

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129307.D
 Acq On : 22 Jul 2022 09:45
 Operator : CG\JU
 Sample : PB145953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145953BL

Quant Time: Jul 22 10:57:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

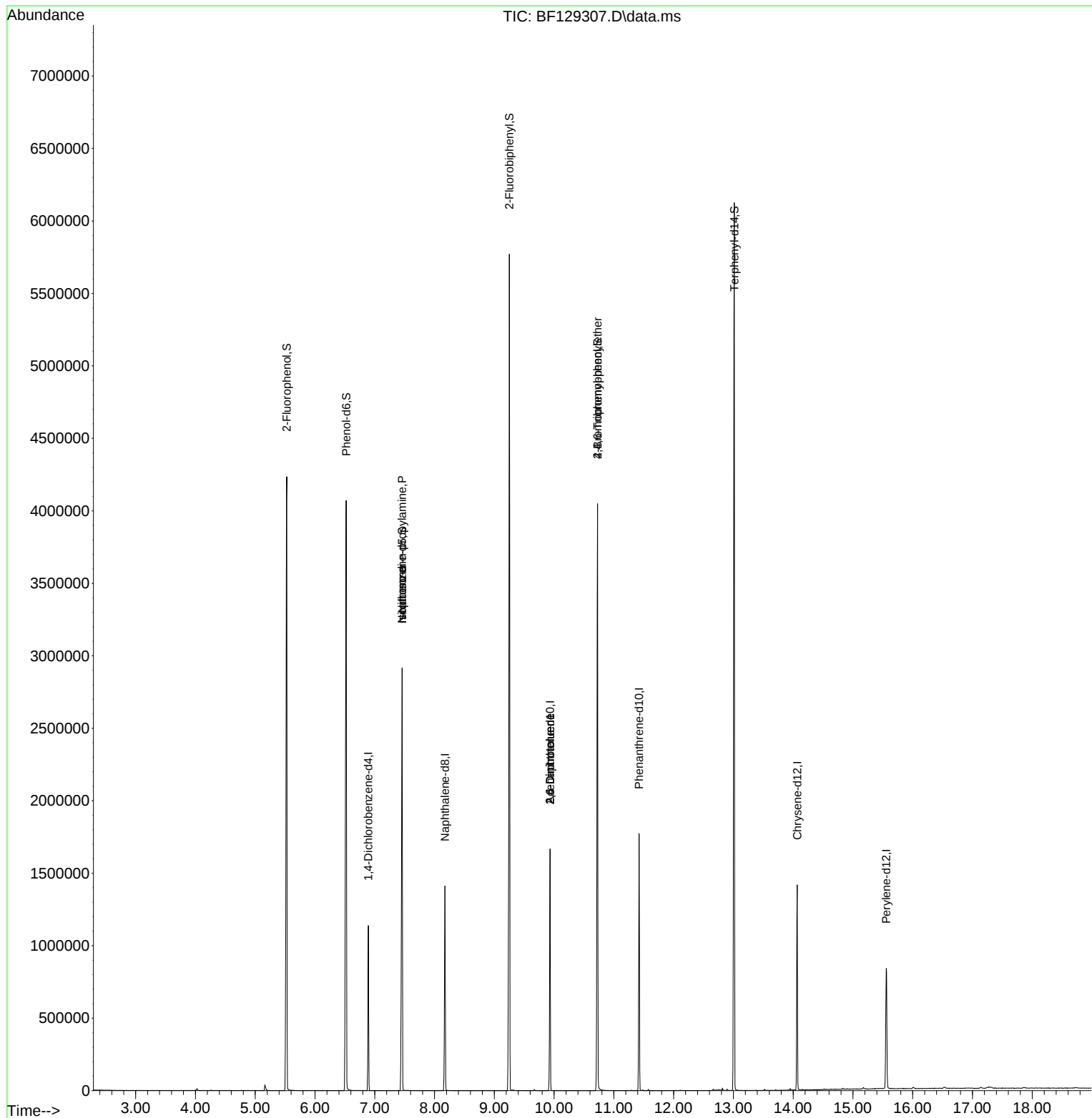
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	149560	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	611108	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	320339	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	576428	20.000	ng	0.00
76) Chrysene-d12	14.068	240	451133	20.000	ng	-0.01
86) Perylene-d12	15.556	264	376341	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1236300	134.826	ng	0.01
7) Phenol-d6	6.522	99	1567729	134.119	ng	0.00
23) Nitrobenzene-d5	7.457	82	1035450	91.157	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	473885	153.331	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1847123	88.704	ng	0.00
79) Terphenyl-d14	13.015	244	2151608	88.826	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	144188	20.703	ng	# 75
25) Isophorone	7.457	82	1035433	51.921	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	41397	8.401	ng	# 26
57) 2,4-Dinitrotoluene	9.933	165	41397	6.408	ng	# 22
67) 4-Bromophenyl-phenylether	10.727	248	30707	4.937	ng	# 1

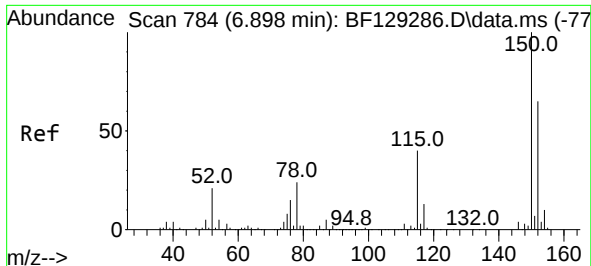
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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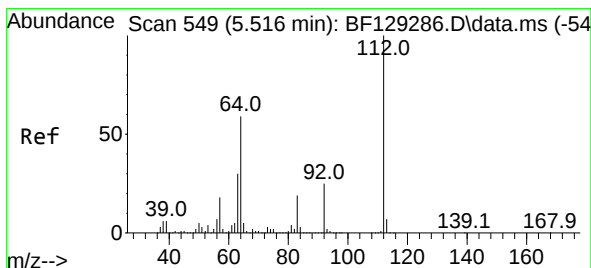
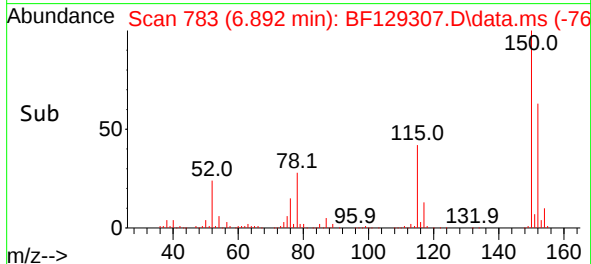
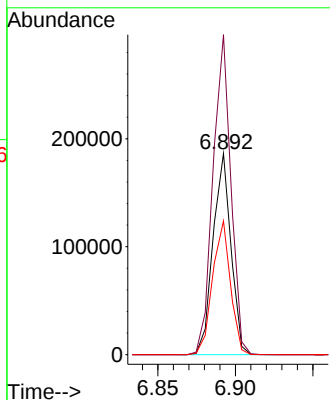
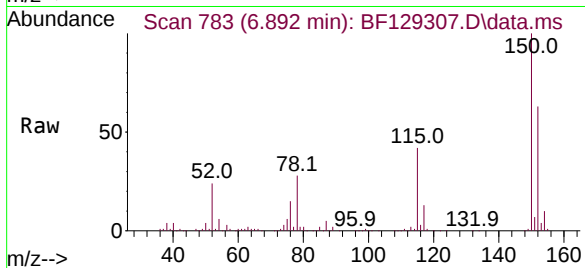




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129307.D
 Acq: 22 Jul 2022 09:45

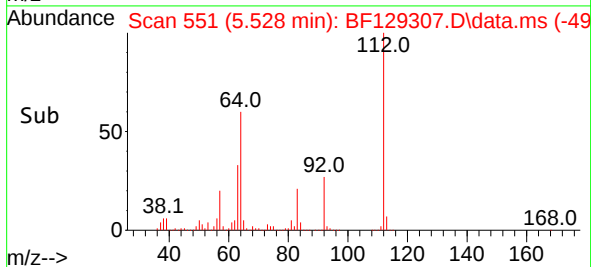
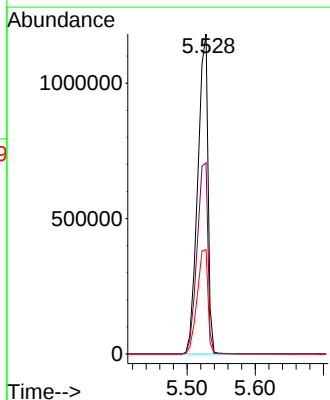
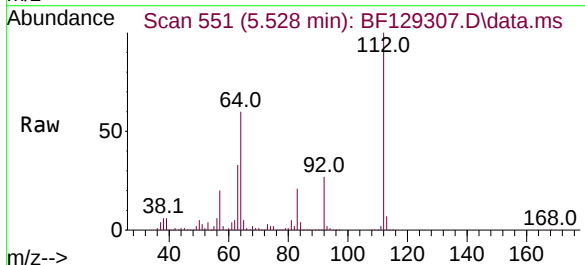
Instrument :
 BNA_F
 ClientSampleId :
 PB145953BL

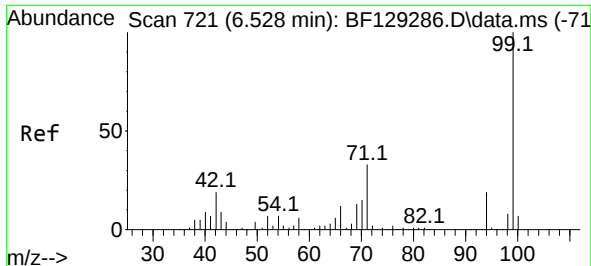
Tgt Ion:152 Resp: 149560
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.7 185.5
 115 66.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 134.826 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF129307.D
 Acq: 22 Jul 2022 09:45

Tgt Ion:112 Resp: 1236300
 Ion Ratio Lower Upper
 112 100
 64 59.8 53.3 79.9
 63 32.6 28.0 42.0

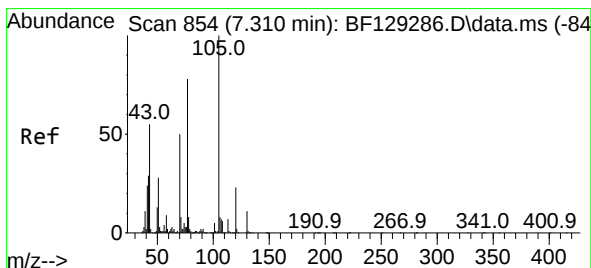
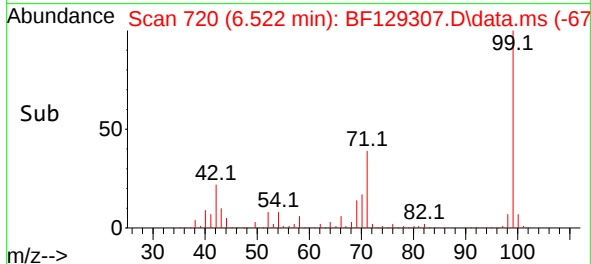
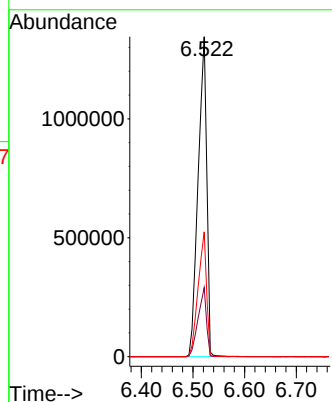
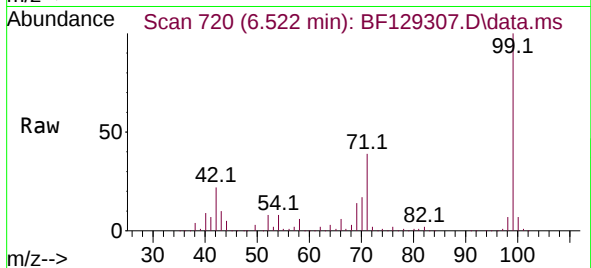




#7
Phenol-d6
Concen: 134.119 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

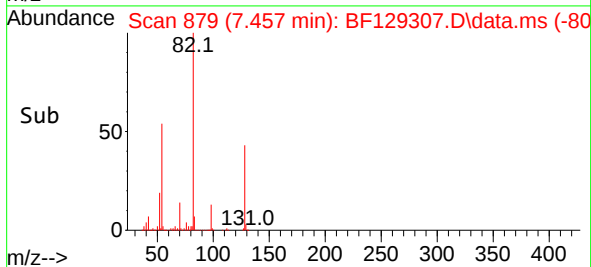
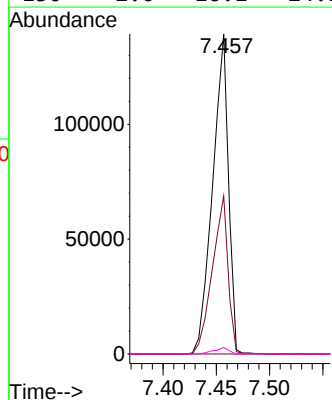
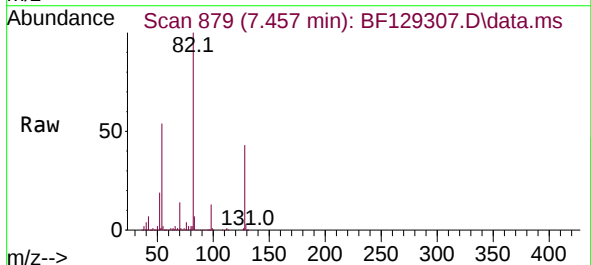
Instrument :
BNA_F
ClientSampleId :
PB145953BL

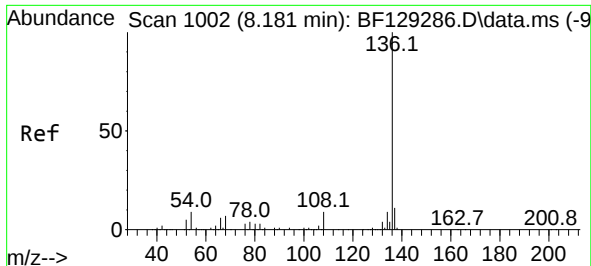
Tgt Ion: 99 Resp: 1567729
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 39.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.703 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

Tgt Ion: 70 Resp: 144188
Ion Ratio Lower Upper
70 100
42 49.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

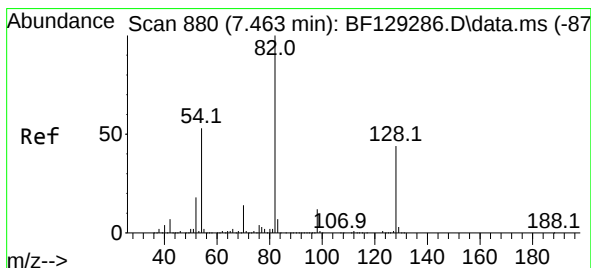
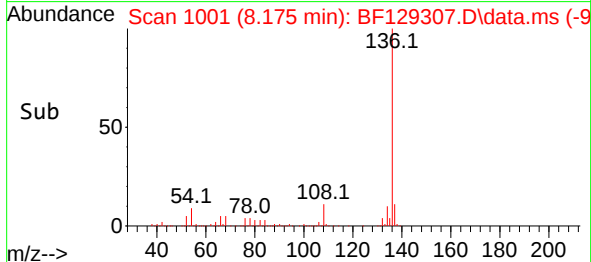
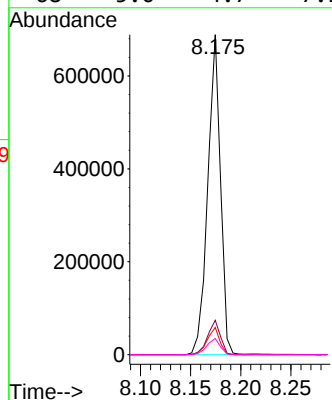
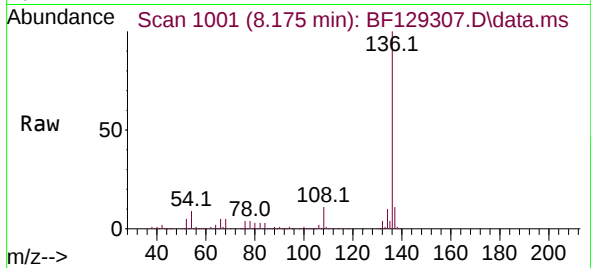




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

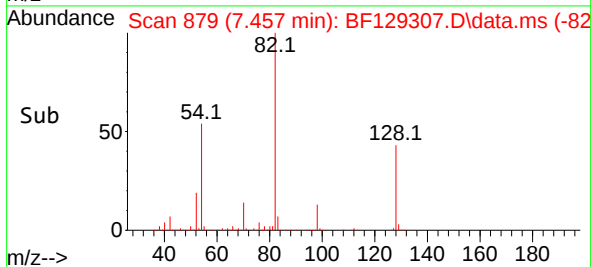
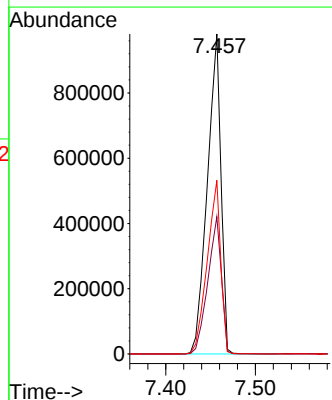
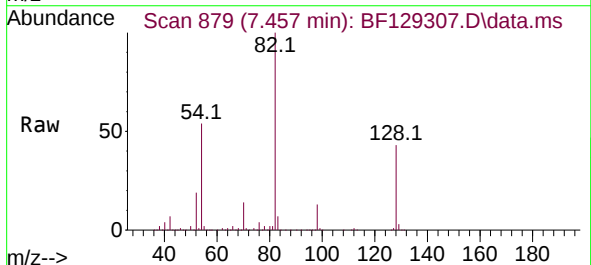
Instrument :
BNA_F
ClientSampleId :
PB145953BL

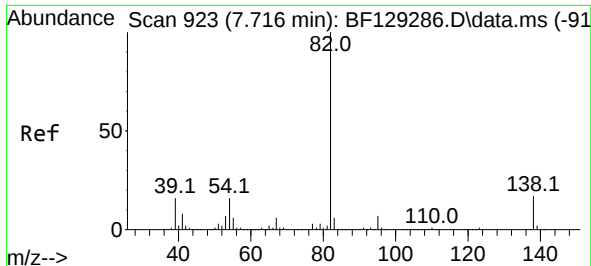
Tgt Ion:136 Resp: 611108
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.5 11.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 91.157 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

Tgt Ion: 82 Resp: 1035450
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 54.3 46.9 70.3

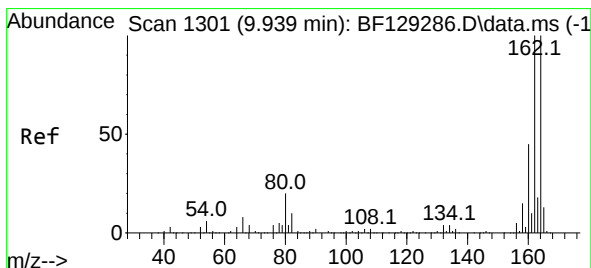
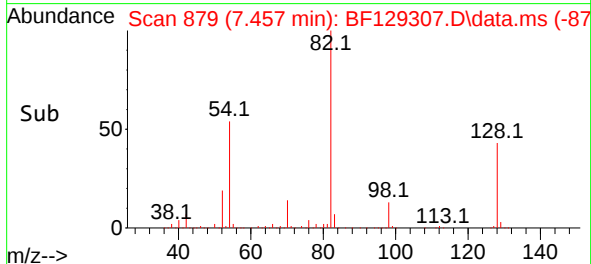
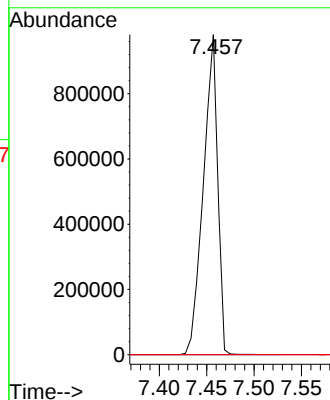
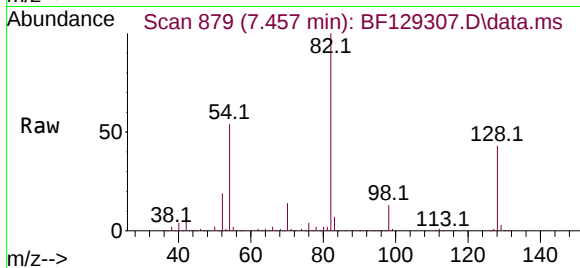




#25
Isophorone
Concen: 51.921 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

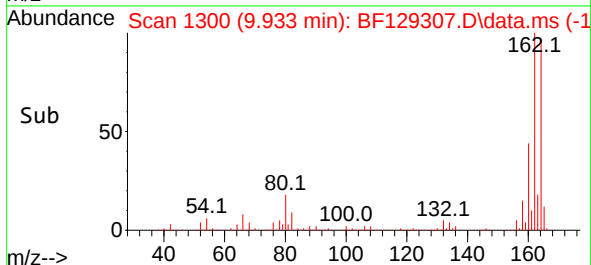
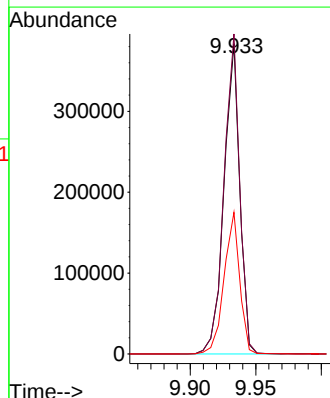
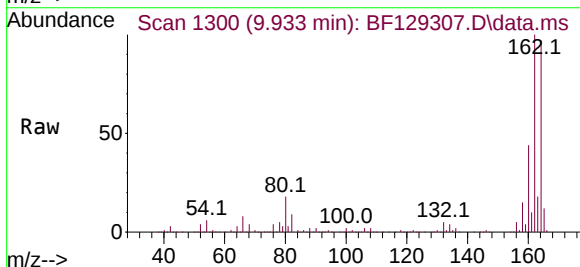
Instrument :
BNA_F
ClientSampleId :
PB145953BL

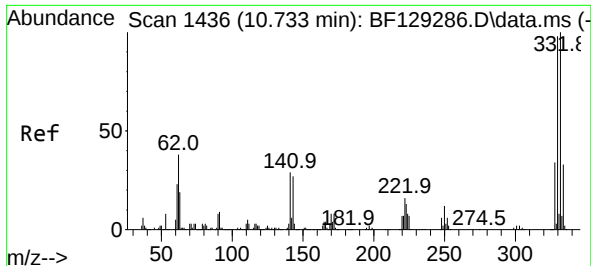
Tgt Ion: 82 Resp: 1035433
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

Tgt Ion:164 Resp: 320339
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 153.331 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129307.D

Acq: 22 Jul 2022 09:45

Instrument :

BNA_F

ClientSampleId :

PB145953BL

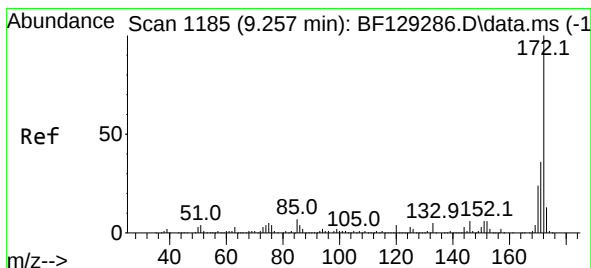
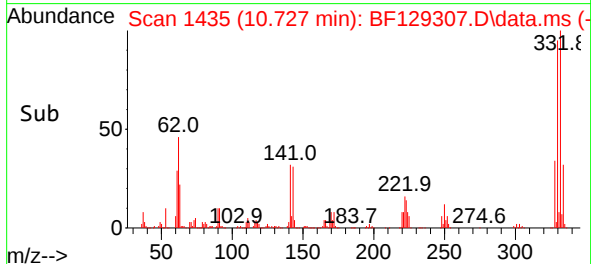
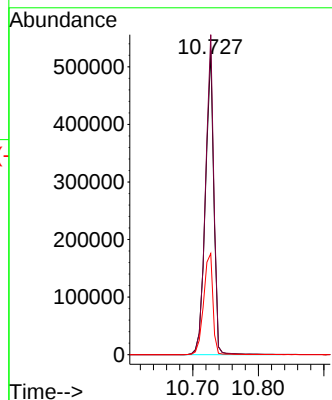
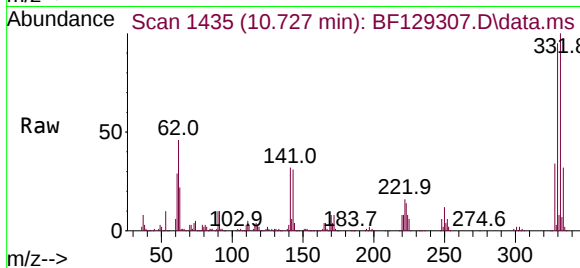
Tgt Ion:330 Resp: 473885

Ion Ratio Lower Upper

330 100

332 103.8 76.8 115.2

141 36.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.704 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF129307.D

Acq: 22 Jul 2022 09:45

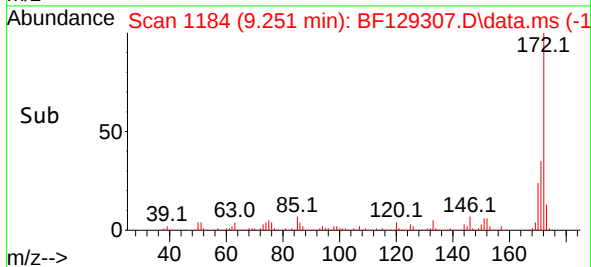
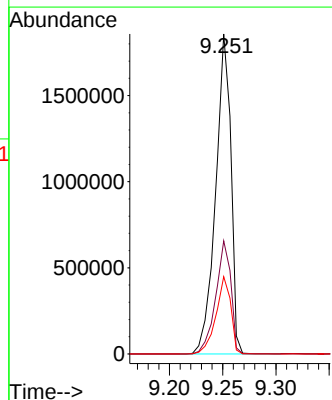
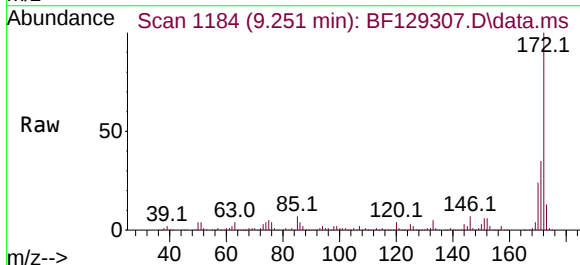
Tgt Ion:172 Resp: 1847123

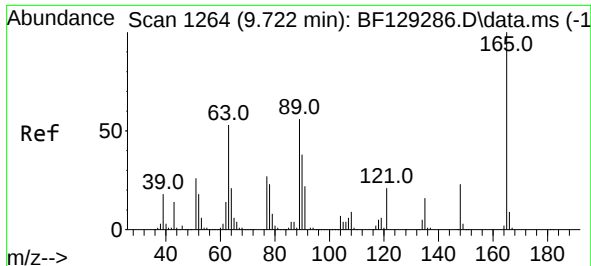
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.401 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129307.D

Acq: 22 Jul 2022 09:45

Instrument :

BNA_F

ClientSampleId :

PB145953BL

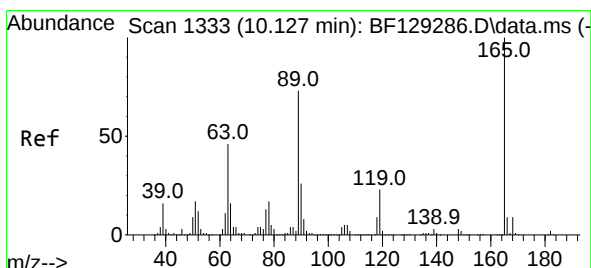
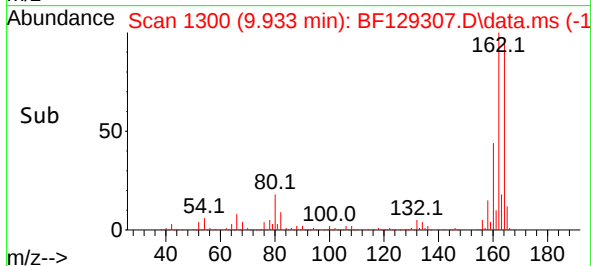
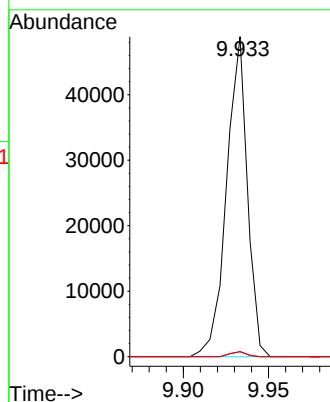
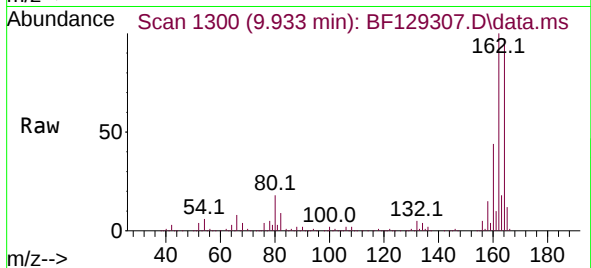
Tgt Ion:165 Resp: 41397

Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.408 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF129307.D

Acq: 22 Jul 2022 09:45

Tgt Ion:165 Resp: 41397

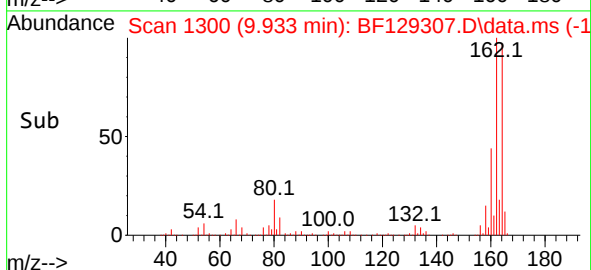
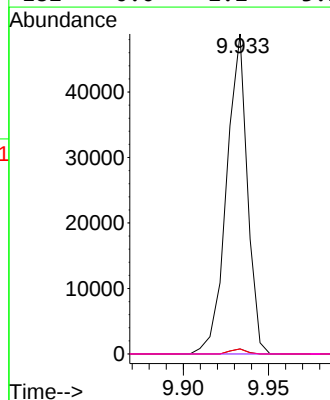
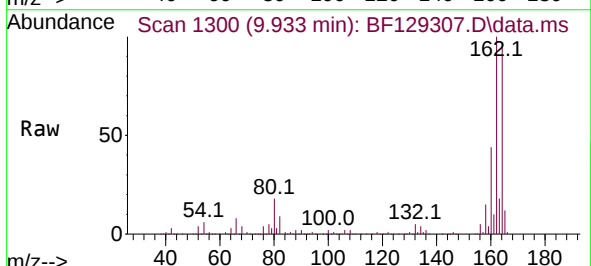
Ion Ratio Lower Upper

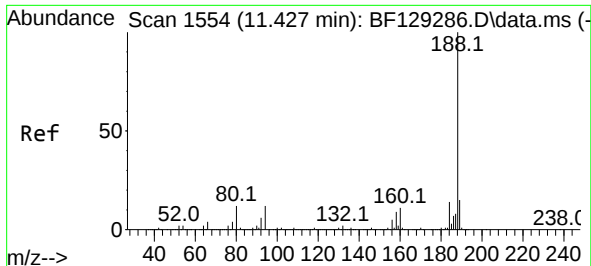
165 100

63 1.6 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

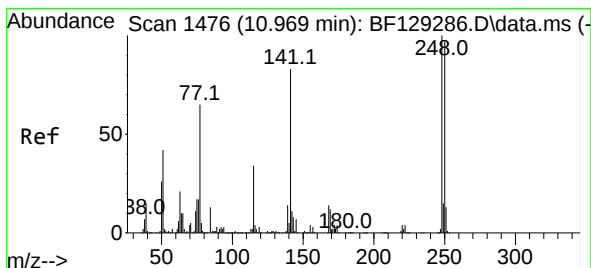
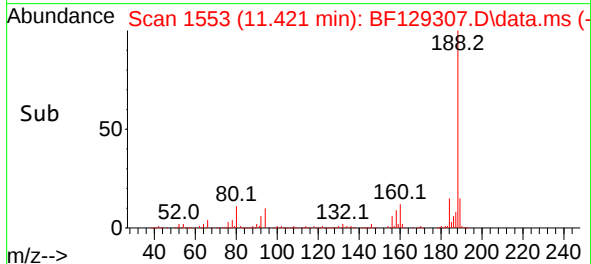
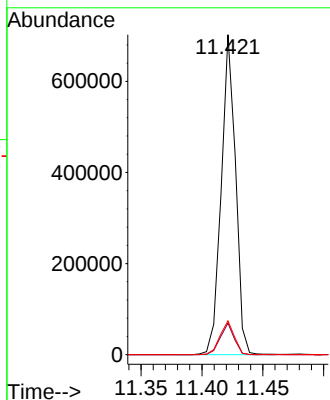
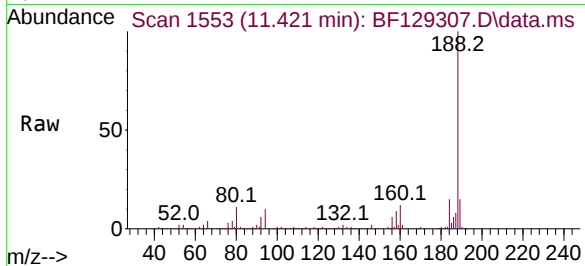




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

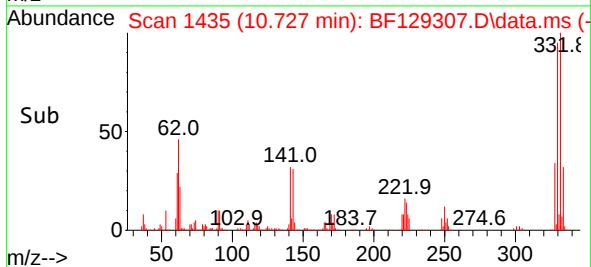
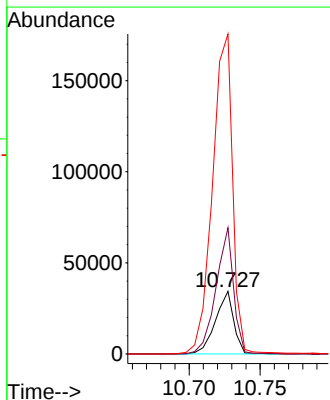
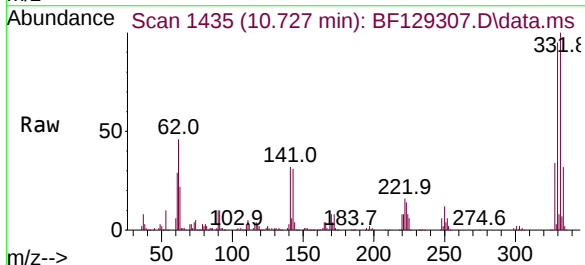
Instrument :
BNA_F
ClientSampleId :
PB145953BL

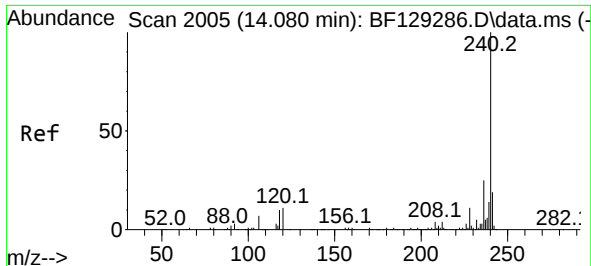
Tgt Ion:188 Resp: 576428
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.937 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

Tgt Ion:248 Resp: 30707
Ion Ratio Lower Upper
248 100
250 202.0 80.6 120.8#
141 512.1 58.9 88.3#

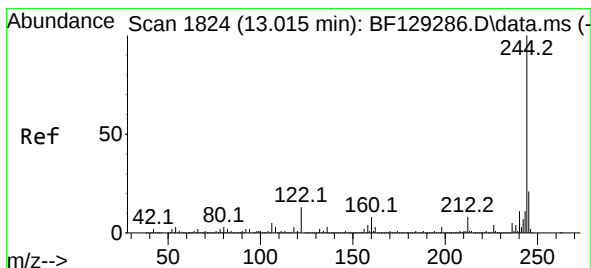
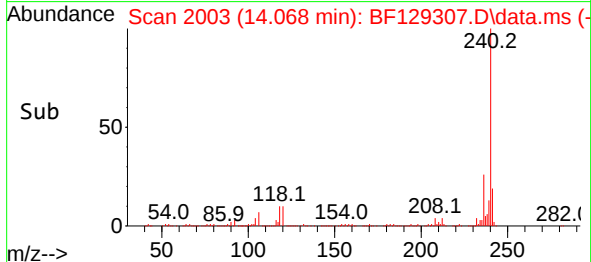
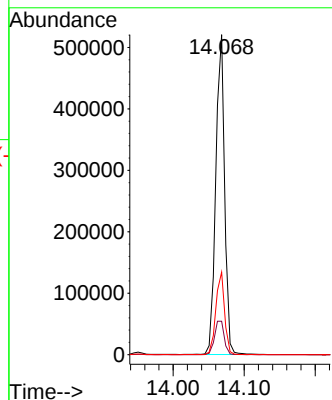
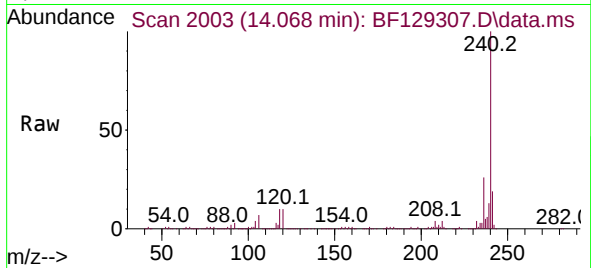




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

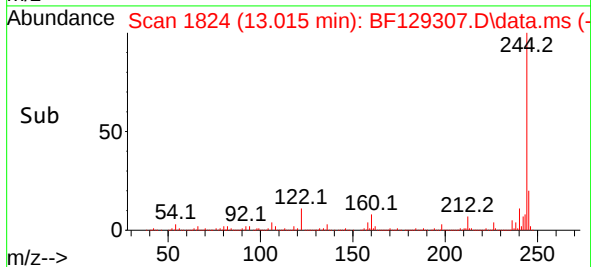
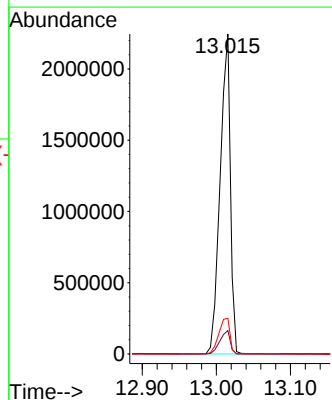
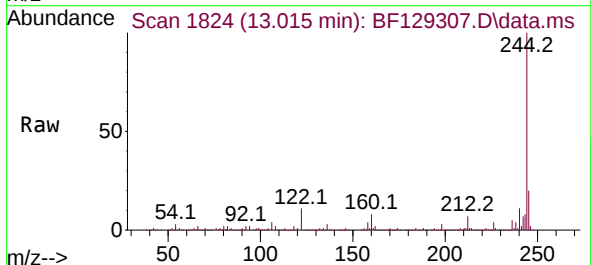
Instrument :
BNA_F
ClientSampleId :
PB145953BL

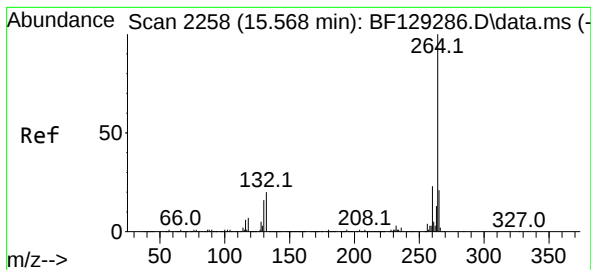
Tgt Ion:240 Resp: 451133
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 88.826 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF129307.D
Acq: 22 Jul 2022 09:45

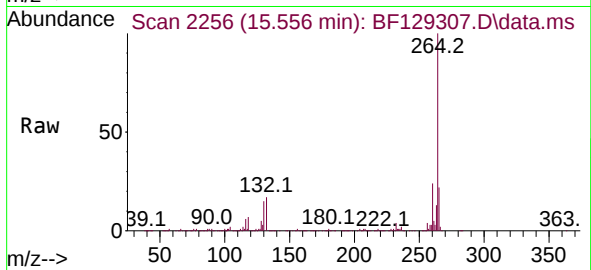
Tgt Ion:244 Resp: 2151608
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129307.D
 Acq: 22 Jul 2022 09:45

Instrument :
 BNA_F
 ClientSampleId :
 PB145953BL



Tgt Ion:264 Resp: 376341
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8

