

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129378.D
 Acq On : 27 Jul 2022 16:01
 Operator : CG\JU
 Sample : PB146426TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146426TB

Quant Time: Jul 28 01:31:04 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)

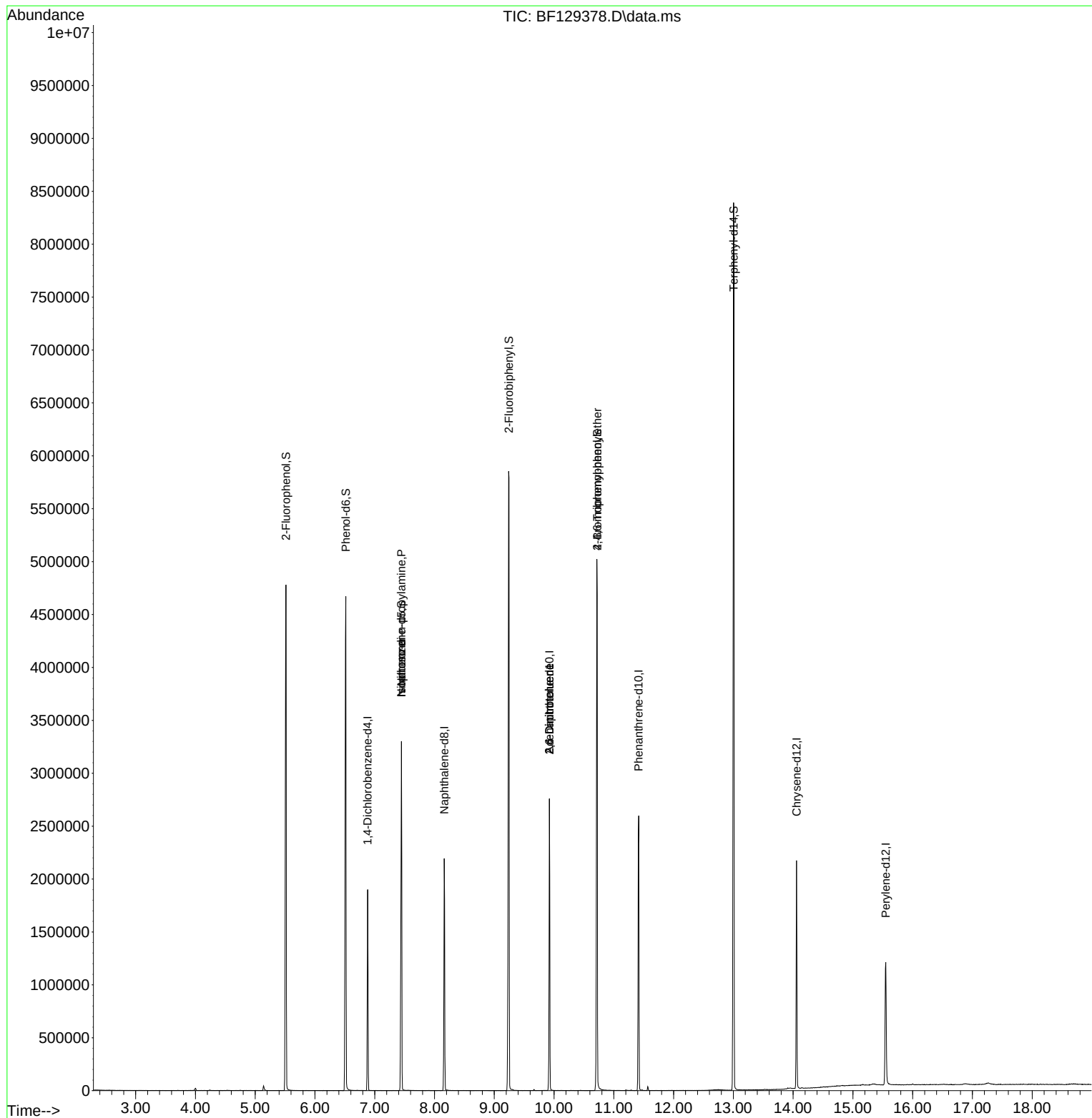
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	251709	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1005069	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	548131	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	939755	20.000	ng	0.00
76) Chrysene-d12	14.057	240	684731	20.000	ng	-0.01
86) Perylene-d12	15.551	264	562050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1443494	93.419	ng	0.02
7) Phenol-d6	6.516	99	1804141	92.892	ng	0.00
23) Nitrobenzene-d5	7.445	82	1138367	61.828	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	685184	130.019	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2076757	58.611	ng	0.00
79) Terphenyl-d14	13.004	244	3317142	91.394	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	151442	12.880	ng	# 74
25) Isophorone	7.445	82	1136525	34.437	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	70410	8.314	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	70410	6.364	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	42674	4.147	ng	# 1

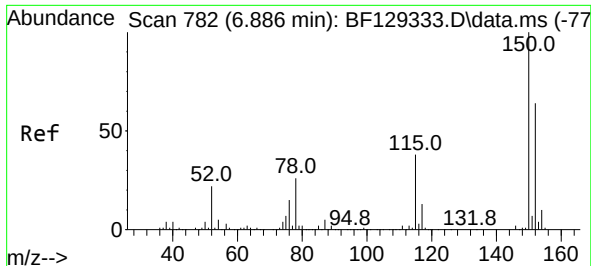
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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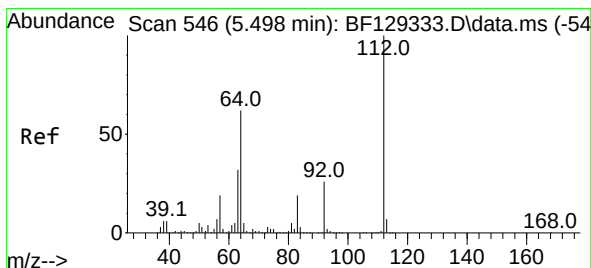
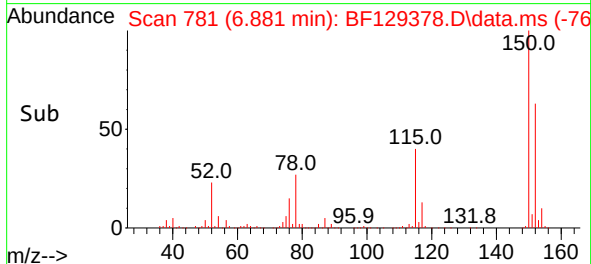
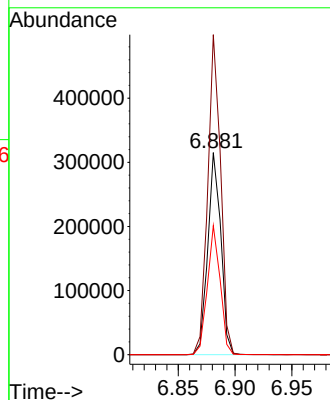
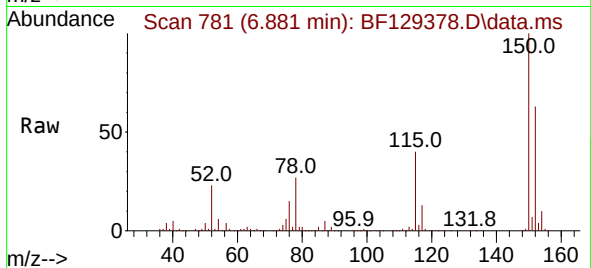




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129378.D
 Acq: 27 Jul 2022 16:01

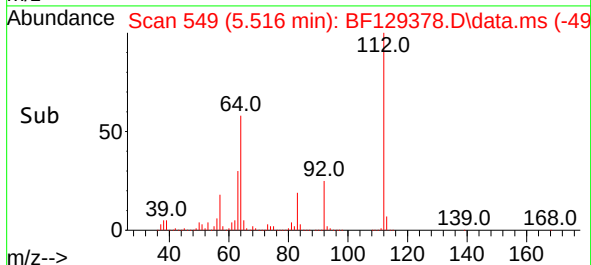
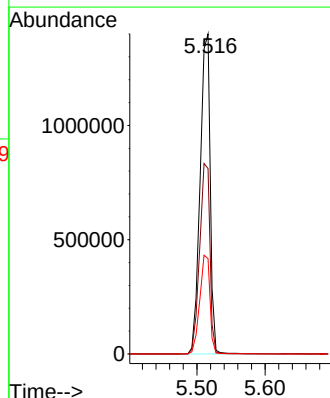
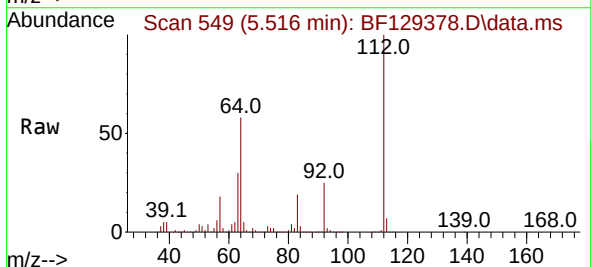
Instrument :
 BNA_F
 ClientSampleId :
 PB146426TB

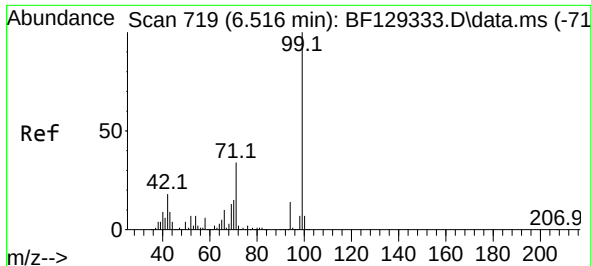
Tgt Ion:152 Resp: 251709
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.7 185.5
 115 63.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.419 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129378.D
 Acq: 27 Jul 2022 16:01

Tgt Ion:112 Resp: 1443494
 Ion Ratio Lower Upper
 112 100
 64 58.0 53.3 79.9
 63 29.8 28.0 42.0

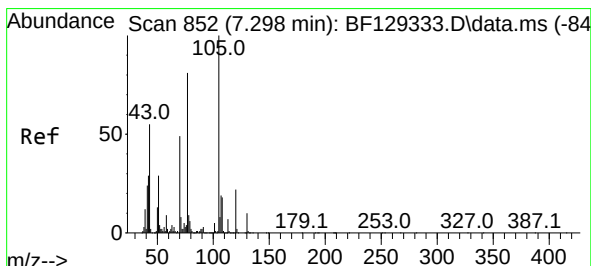
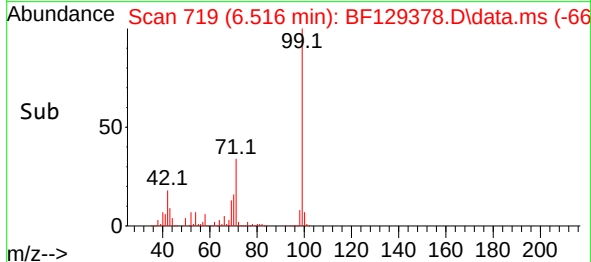
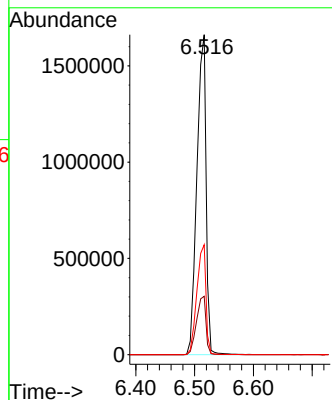
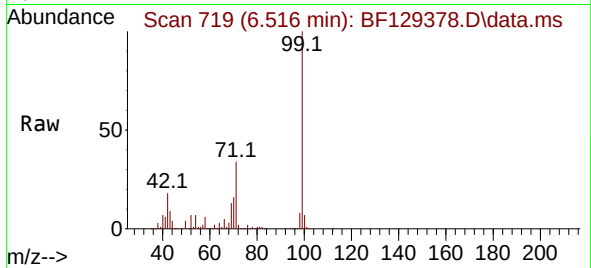




#7
Phenol-d6
Concen: 92.892 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

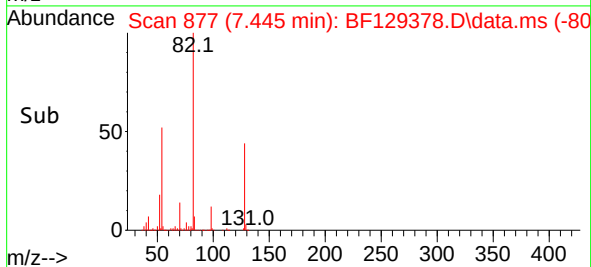
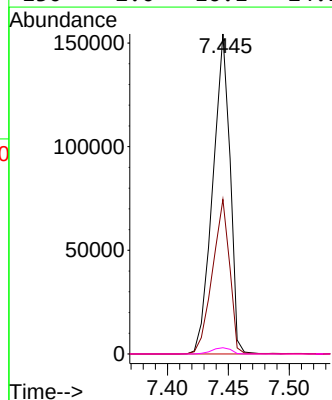
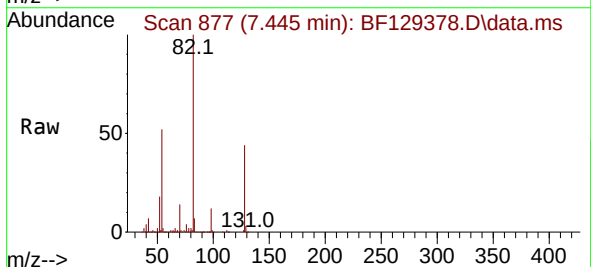
Instrument :
BNA_F
ClientSampleId :
PB146426TB

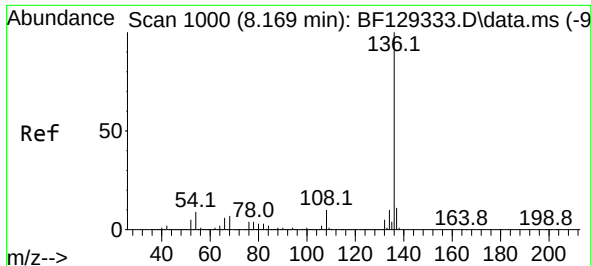
Tgt Ion: 99 Resp: 1804141
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 34.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.880 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

Tgt Ion: 70 Resp: 151442
Ion Ratio Lower Upper
70 100
42 48.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

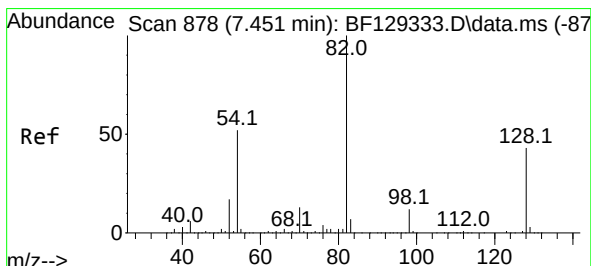
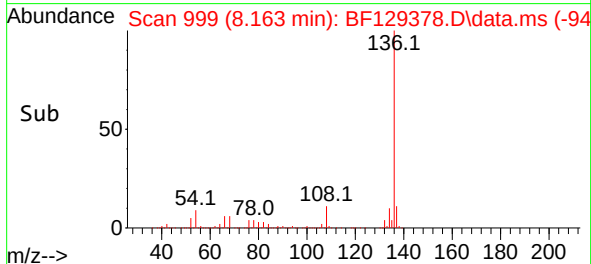
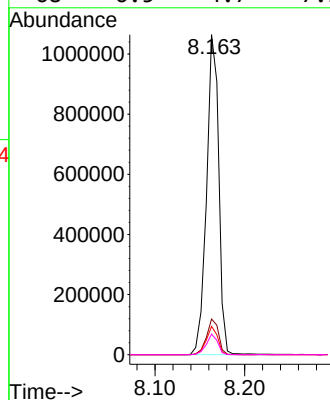
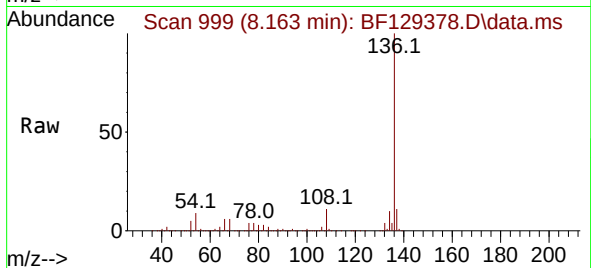




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

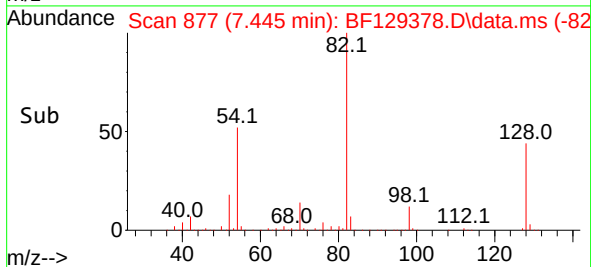
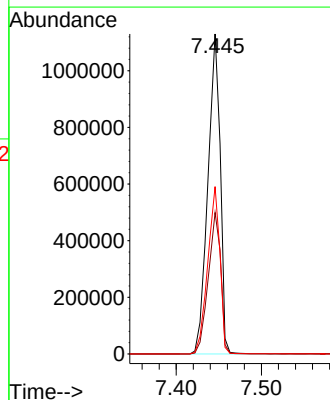
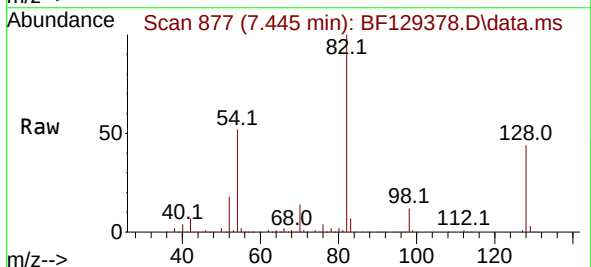
Instrument :
BNA_F
ClientSampleId :
PB146426TB

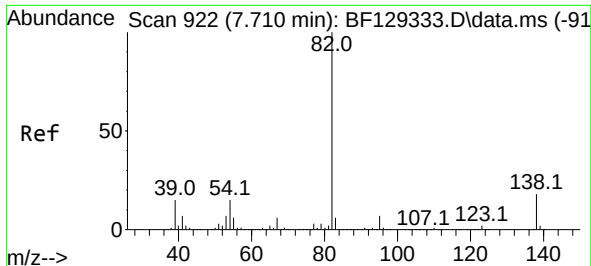
Tgt Ion:136 Resp: 1005069
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 61.828 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

Tgt Ion: 82 Resp: 1138367
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.3 46.9 70.3

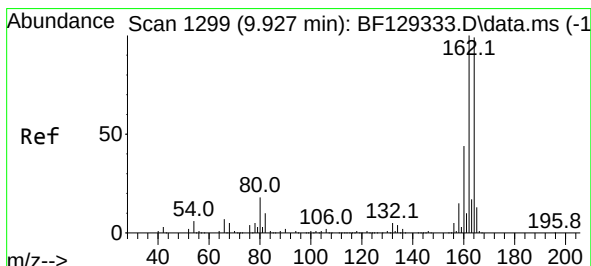
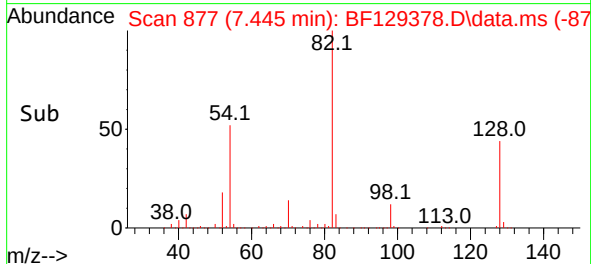
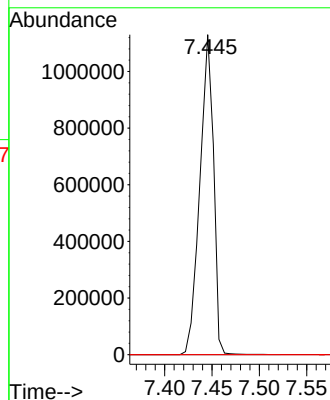
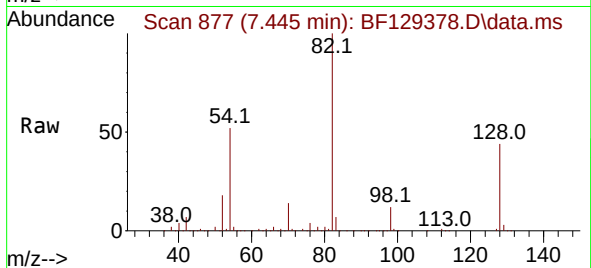




#25
Isophorone
Concen: 34.437 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

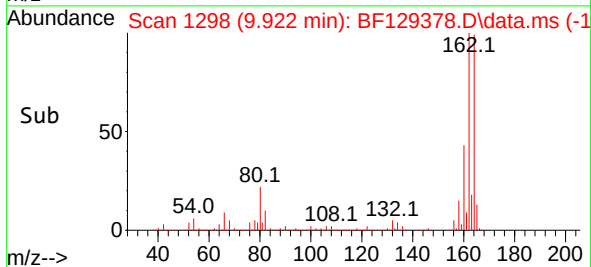
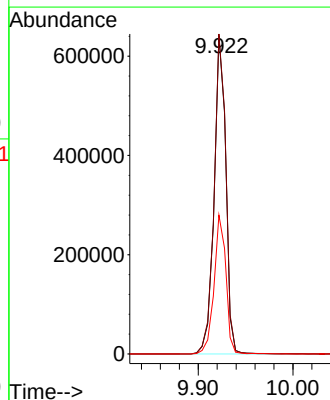
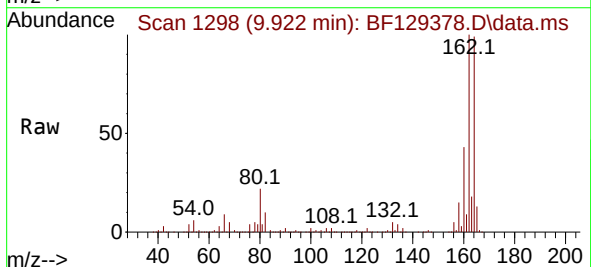
Instrument :
BNA_F
ClientSampleId :
PB146426TB

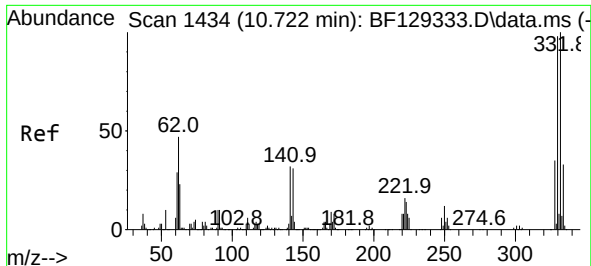
Tgt Ion: 82 Resp: 1136525
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

Tgt Ion:164 Resp: 548131
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.019 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129378.D

Acq: 27 Jul 2022 16:01

Instrument :

BNA_F

ClientSampleId :

PB146426TB

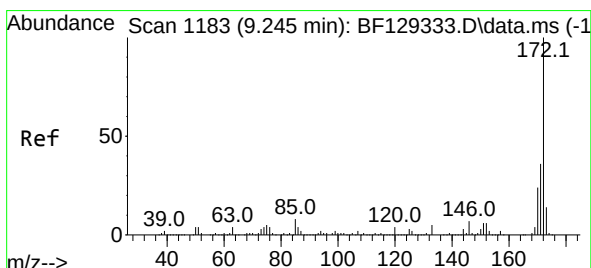
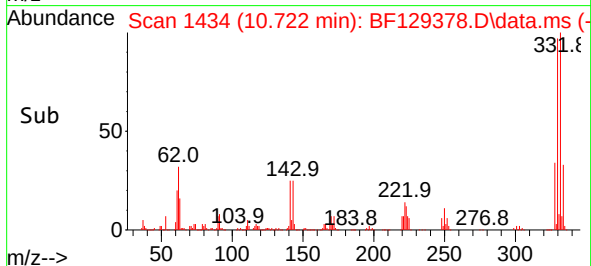
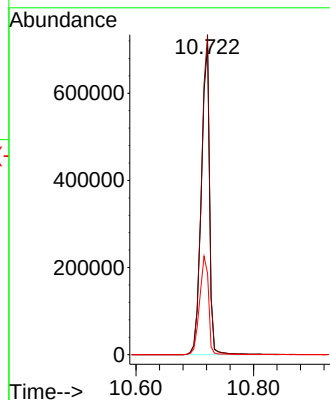
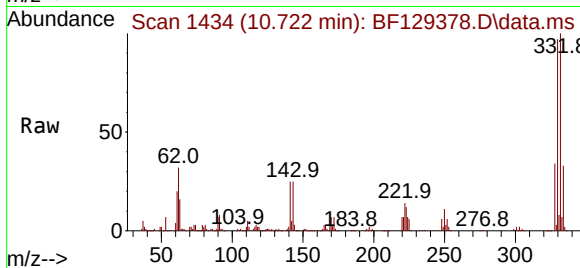
Tgt Ion:330 Resp: 685184

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.611 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129378.D

Acq: 27 Jul 2022 16:01

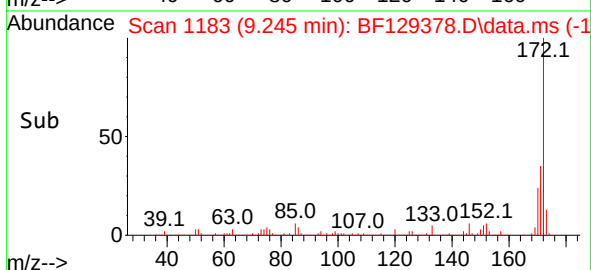
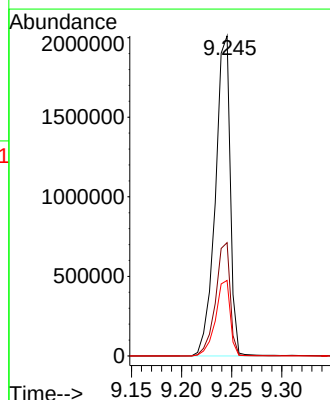
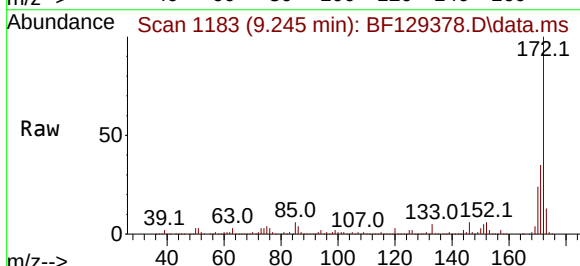
Tgt Ion:172 Resp: 2076757

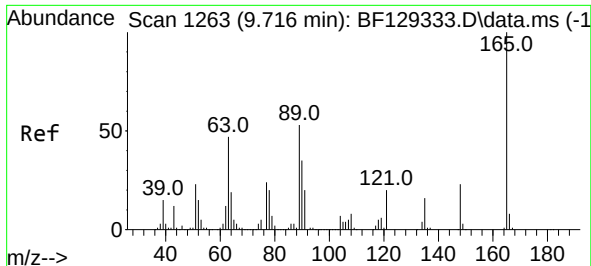
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.314 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129378.D

Acq: 27 Jul 2022 16:01

Instrument :

BNA_F

ClientSampleId :

PB146426TB

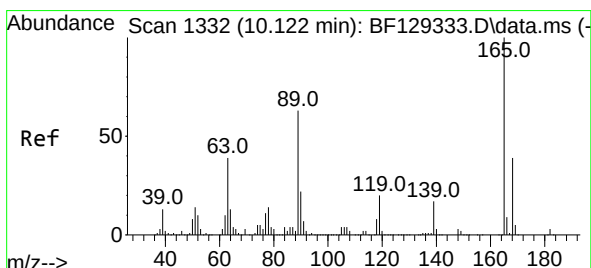
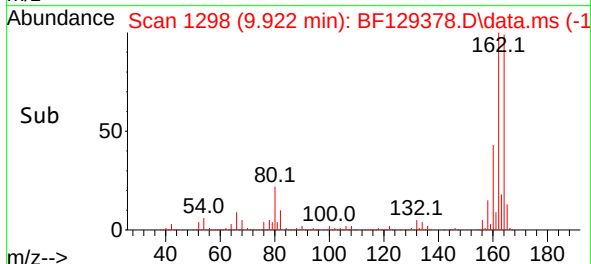
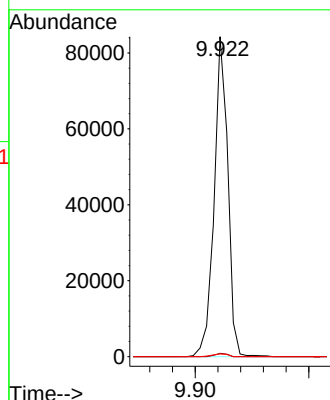
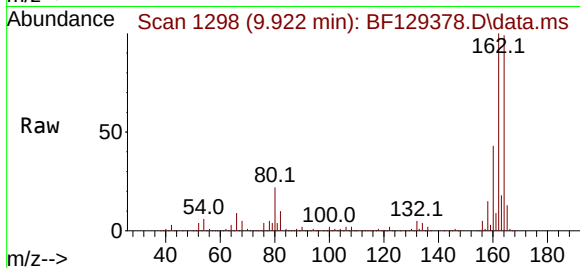
Tgt Ion:165 Resp: 70410

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 0.8 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.364 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129378.D

Acq: 27 Jul 2022 16:01

Tgt Ion:165 Resp: 70410

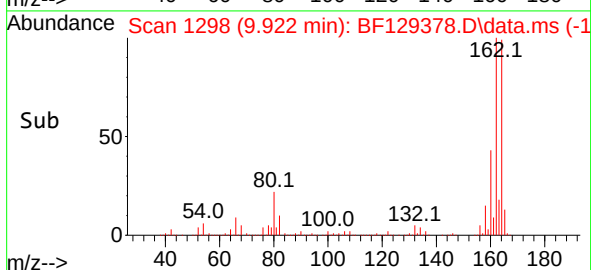
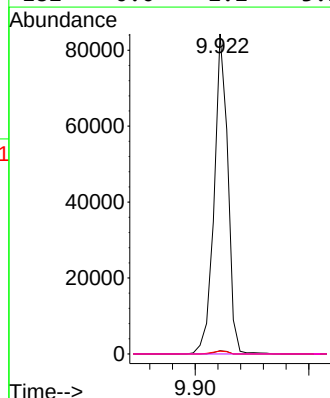
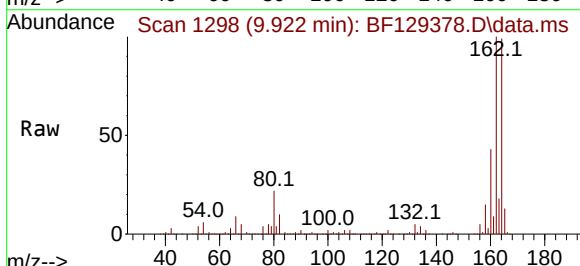
Ion Ratio Lower Upper

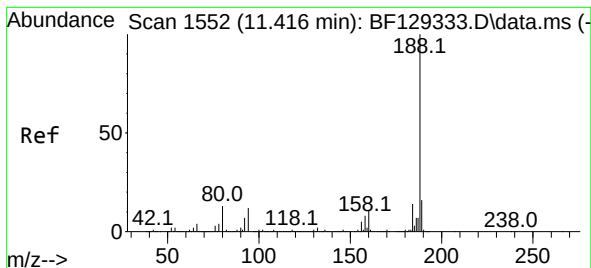
165 100

63 1.0 39.8 59.6#

89 0.8 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: BF129378.D

Acq: 27 Jul 2022 16:01

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PB146426TB

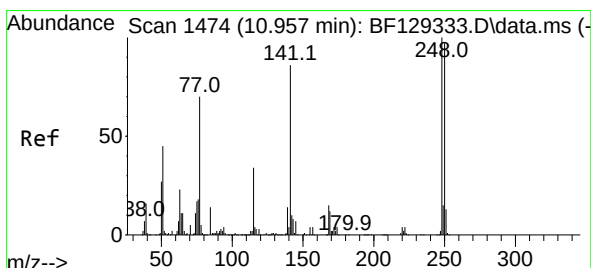
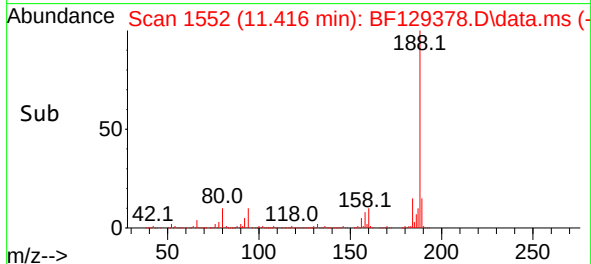
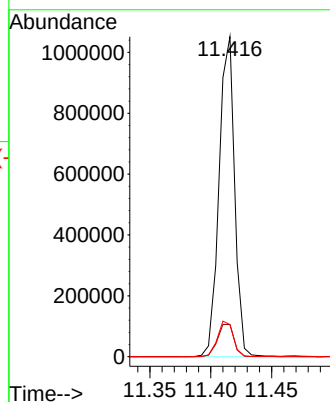
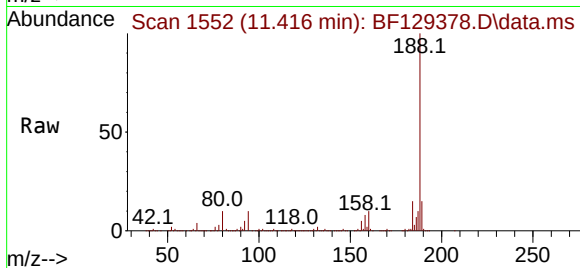
Tgt Ion:188 Resp: 939755

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.147 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129378.D

Acq: 27 Jul 2022 16:01

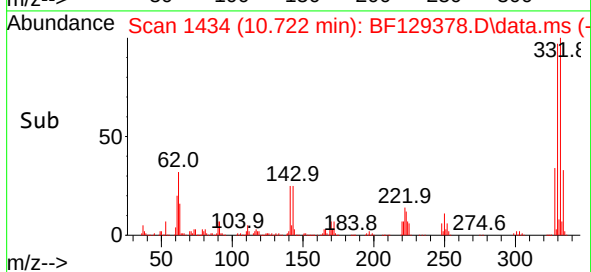
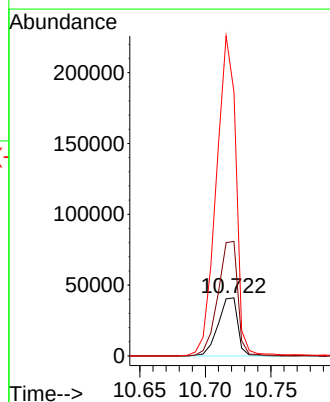
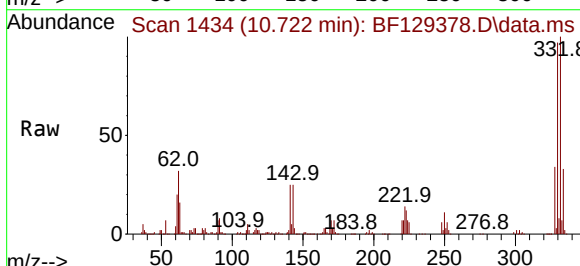
Tgt Ion:248 Resp: 42674

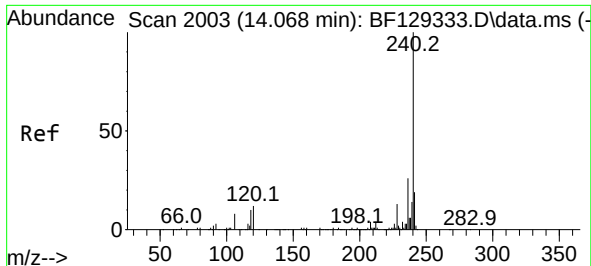
Ion Ratio Lower Upper

248 100

250 197.1 80.6 120.8#

141 454.3 58.9 88.3#

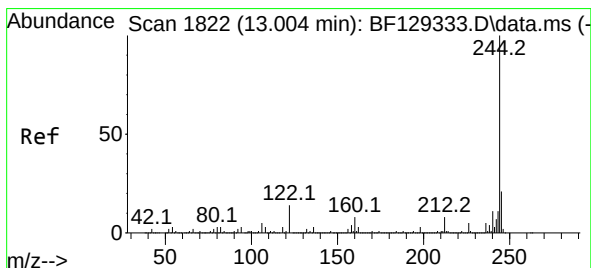
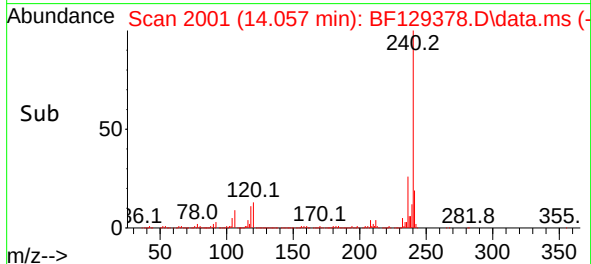
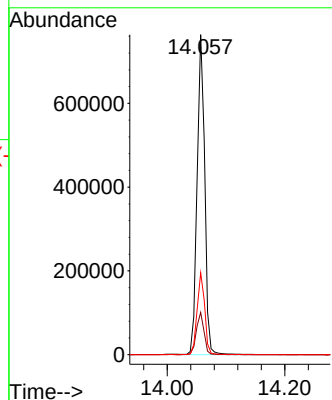
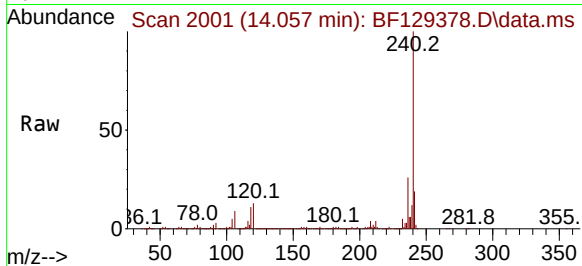




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

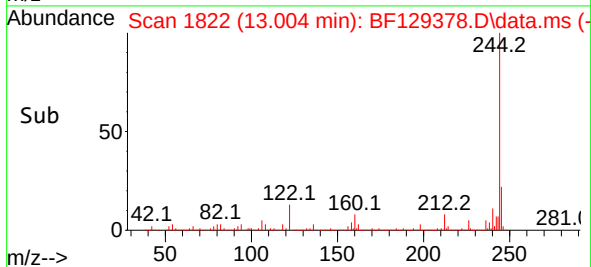
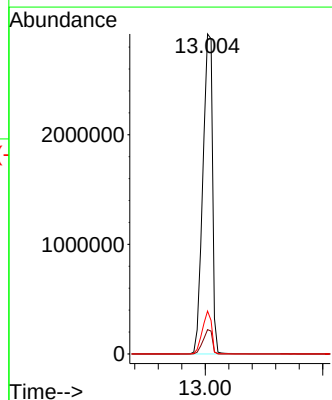
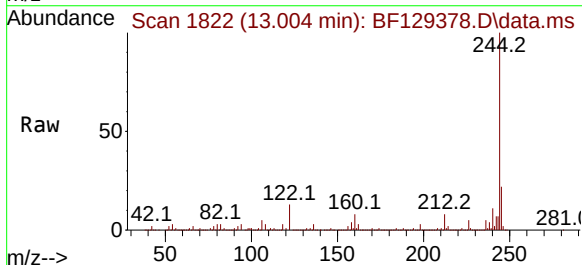
Instrument :
BNA_F
ClientSampleId :
PB146426TB

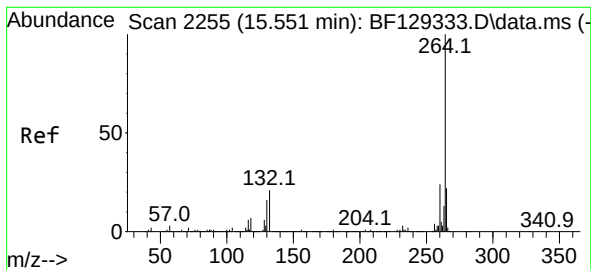
Tgt Ion:240 Resp: 684731
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 91.394 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

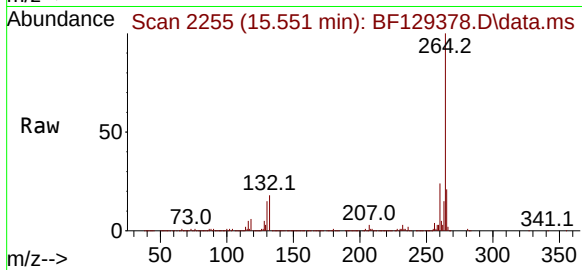
Tgt Ion:244 Resp: 3317142
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.4 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129378.D
Acq: 27 Jul 2022 16:01

Instrument :
BNA_F
ClientSampleId :
PB146426TB



Tgt Ion:264 Resp: 562050
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 20.7 17.2 25.8

