

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127668.D
 Acq On : 07 Apr 2022 00:57
 Operator : CG\JU
 Sample : N2258-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-E5

Quant Time: Apr 07 02:41:07 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 06 13:55:27 2022
 Response via : Initial Calibration

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

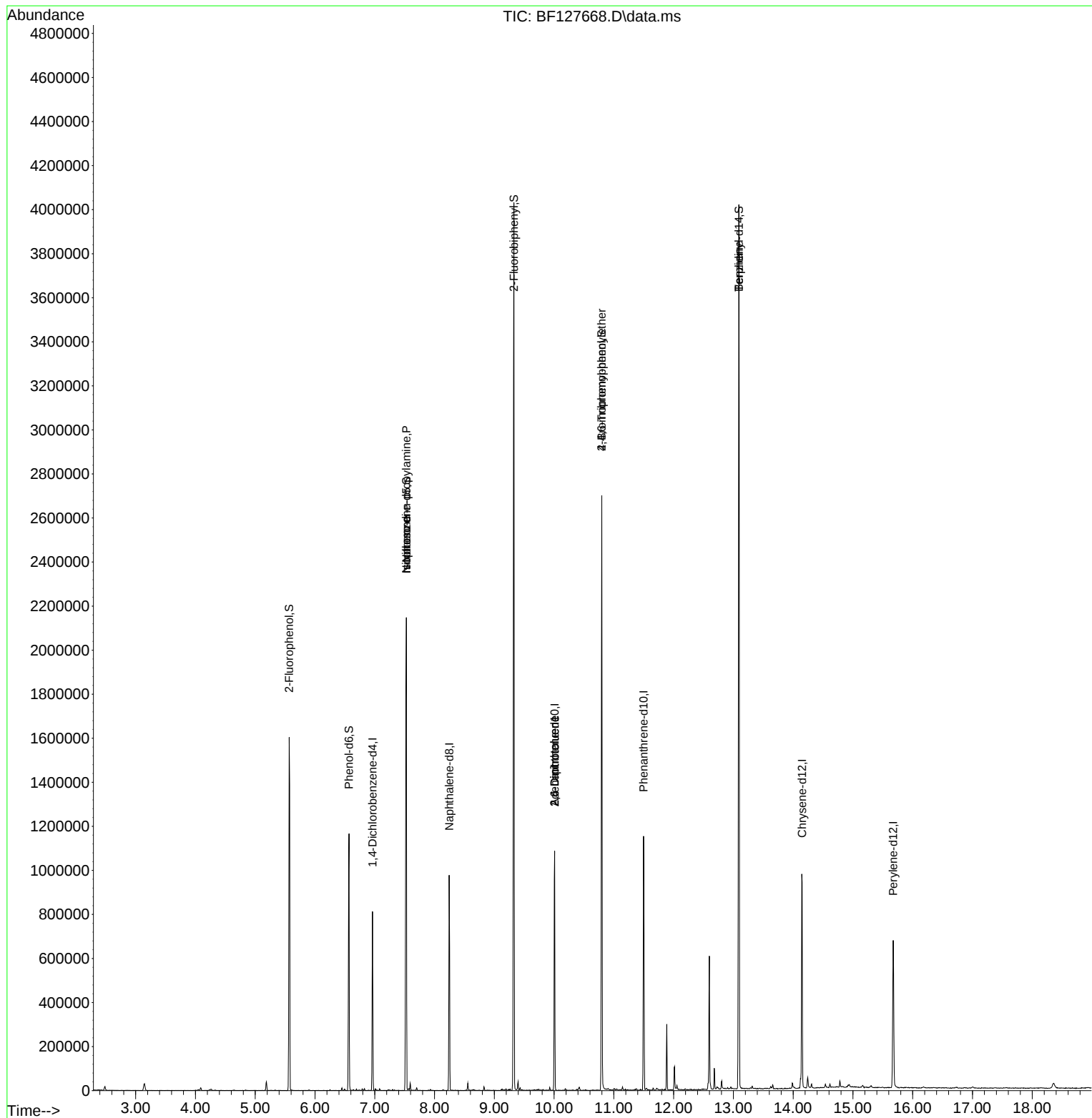
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	102599	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	369307	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	215350	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	410127	20.000	ng	0.00
76) Chrysene-d12	14.151	240	357080	20.000	ng	0.00
86) Perylene-d12	15.674	264	318411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	397241	62.913	ng	-0.01
7) Phenol-d6	6.569	99	324497	39.284	ng	-0.01
23) Nitrobenzene-d5	7.528	82	677346	81.767	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	282691	123.357	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1180208	77.530	ng	0.00
79) Terphenyl-d14	13.092	244	1447332	66.903	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.569	77	541	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	92266	17.270	ng	# 76
25) Isophorone	7.528	82	677336	46.859	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	27272	9.269	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	27272	7.476	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	19335	3.885	ng	# 1
77) Benzydine	13.092	184	22664	2.432	ng	# 93

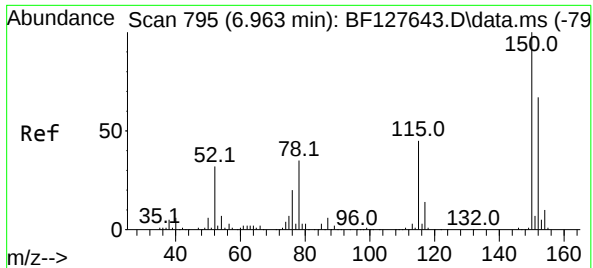
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
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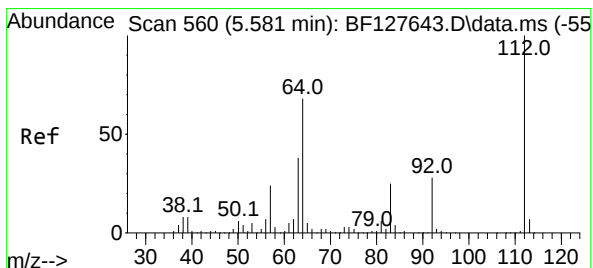
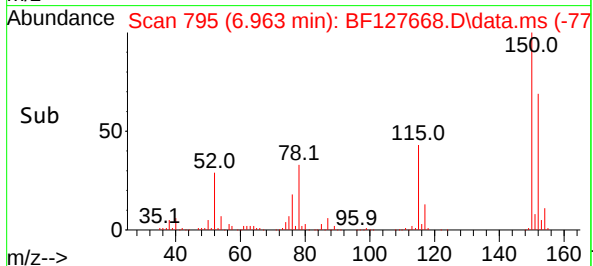
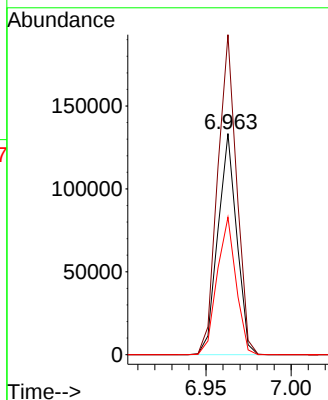
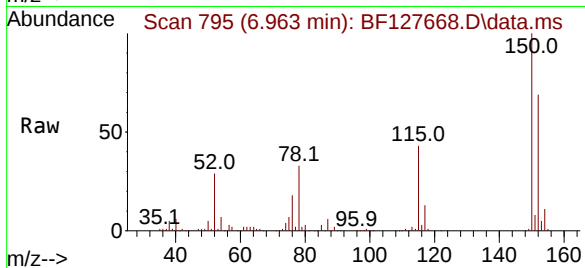




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

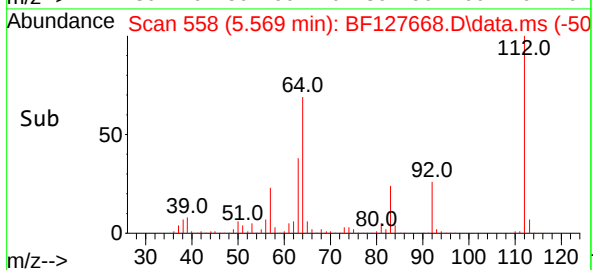
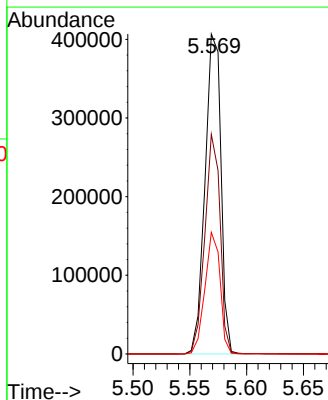
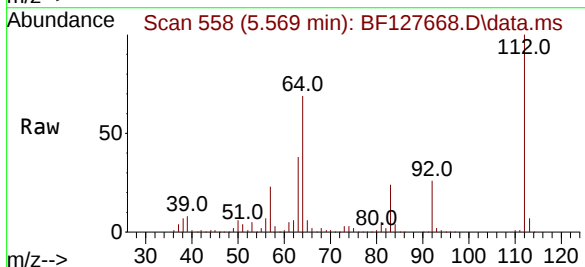
Instrument :
BNA_F
ClientSampleId :
TW-E5

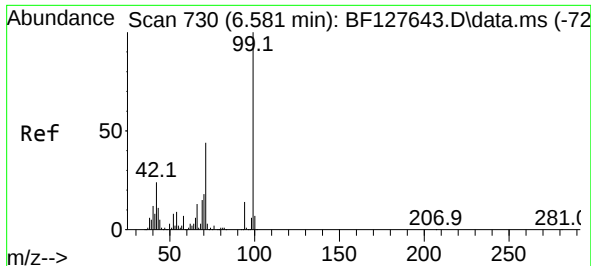
Tgt Ion:152 Resp: 102599
Ion Ratio Lower Upper
152 100
150 144.7 117.2 175.8
115 62.1 49.8 74.6



#5
2-Fluorophenol
Concen: 62.913 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.012 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion:112 Resp: 397241
Ion Ratio Lower Upper
112 100
64 68.6 58.4 87.6
63 38.0 30.1 45.1

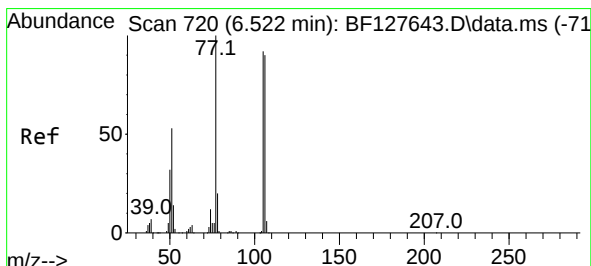
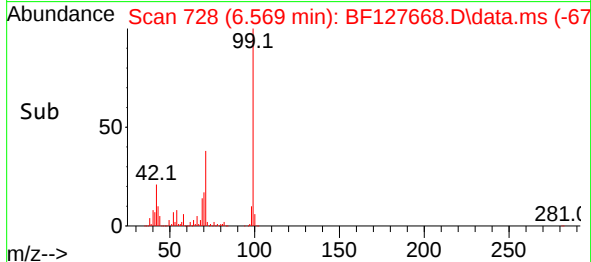
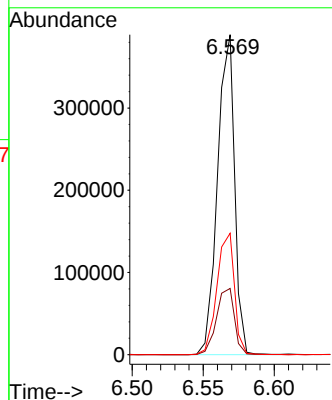
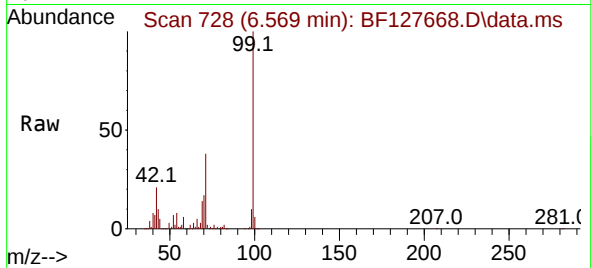




#7
Phenol-d6
Concen: 39.284 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

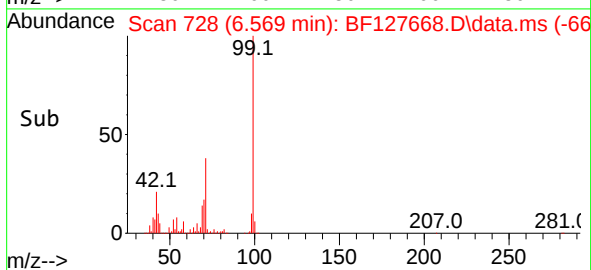
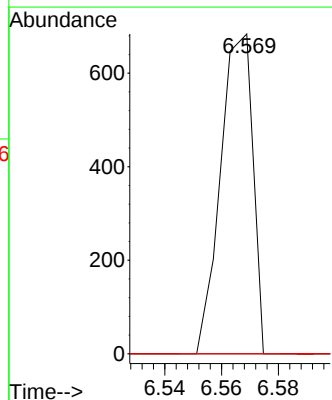
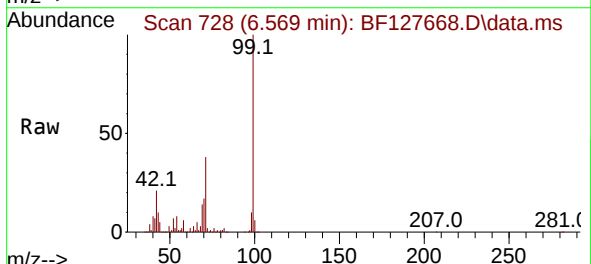
Instrument :
BNA_F
ClientSampleId :
TW-E5

Tgt Ion: 99 Resp: 324497
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.047 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion: 77 Resp: 541
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



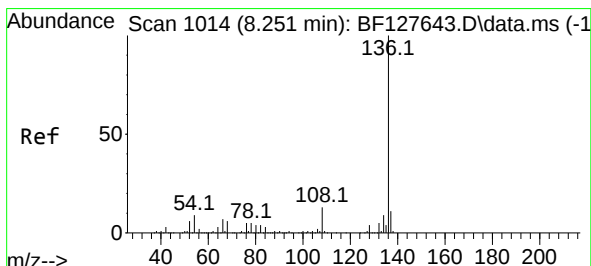
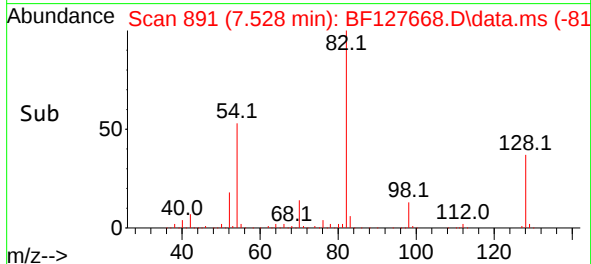
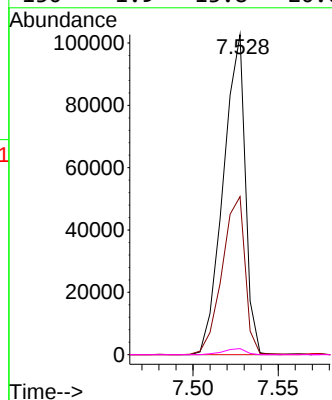
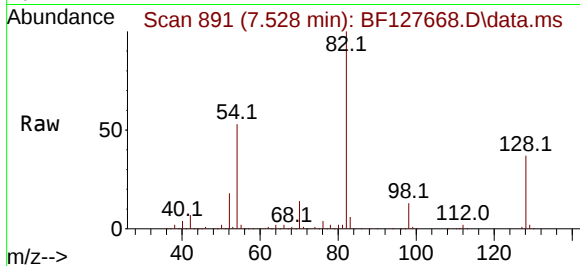


#19
n-Nitroso-di-n-propylamine
Concen: 17.270 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Instrument :
BNA_F
ClientSampleId :
TW-E5

Tgt Ion: 70 Resp: 92266

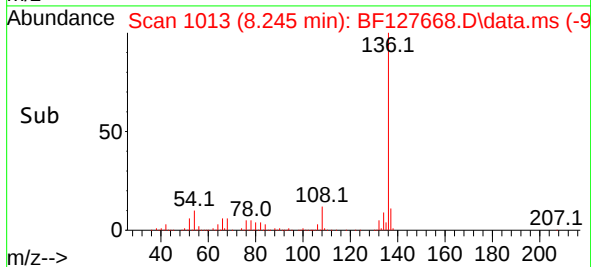
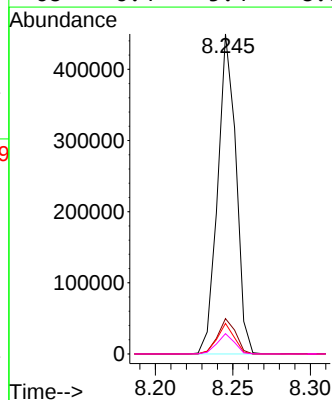
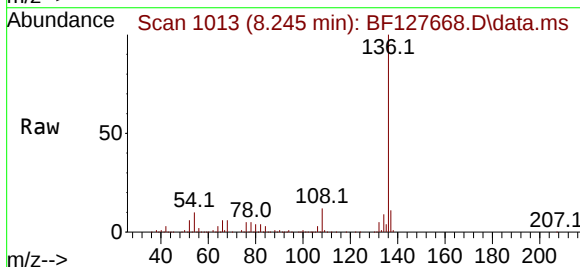
Ion	Ratio	Lower	Upper
70	100		
42	49.4	53.0	79.6#
101	0.0	6.8	10.2#
130	1.9	13.8	20.6#

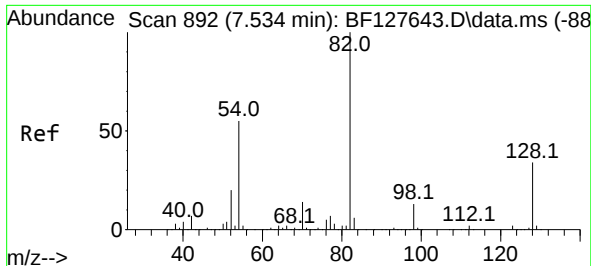


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion: 136 Resp: 369307

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	9.2	13.8
68	6.4	5.4	8.0





#23

Nitrobenzene-d5

Concen: 81.767 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127668.D

Acq: 07 Apr 2022 00:57

Instrument :

BNA_F

ClientSampleId :

TW-E5

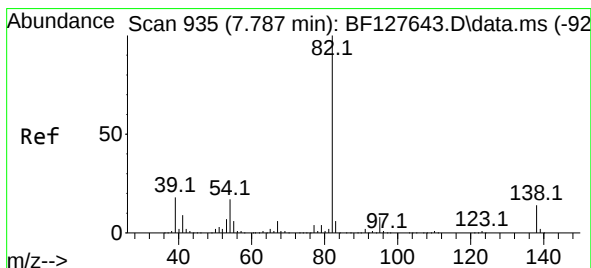
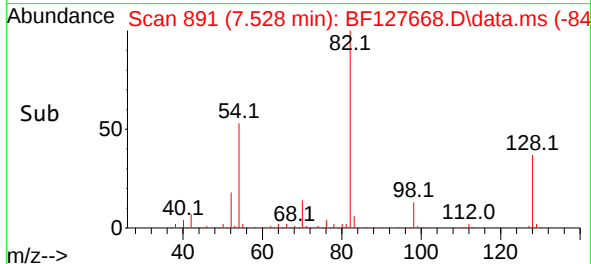
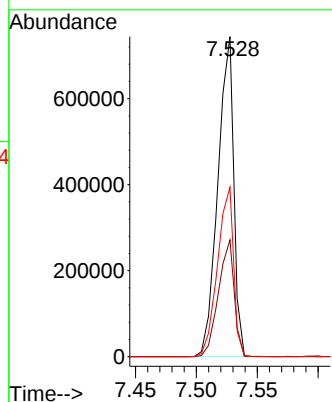
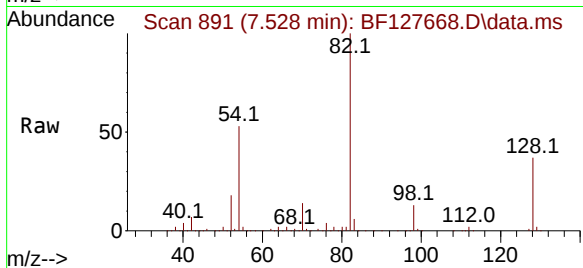
Tgt Ion: 82 Resp: 677346

Ion Ratio Lower Upper

82 100

128 36.5 30.6 45.8

54 53.0 48.2 72.2



#25

Isophorone

Concen: 46.859 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127668.D

Acq: 07 Apr 2022 00:57

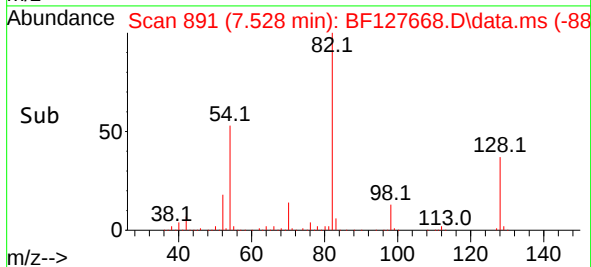
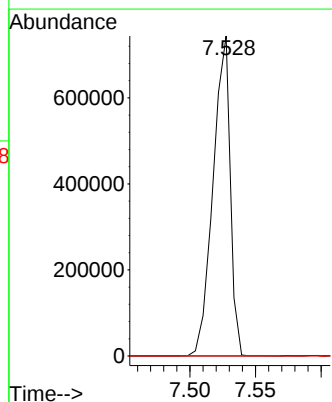
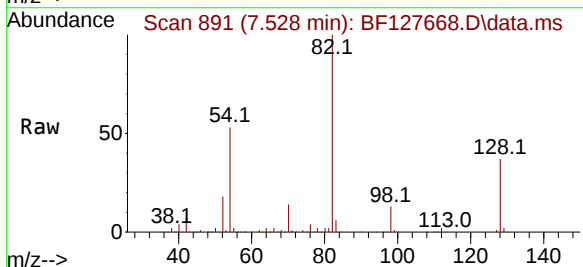
Tgt Ion: 82 Resp: 677336

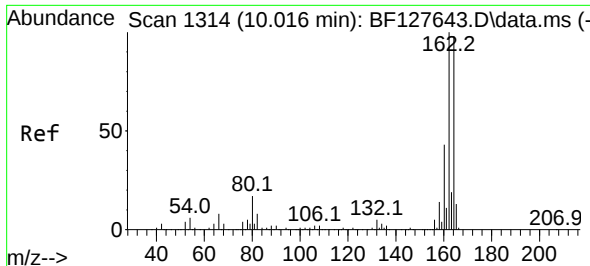
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

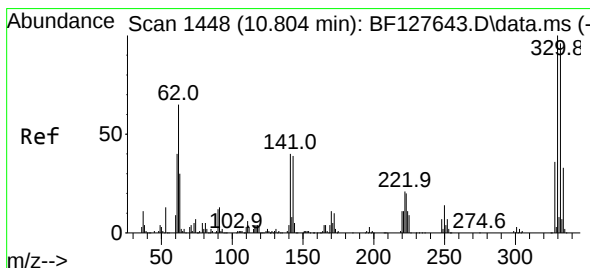
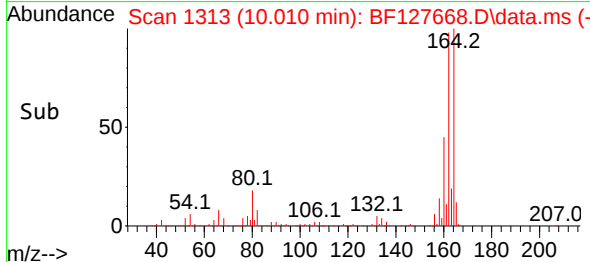
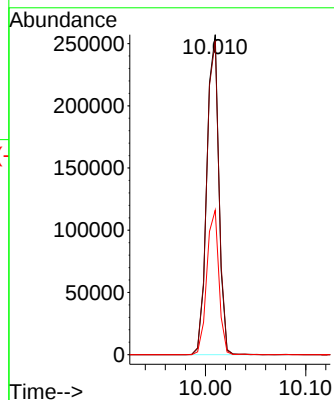
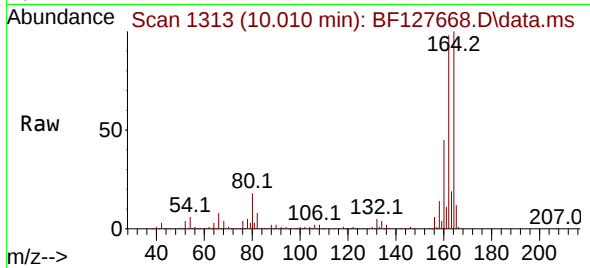




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

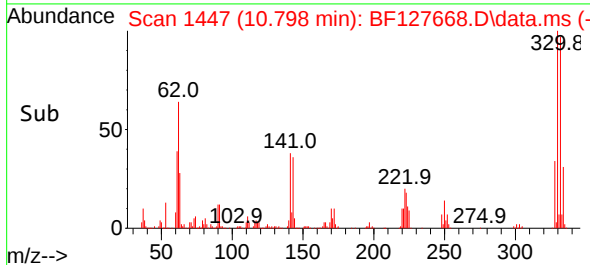
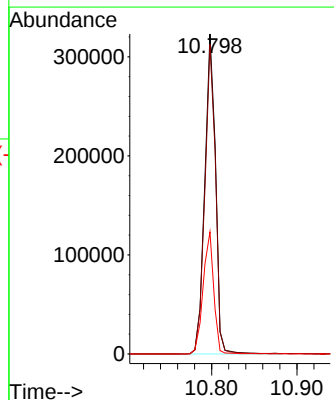
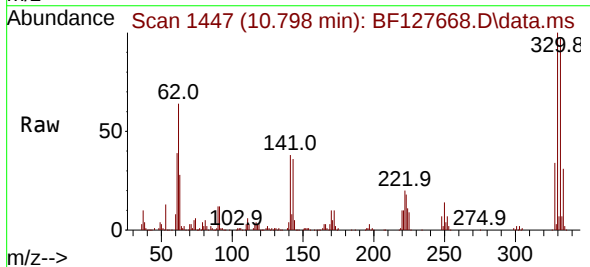
Instrument :
BNA_F
ClientSampleId :
TW-E5

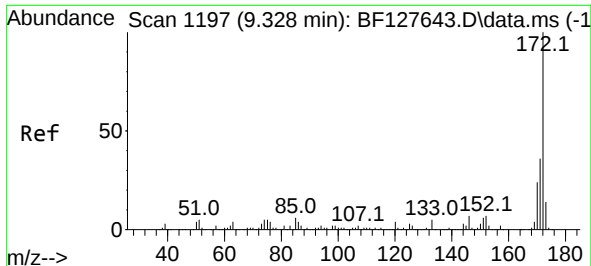
Tgt Ion:164 Resp: 215350
Ion Ratio Lower Upper
164 100
162 98.1 81.2 121.8
160 45.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 123.357 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion:330 Resp: 282691
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 37.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.530 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127668.D

Acq: 07 Apr 2022 00:57

Instrument :

BNA_F

ClientSampleId :

TW-E5

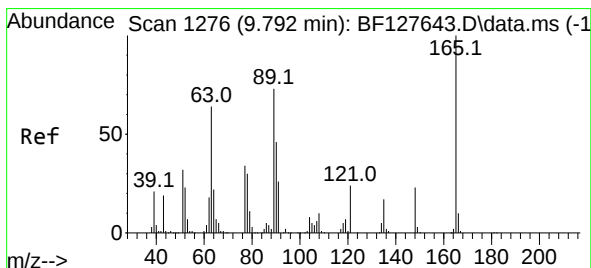
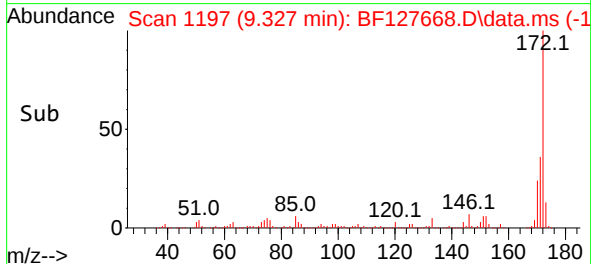
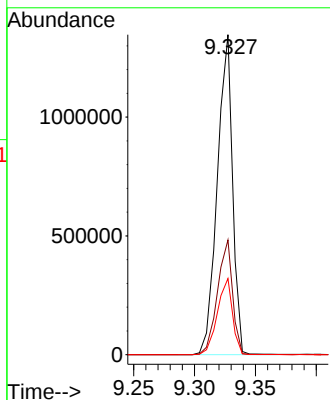
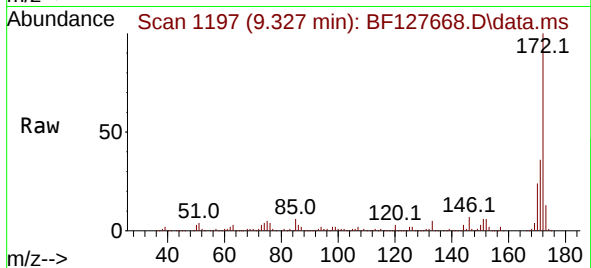
Tgt Ion:172 Resp: 1180208

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.269 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127668.D

Acq: 07 Apr 2022 00:57

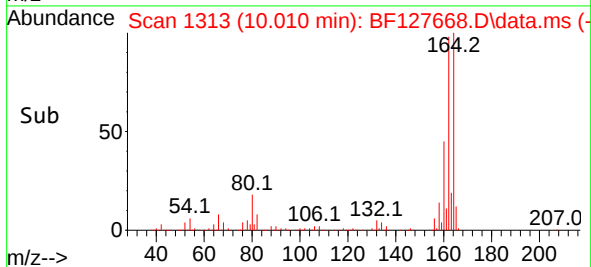
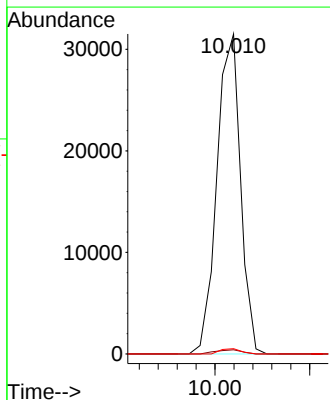
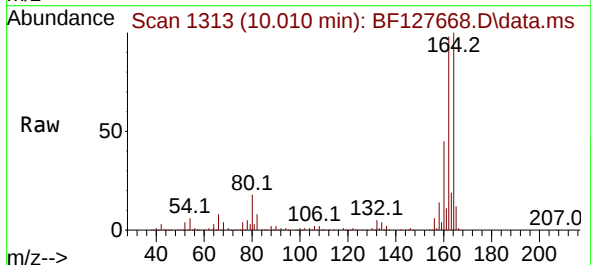
Tgt Ion:165 Resp: 27272

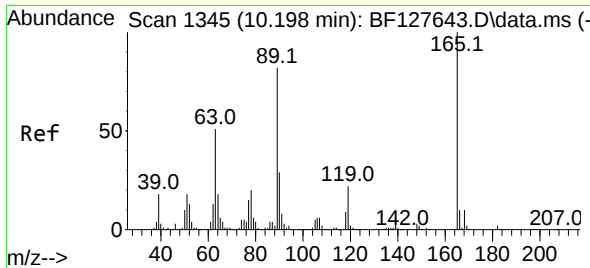
Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.7 51.5 77.3#

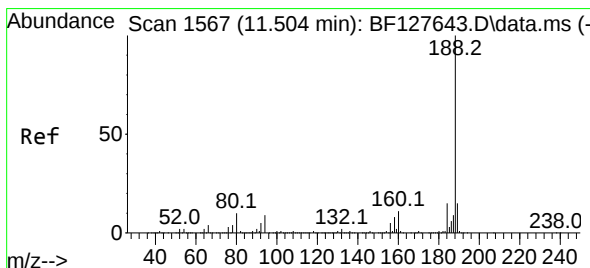
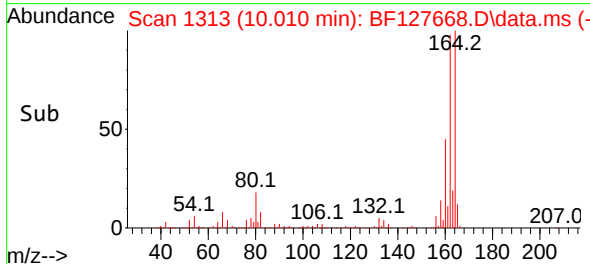
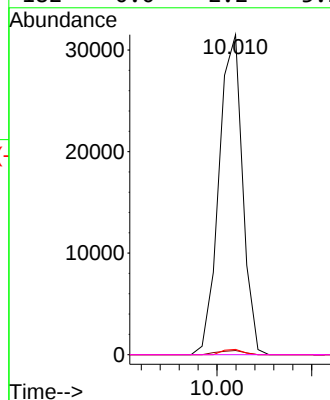
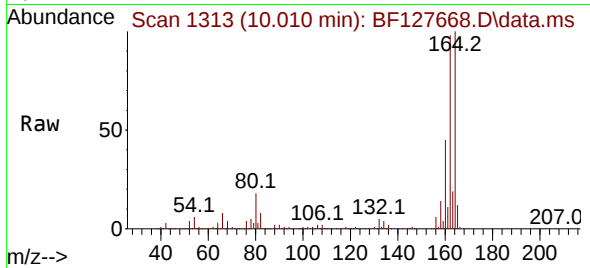




#57
2,4-Dinitrotoluene
Concen: 7.476 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

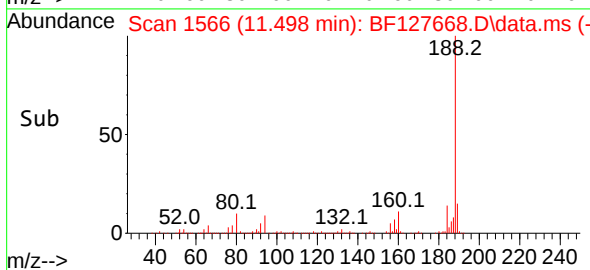
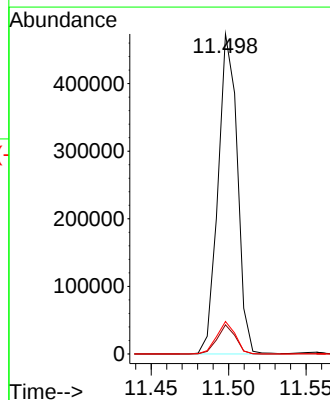
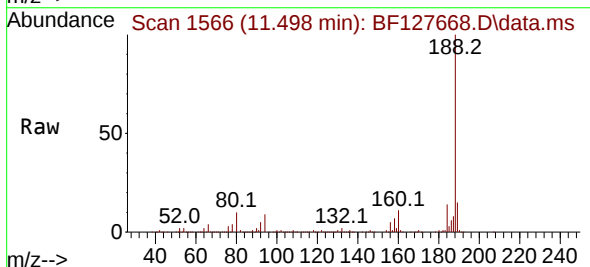
Instrument :
BNA_F
ClientSampleId :
TW-E5

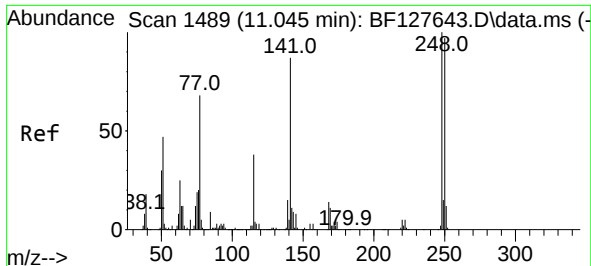
Tgt Ion:165 Resp: 27272
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion:188 Resp: 410127
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.2 8.0 12.0

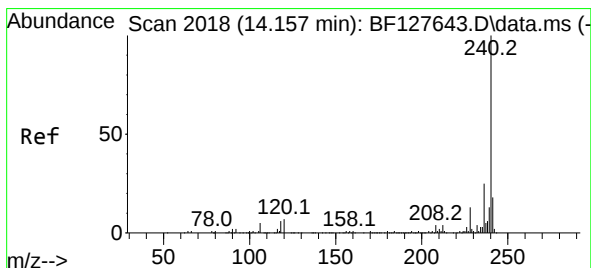
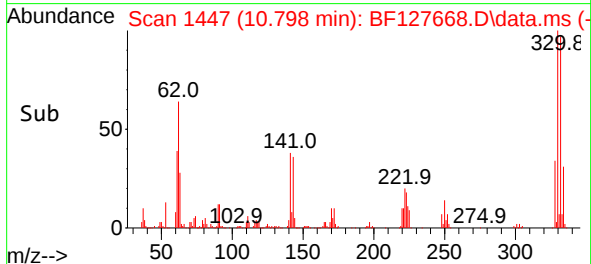
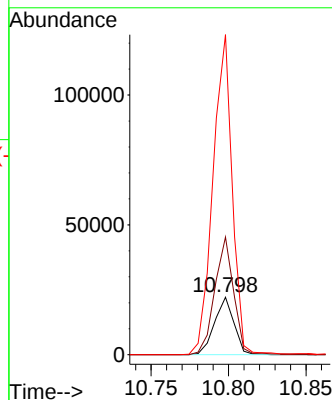
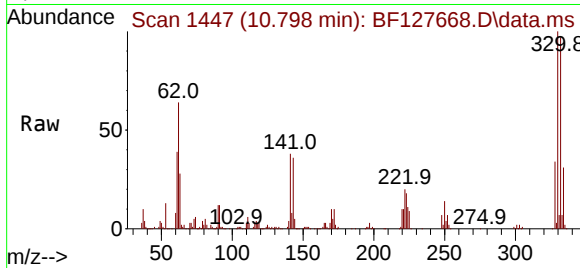




#67
4-Bromophenyl-phenylether
Concen: 3.885 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

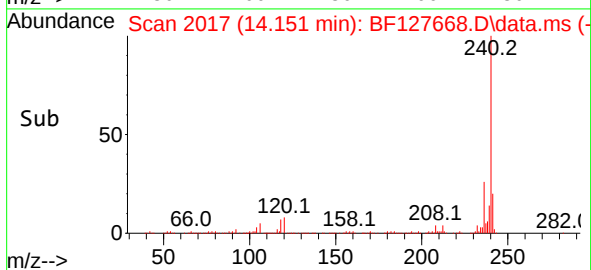
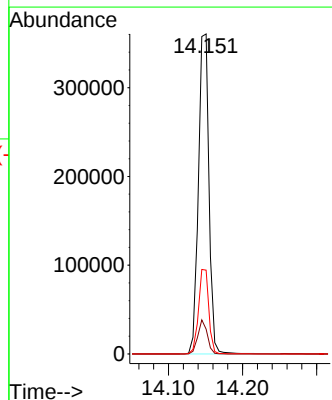
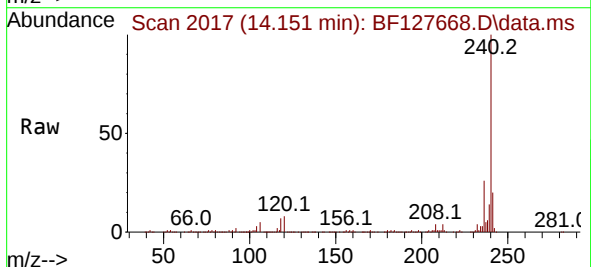
Instrument :
BNA_F
ClientSampleId :
TW-E5

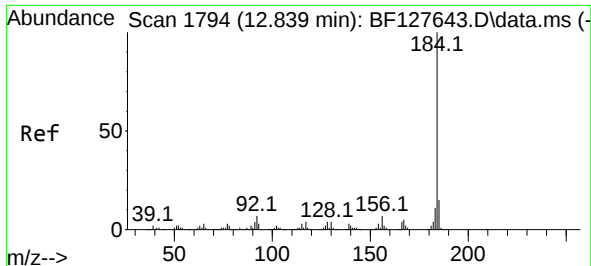
Tgt Ion:248 Resp: 19335
Ion Ratio Lower Upper
248 100
250 204.4 76.6 115.0#
141 556.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion:240 Resp: 357080
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.2 20.7 31.1

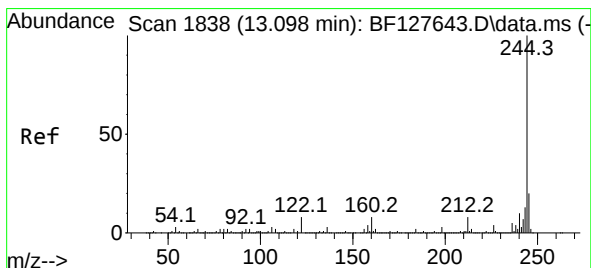
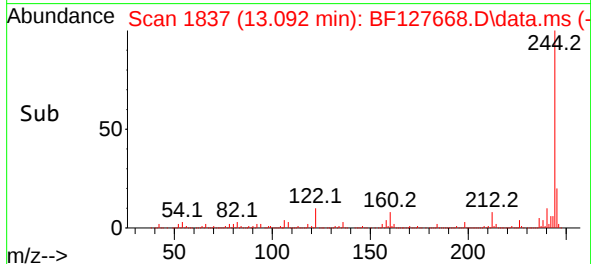
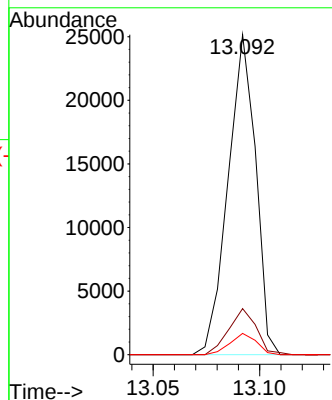
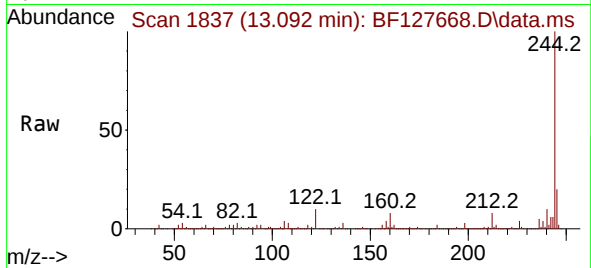




#77
Benzidine
Concen: 2.432 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

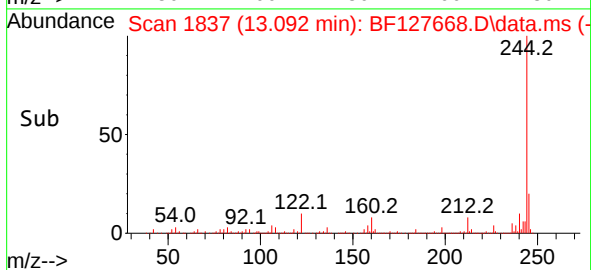
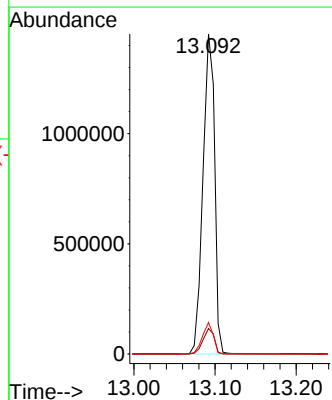
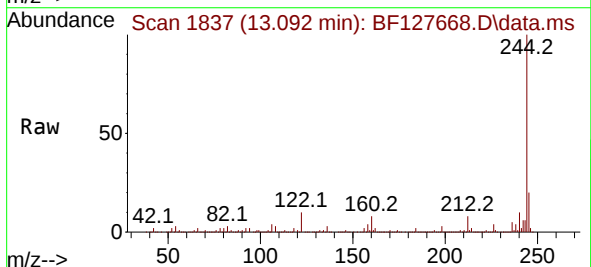
Instrument :
BNA_F
ClientSampleId :
TW-E5

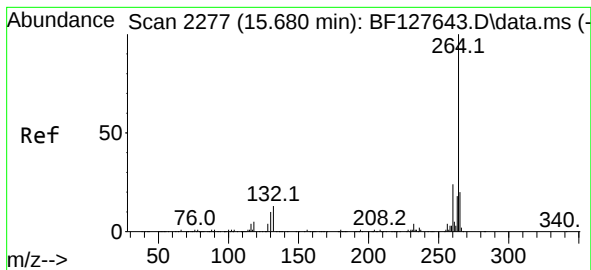
Tgt Ion:184 Resp: 22664
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 6.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.903 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127668.D
Acq: 07 Apr 2022 00:57

Tgt Ion:244 Resp: 1447332
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.9 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127668.D
 Acq: 07 Apr 2022 00:57

Instrument :
 BNA_F
 ClientSampleId :
 TW-E5

Tgt Ion:264 Resp: 318411
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 22.4 17.4 26.2

