

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129436.D
 Acq On : 29 Jul 2022 11:52
 Operator : CG\JU
 Sample : N3895-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-51

Quant Time: Jul 29 18:19:50 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)

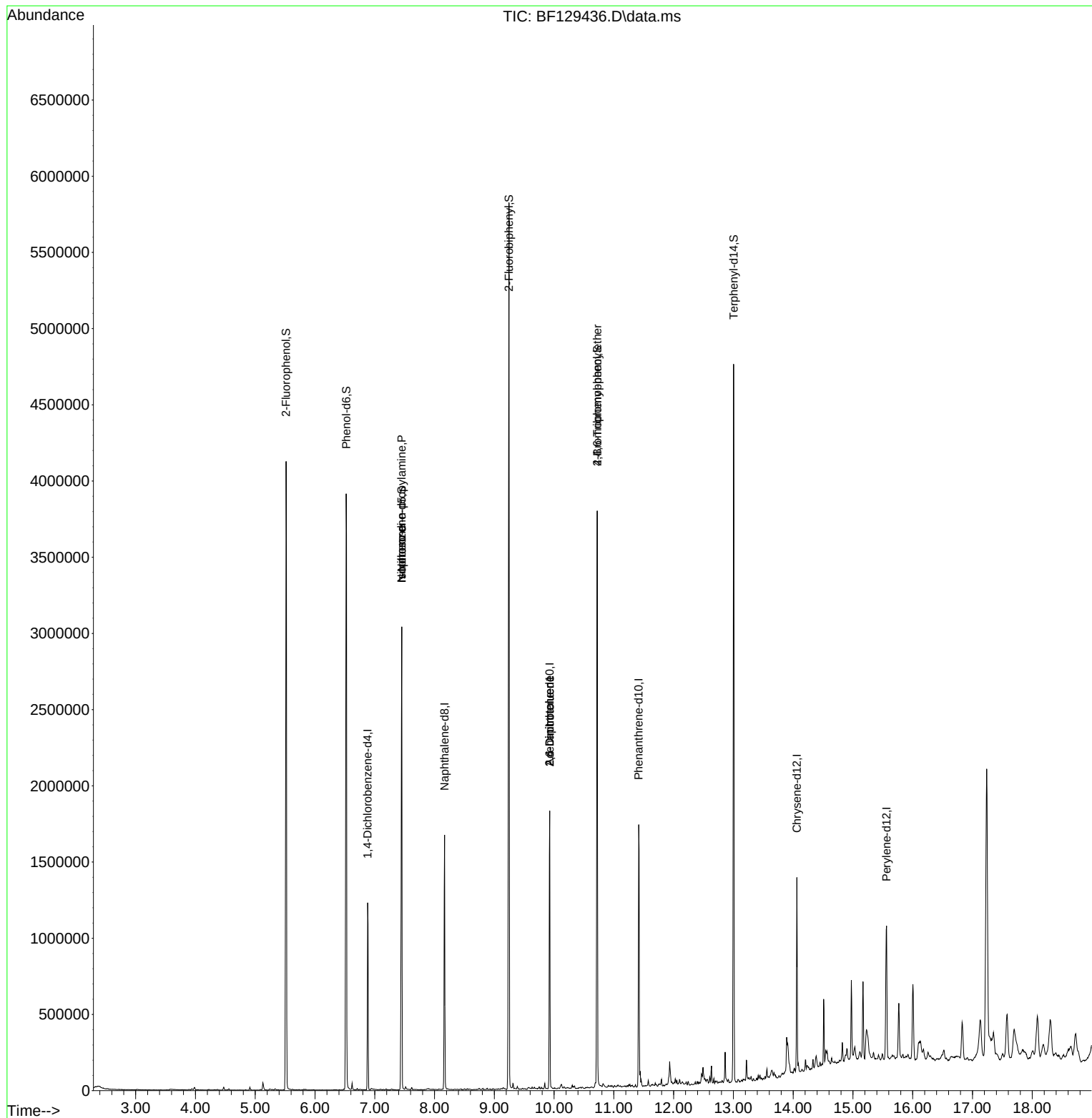
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	172553	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	696262	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	371720	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	617196	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	386301	20.000	ng	0.00
86) Perylene-d12	15.562	264	378439	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1185526	111.920	ng	0.02
7) Phenol-d6	6.522	99	1542063	115.821	ng	0.00
23) Nitrobenzene-d5	7.451	82	974254	76.384	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	425192	118.974	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1720754	71.611	ng	0.00
79) Terphenyl-d14	13.004	244	1622566	79.241	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	131580	16.324	ng	# 73
25) Isophorone	7.451	82	969248	42.394	ng	# 65
51) 2,6-Dinitrotoluene	9.928	165	48565	8.456	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	48565	6.473	ng	# 22
67) 4-Bromophenyl-phenylether	10.722	248	26262	3.886	ng	# 1

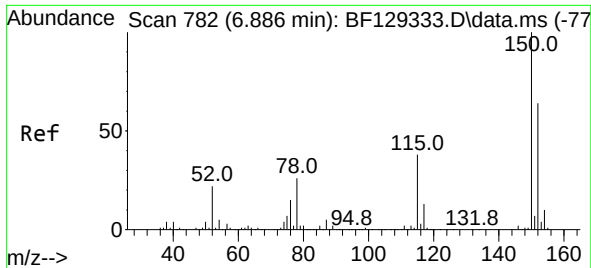
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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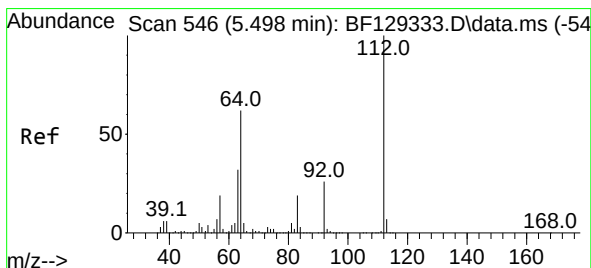
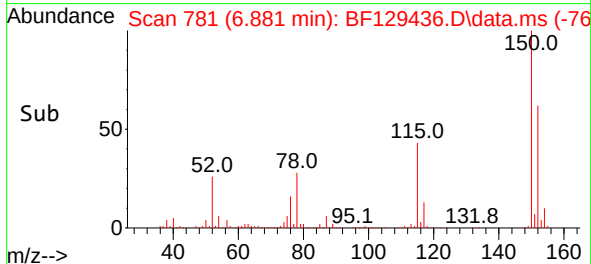
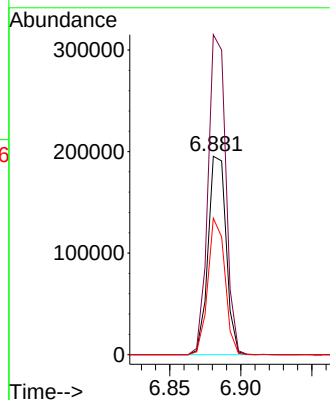
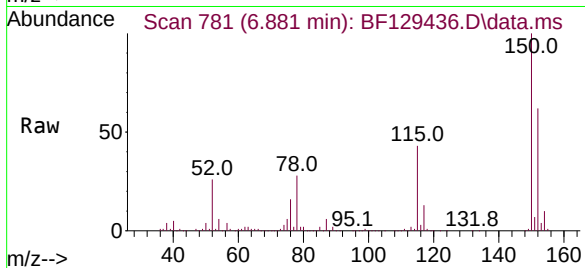




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129436.D
 Acq: 29 Jul 2022 11:52

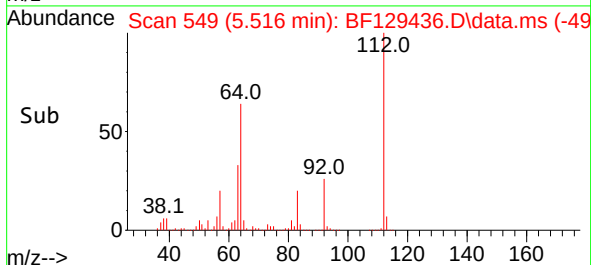
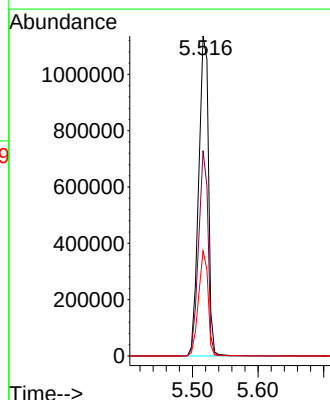
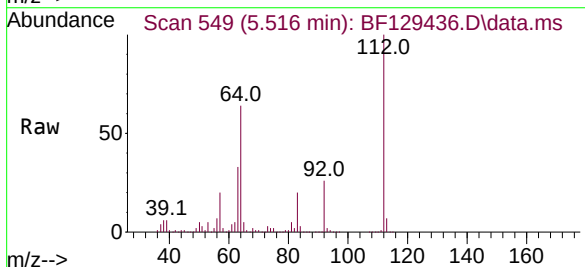
Instrument :
 BNA_F
 ClientSampleId :
 RVE-51

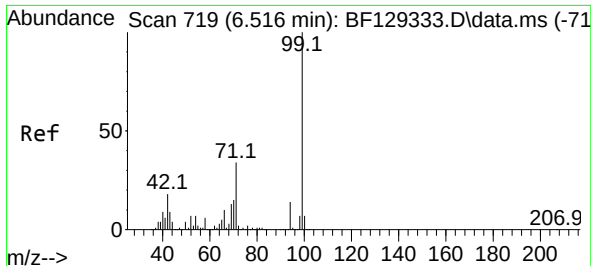
Tgt Ion:152 Resp: 172553
 Ion Ratio Lower Upper
 152 100
 150 161.3 123.7 185.5
 115 68.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 111.920 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129436.D
 Acq: 29 Jul 2022 11:52

Tgt Ion:112 Resp: 1185526
 Ion Ratio Lower Upper
 112 100
 64 64.2 53.3 79.9
 63 32.9 28.0 42.0

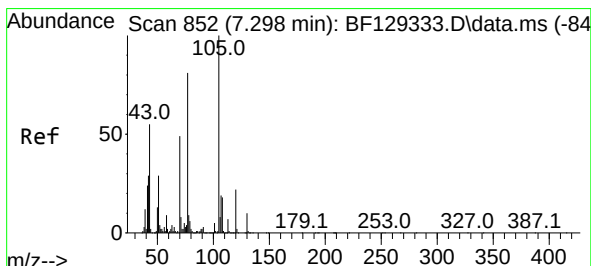
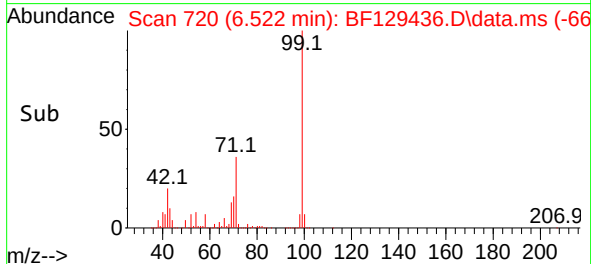
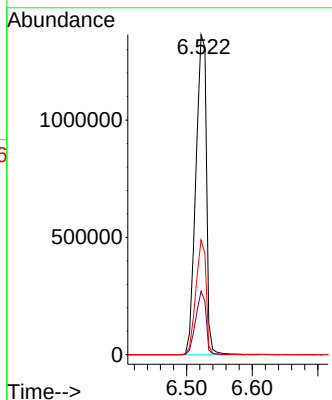
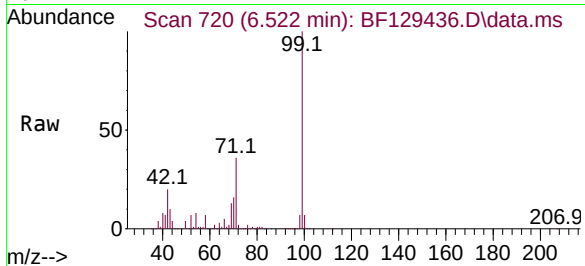




#7
Phenol-d6
Concen: 115.821 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

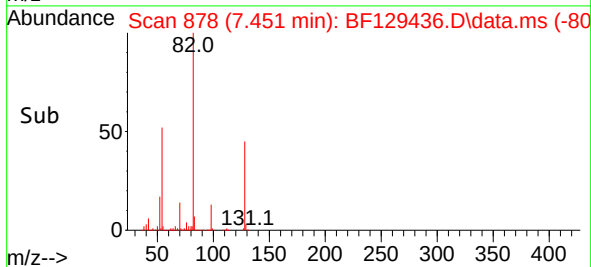
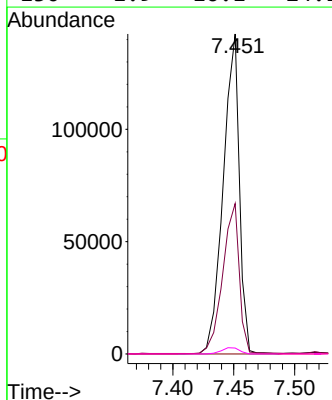
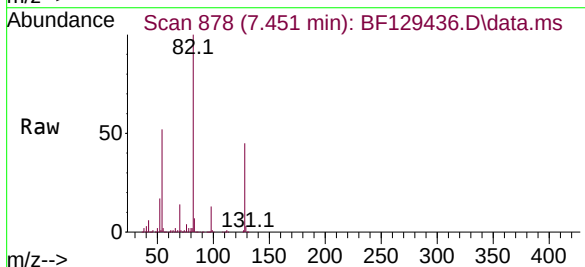
Instrument :
BNA_F
ClientSampleId :
RVE-51

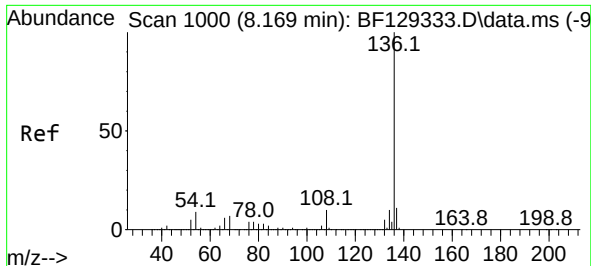
Tgt Ion: 99 Resp: 1542063
Ion Ratio Lower Upper
99 100
42 19.8 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.324 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

Tgt Ion: 70 Resp: 131580
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



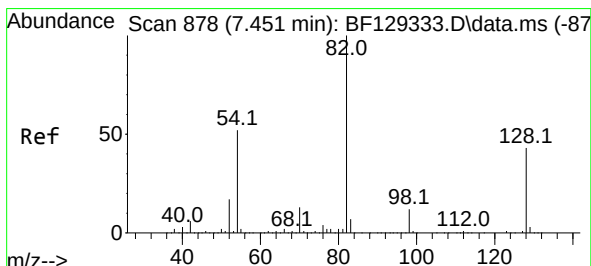
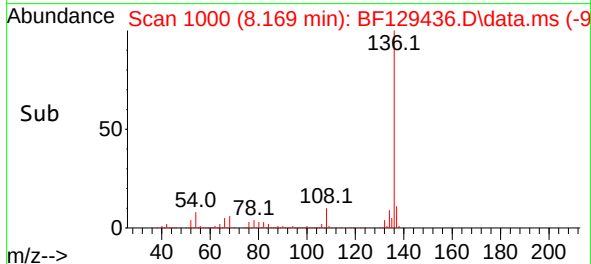
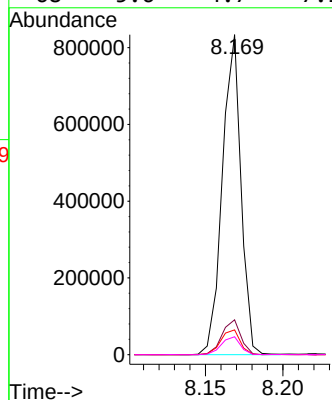
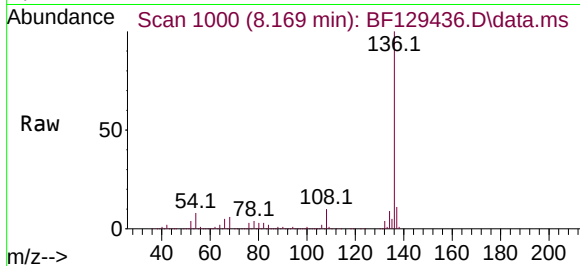


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

Instrument :
BNA_F
ClientSampleId :
RVE-51

Tgt Ion:136 Resp: 696262

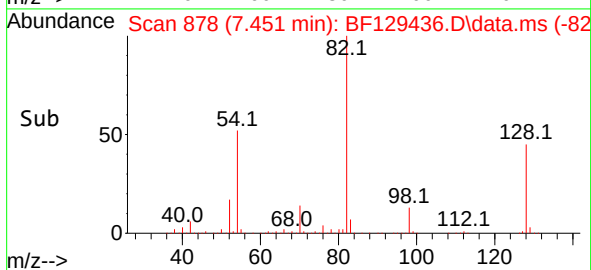
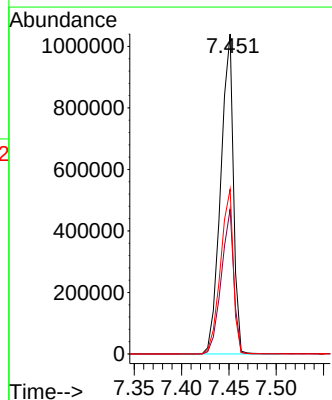
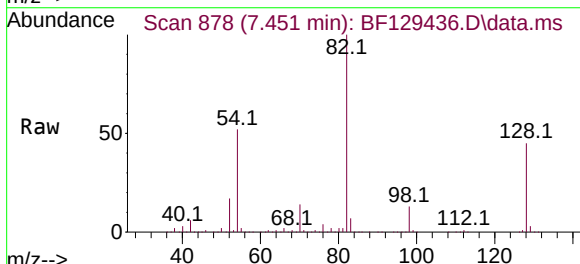
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	7.5	11.3
68	5.6	4.7	7.1

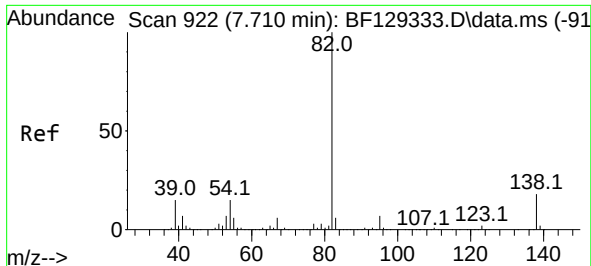


#23
Nitrobenzene-d5
Concen: 76.384 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

Tgt Ion: 82 Resp: 974254

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	51.5	46.9	70.3

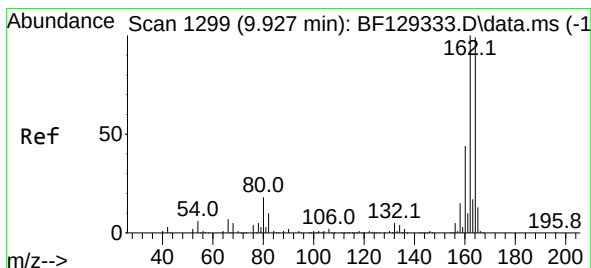
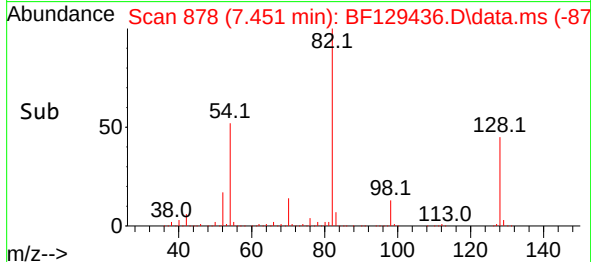
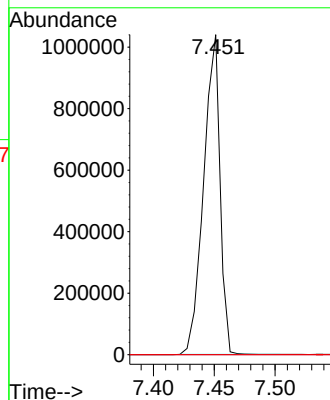
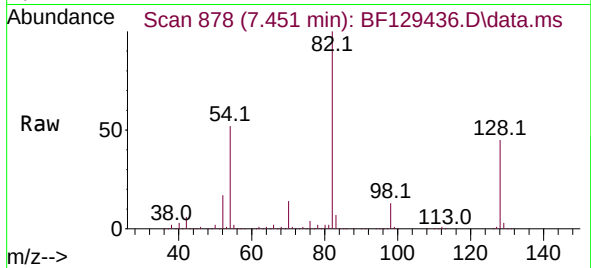




#25
Isophorone
Concen: 42.394 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

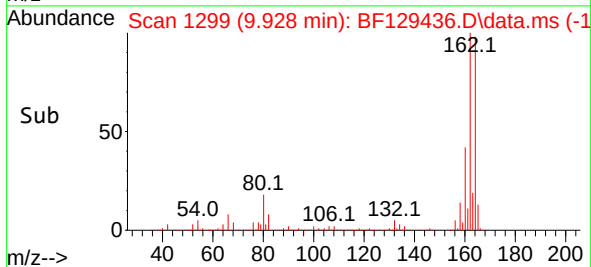
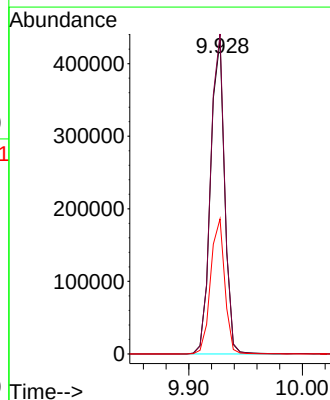
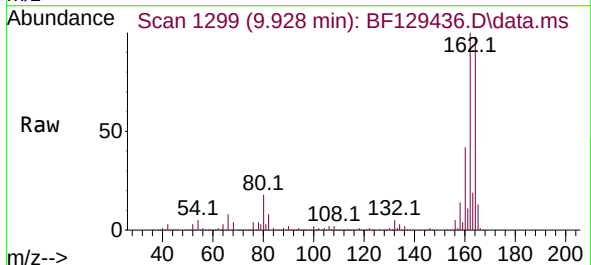
Instrument :
BNA_F
ClientSampleId :
RVE-51

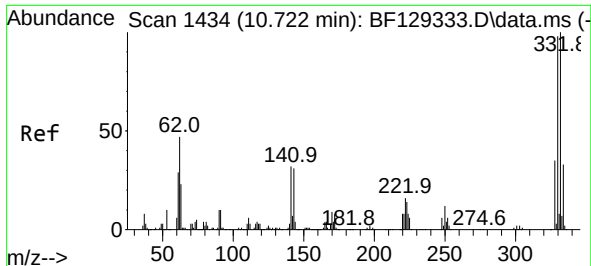
Tgt Ion: 82 Resp: 969248
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

Tgt Ion:164 Resp: 371720
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 43.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 118.974 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129436.D

Acq: 29 Jul 2022 11:52

Instrument :

BNA_F

ClientSampleId :

RVE-51

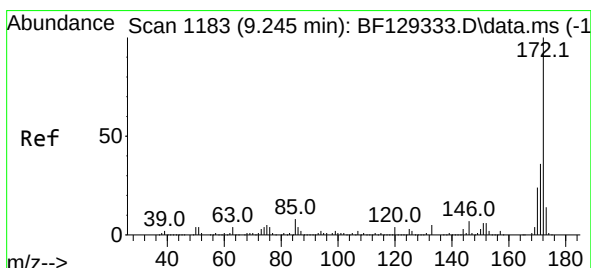
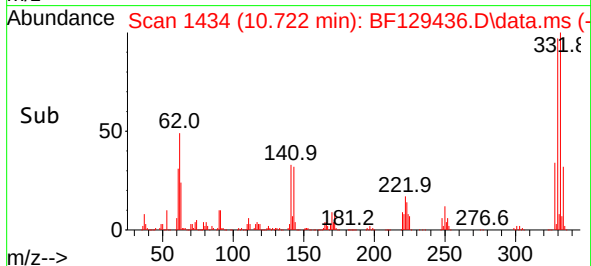
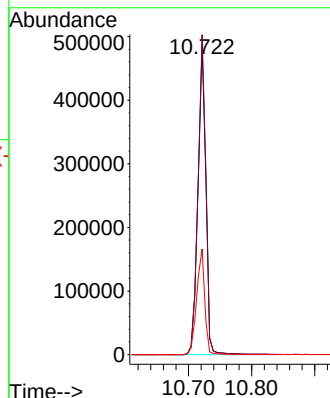
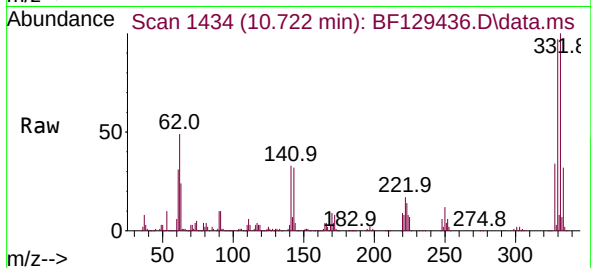
Tgt Ion:330 Resp: 425192

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.611 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129436.D

Acq: 29 Jul 2022 11:52

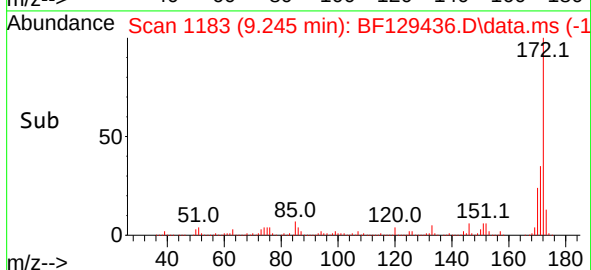
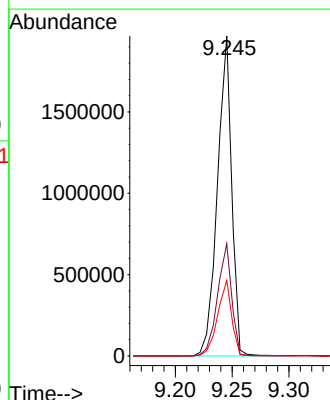
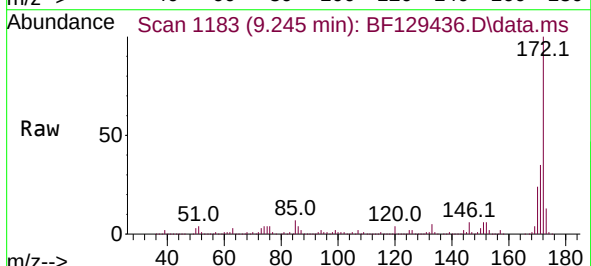
Tgt Ion:172 Resp: 1720754

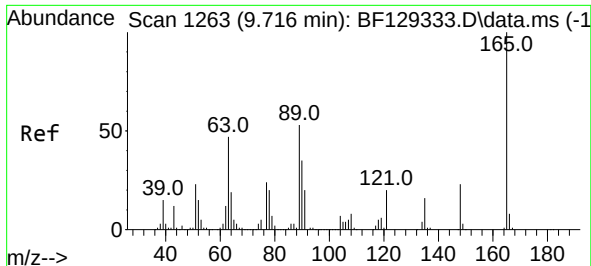
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.7 19.8 29.8

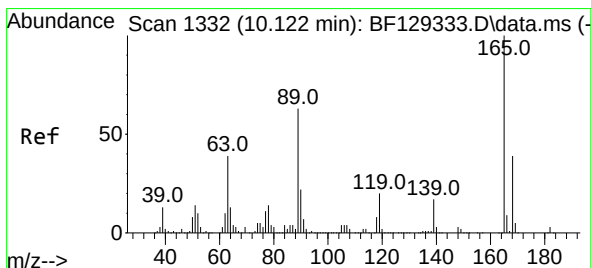
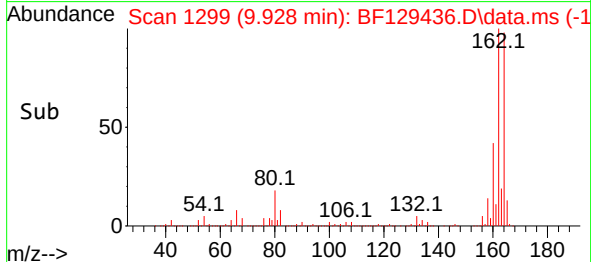
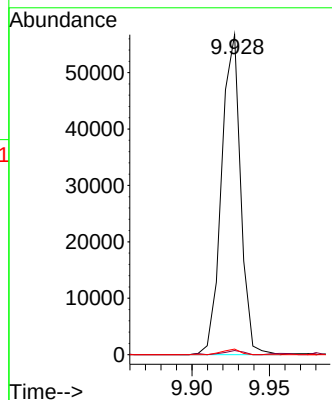
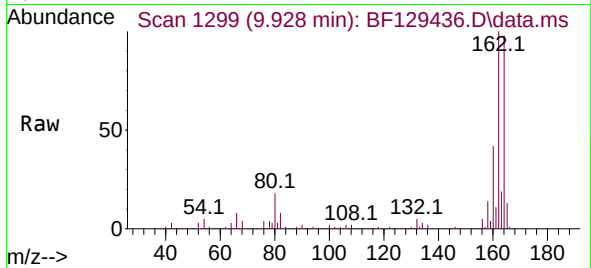




#51
2,6-Dinitrotoluene
Concen: 8.456 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.212 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

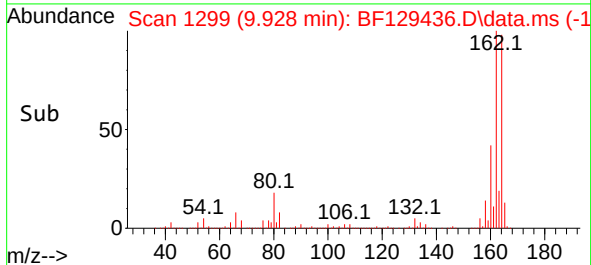
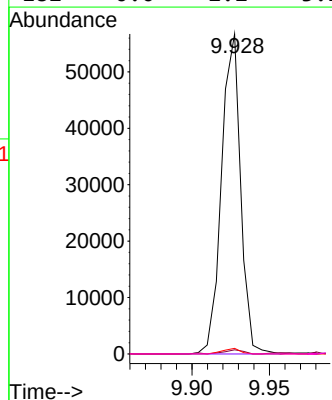
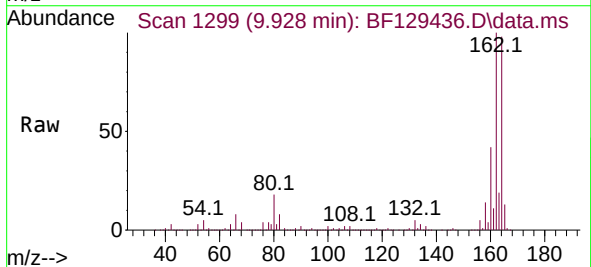
Instrument :
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RVE-51

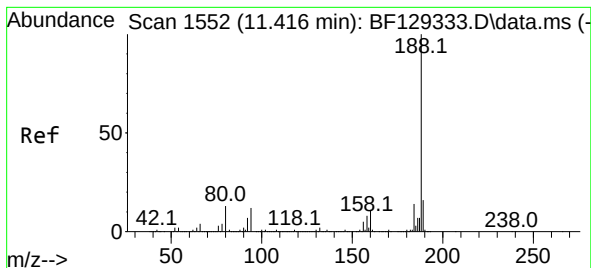
Tgt Ion:165 Resp: 48565
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.473 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.194 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

Tgt Ion:165 Resp: 48565
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.7 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: BF129436.D

Acq: 29 Jul 2022 11:52

Instrument :

BNA_F

ClientSampleId :

RVE-51

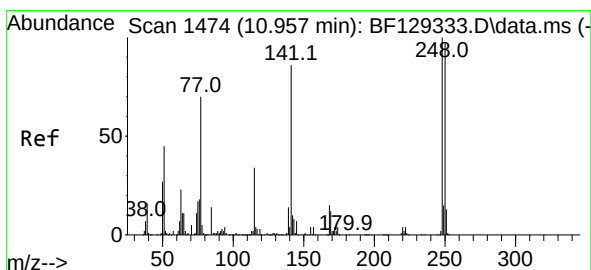
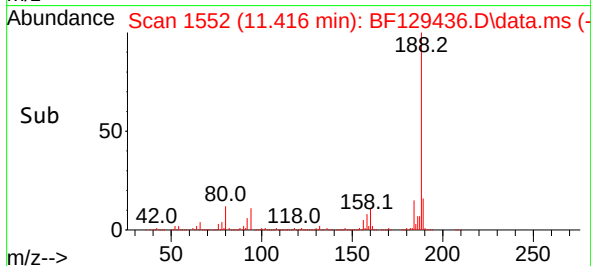
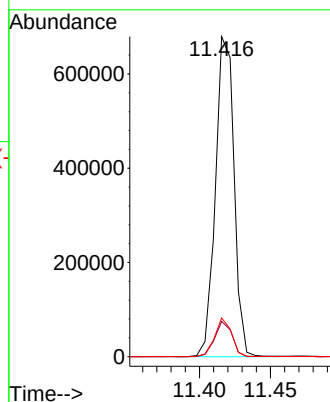
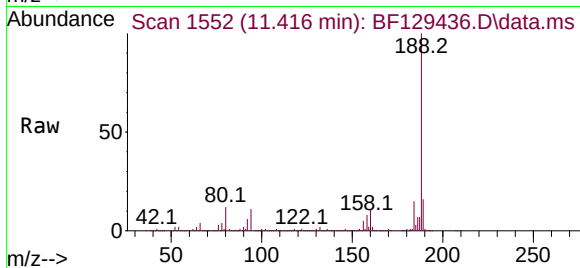
Tgt Ion:188 Resp: 617196

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 12.1 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.886 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129436.D

Acq: 29 Jul 2022 11:52

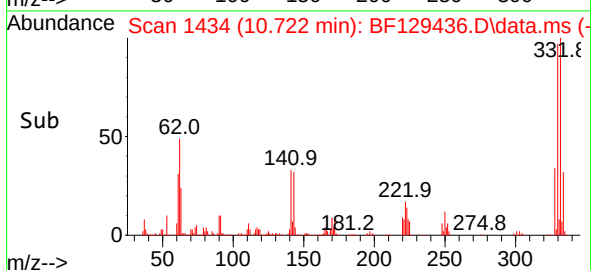
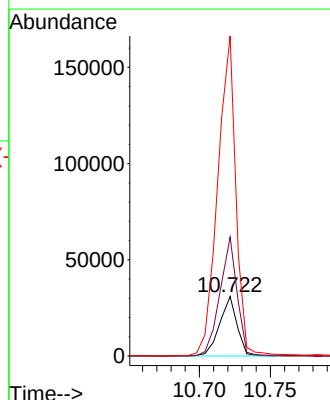
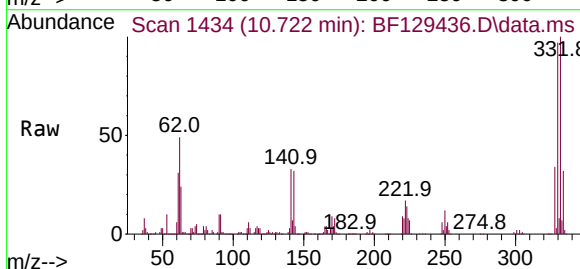
Tgt Ion:248 Resp: 26262

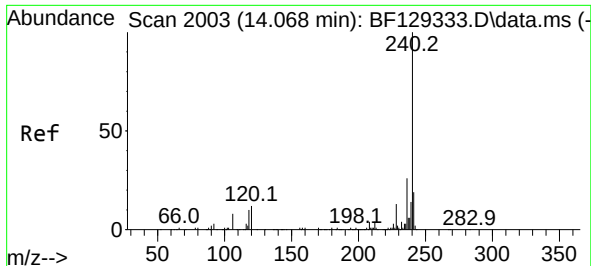
Ion Ratio Lower Upper

248 100

250 200.0 80.6 120.8#

141 538.1 58.9 88.3#

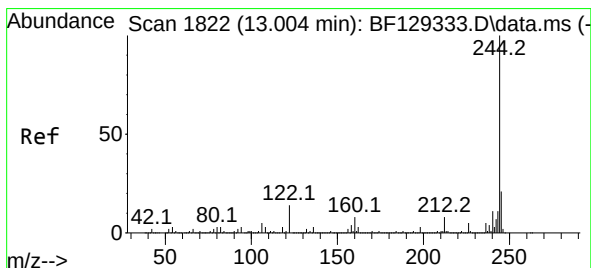
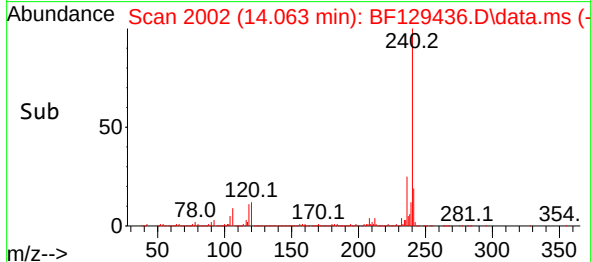
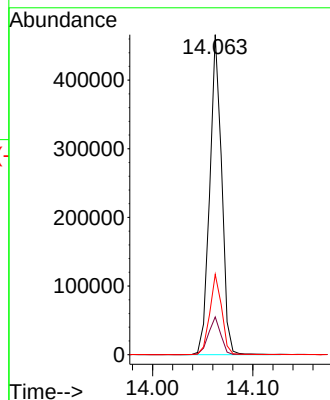
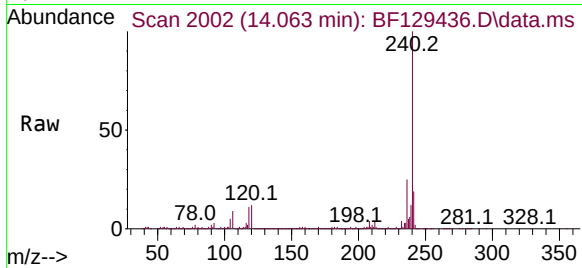




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

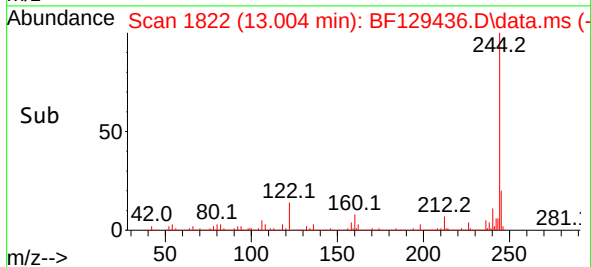
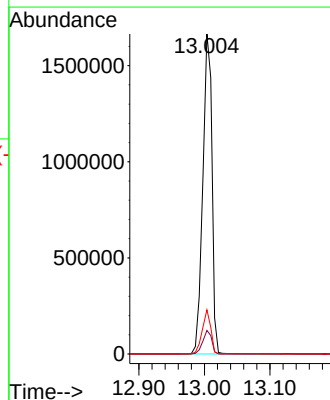
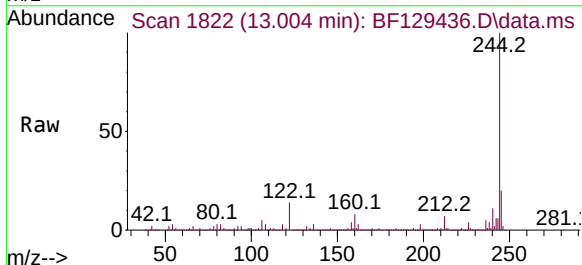
Instrument :
BNA_F
ClientSampleId :
RVE-51

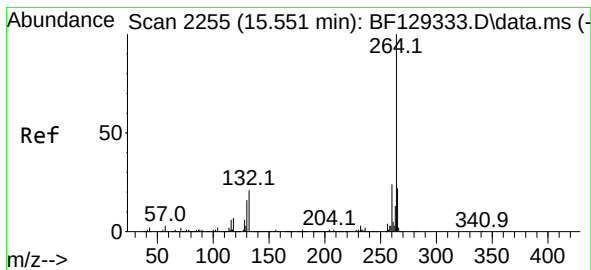
Tgt Ion:240 Resp: 386301
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 79.241 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129436.D
Acq: 29 Jul 2022 11:52

Tgt Ion:244 Resp: 1622566
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.8 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129436.D

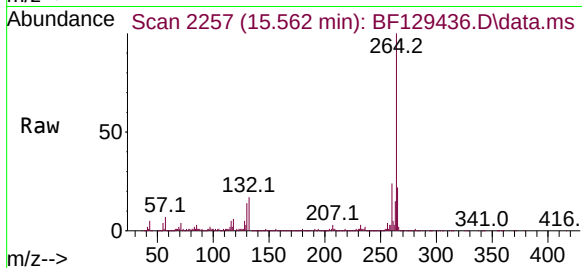
Acq: 29 Jul 2022 11:52

Instrument :

BNA_F

ClientSampleId :

RVE-51



Tgt Ion:264 Resp: 378439

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.6 17.2 25.8

