

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129241.D
 Acq On : 15 Jul 2022 16:37
 Operator : CG\JU
 Sample : PB146243BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146243BL

Quant Time: Jul 16 01:41:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

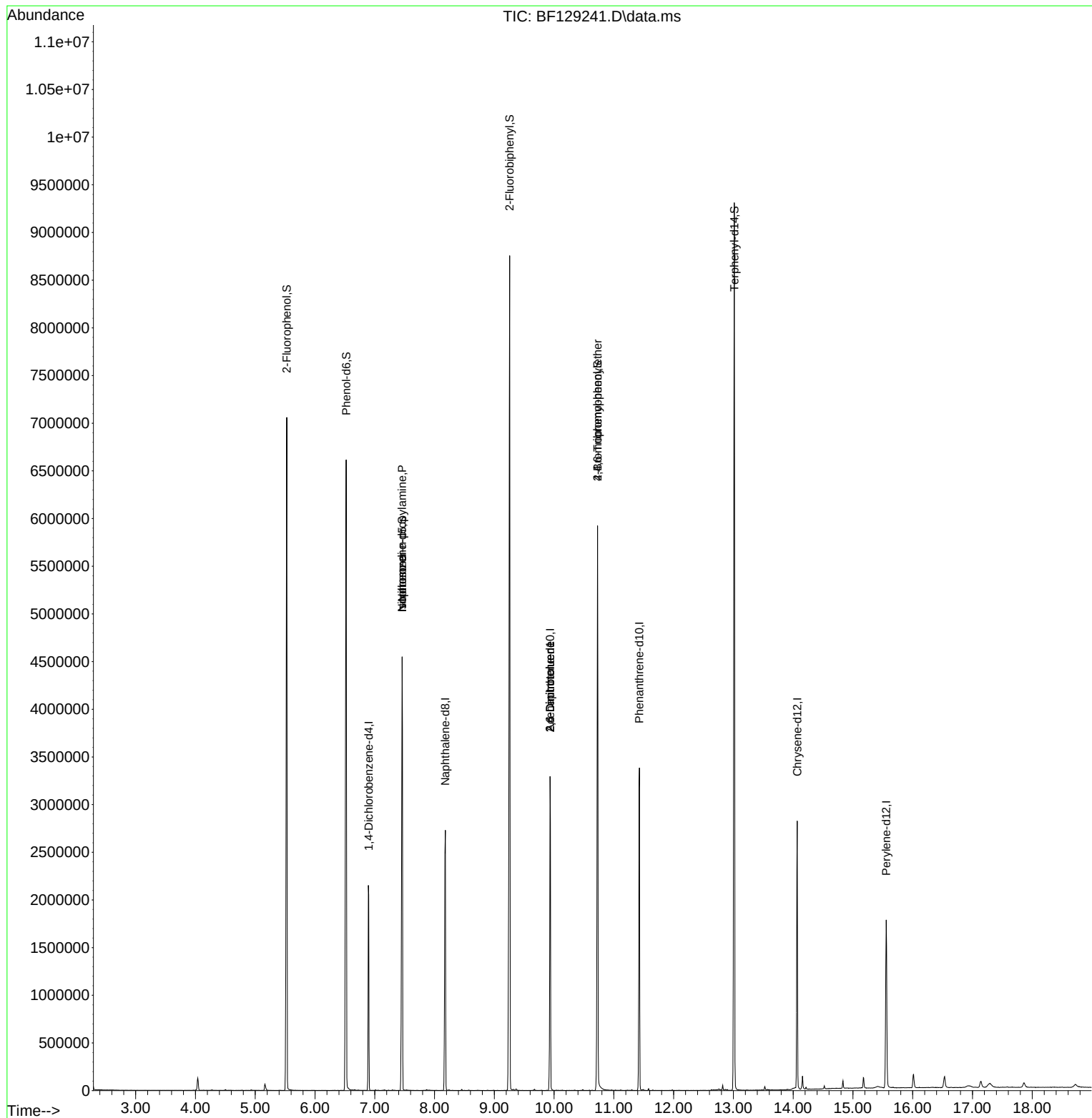
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	328935	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1357364	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	721387	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1231061	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	918778	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	728106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2027345	98.432	ng	0.01
7) Phenol-d6	6.522	99	2679723	100.596	ng	0.00
23) Nitrobenzene-d5	7.457	82	1760013	69.311	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	739764	110.483	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3107707	72.985	ng	0.00
79) Terphenyl-d14	13.016	244	3447665	70.197	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	235908	15.056	ng	# 75
25) Isophorone	7.457	82	1757238	41.175	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	93221	9.203	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	93221	7.018	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	46828	3.614	ng	# 1

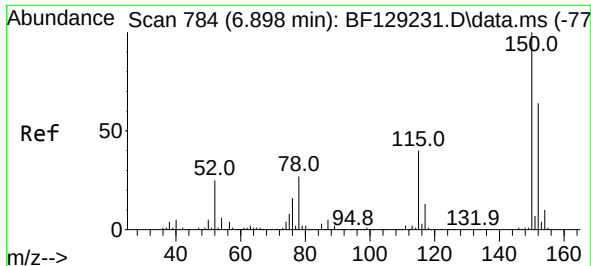
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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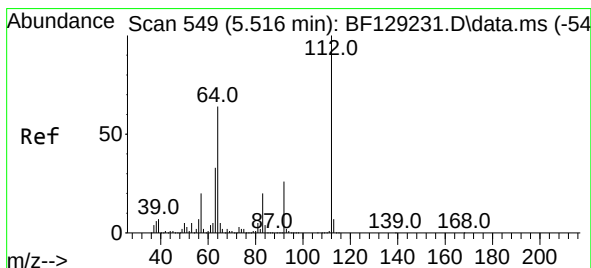
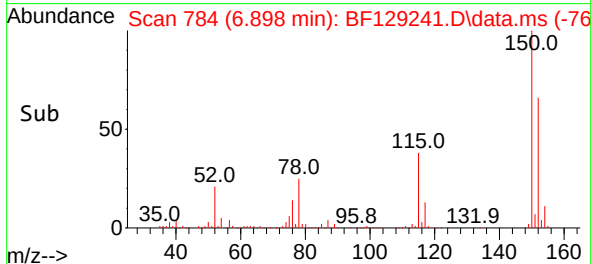
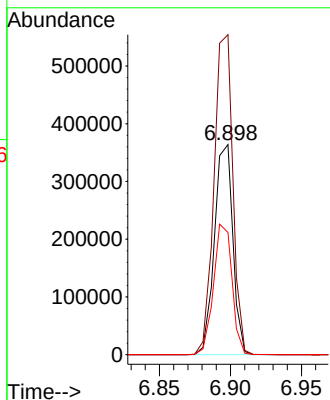
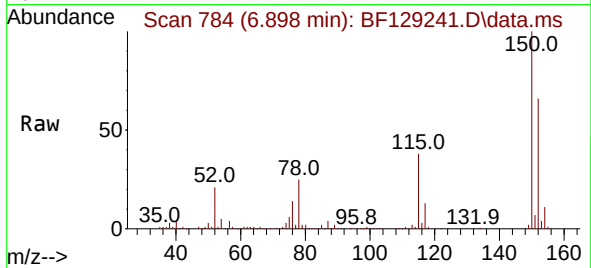




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129241.D
 Acq: 15 Jul 2022 16:37

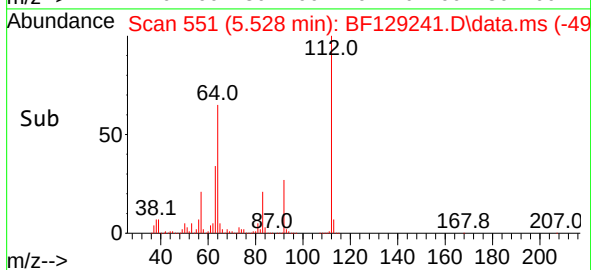
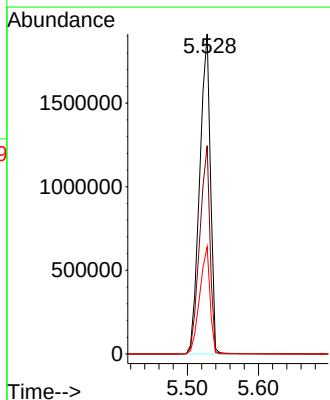
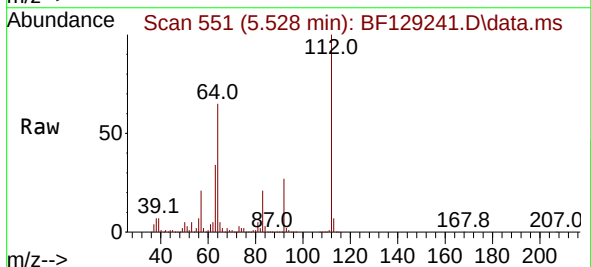
Instrument :
 BNA_F
 ClientSampleId :
 PB146243BL

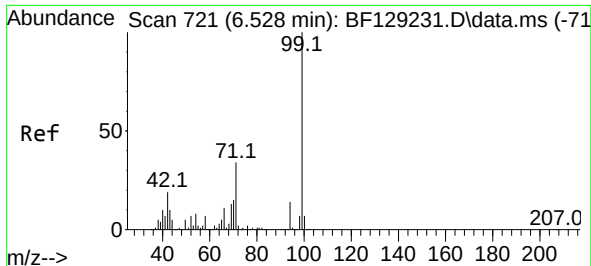
Tgt Ion:152 Resp: 328935
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.7 185.5
 115 58.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.432 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF129241.D
 Acq: 15 Jul 2022 16:37

Tgt Ion:112 Resp: 2027345
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.3 79.9
 63 33.5 28.0 42.0

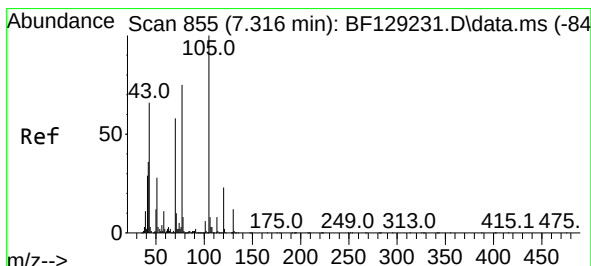
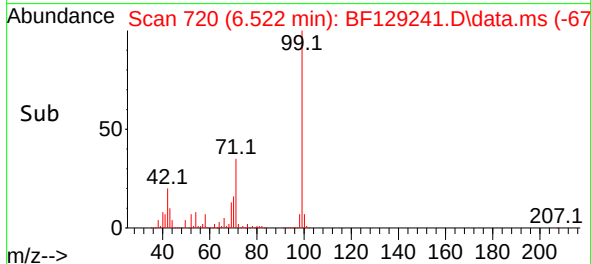
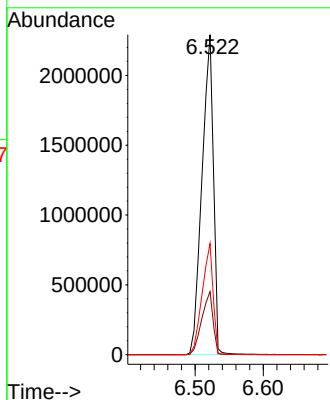
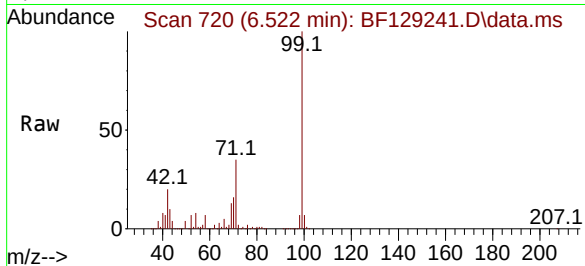




#7
Phenol-d6
Concen: 100.596 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

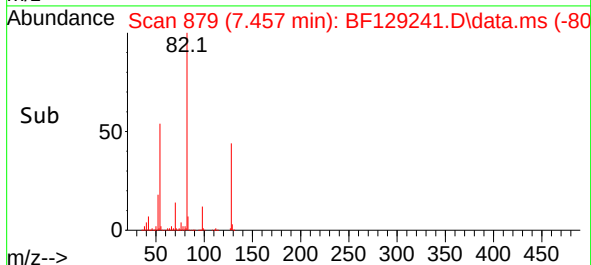
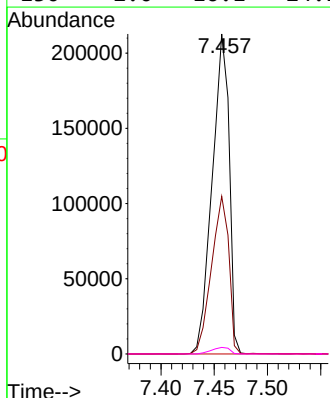
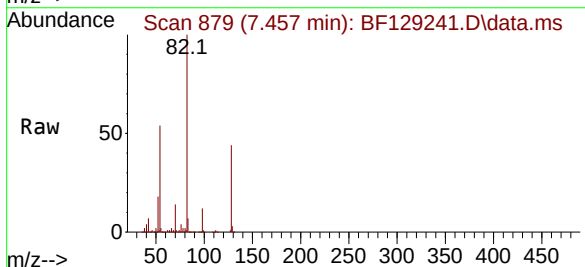
Instrument :
BNA_F
ClientSampleId :
PB146243BL

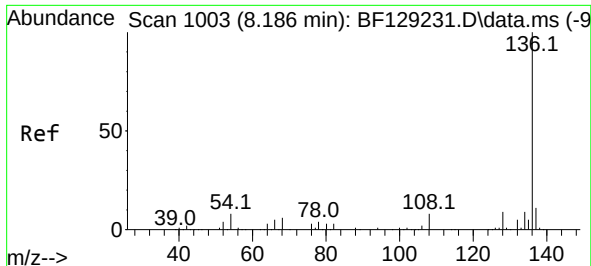
Tgt Ion: 99 Resp: 2679723
Ion Ratio Lower Upper
99 100
42 19.7 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.056 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

Tgt Ion: 70 Resp: 235908
Ion Ratio Lower Upper
70 100
42 49.3 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: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129241.D

Acq: 15 Jul 2022 16:37

Instrument :

BNA_F

ClientSampleId :

PB146243BL

Tgt Ion:136 Resp: 1357364

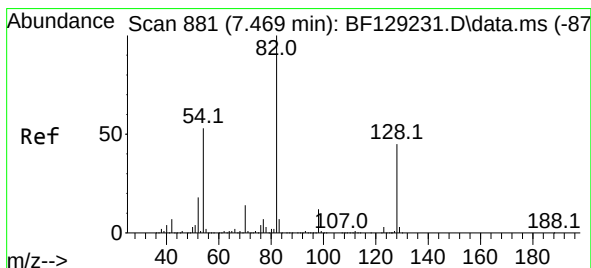
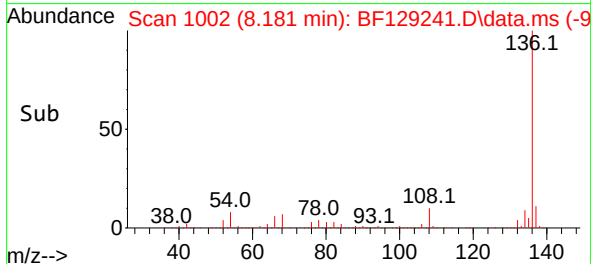
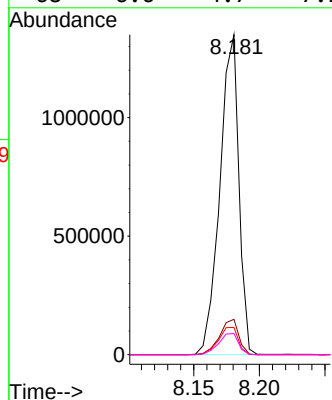
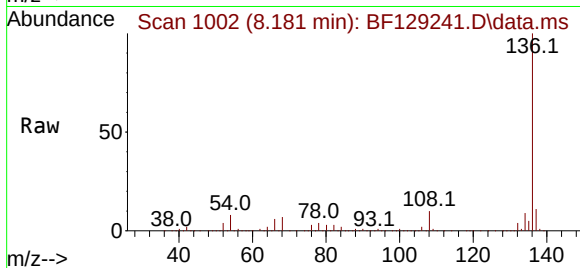
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.5 7.5 11.3

68 6.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 69.311 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.012 min

Lab File: BF129241.D

Acq: 15 Jul 2022 16:37

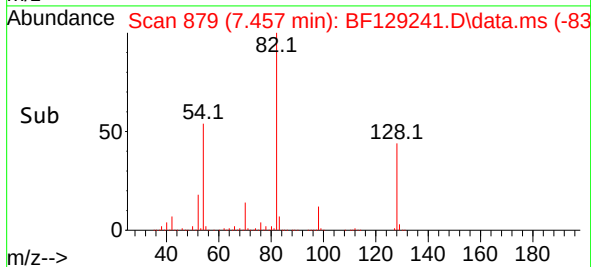
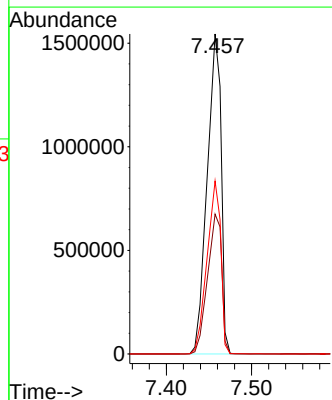
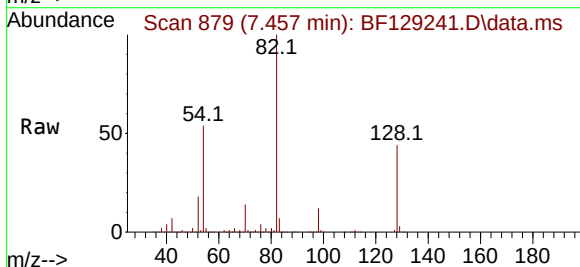
Tgt Ion: 82 Resp: 1760013

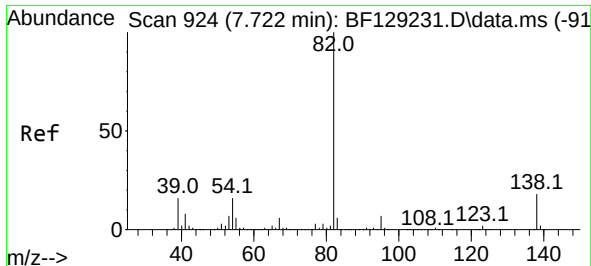
Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

54 54.0 46.9 70.3

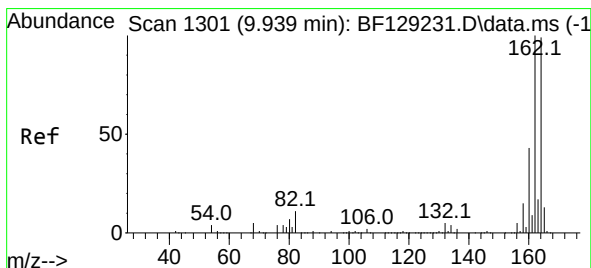
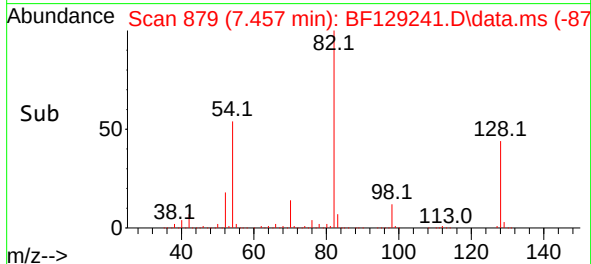
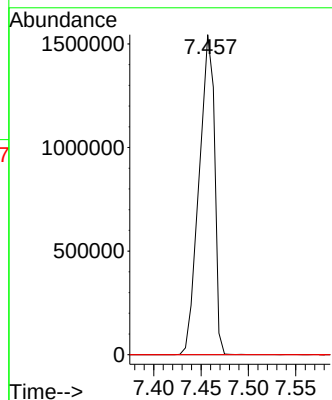
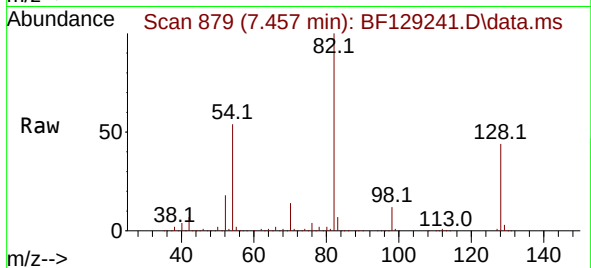




#25
Isophorone
Concen: 41.175 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

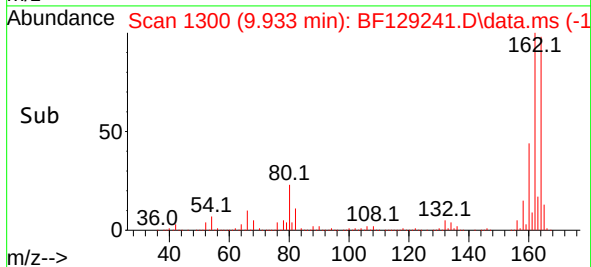
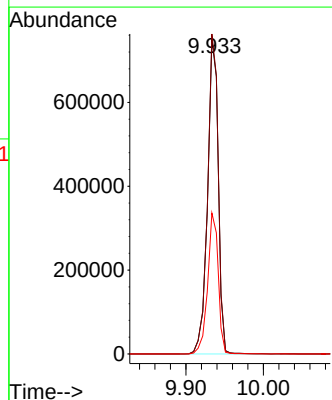
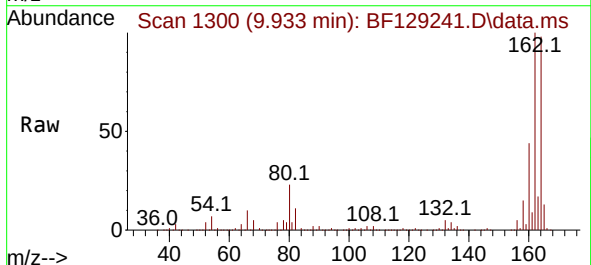
Instrument :
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ClientSampleId :
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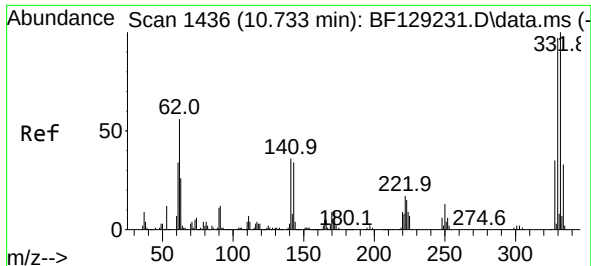
Tgt Ion: 82 Resp: 1757238
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

Tgt Ion:164 Resp: 721387
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.483 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129241.D

Acq: 15 Jul 2022 16:37

Instrument :

BNA_F

ClientSampleId :

PB146243BL

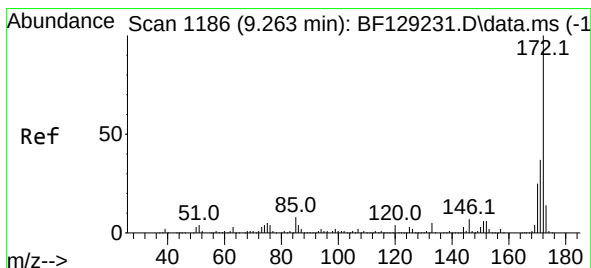
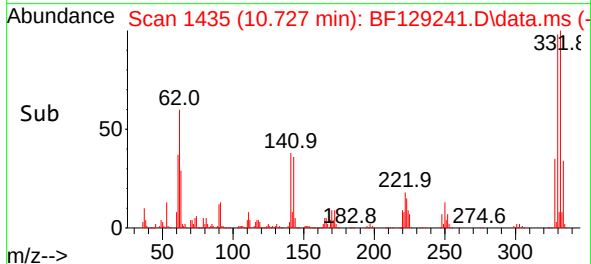
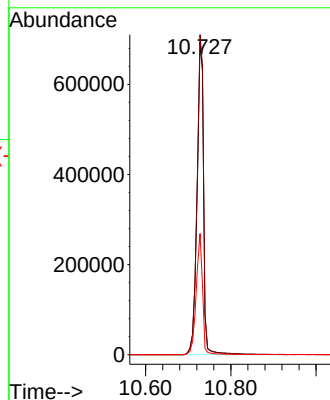
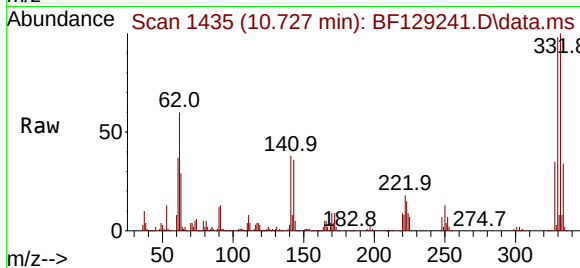
Tgt Ion:330 Resp: 739764

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 37.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.985 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129241.D

Acq: 15 Jul 2022 16:37

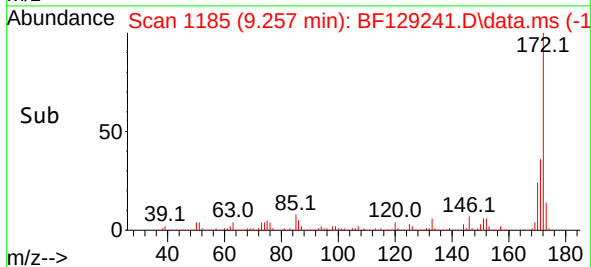
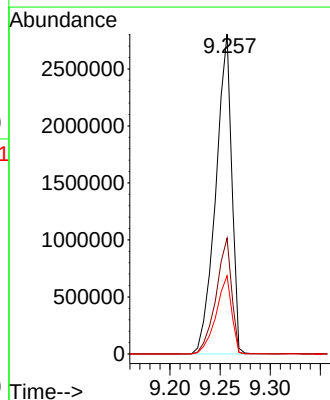
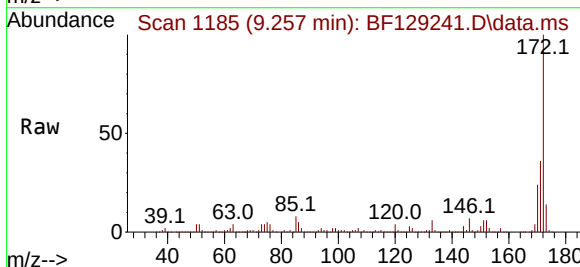
Tgt Ion:172 Resp: 3107707

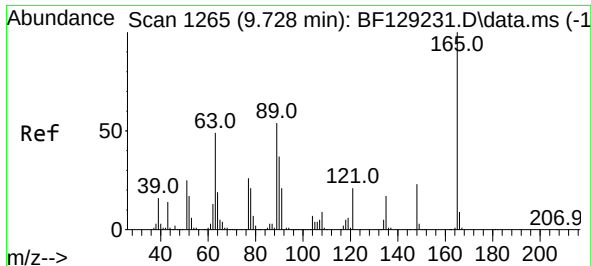
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.5 19.8 29.8

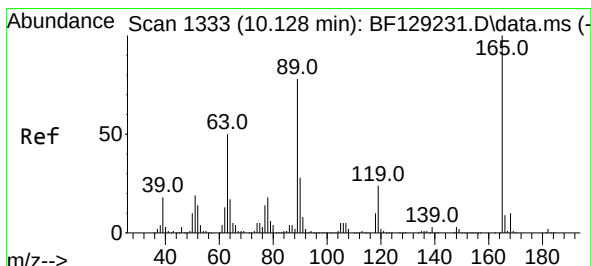
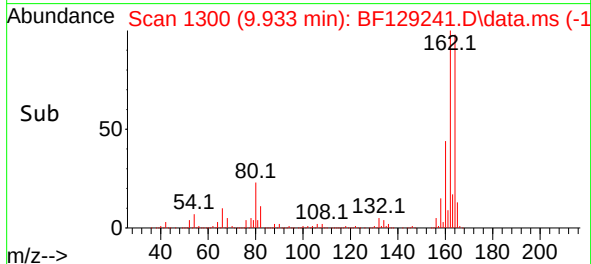
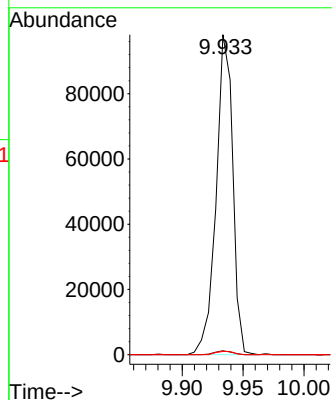
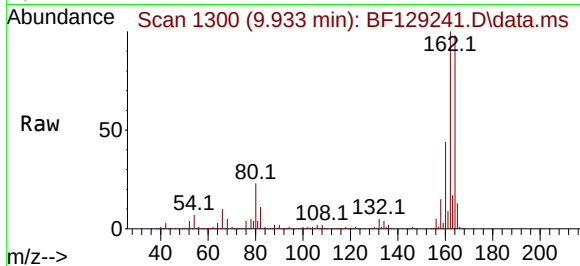




#51
2,6-Dinitrotoluene
Concen: 9.203 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

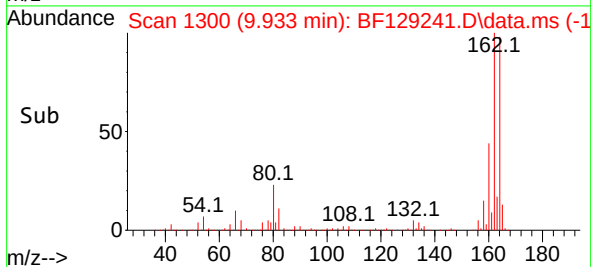
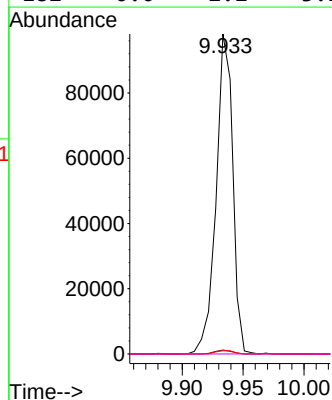
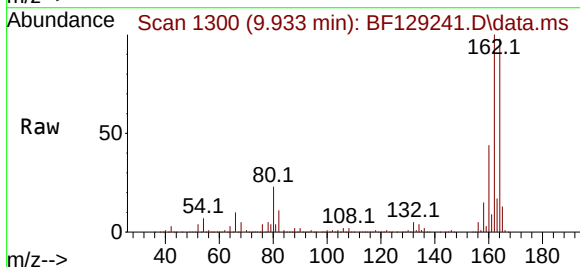
Instrument :
BNA_F
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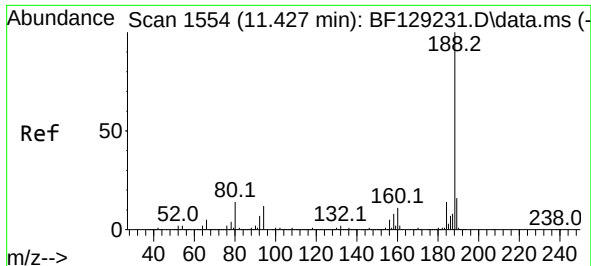
Tgt Ion:165 Resp: 93221
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.018 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

Tgt Ion:165 Resp: 93221
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#

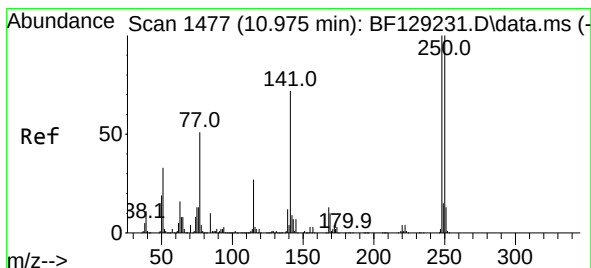
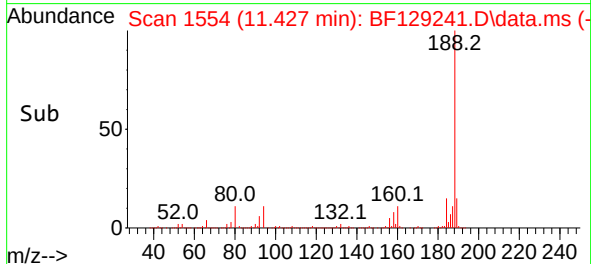
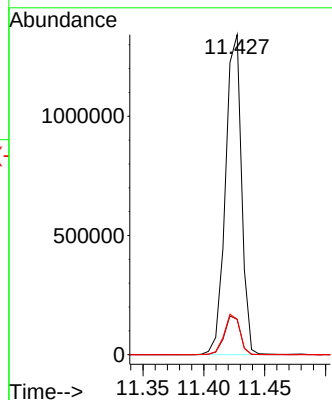
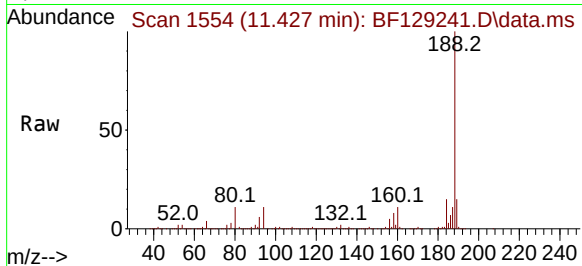




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

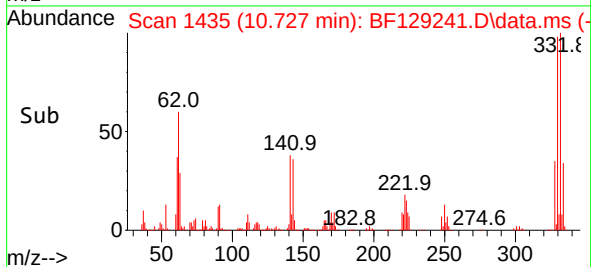
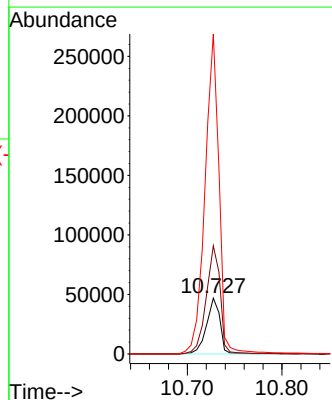
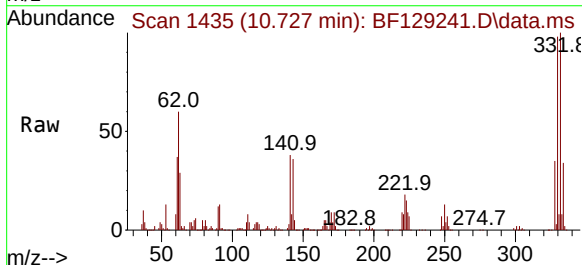
Instrument :
BNA_F
ClientSampleId :
PB146243BL

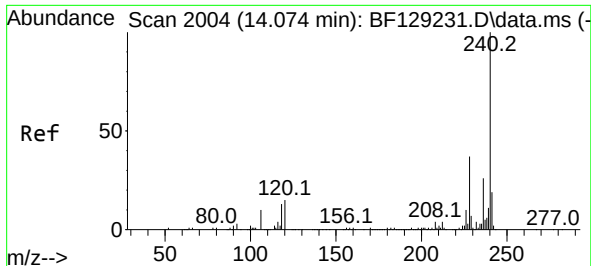
Tgt Ion:188 Resp: 1231061
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.614 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.247 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

Tgt Ion:248 Resp: 46828
Ion Ratio Lower Upper
248 100
250 193.7 80.6 120.8#
141 572.8 58.9 88.3#

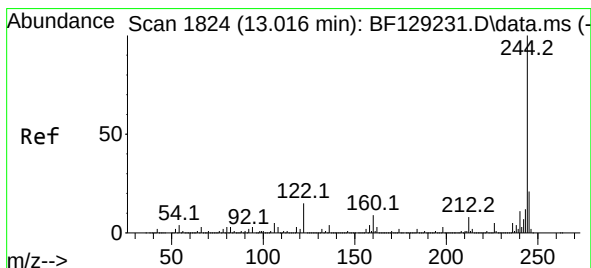
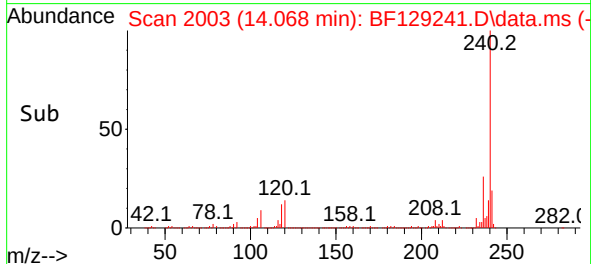
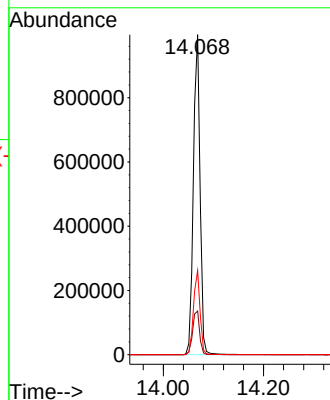
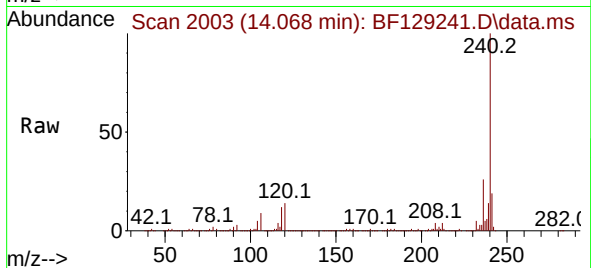




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

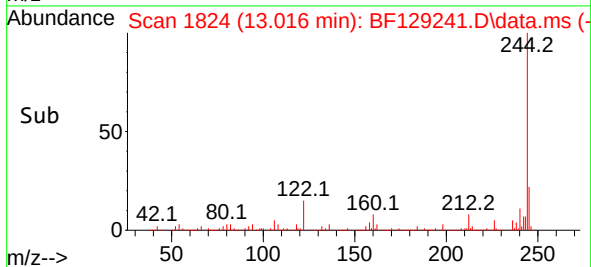
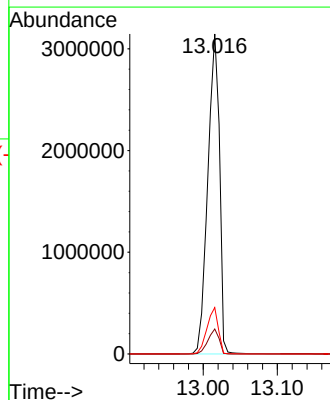
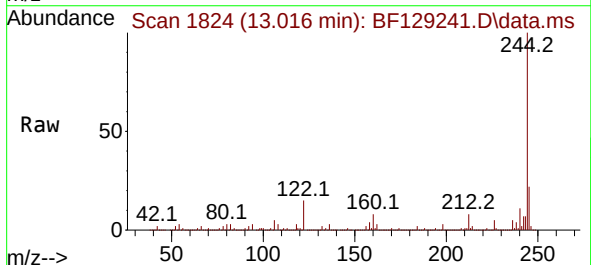
Instrument :
BNA_F
ClientSampleId :
PB146243BL

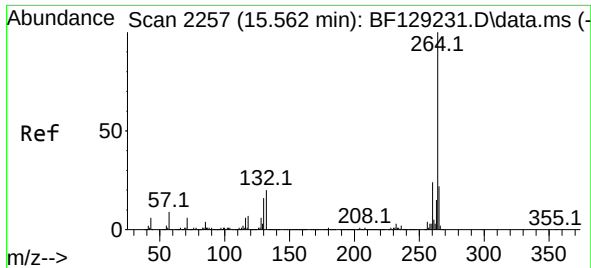
Tgt Ion:240 Resp: 918778
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 70.197 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

Tgt Ion:244 Resp: 3447665
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 14.5 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129241.D
Acq: 15 Jul 2022 16:37

Instrument :
BNA_F
ClientSampleId :
PB146243BL

Tgt Ion:264 Resp: 728106
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.5 17.2 25.8

