

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129411.D
 Acq On : 28 Jul 2022 16:22
 Operator : CG\JU
 Sample : PB146473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146473BL

Quant Time: Jul 29 02:08:14 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)

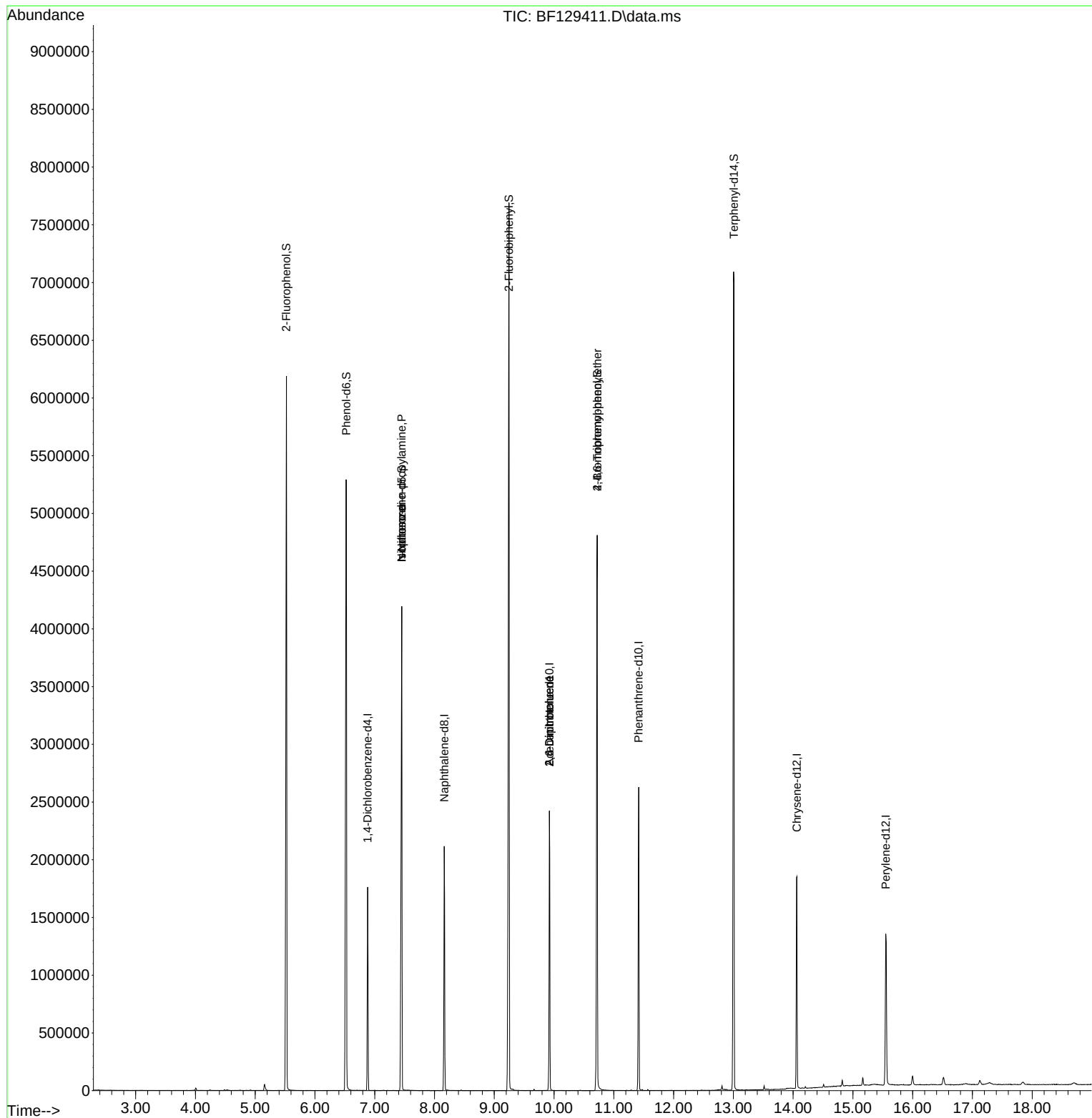
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	233102	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	950830	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	512508	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	872297	20.000	ng	0.00
76) Chrysene-d12	14.063	240	673845	20.000	ng	0.00
86) Perylene-d12	15.551	264	581386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1810361	126.514	ng	0.02
7) Phenol-d6	6.522	99	2332627	129.690	ng	0.00
23) Nitrobenzene-d5	7.451	82	1504150	86.356	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	626721	127.192	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2594082	78.300	ng	0.00
79) Terphenyl-d14	13.010	244	2844446	79.637	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	201459	18.502	ng	# 73
25) Isophorone	7.451	82	1501772	48.100	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	65645	8.290	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	65645	6.346	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	40785	4.270	ng	# 1

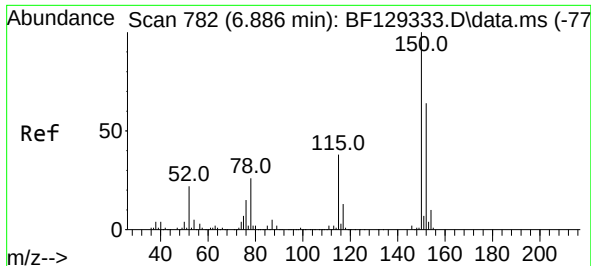
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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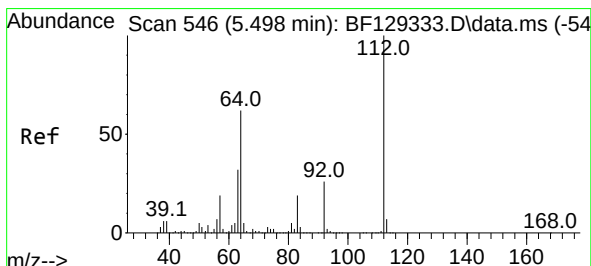
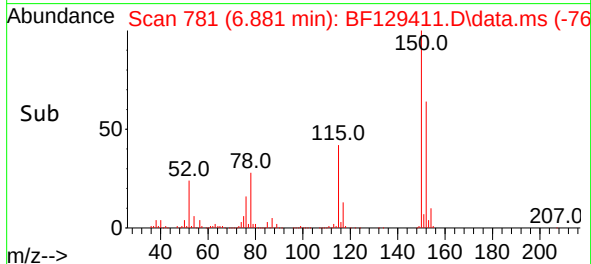
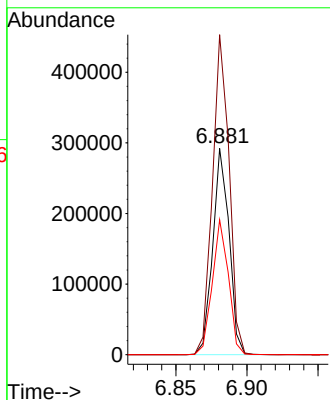
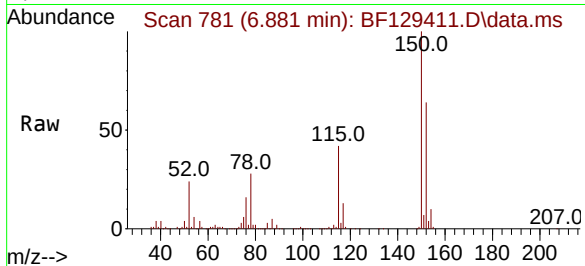




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

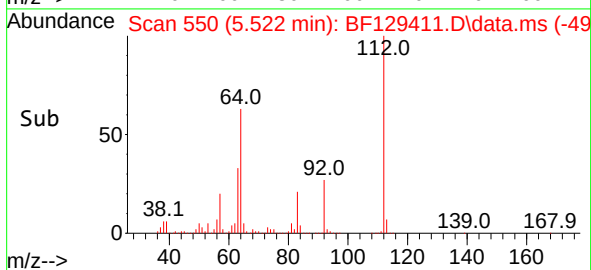
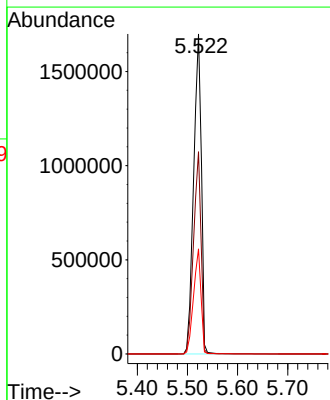
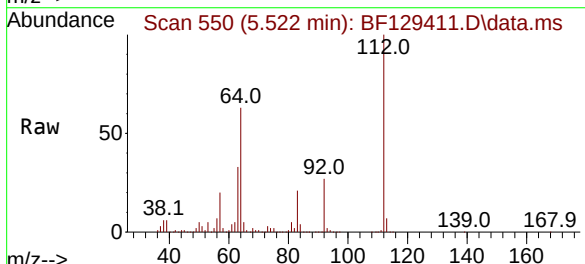
Instrument :
BNA_F
ClientSampleId :
PB146473BL

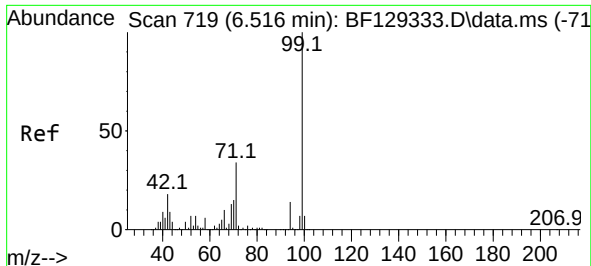
Tgt Ion:152 Resp: 233102
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 126.514 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.024 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion:112 Resp: 1810361
Ion Ratio Lower Upper
112 100
64 63.2 53.3 79.9
63 32.9 28.0 42.0

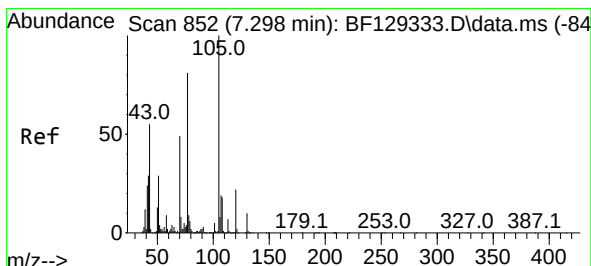
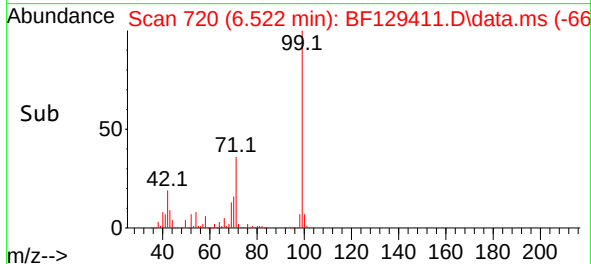
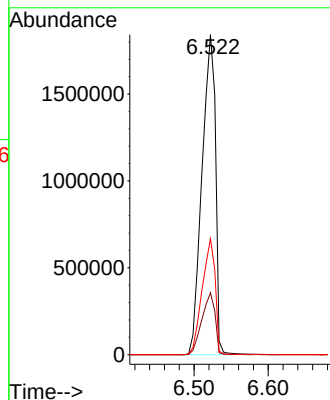
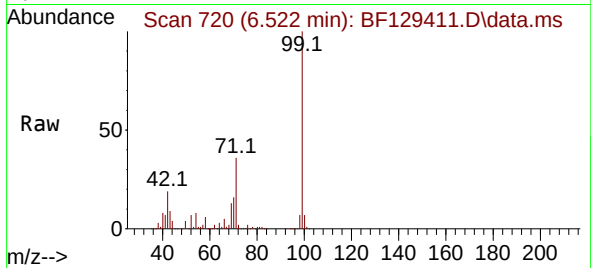




#7
Phenol-d6
Concen: 129.690 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

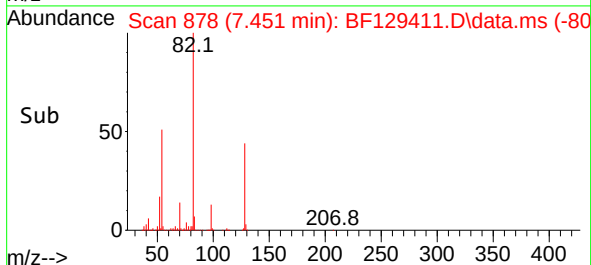
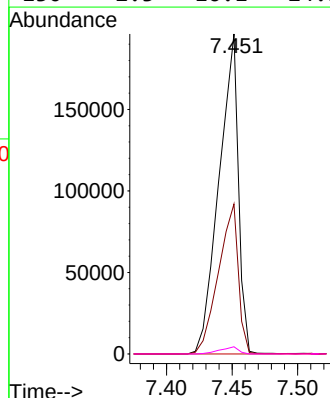
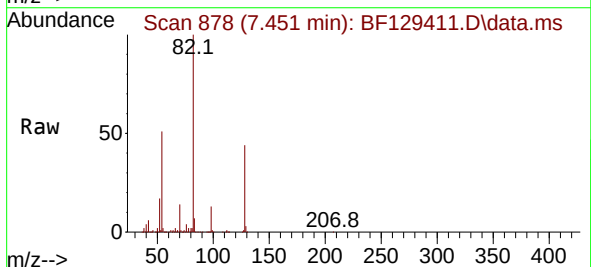
Instrument :
BNA_F
ClientSampleId :
PB146473BL

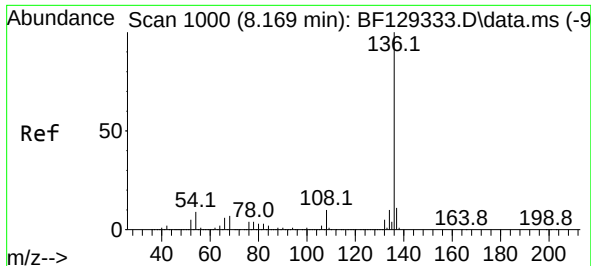
Tgt Ion: 99 Resp: 2332627
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 36.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.502 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion: 70 Resp: 201459
Ion Ratio Lower Upper
70 100
42 46.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



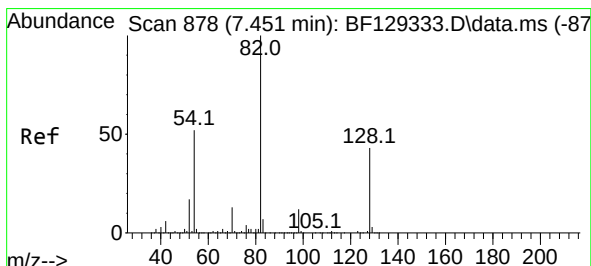
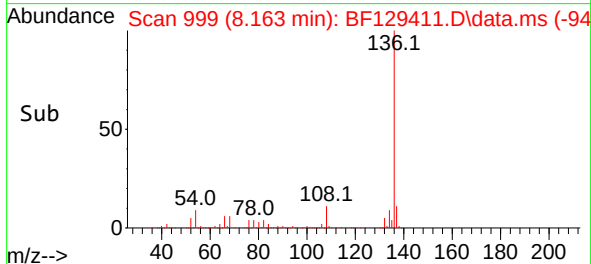
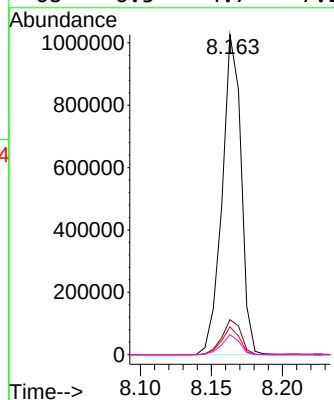
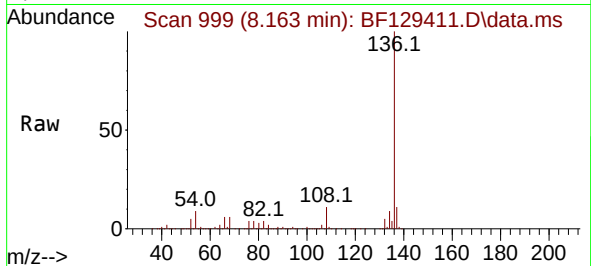


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Instrument :
BNA_F
ClientSampleId :
PB146473BL

Tgt Ion:136 Resp: 950830

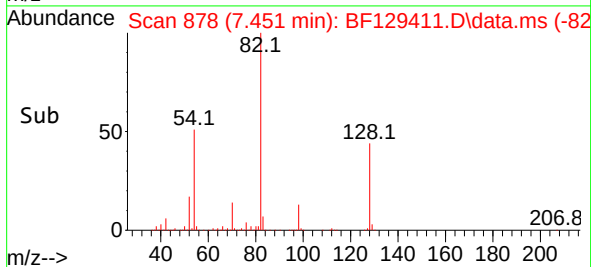
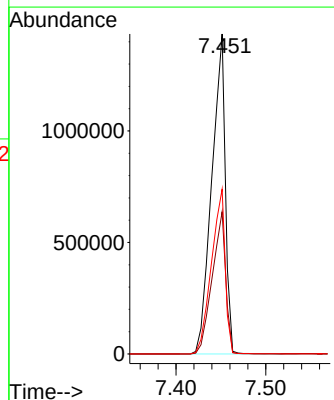
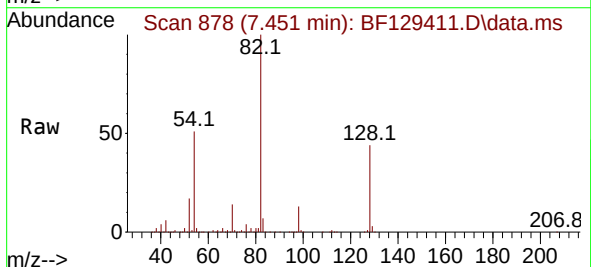
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	7.5	11.3
68	6.3	4.7	7.1

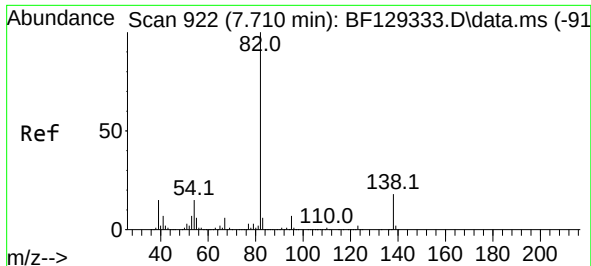


#23
Nitrobenzene-d5
Concen: 86.356 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion: 82 Resp: 1504150

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	51.5	46.9	70.3

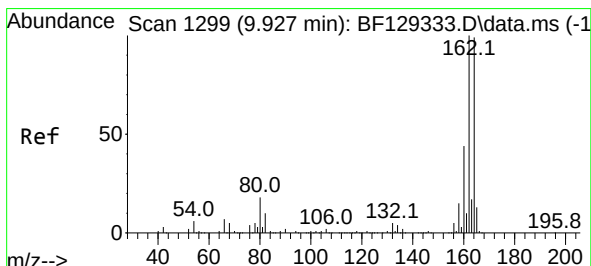
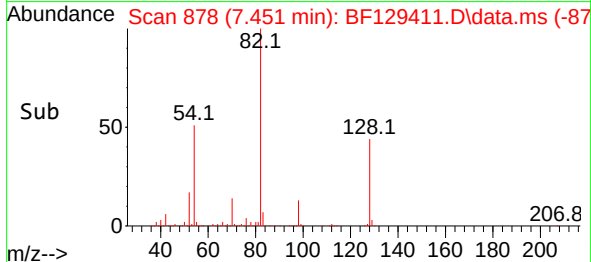
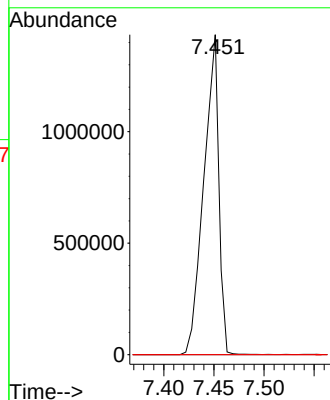
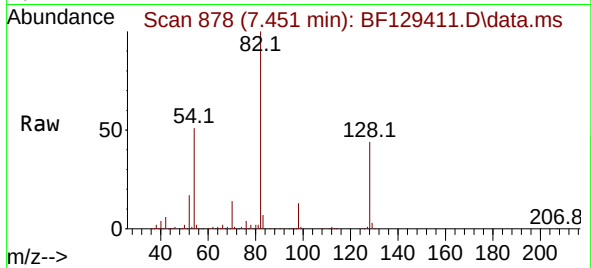




#25
Isophorone
Concen: 48.100 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

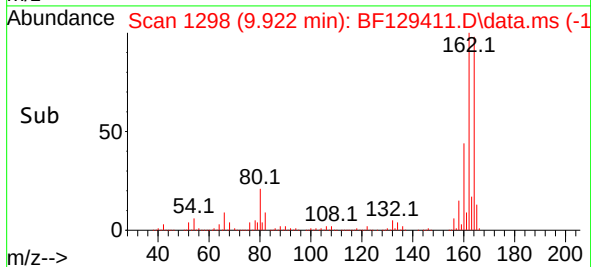
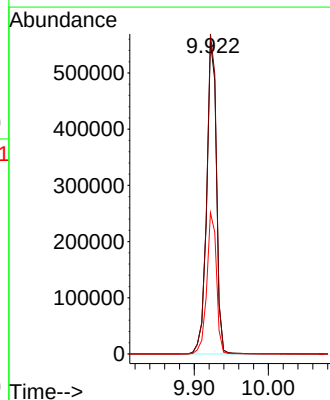
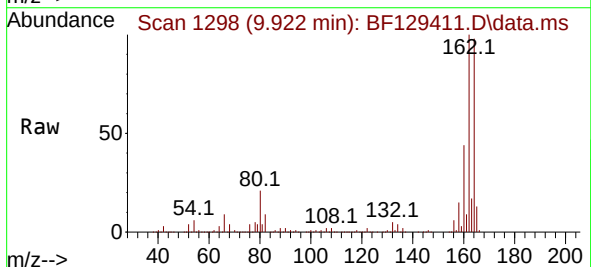
Instrument :
BNA_F
ClientSampleId :
PB146473BL

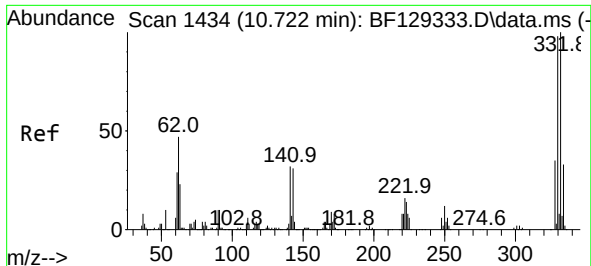
Tgt Ion: 82 Resp: 1501772
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion:164 Resp: 512508
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 127.192 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

Instrument :

BNA_F

ClientSampleId :

PB146473BL

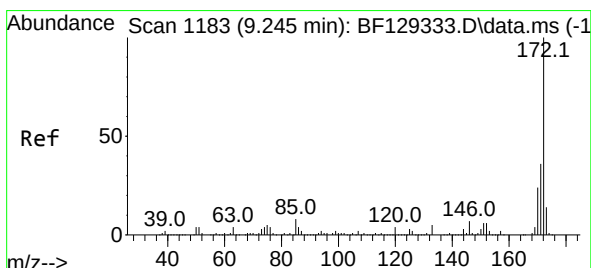
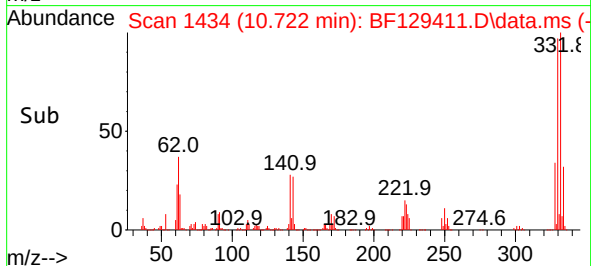
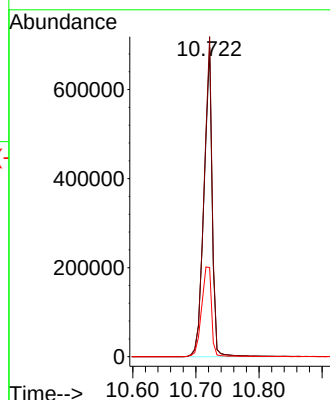
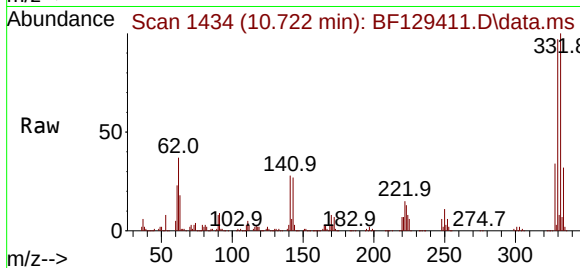
Tgt Ion:330 Resp: 626721

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.300 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

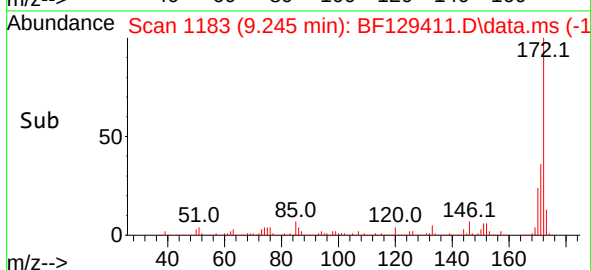
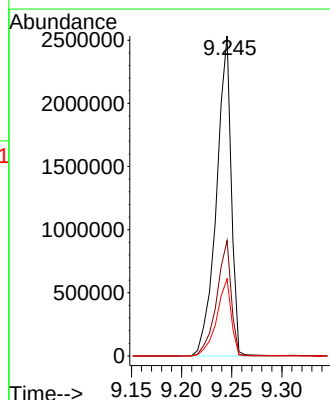
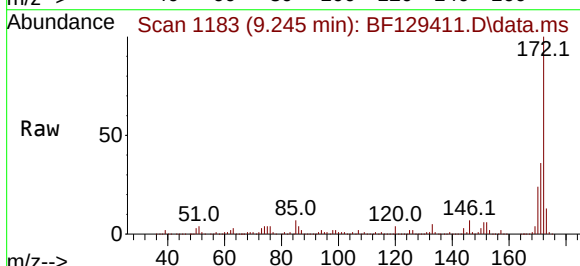
Tgt Ion:172 Resp: 2594082

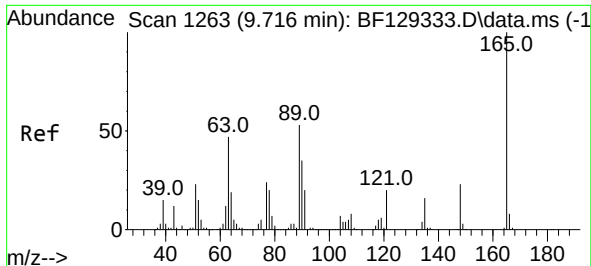
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.1 19.8 29.8

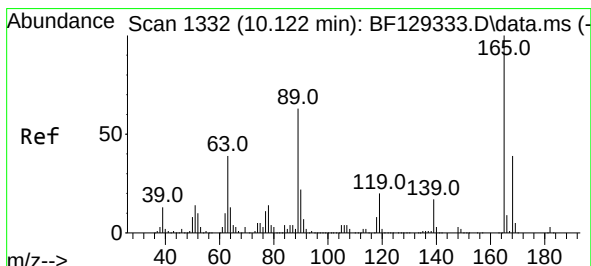
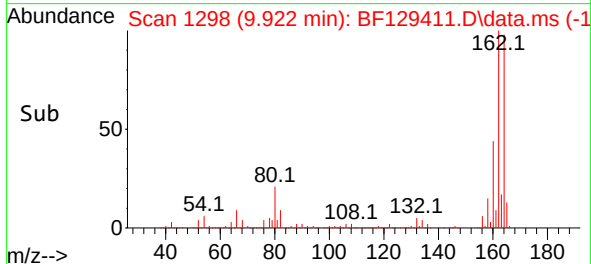
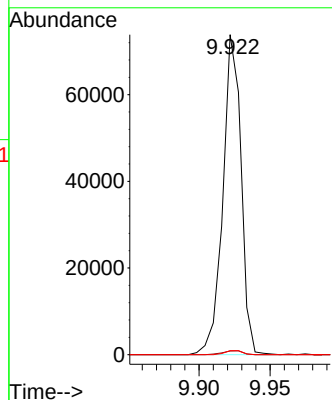
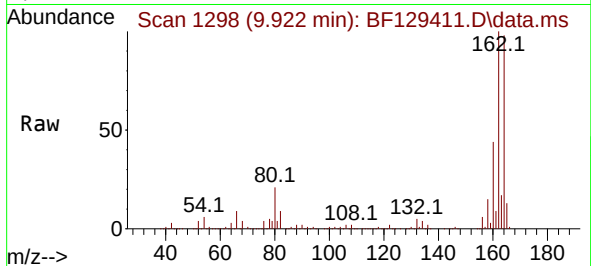




#51
2,6-Dinitrotoluene
Concen: 8.290 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

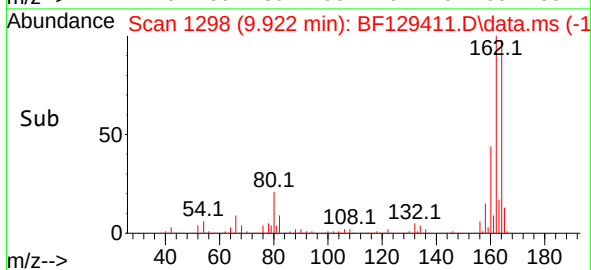
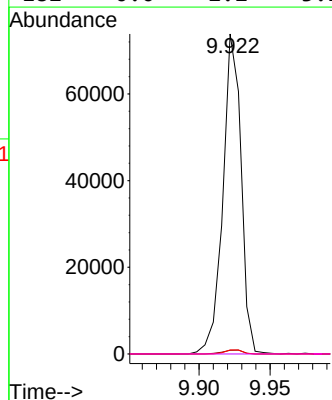
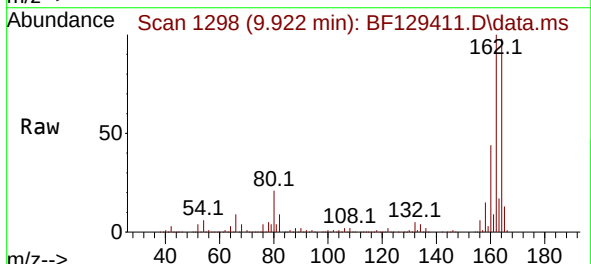
Instrument :
BNA_F
ClientSampleId :
PB146473BL

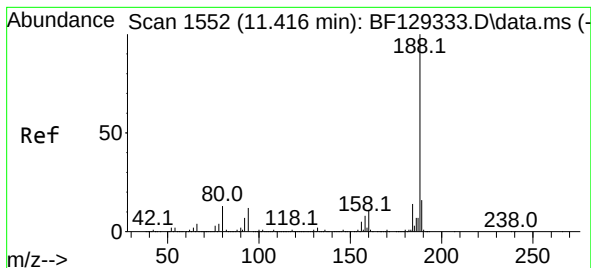
Tgt Ion:165 Resp: 65645
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.346 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion:165 Resp: 65645
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 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: BF129411.D

Acq: 28 Jul 2022 16:22

Instrument :

BNA_F

ClientSampleId :

PB146473BL

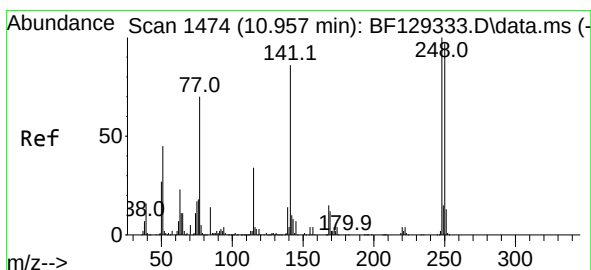
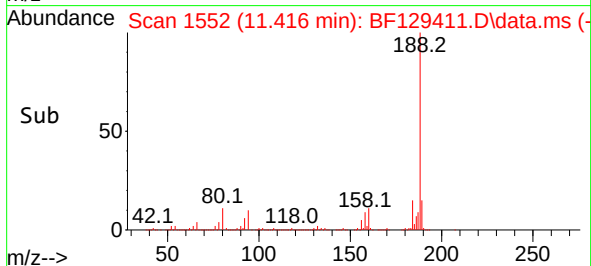
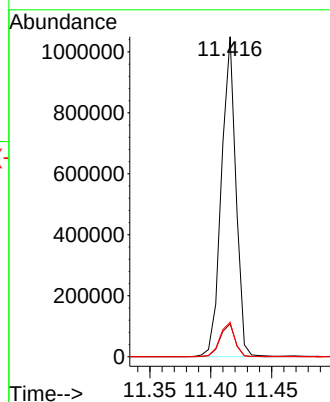
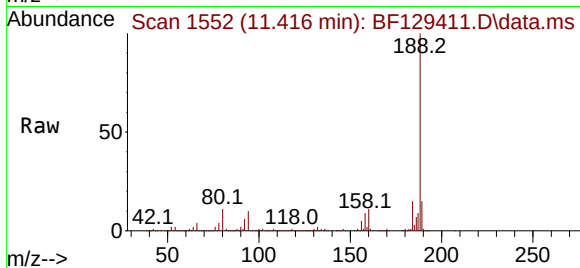
Tgt Ion:188 Resp: 872297

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.270 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

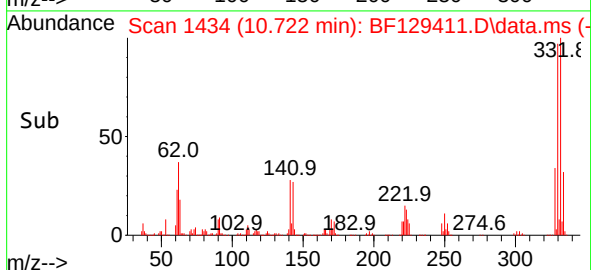
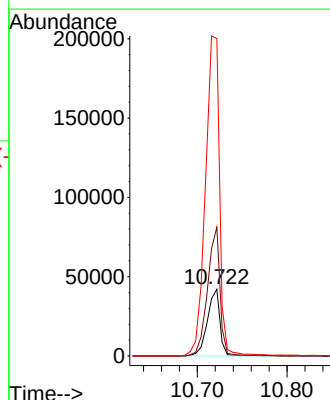
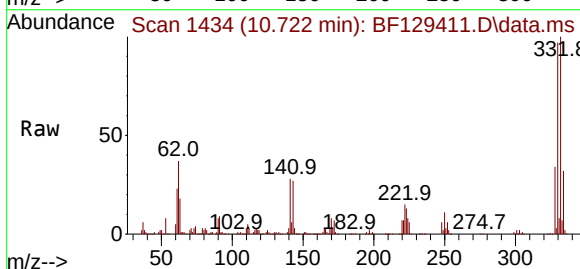
Tgt Ion:248 Resp: 40785

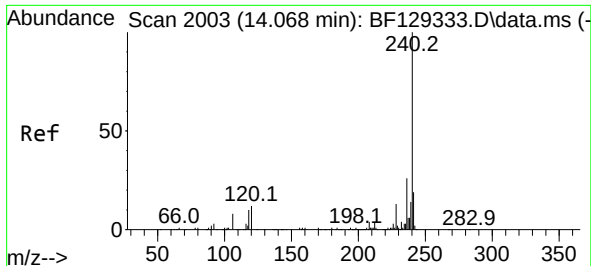
Ion Ratio Lower Upper

248 100

250 193.1 80.6 120.8#

141 475.9 58.9 88.3#

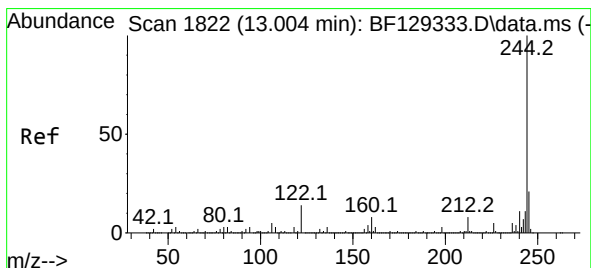
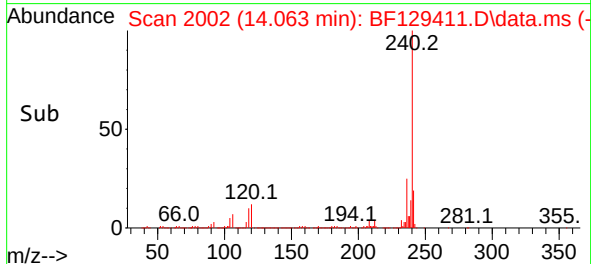
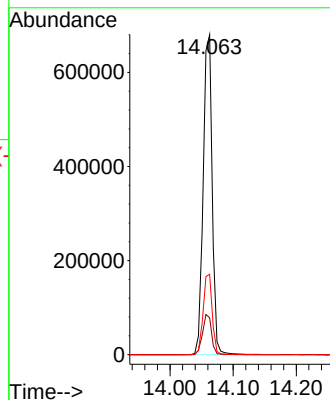
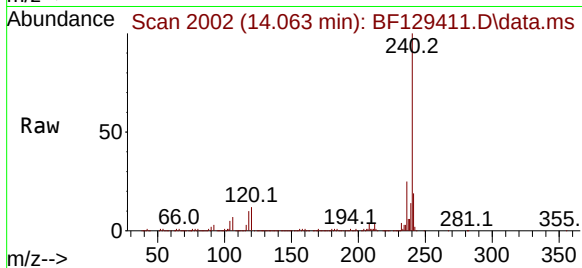




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

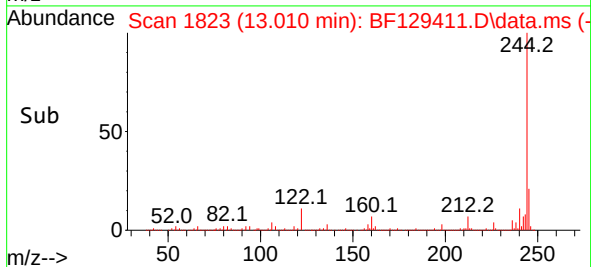
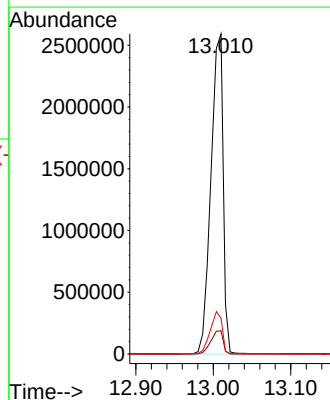
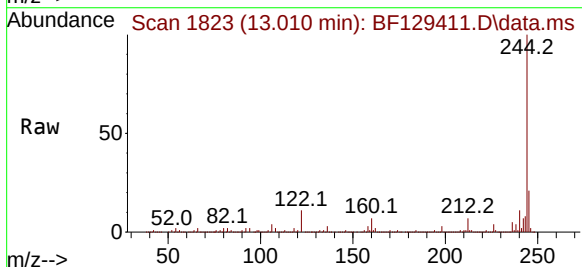
Instrument :
BNA_F
ClientSampleId :
PB146473BL

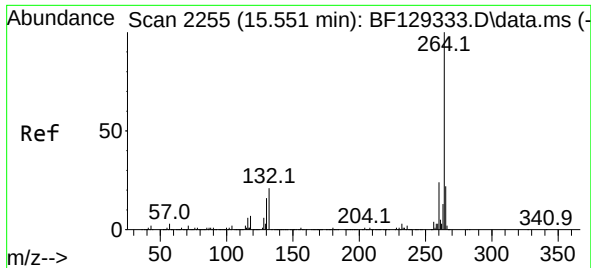
Tgt Ion:240 Resp: 673845
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 79.637 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion:244 Resp: 2844446
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.2 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: BF129411.D
 Acq: 28 Jul 2022 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB146473BL

Tgt Ion:264 Resp: 581386
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.9 17.2 25.8

