

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129718.D
 Acq On : 11 Aug 2022 16:41
 Operator : CG\JU
 Sample : PB146619BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146619BL

Quant Time: Aug 11 23:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

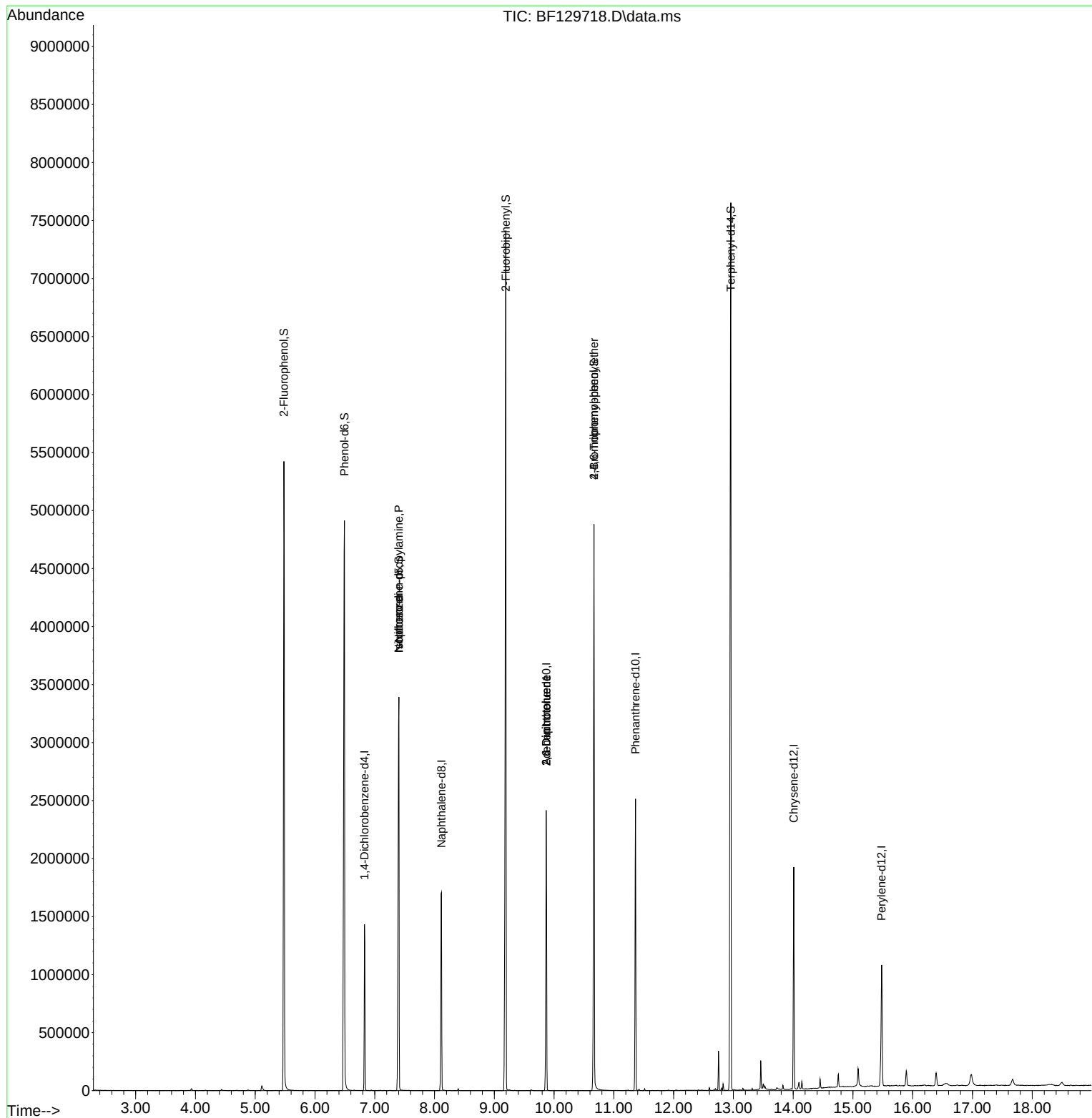
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	216074	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	893209	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	490095	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	868764	20.000	ng	0.00
76) Chrysene-d12	14.010	240	599034	20.000	ng	-0.01
86) Perylene-d12	15.480	264	452422	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1643653	123.916	ng	0.01
7) Phenol-d6	6.492	99	2075184	124.469	ng	0.00
23) Nitrobenzene-d5	7.404	82	1398878	85.493	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	630060	133.717	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2577991	81.372	ng	0.00
79) Terphenyl-d14	12.957	244	2997699	94.409	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	187854	18.612	ng	# 72
25) Isophorone	7.404	82	1394052	47.530	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	65352	8.630	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	65352	6.606	ng	# 21
67) 4-Bromophenyl-phenylether	10.669	248	38961	4.095	ng	# 1

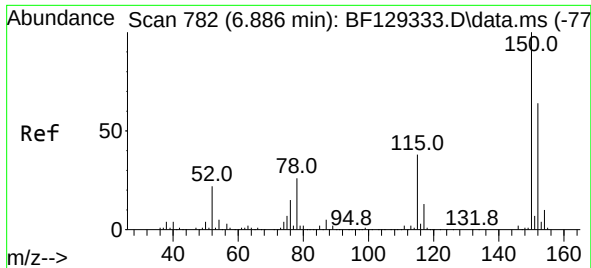
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 11 23:50:03 2022
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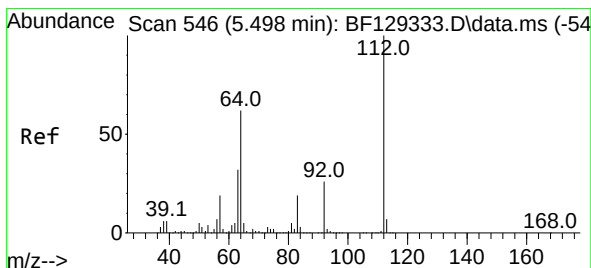
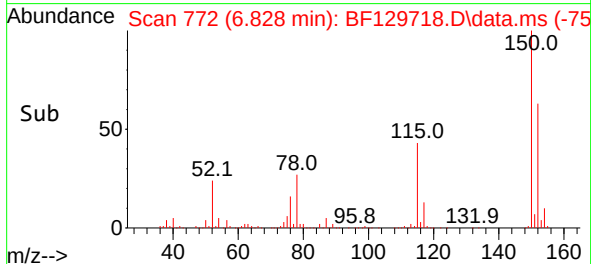
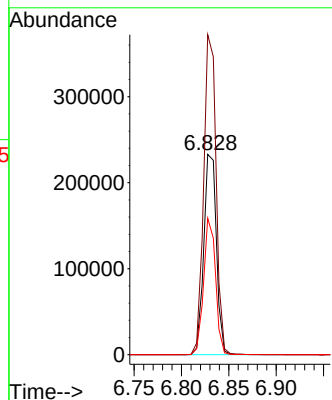
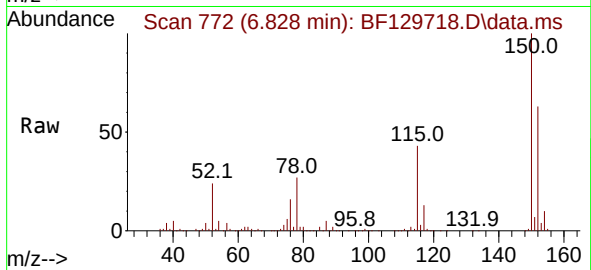




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

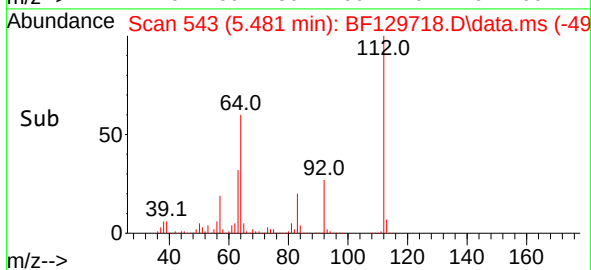
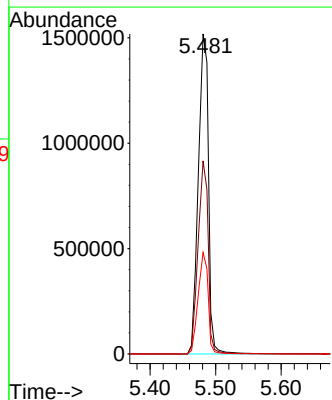
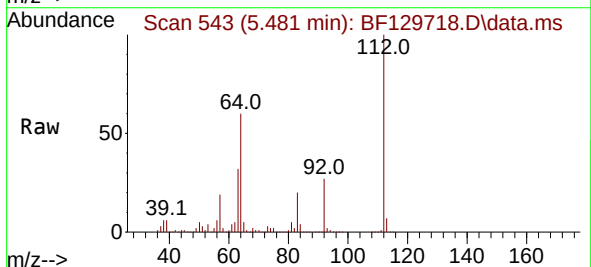
Instrument :
BNA_F
ClientSampleId :
PB146619BL

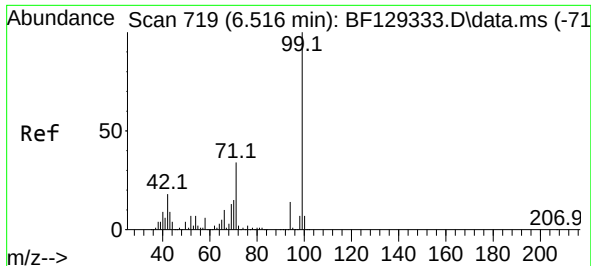
Tgt Ion:152 Resp: 216074
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 68.2 49.9 74.9



#5
2-Fluorophenol
Concen: 123.916 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion:112 Resp: 1643653
Ion Ratio Lower Upper
112 100
64 60.3 53.3 79.9
63 31.7 28.0 42.0

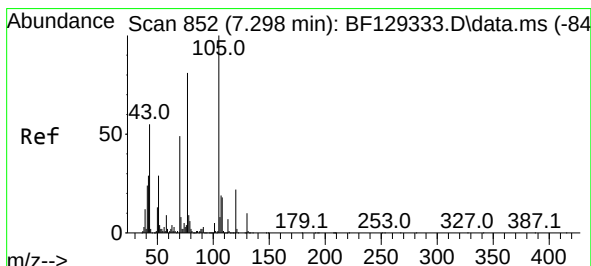
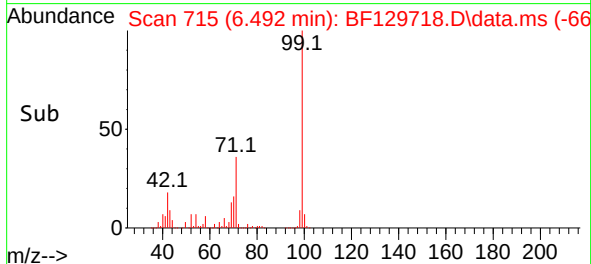
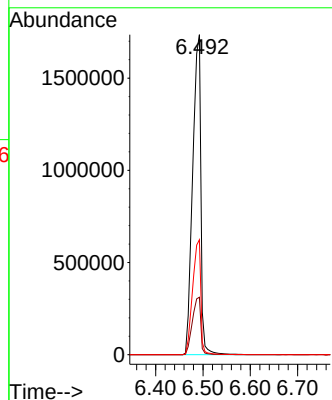
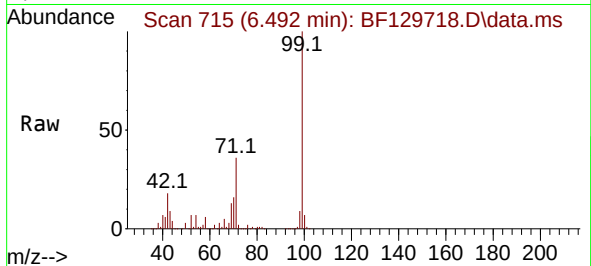




#7
Phenol-d6
Concen: 124.469 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

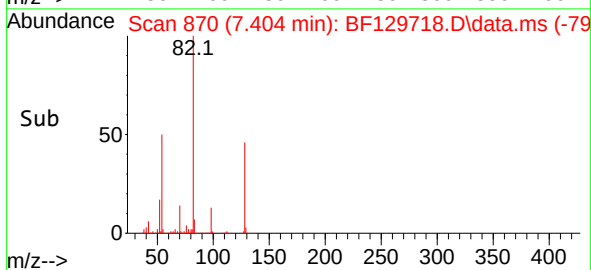
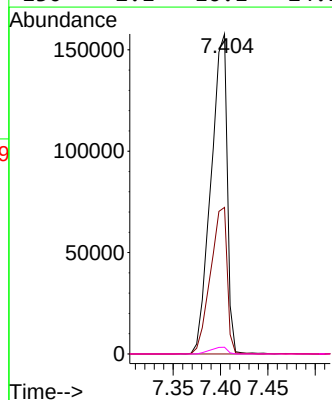
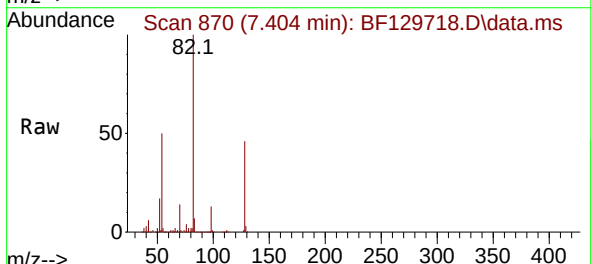
Instrument :
BNA_F
ClientSampleId :
PB146619BL

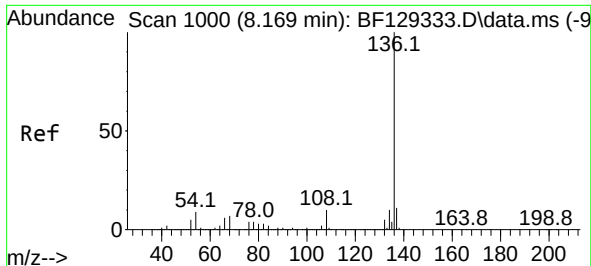
Tgt Ion: 99 Resp: 2075184
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.612 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion: 70 Resp: 187854
Ion Ratio Lower Upper
70 100
42 45.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

Instrument :

BNA_F

ClientSampleId :

PB146619BL

Tgt Ion:136 Resp: 893209

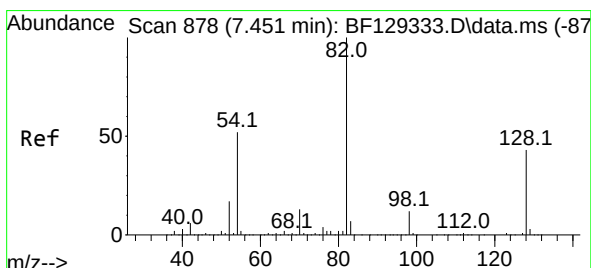
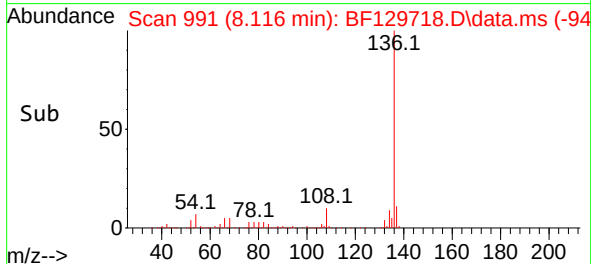
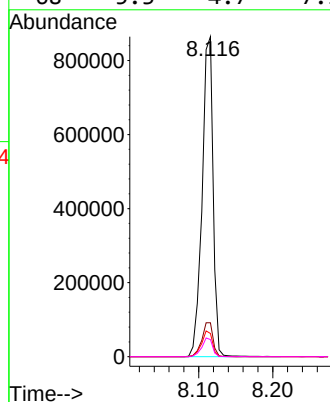
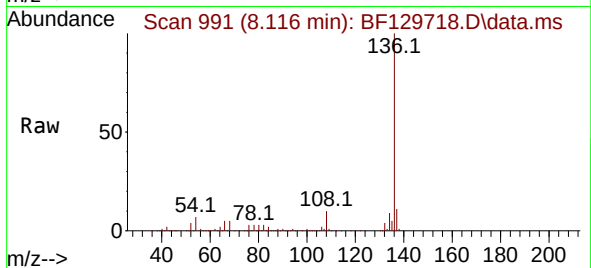
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.2 7.5 11.3#

68 5.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 85.493 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

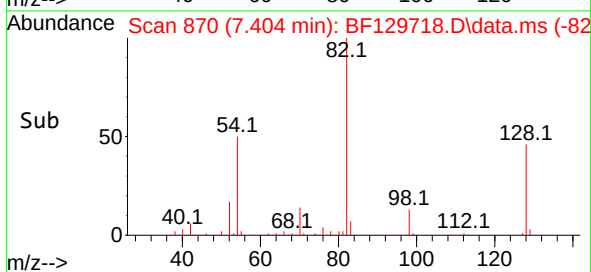
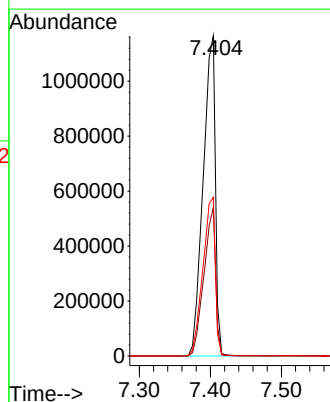
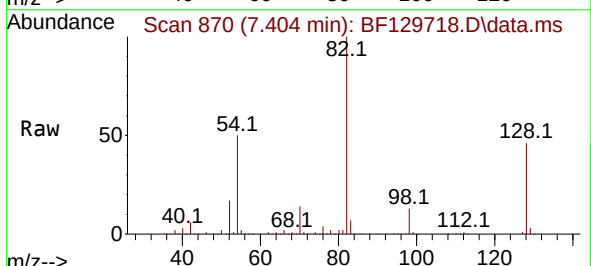
Tgt Ion: 82 Resp: 1398878

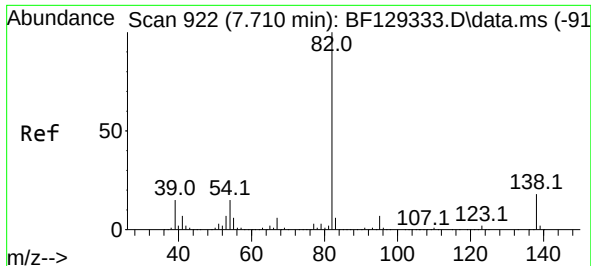
Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

54 49.5 46.9 70.3

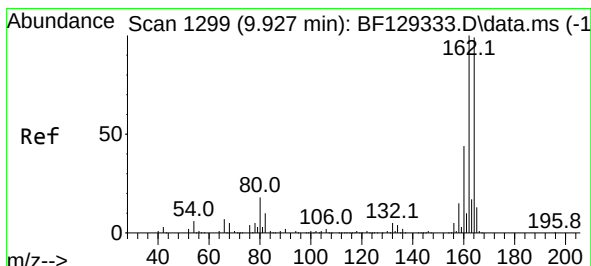
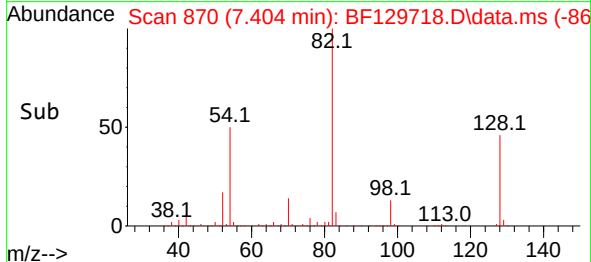
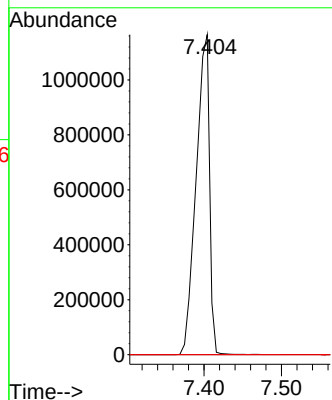
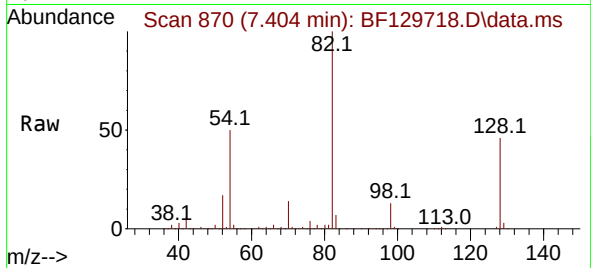




#25
Isophorone
Concen: 47.530 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

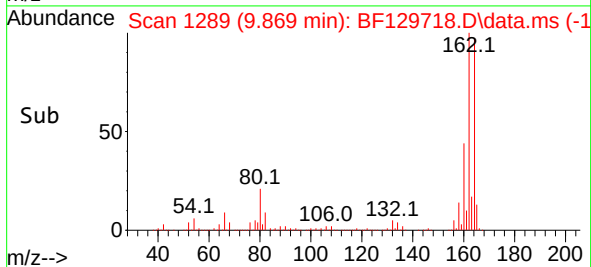
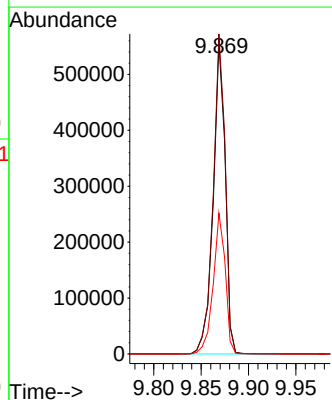
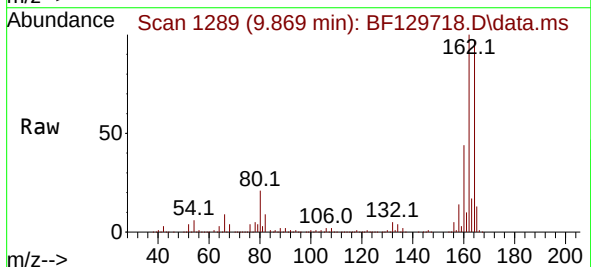
Instrument :
BNA_F
ClientSampleId :
PB146619BL

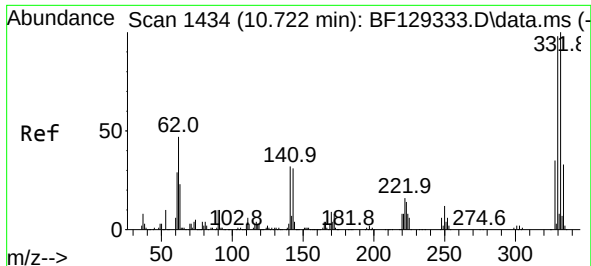
Tgt Ion: 82 Resp: 1394052
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion:164 Resp: 490095
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 133.717 ng

RT: 10.669 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

Instrument :

BNA_F

ClientSampleId :

PB146619BL

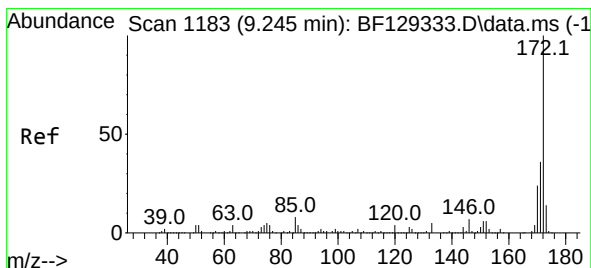
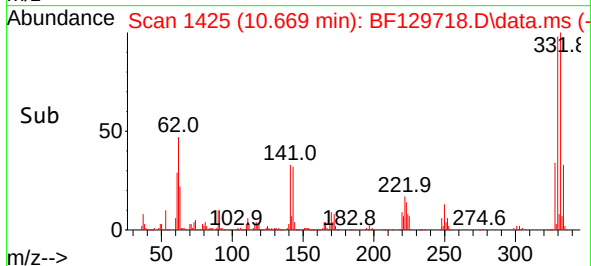
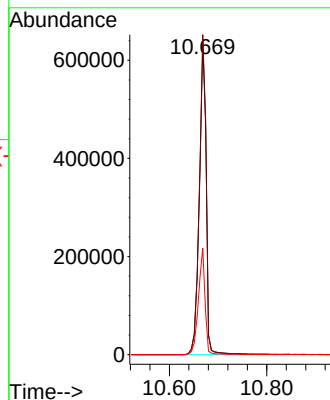
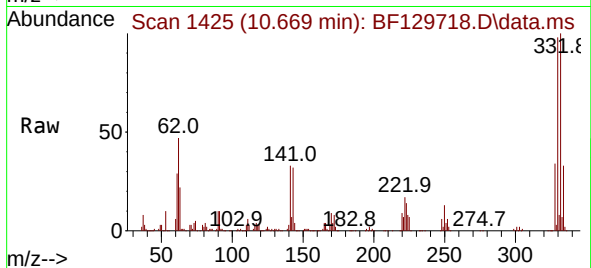
Tgt Ion:330 Resp: 630060

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.372 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

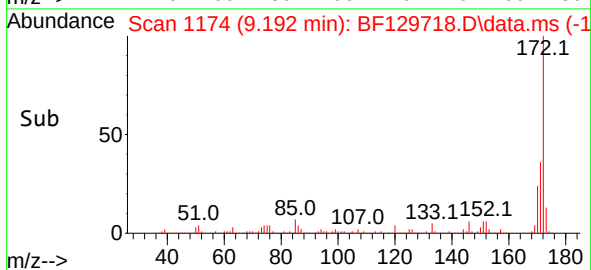
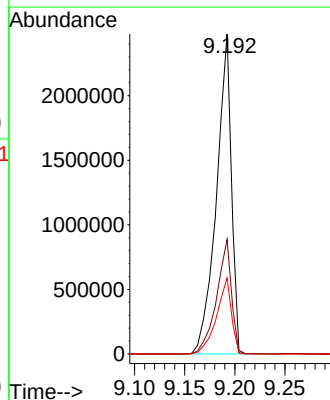
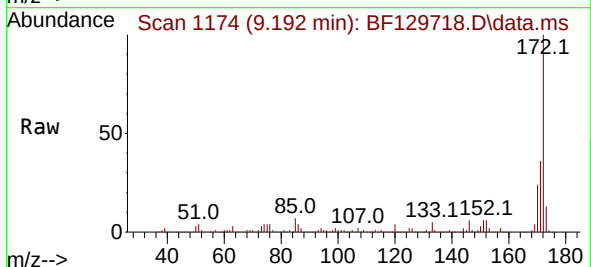
Tgt Ion:172 Resp: 2577991

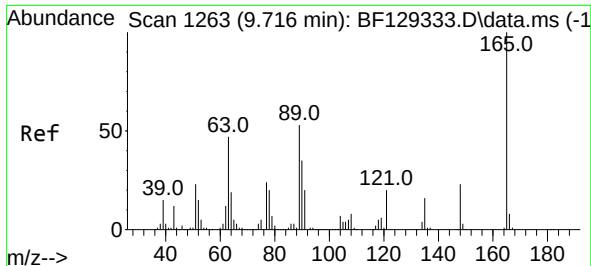
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.630 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

Instrument :

BNA_F

ClientSampleId :

PB146619BL

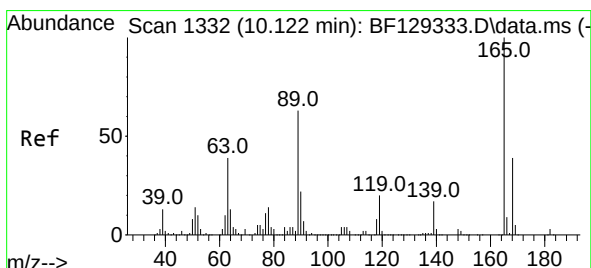
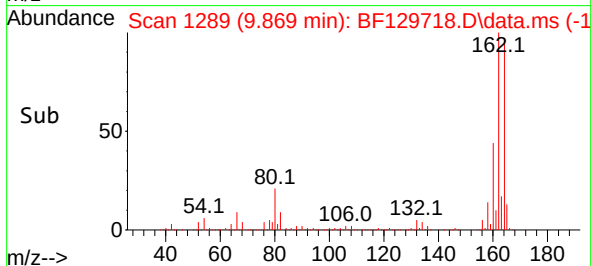
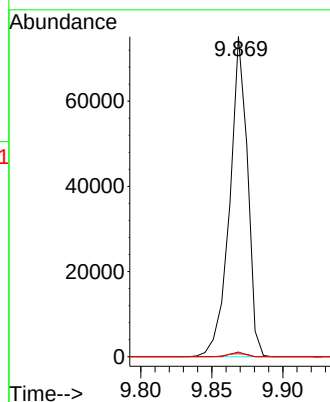
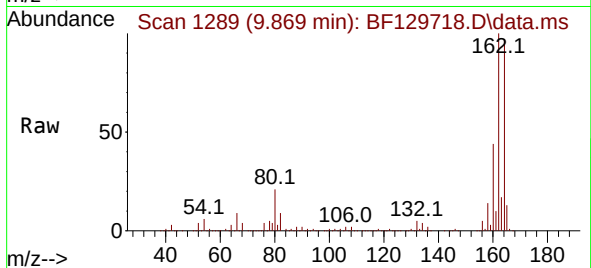
Tgt Ion:165 Resp: 65352

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.606 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

Tgt Ion:165 Resp: 65352

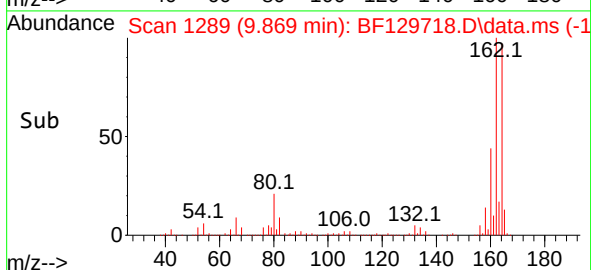
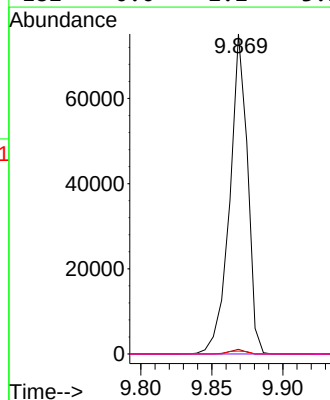
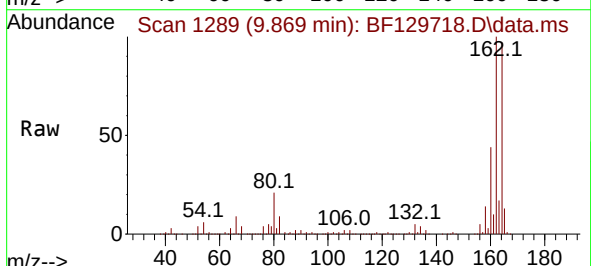
Ion Ratio Lower Upper

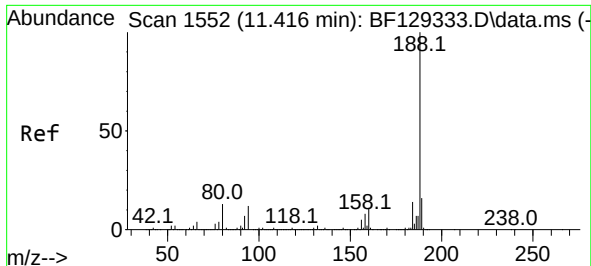
165 100

63 1.5 39.8 59.6#

89 0.9 60.2 90.2#

182 0.0 2.2 3.2#

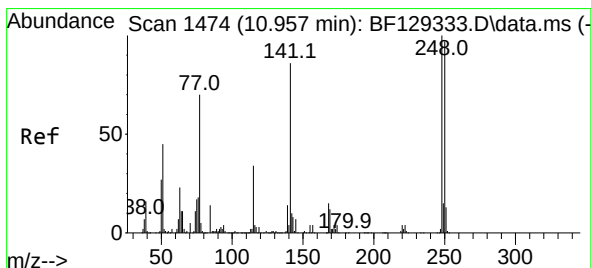
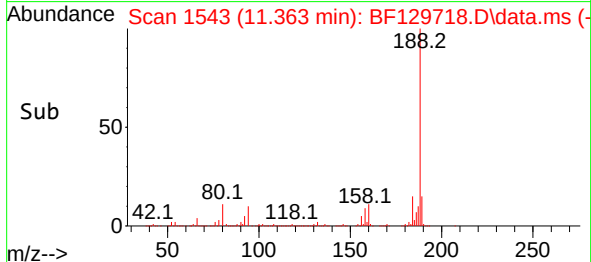
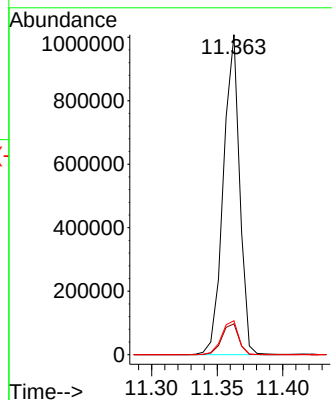
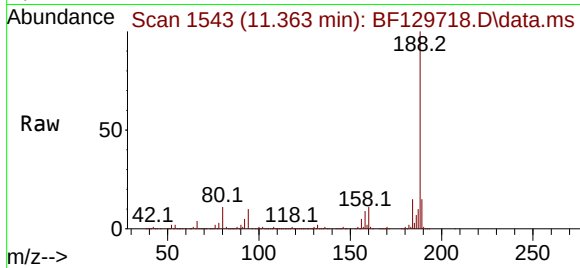




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

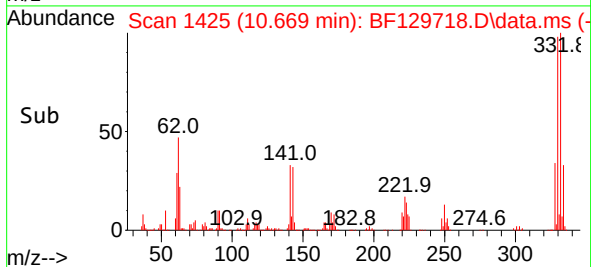
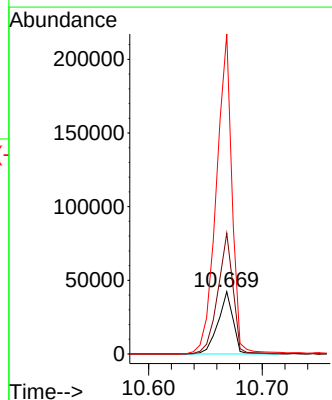
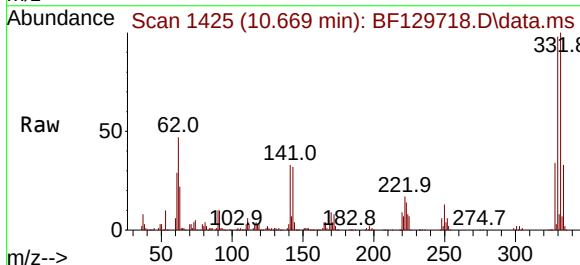
Instrument :
BNA_F
ClientSampleId :
PB146619BL

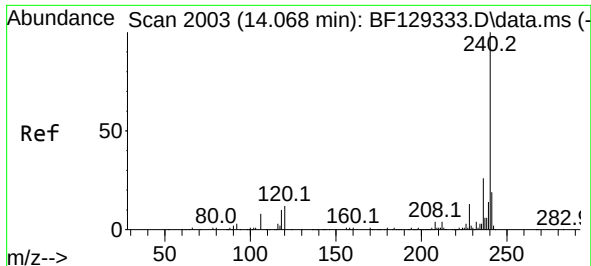
Tgt Ion:188 Resp: 868764
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.095 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.241 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion:248 Resp: 38961
Ion Ratio Lower Upper
248 100
250 193.9 80.6 120.8#
141 513.7 58.9 88.3#

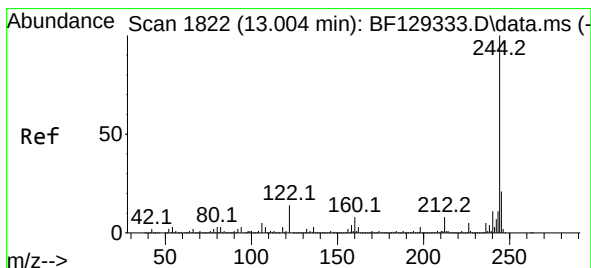
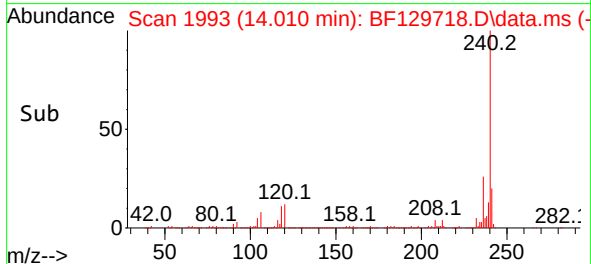
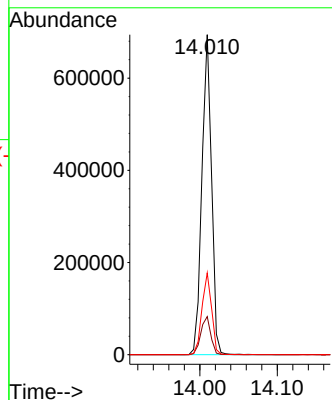
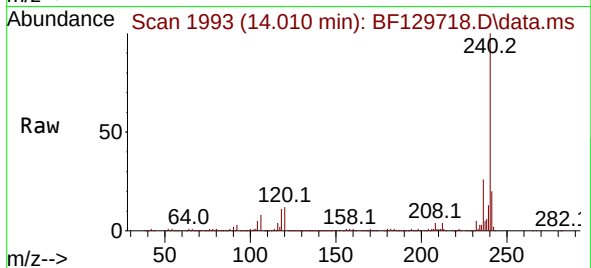




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

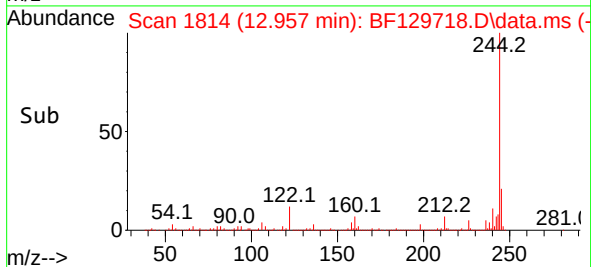
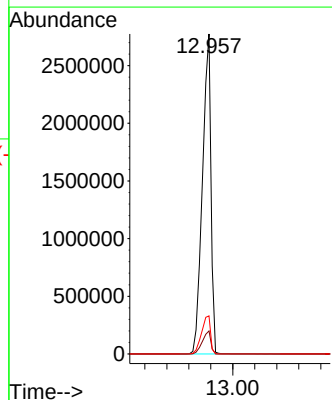
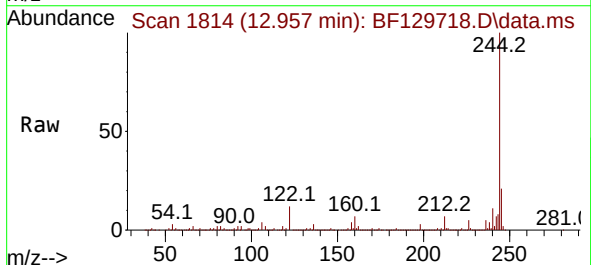
Instrument :
BNA_F
ClientSampleId :
PB146619BL

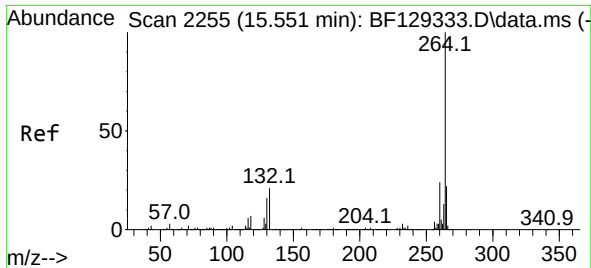
Tgt Ion:240 Resp: 599034
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 94.409 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

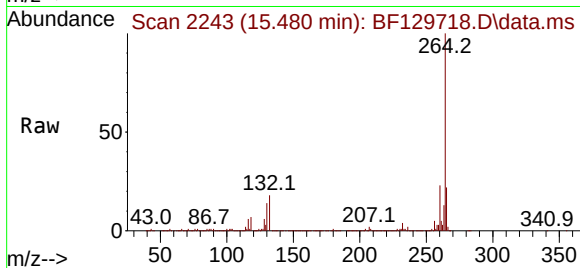
Tgt Ion:244 Resp: 2997699
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 11.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Instrument :
BNA_F
ClientSampleId :
PB146619BL



Tgt Ion:264 Resp: 452422

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.5	17.2	25.8

