

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129256.D
 Acq On : 16 Jul 2022 00:43
 Operator : CG\JU
 Sample : N3730-06 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 16 01:44:18 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)

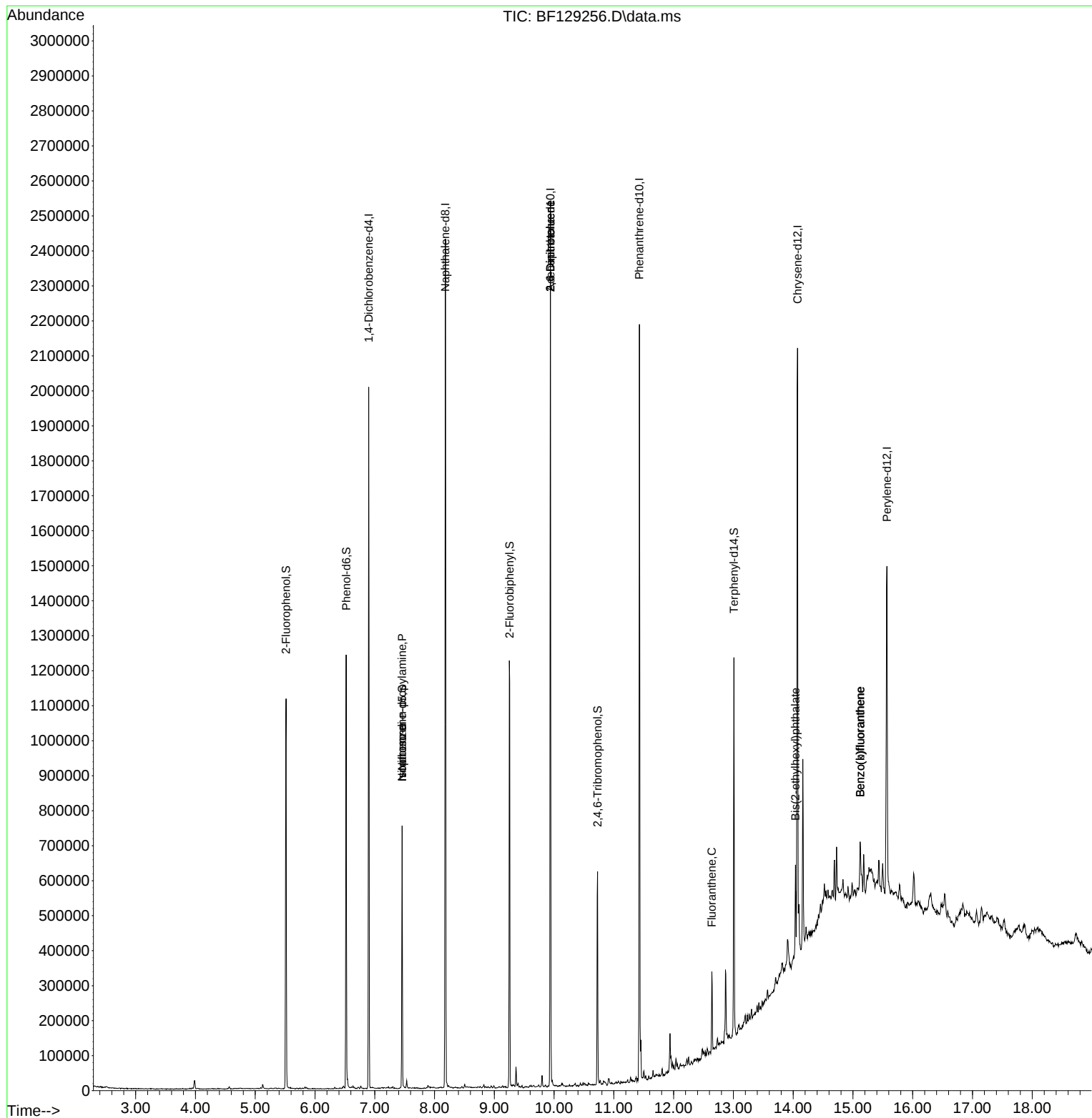
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	263741	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	967221	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	448307	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	681789	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	563061	20.000	ng	0.00
86) Perylene-d12	15.568	264	395078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	293513	17.773	ng	0.00
7) Phenol-d6	6.522	99	350865	16.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	196917	10.883	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	62575	15.038	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	364123	13.761	ng	0.00
79) Terphenyl-d14	13.010	244	331026	10.998	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	25772	2.051	ng	# 76
25) Isophorone	7.457	82	196913	6.475	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	58964	9.366	ng	# 25
57) 2,4-Dinitrotoluene	9.939	165	58964	7.143	ng	# 21
75) Fluoranthene	12.639	202	82581	2.395	ng	97
84) Bis(2-ethylhexyl)phtha...	14.039	149	63222	2.339	ng	99
88) Benzo(b)fluoranthene	15.121	252	84539	3.483	ng	# 86
89) Benzo(k)fluoranthene	15.121	252	84539	3.565	ng	# 86

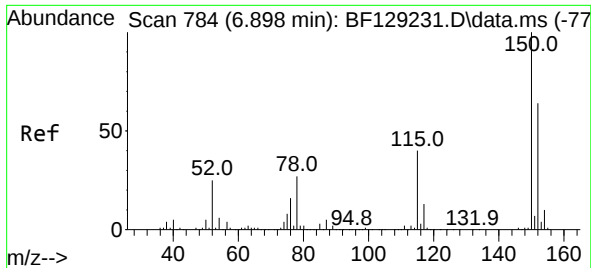
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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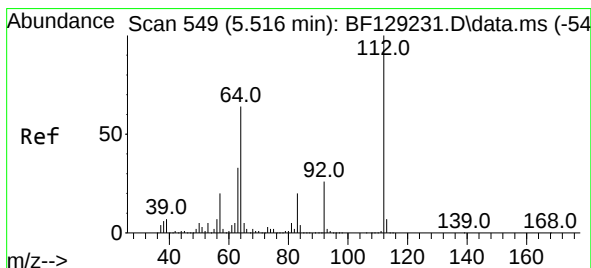
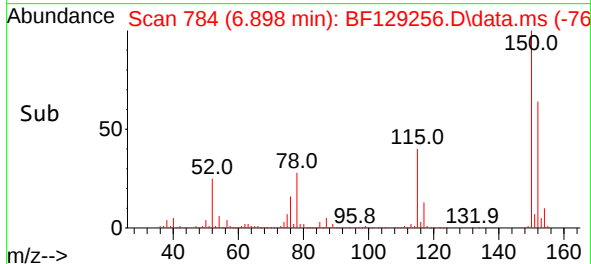
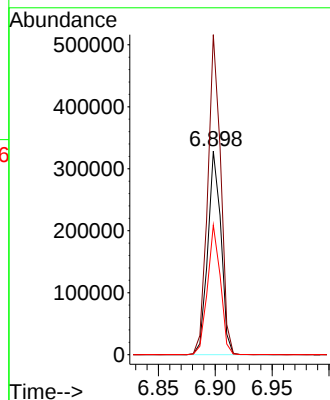
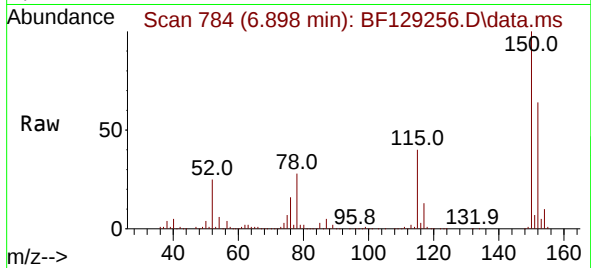




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

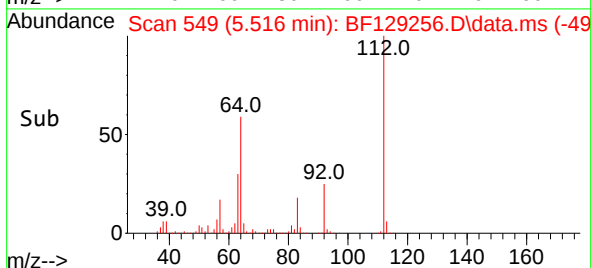
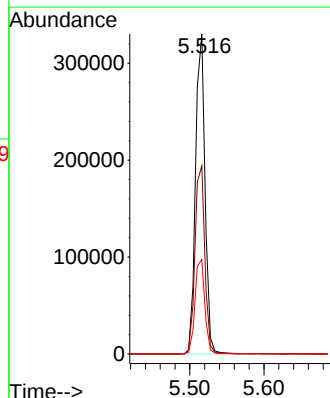
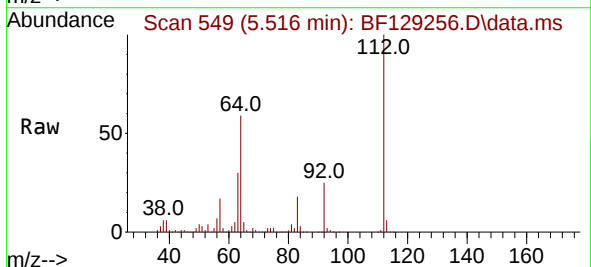
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:152 Resp: 263741
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 17.773 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion:112 Resp: 293513
Ion Ratio Lower Upper
112 100
64 58.8 53.3 79.9
63 29.5 28.0 42.0

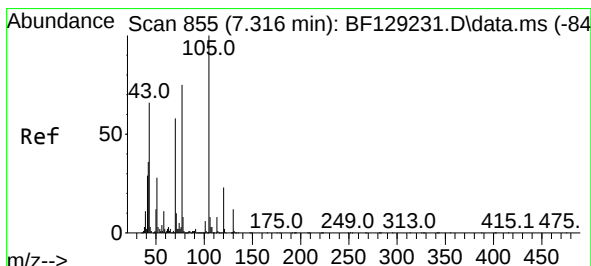
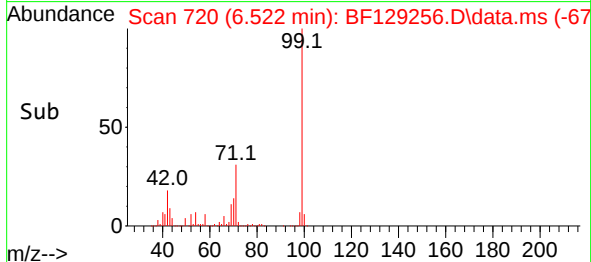
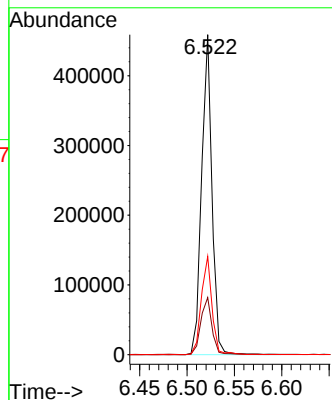
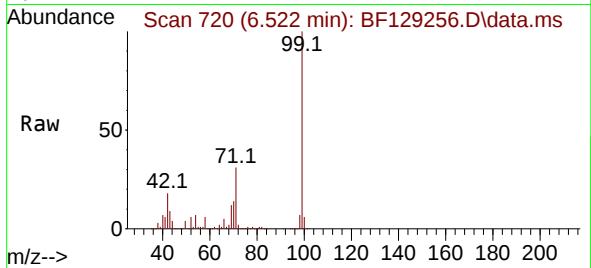




#7
Phenol-d6
Concen: 16.427 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

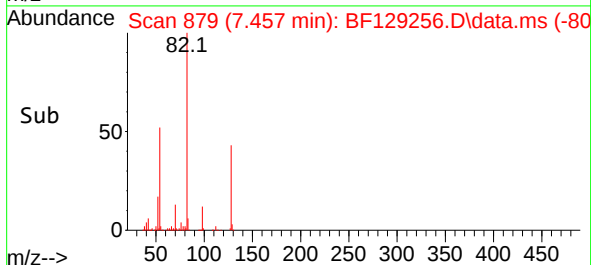
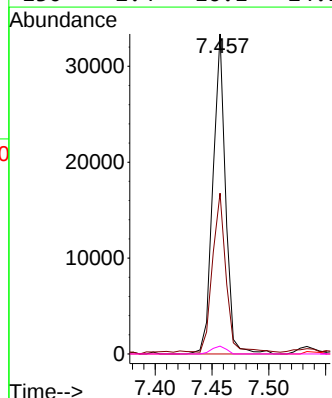
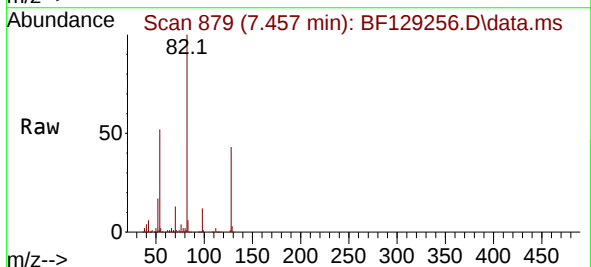
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

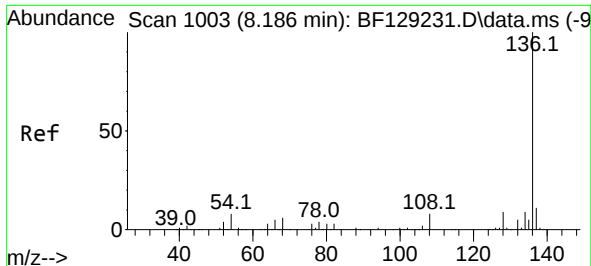
Tgt Ion: 99 Resp: 350865
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 30.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.051 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion: 70 Resp: 25772
Ion Ratio Lower Upper
70 100
42 50.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 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: BF129256.D

Acq: 16 Jul 2022 00:43

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion:136 Resp: 967221

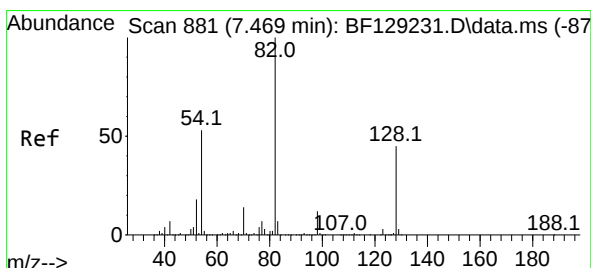
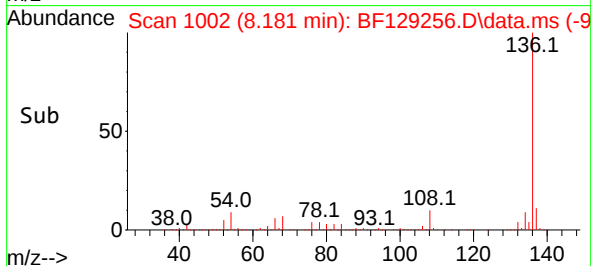
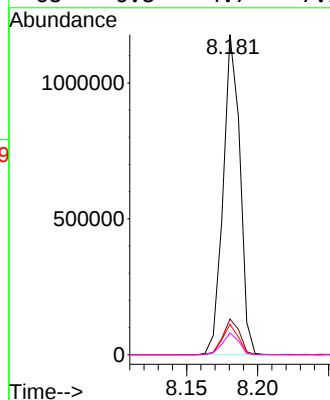
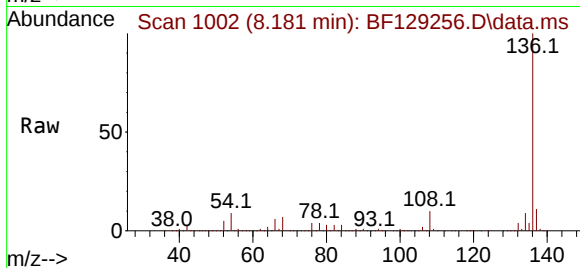
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.5 11.3

68 6.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 10.883 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.012 min

Lab File: BF129256.D

Acq: 16 Jul 2022 00:43

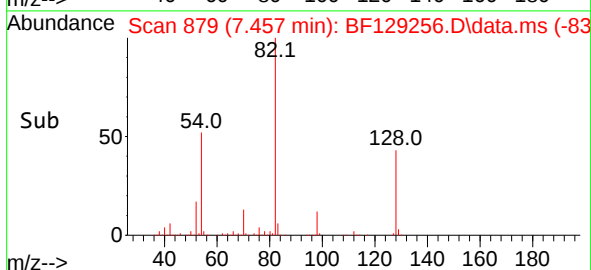
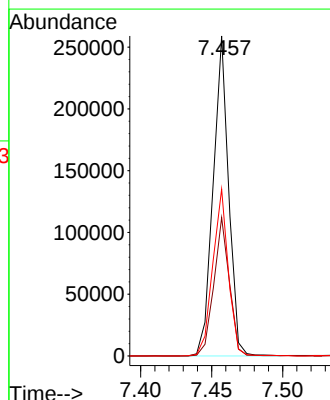
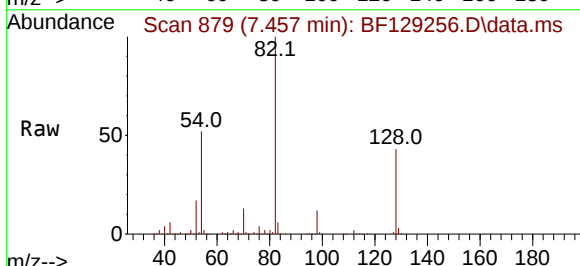
Tgt Ion: 82 Resp: 196917

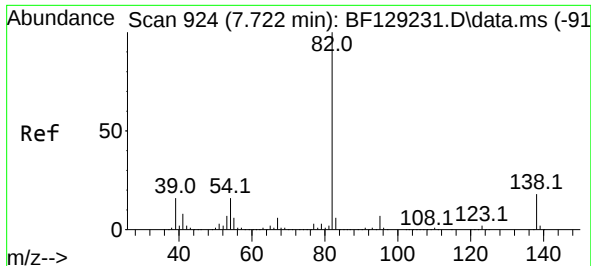
Ion Ratio Lower Upper

82 100

128 43.3 34.0 51.0

54 52.1 46.9 70.3

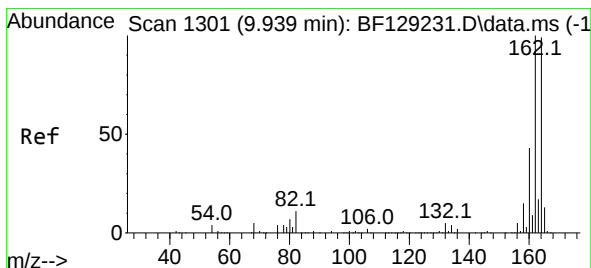
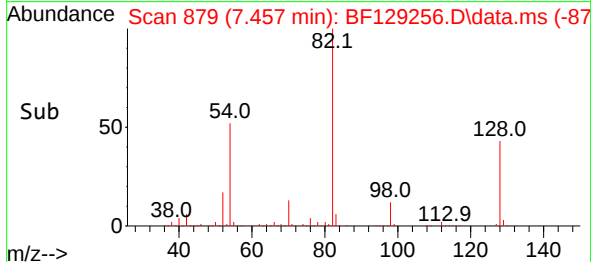
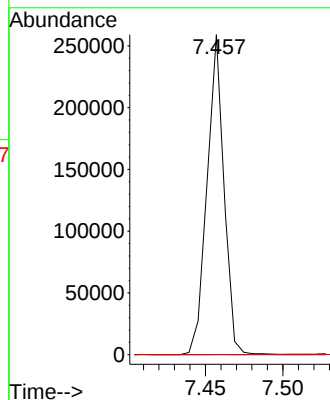
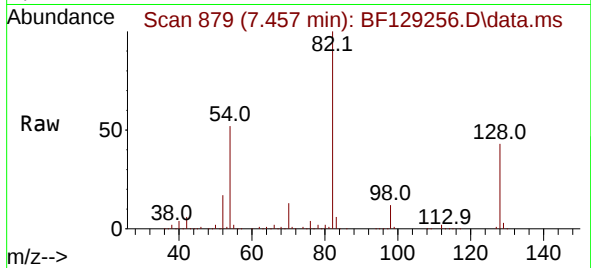




#25
Isophorone
Concen: 6.475 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

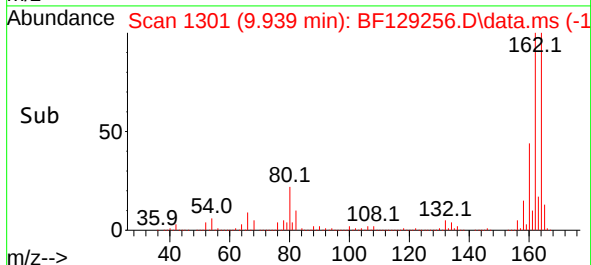
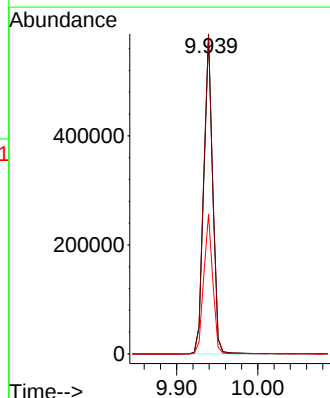
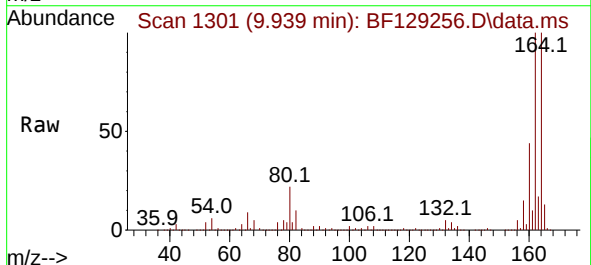
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

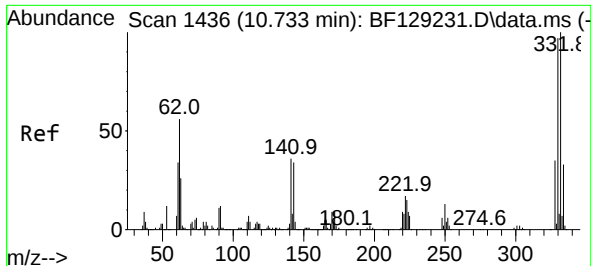
Tgt Ion: 82 Resp: 196913
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion:164 Resp: 448307
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 15.038 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129256.D

Acq: 16 Jul 2022 00:43

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

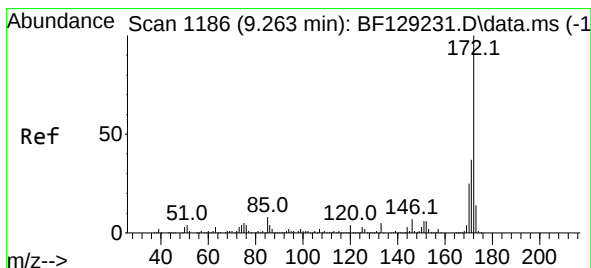
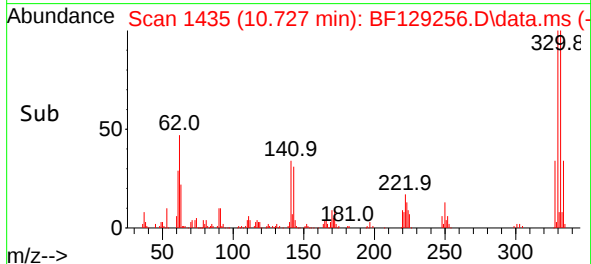
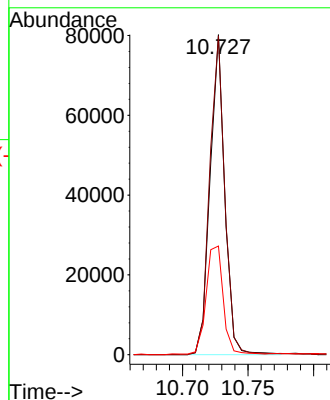
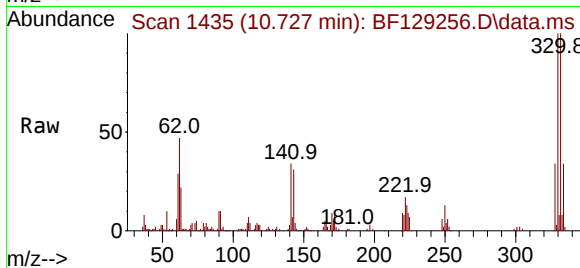
Tgt Ion:330 Resp: 62575

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 40.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.761 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129256.D

Acq: 16 Jul 2022 00:43

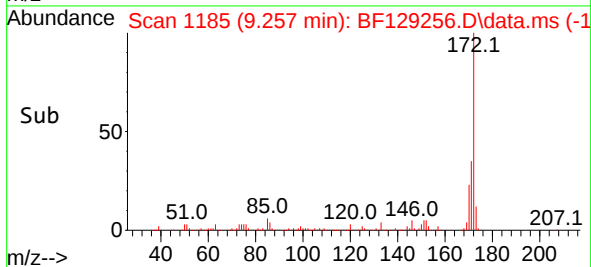
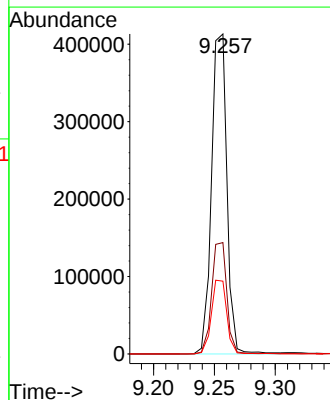
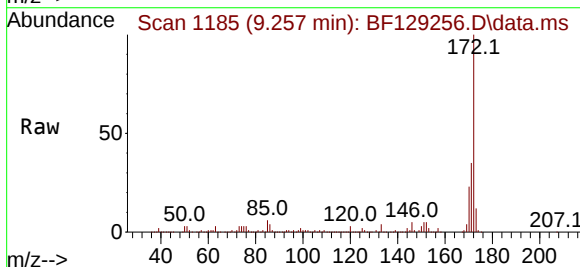
Tgt Ion:172 Resp: 364123

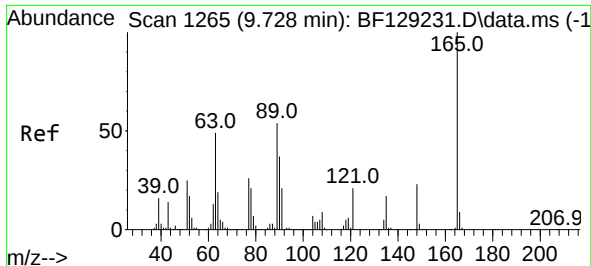
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 22.8 19.8 29.8

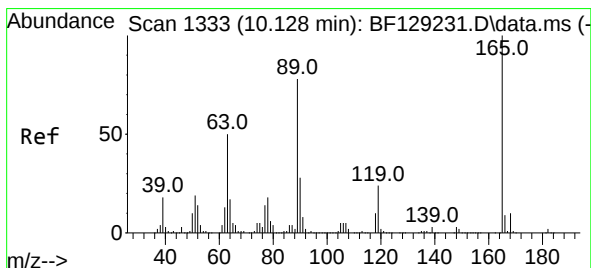
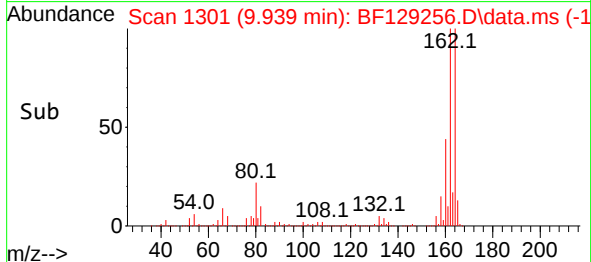
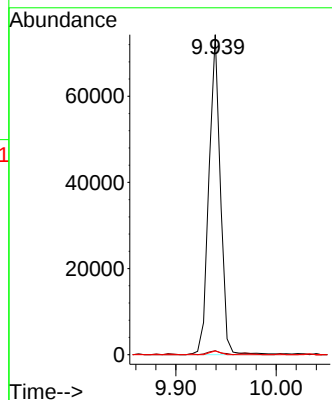
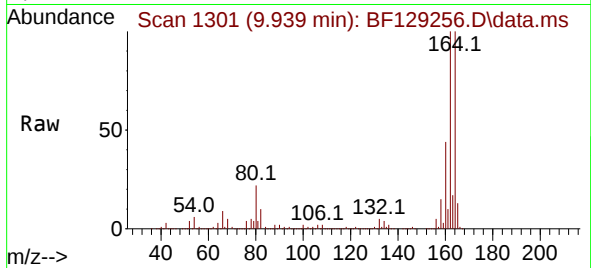




#51
2,6-Dinitrotoluene
Concen: 9.366 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

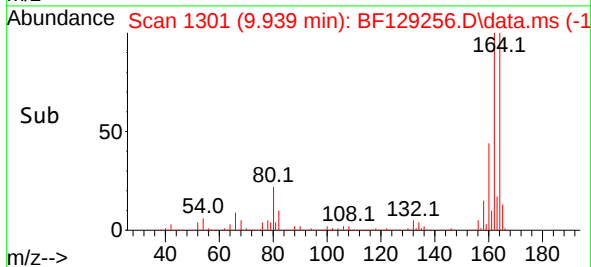
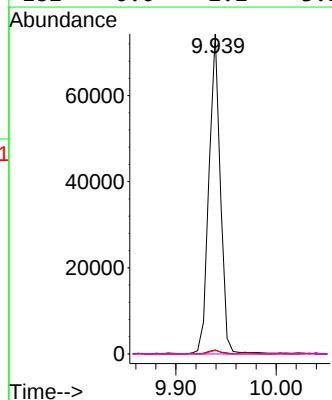
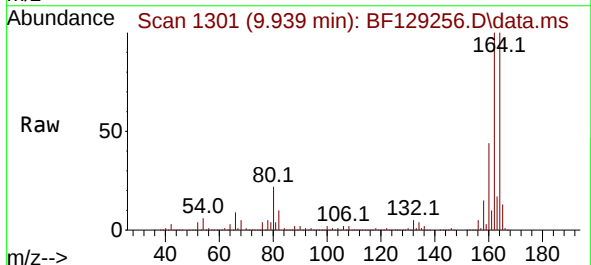
Instrument :
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SB-03-COMP

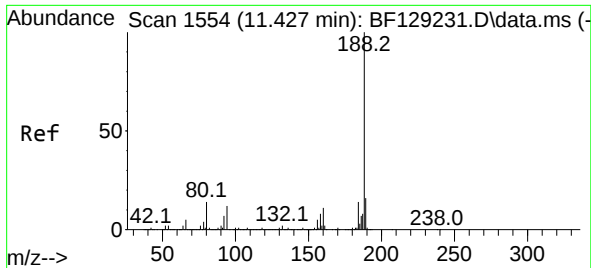
Tgt Ion:165 Resp: 58964
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.143 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion:165 Resp: 58964
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

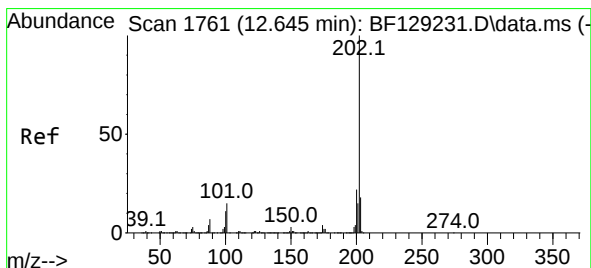
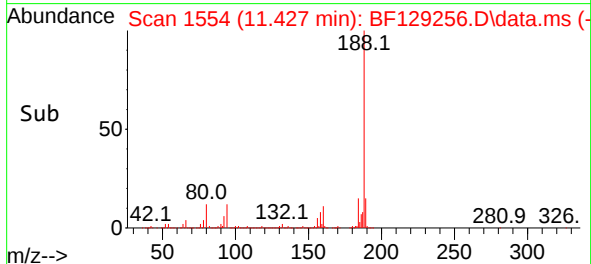
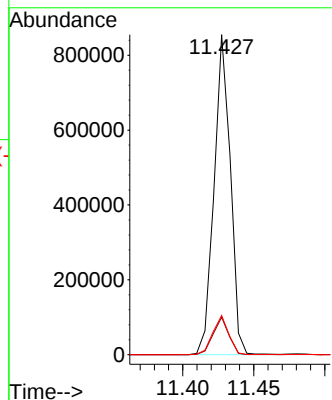
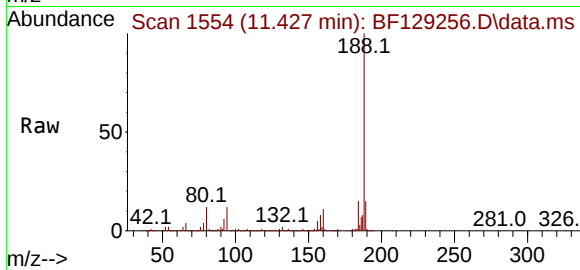




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

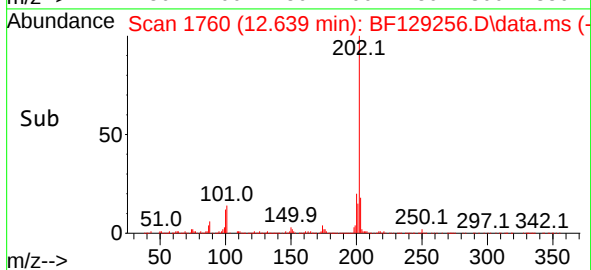
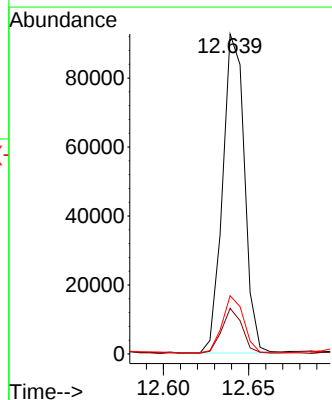
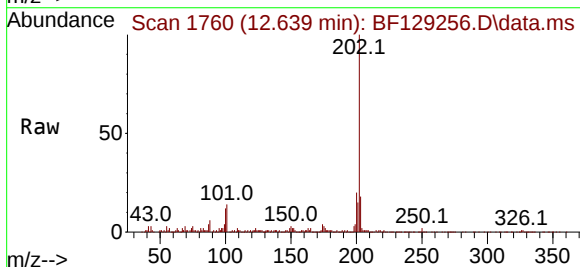
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

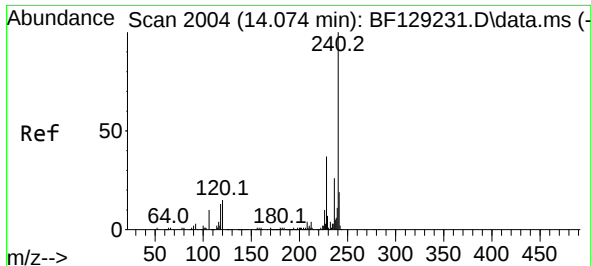
Tgt Ion:188 Resp: 681789
Ion Ratio Lower Upper
188 100
94 11.7 7.0 10.6#
80 12.2 7.6 11.4#



#75
Fluoranthene
Concen: 2.395 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion:202 Resp: 82581
Ion Ratio Lower Upper
202 100
101 14.2 0.0 31.4
203 18.2 0.0 38.0

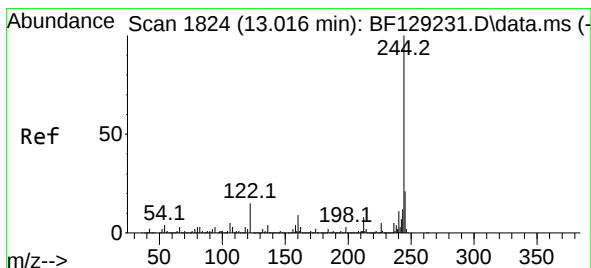
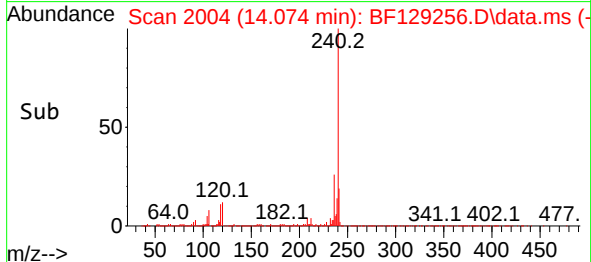
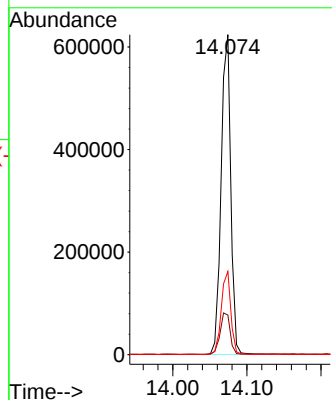
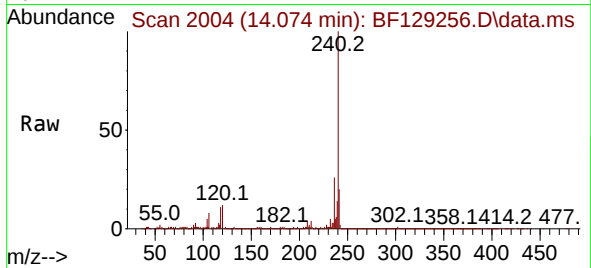




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

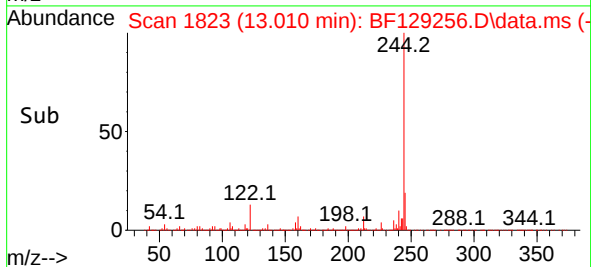
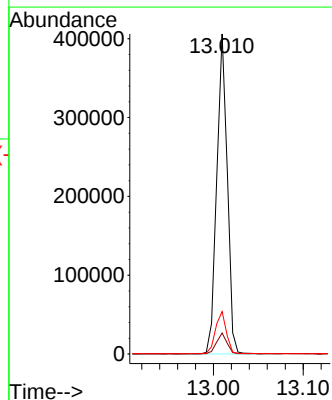
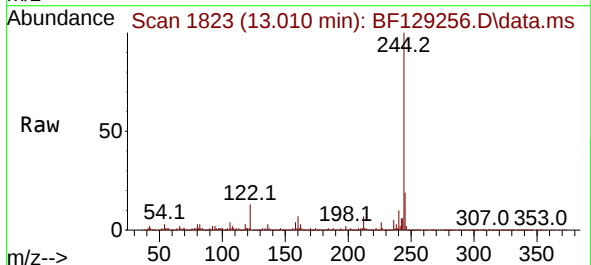
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

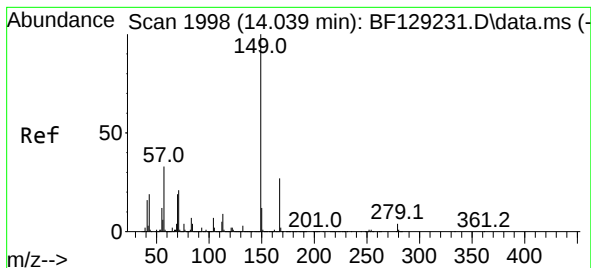
Tgt Ion:240 Resp: 563061
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 10.998 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion:244 Resp: 331026
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 13.2 8.8 13.2#

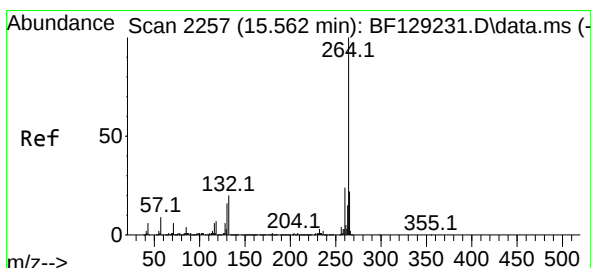
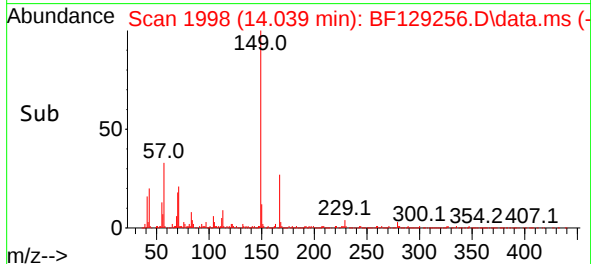
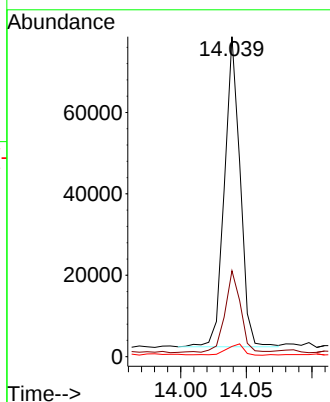
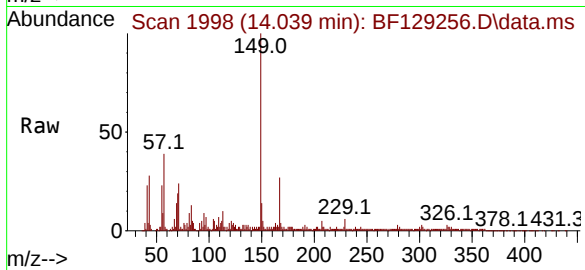




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.339 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

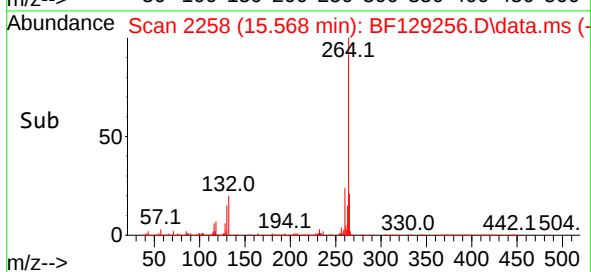
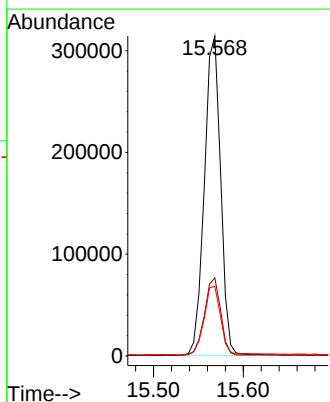
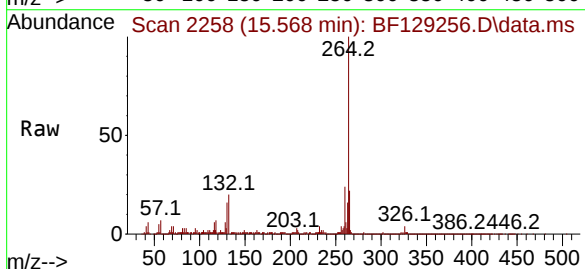
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

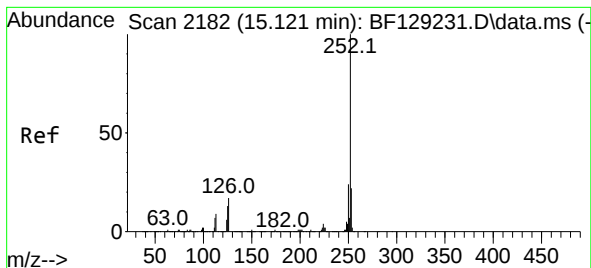
Tgt Ion:149 Resp: 63222
Ion Ratio Lower Upper
149 100
167 26.9 21.0 31.4
279 3.2 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF129256.D
Acq: 16 Jul 2022 00:43

Tgt Ion:264 Resp: 395078
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.483 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF129256.D

Acq: 16 Jul 2022 00:43

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

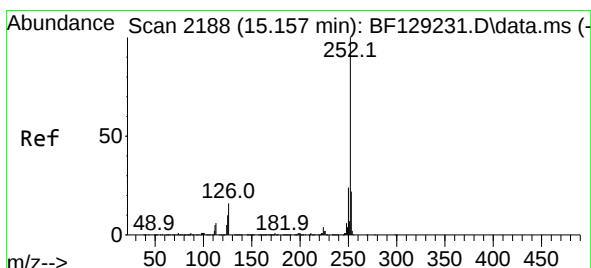
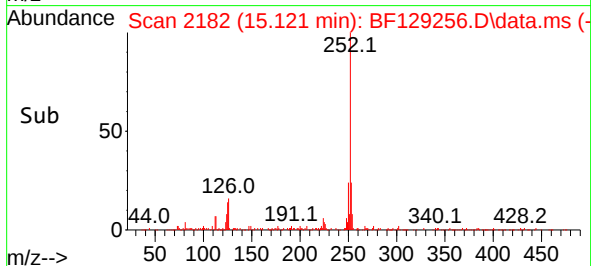
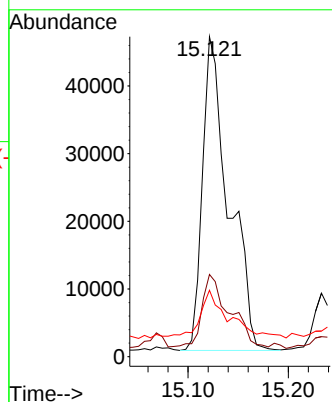
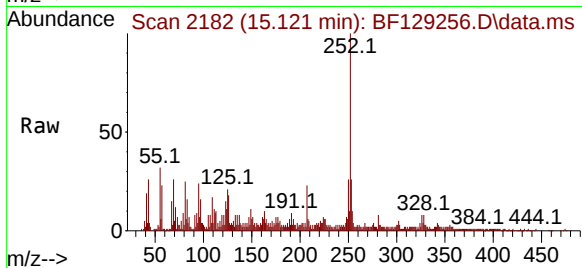
Tgt Ion:252 Resp: 84539

Ion Ratio Lower Upper

252 100

253 25.7 17.7 26.5

125 20.7 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 3.565 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.035 min

Lab File: BF129256.D

Acq: 16 Jul 2022 00:43

Tgt Ion:252 Resp: 84539

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.6

125 20.7 8.3 12.5#

