

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129119.D
 Acq On : 05 Jul 2022 12:40
 Operator : CG\JU
 Sample : N3562-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jul 05 16:37:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

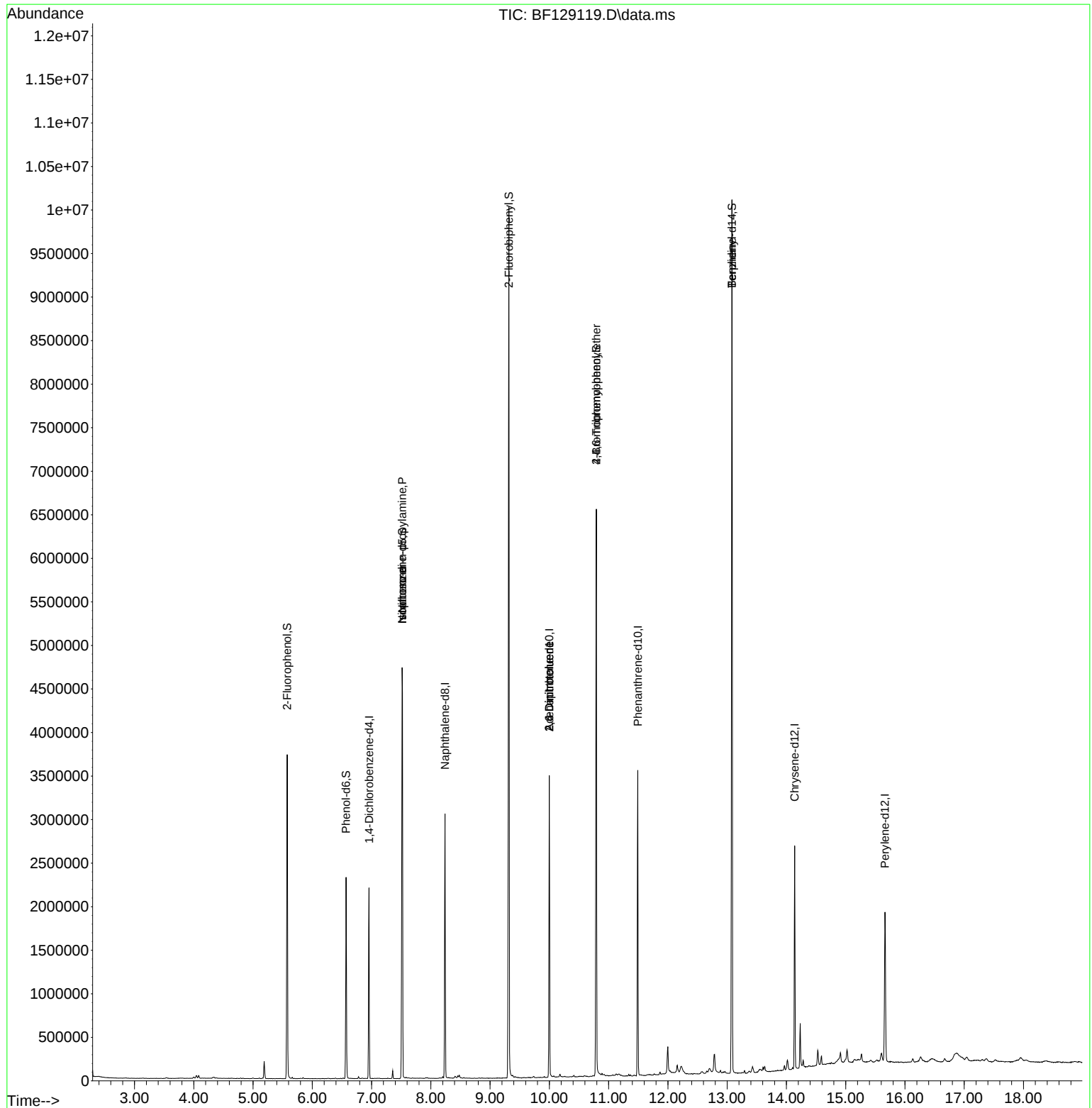
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	316059	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1242168	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	661246	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1182897	20.000	ng	0.00
76) Chrysene-d12	14.139	240	822026	20.000	ng	-0.01
86) Perylene-d12	15.663	264	784519	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	977987	52.314	ng	-0.01
7) Phenol-d6	6.569	99	742234	31.968	ng	-0.02
23) Nitrobenzene-d5	7.516	82	1720745	82.627	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	850094	118.232	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3130769	75.744	ng	0.00
79) Terphenyl-d14	13.080	244	3470355	87.669	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	605	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.516	70	228240	16.993	ng	# 71
25) Isophorone	7.516	82	1682561	47.806	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	87706	10.375	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	87769	8.410	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	51936	4.128	ng	# 1
77) Benzidine	13.080	184	48917	3.342	ng	# 93

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

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Quant Time: Jul 05 16:37:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

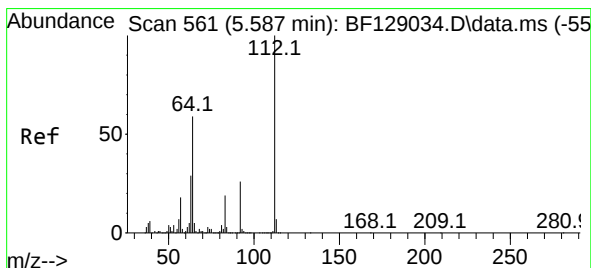
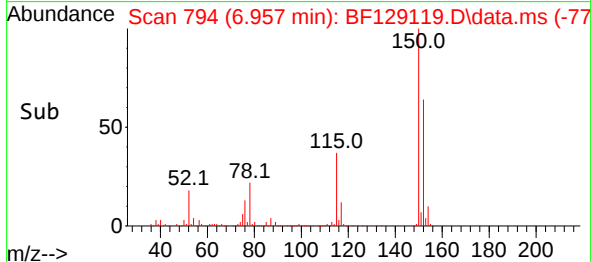
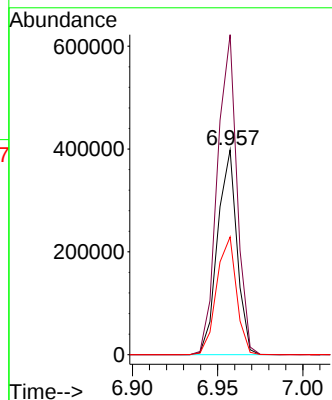
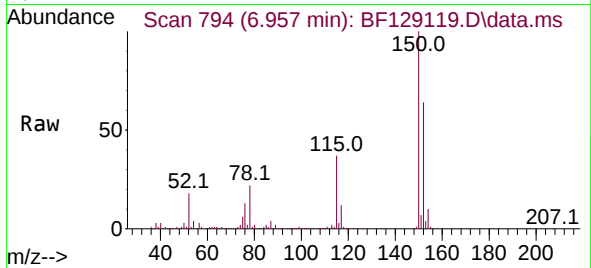




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

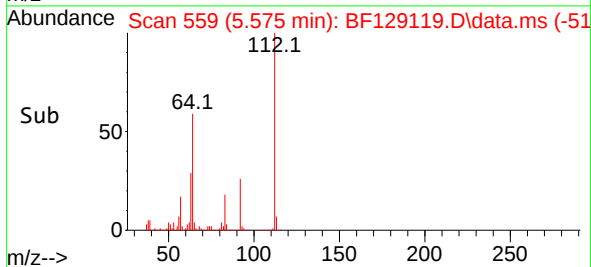
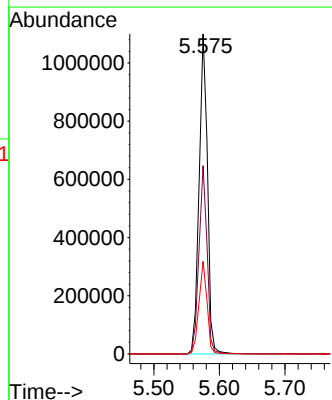
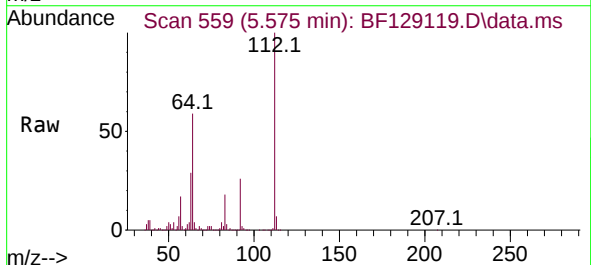
Instrument :
BNA_F
ClientSampleId :
FB

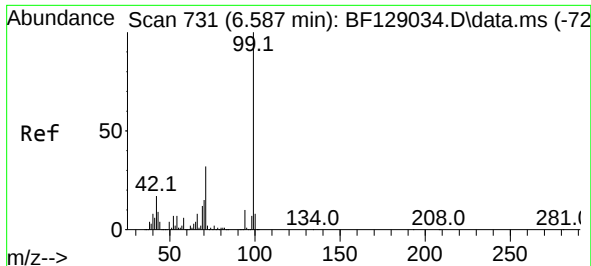
Tgt Ion:152 Resp: 316059
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 57.5 49.9 74.9



#5
2-Fluorophenol
Concen: 52.314 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion:112 Resp: 977987
Ion Ratio Lower Upper
112 100
64 58.8 53.3 79.9
63 28.9 28.0 42.0





#7
Phenol-d6
Concen: 31.968 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

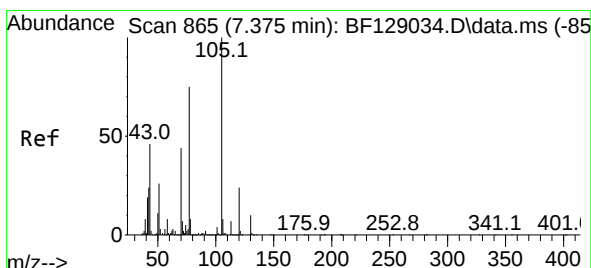
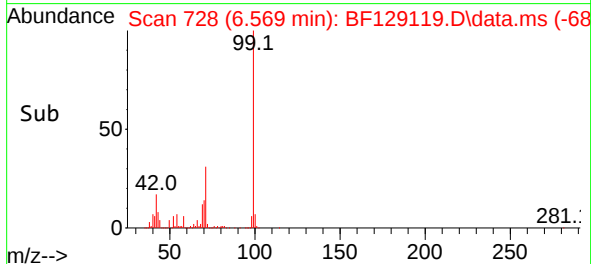
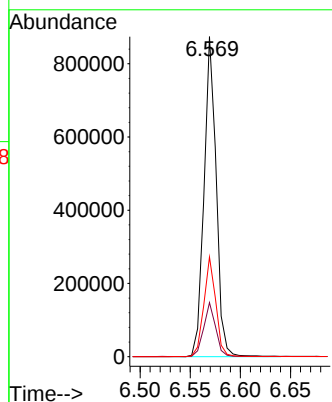
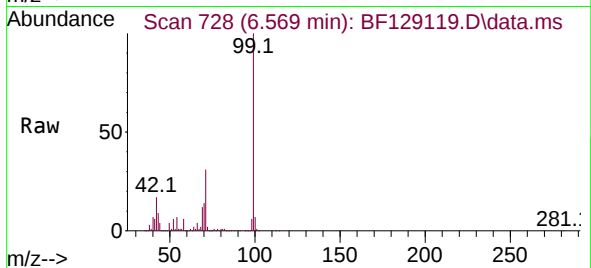
Instrument :

BNA_F

ClientSampleId :

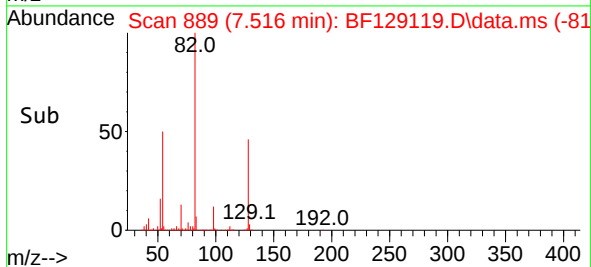
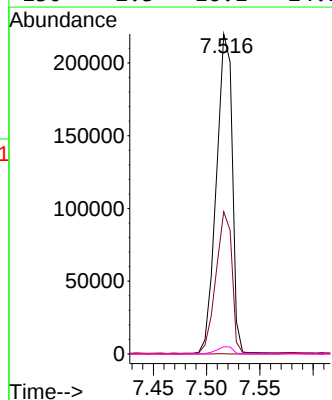
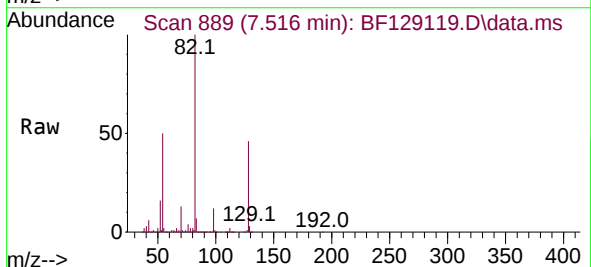
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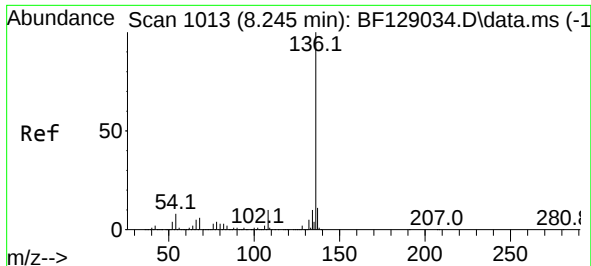
Tgt Ion: 99 Resp: 742234
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 31.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.993 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion: 70 Resp: 228240
Ion Ratio Lower Upper
70 100
42 44.5 52.3 78.5#
101 0.1 7.5 11.3#
130 2.3 16.1 24.1#

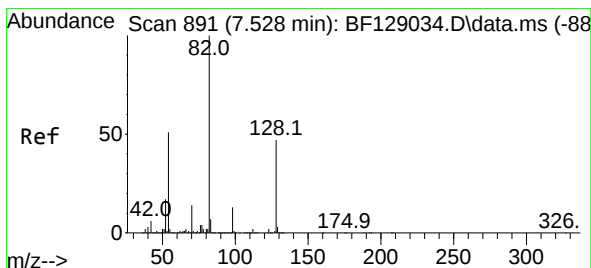
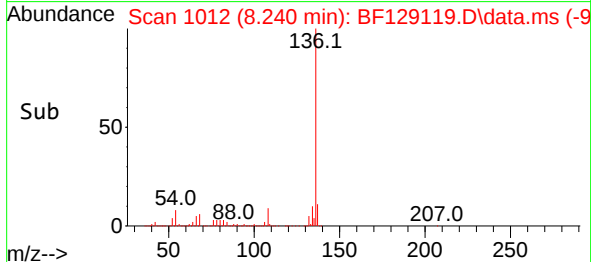
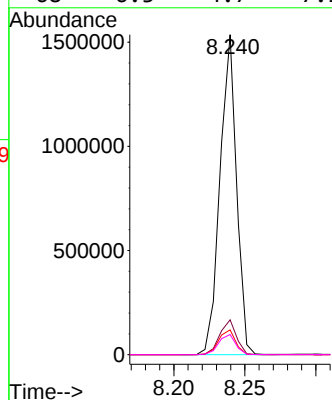
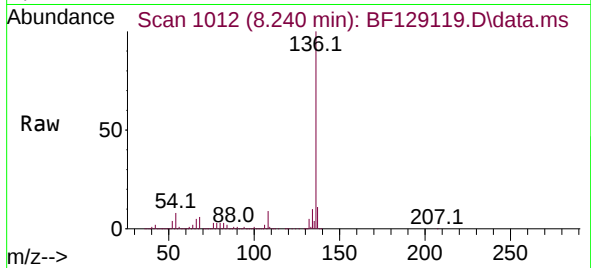




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

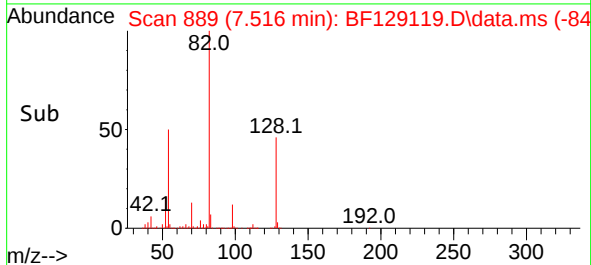
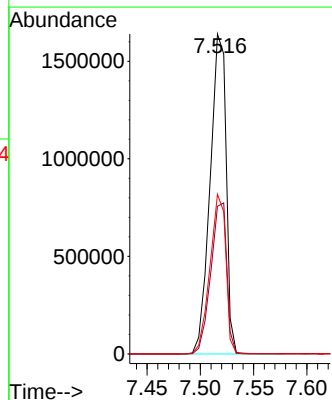
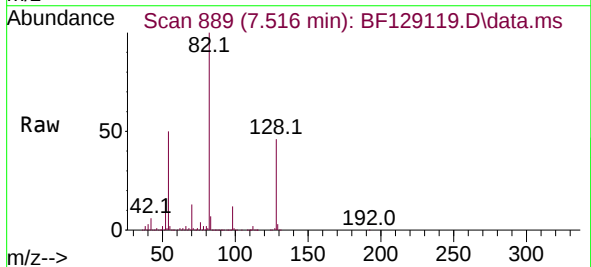
Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:136 Resp: 1242168
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.627 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion: 82 Resp: 1720745
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 49.9 46.9 70.3

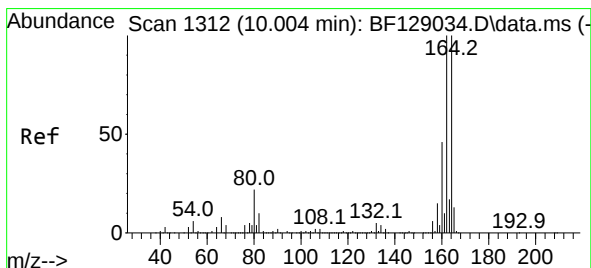
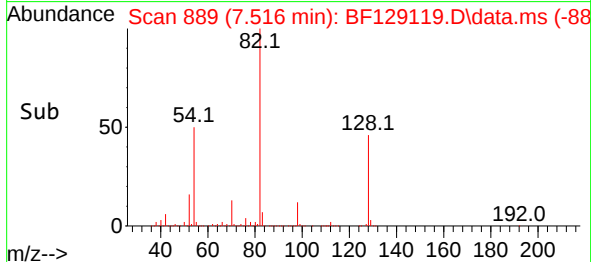
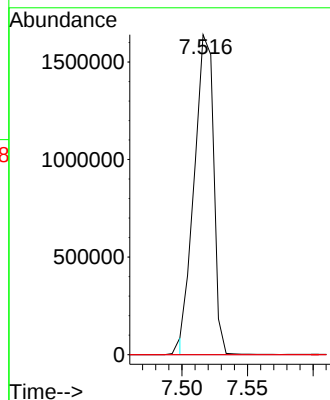
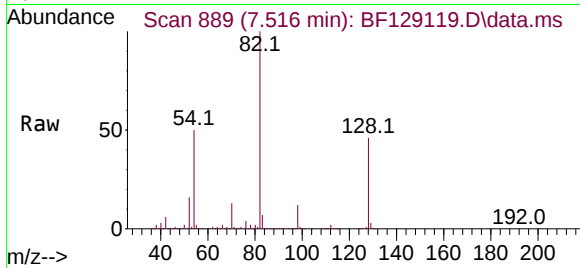




#25
Isophorone
Concen: 47.806 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

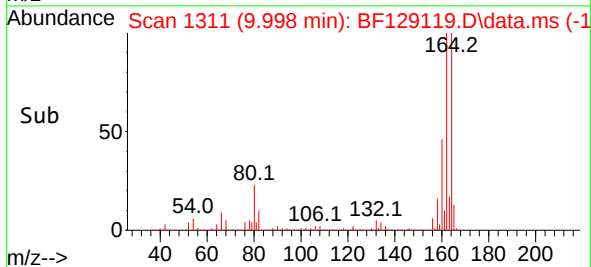
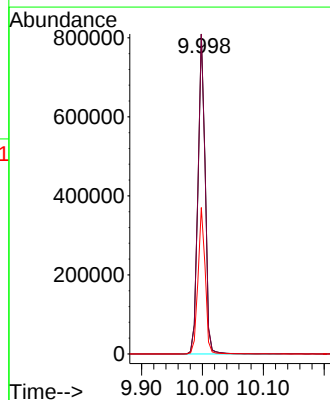
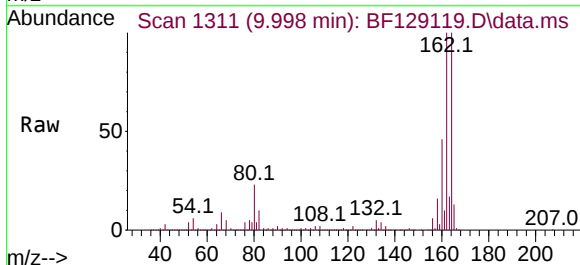
Instrument :
BNA_F
ClientSampleId :
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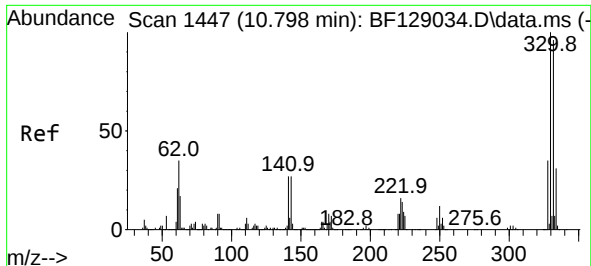
Tgt Ion: 82 Resp: 1682561
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion: 164 Resp: 661246
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.8 34.2 51.4

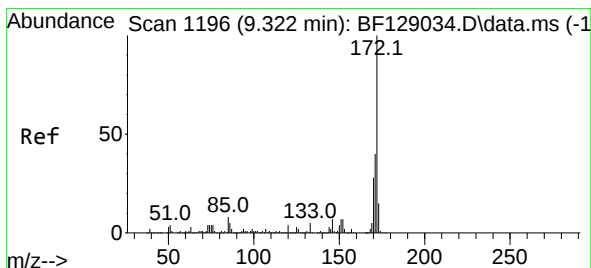
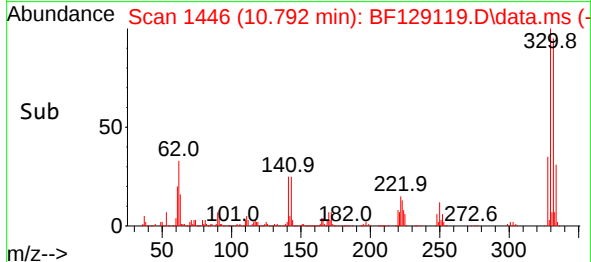
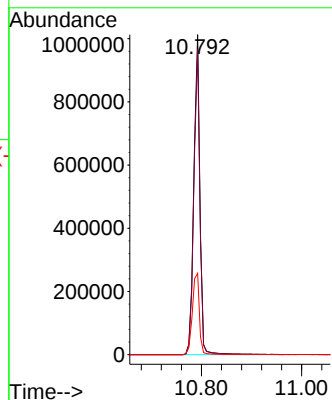
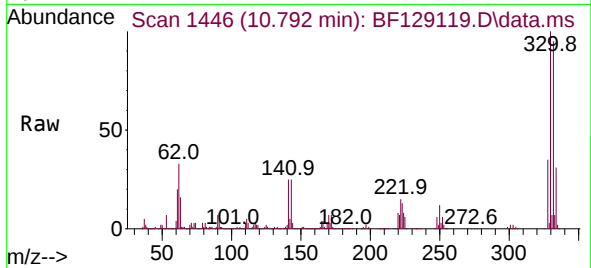




#42
2,4,6-Tribromophenol
Concen: 118.232 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

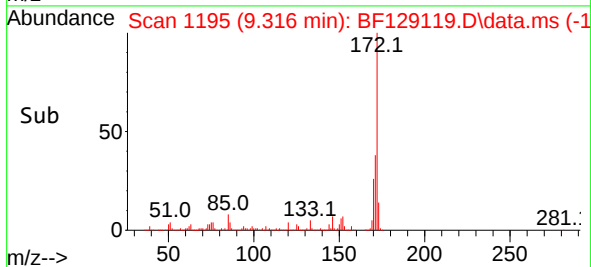
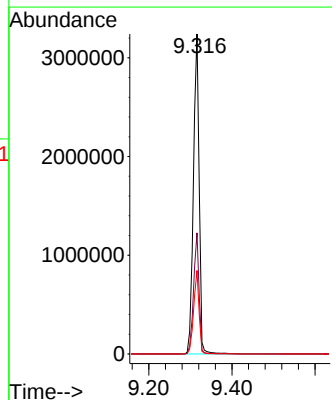
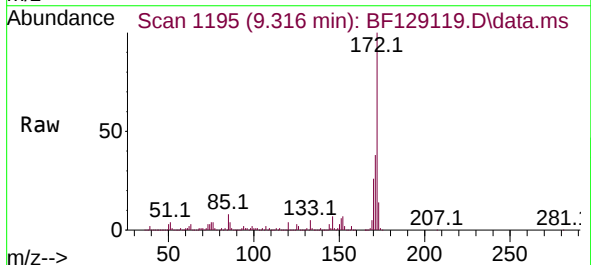
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ClientSampleId :
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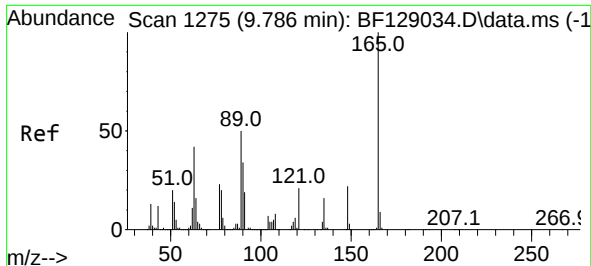
Tgt Ion:330 Resp: 850094
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 29.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 75.744 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion:172 Resp: 3130769
Ion Ratio Lower Upper
172 100
171 37.8 28.8 43.2
170 26.1 19.8 29.8

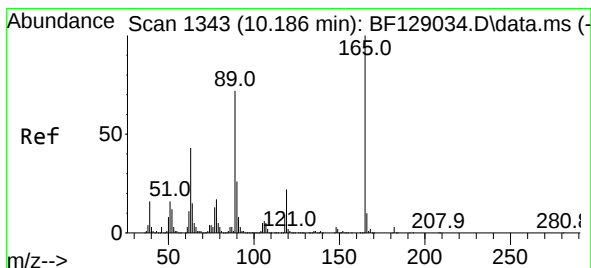
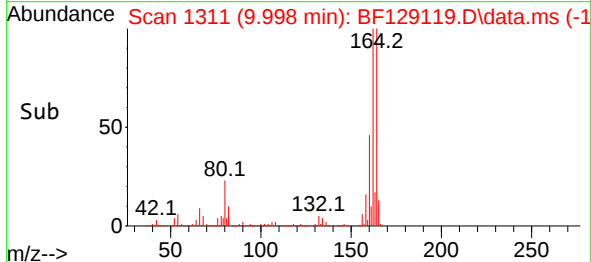
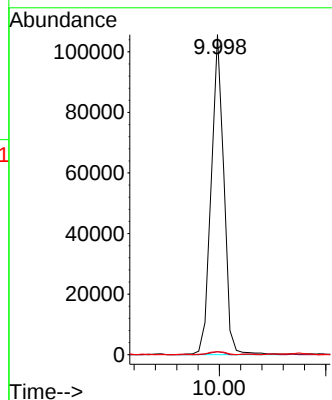
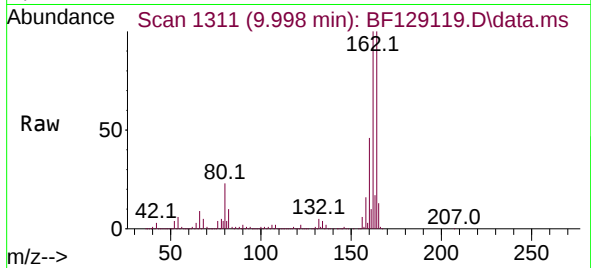




#51
2,6-Dinitrotoluene
Concen: 10.375 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

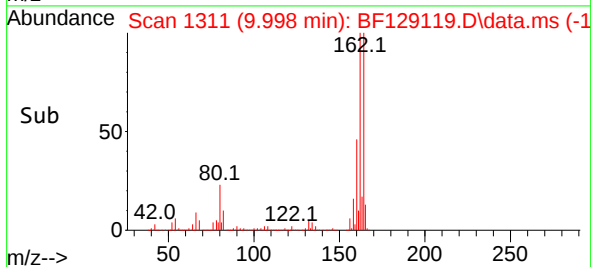
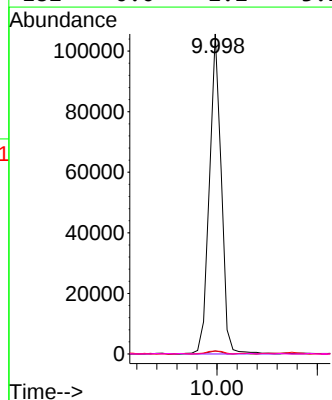
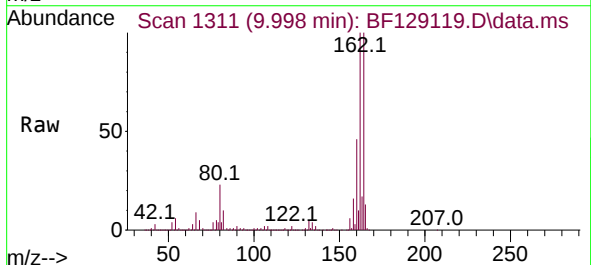
Instrument :
BNA_F
ClientSampleId :
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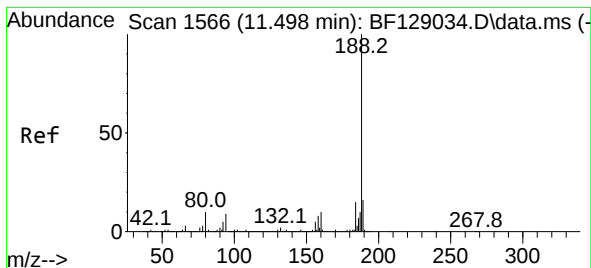
Tgt Ion:165 Resp: 87706
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 0.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.410 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion:165 Resp: 87769
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129119.D

Acq: 05 Jul 2022 12:40

Instrument :

BNA_F

ClientSampleId :

FB

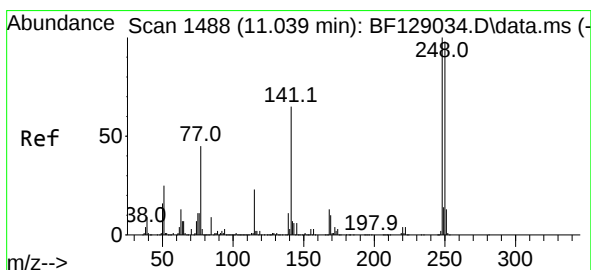
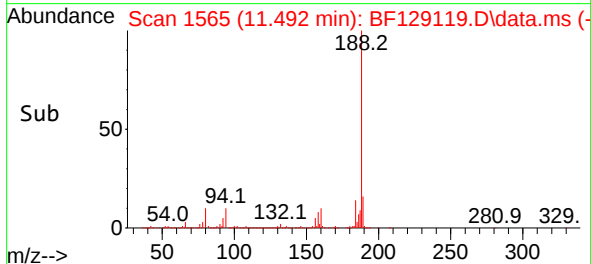
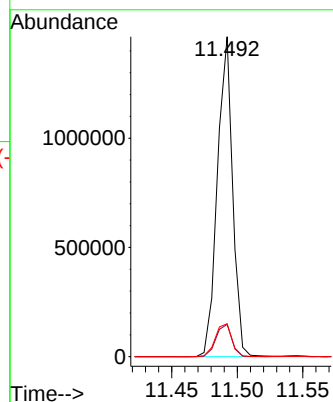
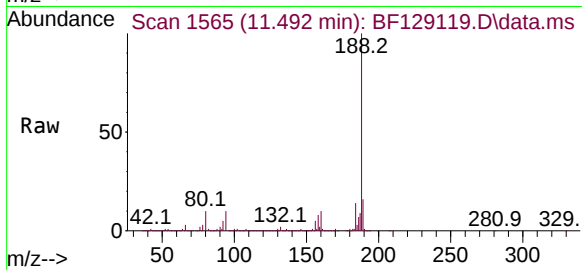
Tgt Ion:188 Resp: 1182897

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.128 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129119.D

Acq: 05 Jul 2022 12:40

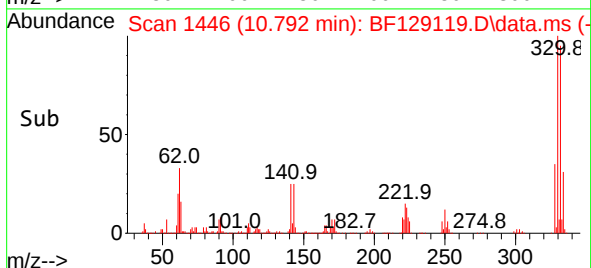
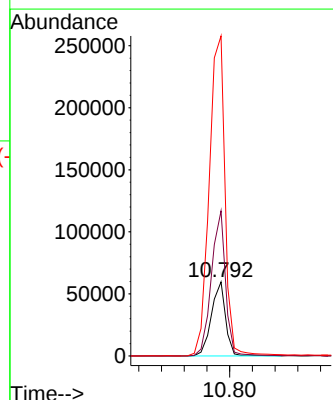
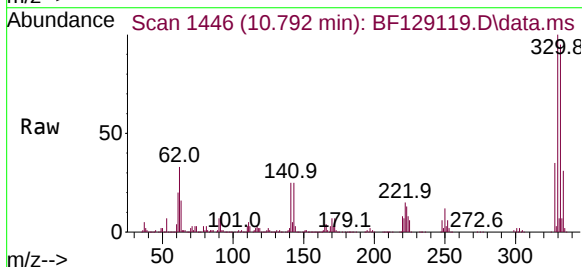
Tgt Ion:248 Resp: 51936

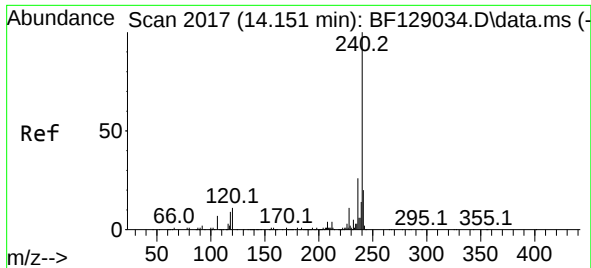
Ion Ratio Lower Upper

248 100

250 195.7 80.6 120.8#

141 431.5 58.9 88.3#

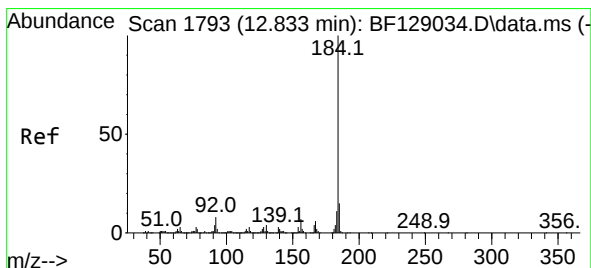
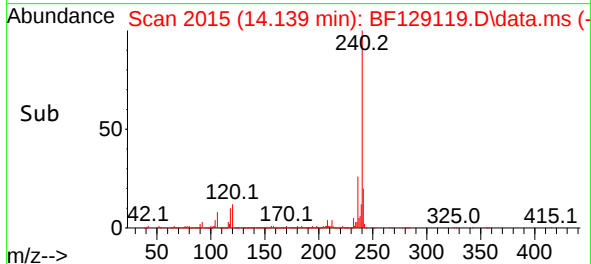
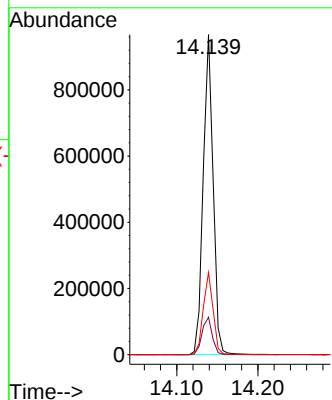
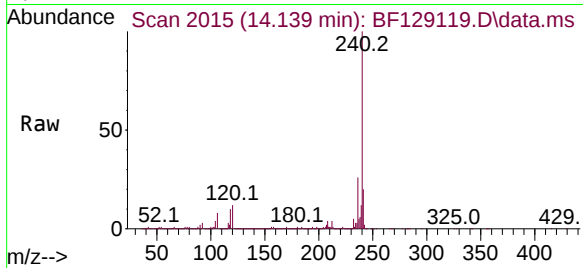




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

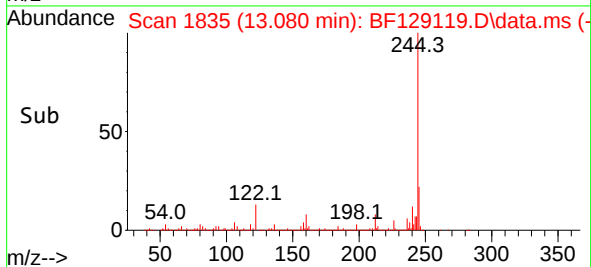
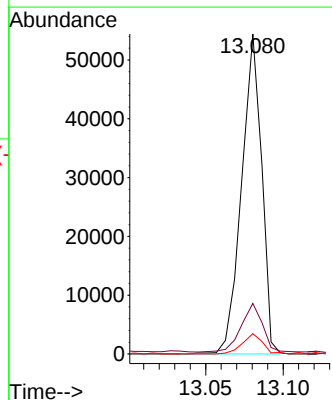
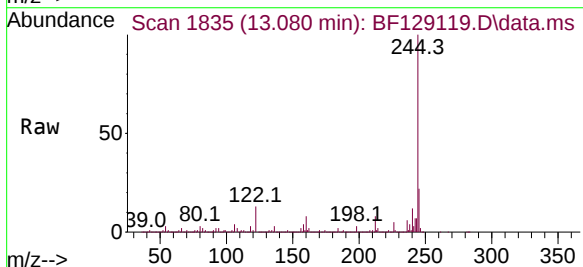
Instrument :
BNA_F
ClientSampleId :
FB

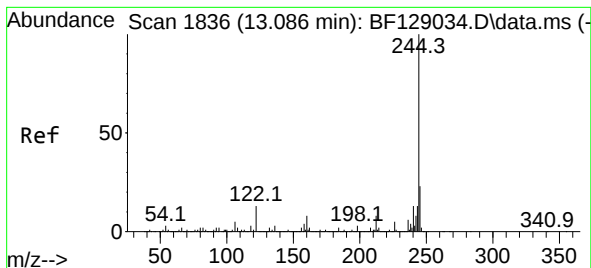
Tgt Ion:240 Resp: 822026
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.7 20.8 31.2



#77
Benzidine
Concen: 3.342 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129119.D
Acq: 05 Jul 2022 12:40

Tgt Ion:184 Resp: 48917
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 6.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 87.669 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129119.D

Acq: 05 Jul 2022 12:40

Instrument :

BNA_F

ClientSampleId :

FB

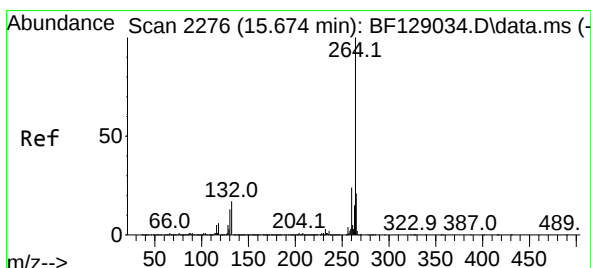
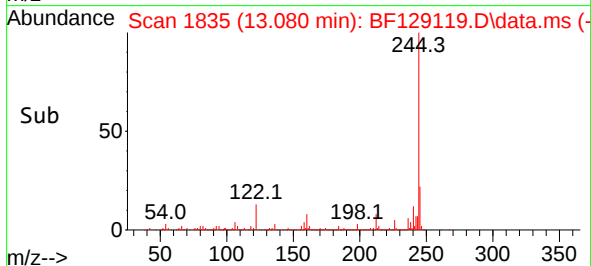
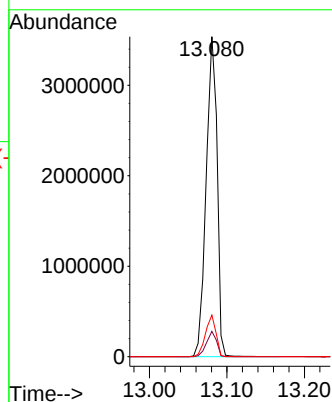
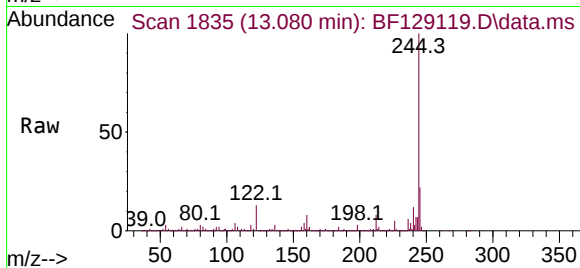
Tgt Ion:244 Resp: 3470355

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 13.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.663 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF129119.D

Acq: 05 Jul 2022 12:40

Tgt Ion:264 Resp: 784519

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.3 17.2 25.8

