

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129397.D
 Acq On : 28 Jul 2022 02:32
 Operator : CG\JU
 Sample : N3889-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Jul 28 03:02:05 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)

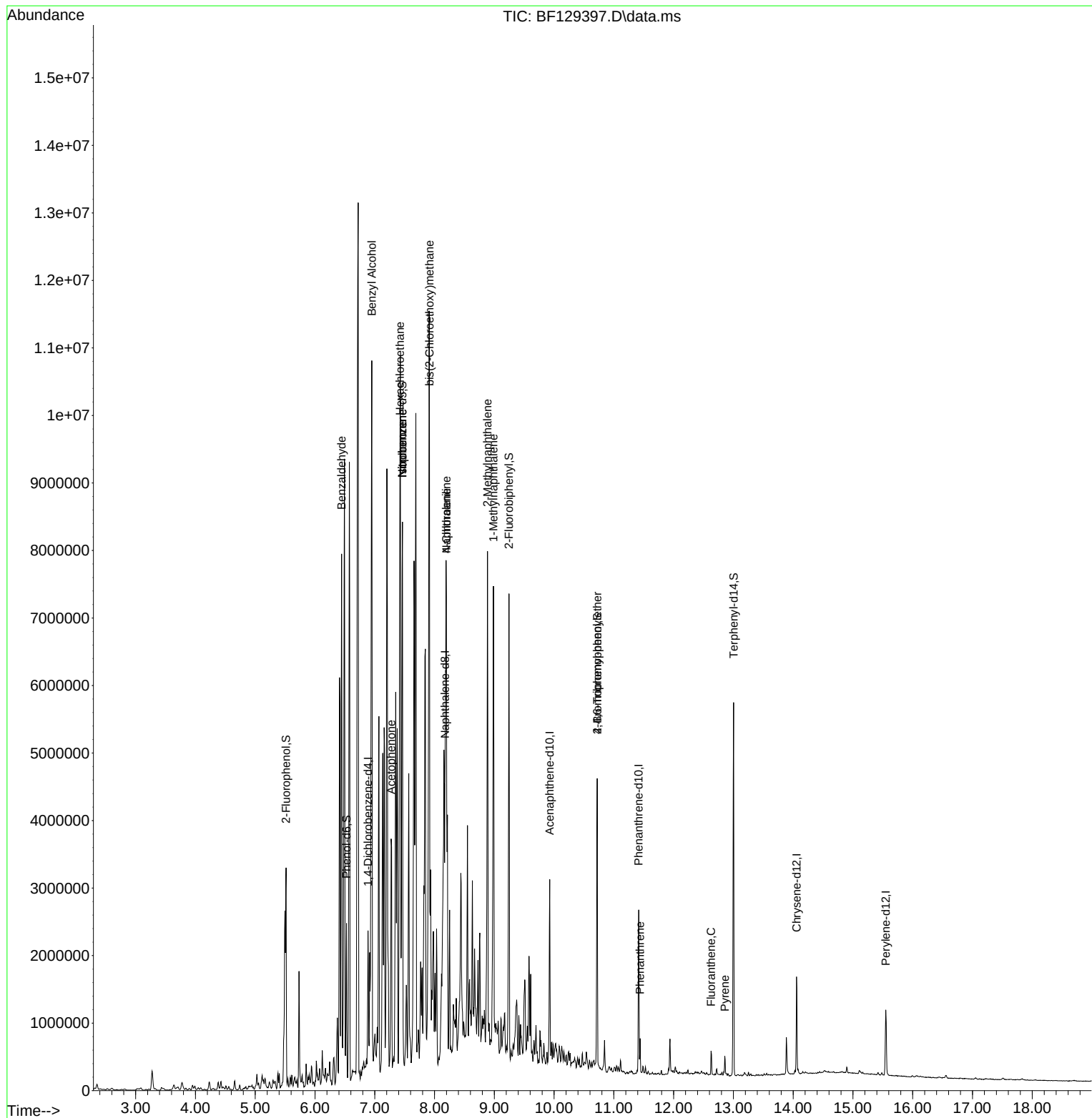
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	247986	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	883731	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	507386	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	800026	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	467877	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	430957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	868053	57.022	ng	0.02
7) Phenol-d6	6.528	99	736579	38.494	ng	0.01
23) Nitrobenzene-d5	7.463	82	1125477	69.521	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	504540	103.429	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2103393	64.130	ng	0.00
79) Terphenyl-d14	13.004	244	1894902	76.407	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	358358	27.578	ng	# 1
15) Benzyl Alcohol	6.951	79	447601	32.254	ng	# 9
18) Hexachloroethane	7.422	117	911762	133.479	ng	# 1
22) Acetophenone	7.275	105	1475719	71.724	ng	# 56
24) Nitrobenzene	7.463	77	109096	6.544	ng	# 15
25) Isophorone	7.463	82	1108908	38.214	ng	# 66
28) bis(2-Chloroethoxy)met...	7.916	93	36005	2.139	ng	# 80
31) Naphthalene	8.198	128	2744038	61.116	ng	97
33) 4-Chloroaniline	8.198	127	409596	22.220	ng	# 34
37) 2-Methylnaphthalene	8.886	142	2202134	75.473	ng	99
38) 1-Methylnaphthalene	8.986	142	1834347	65.125	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	31697	3.618	ng	# 1
71) Phenanthrene	11.439	178	165585	3.792	ng	99
75) Fluoranthene	12.627	202	128368	2.901	ng	98
78) Pyrene	12.857	202	114197	2.919	ng	99

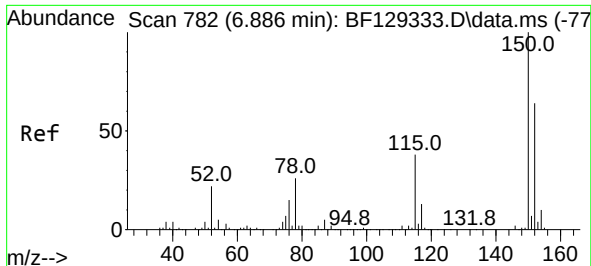
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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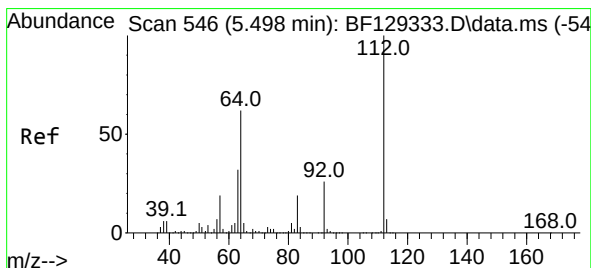
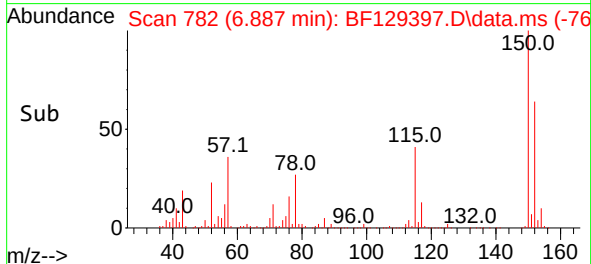
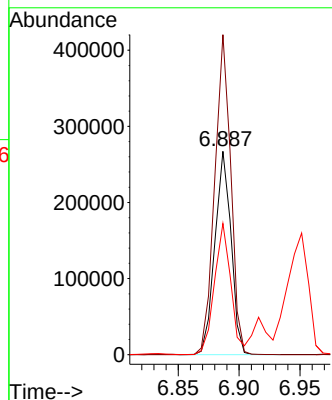
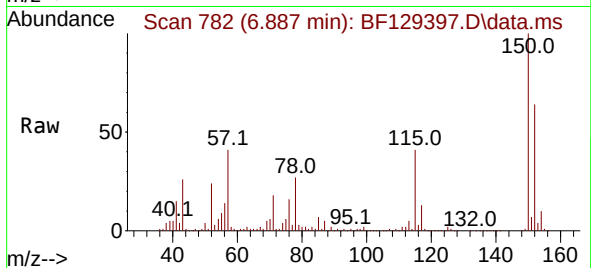




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

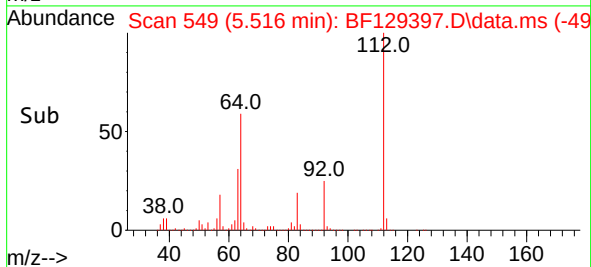
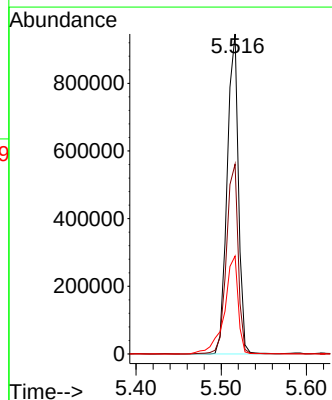
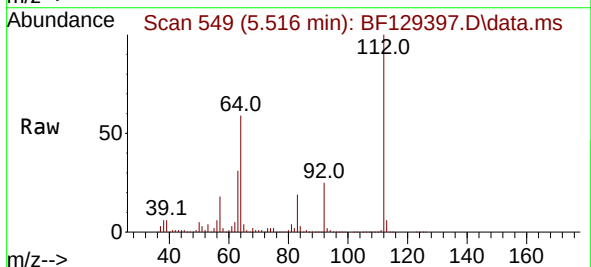
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

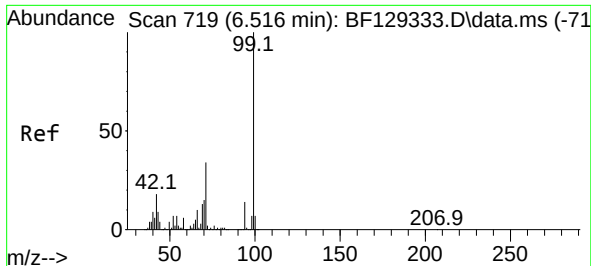
Tgt Ion:152 Resp: 247986
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 64.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 57.022 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

Tgt Ion:112 Resp: 868053
 Ion Ratio Lower Upper
 112 100
 64 59.3 53.3 79.9
 63 30.6 28.0 42.0





#7

Phenol-d6

Concen: 38.494 ng

RT: 6.528 min Scan# 719

Delta R.T. 0.012 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

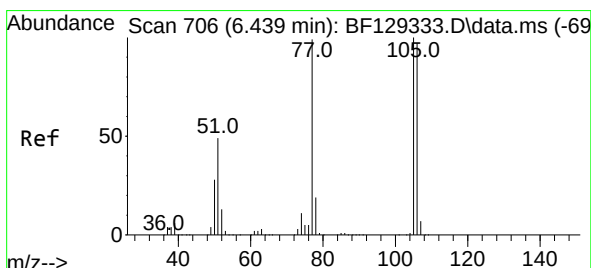
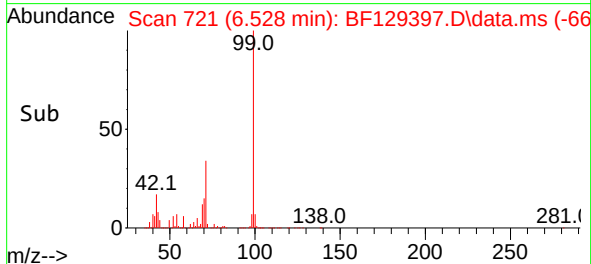
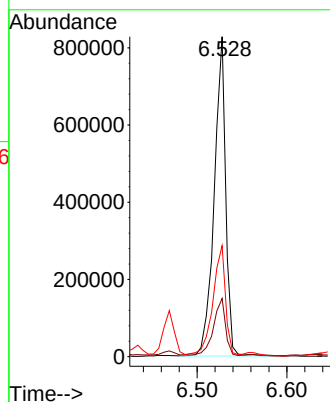
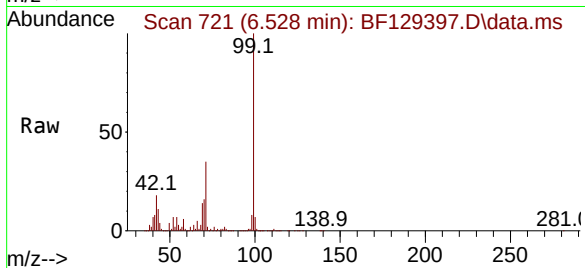
Tgt Ion: 99 Resp: 736579

Ion Ratio Lower Upper

99 100

42 18.2 17.3 25.9

71 34.7 28.9 43.3



#9

Benzaldehyde

Concen: 27.578 ng

RT: 6.445 min Scan# 707

Delta R.T. 0.006 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

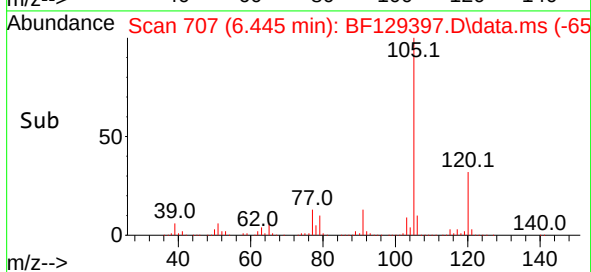
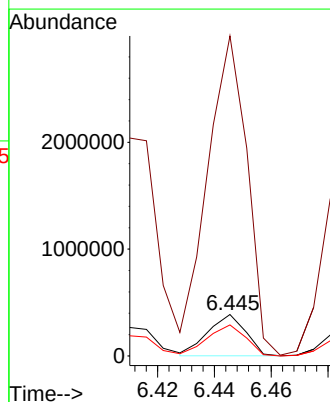
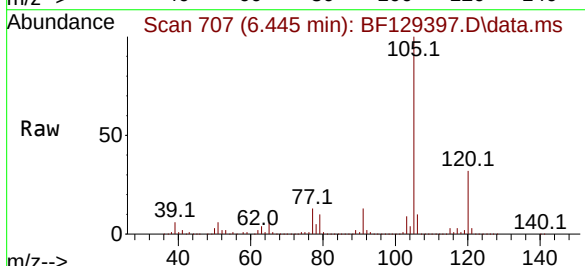
Tgt Ion: 77 Resp: 358358

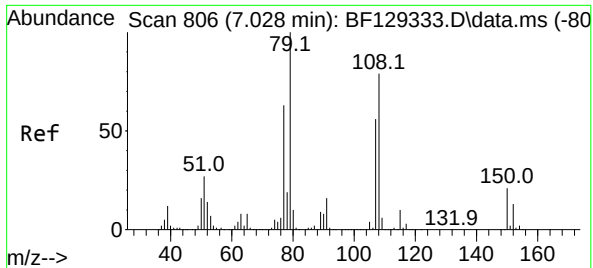
Ion Ratio Lower Upper

77 100

105 772.2 81.6 121.6#

106 75.1 76.1 116.1#

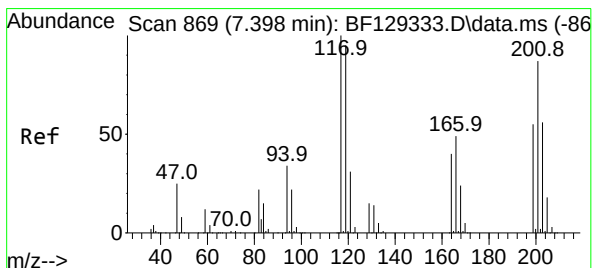
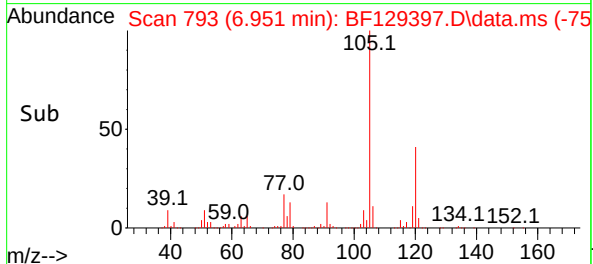
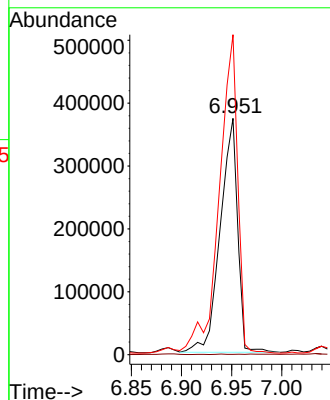
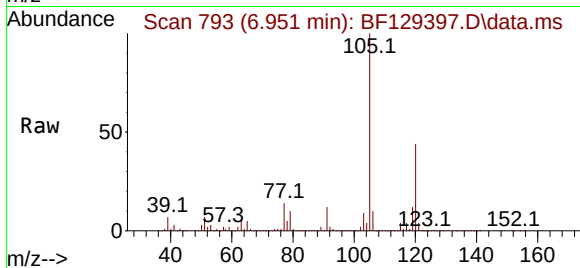




#15
Benzyl Alcohol
Concen: 32.254 ng
RT: 6.951 min Scan# 71
Delta R.T. -0.076 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

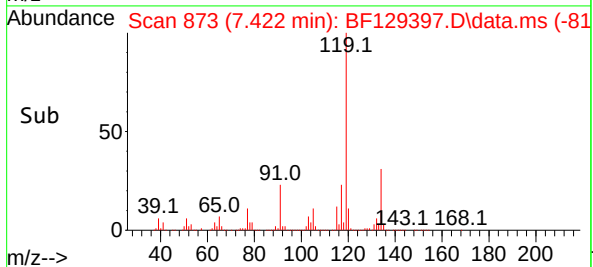
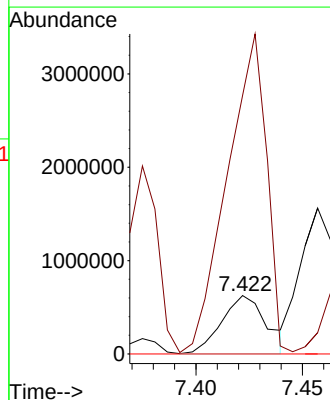
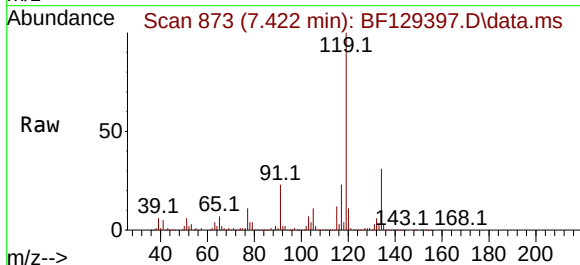
Instrument :
BNA_F
ClientSampleId :
MW-9

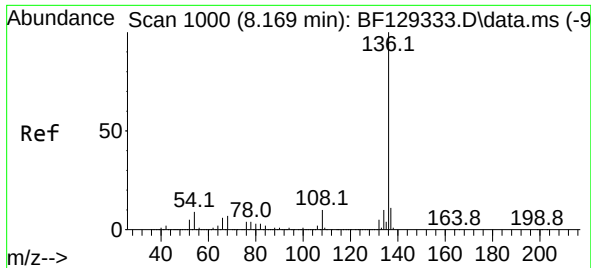
Tgt Ion: 79 Resp: 447601
Ion Ratio Lower Upper
79 100
108 0.2 61.8 92.6#
77 135.4 50.2 75.4#



#18
Hexachloroethane
Concen: 133.479 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.024 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

Tgt Ion: 117 Resp: 911762
Ion Ratio Lower Upper
117 100
119 442.4 77.4 116.2#
201 0.0 84.6 127.0#

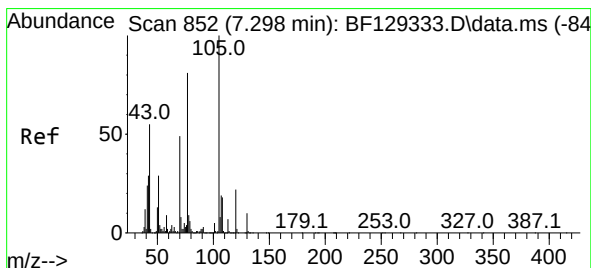
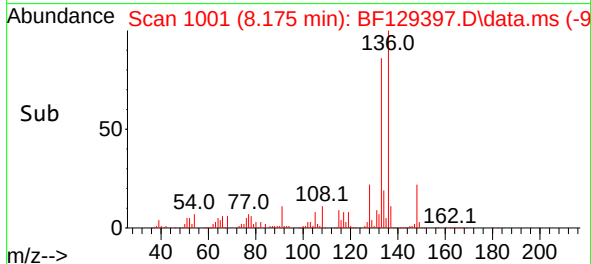
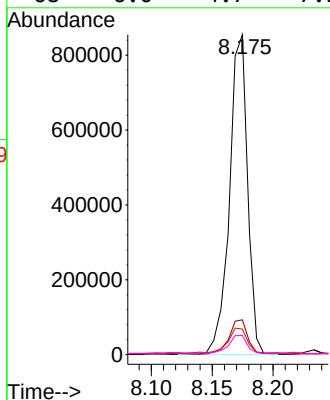
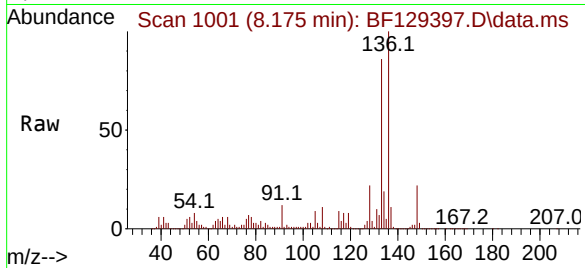




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

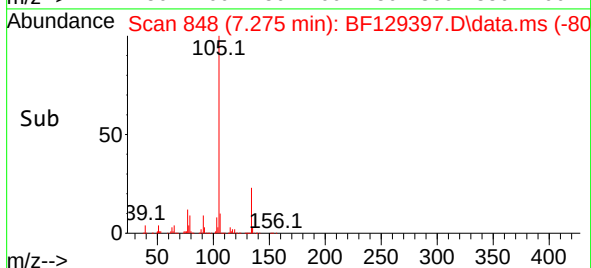
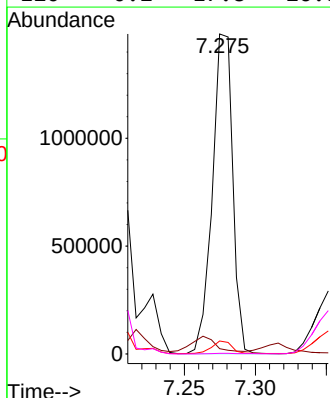
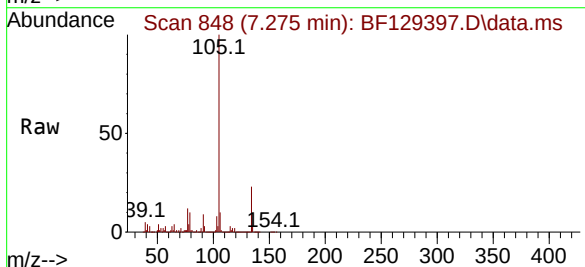
Instrument :
BNA_F
ClientSampleId :
MW-9

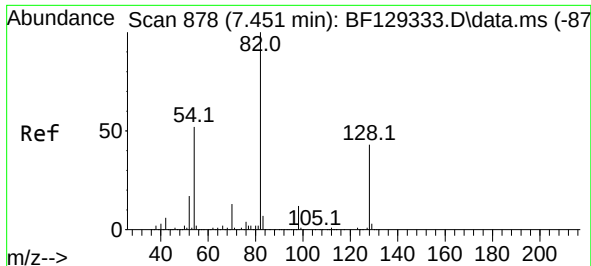
Tgt Ion:136 Resp: 883731
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 7.5 11.3
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 71.724 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.023 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

Tgt Ion:105 Resp: 1475719
Ion Ratio Lower Upper
105 100
71 1.7 5.0 7.4#
51 4.0 25.0 37.4#
120 0.2 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 69.521 ng

RT: 7.463 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

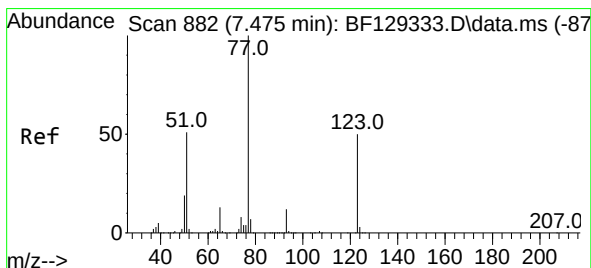
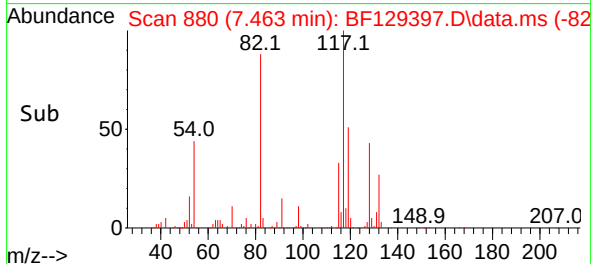
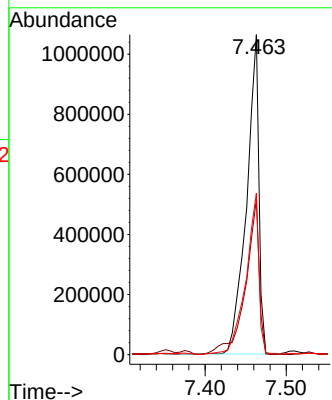
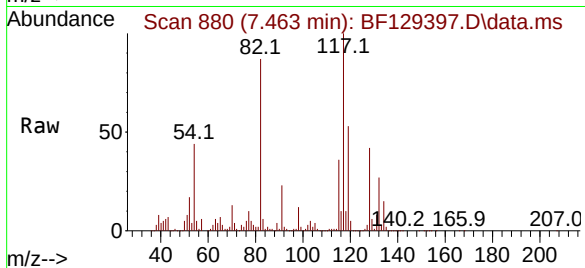
BNA_F

ClientSampleId :

MW-9

Tgt Ion: 82 Resp: 1125477

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	50.5	46.9	70.3



#24

Nitrobenzene

Concen: 6.544 ng

RT: 7.463 min Scan# 880

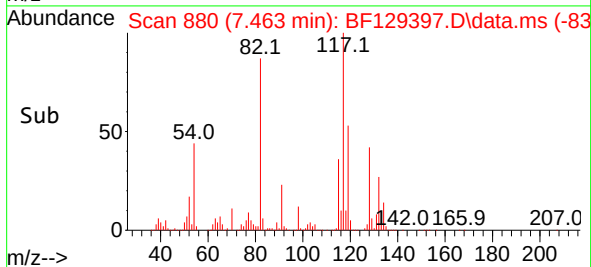
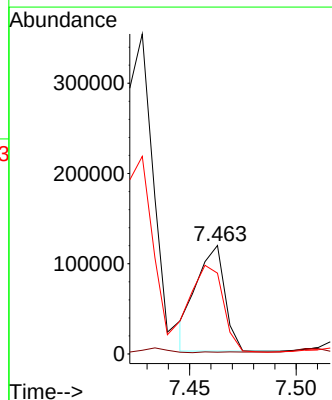
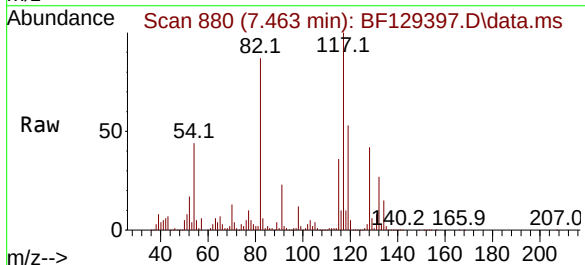
Delta R.T. -0.012 min

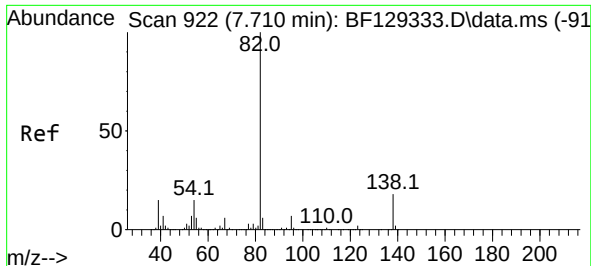
Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Tgt Ion: 77 Resp: 109096

Ion	Ratio	Lower	Upper
77	100		
123	1.6	35.4	53.2#
65	74.4	11.8	17.8#

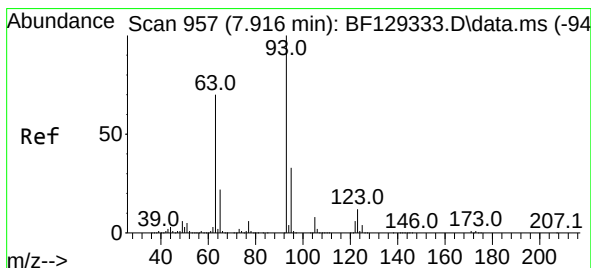
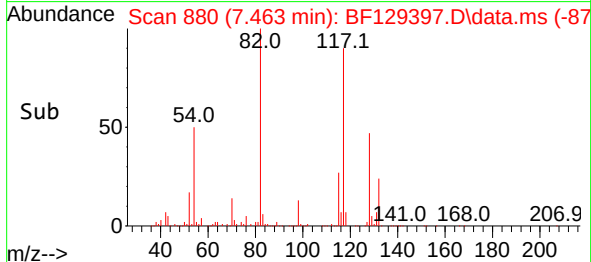
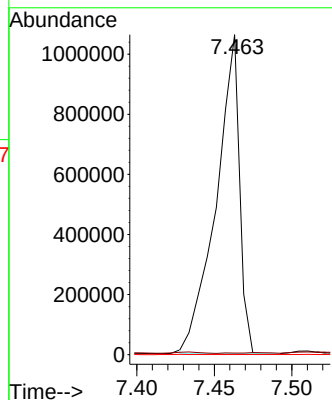
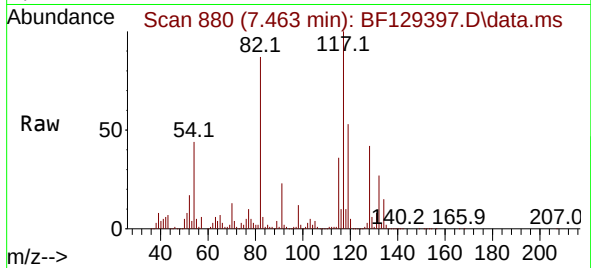




#25
Isophorone
Concen: 38.214 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.247 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

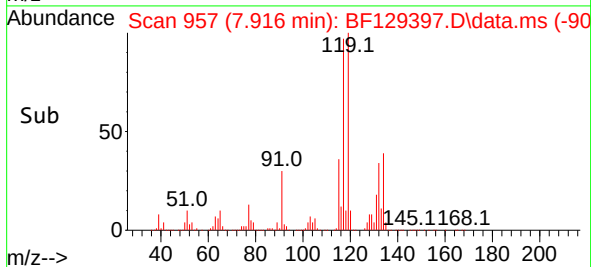
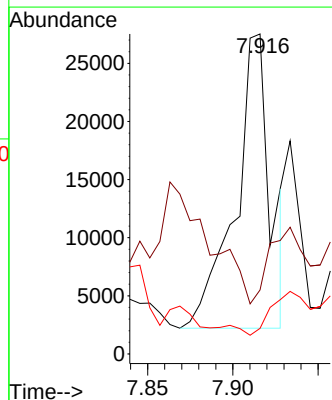
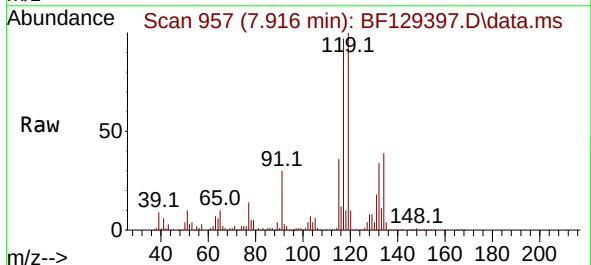
Instrument :
BNA_F
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MW-9

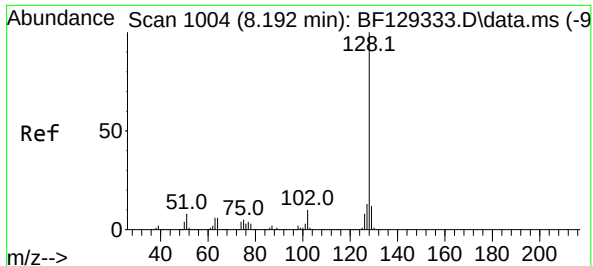
Tgt Ion: 82 Resp: 1108908
Ion Ratio Lower Upper
82 100
95 0.5 5.7 8.5#
138 0.0 14.2 21.2#



#28
bis(2-Chloroethoxy)methane
Concen: 2.139 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

Tgt Ion: 93 Resp: 36005
Ion Ratio Lower Upper
93 100
95 20.0 26.8 40.2#
123 8.0 9.2 13.8#





#31

Naphthalene

Concen: 61.116 ng

RT: 8.198 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

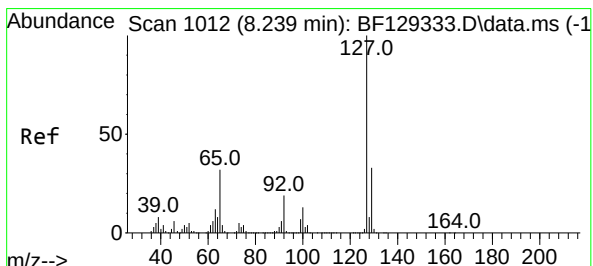
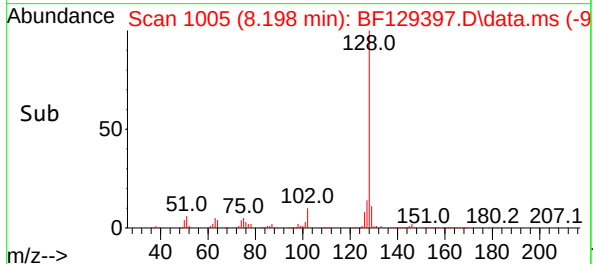
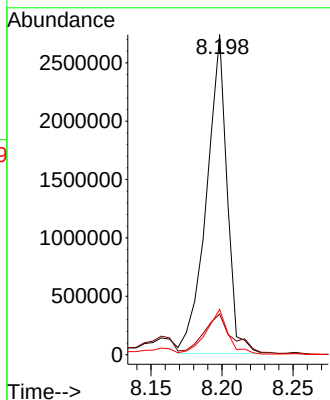
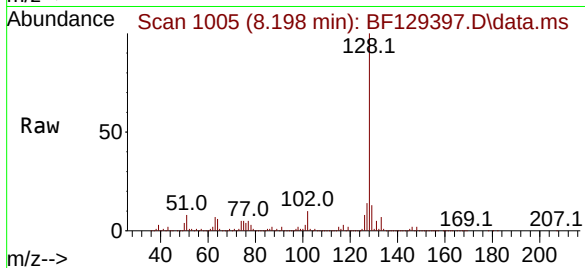
Tgt Ion:128 Resp: 2744038

Ion Ratio Lower Upper

128 100

129 12.7 9.2 13.8

127 14.2 10.5 15.7



#33

4-Chloroaniline

Concen: 22.220 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.041 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Tgt Ion:127 Resp: 409596

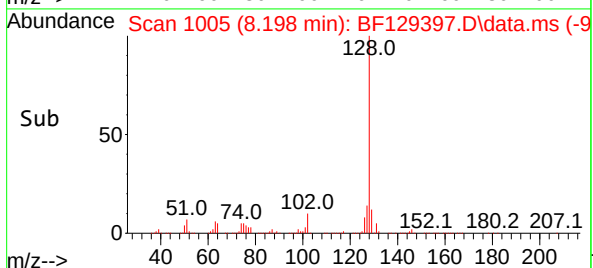
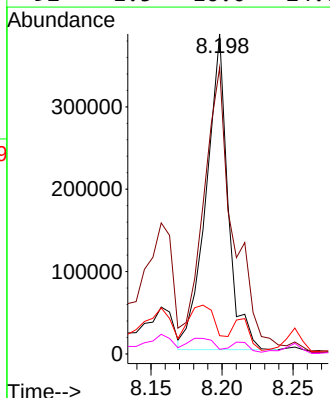
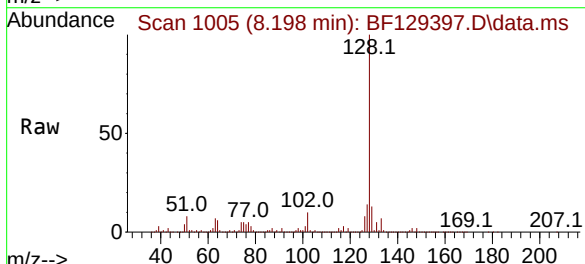
Ion Ratio Lower Upper

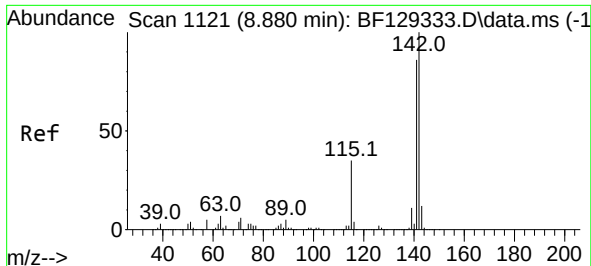
127 100

129 89.5 26.4 39.6#

65 5.7 26.4 39.6#

92 1.5 16.0 24.0#





#37

2-Methylnaphthalene

Concen: 75.473 ng

RT: 8.886 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

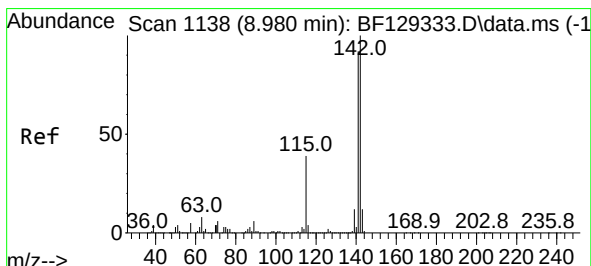
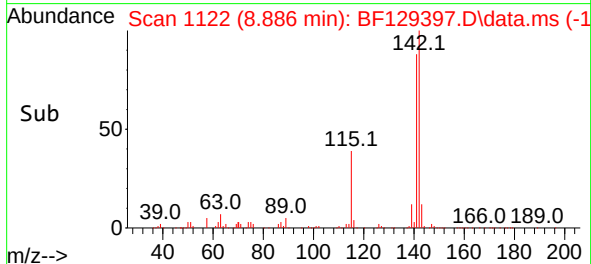
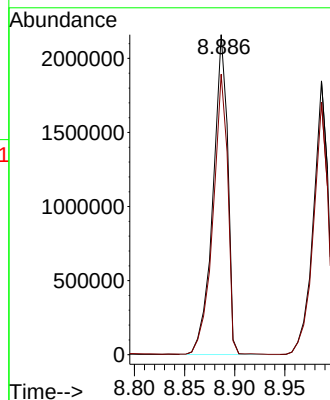
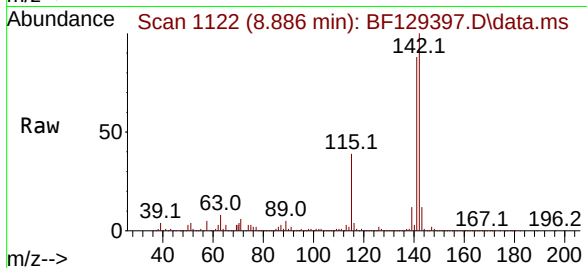
MW-9

Tgt Ion:142 Resp: 2202134

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4



#38

1-Methylnaphthalene

Concen: 65.125 ng

RT: 8.986 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF129397.D

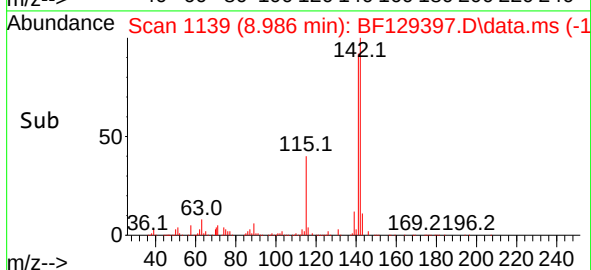
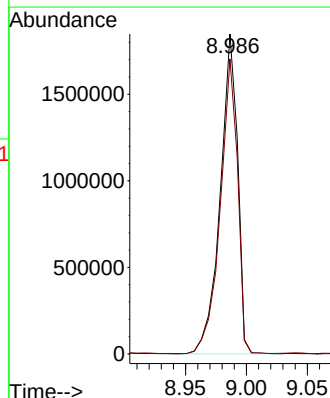
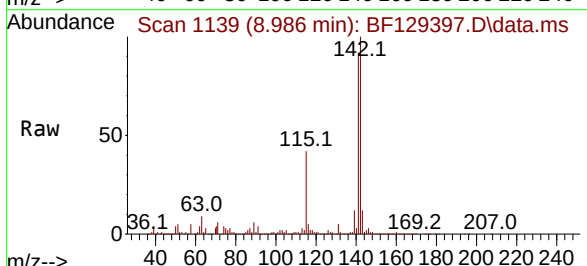
Acq: 28 Jul 2022 02:32

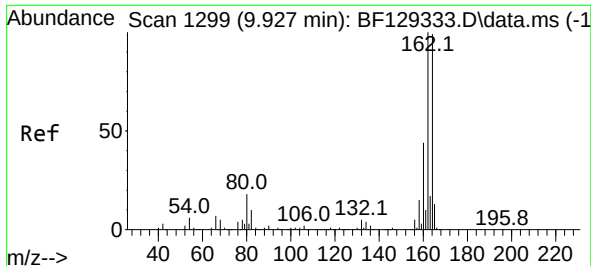
Tgt Ion:142 Resp: 1834347

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

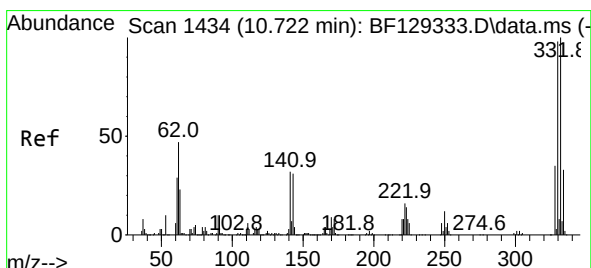
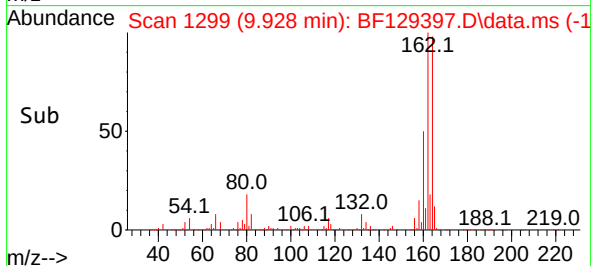
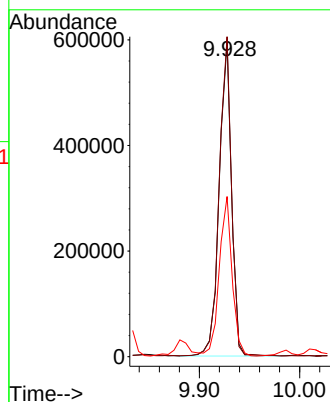
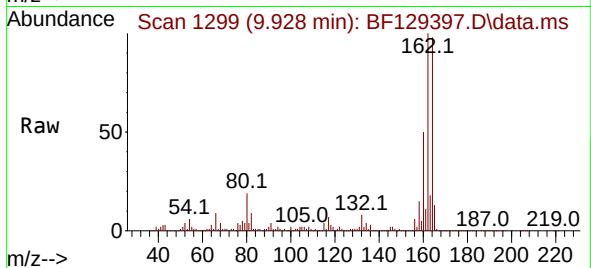
Tgt Ion:164 Resp: 507386

Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 51.0 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 103.429 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

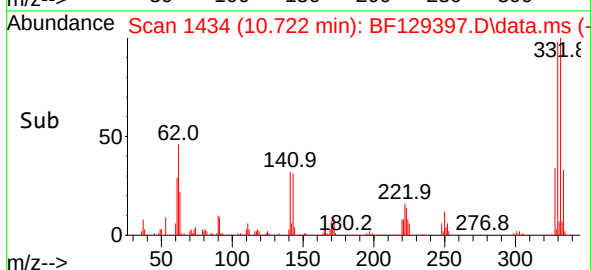
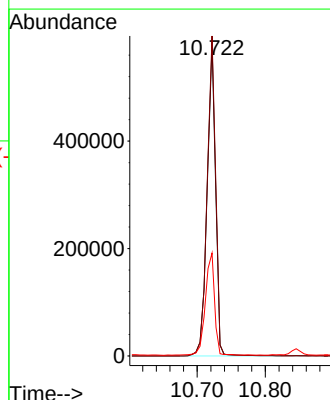
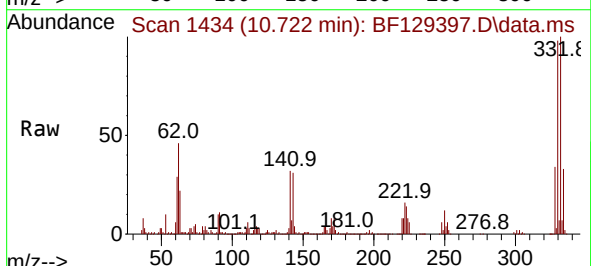
Tgt Ion:330 Resp: 504540

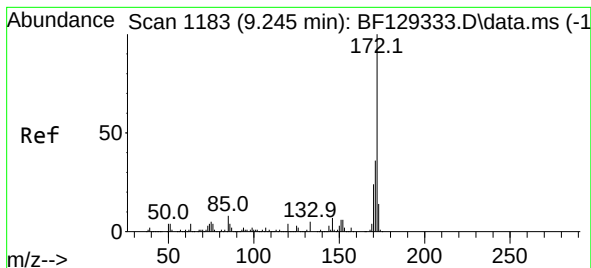
Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.6 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 64.130 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

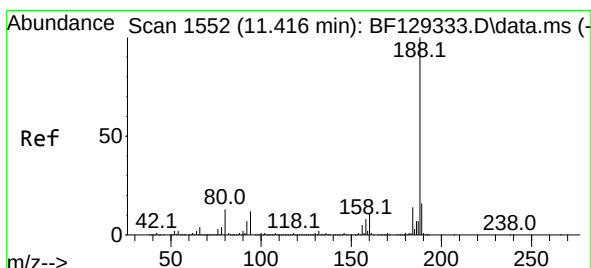
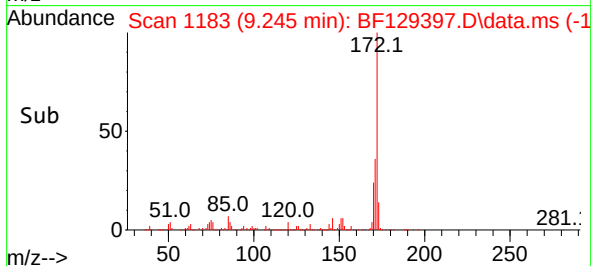
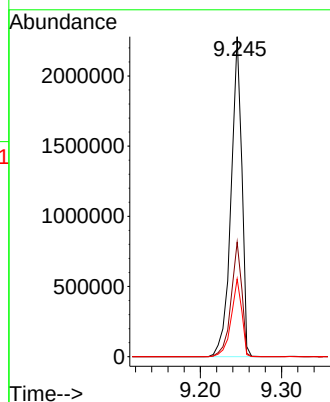
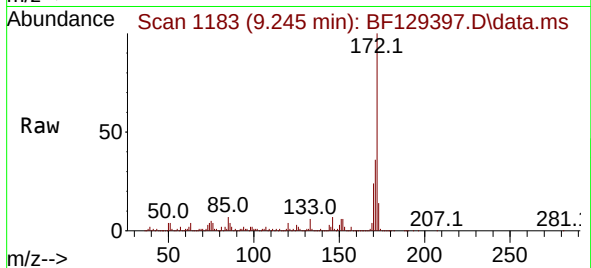
Tgt Ion:172 Resp: 2103393

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

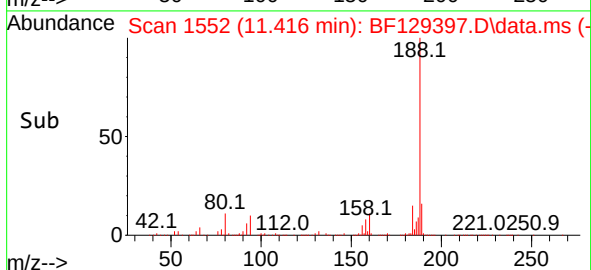
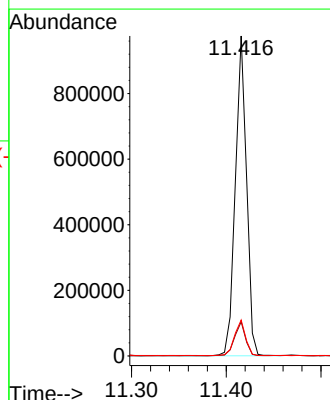
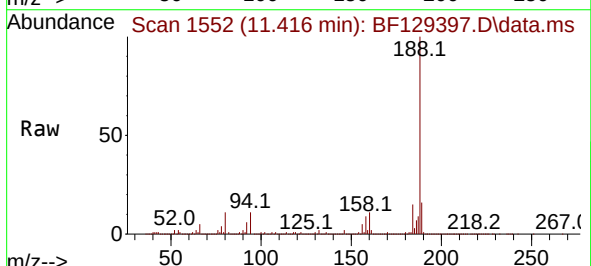
Tgt Ion:188 Resp: 800026

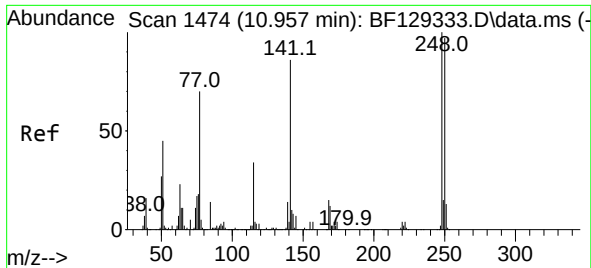
Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6

80 11.3 7.6 11.4

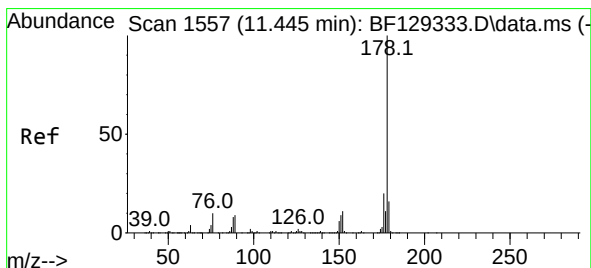
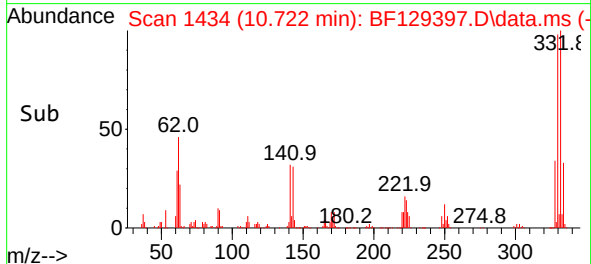
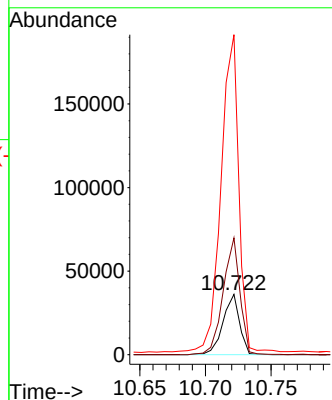
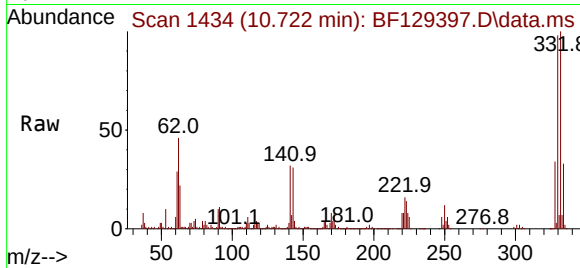




#67
4-Bromophenyl-phenylether
Concen: 3.618 ng
RT: 10.722 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

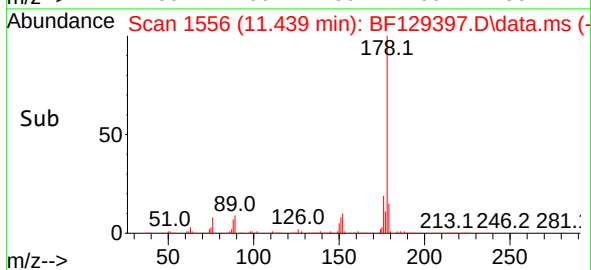
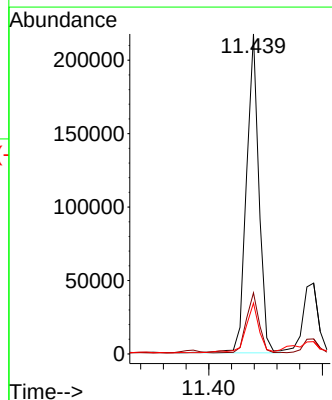
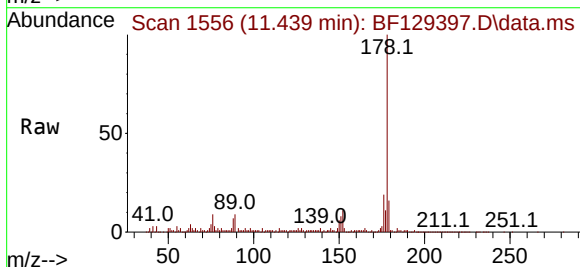
Instrument :
BNA_F
ClientSampleId :
MW-9

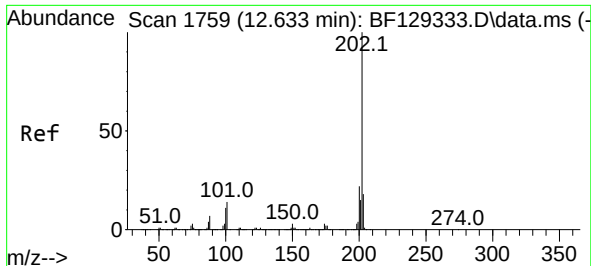
Tgt Ion:248 Resp: 31697
Ion Ratio Lower Upper
248 100
250 193.8 80.6 120.8#
141 531.0 58.9 88.3#



#71
Phenanthrene
Concen: 3.792 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

Tgt Ion:178 Resp: 165585
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.9 12.6 19.0

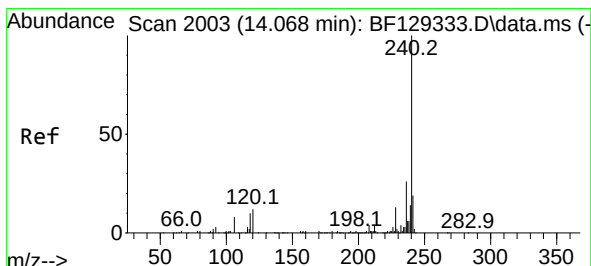
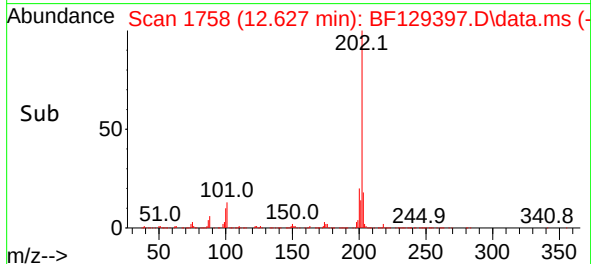
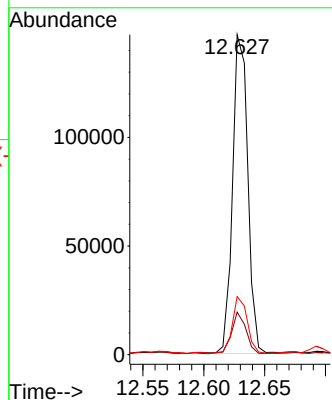
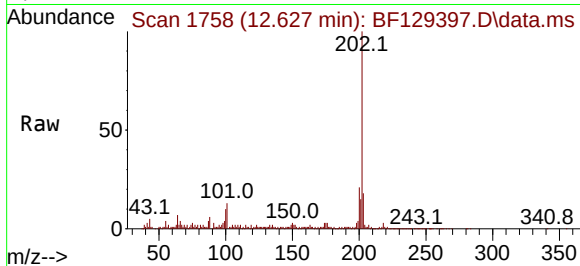




#75
Fluoranthene
Concen: 2.901 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

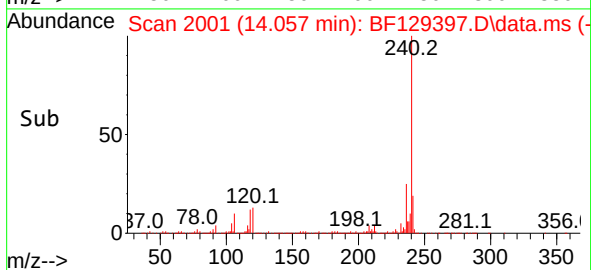
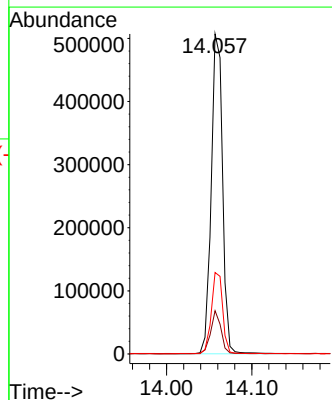
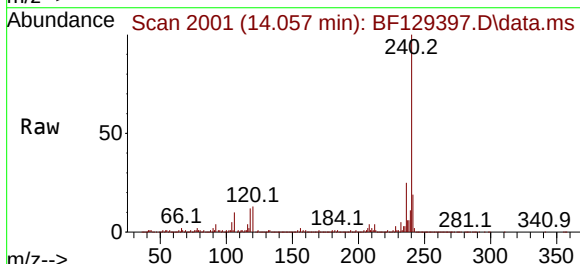
Instrument :
BNA_F
ClientSampleId :
MW-9

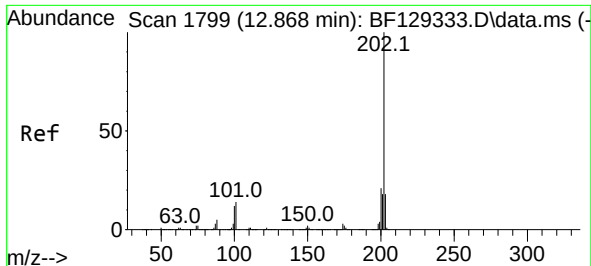
Tgt Ion:202 Resp: 128368
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

Tgt Ion:240 Resp: 467877
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 25.4 20.8 31.2

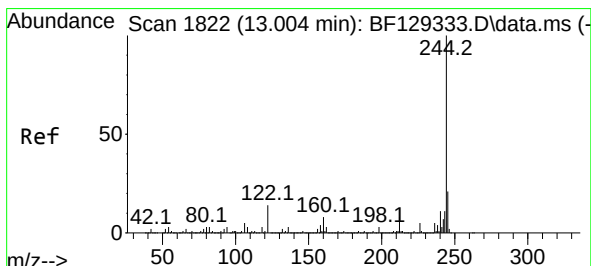
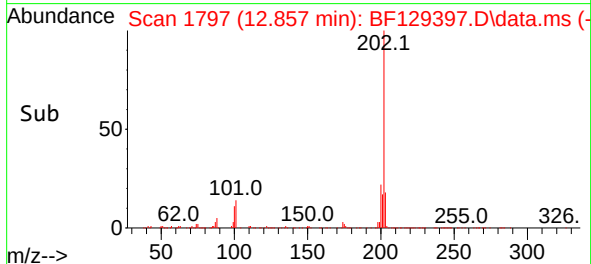
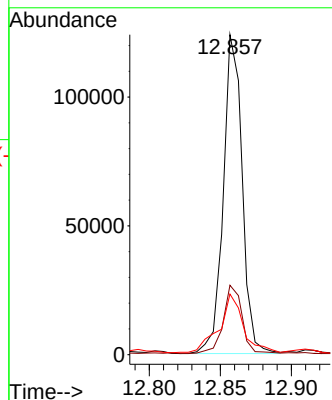
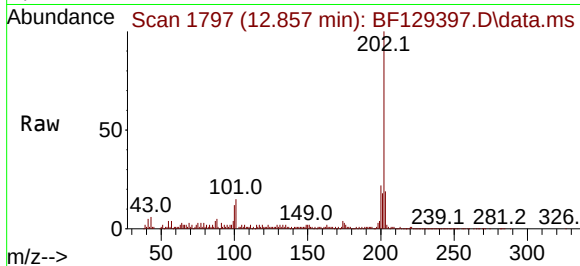




#78
 Pyrene
 Concen: 2.919 ng
 RT: 12.857 min Scan# 1797
 Delta R.T. -0.012 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

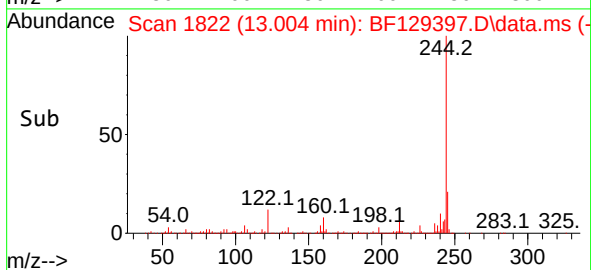
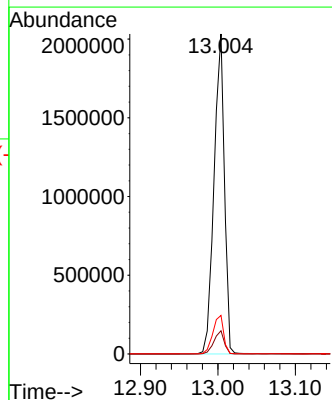
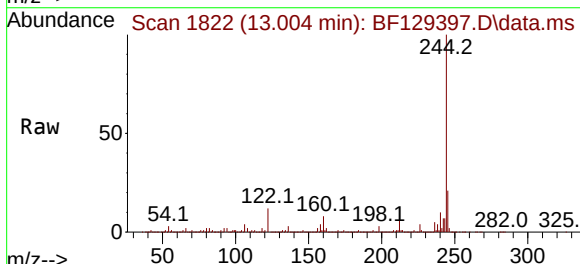
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

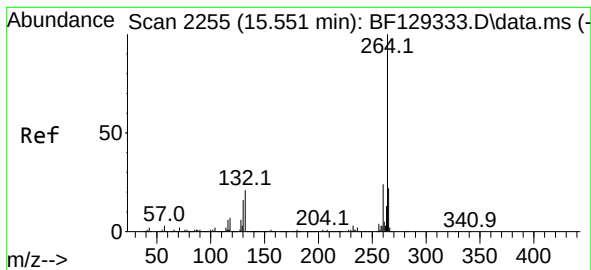
Tgt Ion:202 Resp: 114197
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 18.9 14.6 21.8



#79
 Terphenyl-d14
 Concen: 76.407 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

Tgt Ion:244 Resp: 1894902
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.0 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: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

Tgt Ion:264 Resp: 430957

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 22.0 17.2 25.8

