

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129379.D
 Acq On : 27 Jul 2022 16:37
 Operator : CG\JU
 Sample : N3887-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9D

Quant Time: Jul 28 01:31:11 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)

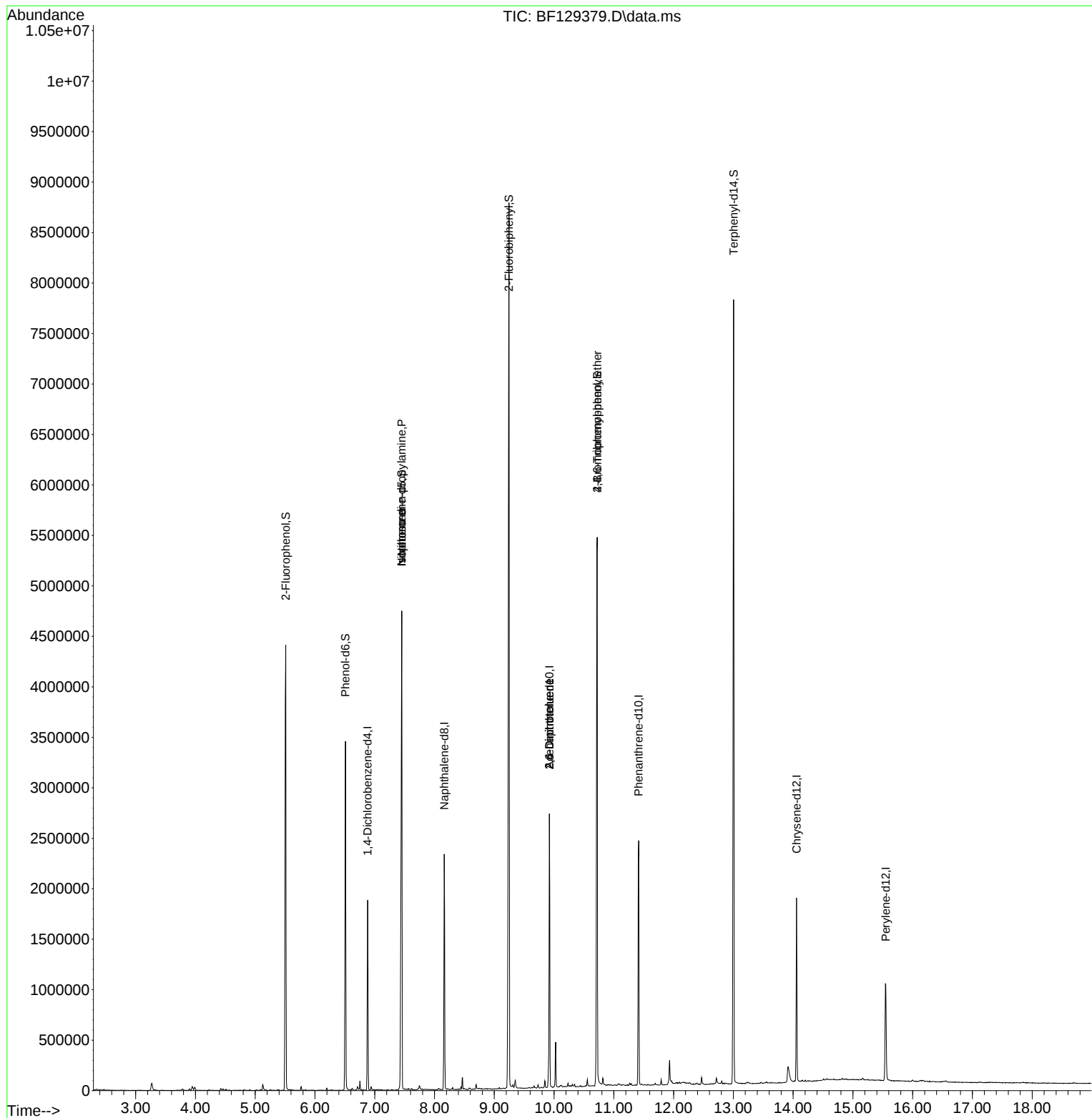
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	254752	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1022101	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	544105	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	876379	20.000	ng	0.00
76) Chrysene-d12	14.057	240	573236	20.000	ng	-0.01
86) Perylene-d12	15.551	264	448030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1219053	77.952	ng	0.01
7) Phenol-d6	6.510	99	1110326	56.486	ng	0.00
23) Nitrobenzene-d5	7.451	82	1809363	96.635	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	754475	144.227	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2973856	84.550	ng	0.00
79) Terphenyl-d14	13.004	244	2753227	90.612	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	242955	20.416	ng	# 74
25) Isophorone	7.451	82	1803550	53.737	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	71666	8.525	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	71666	6.526	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	47357	4.935	ng	# 1

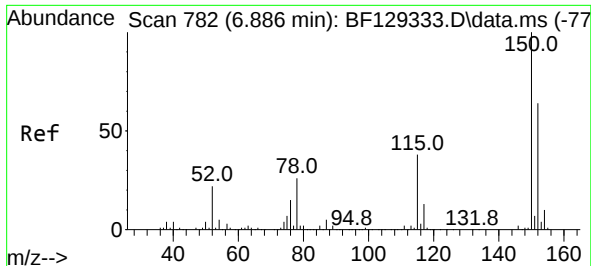
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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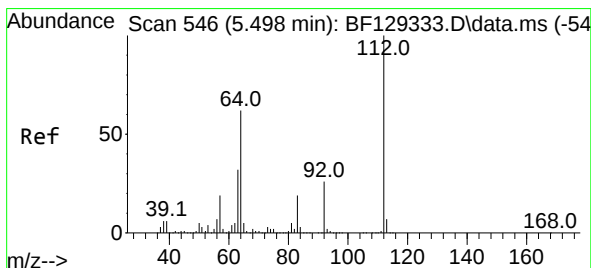
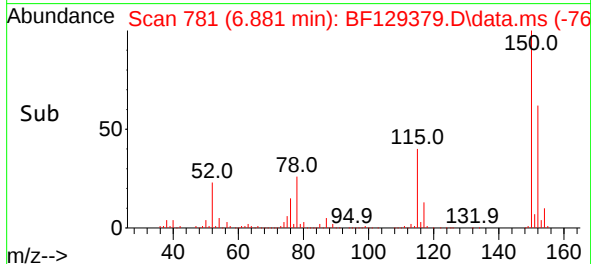
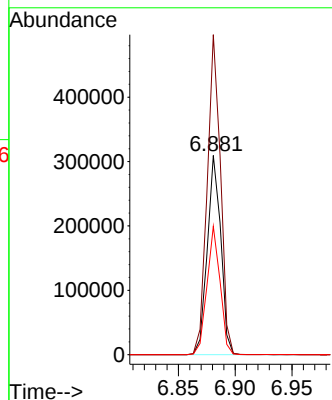
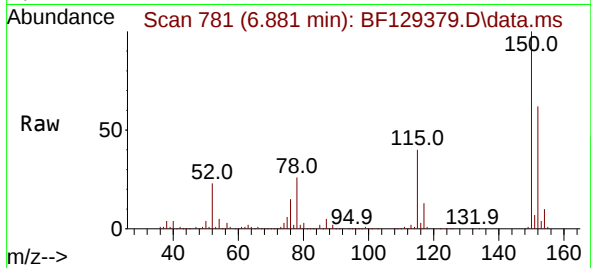




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 782
 Delta R.T. -0.005 min
 Lab File: BF129379.D
 Acq: 27 Jul 2022 16:37

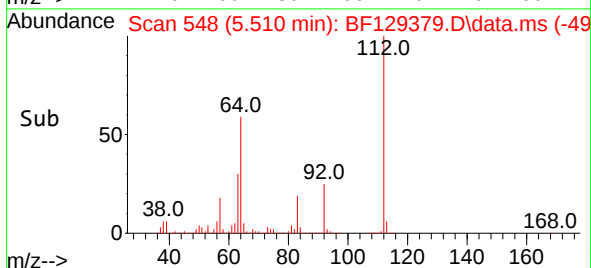
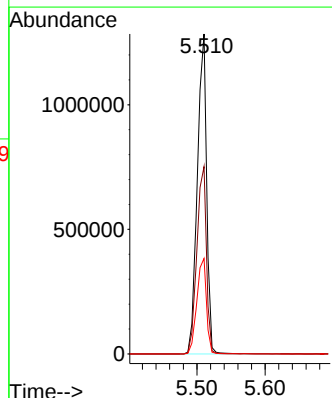
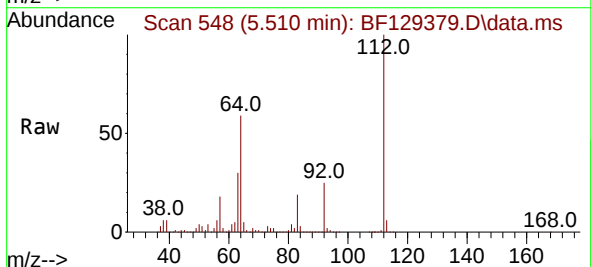
Instrument :
 BNA_F
 ClientSampleId :
 MW-9D

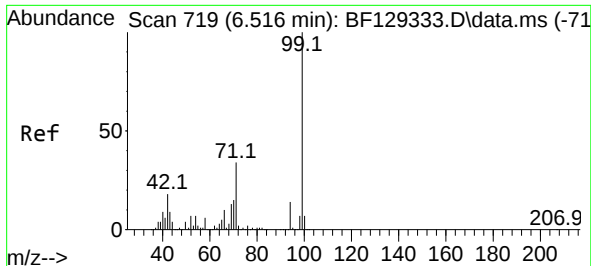
Tgt Ion:152 Resp: 254752
 Ion Ratio Lower Upper
 152 100
 150 160.6 123.7 185.5
 115 64.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 77.952 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129379.D
 Acq: 27 Jul 2022 16:37

Tgt Ion:112 Resp: 1219053
 Ion Ratio Lower Upper
 112 100
 64 58.5 53.3 79.9
 63 29.9 28.0 42.0

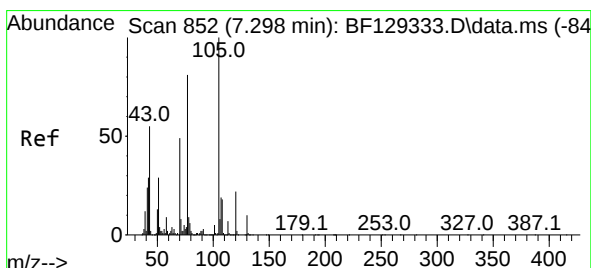
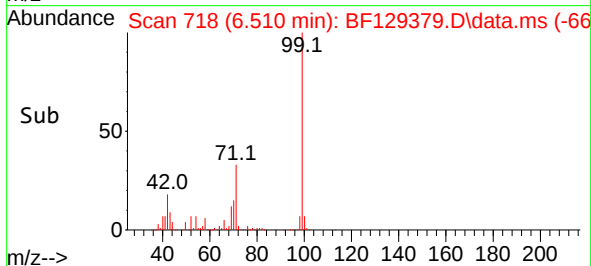
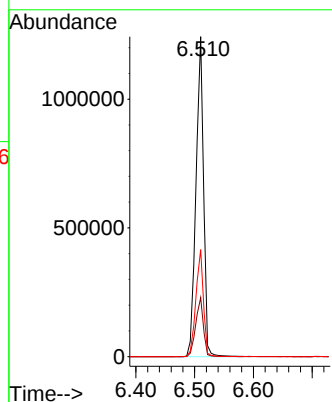
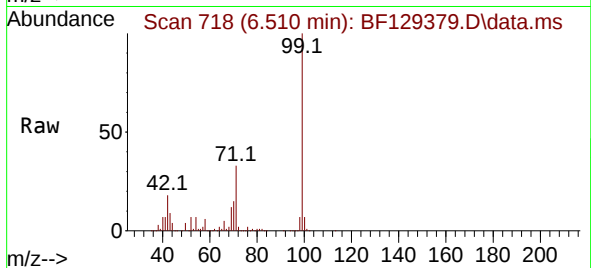




#7
Phenol-d6
Concen: 56.486 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

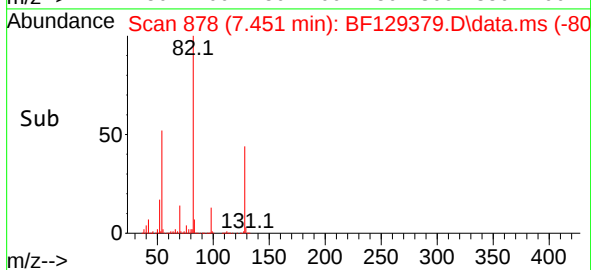
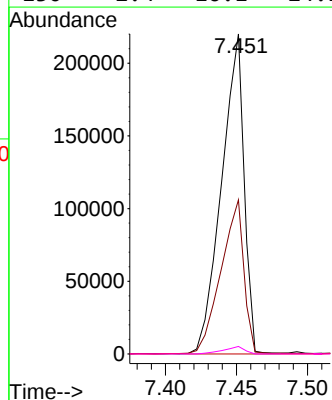
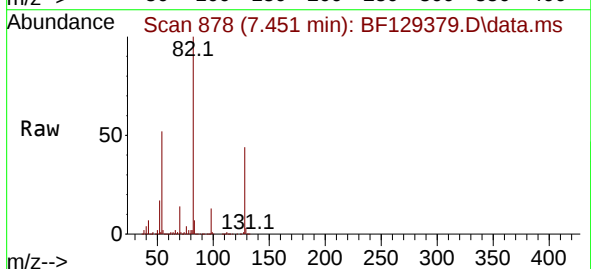
Instrument :
BNA_F
ClientSampleId :
MW-9D

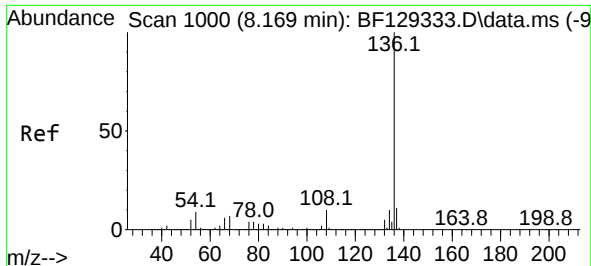
Tgt Ion: 99 Resp: 1110326
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 33.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.416 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

Tgt Ion: 70 Resp: 242955
Ion Ratio Lower Upper
70 100
42 48.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

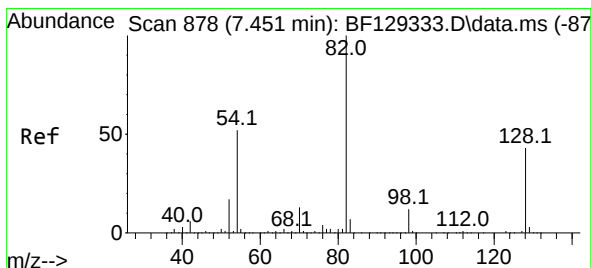
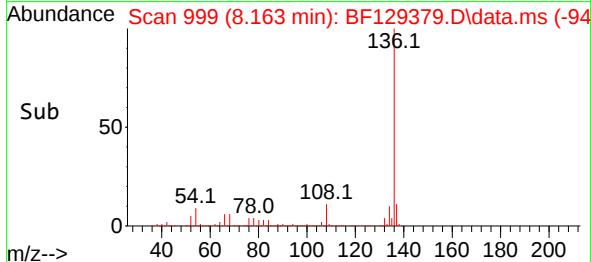
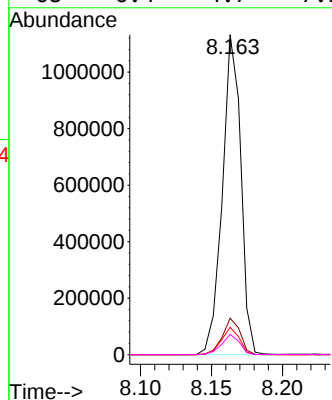
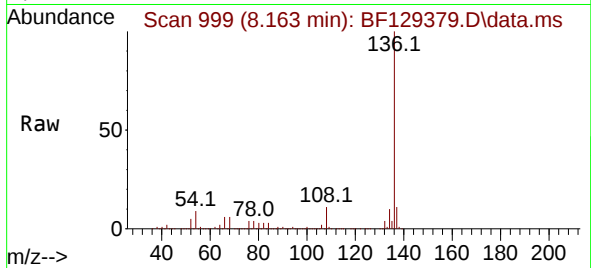




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

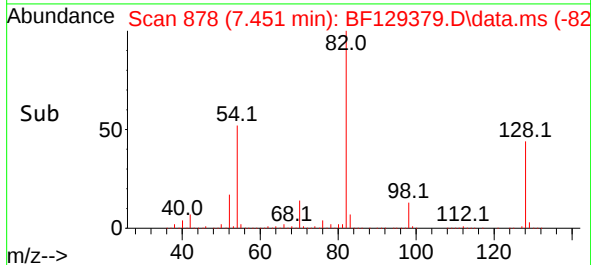
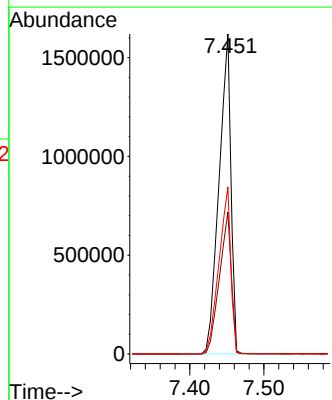
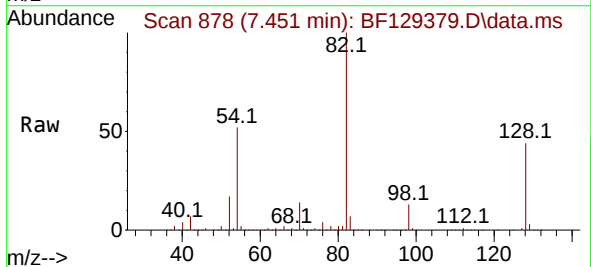
Instrument :
BNA_F
ClientSampleId :
MW-9D

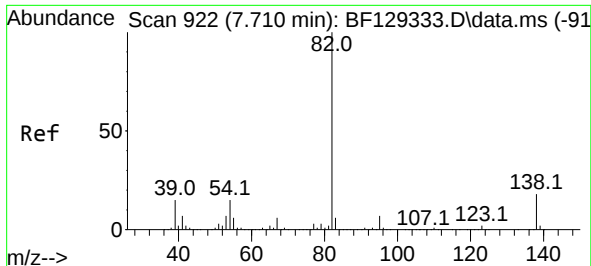
Tgt Ion:136 Resp: 1022101
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.6 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 96.635 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

Tgt Ion: 82 Resp: 1809363
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 52.2 46.9 70.3

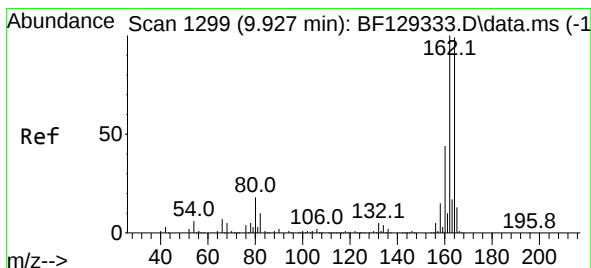
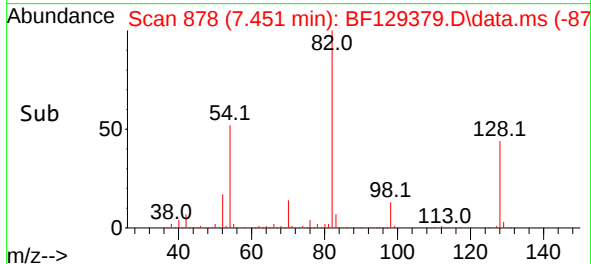
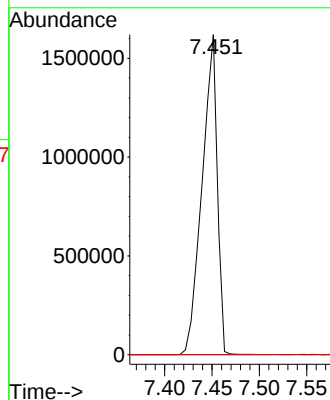
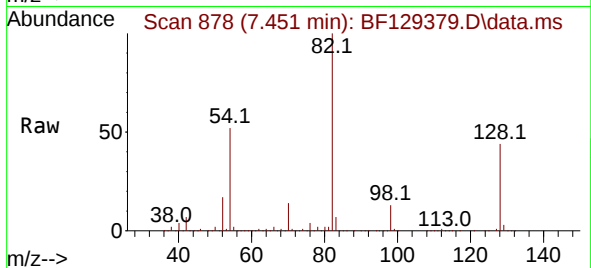




#25
Isophorone
Concen: 53.737 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

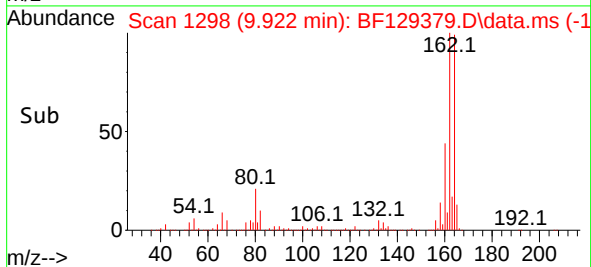
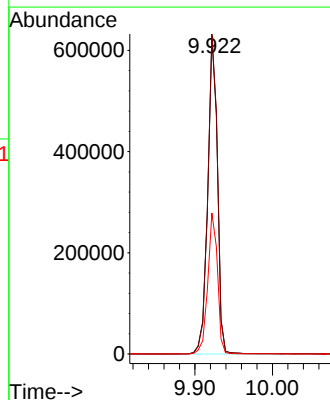
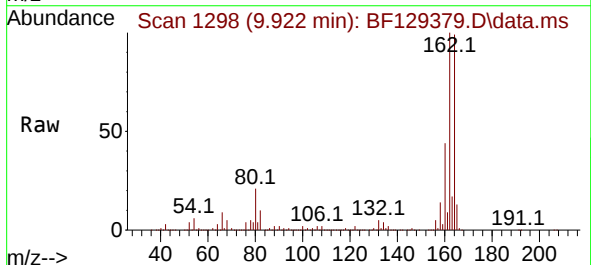
Instrument :
BNA_F
ClientSampleId :
MW-9D

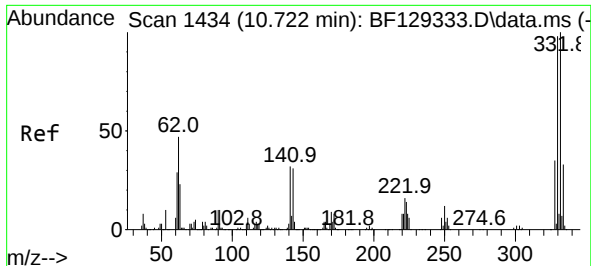
Tgt Ion: 82 Resp: 1803550
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

Tgt Ion:164 Resp: 544105
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 144.227 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129379.D

Acq: 27 Jul 2022 16:37

Instrument :

BNA_F

ClientSampleId :

MW-9D

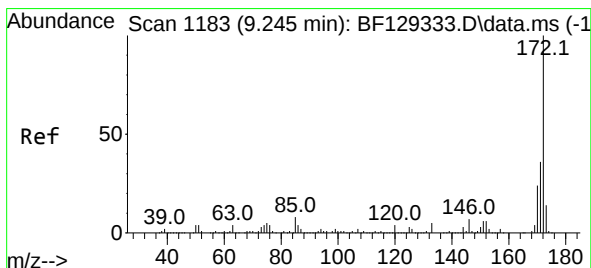
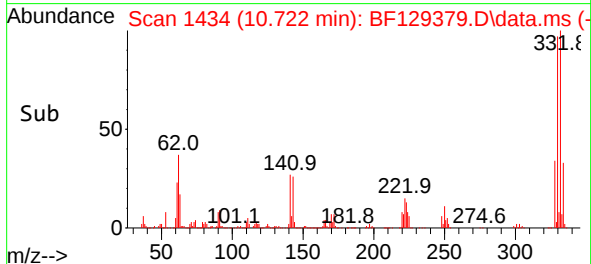
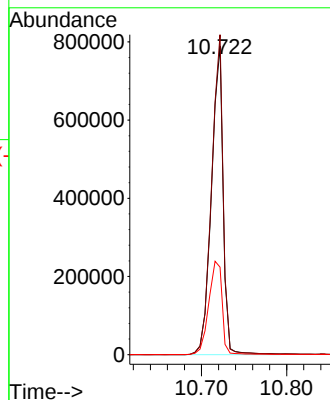
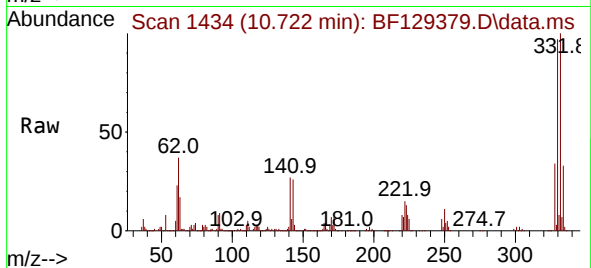
Tgt Ion:330 Resp: 754475

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.550 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129379.D

Acq: 27 Jul 2022 16:37

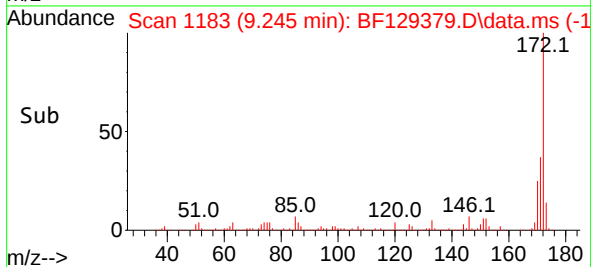
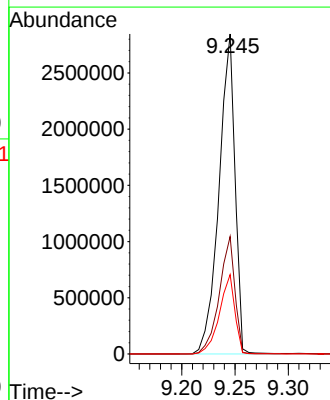
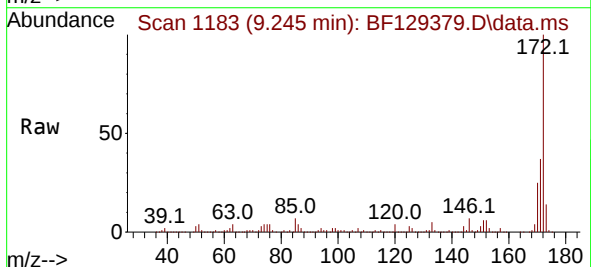
Tgt Ion:172 Resp: 2973856

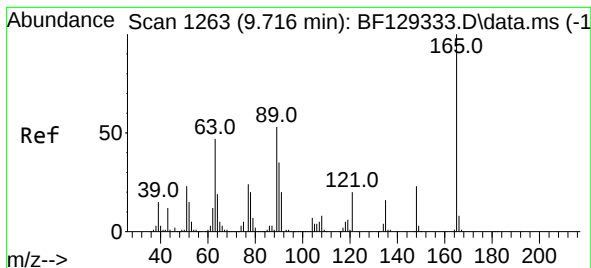
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.525 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129379.D

Acq: 27 Jul 2022 16:37

Instrument :

BNA_F

ClientSampleId :

MW-9D

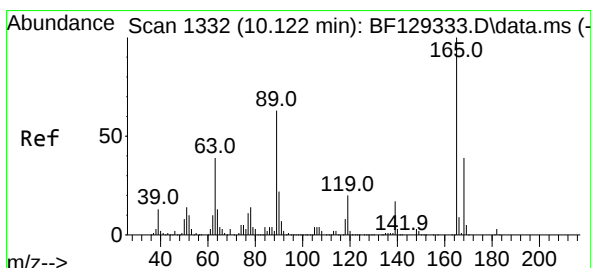
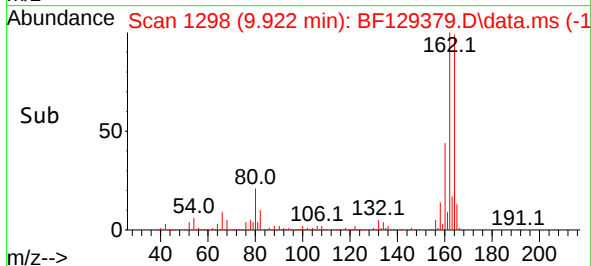
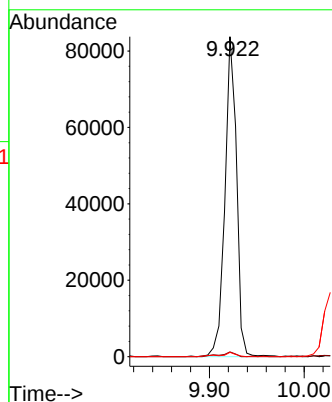
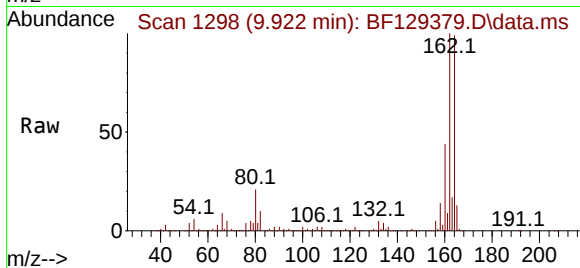
Tgt Ion:165 Resp: 71666

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.526 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129379.D

Acq: 27 Jul 2022 16:37

Tgt Ion:165 Resp: 71666

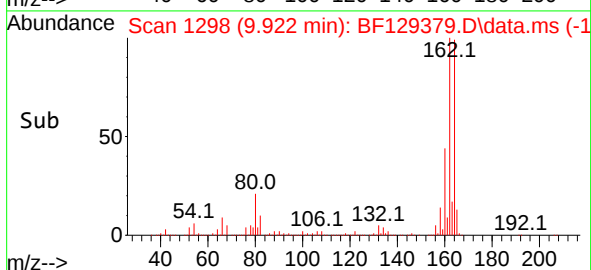
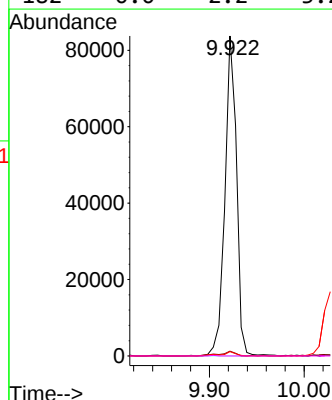
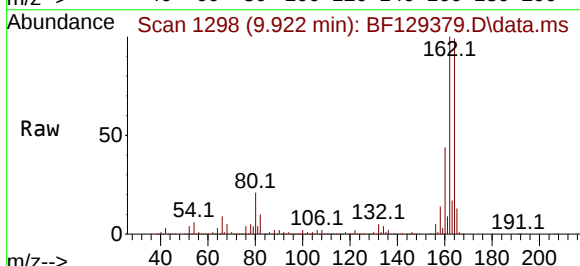
Ion Ratio Lower Upper

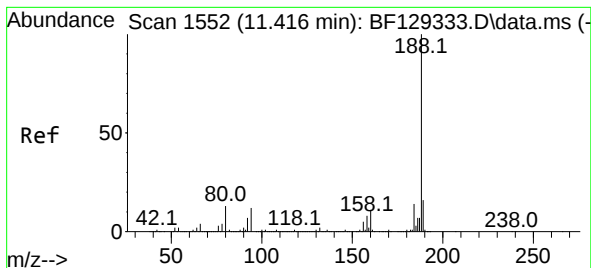
165 100

63 1.5 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129379.D

Acq: 27 Jul 2022 16:37

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ClientSampleId :

MW-9D

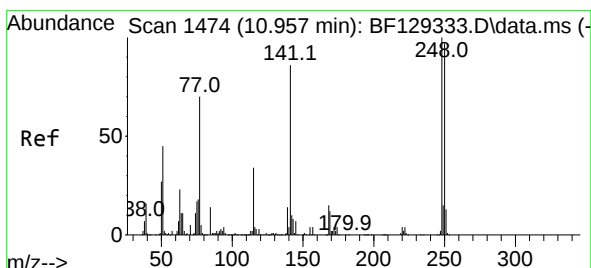
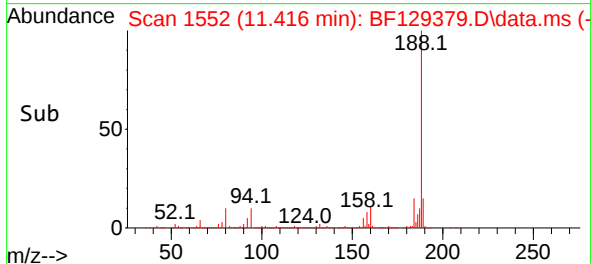
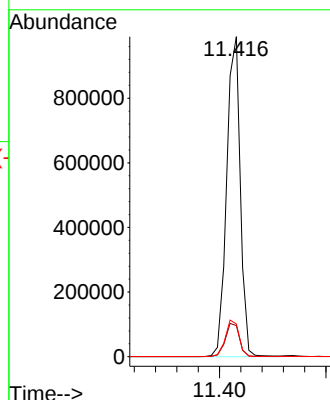
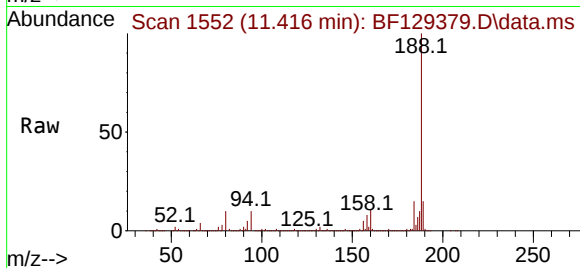
Tgt Ion:188 Resp: 876379

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.935 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129379.D

Acq: 27 Jul 2022 16:37

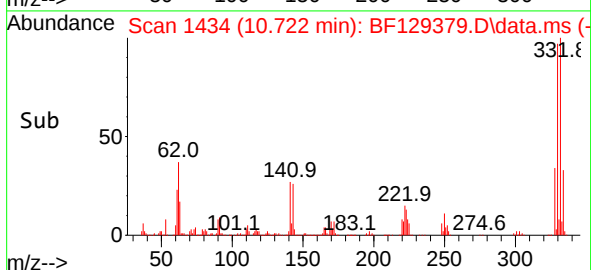
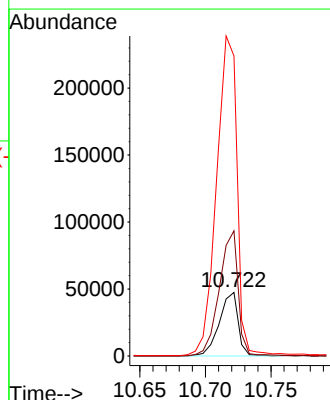
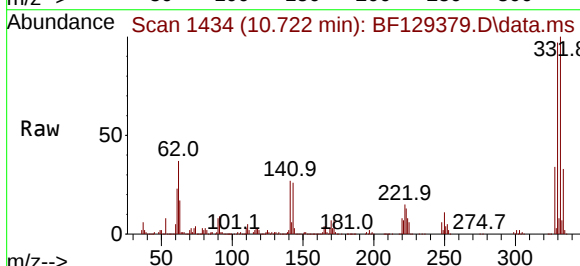
Tgt Ion:248 Resp: 47357

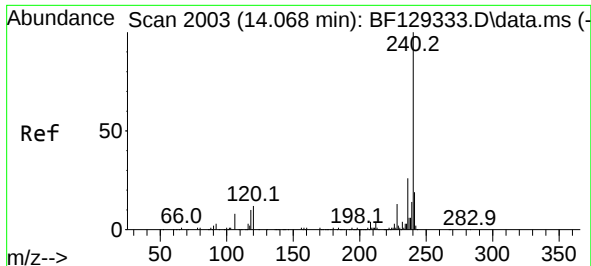
Ion Ratio Lower Upper

248 100

250 196.7 80.6 120.8#

141 471.9 58.9 88.3#

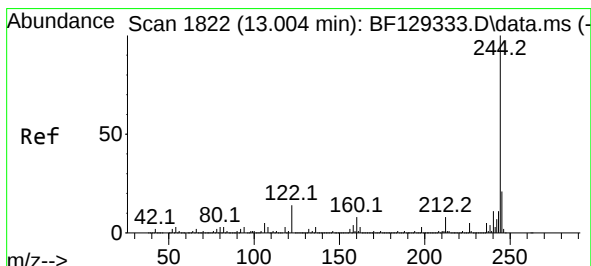
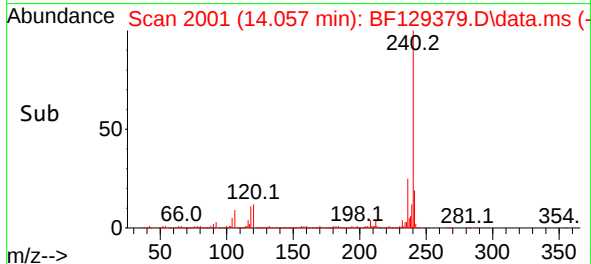
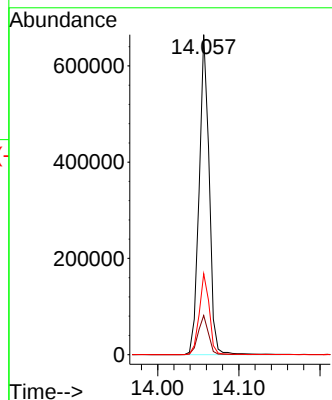
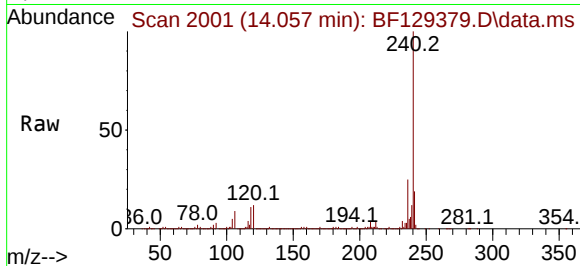




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

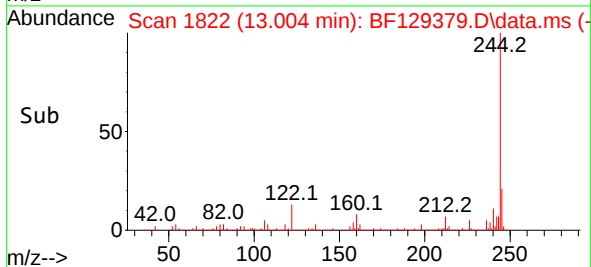
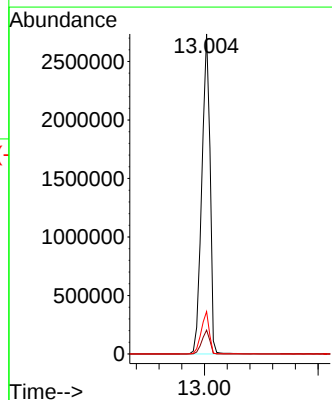
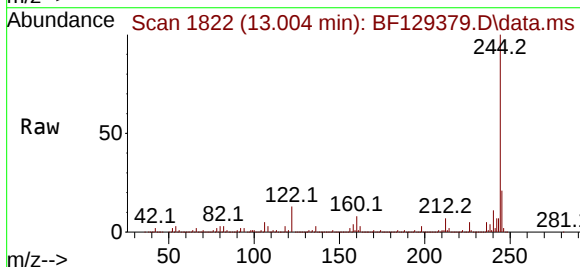
Instrument :
BNA_F
ClientSampleId :
MW-9D

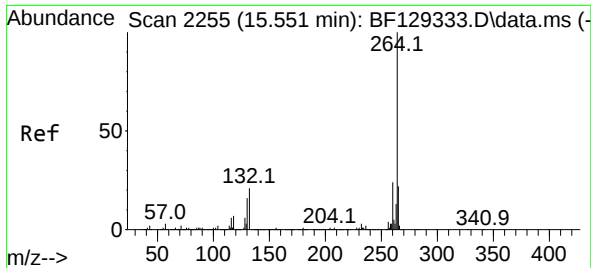
Tgt Ion:240 Resp: 573236
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 90.612 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129379.D
Acq: 27 Jul 2022 16:37

Tgt Ion:244 Resp: 2753227
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: 15.551 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129379.D
 Acq: 27 Jul 2022 16:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-9D

Tgt Ion:264 Resp: 448030
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.3 17.2 25.8

