

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129389.D
 Acq On : 27 Jul 2022 22:10
 Operator : CG\JU
 Sample : N3887-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jul 28 01:32:34 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)

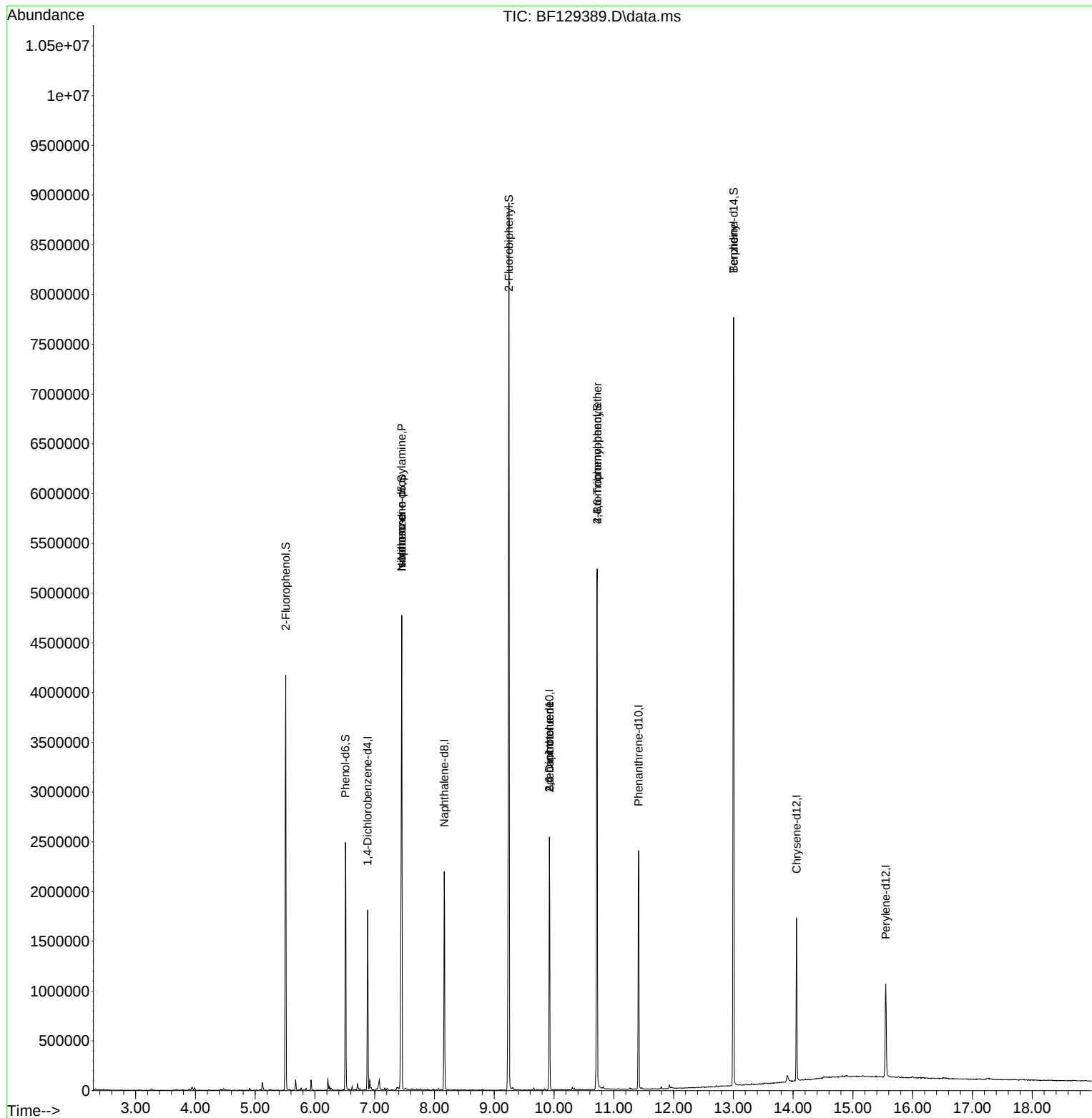
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	247644	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	988928	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	516184	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	831427	20.000	ng	0.00
76) Chrysene-d12	14.057	240	524373	20.000	ng	-0.01
86) Perylene-d12	15.551	264	431290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1052449	69.230	ng	0.01
7) Phenol-d6	6.510	99	834460	43.670	ng	0.00
23) Nitrobenzene-d5	7.451	82	1773777	97.912	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	711724	143.414	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2890155	86.615	ng	0.00
79) Terphenyl-d14	13.004	244	2694058	96.926	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	236475	20.442	ng	# 73
25) Isophorone	7.451	82	1768883	54.472	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	67351	8.445	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	67352	6.464	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	43978	4.830	ng	# 1
77) Benzidine	13.004	184	37487	2.024	ng	# 93

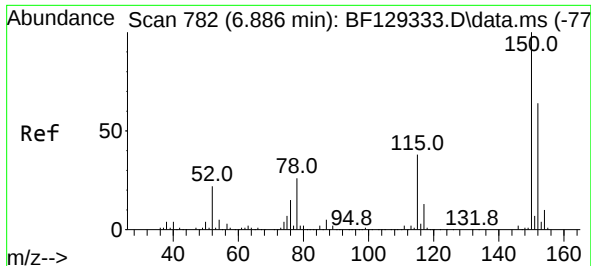
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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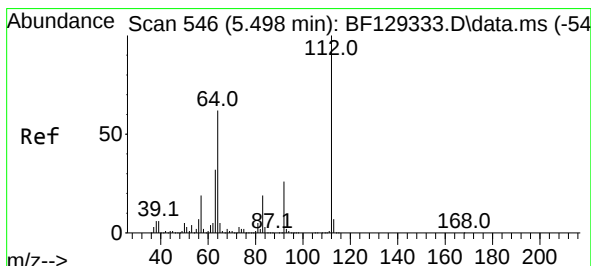
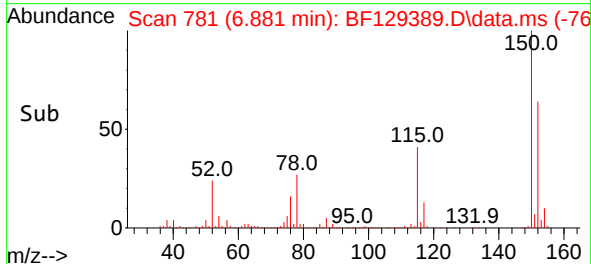
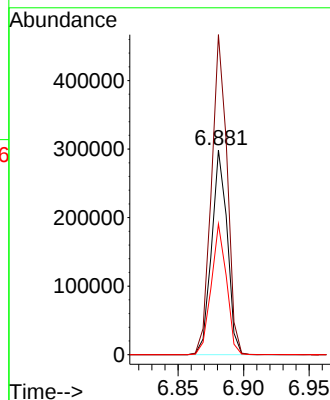
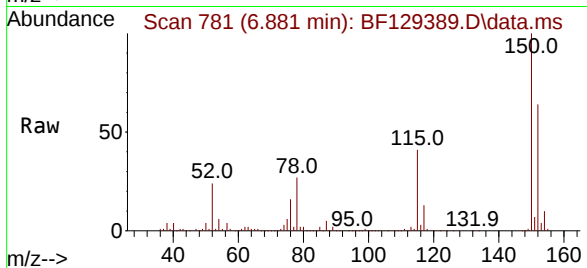




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129389.D
 Acq: 27 Jul 2022 22:10

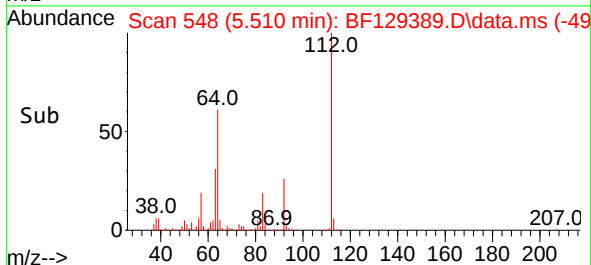
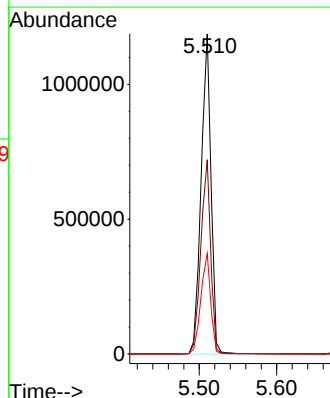
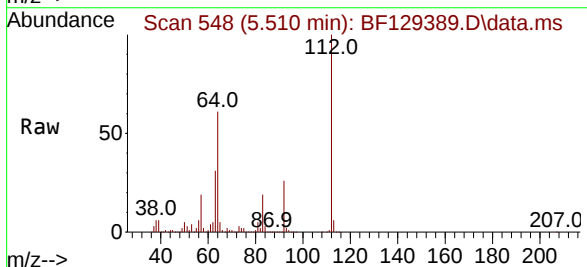
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

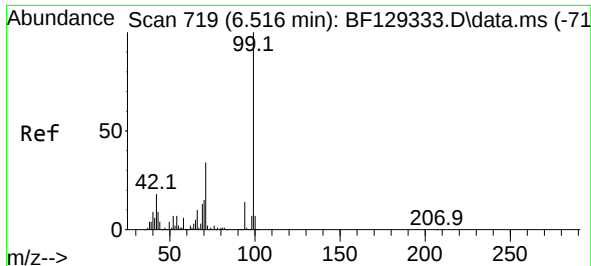
Tgt Ion:152 Resp: 247644
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.7 185.5
 115 63.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 69.230 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129389.D
 Acq: 27 Jul 2022 22:10

Tgt Ion:112 Resp: 1052449
 Ion Ratio Lower Upper
 112 100
 64 60.7 53.3 79.9
 63 31.4 28.0 42.0

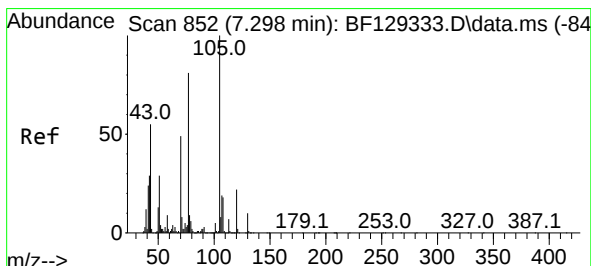
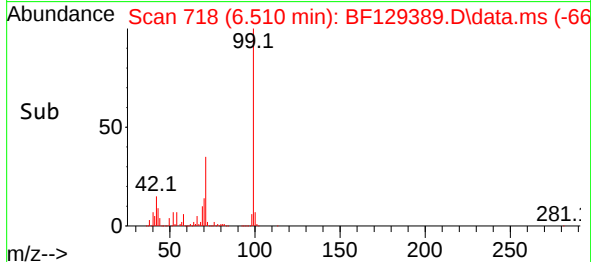
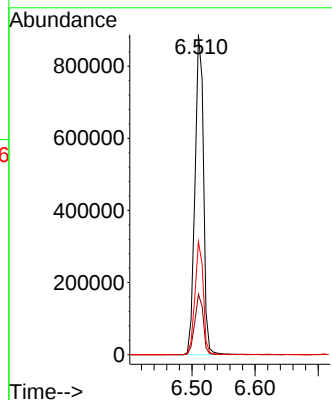
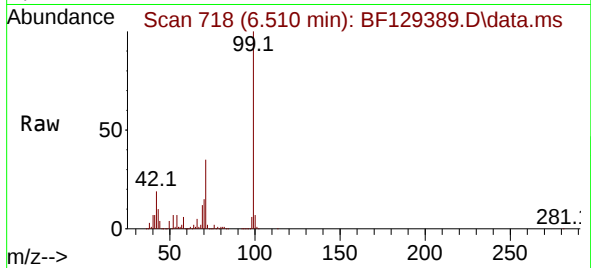




#7
Phenol-d6
Concen: 43.670 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

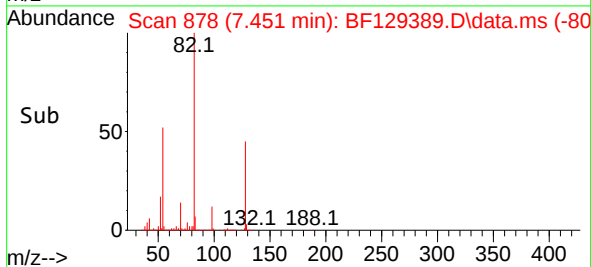
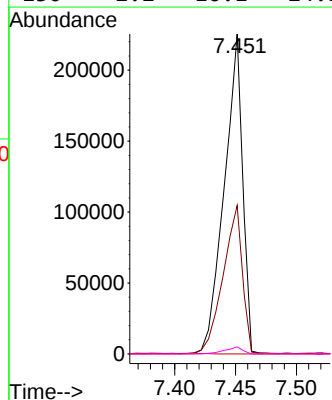
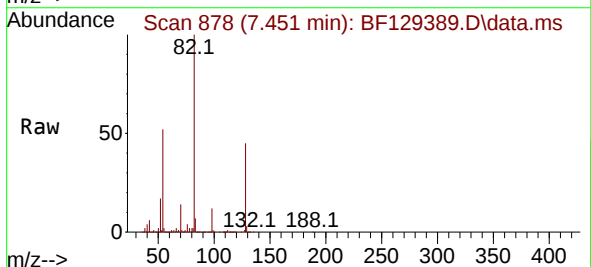
Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 99 Resp: 834460
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.442 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion: 70 Resp: 236475
Ion Ratio Lower Upper
70 100
42 46.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



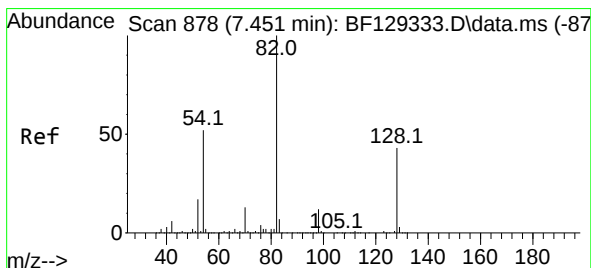
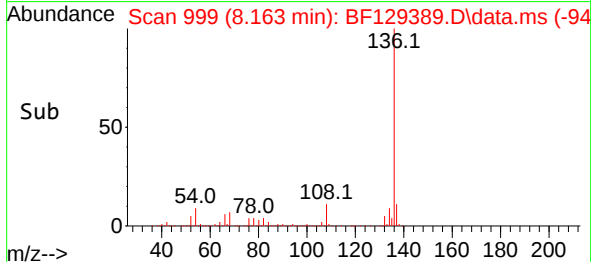
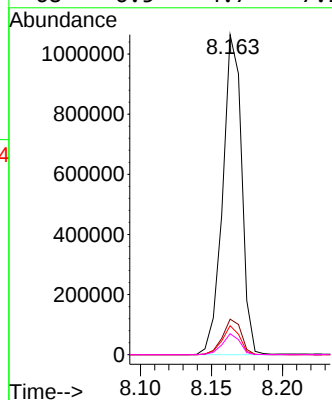
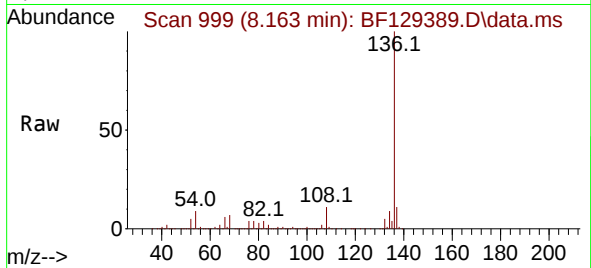


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:136 Resp: 988928

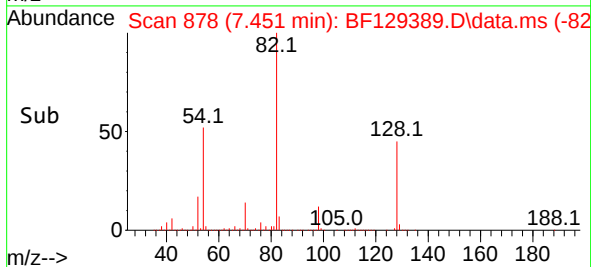
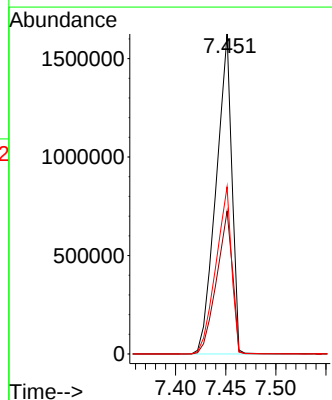
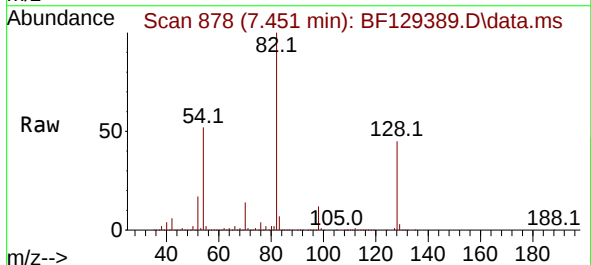
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.0	7.5	11.3
68	6.5	4.7	7.1

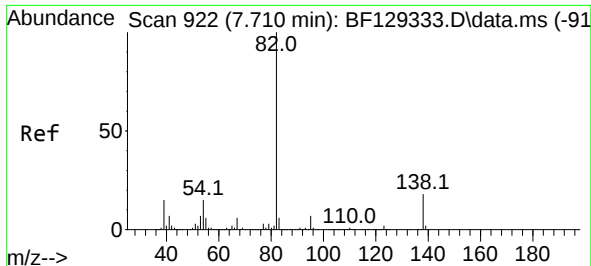


#23
Nitrobenzene-d5
Concen: 97.912 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion: 82 Resp: 1773777

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	52.2	46.9	70.3

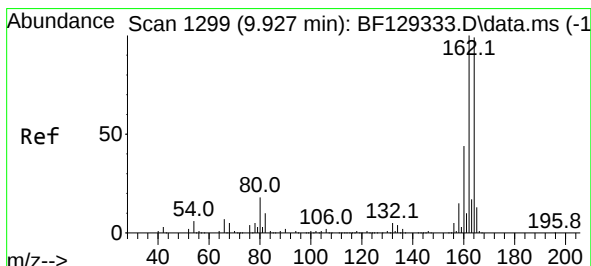
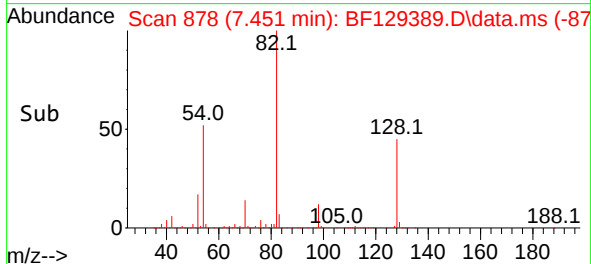
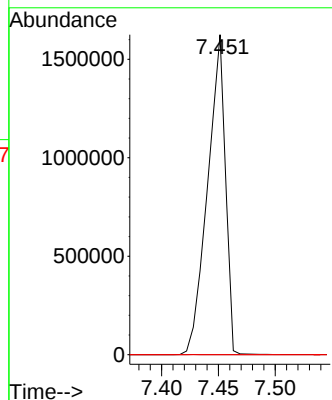
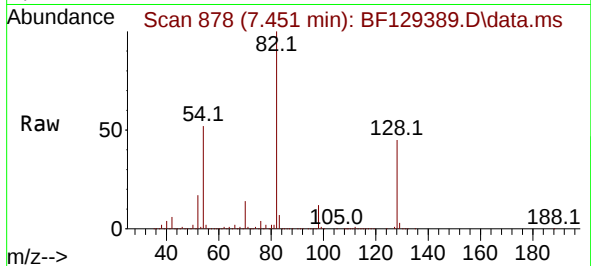




#25
Isophorone
Concen: 54.472 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

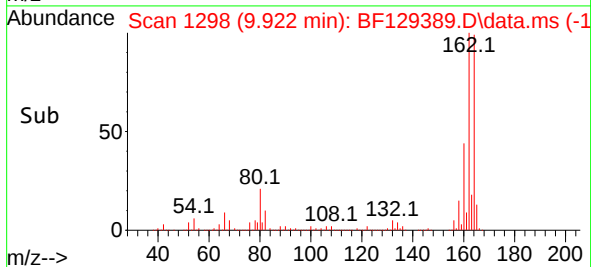
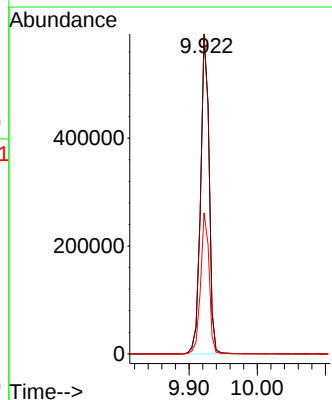
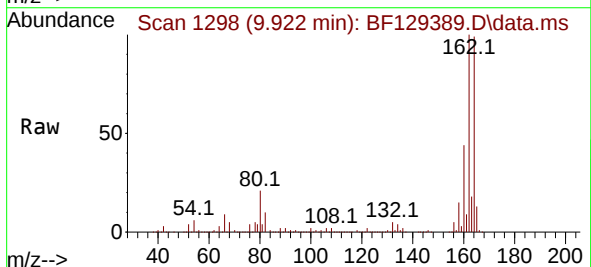
Instrument :
BNA_F
ClientSampleId :
MW-20

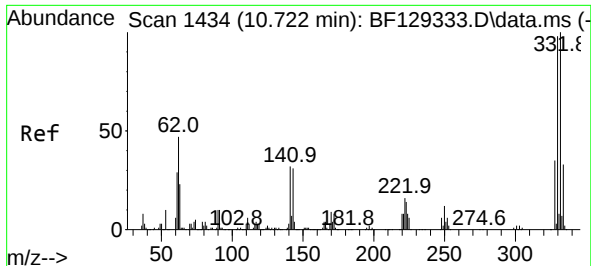
Tgt Ion: 82 Resp: 1768883
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion:164 Resp: 516184
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 143.414 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

Instrument :

BNA_F

ClientSampleId :

MW-20

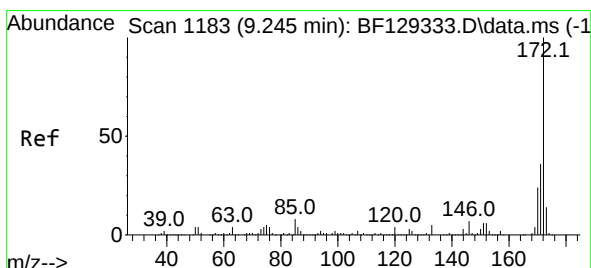
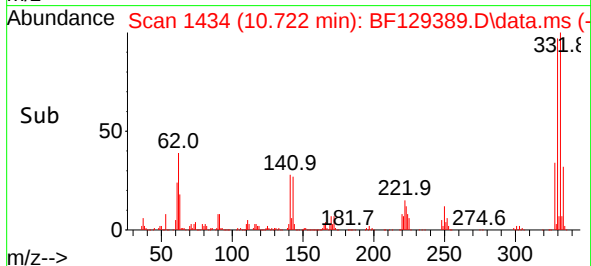
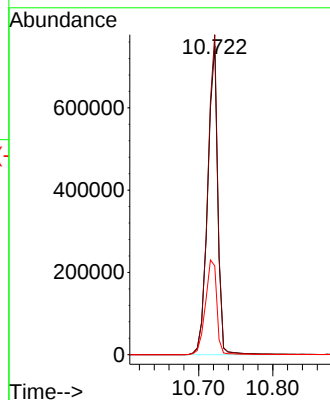
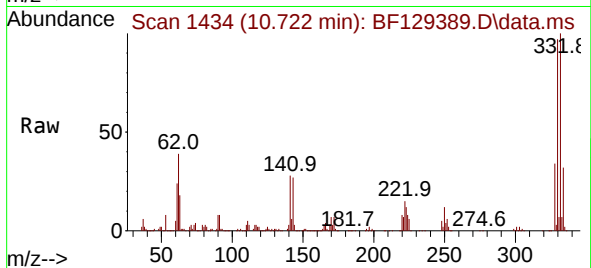
Tgt Ion:330 Resp: 711724

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.615 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

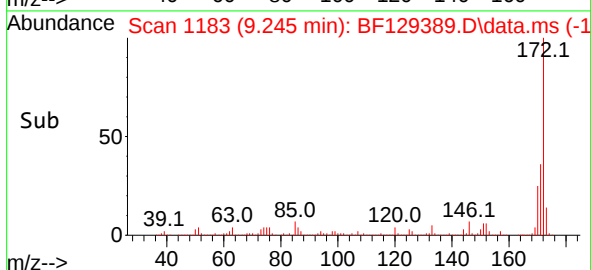
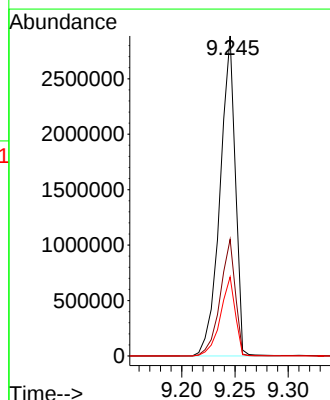
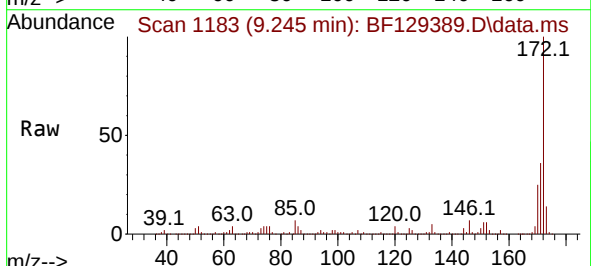
Tgt Ion:172 Resp: 2890155

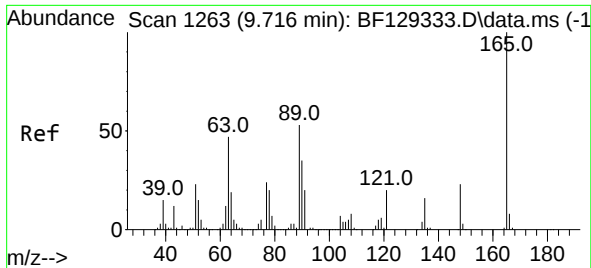
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.445 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

Instrument :

BNA_F

ClientSampleId :

MW-20

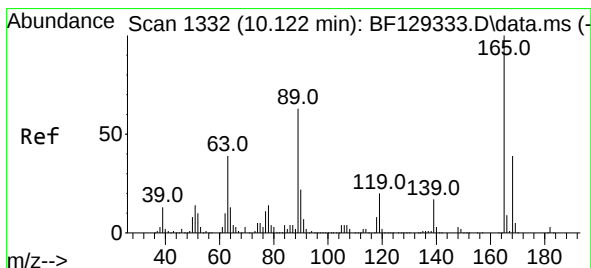
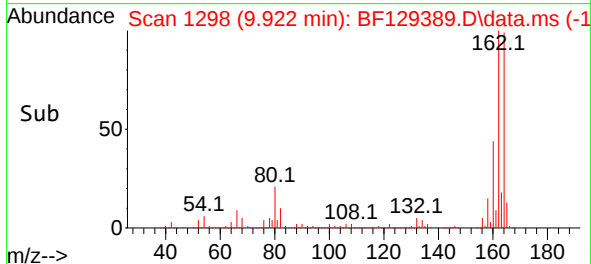
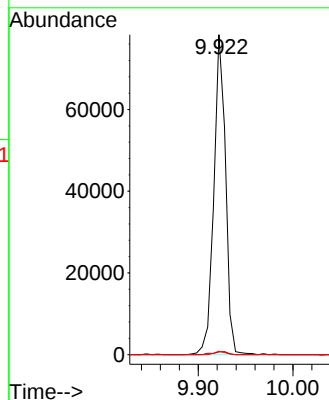
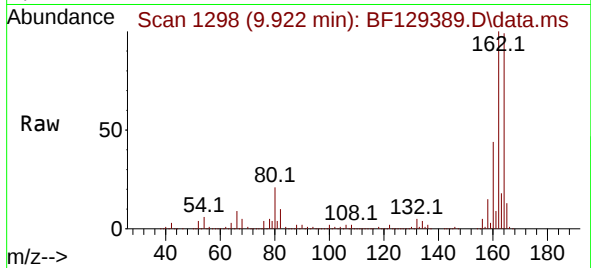
Tgt Ion:165 Resp: 67351

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.464 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129389.D

Acq: 27 Jul 2022 22:10

Tgt Ion:165 Resp: 67352

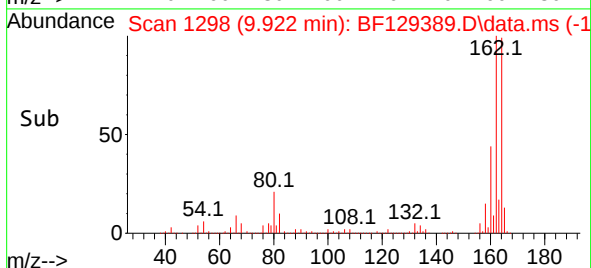
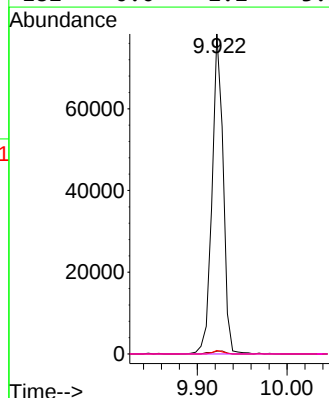
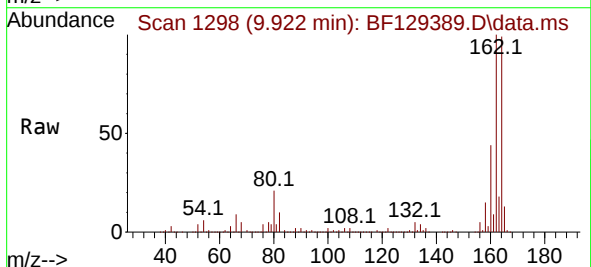
Ion Ratio Lower Upper

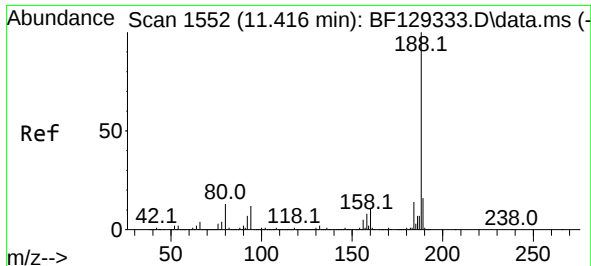
165 100

63 0.9 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

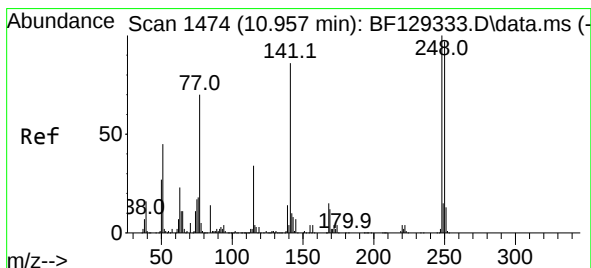
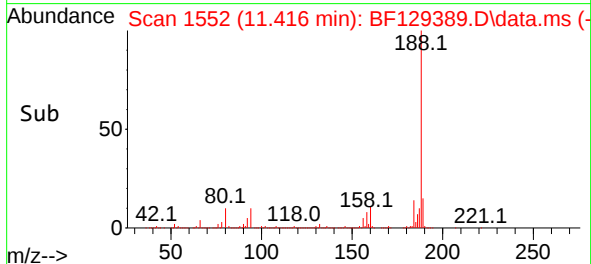
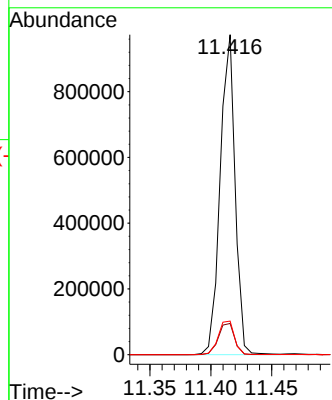
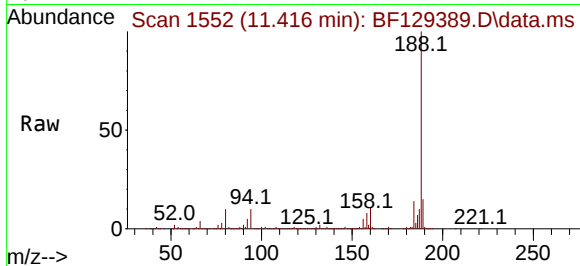




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

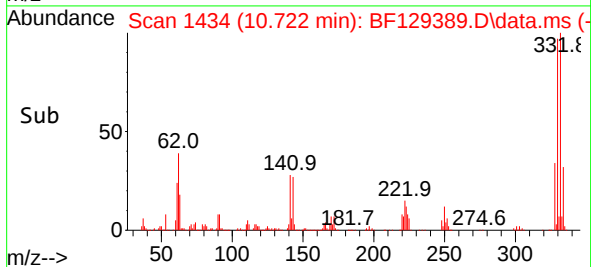
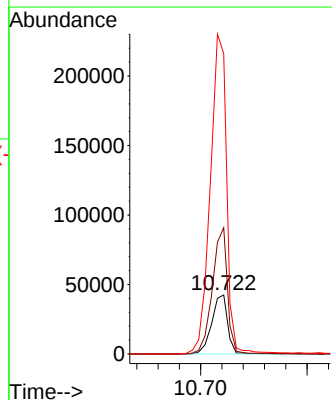
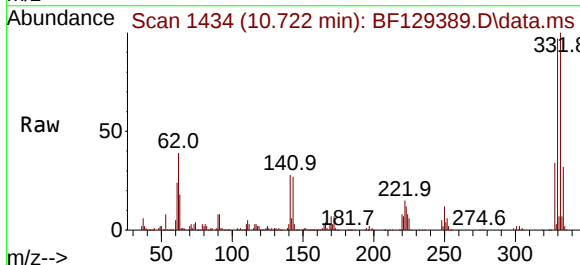
Instrument :
BNA_F
ClientSampleId :
MW-20

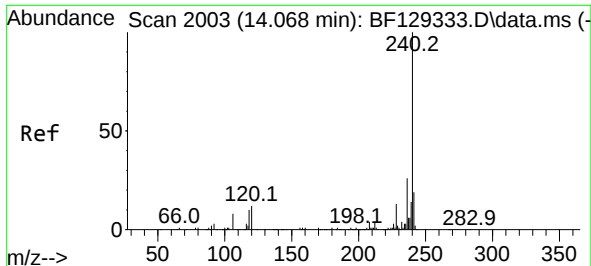
Tgt Ion:188 Resp: 831427
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.830 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion:248 Resp: 43978
Ion Ratio Lower Upper
248 100
250 213.7 80.6 120.8#
141 508.1 58.9 88.3#

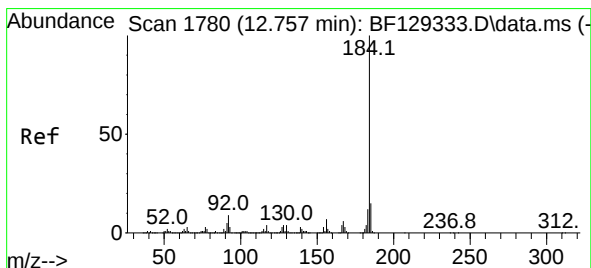
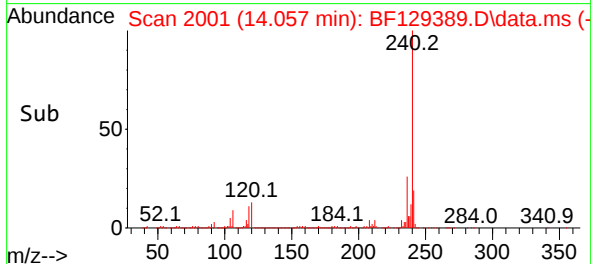
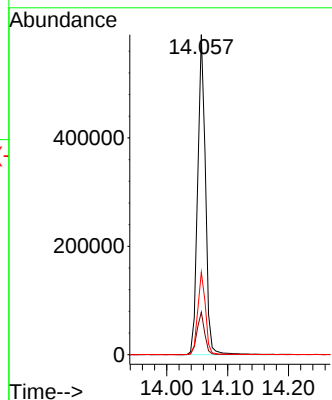
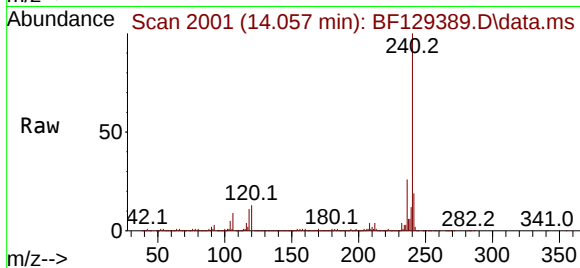




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

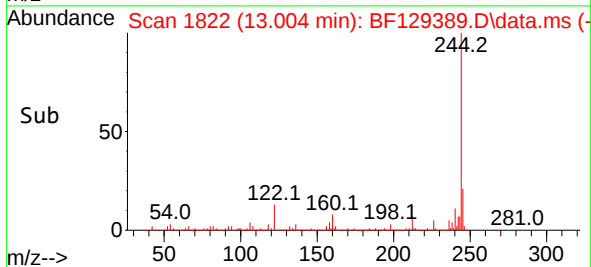
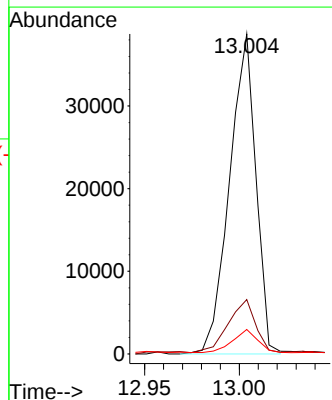
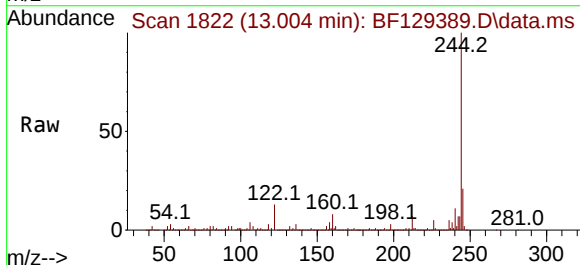
Instrument :
BNA_F
ClientSampleId :
MW-20

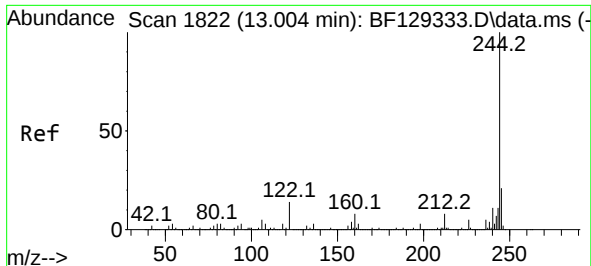
Tgt Ion:240 Resp: 524373
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.024 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129389.D
Acq: 27 Jul 2022 22:10

Tgt Ion:184 Resp: 37487
Ion Ratio Lower Upper
184 100
185 17.0 11.9 17.9
183 7.7 9.3 13.9#

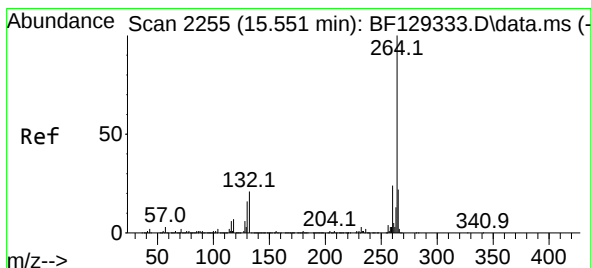
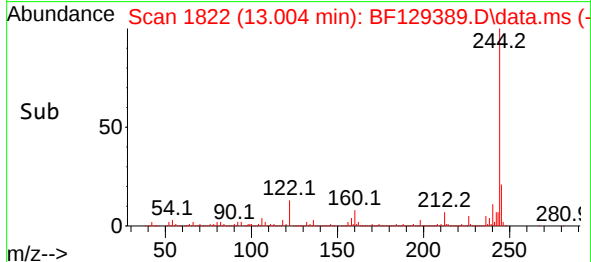
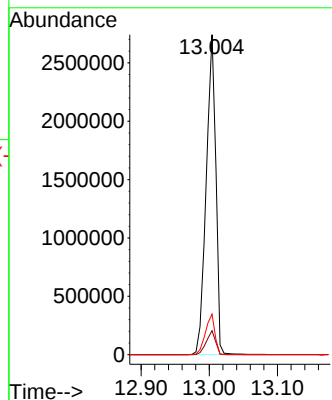
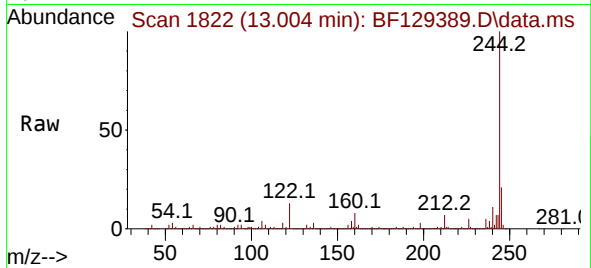




#79
 Terphenyl-d14
 Concen: 96.926 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129389.D
 Acq: 27 Jul 2022 22:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:244 Resp: 2694058
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129389.D
 Acq: 27 Jul 2022 22:10

Tgt Ion:264 Resp: 431290
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.6 17.2 25.8

