

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129156.D
 Acq On : 07 Jul 2022 13:37
 Operator : CG\JU
 Sample : PB146073BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146073BL

Quant Time: Jul 07 14:26:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

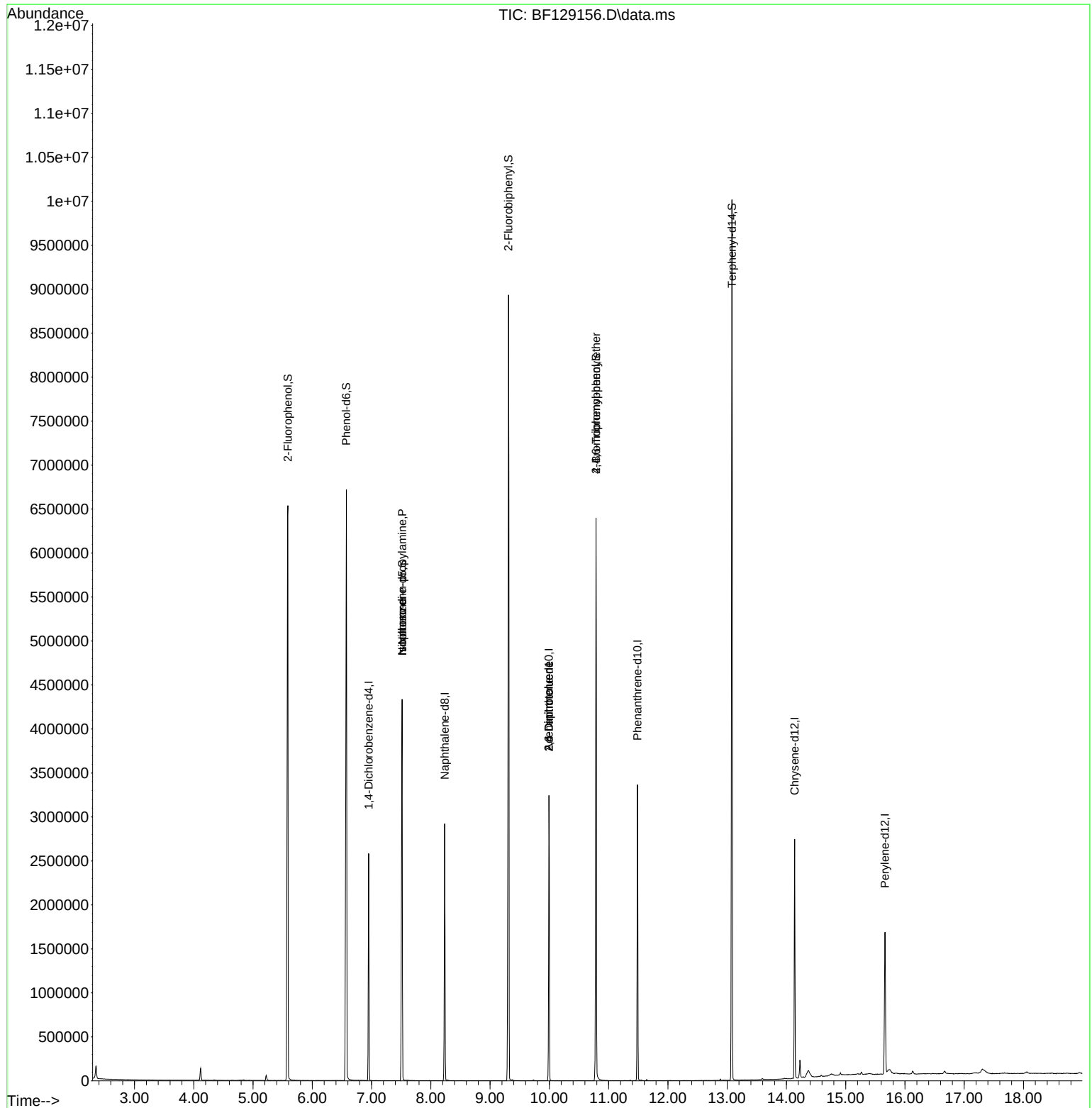
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	365374	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	1265444	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	661775	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1198382	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	859951	20.000	ng	-0.01
86) Perylene-d12	15.663	264	739225	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2132538	98.675	ng	0.00
7) Phenol-d6	6.575	99	2725872	101.556	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1533836	72.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	888969	123.540	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	3047533	73.672	ng	-0.01
79) Terphenyl-d14	13.080	244	3640896	87.921	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.575	77	4066	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	201815	12.998	ng	# 70
25) Isophorone	7.516	82	1502597	41.907	ng	# 65
51) 2,6-Dinitrotoluene	9.992	165	86143	10.182	ng	# 25
57) 2,4-Dinitrotoluene	9.992	165	86143	8.248	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	52811	4.143	ng	# 1

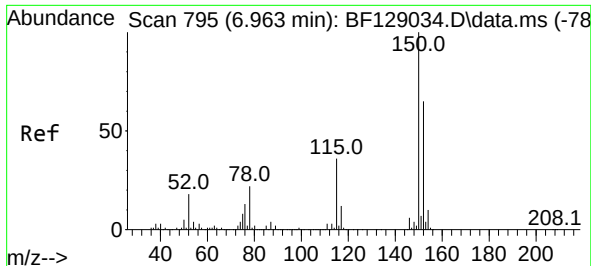
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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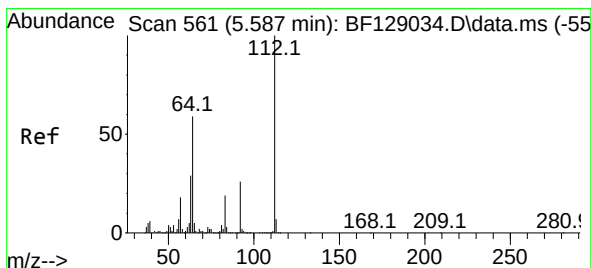
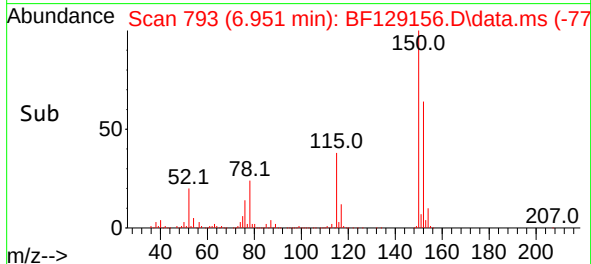
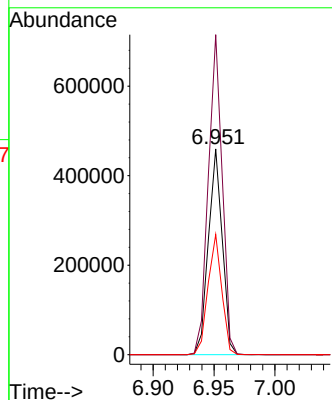
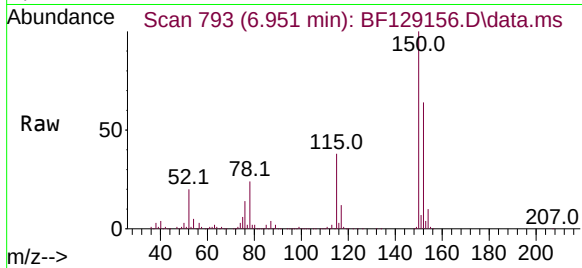




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

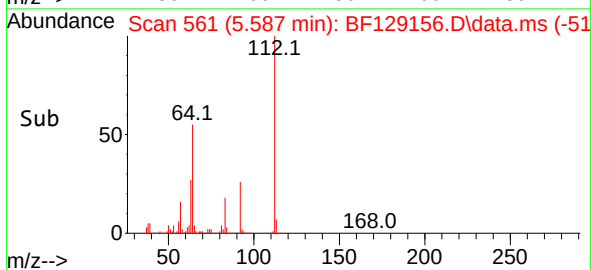
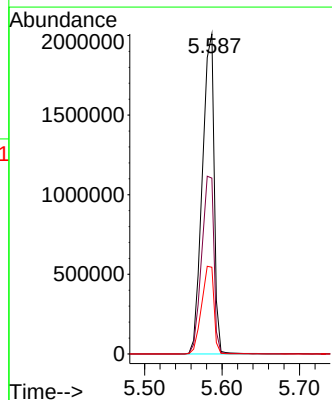
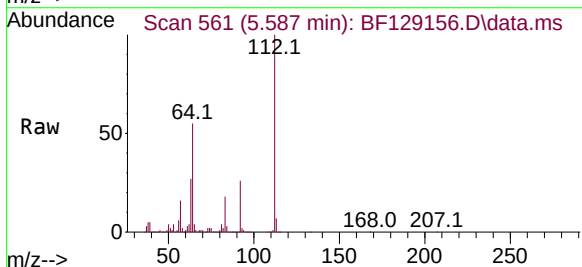
Instrument :
BNA_F
ClientSampleId :
PB146073BL

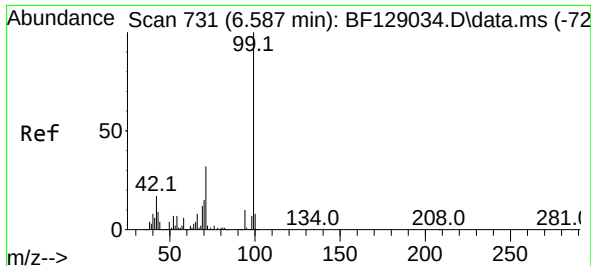
Tgt Ion:152 Resp: 365374
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 58.3 49.9 74.9



#5
2-Fluorophenol
Concen: 98.675 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Tgt Ion:112 Resp: 2132538
Ion Ratio Lower Upper
112 100
64 54.9 53.3 79.9
63 27.1 28.0 42.0





#7
Phenol-d6
Concen: 101.556 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

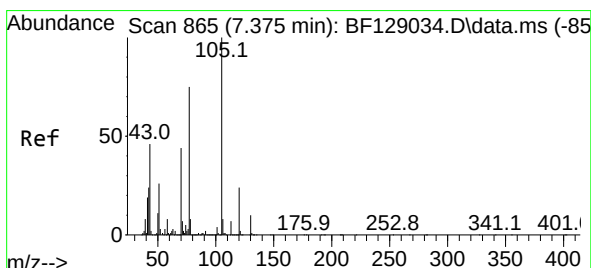
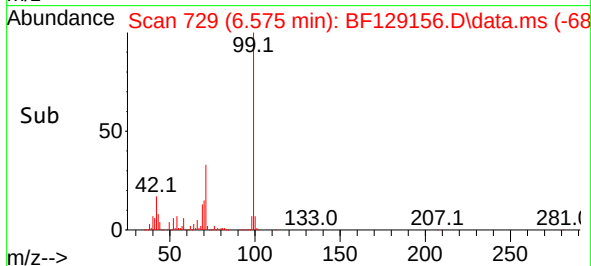
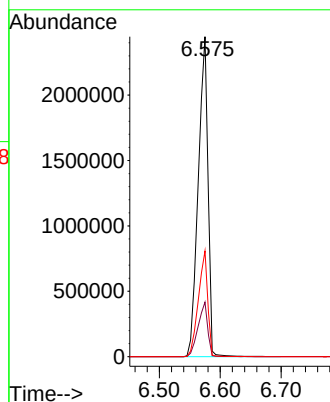
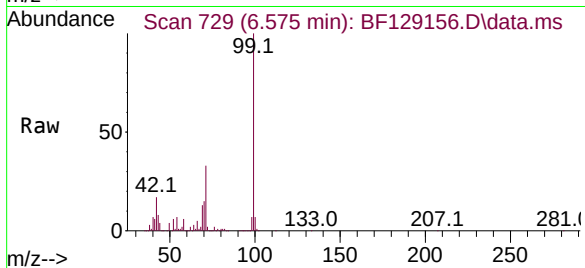
Instrument :

BNA_F

ClientSampleId :

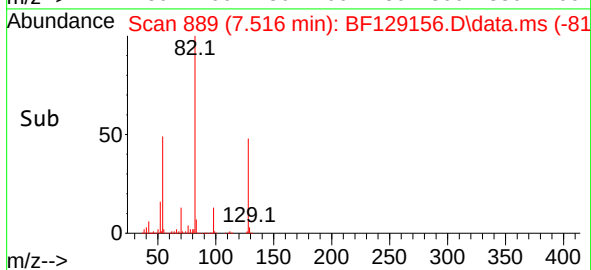
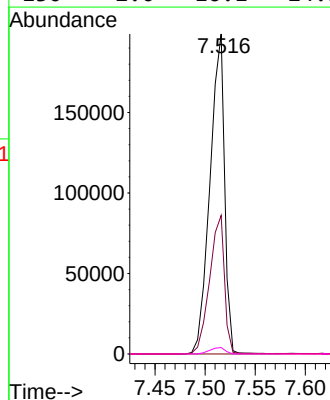
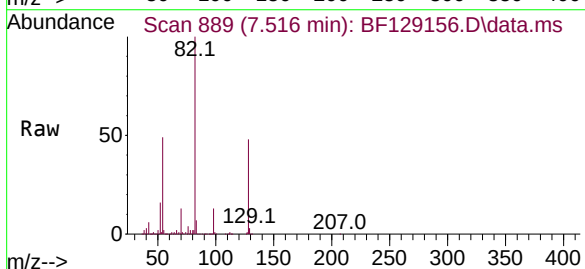
PB146073BL

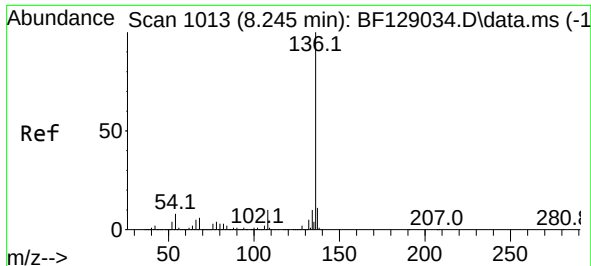
Tgt Ion: 99 Resp: 2725872
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 33.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.998 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Tgt Ion: 70 Resp: 201815
Ion Ratio Lower Upper
70 100
42 43.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



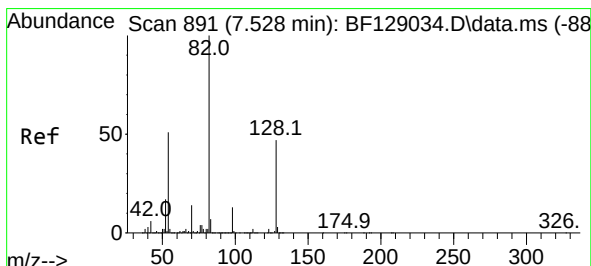
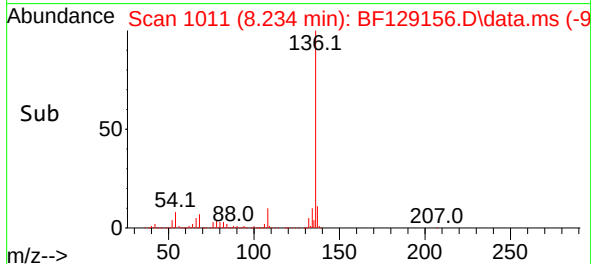
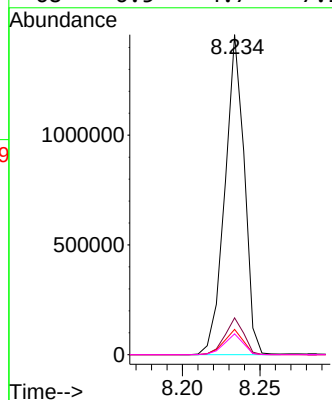
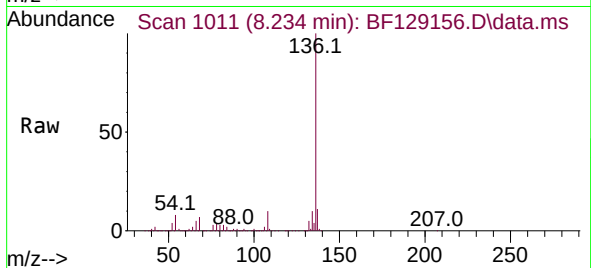


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Instrument :
BNA_F
ClientSampleId :
PB146073BL

Tgt Ion:136 Resp: 1265444

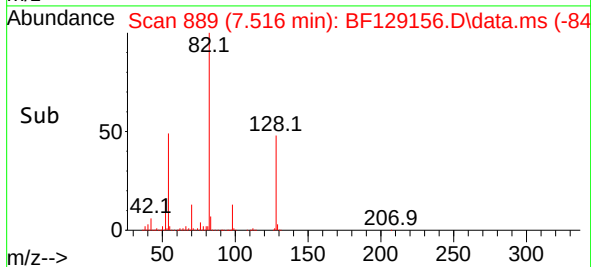
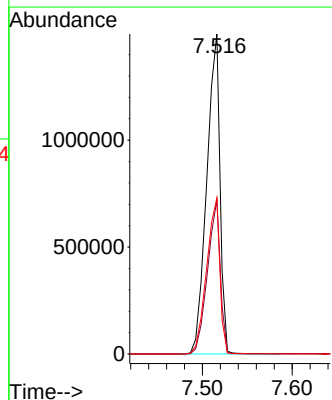
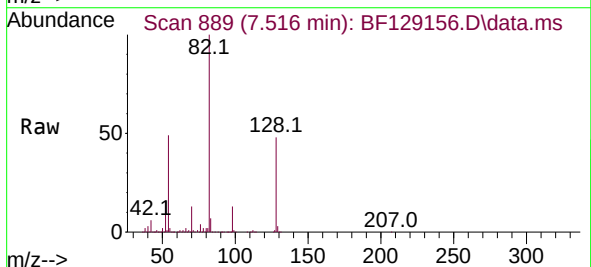
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.9	7.5	11.3
68	6.5	4.7	7.1

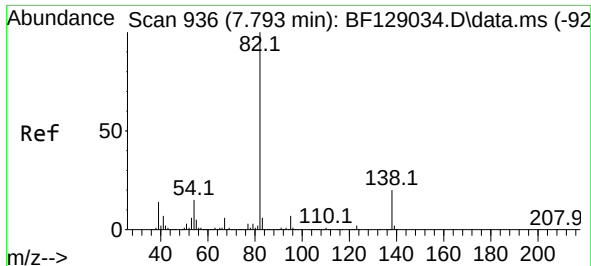


#23
Nitrobenzene-d5
Concen: 72.297 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Tgt Ion: 82 Resp: 1533836

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	48.7	46.9	70.3

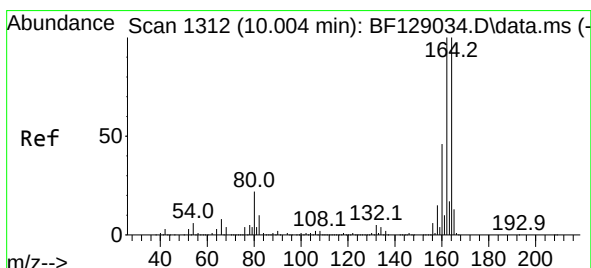
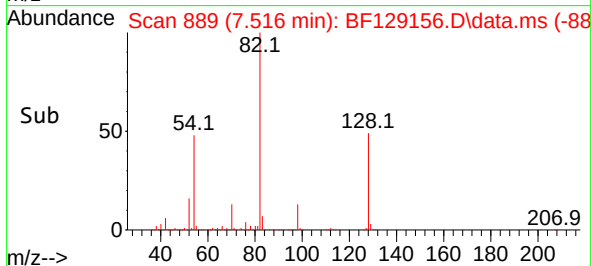
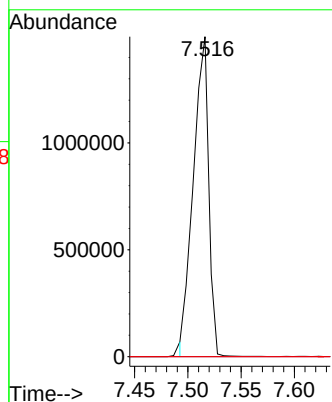
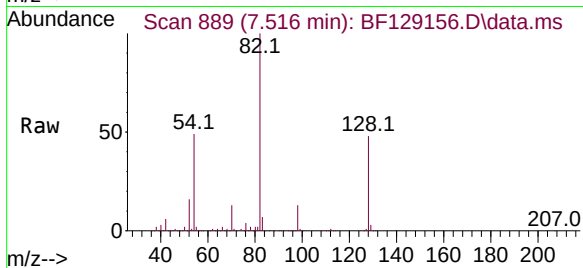




#25
Isophorone
Concen: 41.907 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

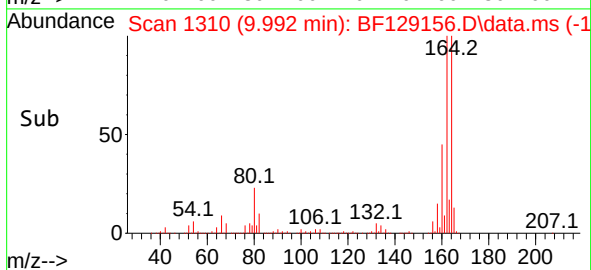
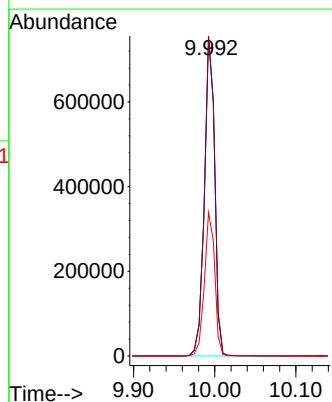
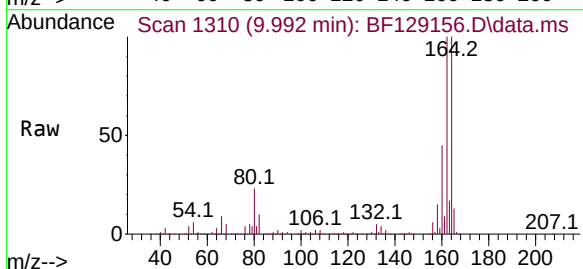
Instrument :
BNA_F
ClientSampleId :
PB146073BL

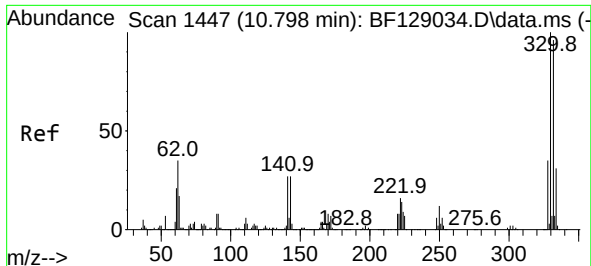
Tgt Ion: 82 Resp: 1502597
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Tgt Ion: 164 Resp: 661775
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 123.540 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129156.D

Acq: 07 Jul 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB146073BL

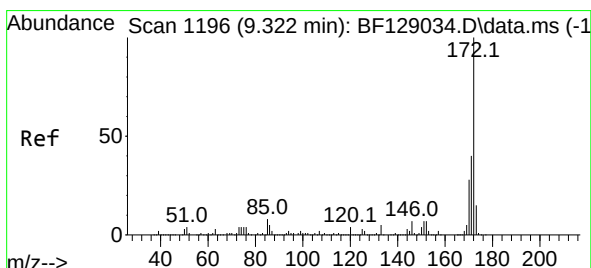
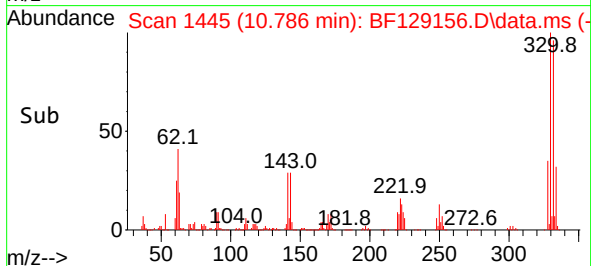
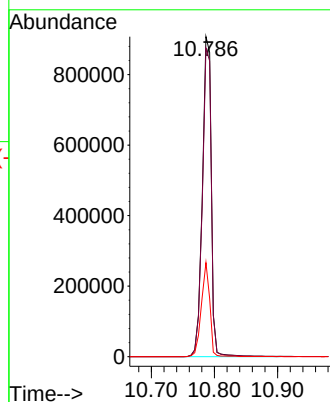
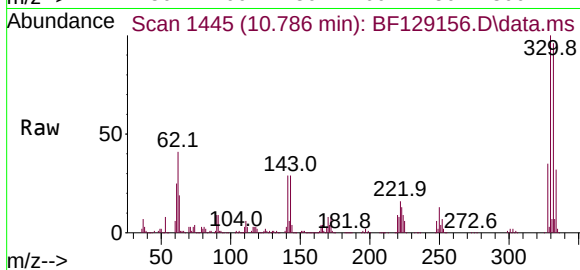
Tgt Ion:330 Resp: 888969

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 27.8 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 73.672 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129156.D

Acq: 07 Jul 2022 13:37

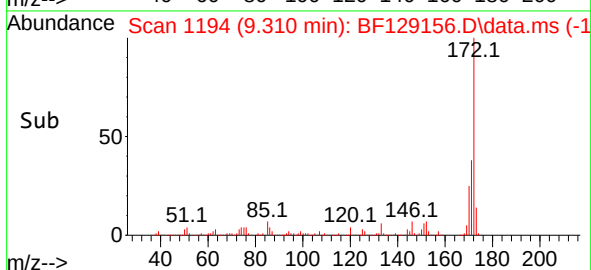
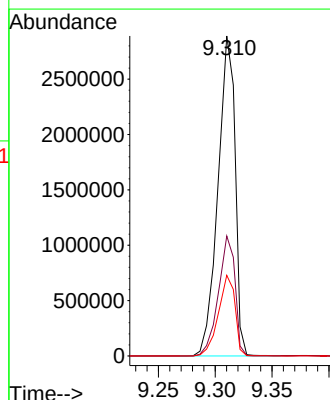
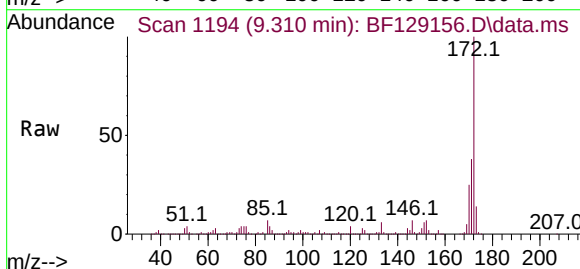
Tgt Ion:172 Resp: 3047533

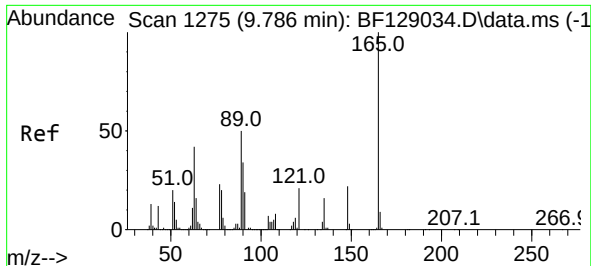
Ion Ratio Lower Upper

172 100

171 37.5 28.8 43.2

170 25.2 19.8 29.8

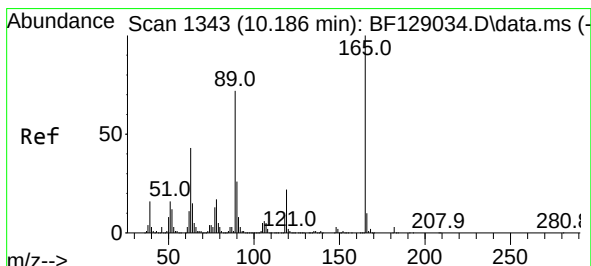
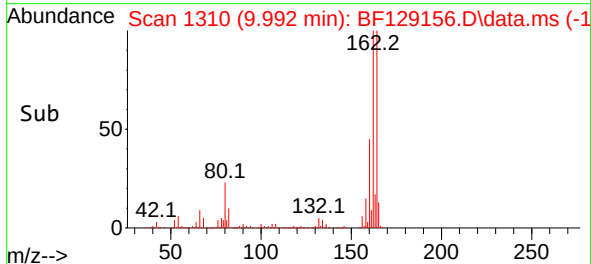
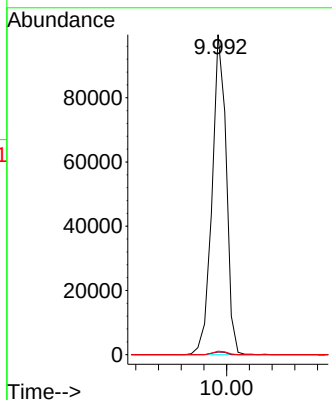
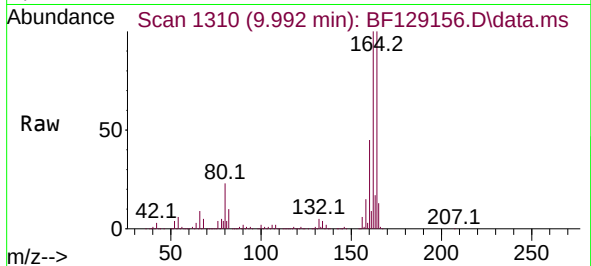




#51
2,6-Dinitrotoluene
Concen: 10.182 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

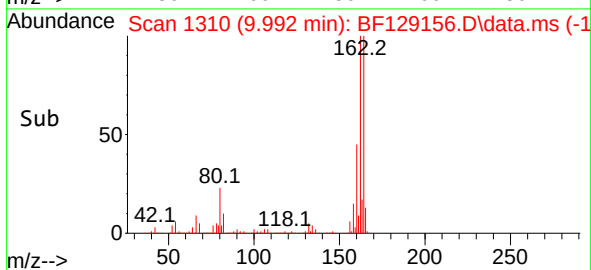
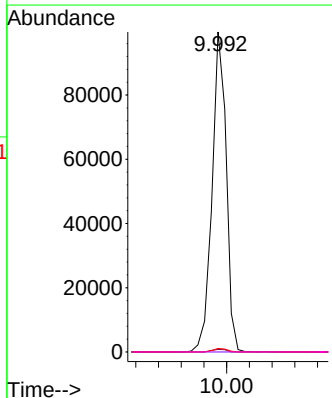
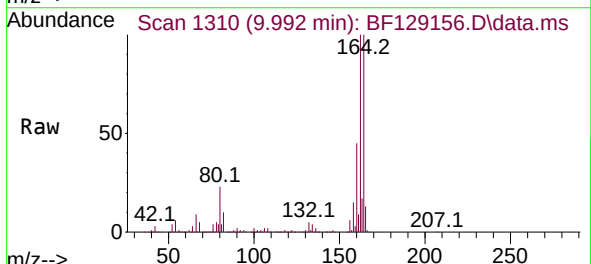
Instrument :
BNA_F
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PB146073BL

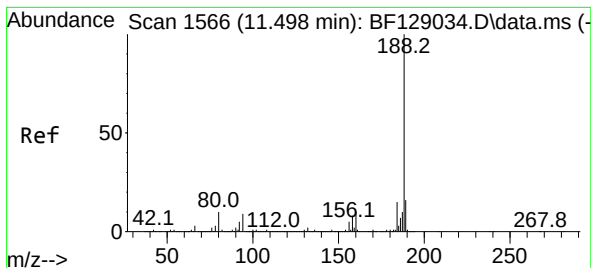
Tgt Ion:165 Resp: 86143
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.248 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.194 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Tgt Ion:165 Resp: 86143
Ion Ratio Lower Upper
165 100
63 0.8 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: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129156.D

Acq: 07 Jul 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB146073BL

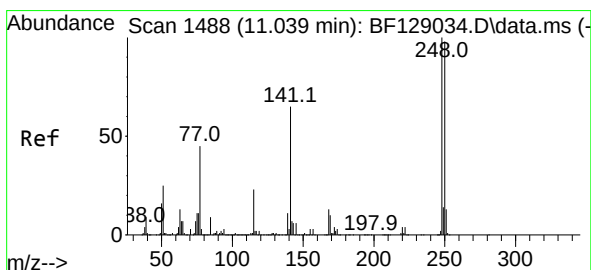
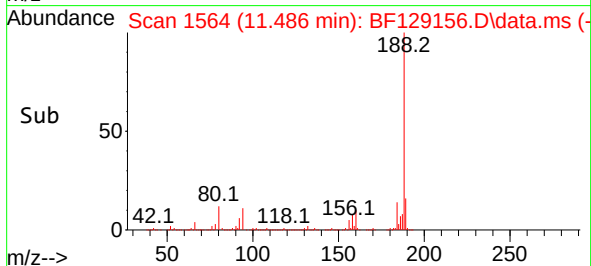
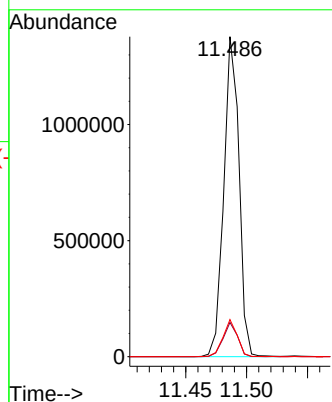
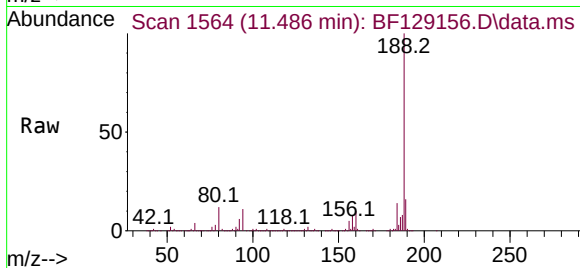
Tgt Ion:188 Resp: 1198382

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.6 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.143 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129156.D

Acq: 07 Jul 2022 13:37

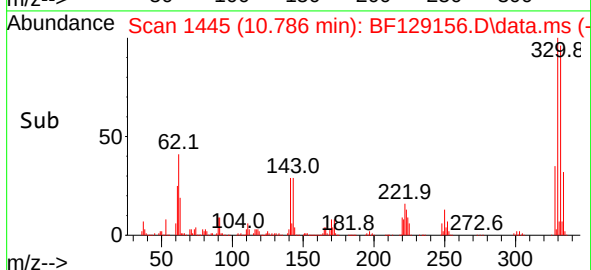
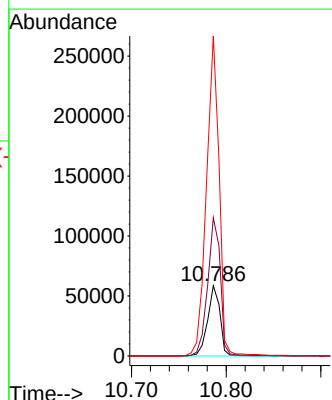
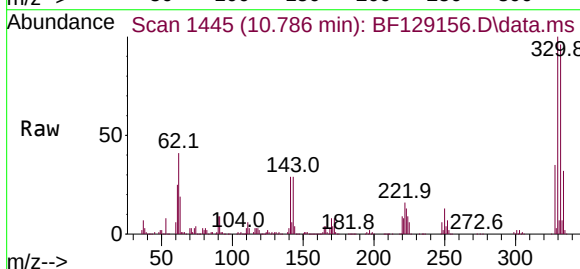
Tgt Ion:248 Resp: 52811

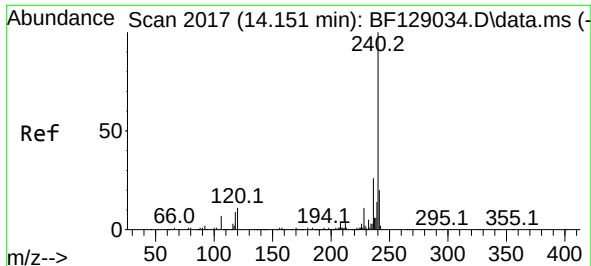
Ion Ratio Lower Upper

248 100

250 196.7 80.6 120.8#

141 455.3 58.9 88.3#

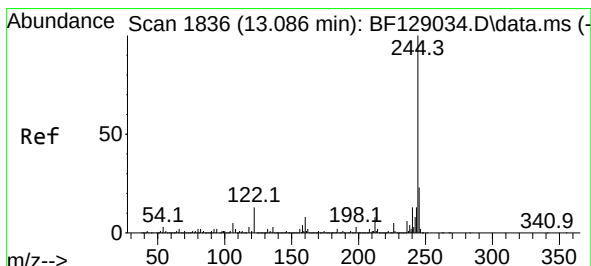
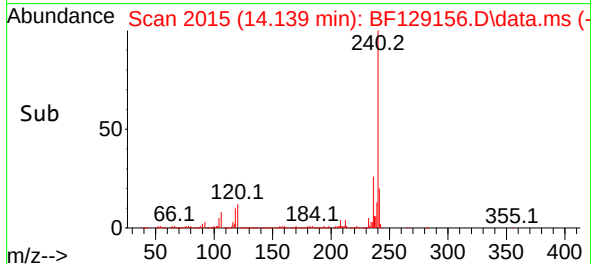
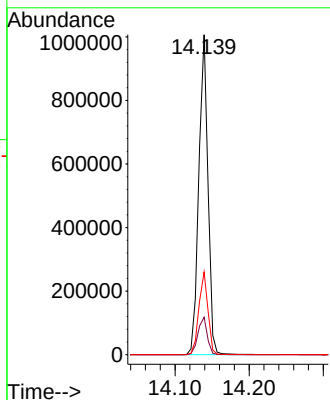
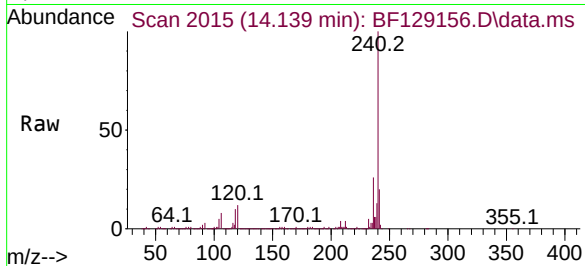




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

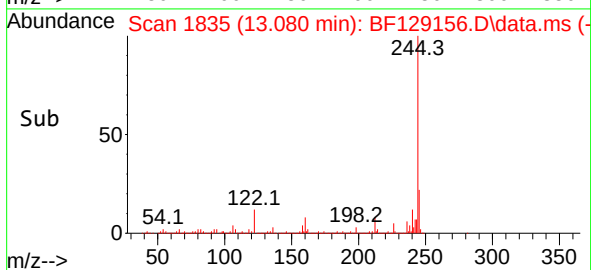
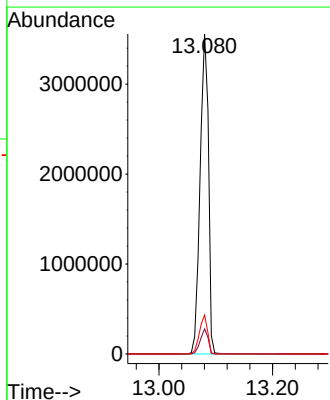
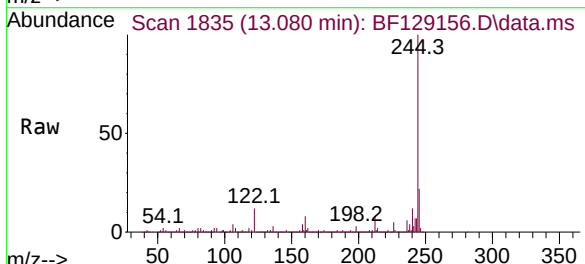
Instrument :
BNA_F
ClientSampleId :
PB146073BL

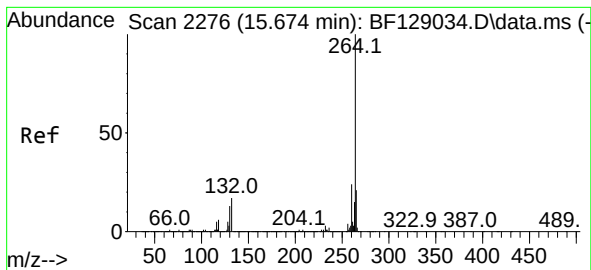
Tgt Ion:240 Resp: 859951
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 87.921 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Tgt Ion:244 Resp: 3640896
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 12.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129156.D
Acq: 07 Jul 2022 13:37

Instrument :
BNA_F
ClientSampleId :
PB146073BL

Tgt Ion:264 Resp: 739225
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.3 17.2 25.8

