

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129387.D
 Acq On : 27 Jul 2022 21:04
 Operator : CG\JU
 Sample : N3861-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Jul 28 01:32:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

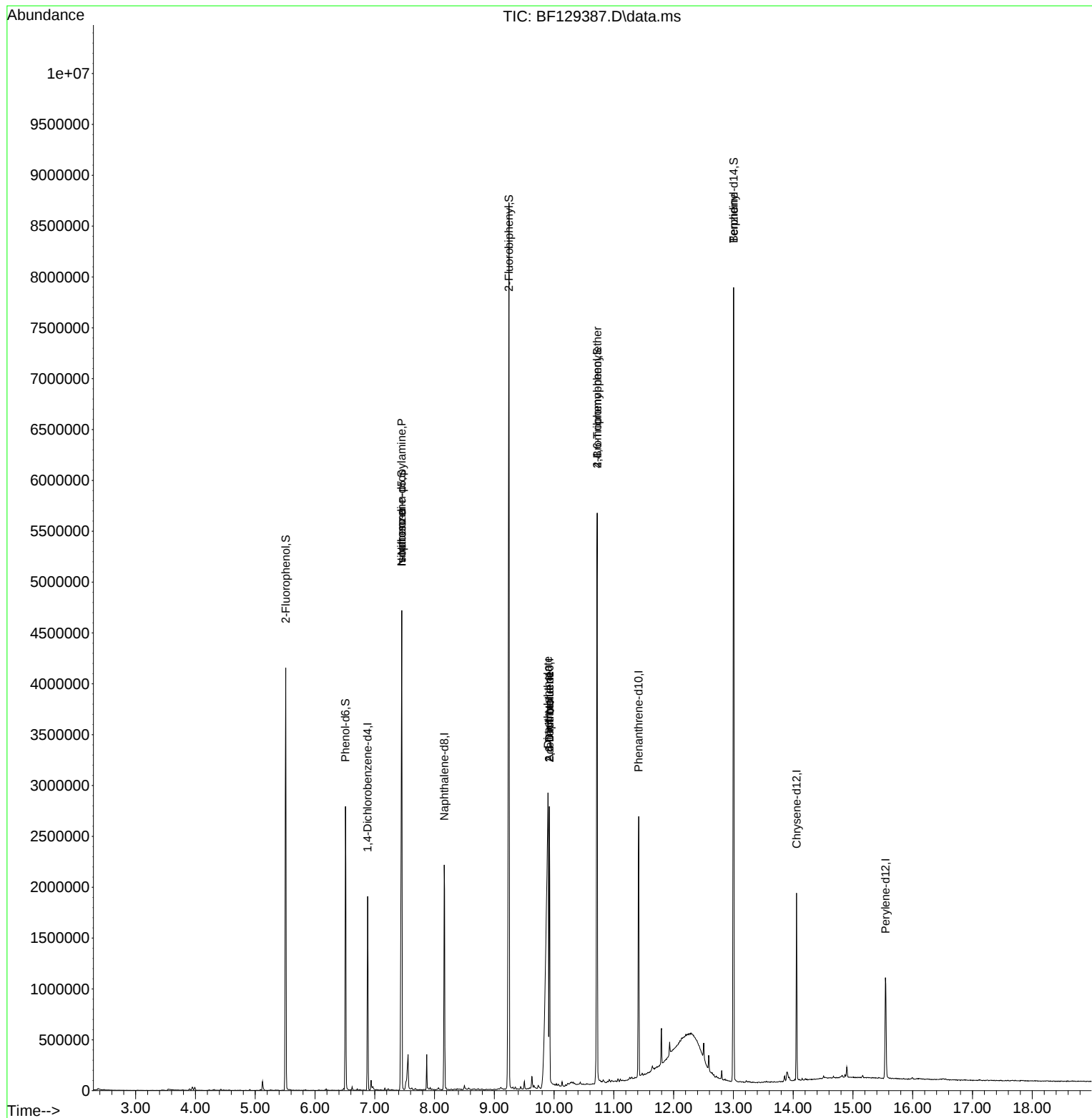
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	265741	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1049754	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	837852	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	885388	20.000	ng	0.00
76) Chrysene-d12	14.057	240	561386	20.000	ng	-0.01
86) Perylene-d12	15.545	264	455609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1062123	65.108	ng	0.01
7) Phenol-d6	6.510	99	939088	45.799	ng	0.00
23) Nitrobenzene-d5	7.451	82	1785499	92.848	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	724548	89.947	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2902936	53.598	ng	0.00
79) Terphenyl-d14	13.004	244	2835787	95.299	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	239358	19.282	ng	# 75
25) Isophorone	7.451	82	1781189	51.673	ng	# 65
50) Dimethylphthalate	9.898	163	2512448	43.438	ng	# 93
51) 2,6-Dinitrotoluene	9.922	165	98012	7.571	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	94171	5.568	ng	# 23
67) 4-Bromophenyl-phenylether	10.722	248	46075	4.752	ng	# 1
77) Benzidine	13.004	184	41388	2.087	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
Data File : BF129387.D
Acq On : 27 Jul 2022 21:04
Operator : CG\JU
Sample : N3861-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-25

Quant Time: Jul 28 01:32:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

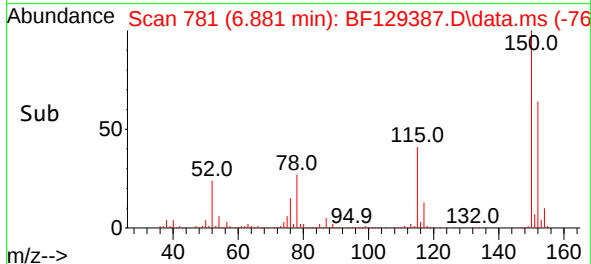
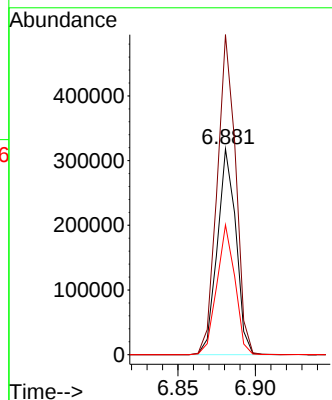
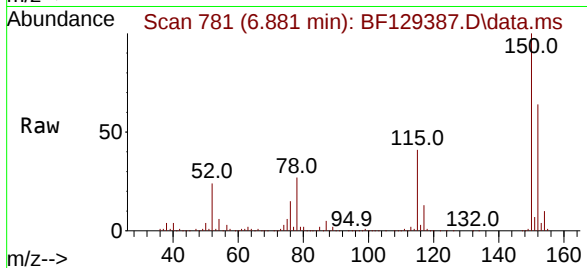




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

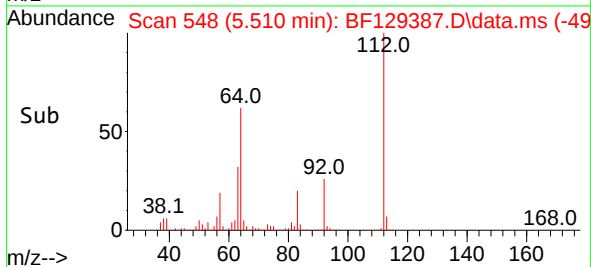
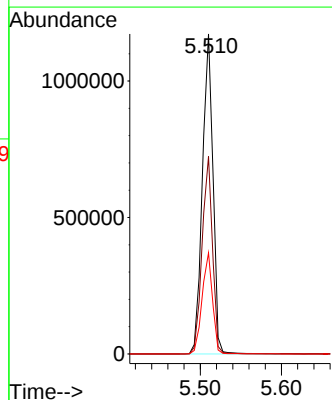
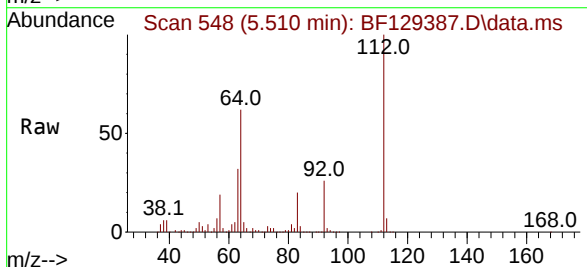
Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 265741
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 65.108 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion:112 Resp: 1062123
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 31.6 28.0 42.0

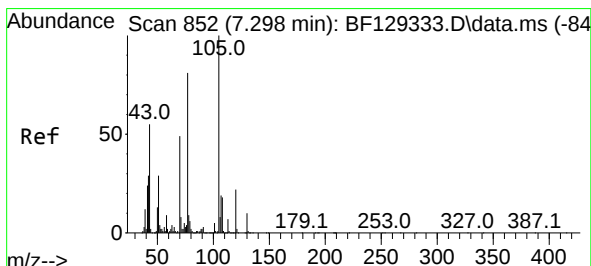
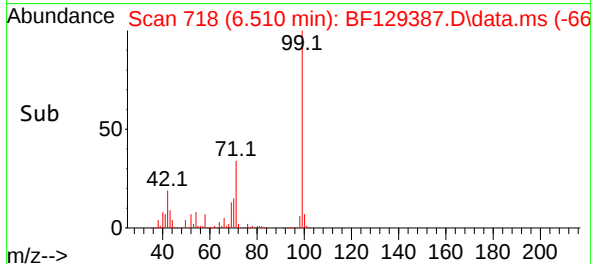
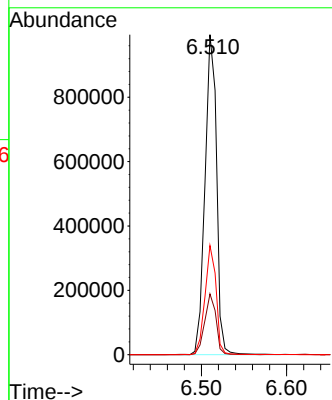
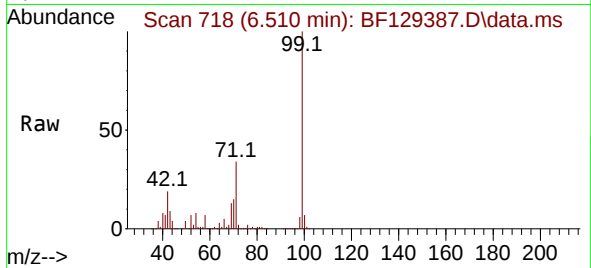




#7
Phenol-d6
Concen: 45.799 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

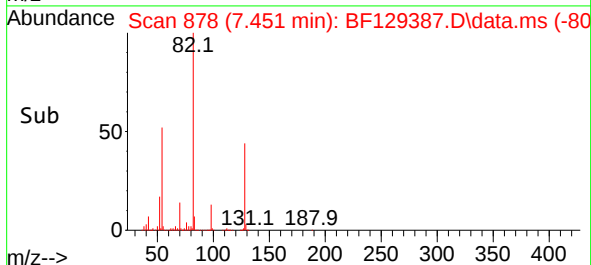
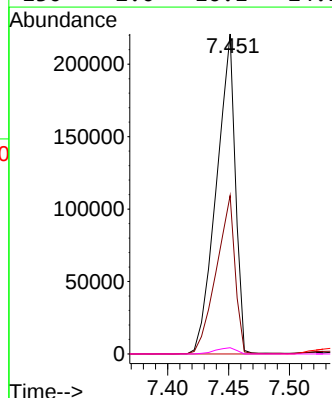
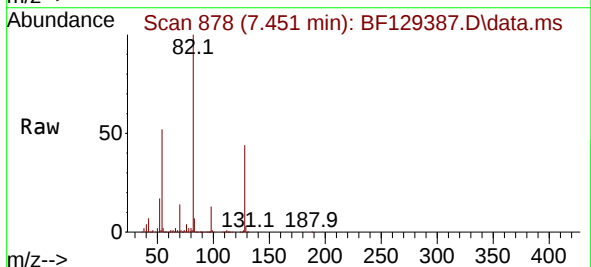
Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion: 99 Resp: 939088
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.282 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion: 70 Resp: 239358
Ion Ratio Lower Upper
70 100
42 49.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

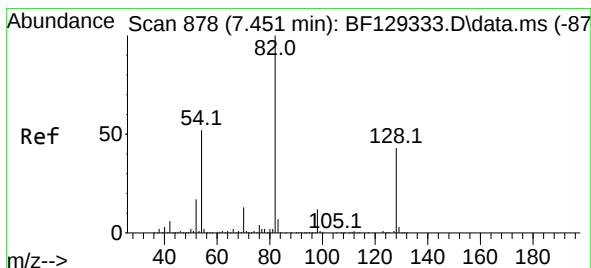
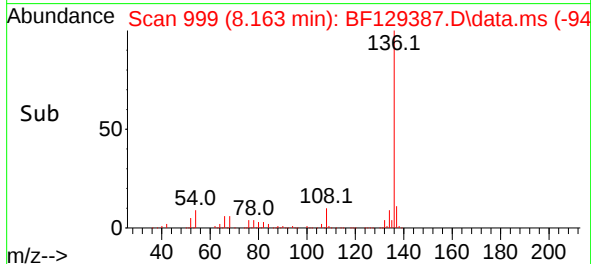
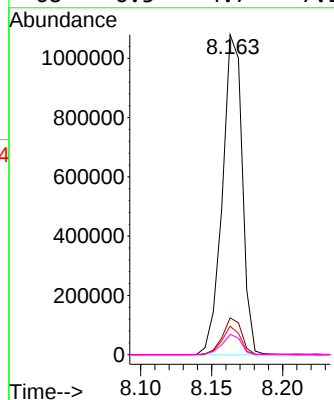
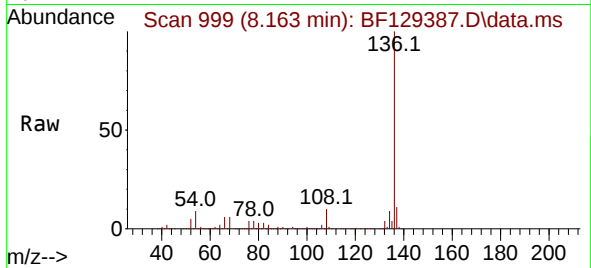




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

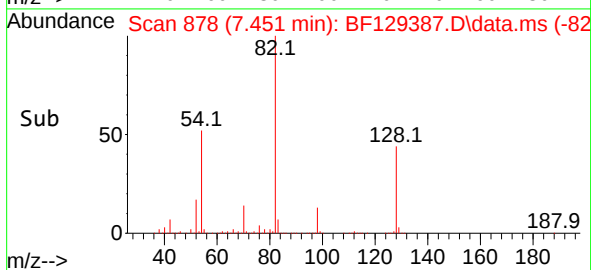
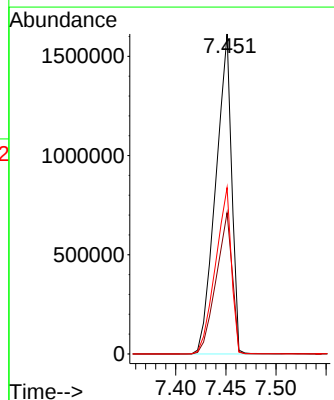
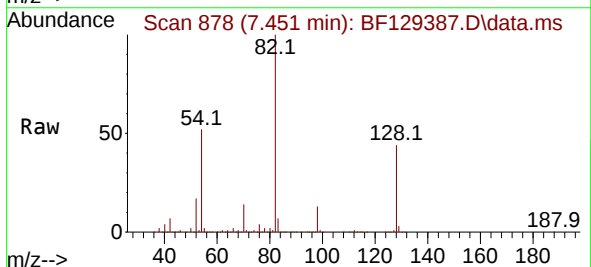
Instrument :
BNA_F
ClientSampleId :
MW-25

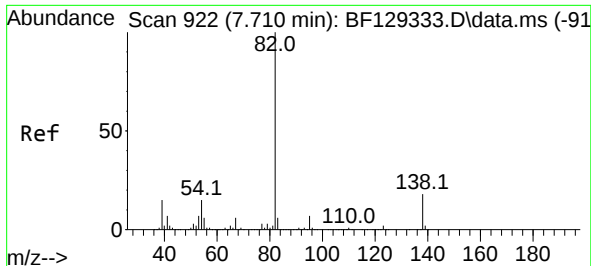
Tgt Ion:136 Resp: 1049754
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.9 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.848 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion: 82 Resp: 1785499
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.0 46.9 70.3

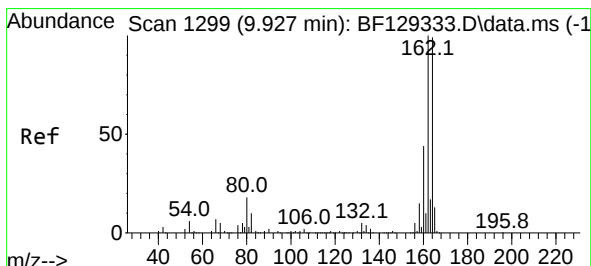
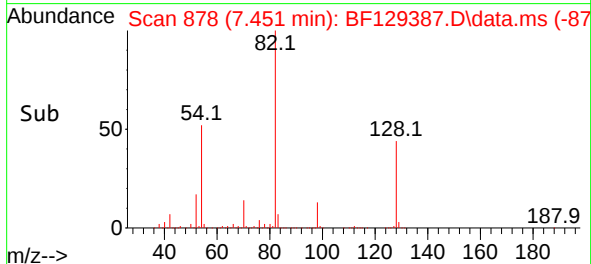
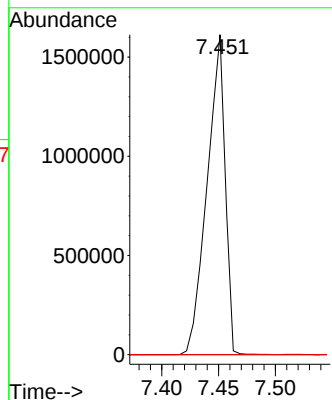
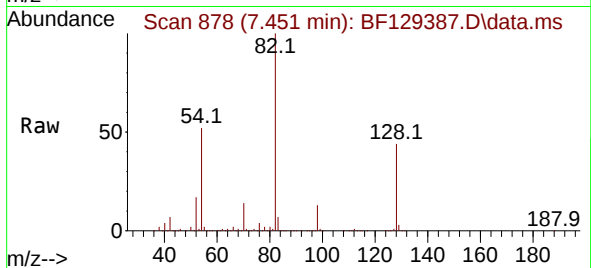




#25
Isophorone
Concen: 51.673 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

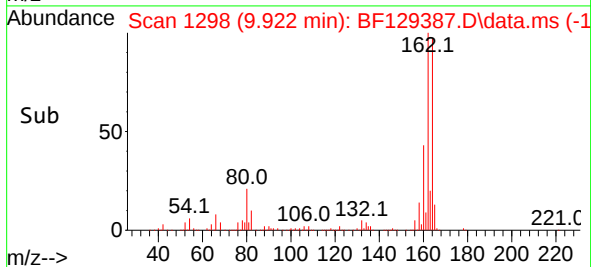
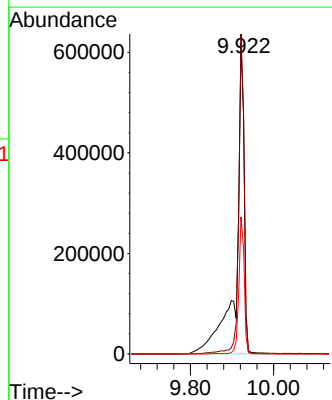
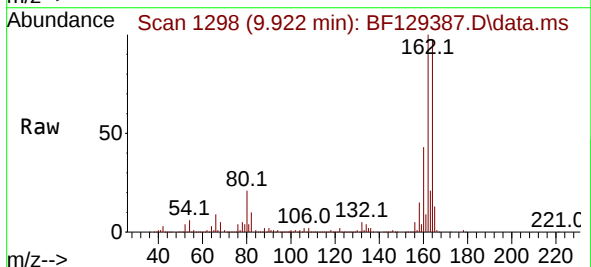
Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion: 82 Resp: 1781189
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion:164 Resp: 837852
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.947 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129387.D

Acq: 27 Jul 2022 21:04

Instrument :

BNA_F

ClientSampleId :

MW-25

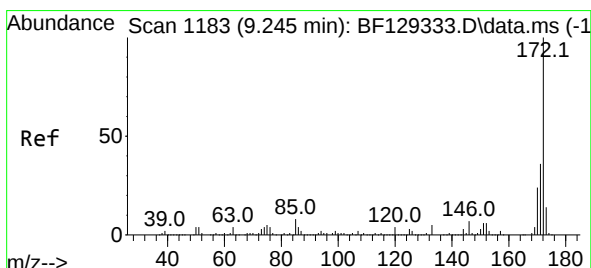
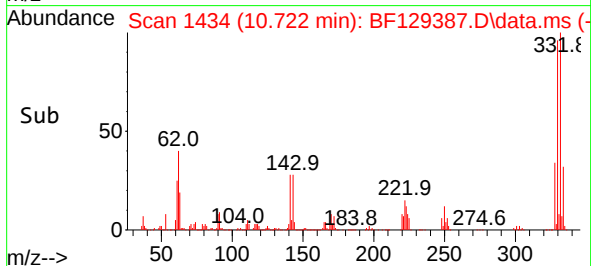
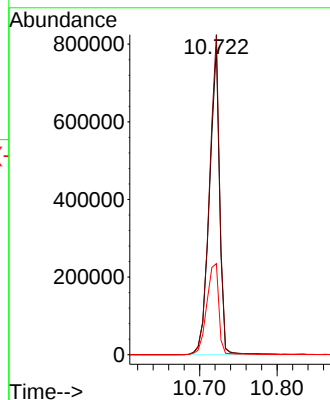
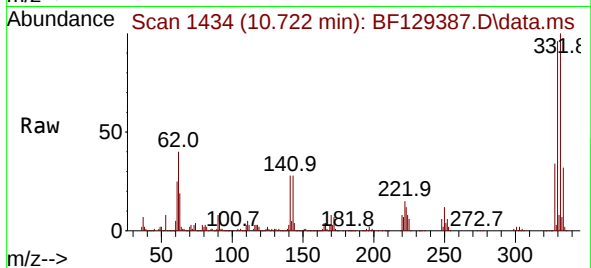
Tgt Ion:330 Resp: 724548

Ion Ratio Lower Upper

330 100

332 104.3 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 53.598 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129387.D

Acq: 27 Jul 2022 21:04

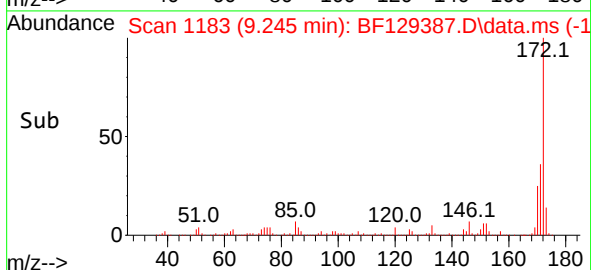
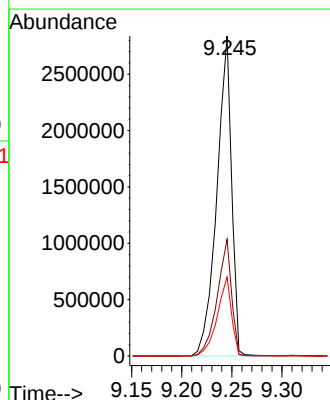
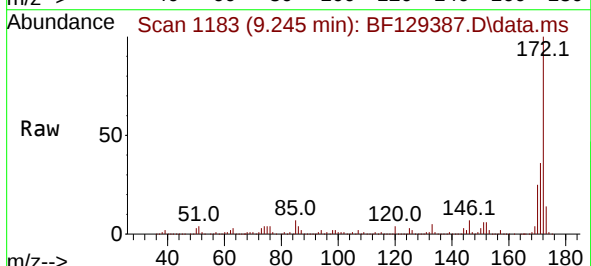
Tgt Ion:172 Resp: 2902936

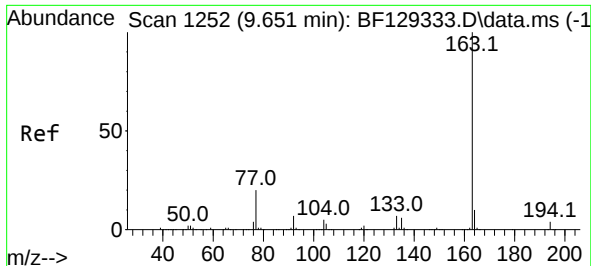
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.7 19.8 29.8

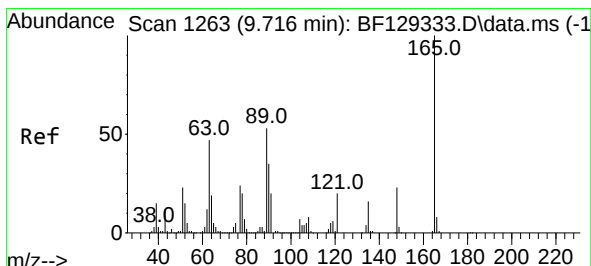
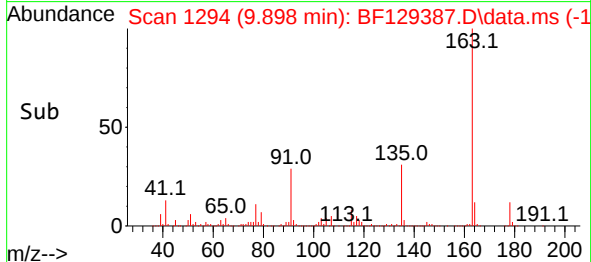
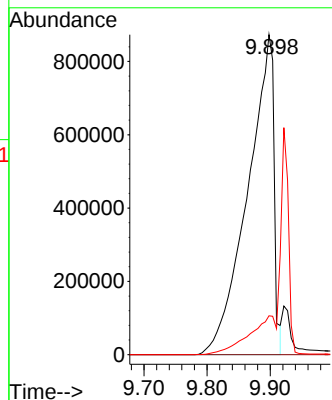
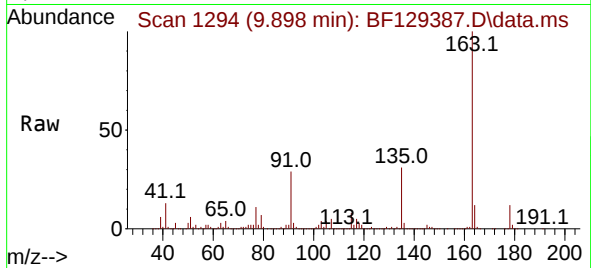




#50
Dimethylphthalate
Concen: 43.438 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.247 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

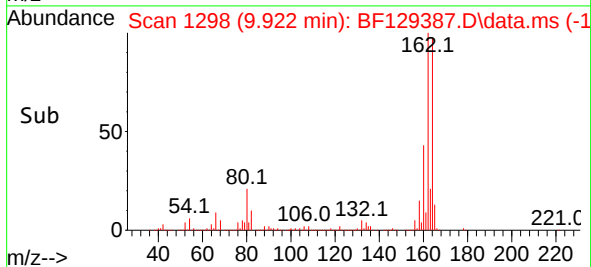
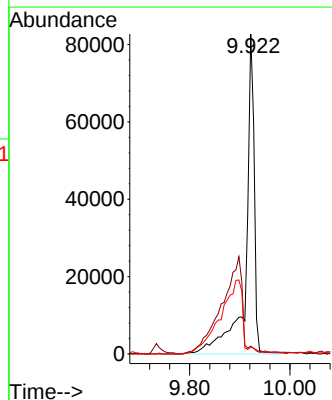
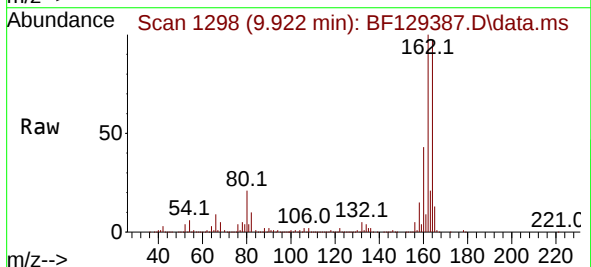
Instrument :
BNA_F
ClientSampleId :
MW-25

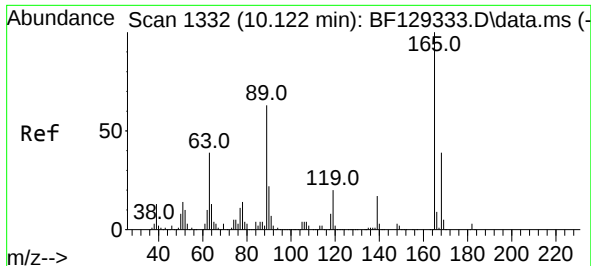
Tgt Ion:163 Resp: 2512448
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 12.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.571 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion:165 Resp: 98012
Ion Ratio Lower Upper
165 100
63 2.5 44.9 67.3#
89 2.2 43.6 65.4#

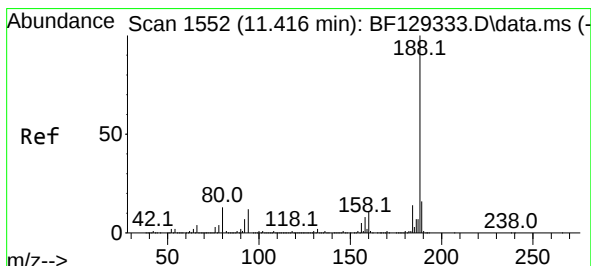
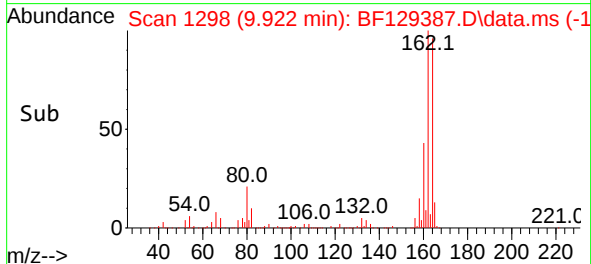
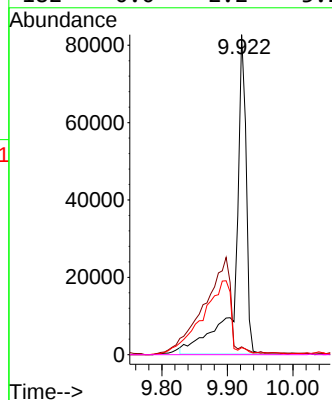
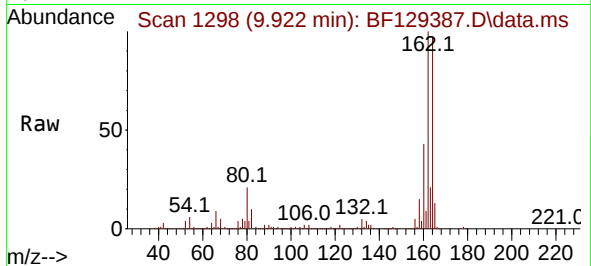




#57
2,4-Dinitrotoluene
Concen: 5.568 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

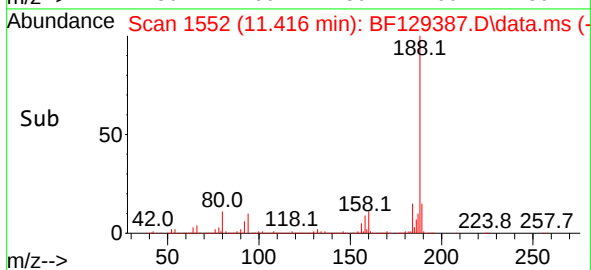
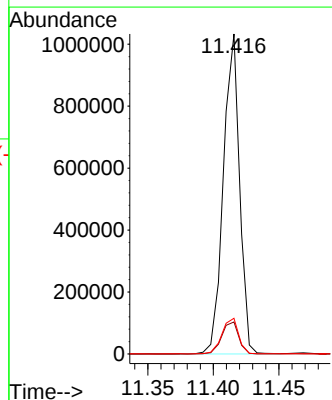
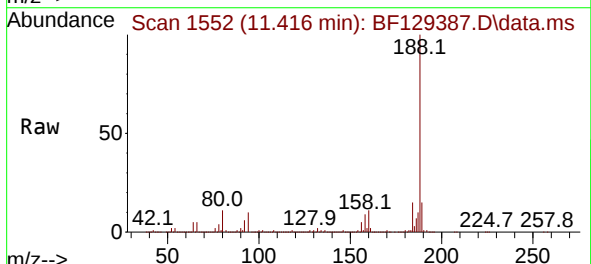
Instrument :
BNA_F
ClientSampleId :
MW-25

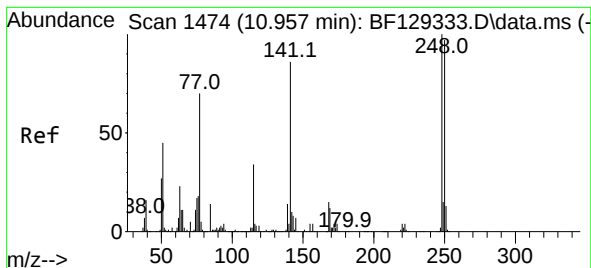
Tgt Ion:165 Resp: 94171
Ion Ratio Lower Upper
165 100
63 2.5 39.8 59.6#
89 2.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion:188 Resp: 885388
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 11.2 7.6 11.4

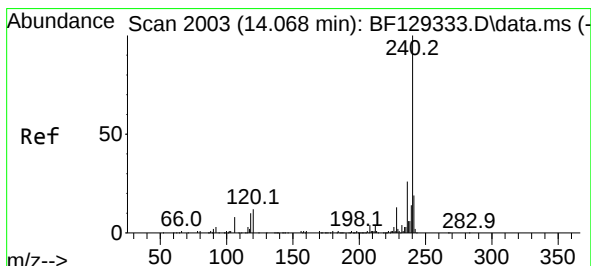
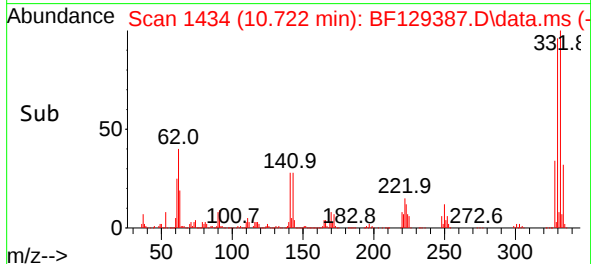
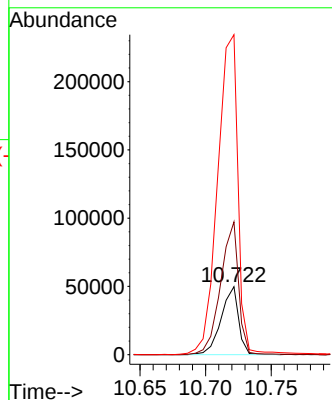
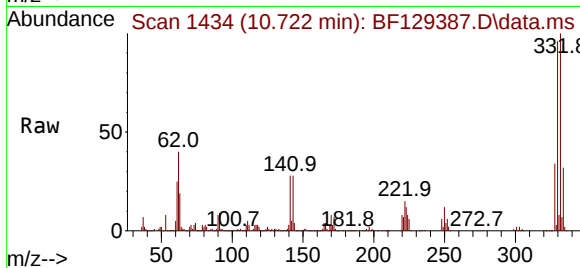




#67
4-Bromophenyl-phenylether
Concen: 4.752 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

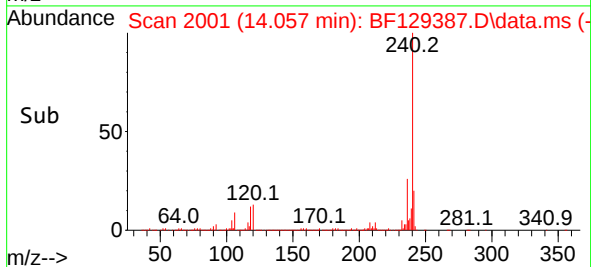
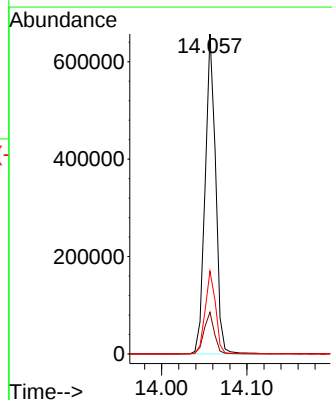
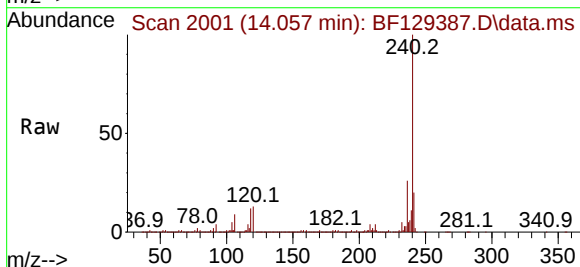
Instrument :
BNA_F
ClientSampleId :
MW-25

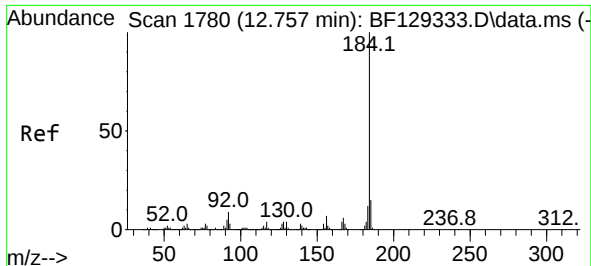
Tgt Ion:248 Resp: 46075
Ion Ratio Lower Upper
248 100
250 195.2 80.6 120.8#
141 470.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion:240 Resp: 561386
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.9 20.8 31.2

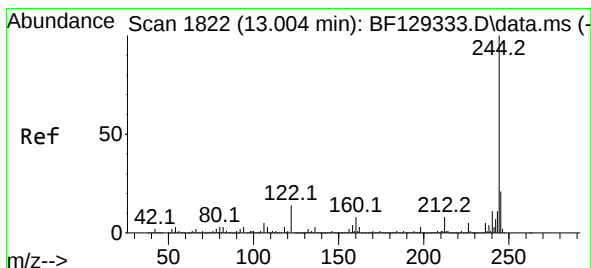
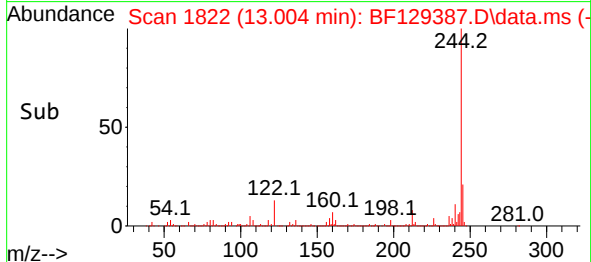
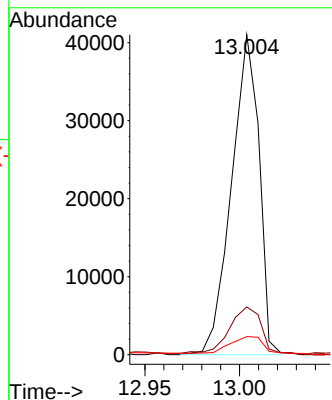
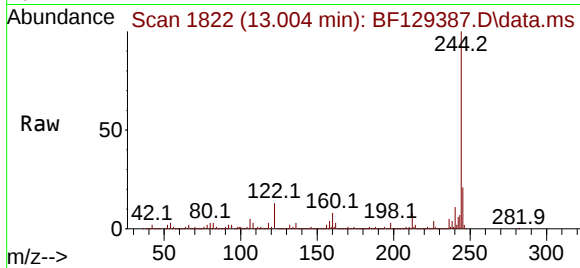




#77
Benzidine
Concen: 2.087 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

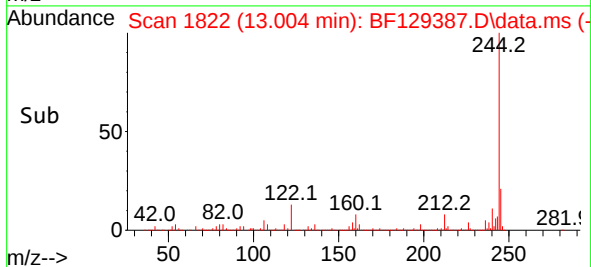
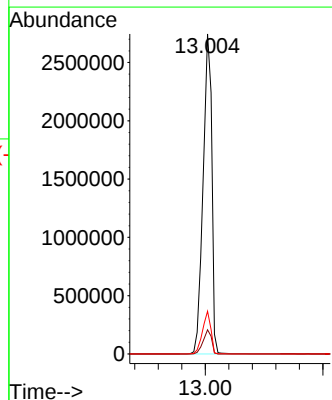
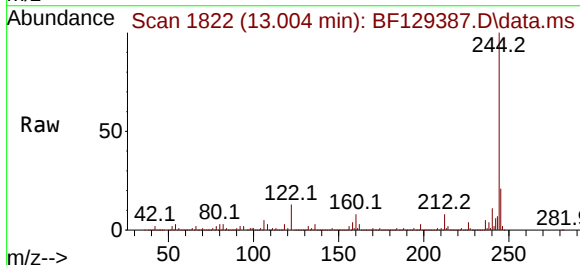
Instrument :
BNA_F
ClientSampleId :
MW-25

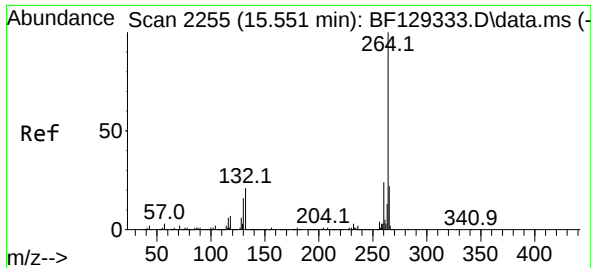
Tgt Ion:184 Resp: 41388
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 5.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 95.299 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Tgt Ion:244 Resp: 2835787
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.3 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129387.D
Acq: 27 Jul 2022 21:04

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:264 Resp: 455609
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.3 17.2 25.8

