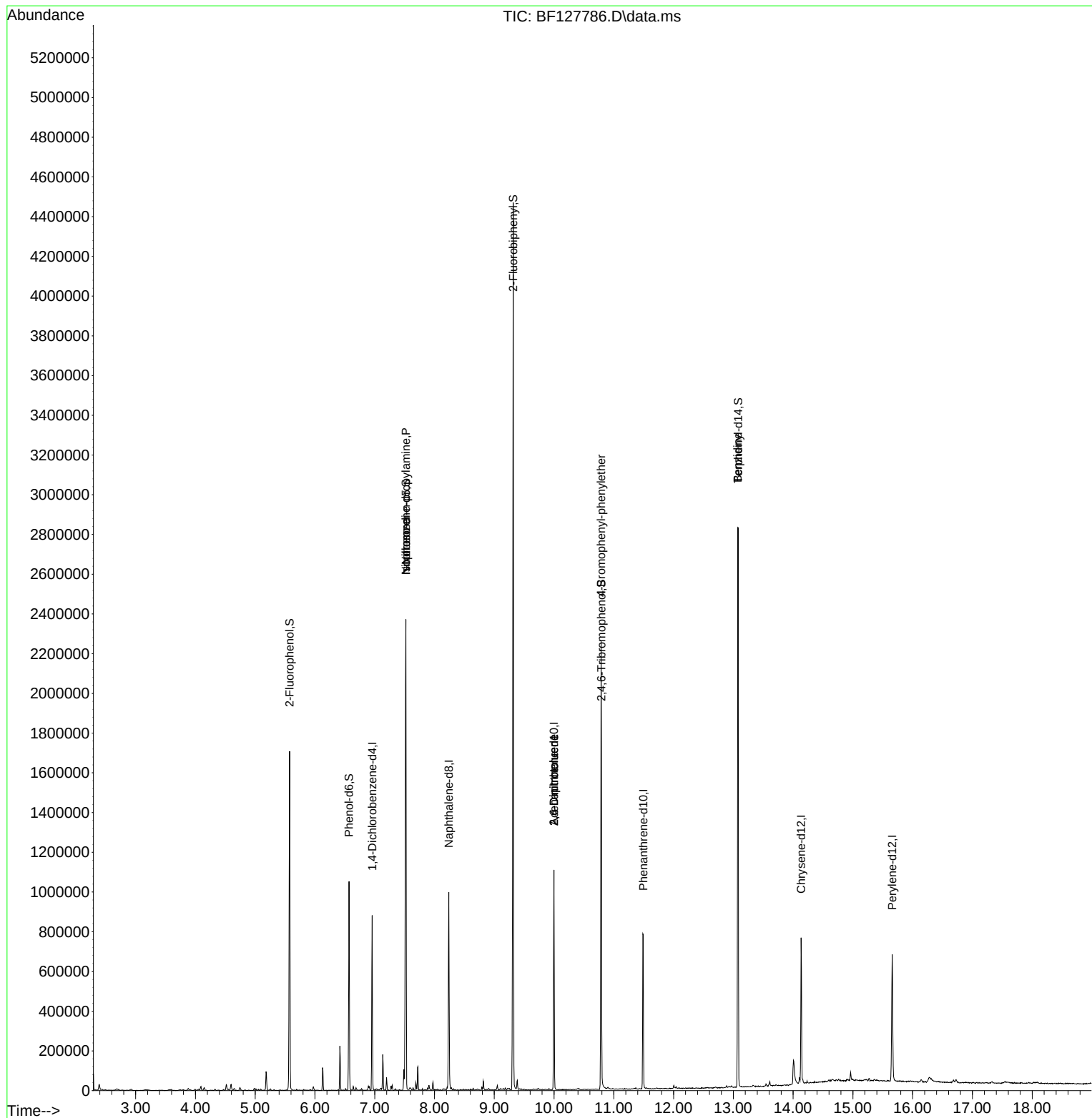
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	117393	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	410276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	204574	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	303158	20.000	ng	0.00
76) Chrysene-d12	14.133	240	254018	20.000	ng	-0.01
86) Perylene-d12	15.657	264	304754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	395153	54.695	ng	0.00
7) Phenol-d6	6.569	99	295785	31.296	ng	-0.02
23) Nitrobenzene-d5	7.522	82	794844	86.369	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	260033	119.447	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1313788	90.851	ng	0.00
79) Terphenyl-d14	13.080	244	1061266	68.961	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	445	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	107380	17.566	ng	# 74
25) Isophorone	7.522	82	791221	49.272	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	26069	9.327	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	26069	7.523	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	17390	4.727	ng	# 1
77) Benizidine	13.074	184	14244	2.148	ng	# 92

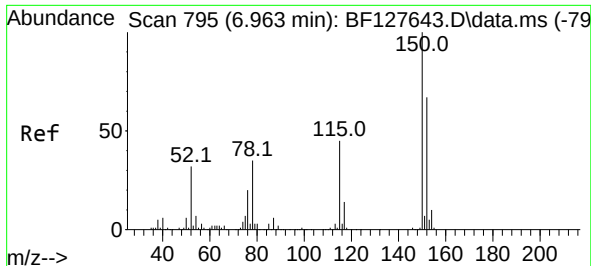
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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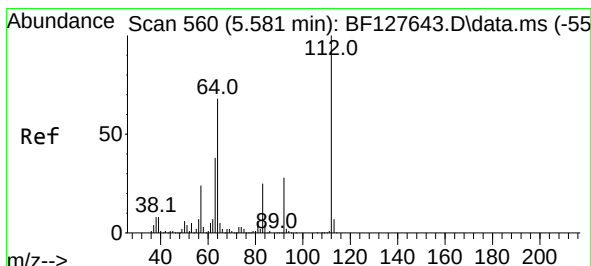
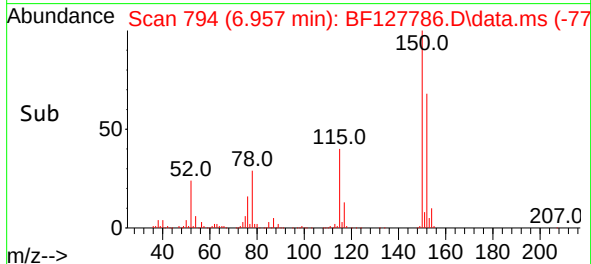
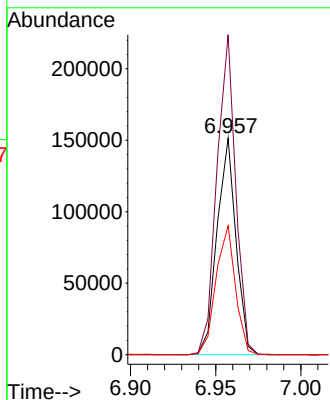
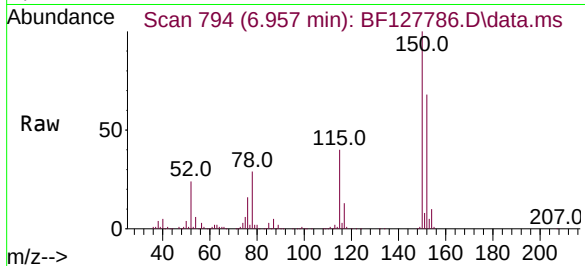




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF127786.D
 Acq: 13 Apr 2022 16:12

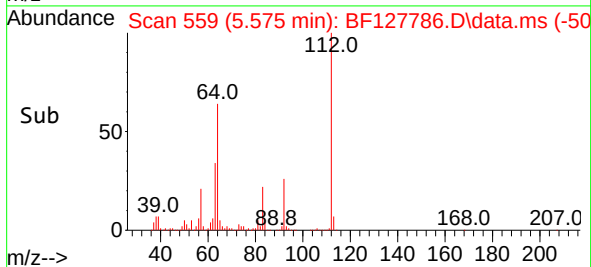
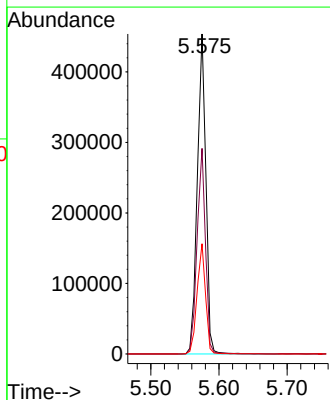
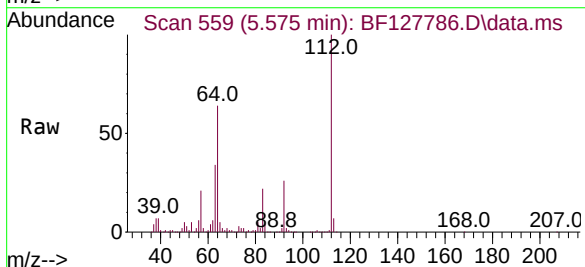
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

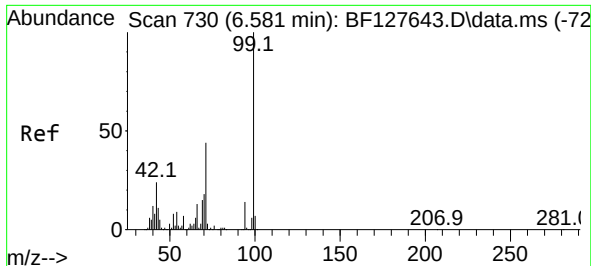
Tgt Ion:152 Resp: 117393
 Ion Ratio Lower Upper
 152 100
 150 147.8 117.2 175.8
 115 59.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 54.695 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127786.D
 Acq: 13 Apr 2022 16:12

Tgt Ion:112 Resp: 395153
 Ion Ratio Lower Upper
 112 100
 64 64.3 58.4 87.6
 63 34.5 30.1 45.1

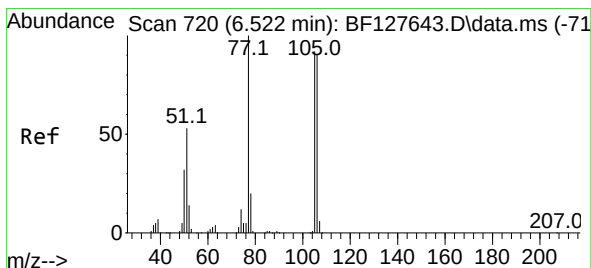
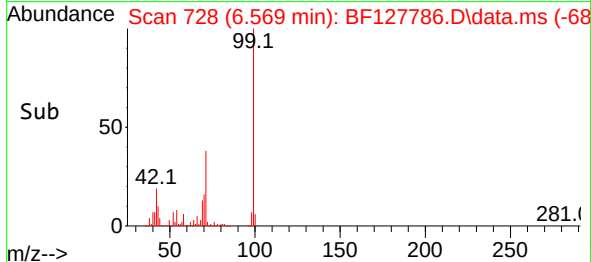
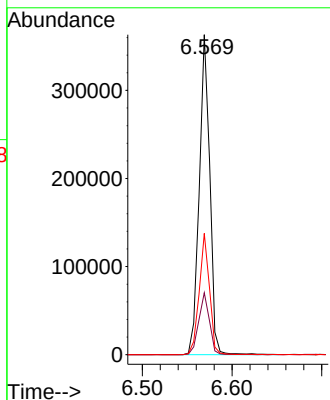
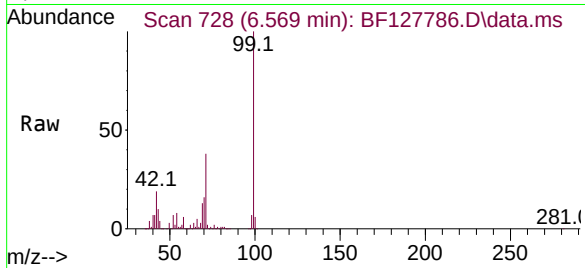




#7
Phenol-d6
Concen: 31.296 ng
RT: 6.569 min Scan# 718
Delta R.T. -0.018 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

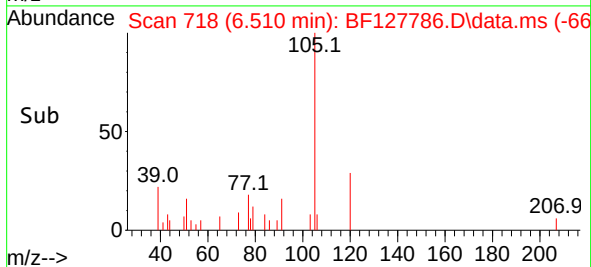
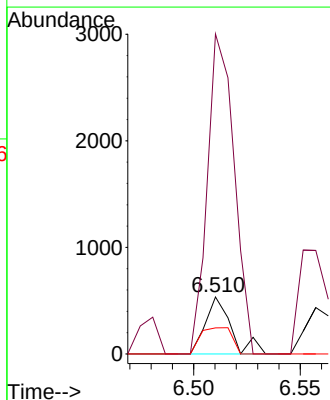
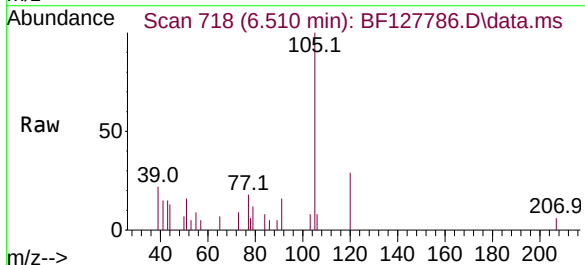
Instrument :
BNA_F
ClientSampleId :
MW-2

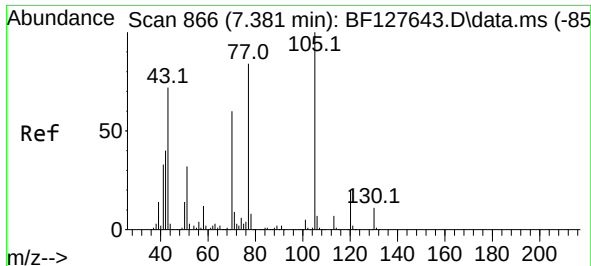
Tgt Ion: 99 Resp: 295785
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion: 77 Resp: 445
Ion Ratio Lower Upper
77 100
105 561.3 66.8 106.8#
106 45.8 64.3 104.3#

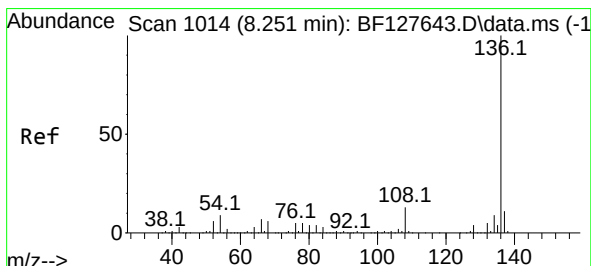
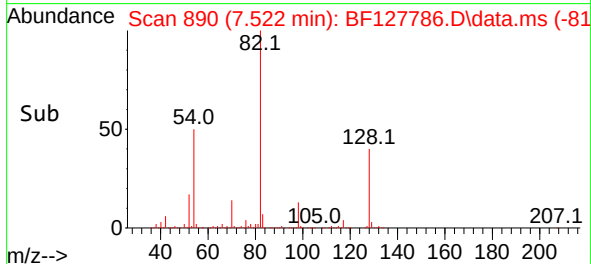
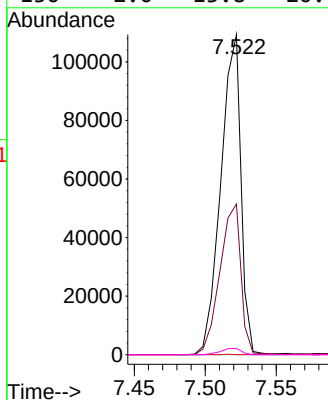
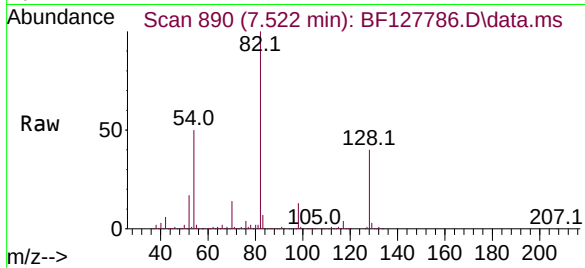




#19
n-Nitroso-di-n-propylamine
Concen: 17.566 ng
RT: 7.522 min Scan# 89
Delta R.T. 0.147 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

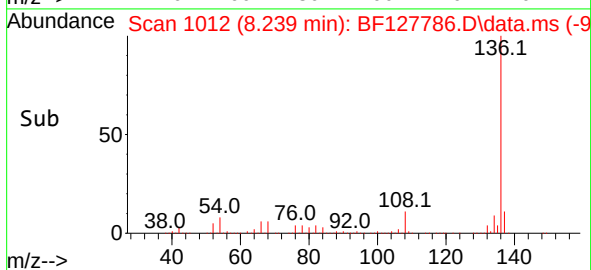
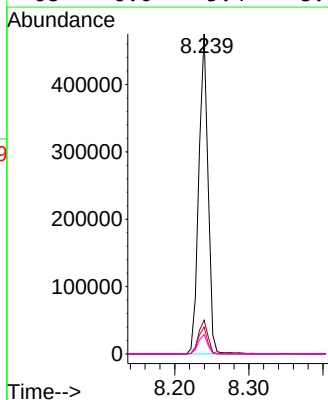
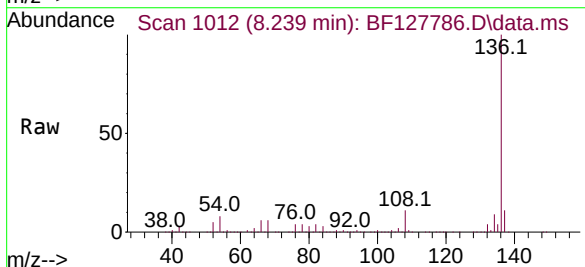
Instrument :
BNA_F
ClientSampleId :
MW-2

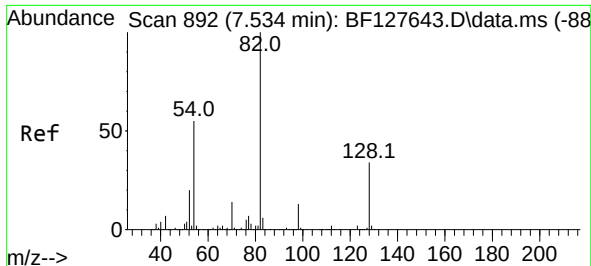
Tgt Ion: 70 Resp: 107380
Ion Ratio Lower Upper
70 100
42 47.1 53.0 79.6#
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion: 136 Resp: 410276
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 9.2 13.8#
68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 86.369 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127786.D

Acq: 13 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-2

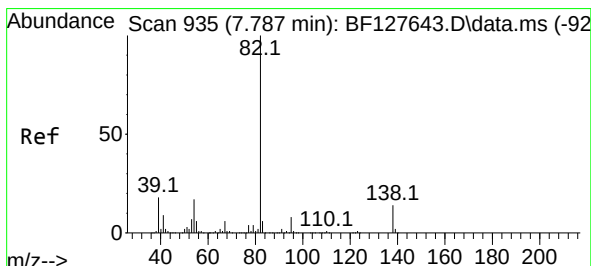
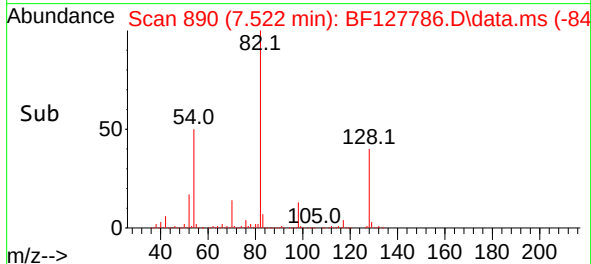
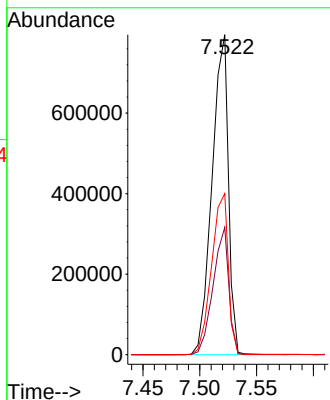
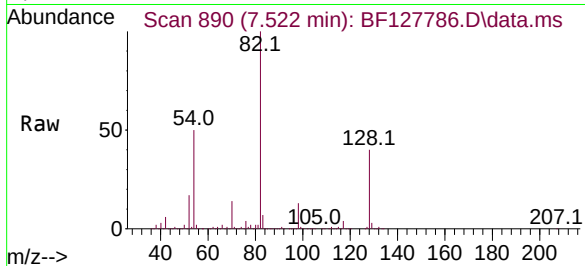
Tgt Ion: 82 Resp: 794844

Ion Ratio Lower Upper

82 100

128 39.8 30.6 45.8

54 50.4 48.2 72.2



#25

Isophorone

Concen: 49.272 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127786.D

Acq: 13 Apr 2022 16:12

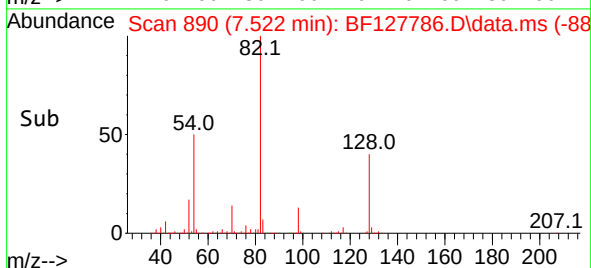
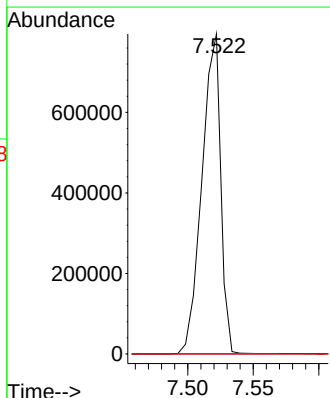
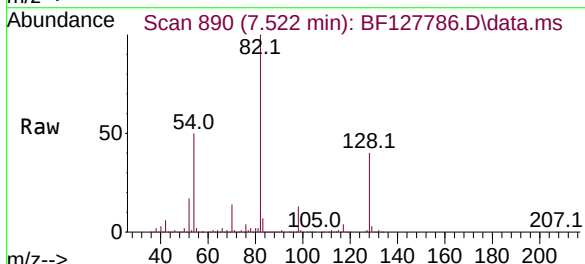
Tgt Ion: 82 Resp: 791221

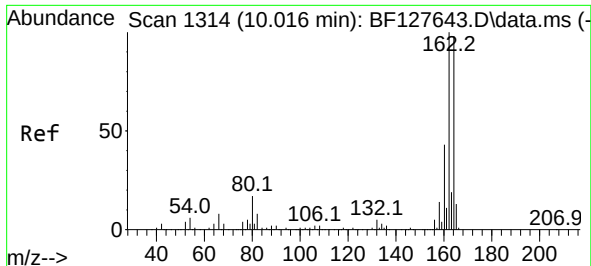
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

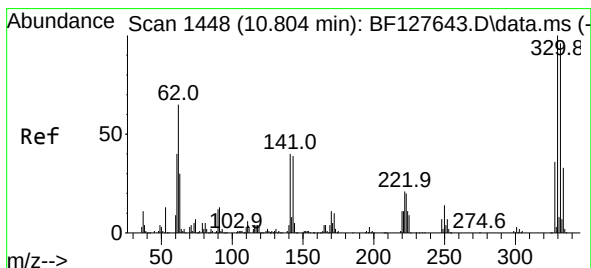
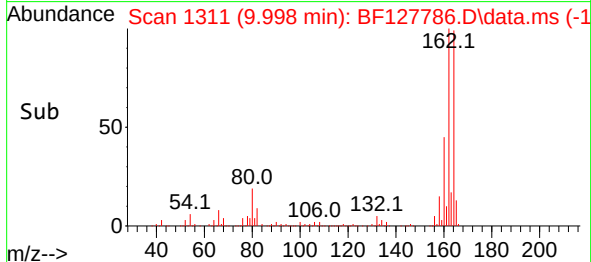
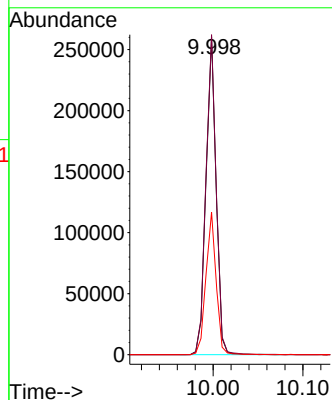
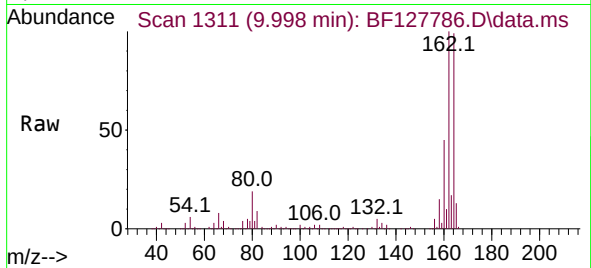




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

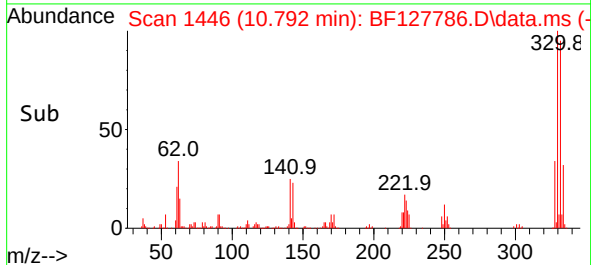
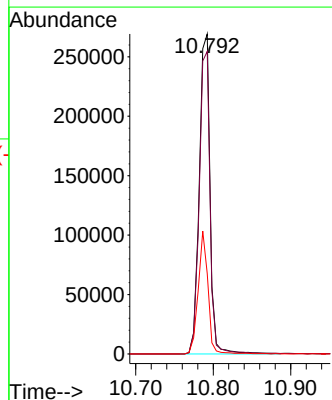
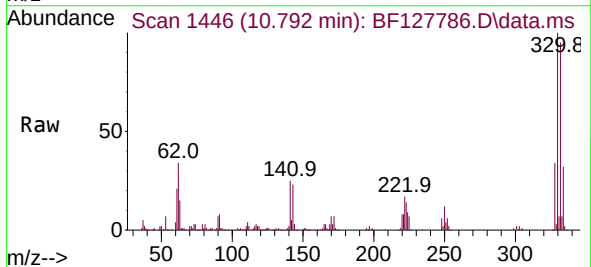
Instrument :
BNA_F
ClientSampleId :
MW-2

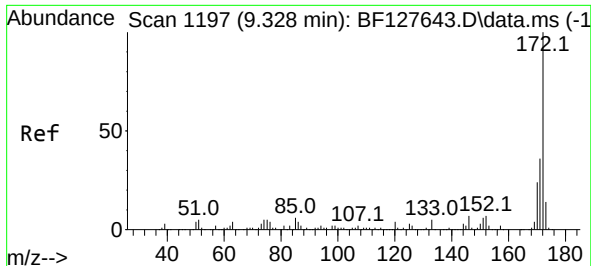
Tgt Ion:164 Resp: 204574
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 119.447 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion:330 Resp: 260033
Ion Ratio Lower Upper
330 100
332 94.7 79.1 118.7
141 34.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 90.851 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127786.D

Acq: 13 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-2

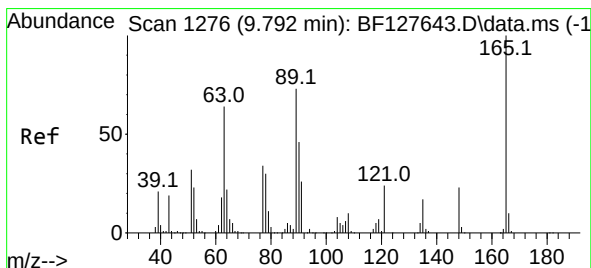
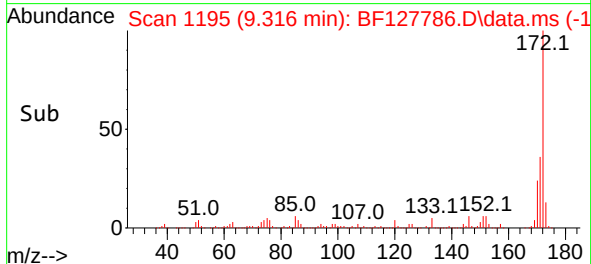
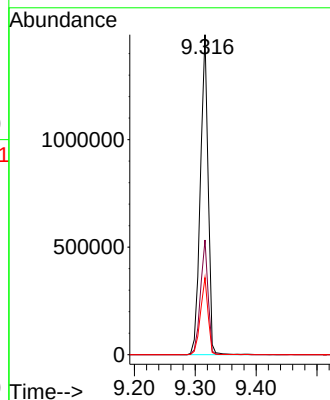
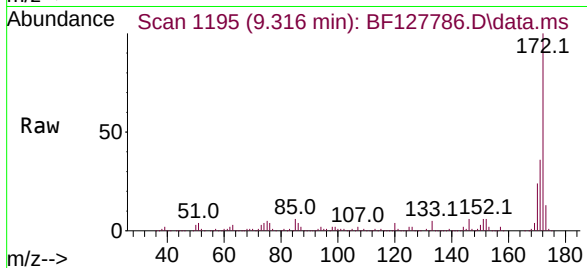
Tgt Ion:172 Resp: 1313788

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.327 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127786.D

Acq: 13 Apr 2022 16:12

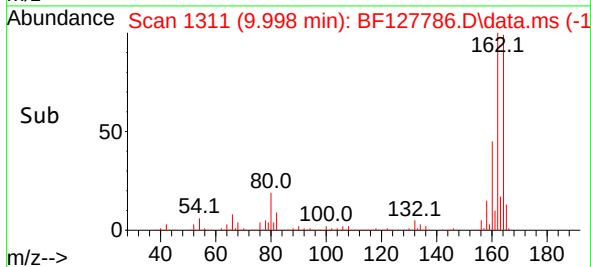
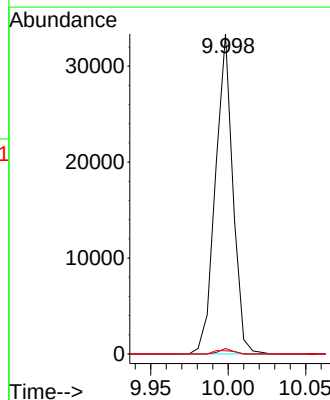
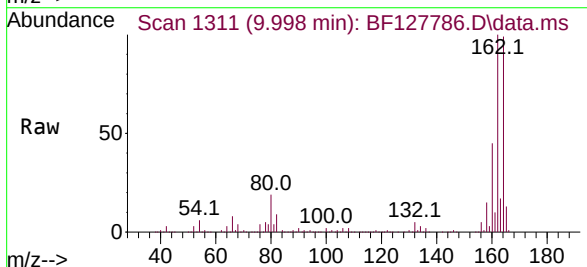
Tgt Ion:165 Resp: 26069

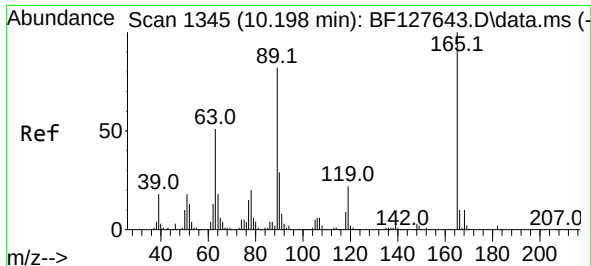
Ion Ratio Lower Upper

165 100

63 1.7 58.3 87.5#

89 1.0 51.5 77.3#

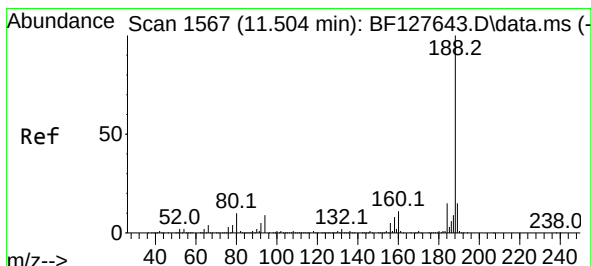
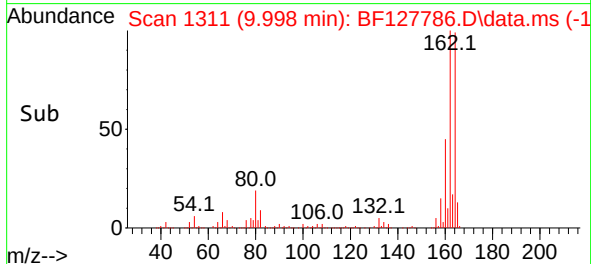
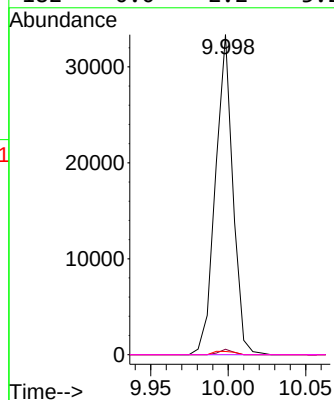
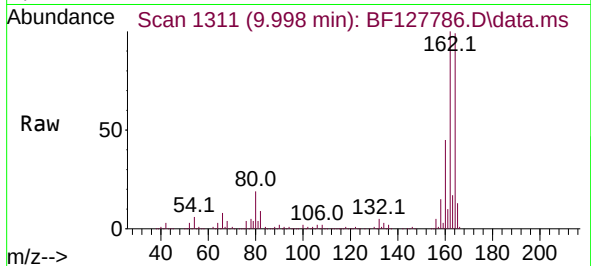




#57
2,4-Dinitrotoluene
Concen: 7.523 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

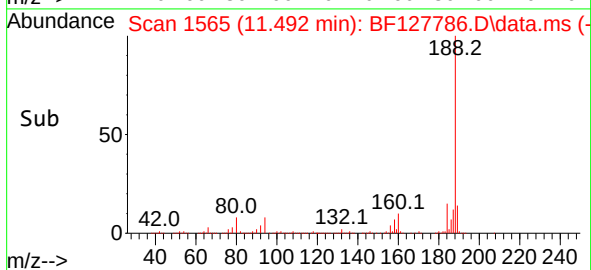
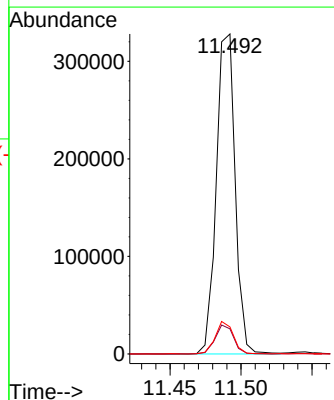
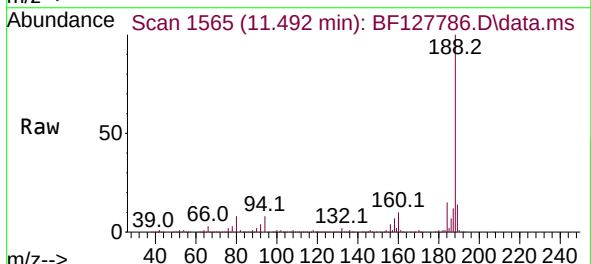
Instrument :
BNA_F
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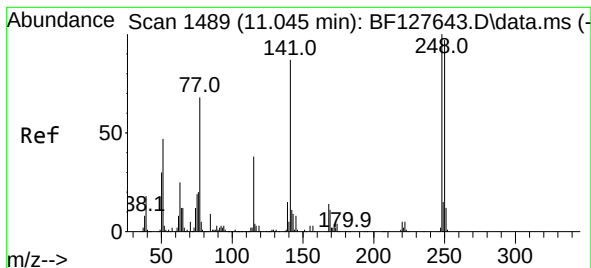
Tgt Ion:165	Resp:	26069
Ion	Ratio	Lower Upper
165	100	
63	1.7	53.1 79.7#
89	1.0	69.2 103.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion:188	Resp:	303158
Ion	Ratio	Lower Upper
188	100	
94	7.9	7.4 11.0
80	8.4	8.0 12.0

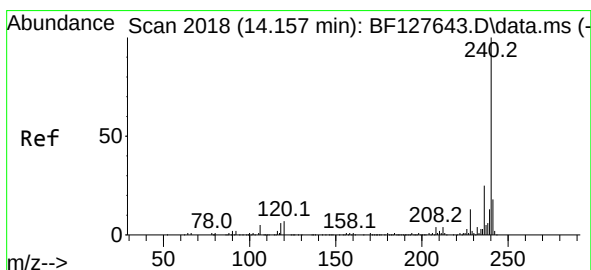
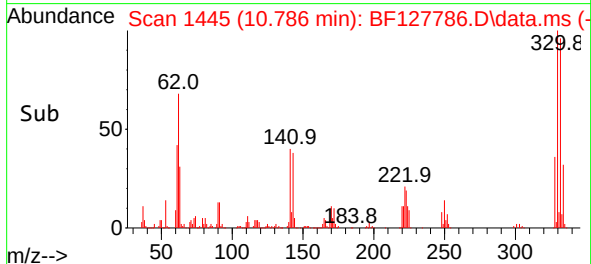
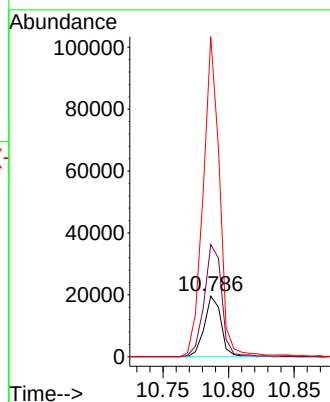
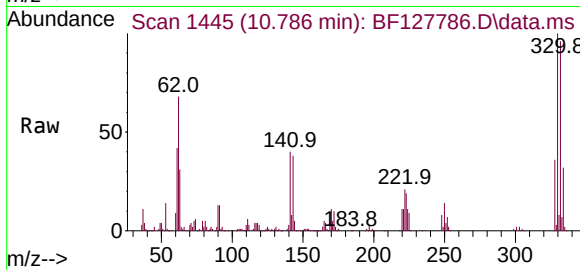




#67
4-Bromophenyl-phenylether
Concen: 4.727 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

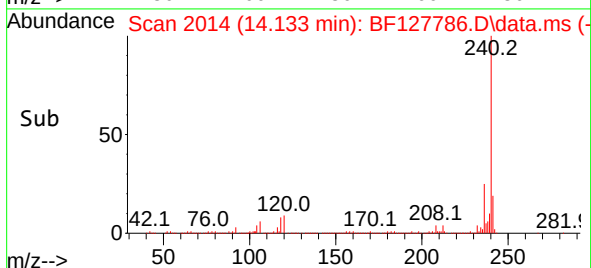
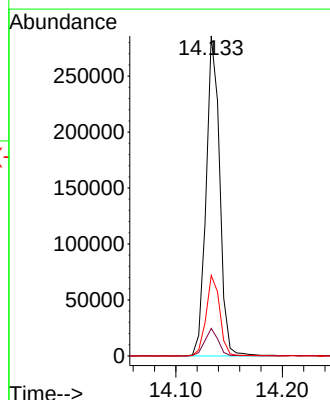
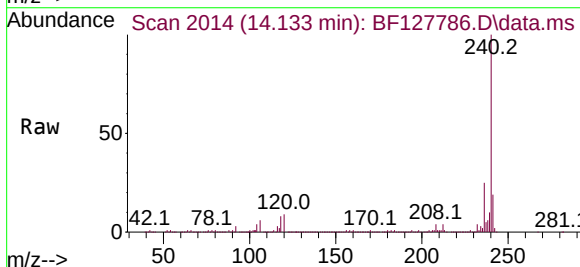
Instrument :
BNA_F
ClientSampleId :
MW-2

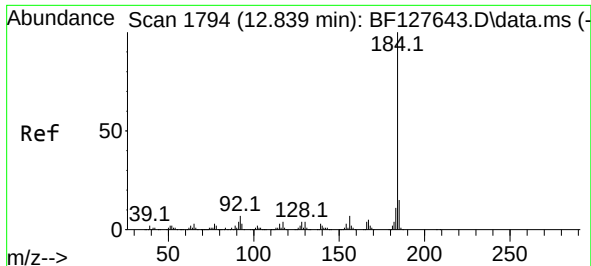
Tgt Ion:248 Resp: 17390
Ion Ratio Lower Upper
248 100
250 185.4 76.6 115.0#
141 529.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion:240 Resp: 254018
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.2 20.7 31.1

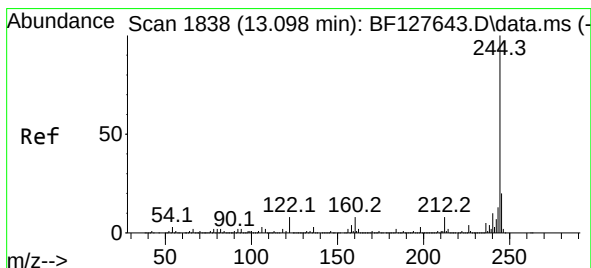
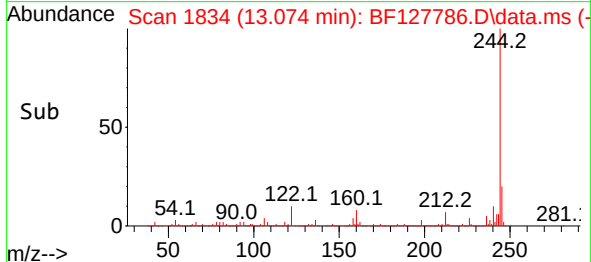
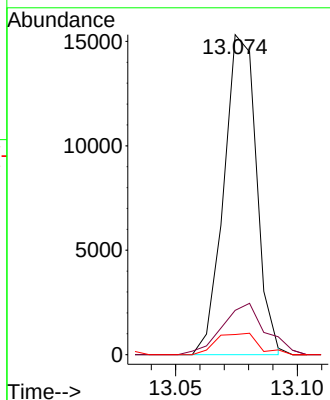
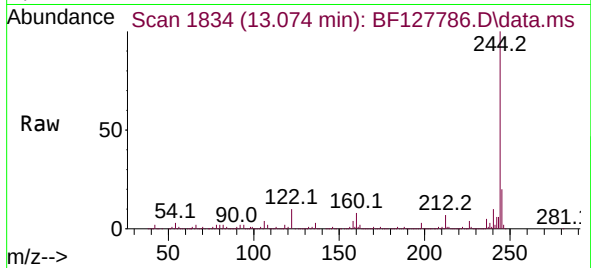




#77
Benzidine
Concen: 2.148 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

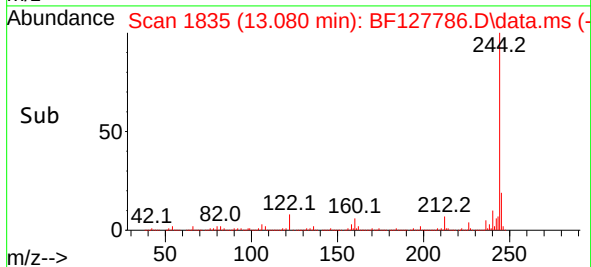
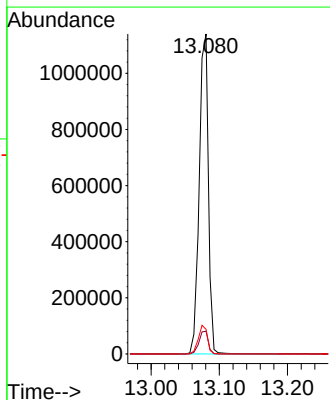
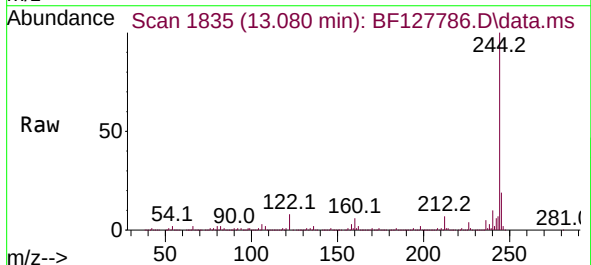
Instrument :
BNA_F
ClientSampleId :
MW-2

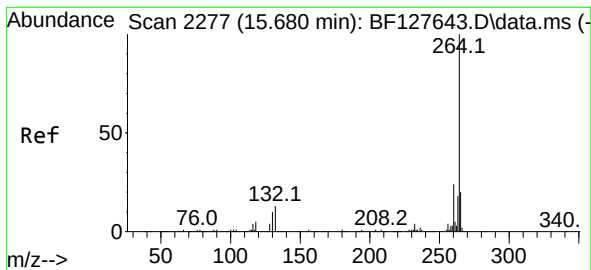
Tgt Ion:184 Resp: 14244
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 68.961 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127786.D
Acq: 13 Apr 2022 16:12

Tgt Ion:244 Resp: 1061266
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 7.7 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127786.D

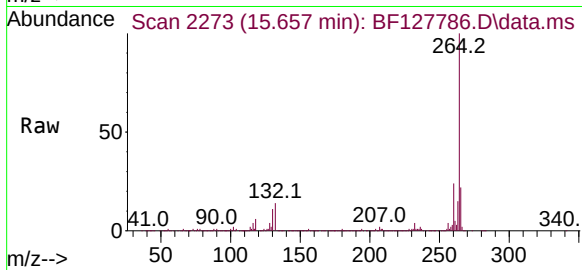
Acq: 13 Apr 2022 16:12

Instrument :

BNA_F

ClientSampleId :

MW-2



Tgt Ion:264 Resp: 304754

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.6 17.4 26.2

