

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129499.D
 Acq On : 02 Aug 2022 10:23
 Operator : CG\JU
 Sample : PB146585BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146585BL

Quant Time: Aug 02 17:34:49 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)

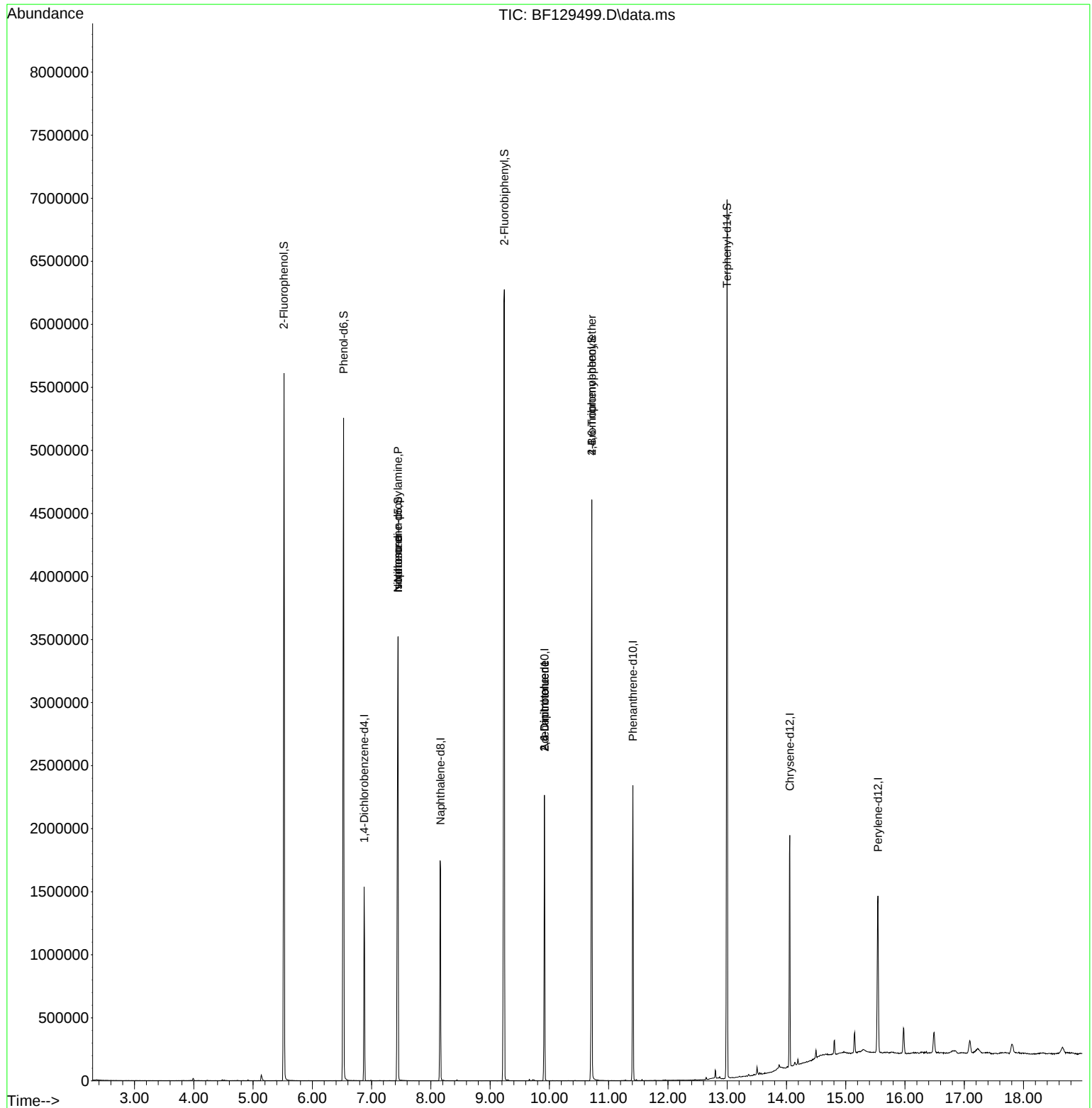
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	208550	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	860801	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	454046	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	794965	20.000	ng	0.00
76) Chrysene-d12	14.057	240	631233	20.000	ng	0.00
86) Perylene-d12	15.545	264	519374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1541273	120.390	ng	0.02
7) Phenol-d6	6.528	99	1961584	121.900	ng	0.00
23) Nitrobenzene-d5	7.445	82	1304166	82.705	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	528788	121.134	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2281106	77.718	ng	0.00
79) Terphenyl-d14	12.998	244	2583339	77.209	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	175620	18.027	ng	# 72
25) Isophorone	7.445	82	1304144	46.139	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	58998	8.410	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	58998	6.438	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	34004	3.906	ng	# 1

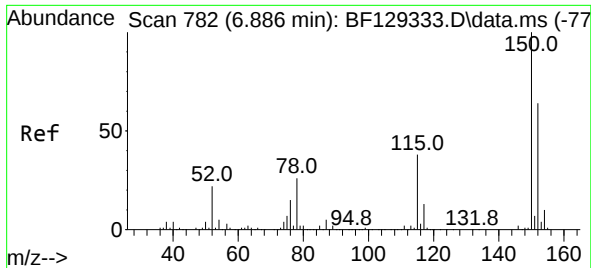
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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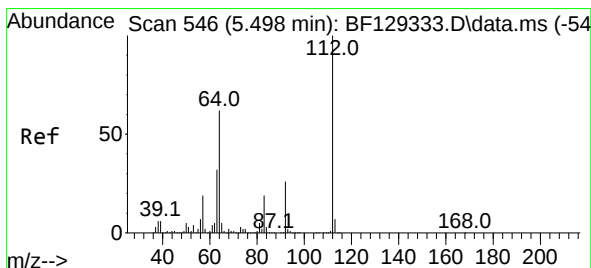
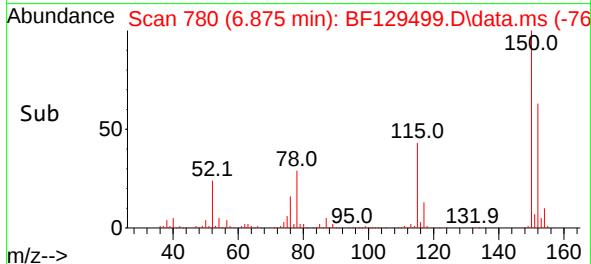
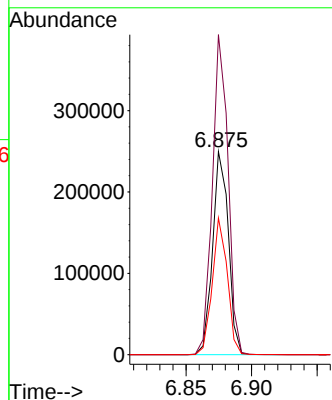
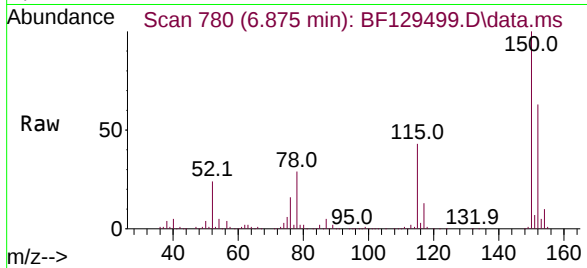




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129499.D
 Acq: 02 Aug 2022 10:23

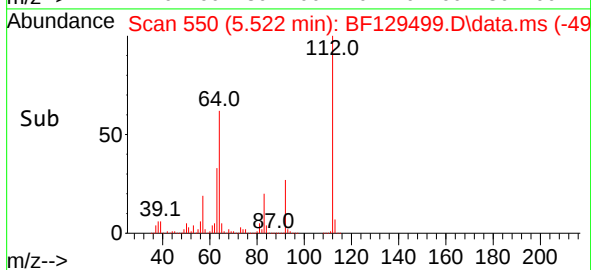
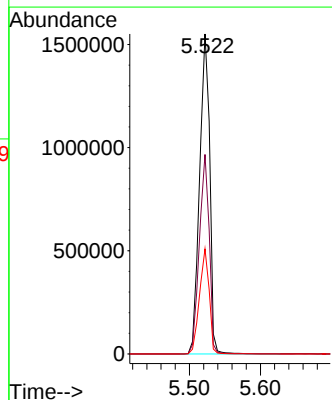
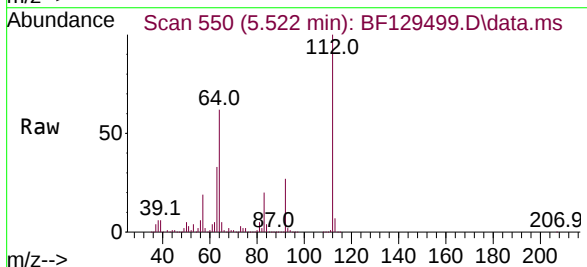
Instrument :
 BNA_F
 ClientSampleId :
 PB146585BL

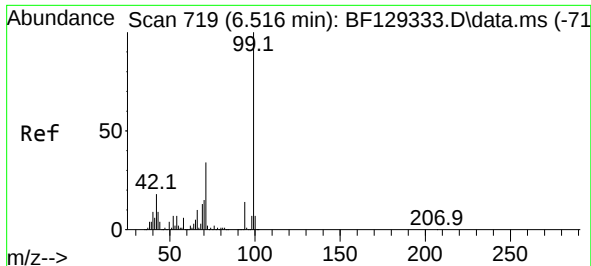
Tgt Ion:152 Resp: 208550
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 67.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 120.390 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.018 min
 Lab File: BF129499.D
 Acq: 02 Aug 2022 10:23

Tgt Ion:112 Resp: 1541273
 Ion Ratio Lower Upper
 112 100
 64 62.4 53.3 79.9
 63 32.8 28.0 42.0

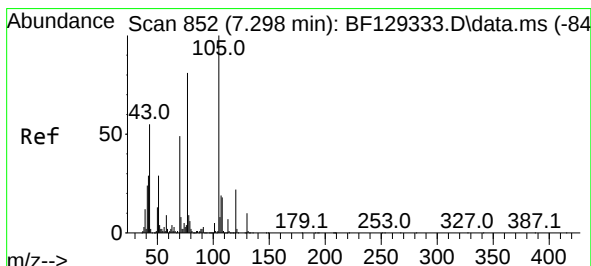
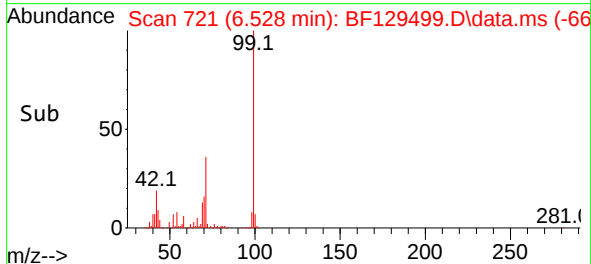
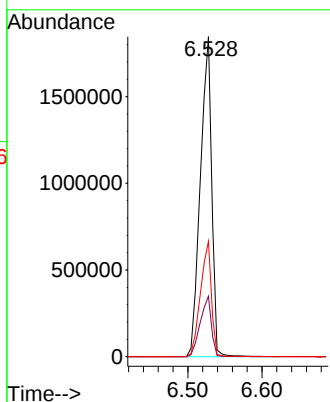
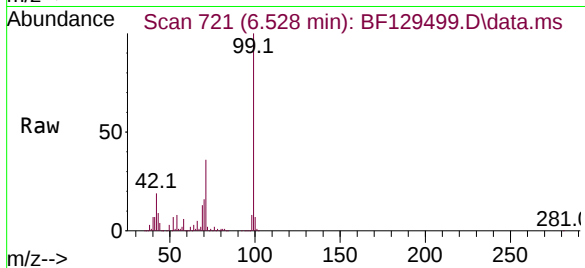




#7
Phenol-d6
Concen: 121.900 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

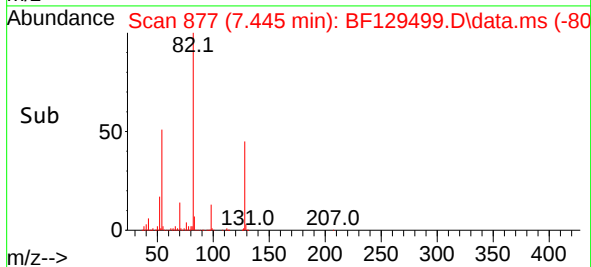
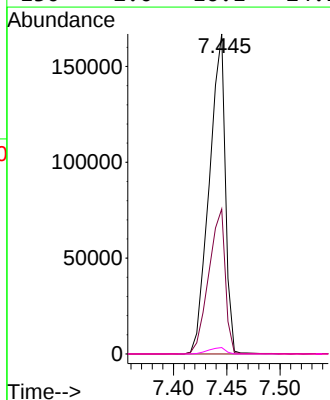
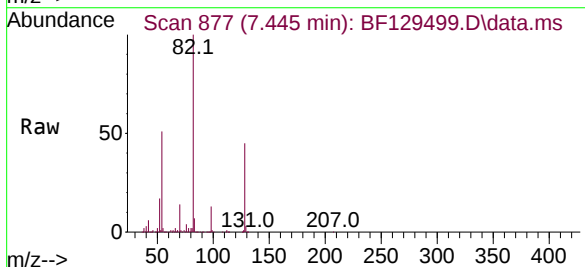
Instrument :
BNA_F
ClientSampleId :
PB146585BL

Tgt Ion: 99 Resp: 1961584
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.027 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

Tgt Ion: 70 Resp: 175620
Ion Ratio Lower Upper
70 100
42 45.3 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. -0.000 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Instrument :

BNA_F

ClientSampleId :

PB146585BL

Tgt Ion:136 Resp: 860801

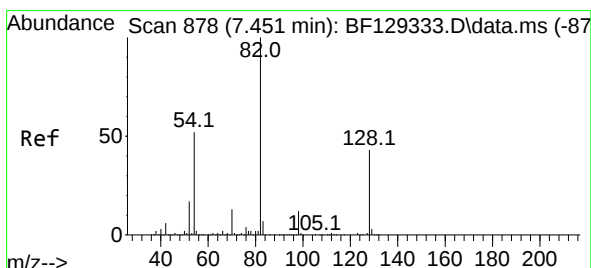
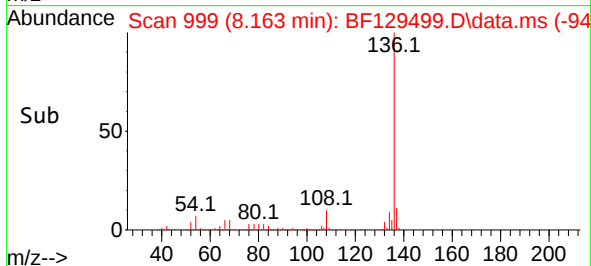
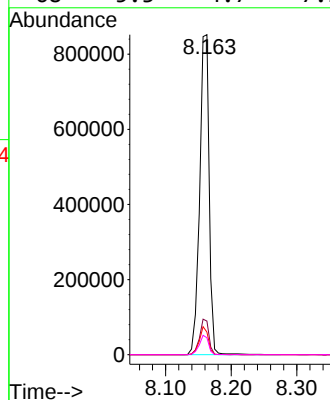
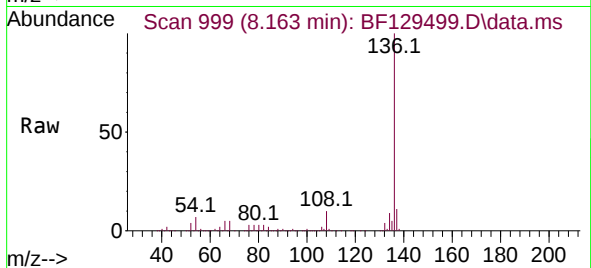
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.1 7.5 11.3

68 5.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.705 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.000 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

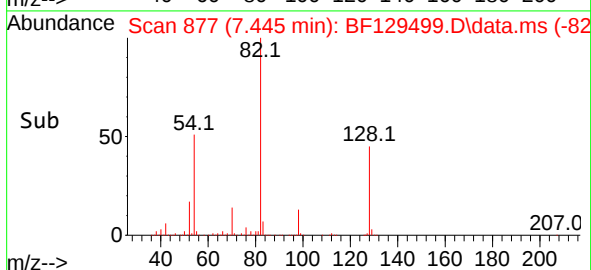
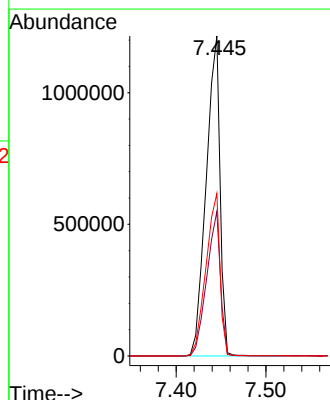
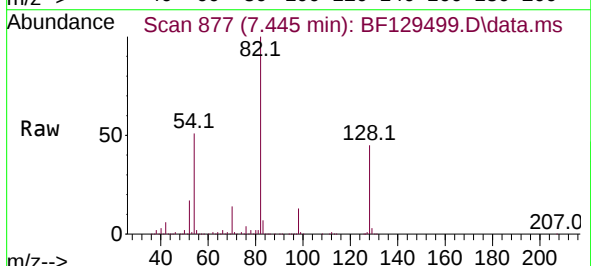
Tgt Ion: 82 Resp: 1304166

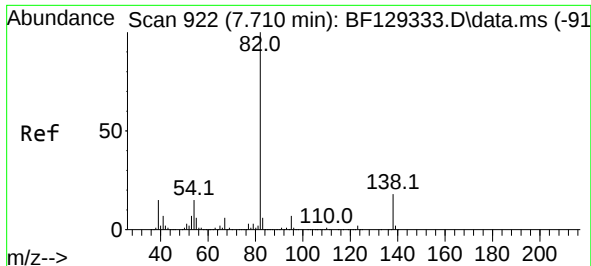
Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

54 50.7 46.9 70.3

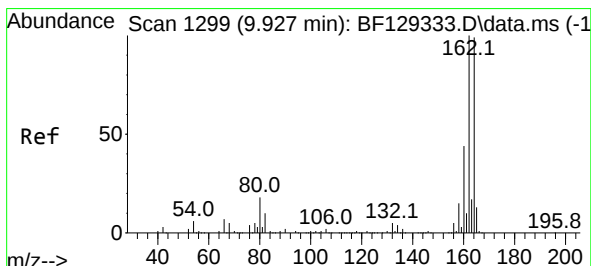
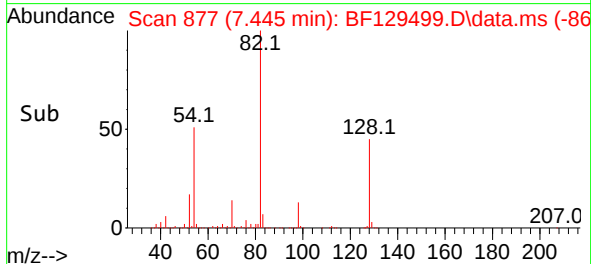
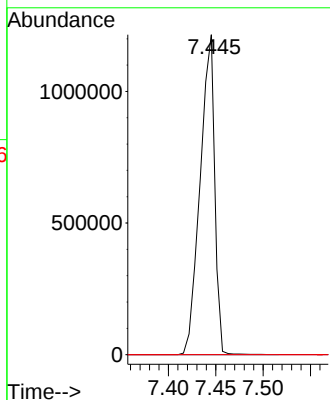
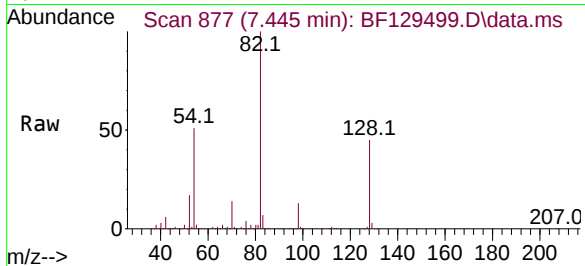




#25
Isophorone
Concen: 46.139 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

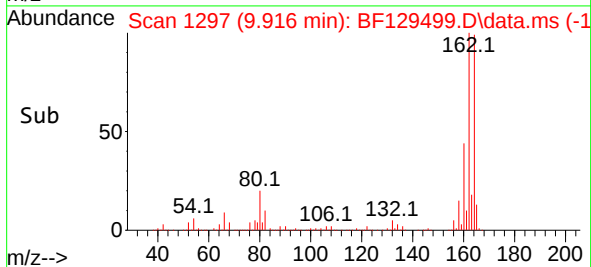
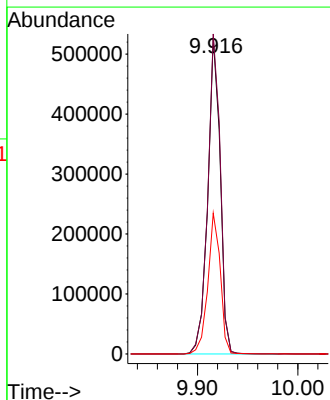
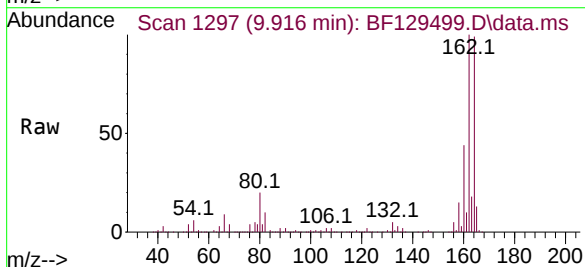
Instrument :
BNA_F
ClientSampleId :
PB146585BL

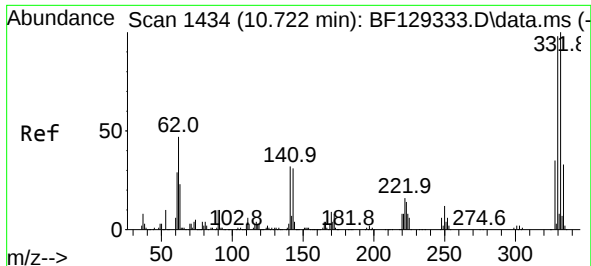
Tgt Ion: 82 Resp: 1304144
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

Tgt Ion:164 Resp: 454046
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 121.134 ng

RT: 10.716 min Scan# 1434

Delta R.T. 0.006 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Instrument :

BNA_F

ClientSampleId :

PB146585BL

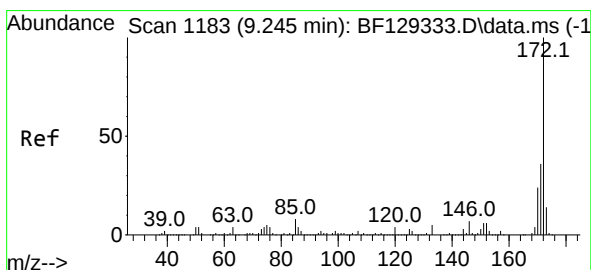
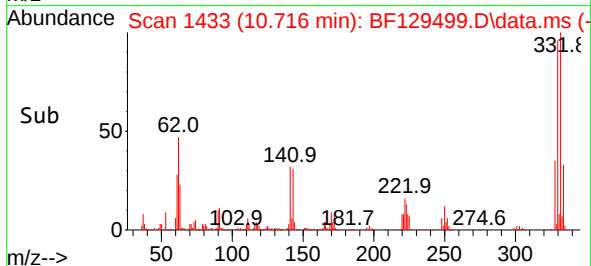
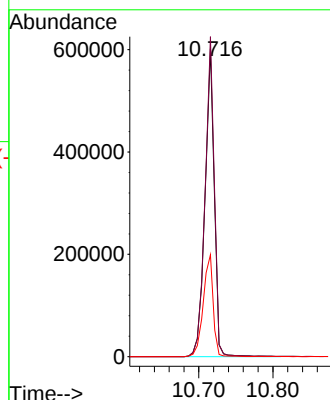
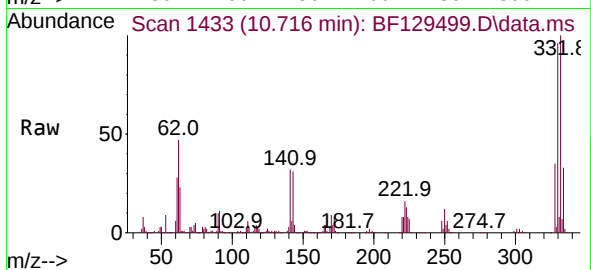
Tgt Ion:330 Resp: 528788

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.718 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

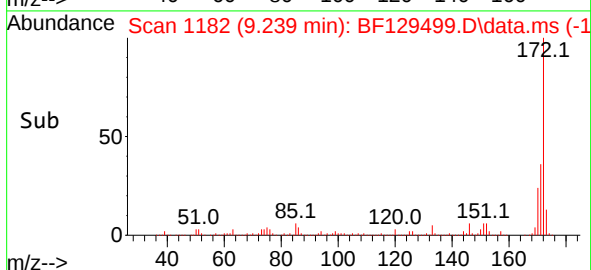
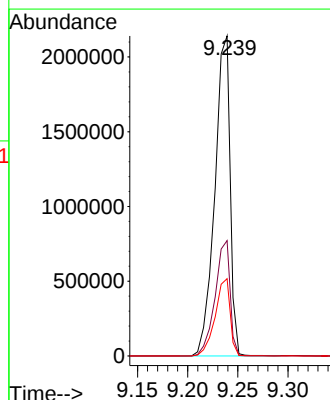
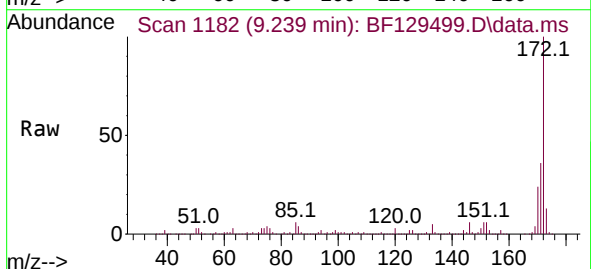
Tgt Ion:172 Resp: 2281106

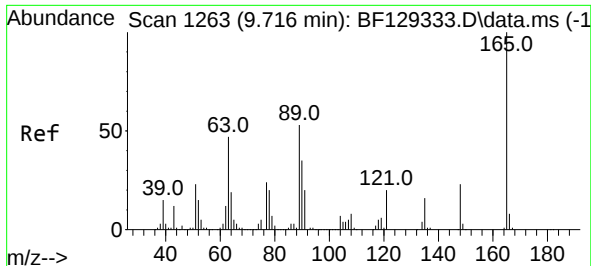
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 19.8 29.8

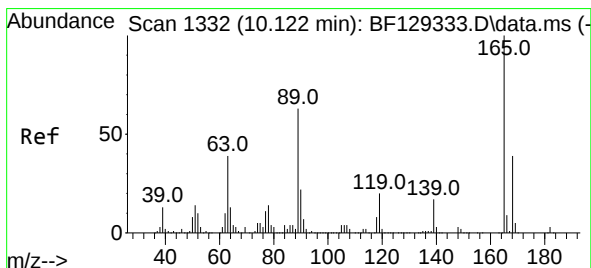
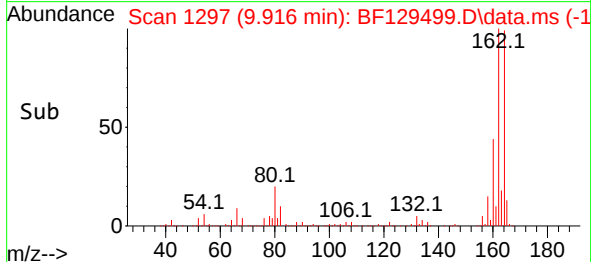
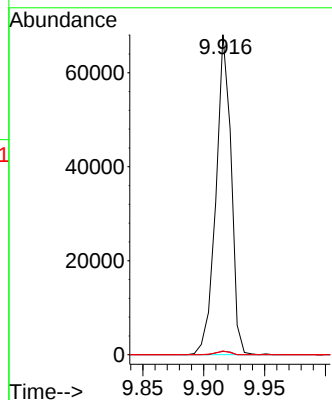
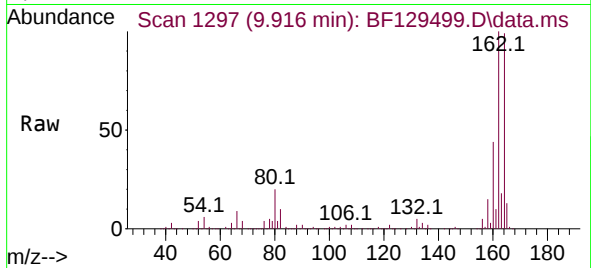




#51
2,6-Dinitrotoluene
Concen: 8.410 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.212 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

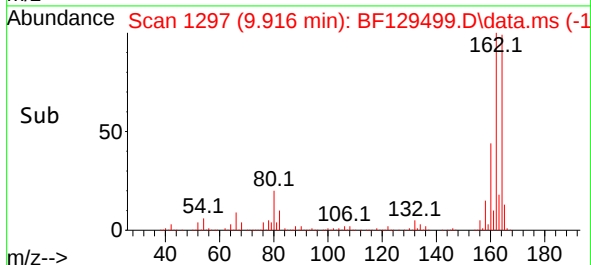
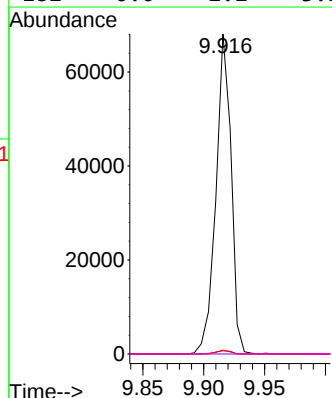
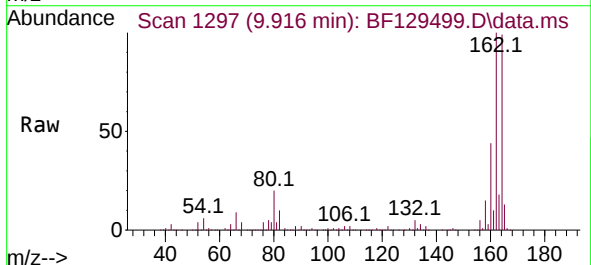
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BNA_F
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PB146585BL

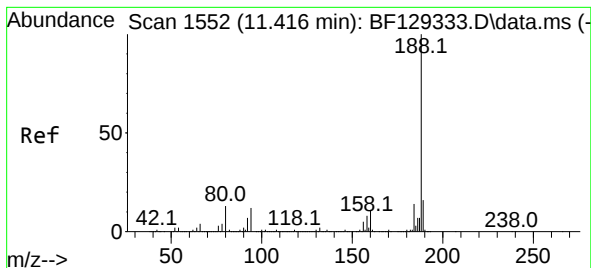
Tgt Ion:165 Resp: 58998
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.194 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

Tgt Ion:165 Resp: 58998
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.410 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Instrument :

BNA_F

ClientSampleId :

PB146585BL

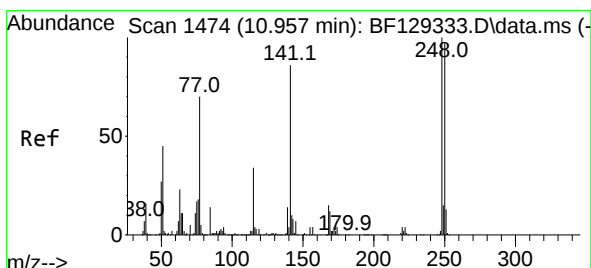
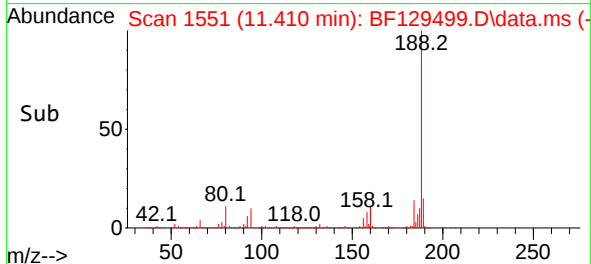
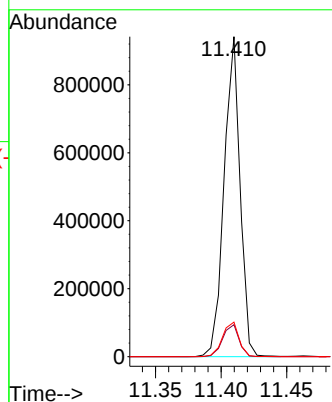
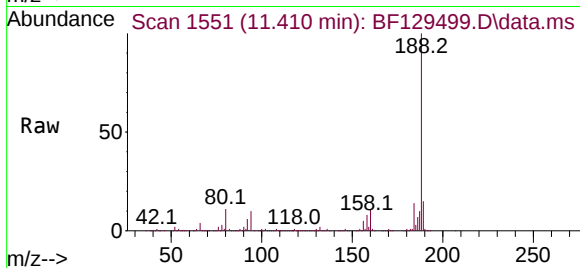
Tgt Ion:188 Resp: 794965

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.906 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.230 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

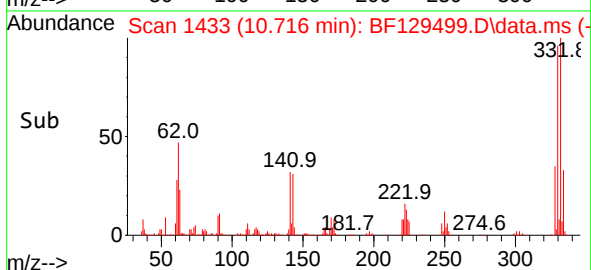
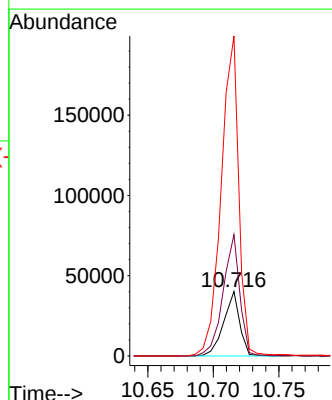
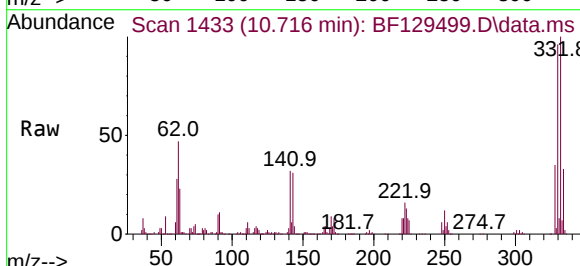
Tgt Ion:248 Resp: 34004

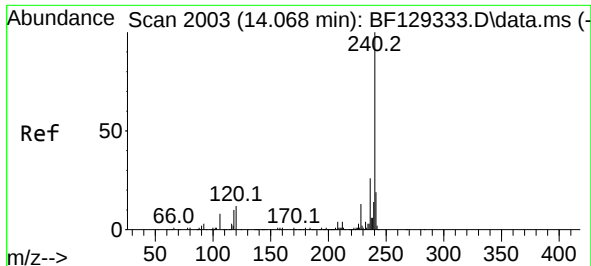
Ion Ratio Lower Upper

248 100

250 188.2 80.6 120.8#

141 496.7 58.9 88.3#

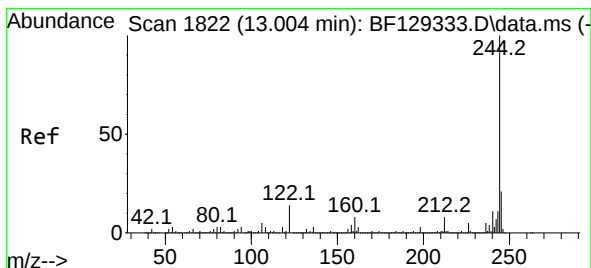
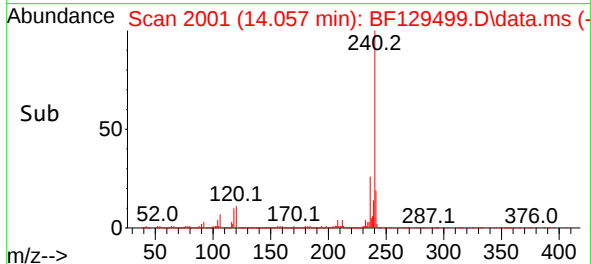
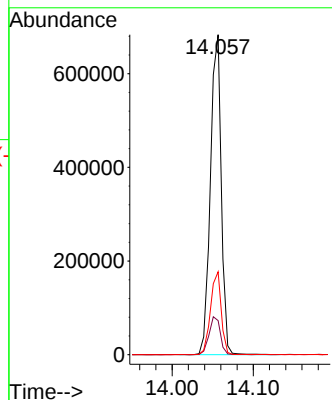
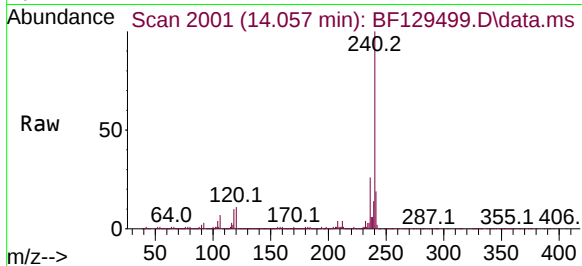




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

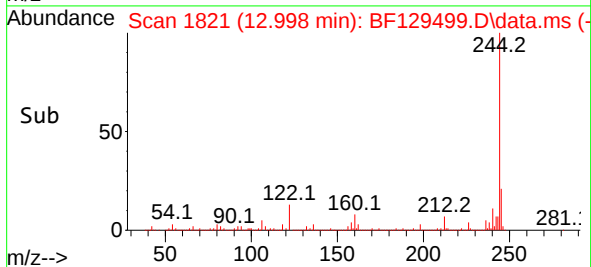
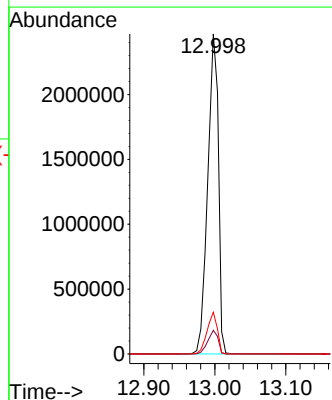
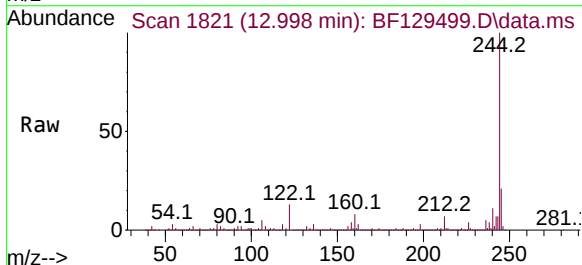
Instrument :
BNA_F
ClientSampleId :
PB146585BL

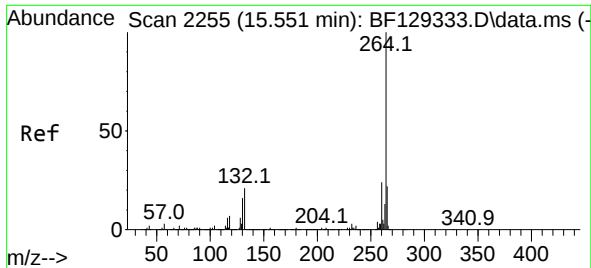
Tgt Ion:240 Resp: 631233
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 77.209 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.012 min
Lab File: BF129499.D
Acq: 02 Aug 2022 10:23

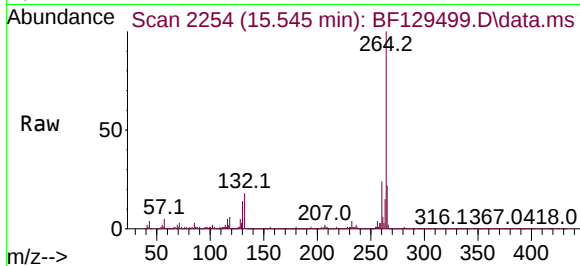
Tgt Ion:244 Resp: 2583339
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF129499.D
 Acq: 02 Aug 2022 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB146585BL



Tgt Ion:264 Resp: 519374
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.8 17.2 25.8

