

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129380.D
 Acq On : 27 Jul 2022 17:10
 Operator : CG\JU
 Sample : N3887-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB072522

Quant Time: Jul 28 01:31:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

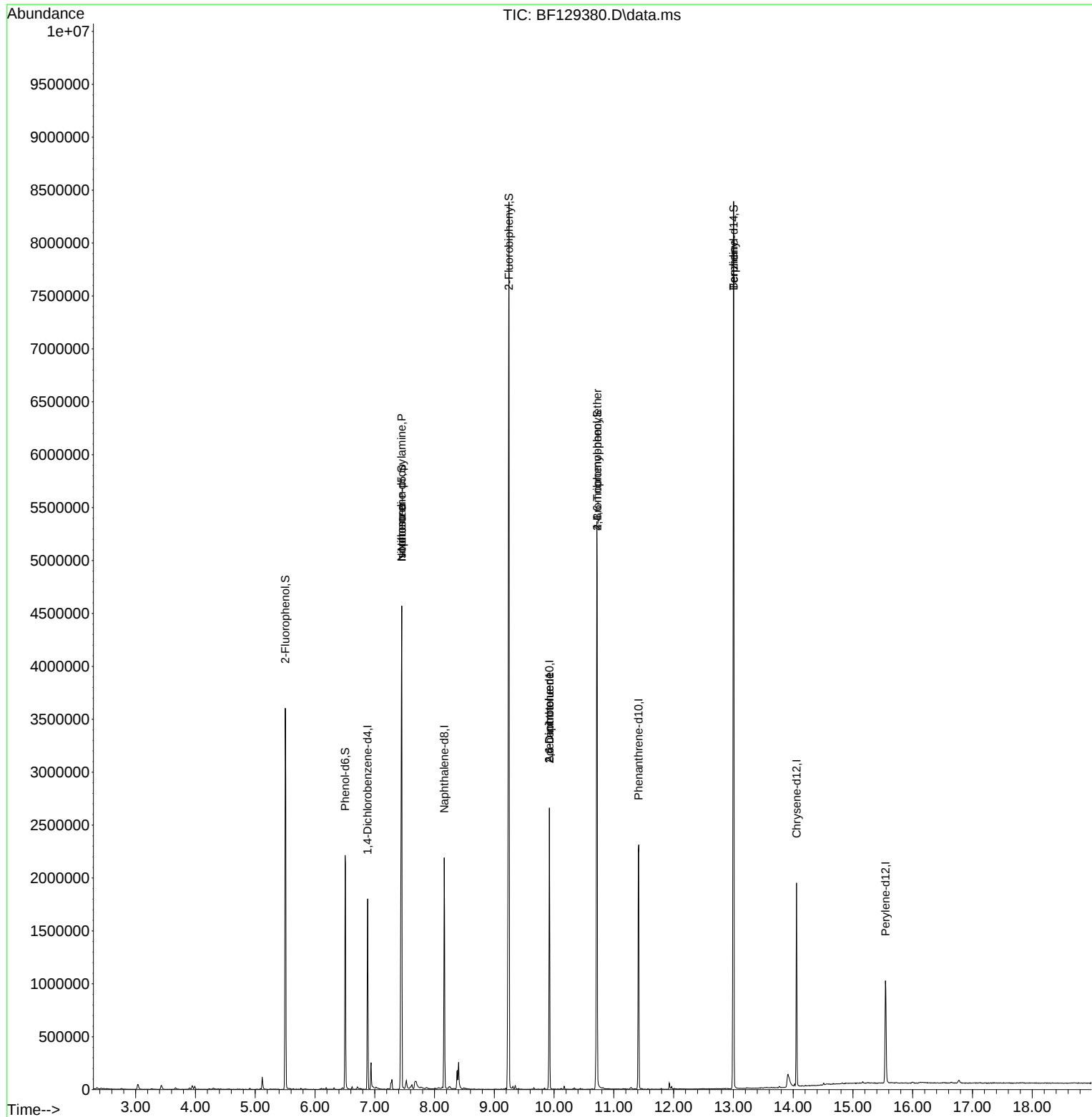
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	243676	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	966770	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	514202	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	863611	20.000	ng	0.00
76) Chrysene-d12	14.057	240	598180	20.000	ng	-0.01
86) Perylene-d12	15.545	264	450726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	988229	66.064	ng	0.00
7) Phenol-d6	6.504	99	761757	40.514	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1716233	96.907	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	742336	150.159	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2884888	86.790	ng	0.00
79) Terphenyl-d14	13.004	244	3081346	97.182	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	232307	20.409	ng	# 73
25) Isophorone	7.451	82	1710166	53.871	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	65710	8.271	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	65710	6.331	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	46573	4.925	ng	# 1
77) Benzidine	13.004	184	43383	2.053	ng	# 94

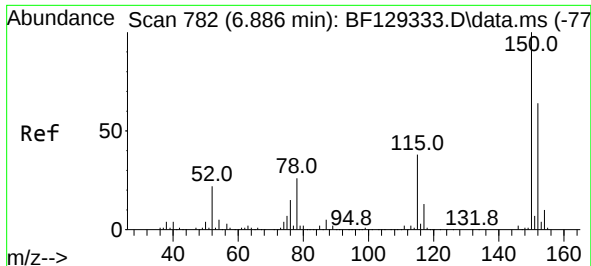
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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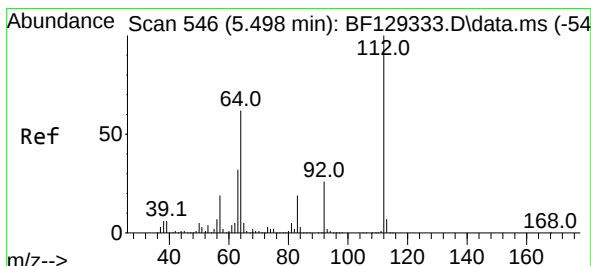
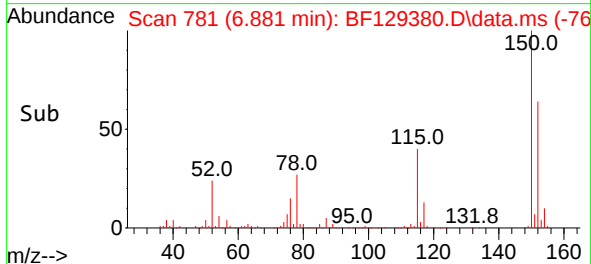
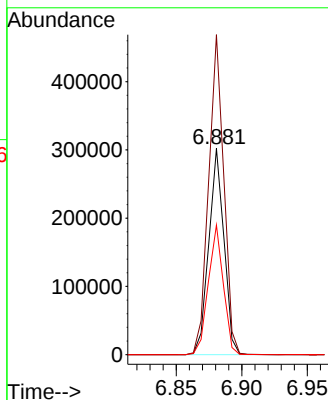
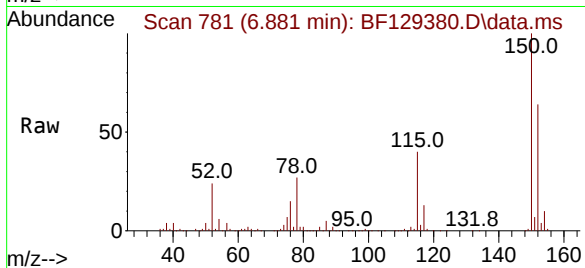




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129380.D
 Acq: 27 Jul 2022 17:10

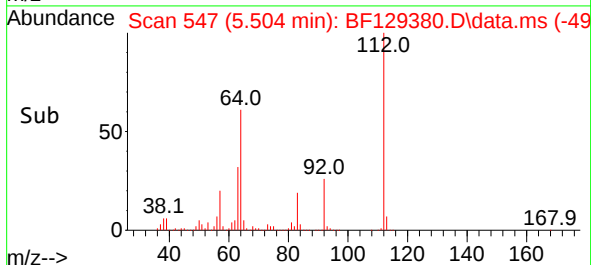
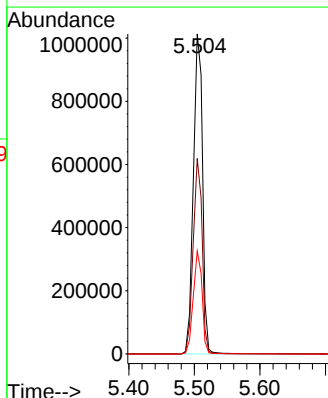
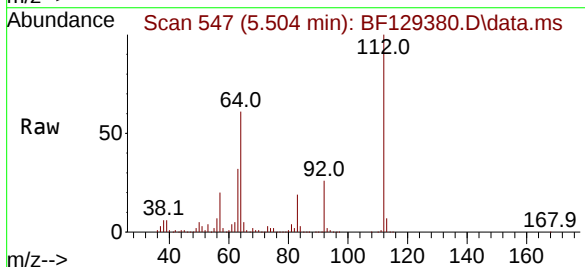
Instrument :
 BNA_F
 ClientSampleId :
 FB072522

Tgt Ion:152 Resp: 243676
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 66.064 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129380.D
 Acq: 27 Jul 2022 17:10

Tgt Ion:112 Resp: 988229
 Ion Ratio Lower Upper
 112 100
 64 61.1 53.3 79.9
 63 32.1 28.0 42.0

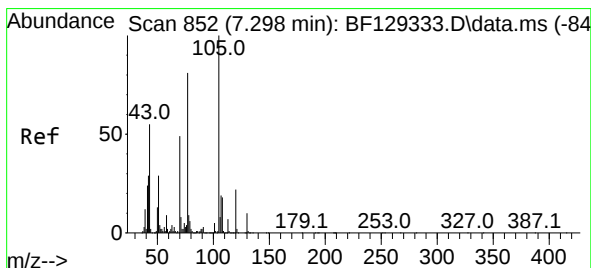
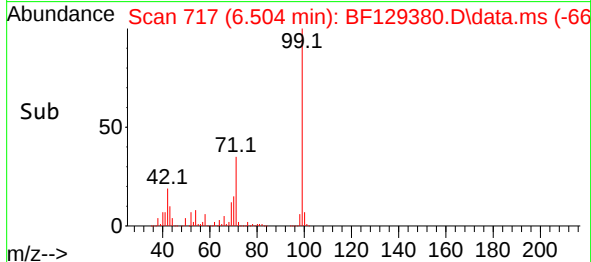
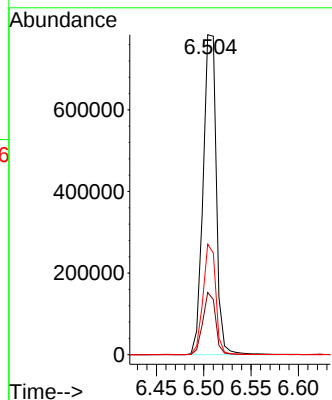
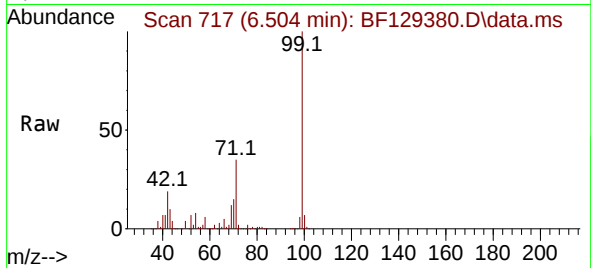




#7
Phenol-d6
Concen: 40.514 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

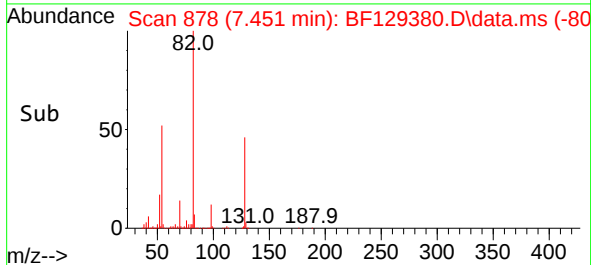
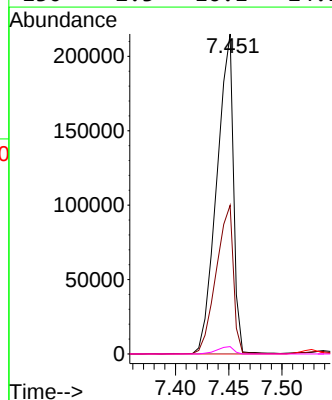
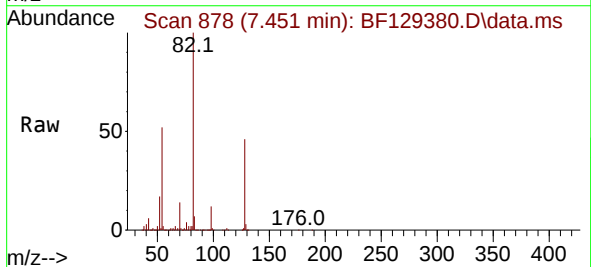
Instrument :
BNA_F
ClientSampleId :
FB072522

Tgt Ion: 99 Resp: 761757
Ion Ratio Lower Upper
99 100
42 19.4 17.3 25.9
71 34.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.409 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

Tgt Ion: 70 Resp: 232307
Ion Ratio Lower Upper
70 100
42 46.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

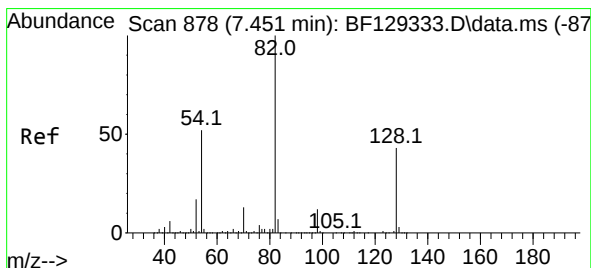
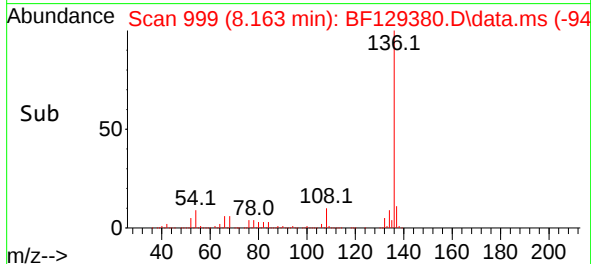
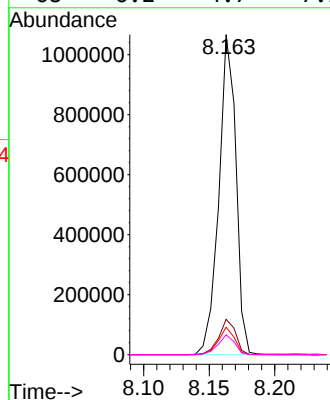
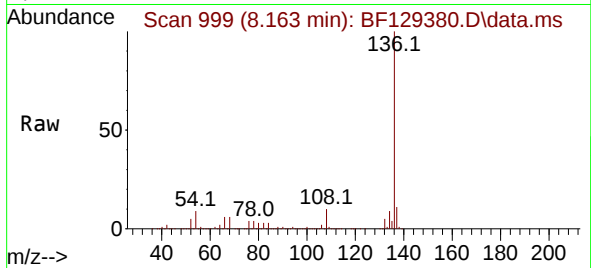




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

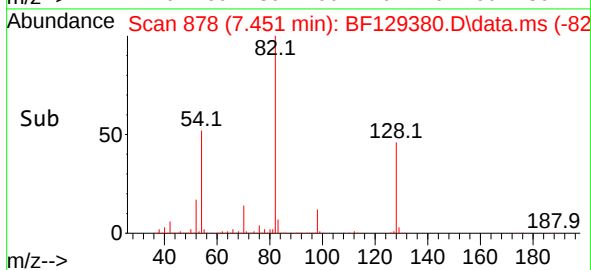
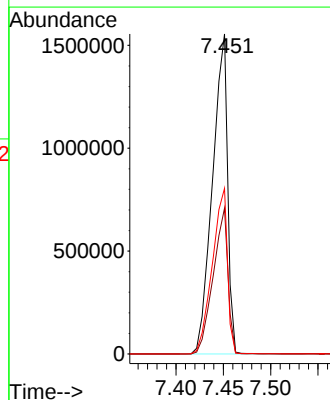
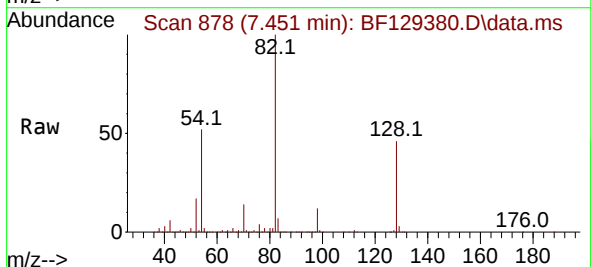
Instrument :
BNA_F
ClientSampleId :
FB072522

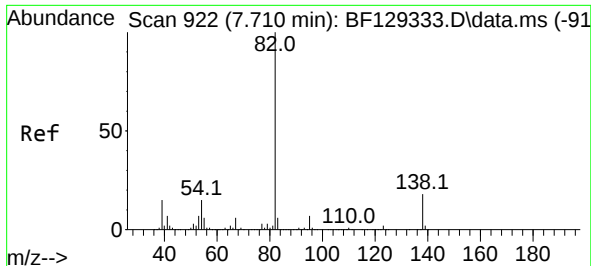
Tgt Ion:136 Resp: 966770
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 96.907 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

Tgt Ion: 82 Resp: 1716233
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 51.7 46.9 70.3

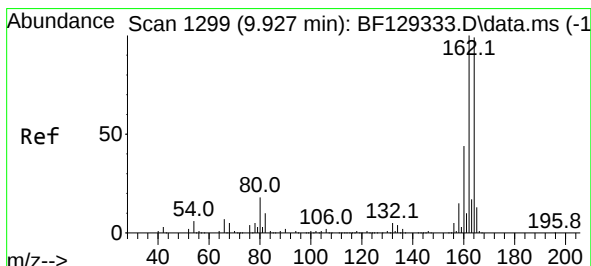
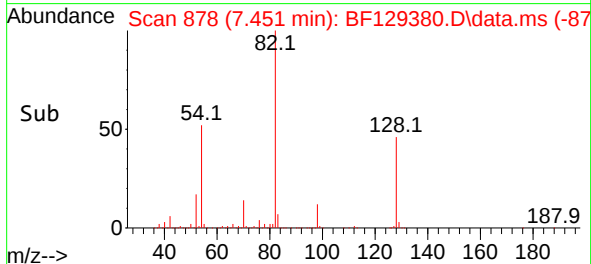
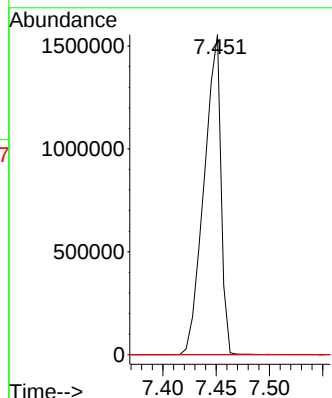
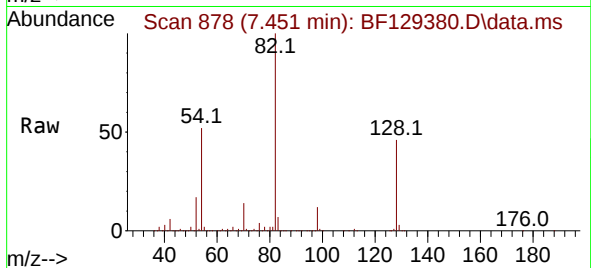




#25
Isophorone
Concen: 53.871 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

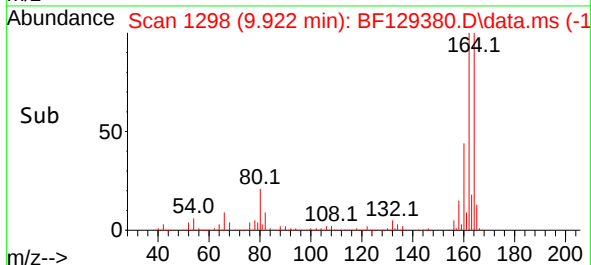
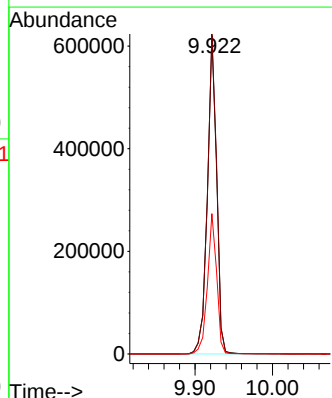
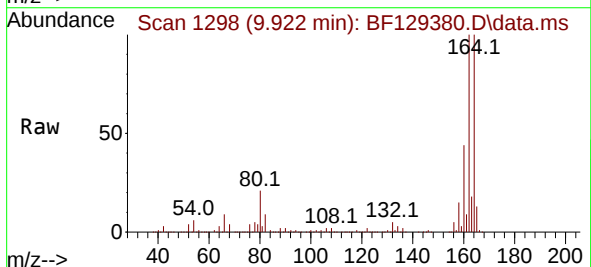
Instrument :
BNA_F
ClientSampleId :
FB072522

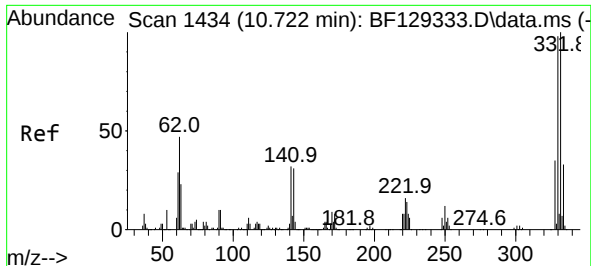
Tgt Ion: 82 Resp: 1710166
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

Tgt Ion:164 Resp: 514202
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 150.159 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129380.D

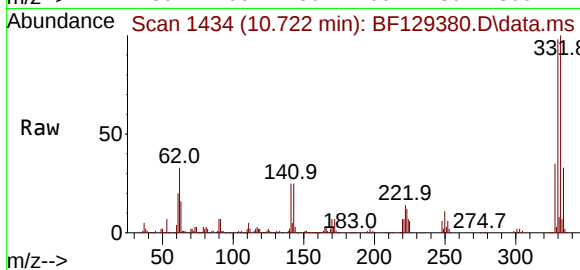
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Instrument :

BNA_F

ClientSampleId :

FB072522



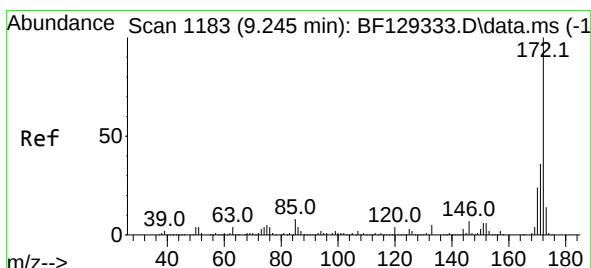
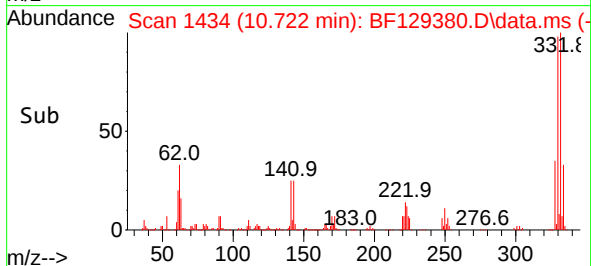
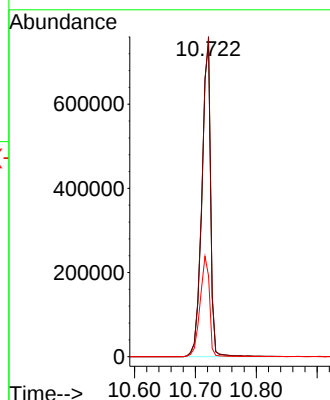
Tgt Ion:330 Resp: 742336

Ion Ratio Lower Upper

330 100

332 101.5 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.790 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129380.D

Acq: 27 Jul 2022 17:10

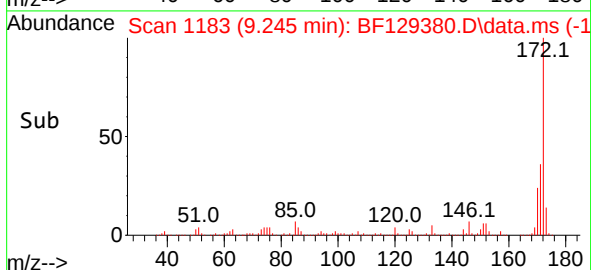
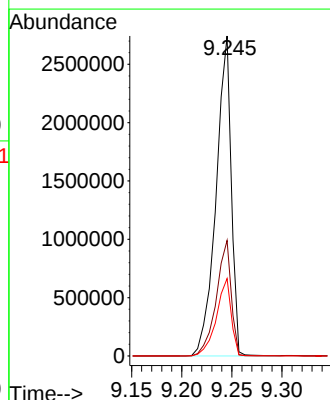
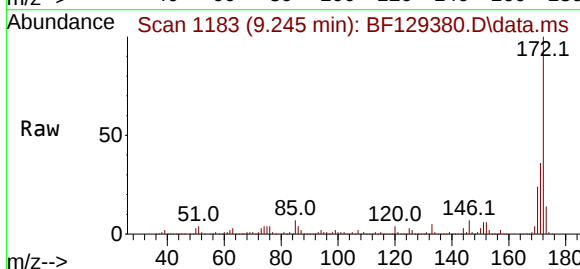
Tgt Ion:172 Resp: 2884888

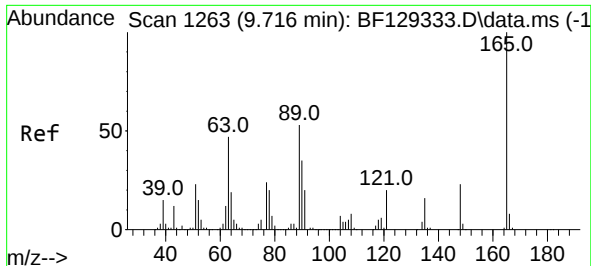
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.271 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129380.D

Acq: 27 Jul 2022 17:10

Instrument :

BNA_F

ClientSampleId :

FB072522

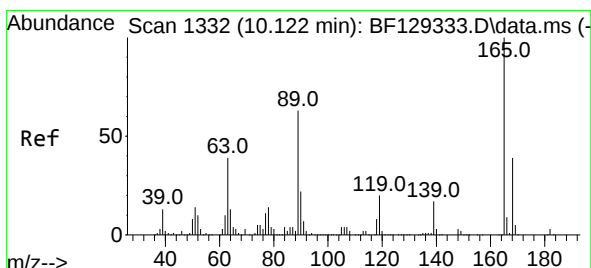
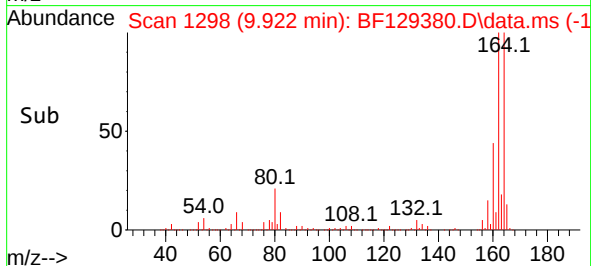
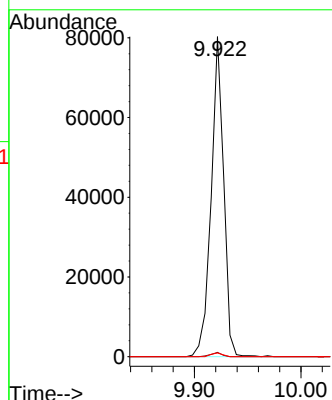
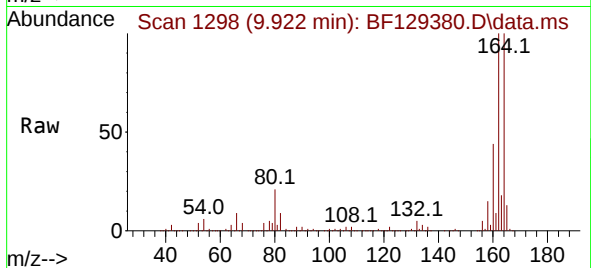
Tgt Ion:165 Resp: 65710

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.331 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129380.D

Acq: 27 Jul 2022 17:10

Tgt Ion:165 Resp: 65710

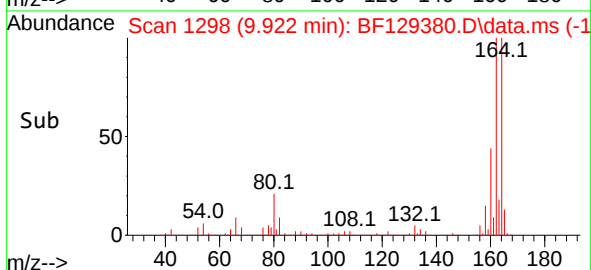
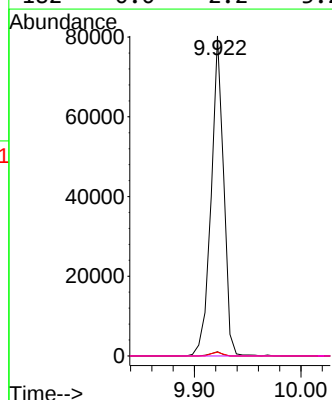
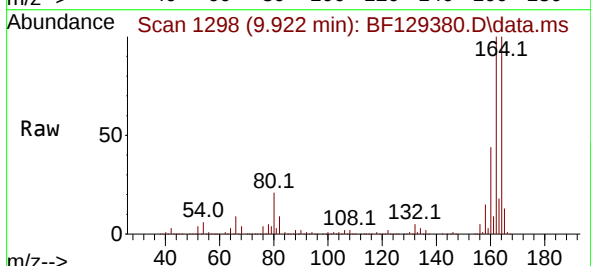
Ion Ratio Lower Upper

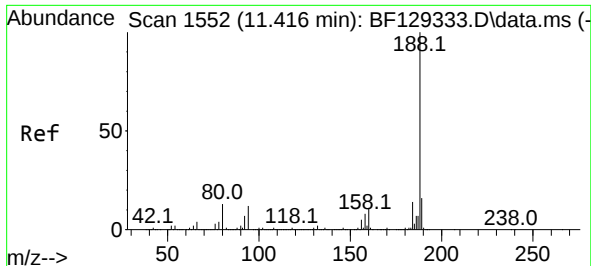
165 100

63 1.4 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

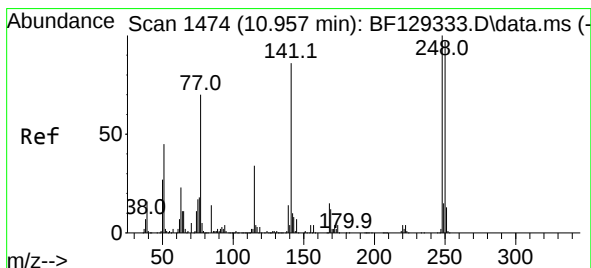
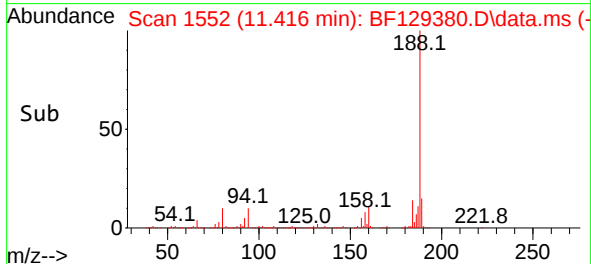
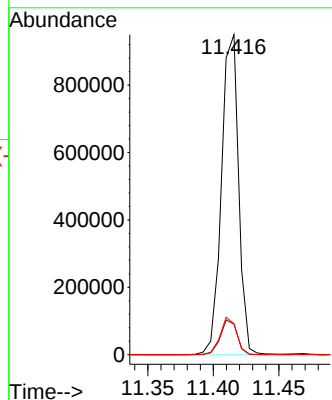
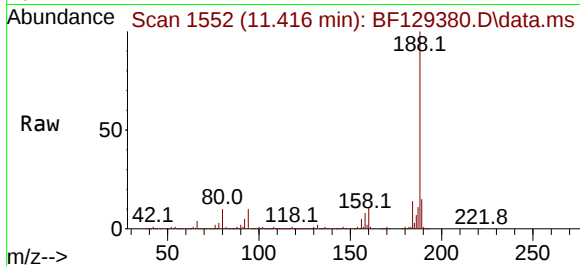




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

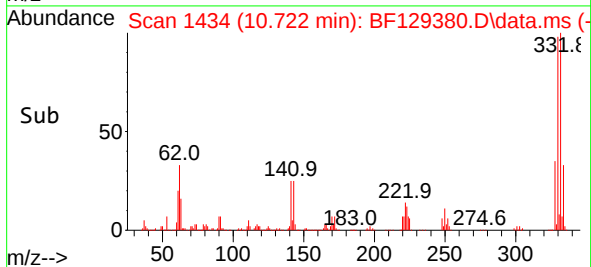
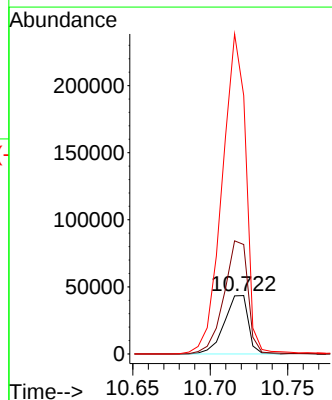
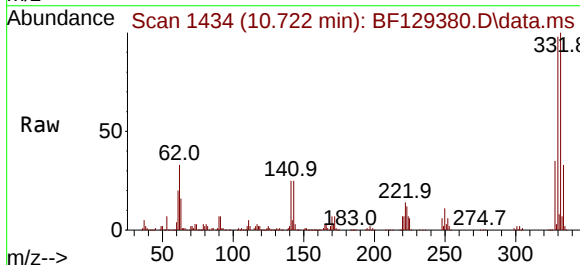
Instrument :
BNA_F
ClientSampleId :
FB072522

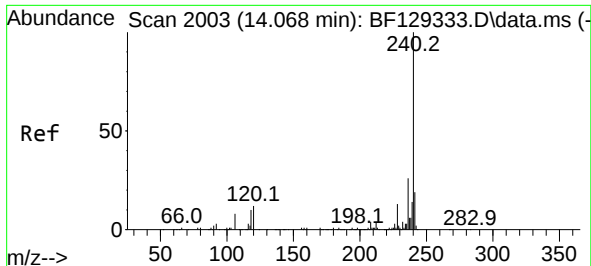
Tgt Ion:188 Resp: 863611
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.925 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

Tgt Ion:248 Resp: 46573
Ion Ratio Lower Upper
248 100
250 187.0 80.6 120.8#
141 441.9 58.9 88.3#

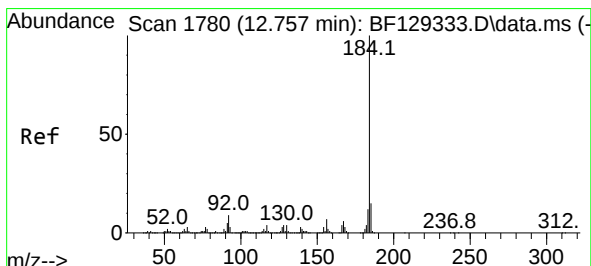
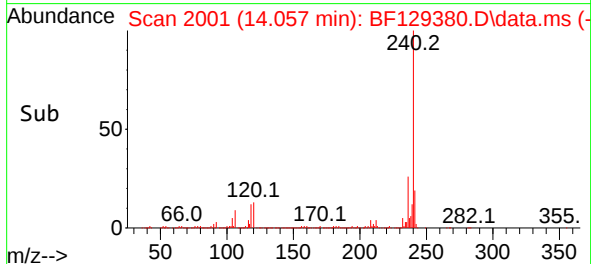
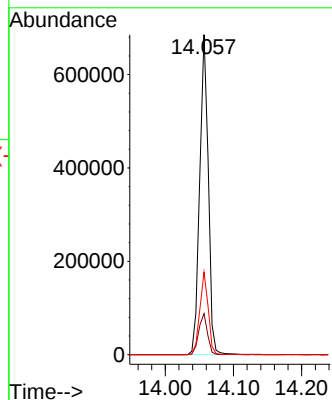
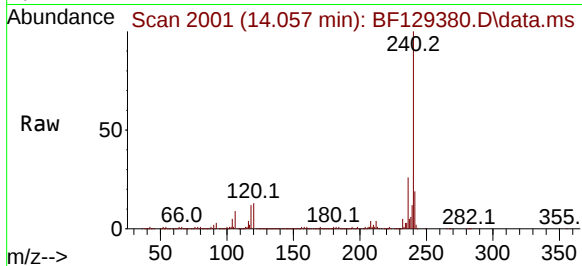




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

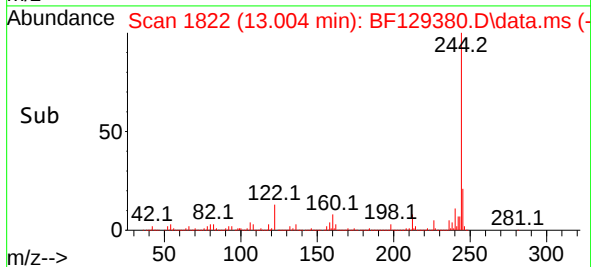
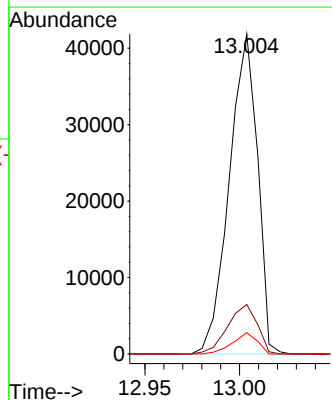
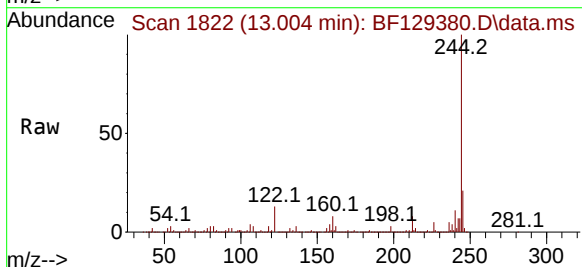
Instrument :
BNA_F
ClientSampleId :
FB072522

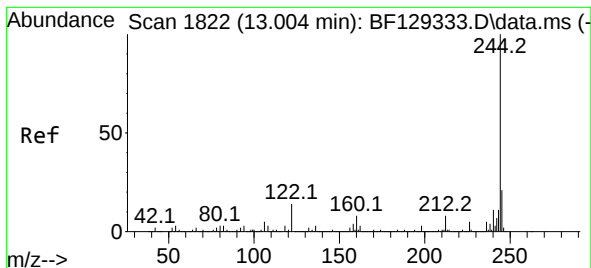
Tgt Ion:240 Resp: 598180
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.053 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129380.D
Acq: 27 Jul 2022 17:10

Tgt Ion:184 Resp: 43383
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 6.7 9.3 13.9#





#79

Terphenyl-d14

Concen: 97.182 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129380.D

Acq: 27 Jul 2022 17:10

Instrument :

BNA_F

ClientSampleId :

FB072522

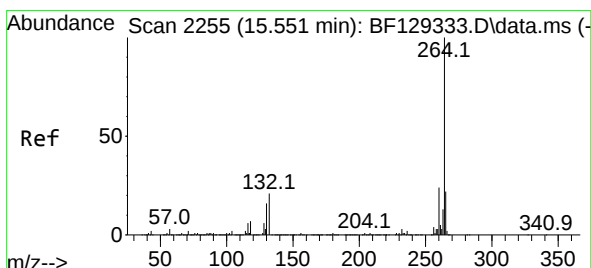
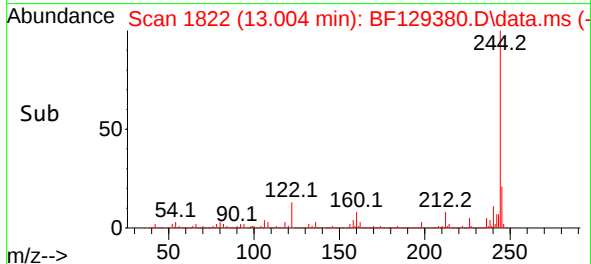
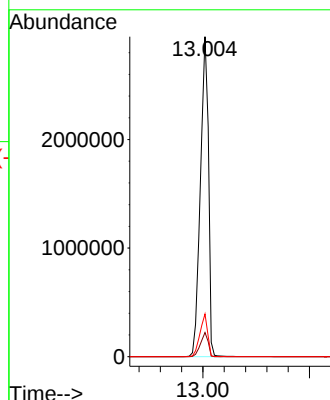
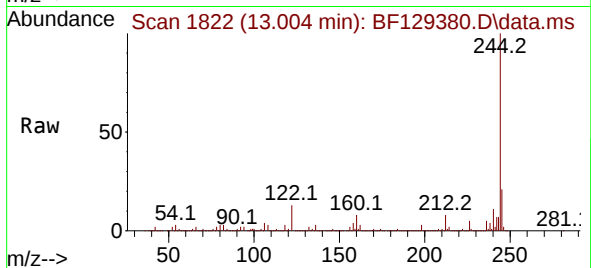
Tgt Ion:244 Resp: 3081346

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 13.3 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF129380.D

Acq: 27 Jul 2022 17:10

Tgt Ion:264 Resp: 450726

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.6 17.2 25.8

