

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129477.D
 Acq On : 01 Aug 2022 17:09
 Operator : CG\JU
 Sample : PB146602BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146602BL

Quant Time: Aug 02 01:16:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

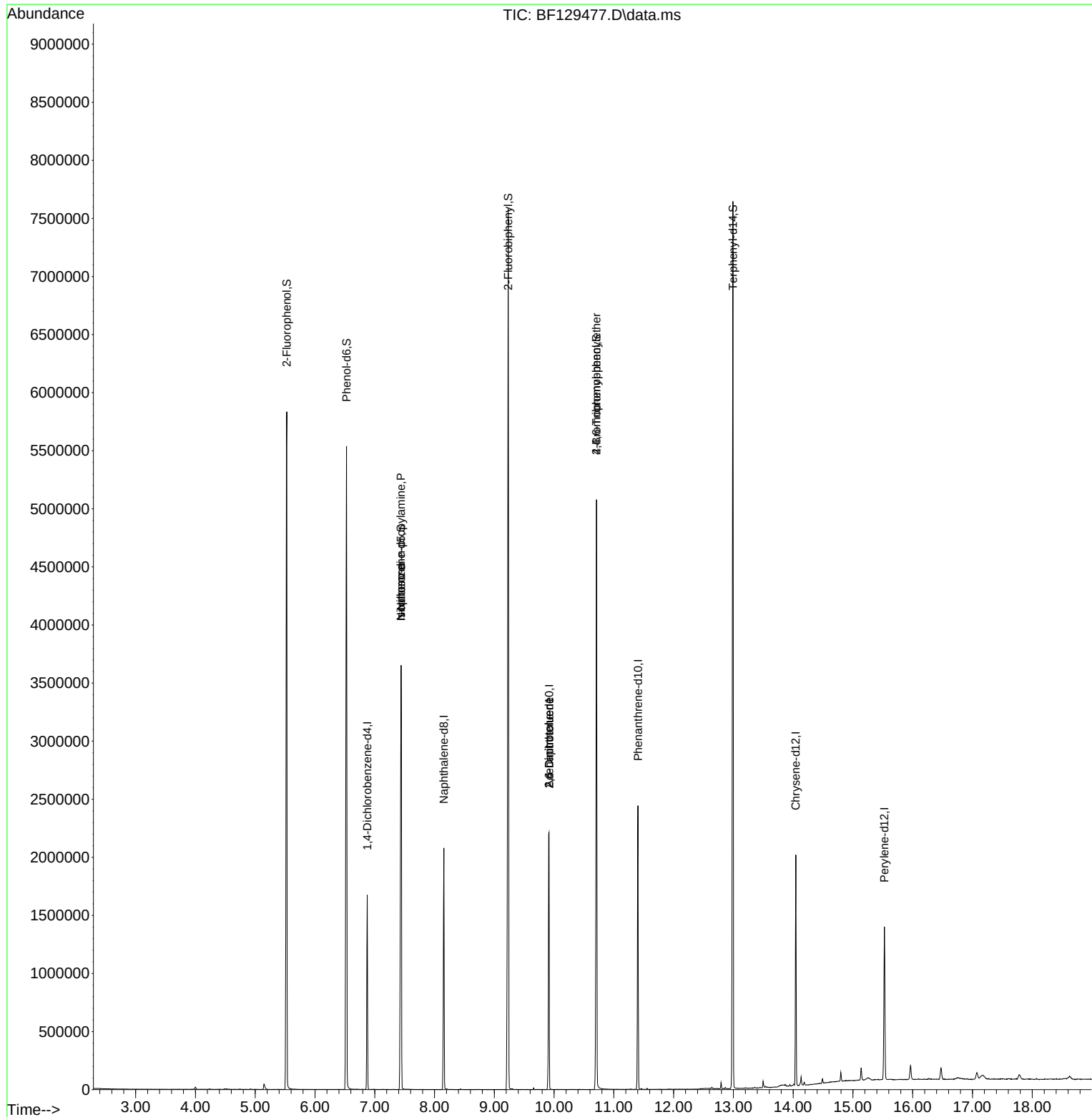
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	228049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	934938	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	498260	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	858385	20.000	ng	0.00
76) Chrysene-d12	14.045	240	618265	20.000	ng	0.00
86) Perylene-d12	15.527	264	532874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1726355	123.317	ng	0.02
7) Phenol-d6	6.528	99	2210412	125.618	ng	0.00
23) Nitrobenzene-d5	7.439	82	1495662	87.328	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	624079	130.277	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2628737	81.614	ng	0.00
79) Terphenyl-d14	12.992	244	2781775	84.883	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	199278	18.707	ng	# 75
25) Isophorone	7.439	82	1495637	48.718	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	64631	8.395	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	64631	6.426	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	39222	4.173	ng	# 1

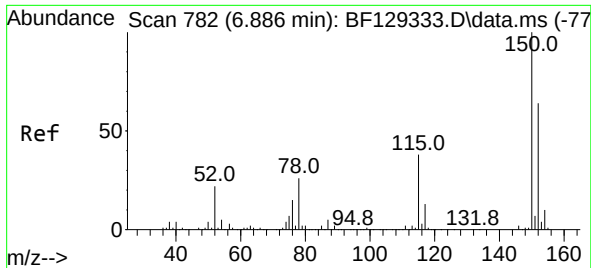
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

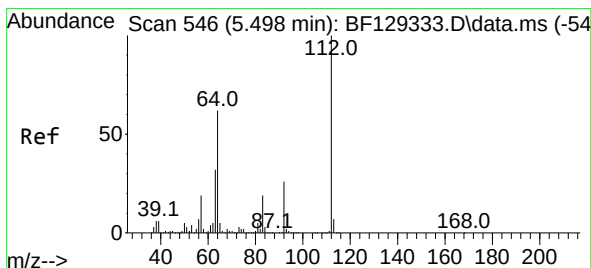
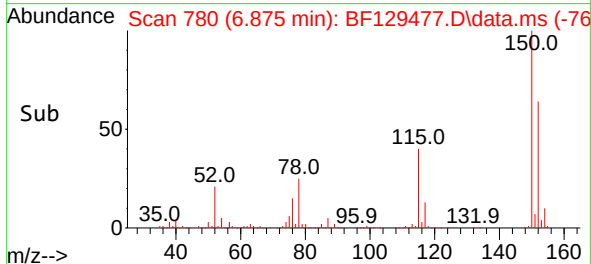
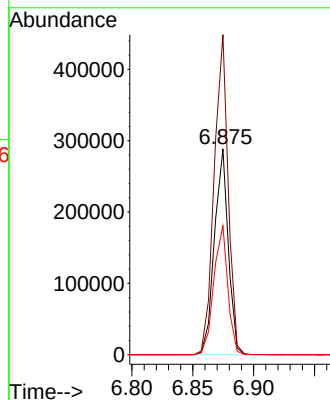
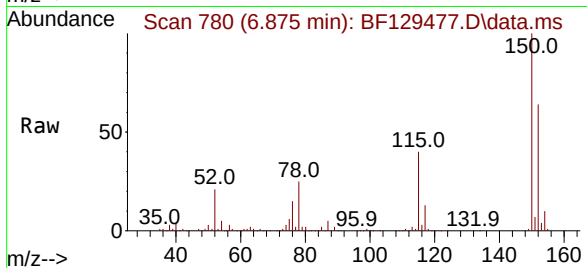




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129477.D
 Acq: 01 Aug 2022 17:09

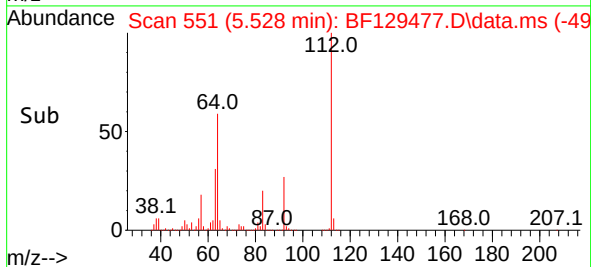
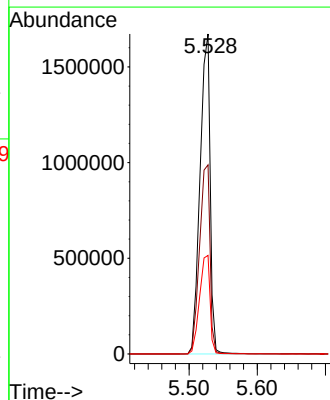
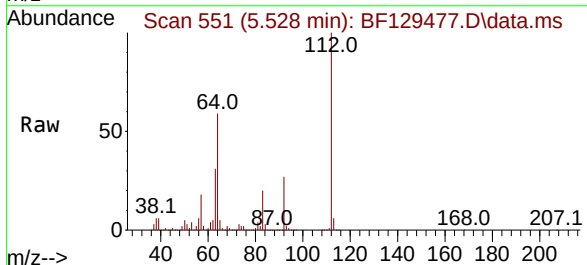
Instrument :
 BNA_F
 ClientSampleId :
 PB146602BL

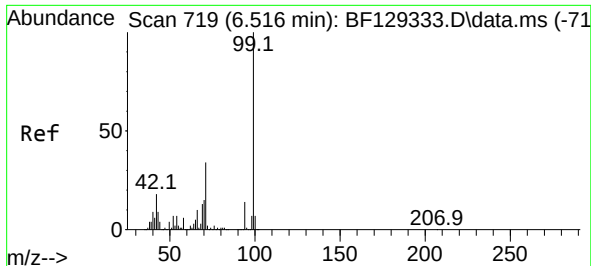
Tgt Ion:152 Resp: 228049
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 123.317 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.023 min
 Lab File: BF129477.D
 Acq: 01 Aug 2022 17:09

Tgt Ion:112 Resp: 1726355
 Ion Ratio Lower Upper
 112 100
 64 59.1 53.3 79.9
 63 30.8 28.0 42.0

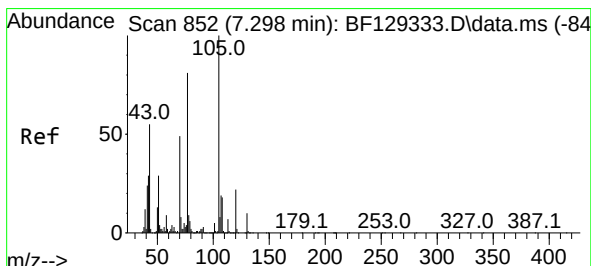
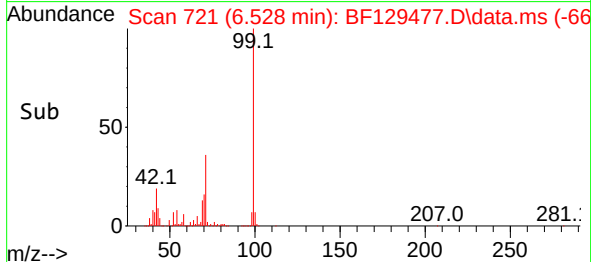
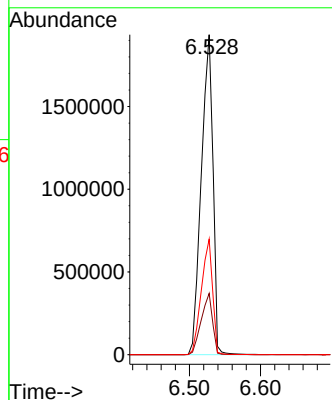
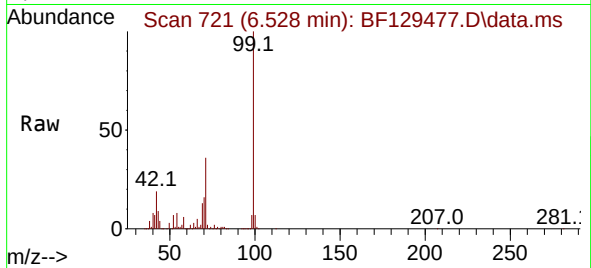




#7
Phenol-d6
Concen: 125.618 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

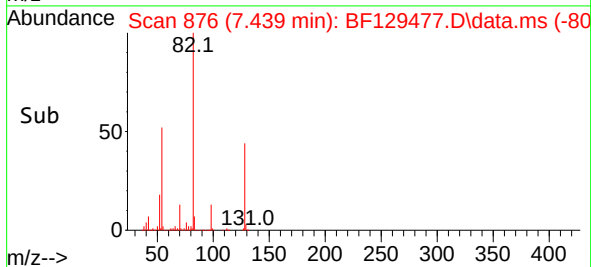
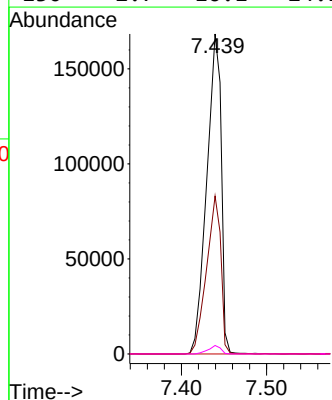
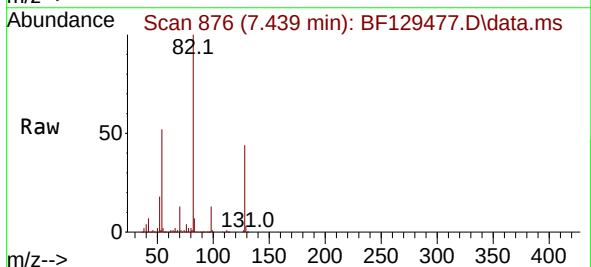
Instrument :
BNA_F
ClientSampleId :
PB146602BL

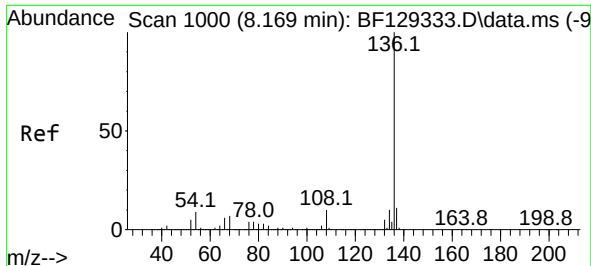
Tgt Ion: 99 Resp: 2210412
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.707 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

Tgt Ion: 70 Resp: 199278
Ion Ratio Lower Upper
70 100
42 49.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.7 16.1 24.1#

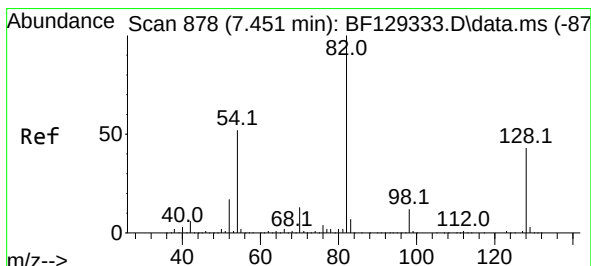
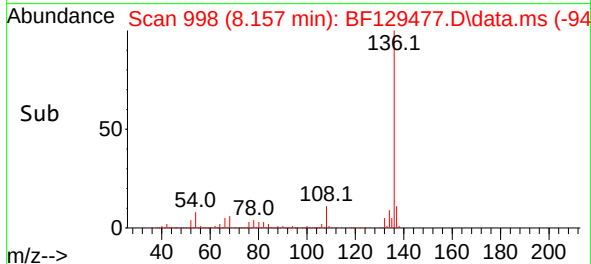
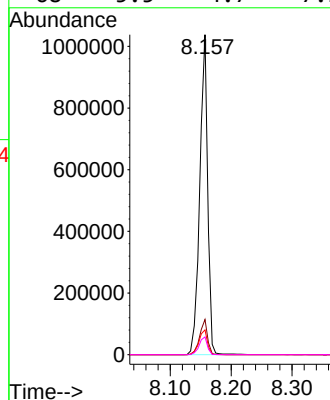
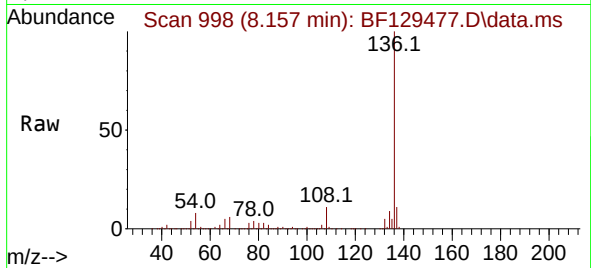




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

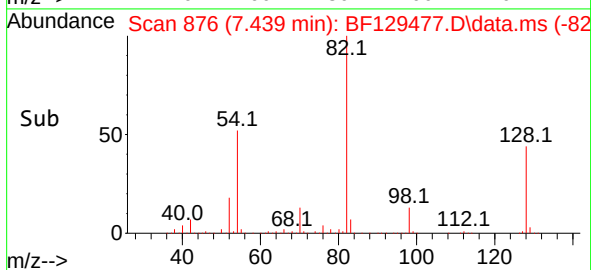
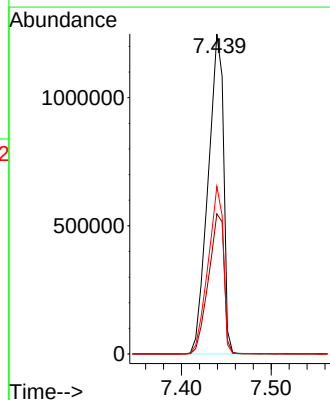
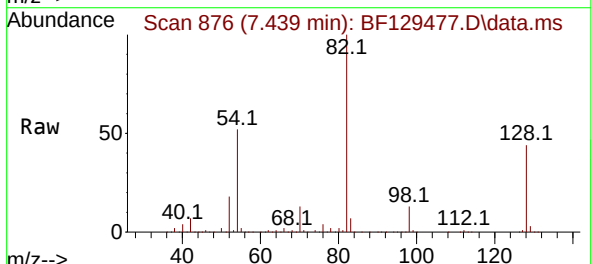
Instrument :
BNA_F
ClientSampleId :
PB146602BL

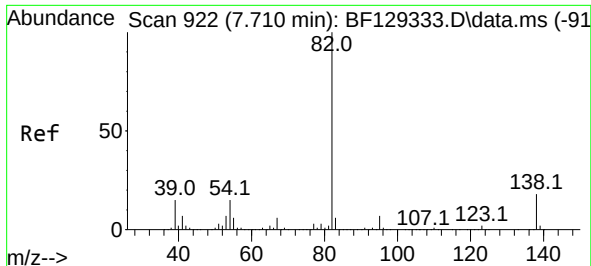
Tgt Ion:136 Resp: 934938
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 7.5 11.3
68 5.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.328 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

Tgt Ion: 82 Resp: 1495662
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 52.3 46.9 70.3

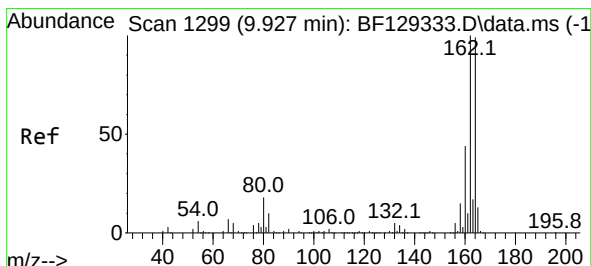
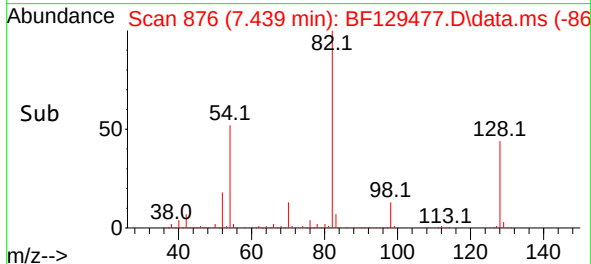
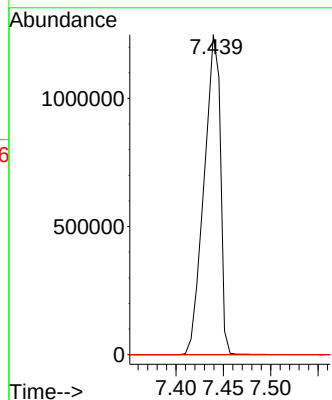
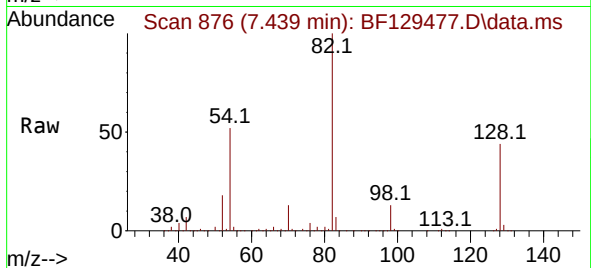




#25
Isophorone
Concen: 48.718 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

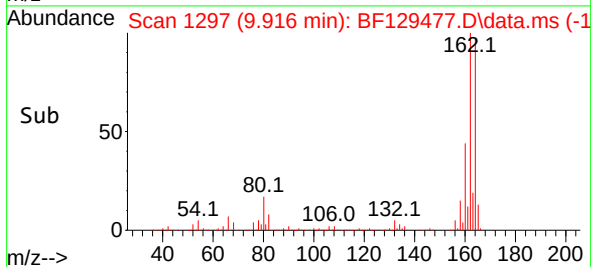
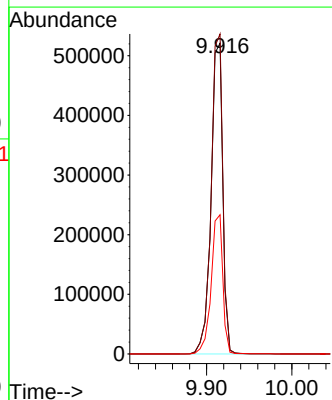
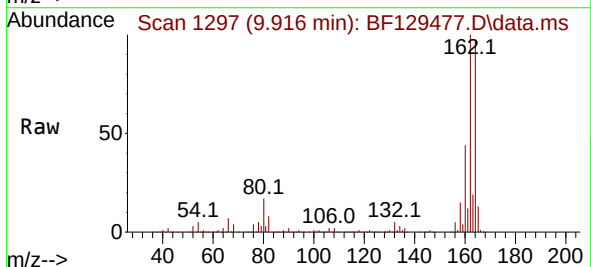
Instrument :
BNA_F
ClientSampleId :
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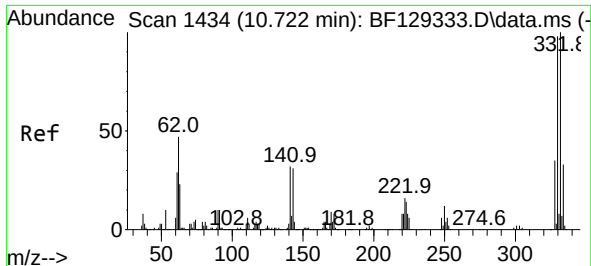
Tgt Ion: 82 Resp: 1495637
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

Tgt Ion:164 Resp: 498260
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.8 34.2 51.4

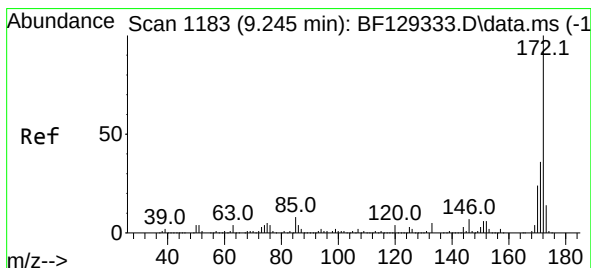
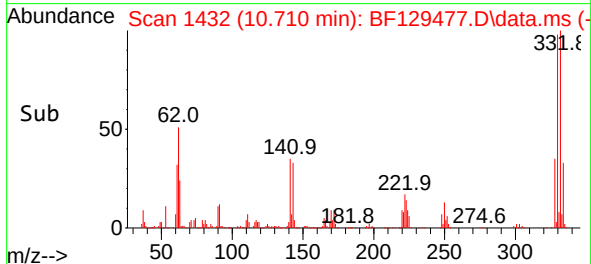
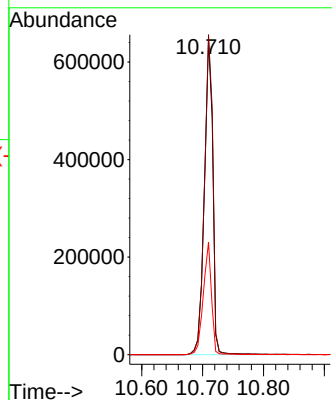
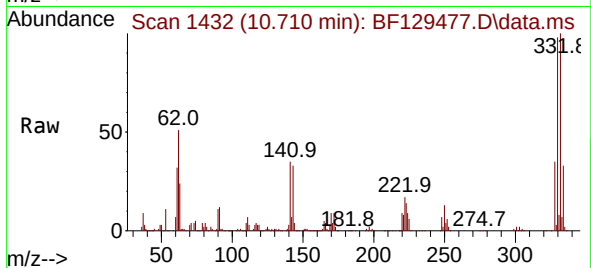




#42
2,4,6-Tribromophenol
Concen: 130.277 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

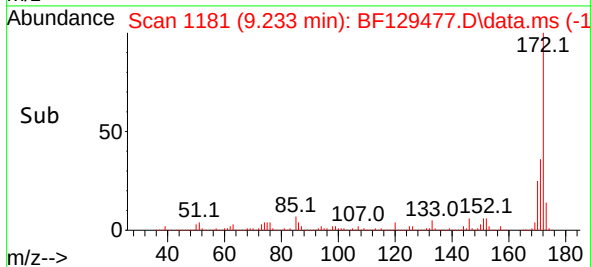
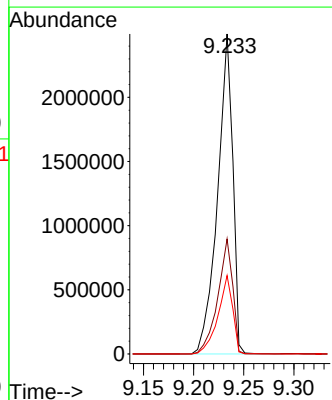
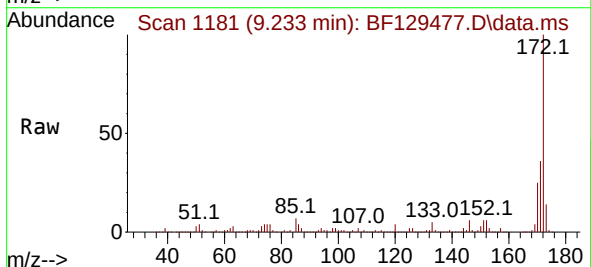
Instrument :
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ClientSampleId :
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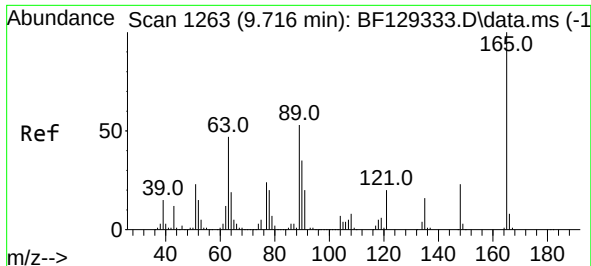
Tgt Ion:330 Resp: 624079
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 34.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.614 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

Tgt Ion:172 Resp: 2628737
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.395 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129477.D

Acq: 01 Aug 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB146602BL

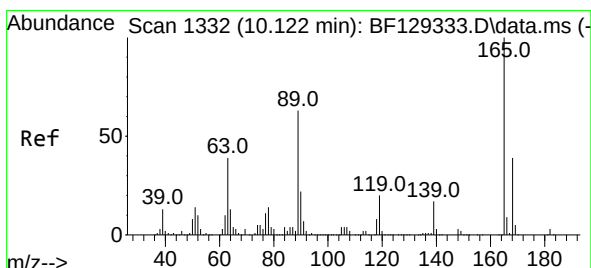
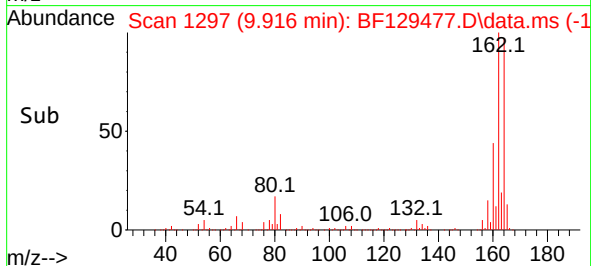
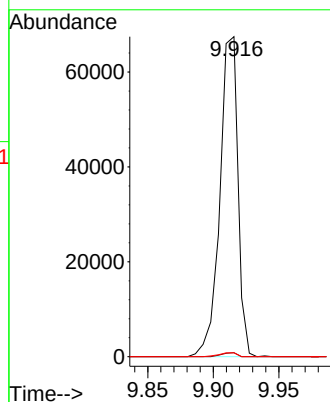
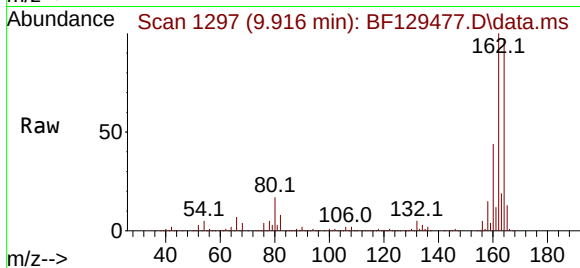
Tgt Ion:165 Resp: 64631

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.426 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129477.D

Acq: 01 Aug 2022 17:09

Tgt Ion:165 Resp: 64631

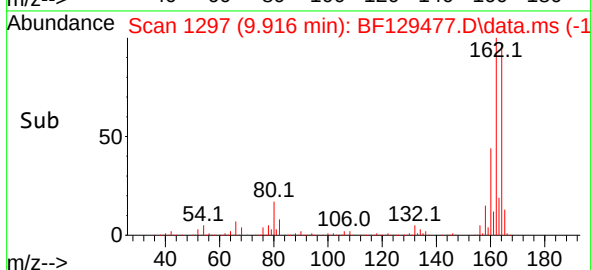
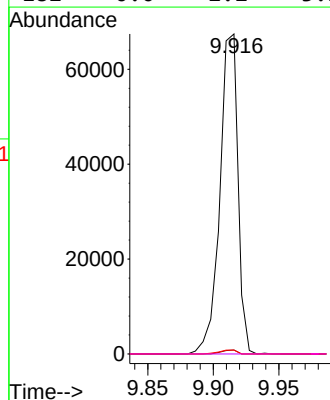
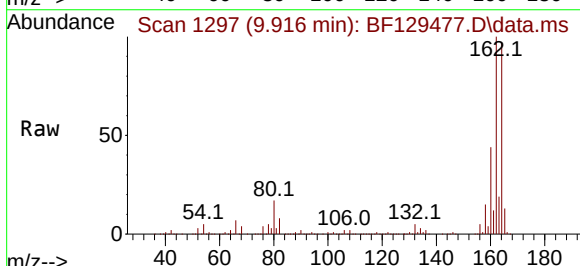
Ion Ratio Lower Upper

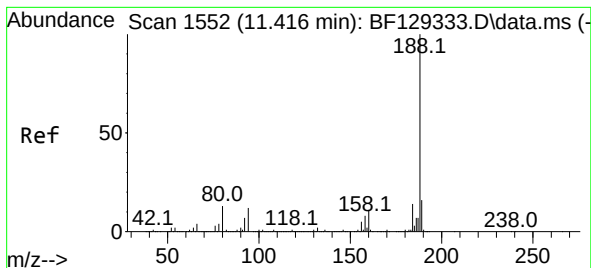
165 100

63 1.2 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: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129477.D

Acq: 01 Aug 2022 17:09

Instrument :

BNA_F

ClientSampleId :

PB146602BL

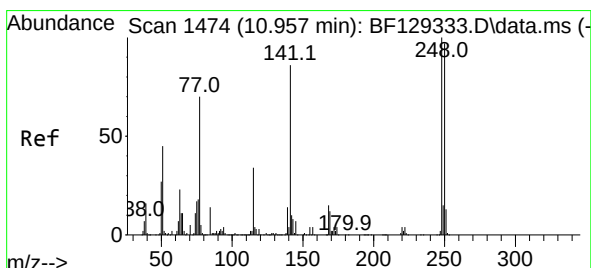
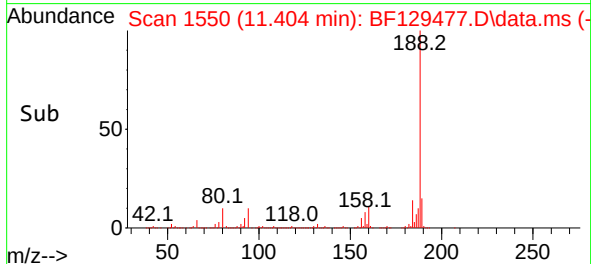
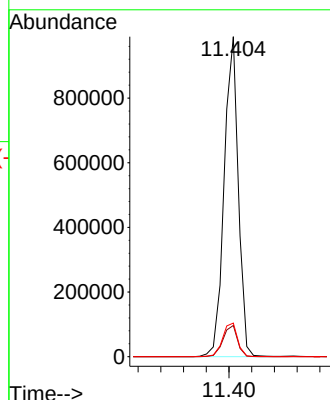
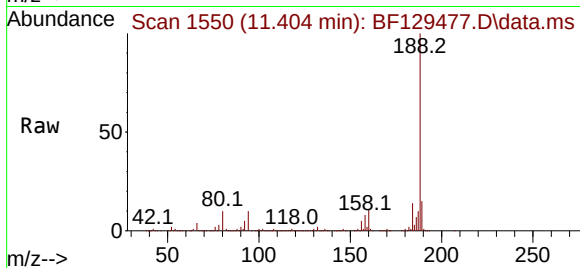
Tgt Ion:188 Resp: 858385

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.173 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.235 min

Lab File: BF129477.D

Acq: 01 Aug 2022 17:09

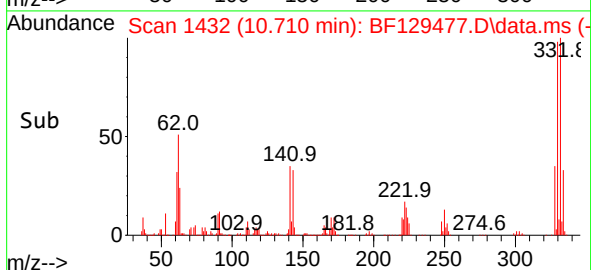
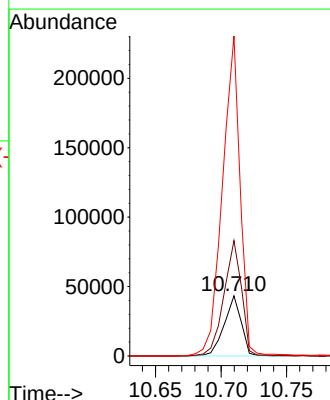
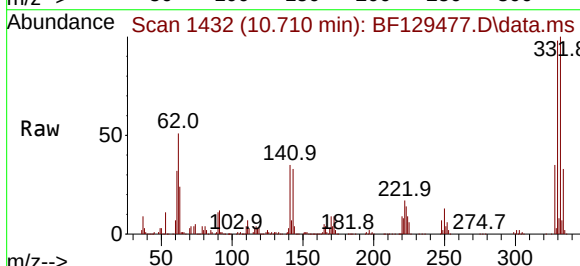
Tgt Ion:248 Resp: 39222

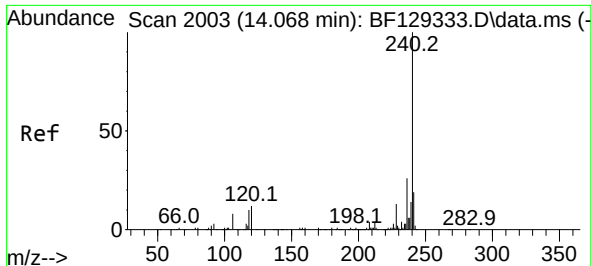
Ion Ratio Lower Upper

248 100

250 191.6 80.6 120.8#

141 531.6 58.9 88.3#

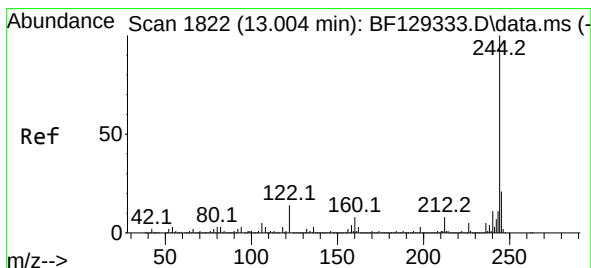
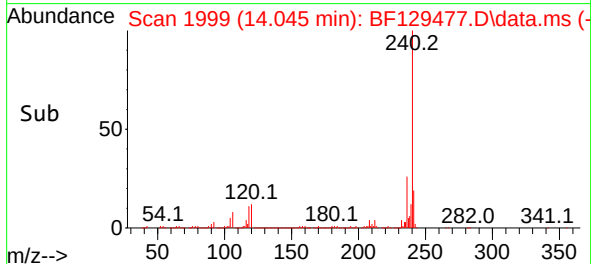
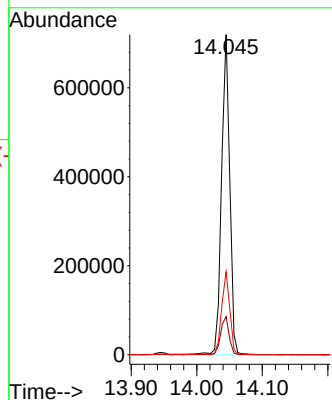
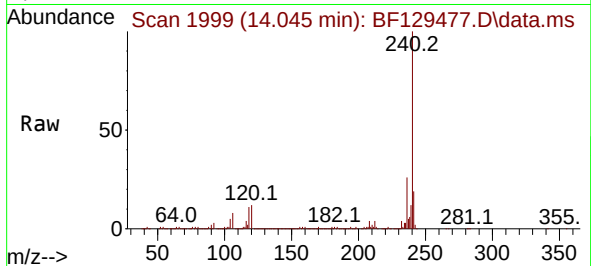




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

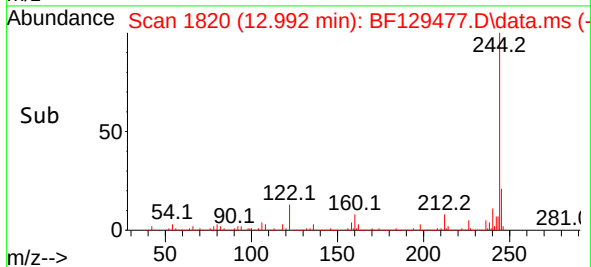
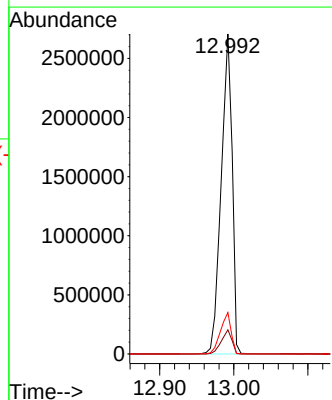
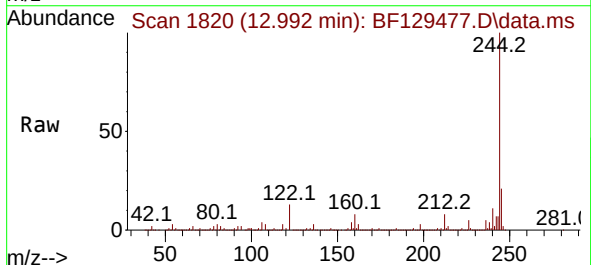
Instrument :
BNA_F
ClientSampleId :
PB146602BL

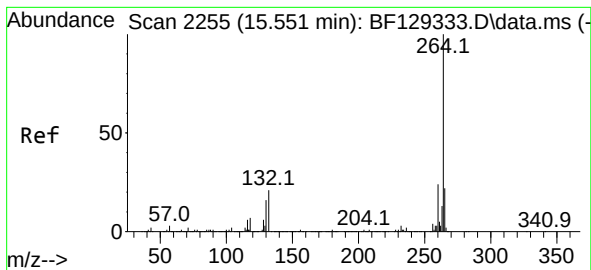
Tgt Ion:240 Resp: 618265
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 84.883 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF129477.D
Acq: 01 Aug 2022 17:09

Tgt Ion:244 Resp: 2781775
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129477.D
 Acq: 01 Aug 2022 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB146602BL

Tgt Ion:264 Resp: 532874
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.8 17.2 25.8

