

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)

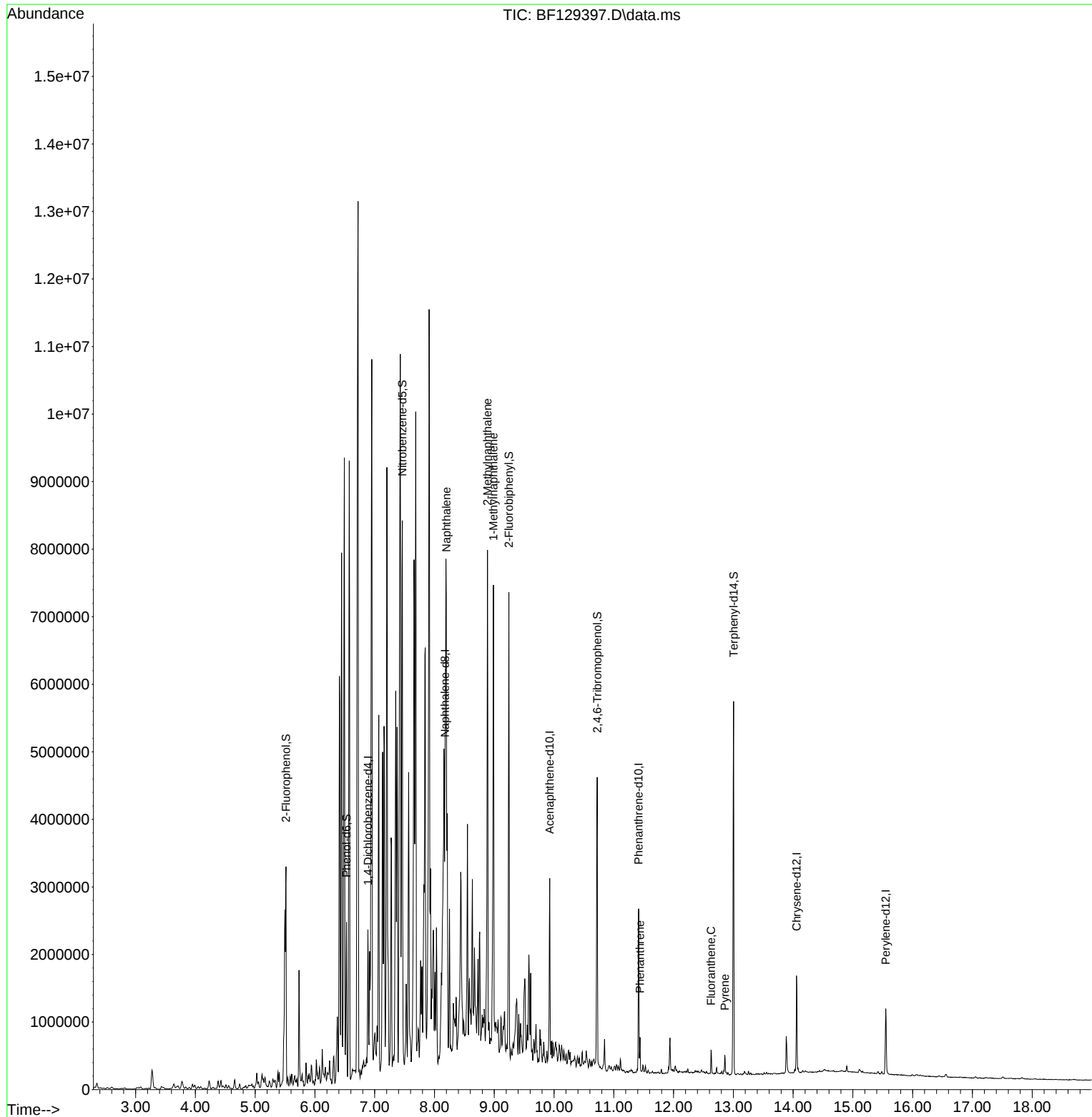
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	247986	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	883731	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	507386	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	800026	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	467877	20.000	ng	#-0.01
86) Perylene-d12	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
31) Naphthalene	8.198	128	2744038	61.116	ng	97
37) 2-Methylnaphthalene	8.886	142	2202134	75.473	ng	99
38) 1-Methylnaphthalene	8.986	142	1834347	65.125	ng	99
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

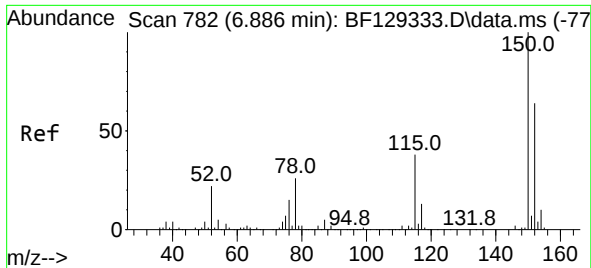
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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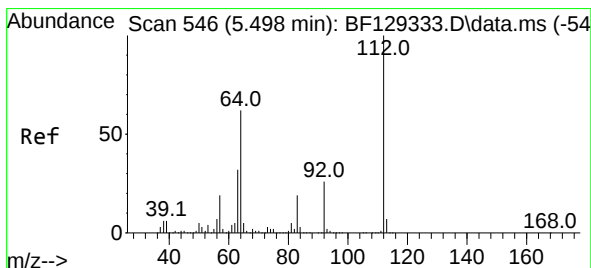
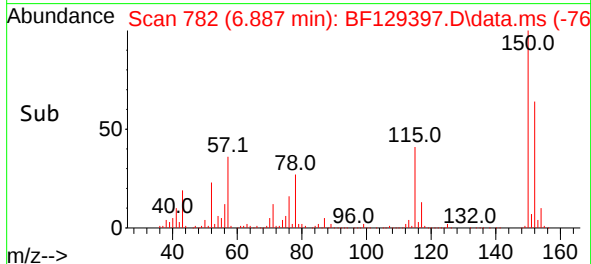
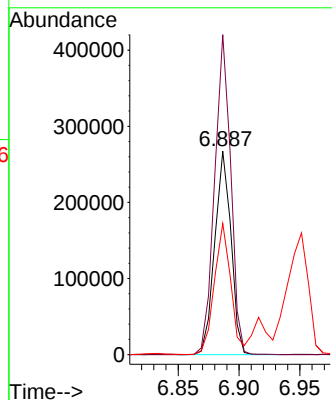
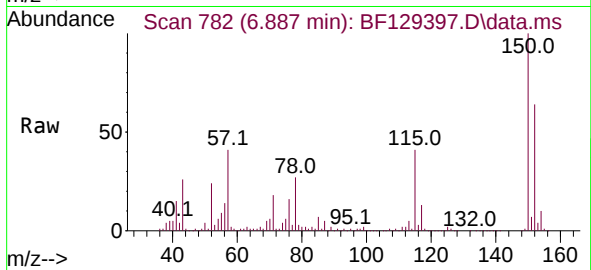




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 782
 Delta R.T. 0.001 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

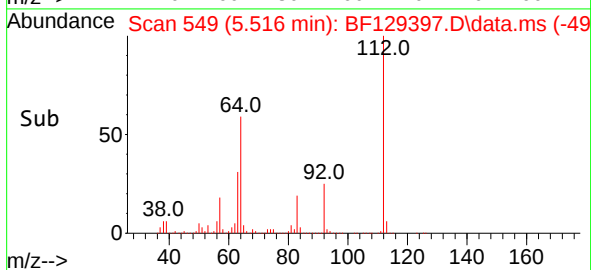
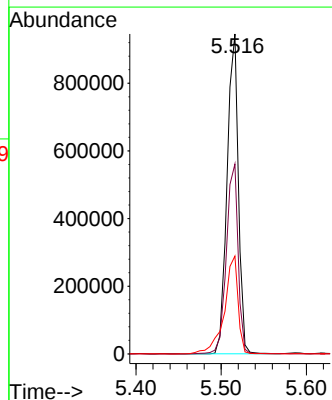
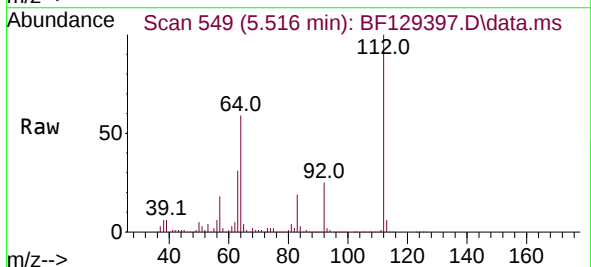
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

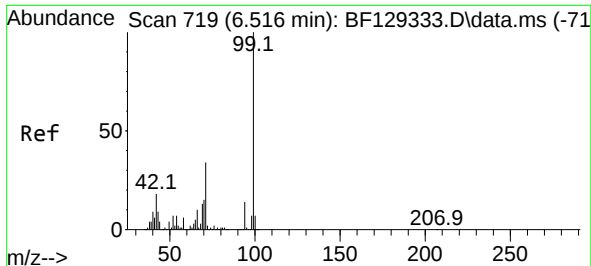
Tgt Ion:152 Resp: 247986
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 64.5 49.9 74.9



#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# 71

Delta R.T. 0.012 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

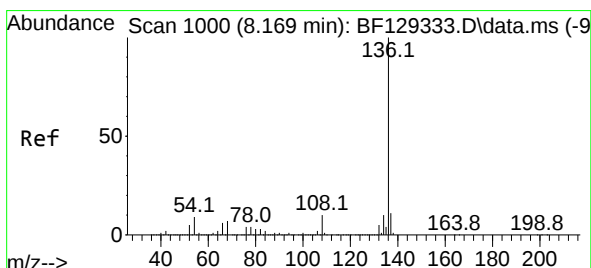
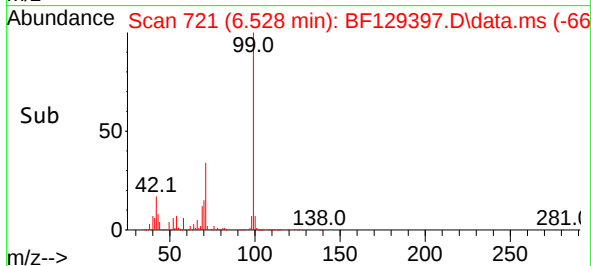
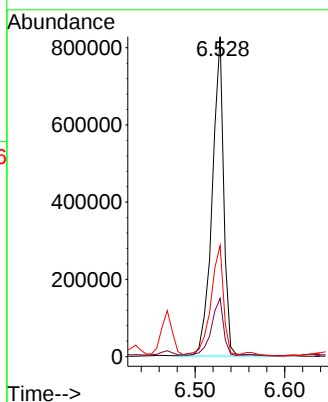
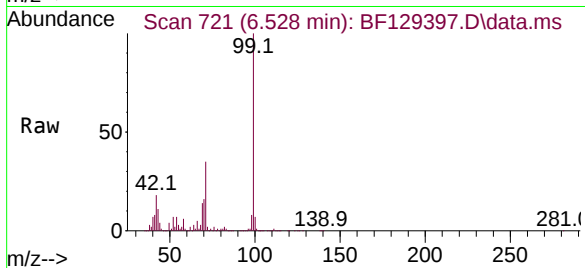
Tgt Ion: 99 Resp: 736579

Ion Ratio Lower Upper

99 100

42 18.2 17.3 25.9

71 34.7 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Tgt Ion: 136 Resp: 883731

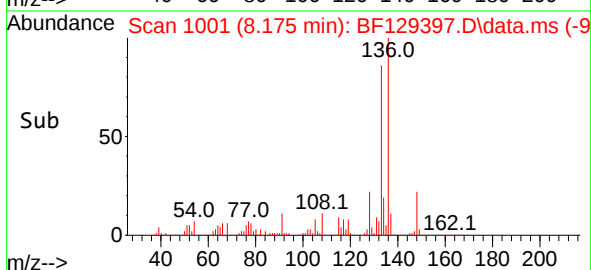
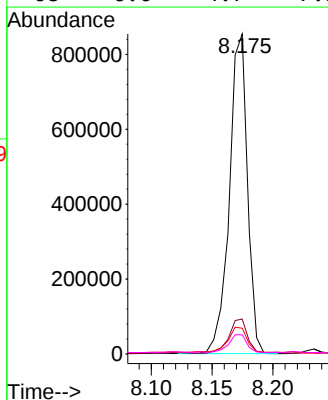
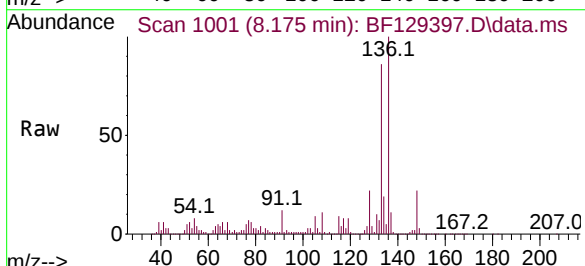
Ion Ratio Lower Upper

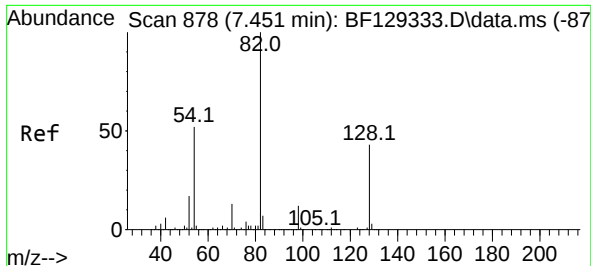
136 100

137 10.9 8.8 13.2

54 8.0 7.5 11.3

68 6.0 4.7 7.1





#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

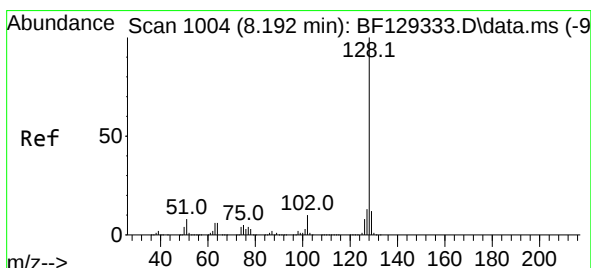
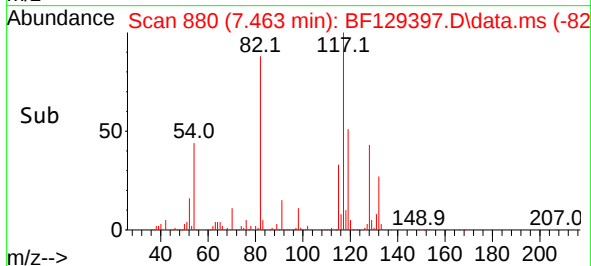
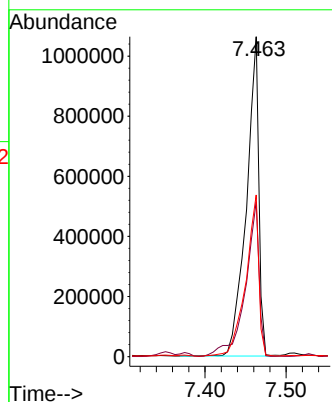
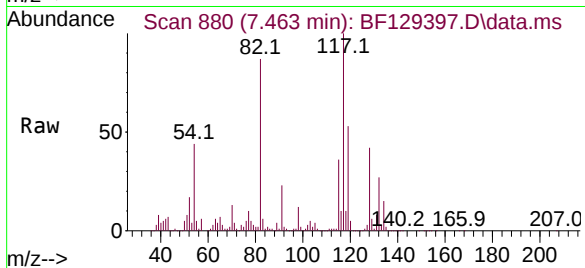
Tgt Ion: 82 Resp: 1125477

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

54 50.5 46.9 70.3



#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

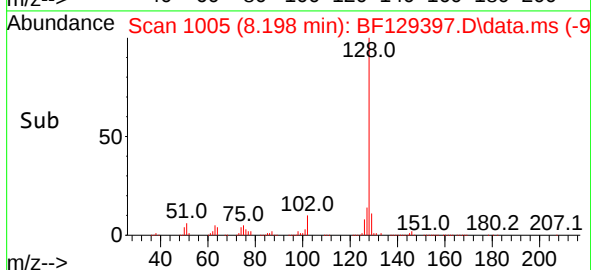
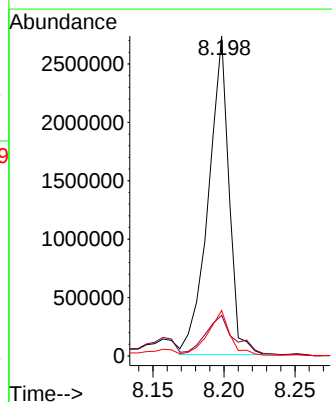
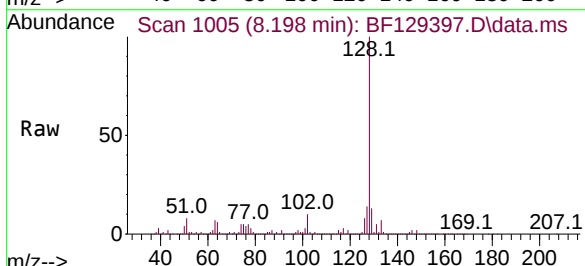
Tgt Ion:128 Resp: 2744038

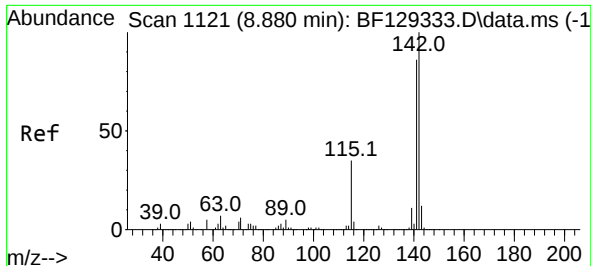
Ion Ratio Lower Upper

128 100

129 12.7 9.2 13.8

127 14.2 10.5 15.7

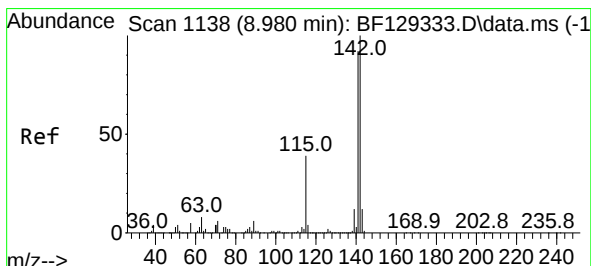
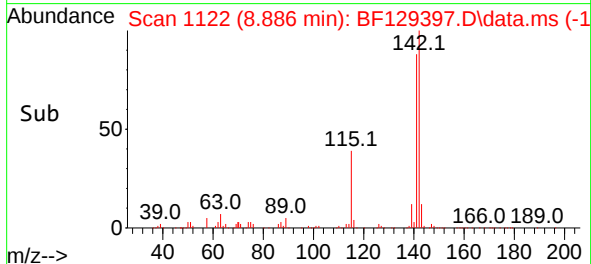
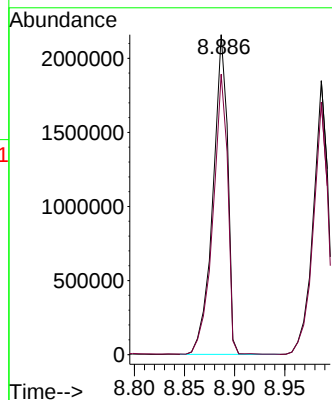
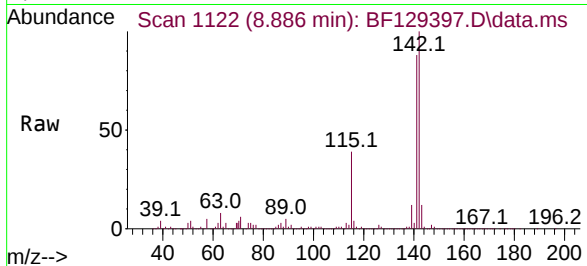




#37
2-Methylnaphthalene
Concen: 75.473 ng
RT: 8.886 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

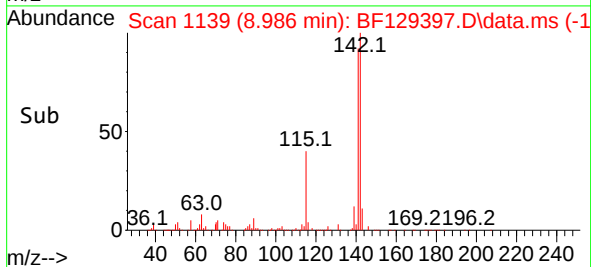
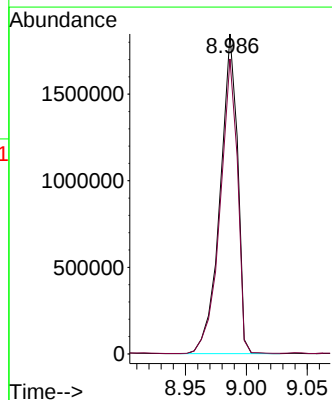
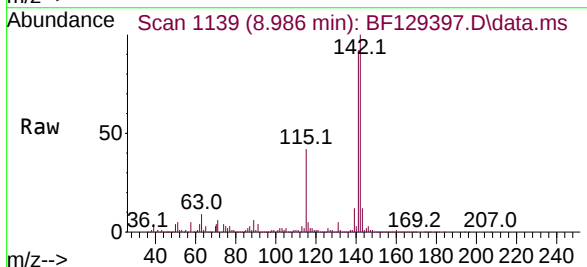
Instrument :
BNA_F
ClientSampleId :
MW-9

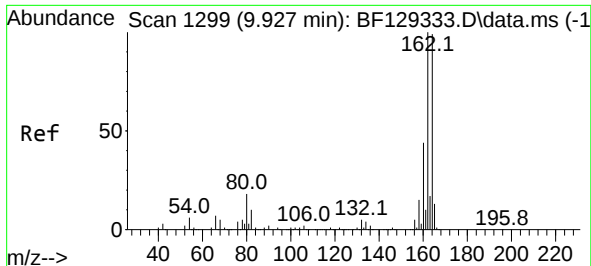
Tgt Ion:142 Resp: 2202134
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.4



#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# 1299

Delta R.T. 0.000 min

Lab File: BF129397.D

Acq: 28 Jul 2022 02:32

Instrument :

BNA_F

ClientSampleId :

MW-9

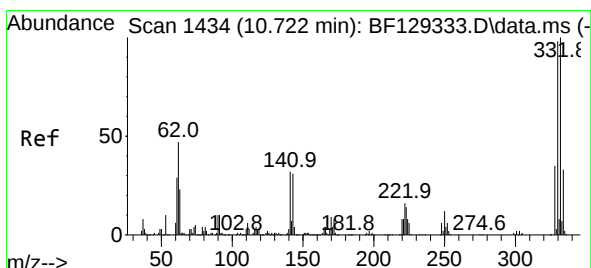
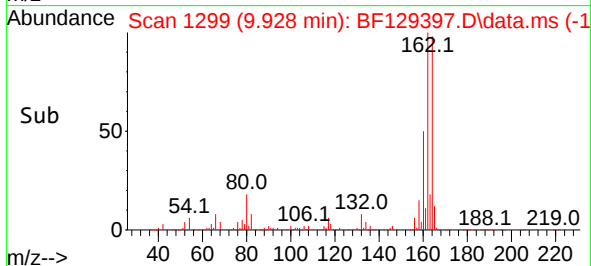
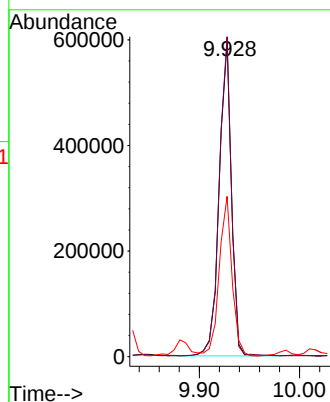
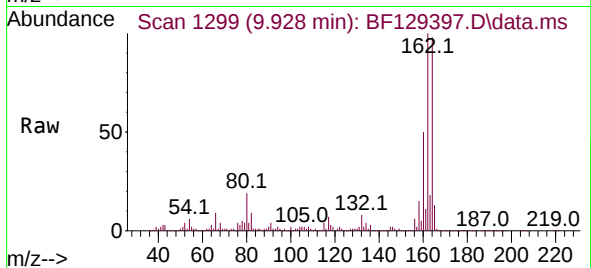
Tgt Ion:164 Resp: 507386

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

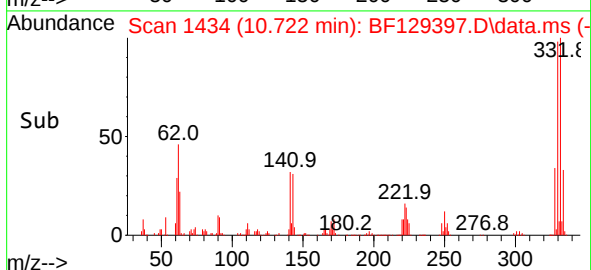
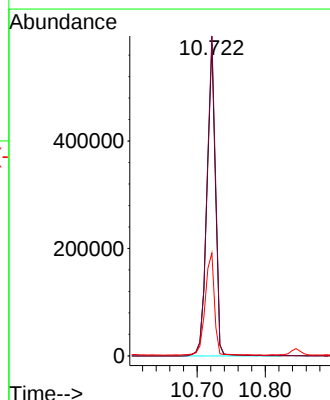
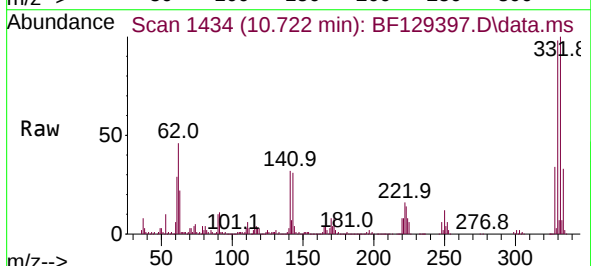
Tgt Ion:330 Resp: 504540

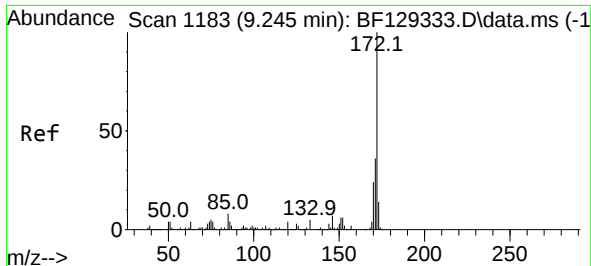
Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.6 28.0 42.0

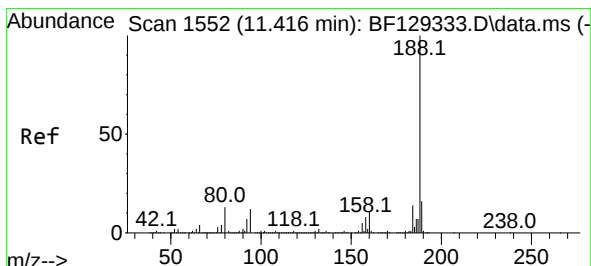
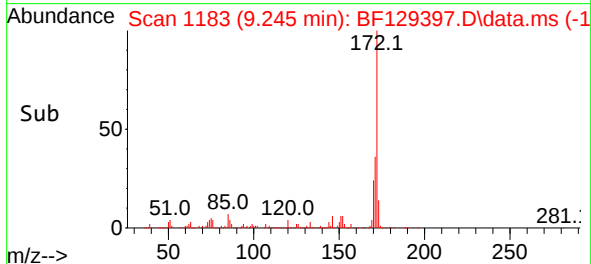
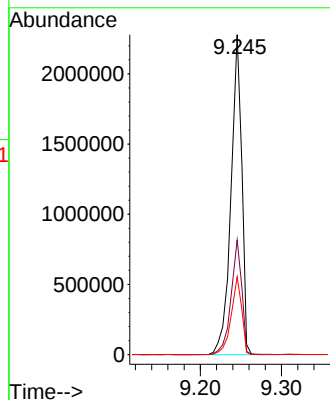
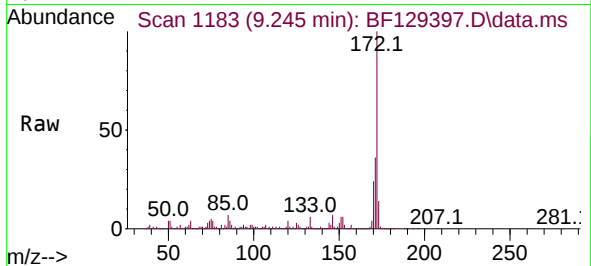




#45
2-Fluorobiphenyl
Concen: 64.130 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

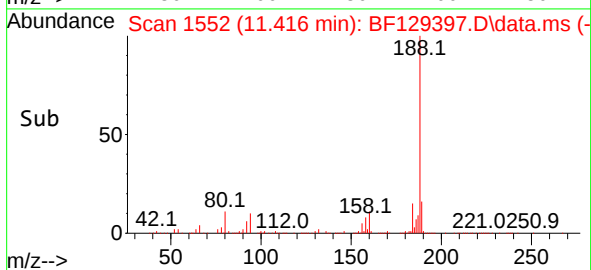
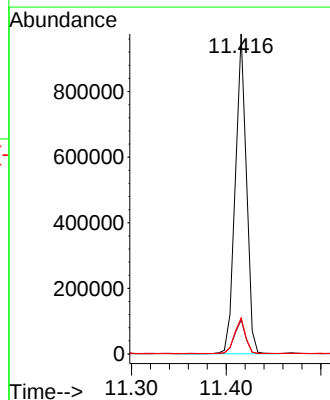
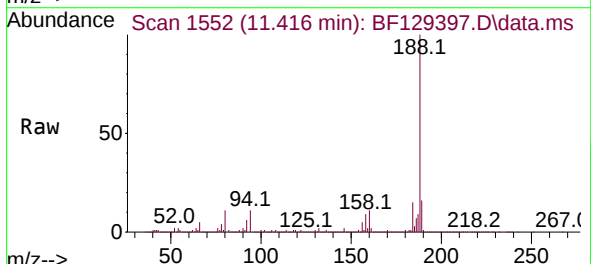
Instrument :
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MW-9

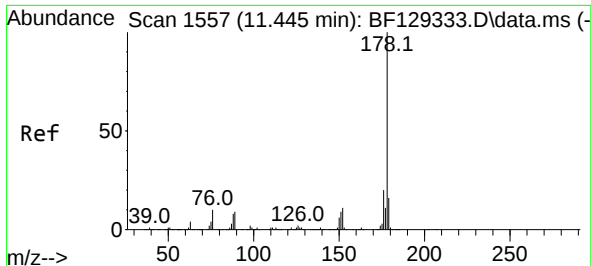
Tgt Ion:172 Resp: 2103393
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.3 19.8 29.8



#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

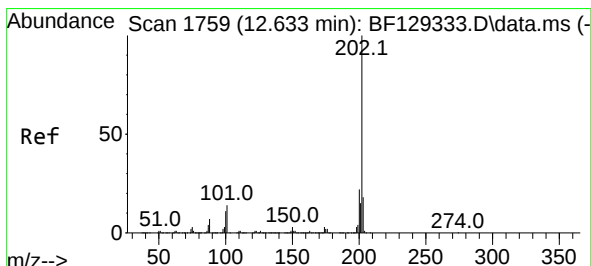
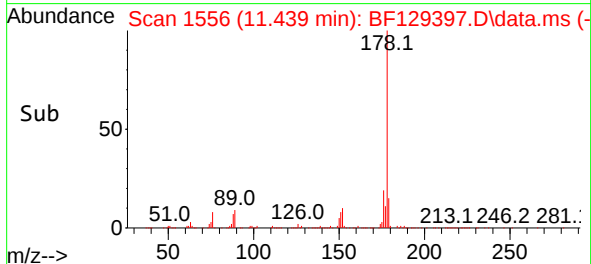
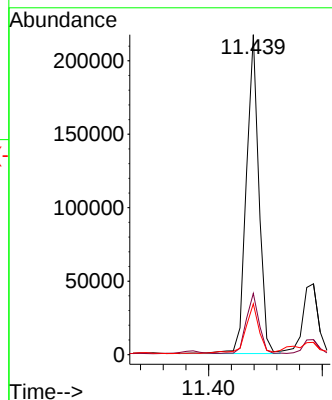
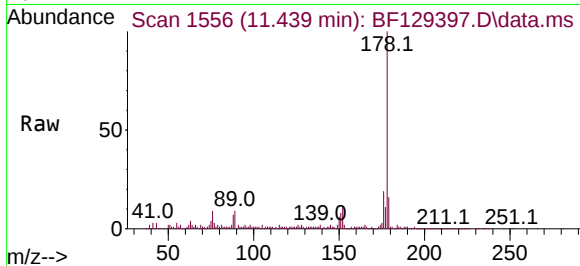




#71
Phenanthrene
Concen: 3.792 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

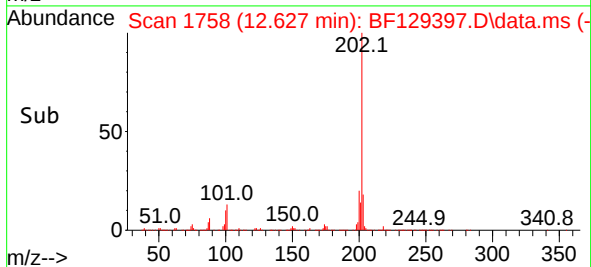
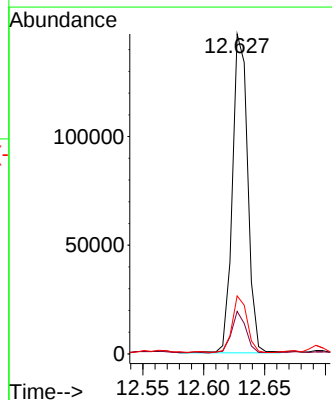
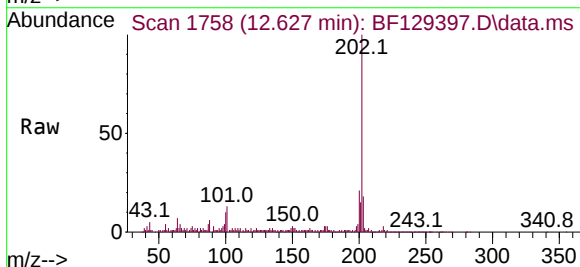
Instrument :
BNA_F
ClientSampleId :
MW-9

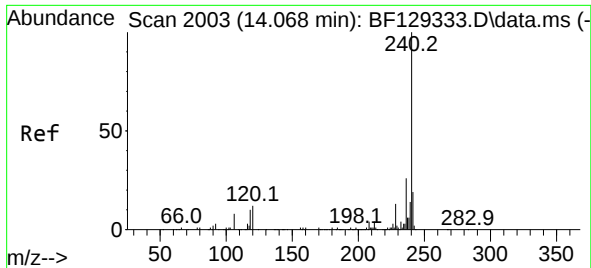
Tgt Ion:178 Resp: 165585
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.9 12.6 19.0



#75
Fluoranthene
Concen: 2.901 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

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

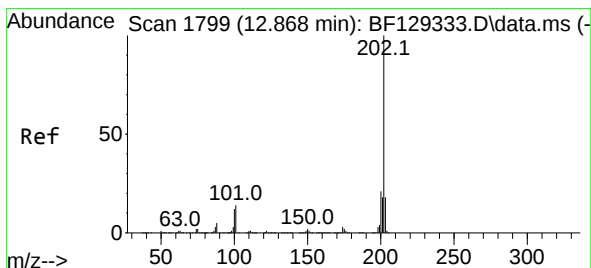
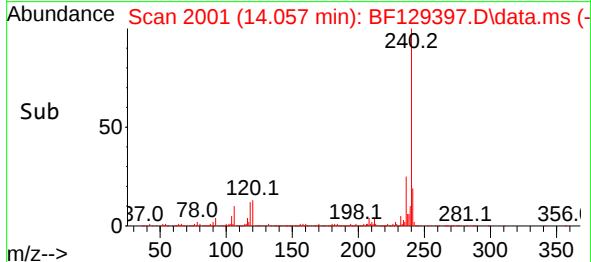
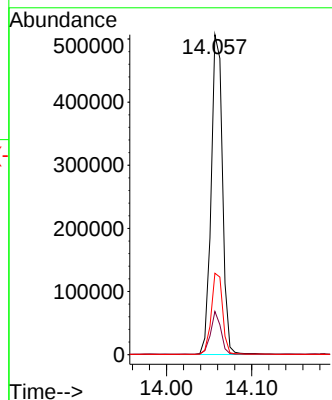
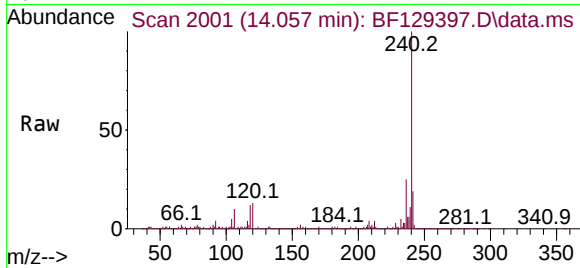




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129397.D
Acq: 28 Jul 2022 02:32

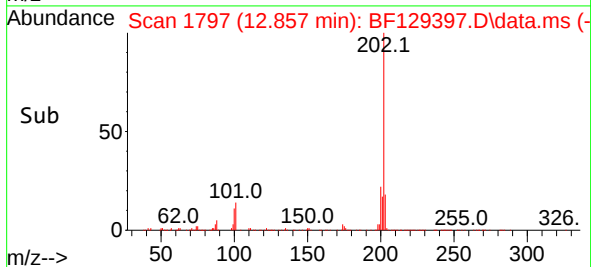
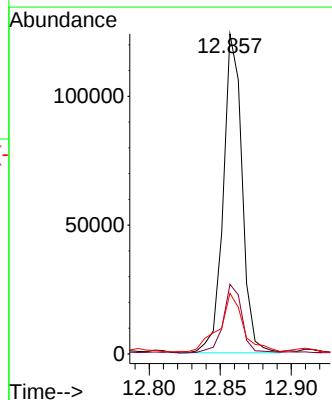
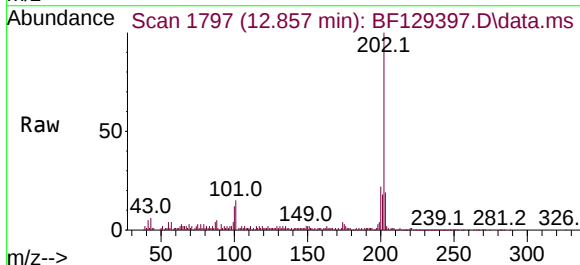
Instrument :
BNA_F
ClientSampleId :
MW-9

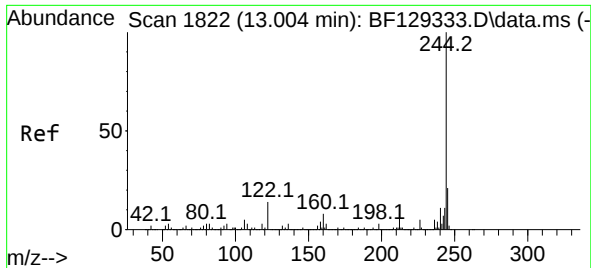
Tgt Ion:240 Resp: 467877
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 25.4 20.8 31.2



#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

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

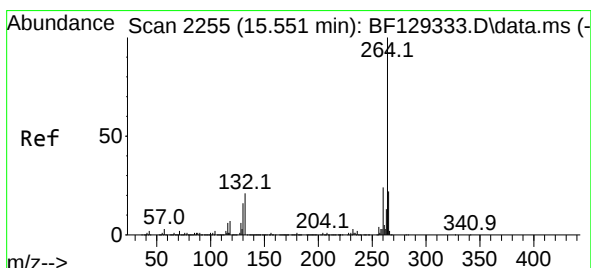
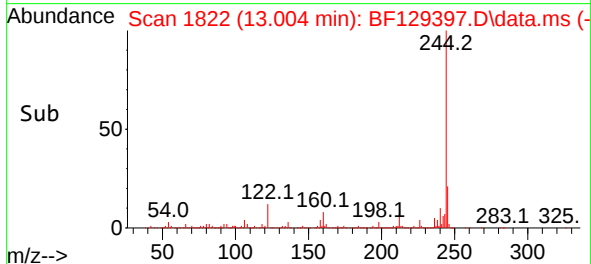
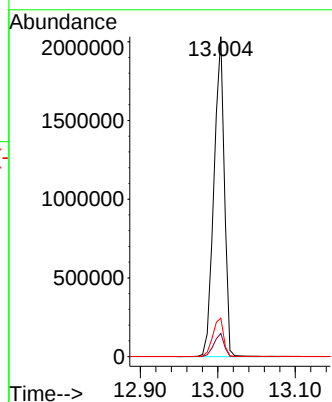
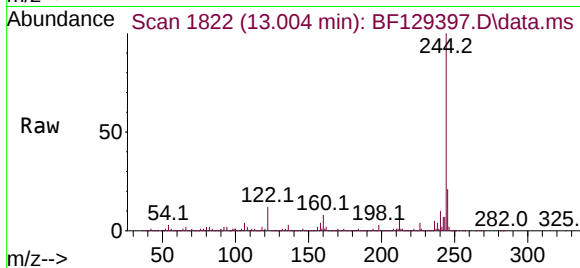




#79
 Terphenyl-d14
 Concen: 76.407 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

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# 2255
 Delta R.T. 0.000 min
 Lab File: BF129397.D
 Acq: 28 Jul 2022 02:32

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

