

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129579.D
 Acq On : 04 Aug 2022 20:23
 Operator : CG\JU
 Sample : N4016-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-DS

Quant Time: Aug 05 02:09:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

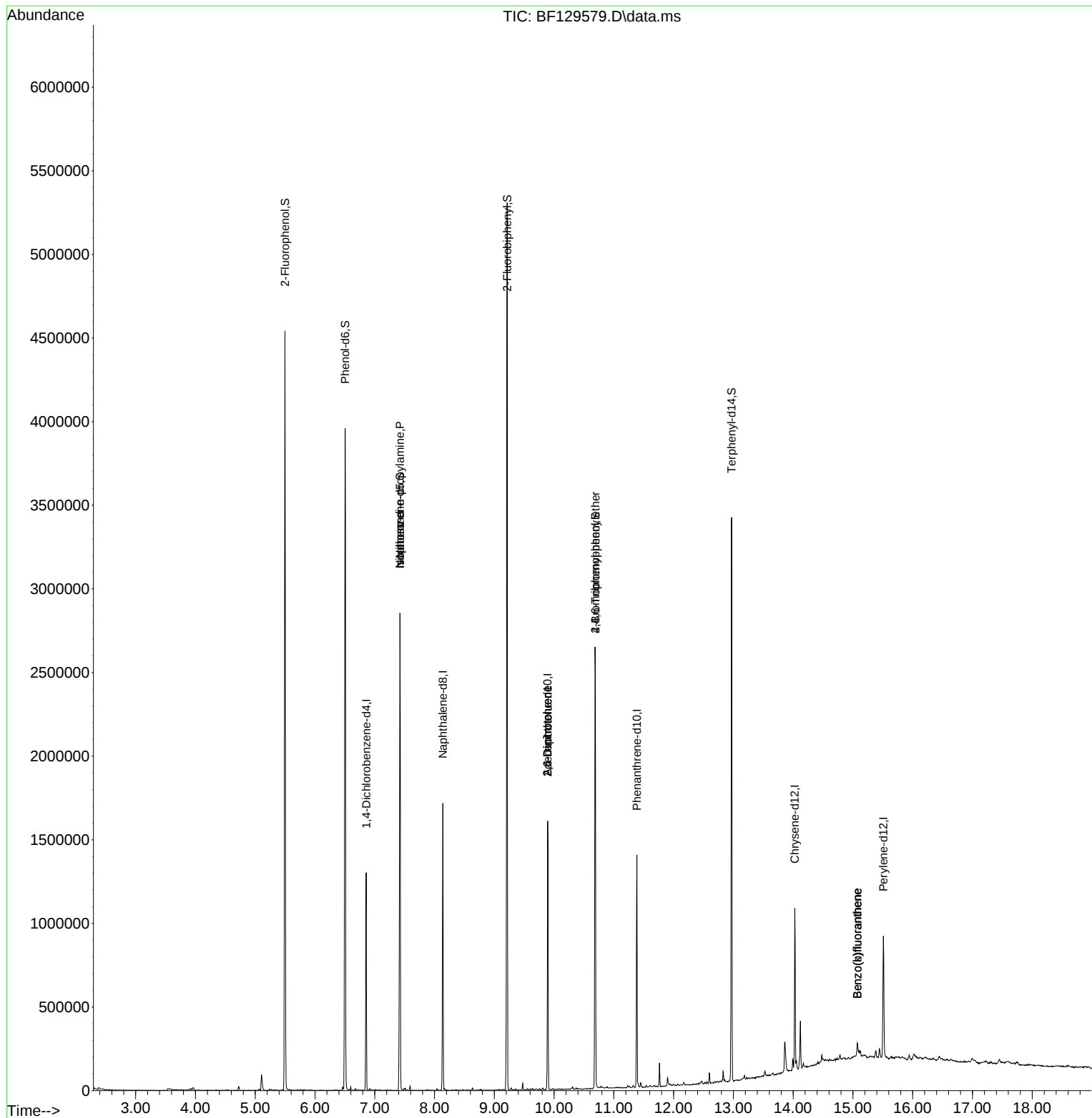
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	178901	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	695417	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	329116	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	457645	20.000	ng	0.00
76) Chrysene-d12	14.027	240	303331	20.000	ng	#-0.01
86) Perylene-d12	15.510	264	307281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1231352	112.122	ng	0.00
7) Phenol-d6	6.504	99	1532267	111.001	ng	-0.01
23) Nitrobenzene-d5	7.422	82	991226	77.809	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	314165	99.287	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1543374	72.543	ng	0.00
79) Terphenyl-d14	12.969	244	1088566	67.704	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	132400	15.843	ng	# 75
25) Isophorone	7.422	82	984251	43.102	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	42326	8.323	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	42326	6.372	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	20708	4.132	ng	# 1
88) Benzo(b)fluoranthene	15.074	252	49208	2.414	ng	# 90
89) Benzo(k)fluoranthene	15.074	252	49208	2.464	ng	# 91

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

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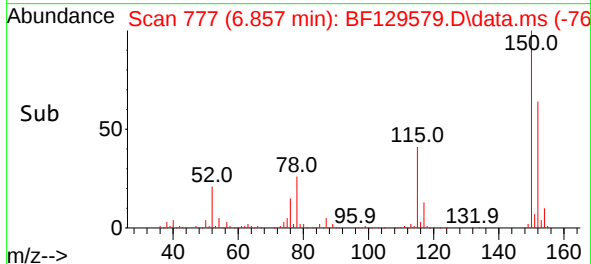
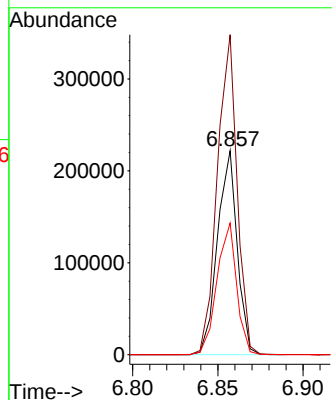
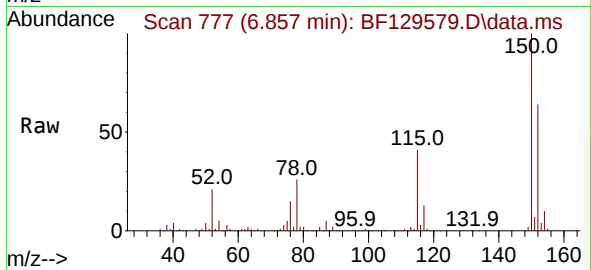




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

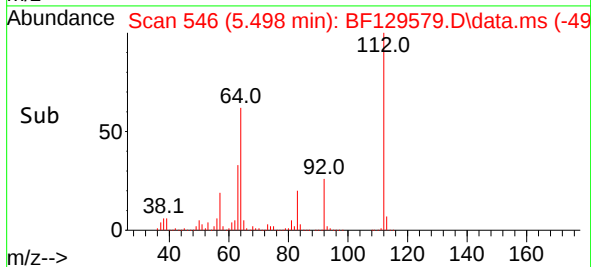
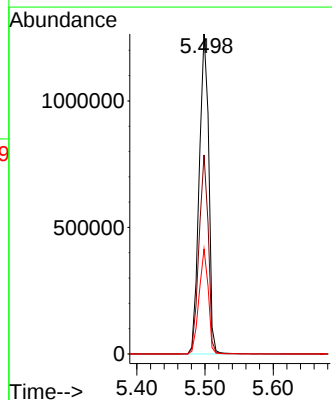
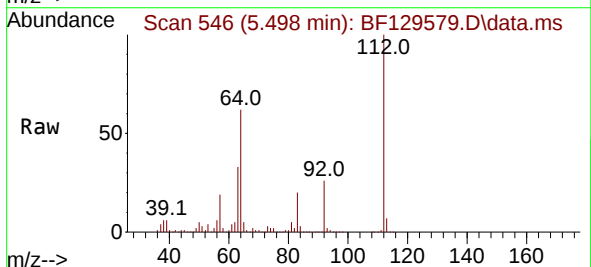
Instrument :
BNA_F
ClientSampleId :
MH-DS

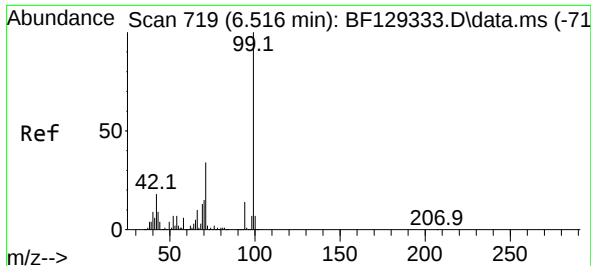
Tgt Ion:152 Resp: 178901
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 112.122 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:112 Resp: 1231352
Ion Ratio Lower Upper
112 100
64 62.2 53.3 79.9
63 32.8 28.0 42.0

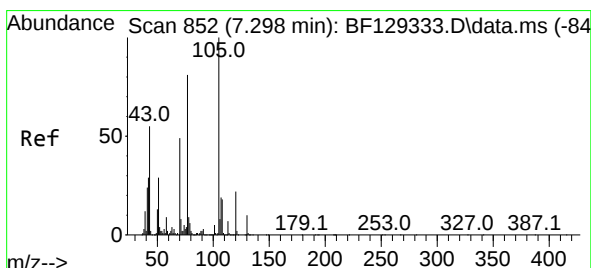
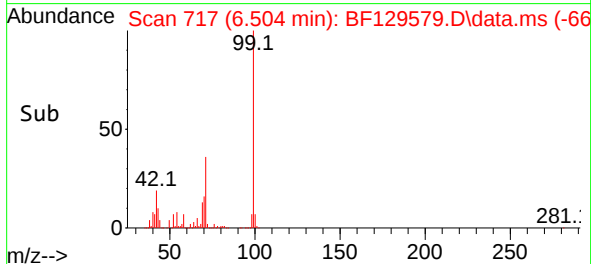
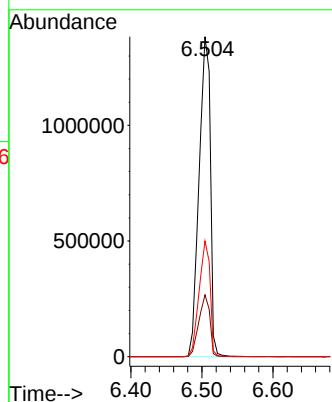
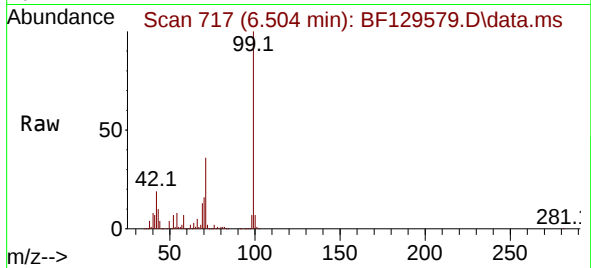




#7
Phenol-d6
Concen: 111.001 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

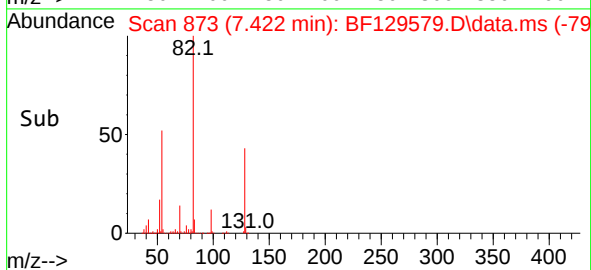
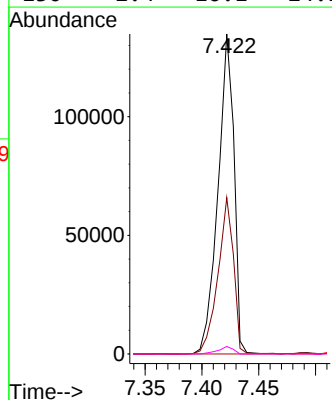
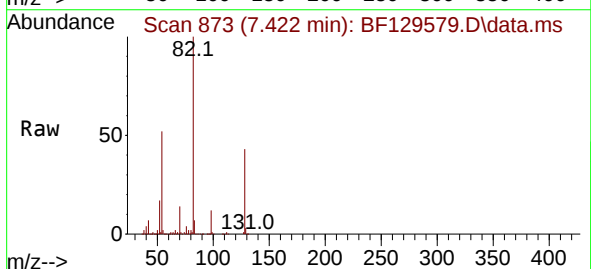
Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion: 99 Resp: 1532267
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 36.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.843 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion: 70 Resp: 132400
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#



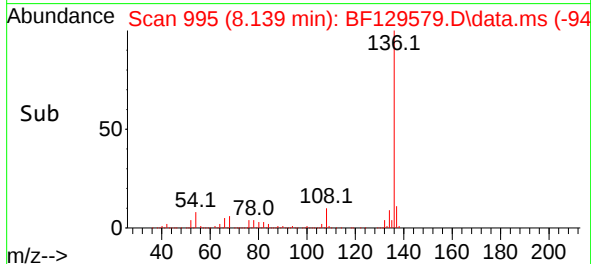
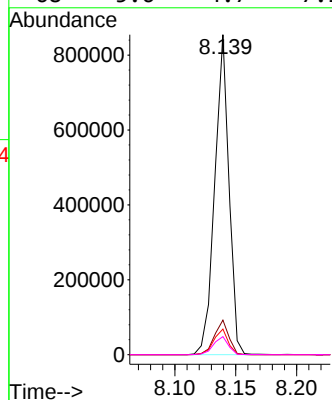
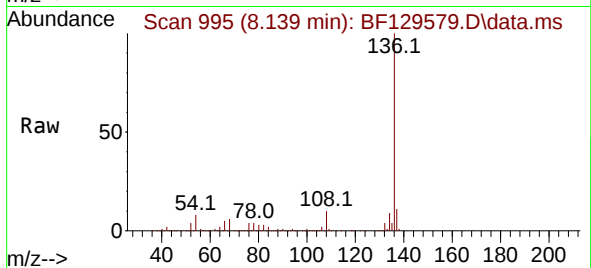


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:136 Resp: 695417

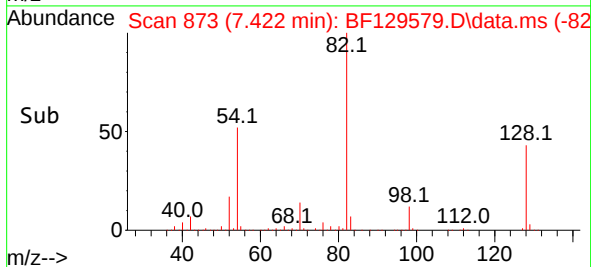
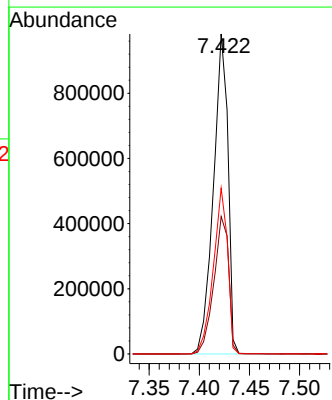
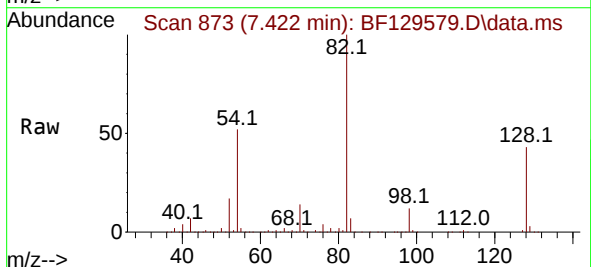
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	7.5	11.3
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 77.809 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion: 82 Resp: 991226

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	51.8	46.9	70.3

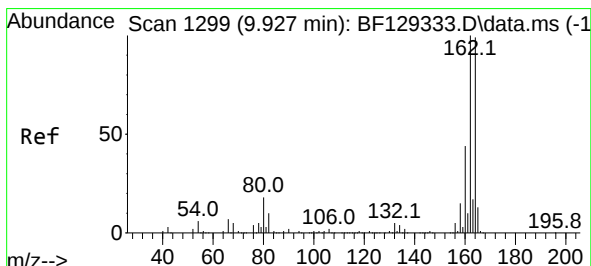
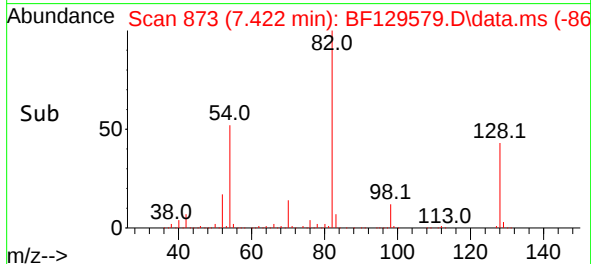
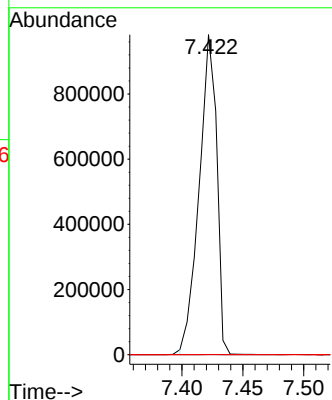
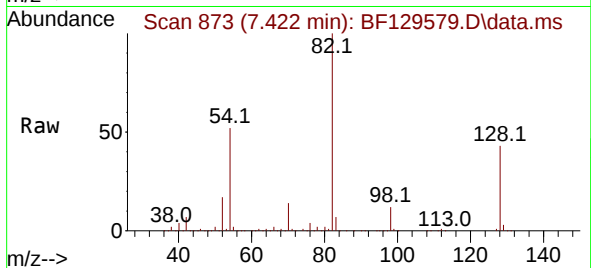




#25
Isophorone
Concen: 43.102 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

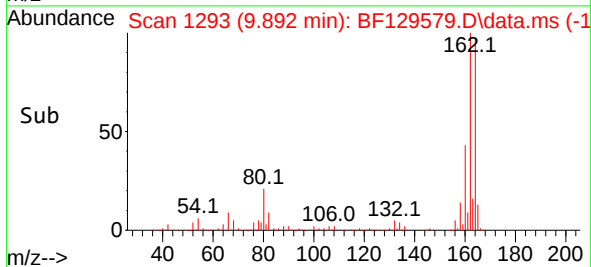
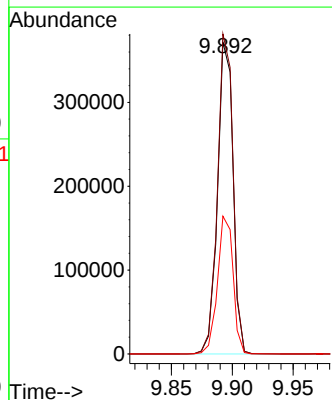
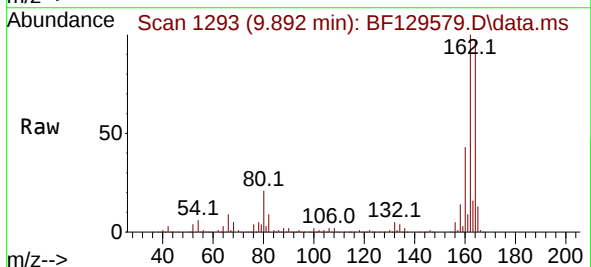
Instrument :
BNA_F
ClientSampleId :
MH-DS

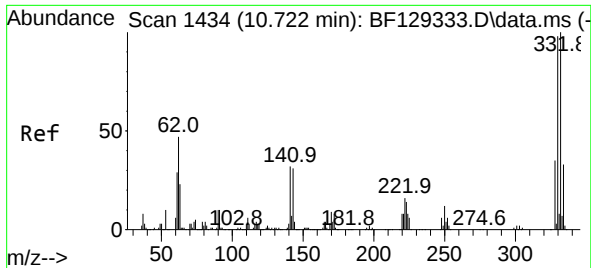
Tgt Ion: 82 Resp: 984251
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:164 Resp: 329116
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.2 34.2 51.4

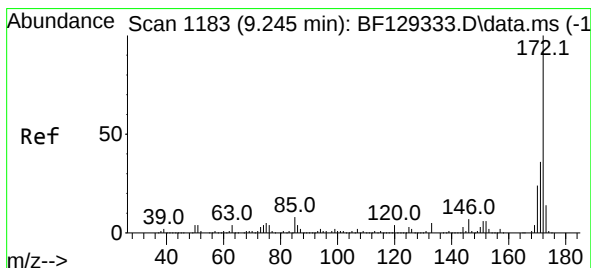
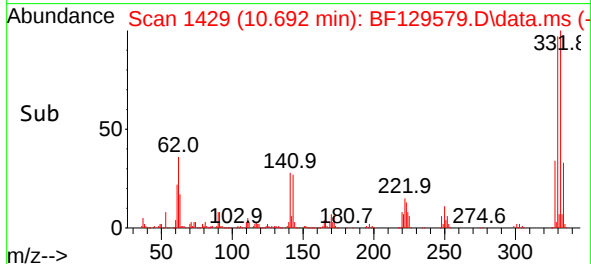
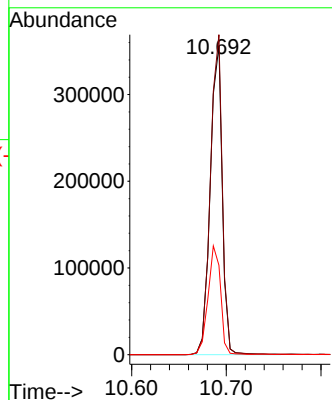
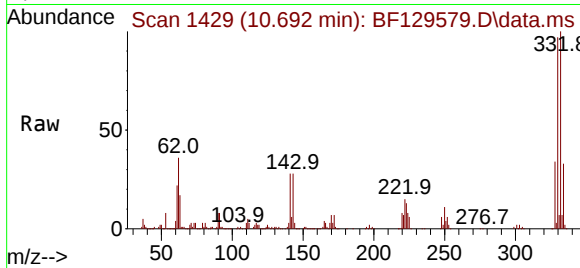




#42
2,4,6-Tribromophenol
Concen: 99.287 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

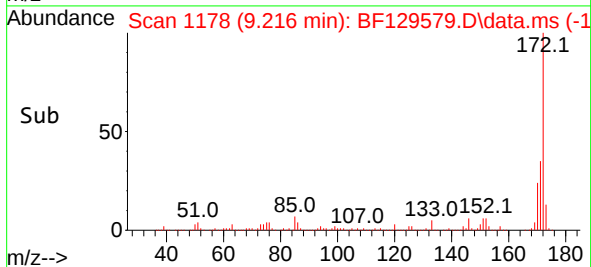
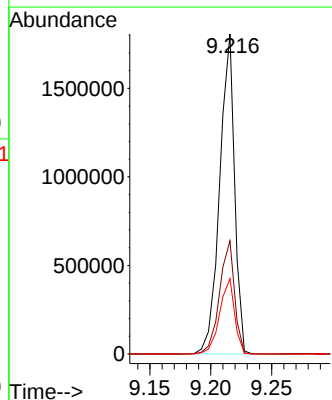
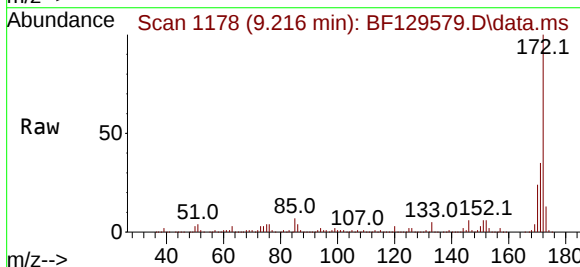
Instrument :
BNA_F
ClientSampleId :
MH-DS

Tgt Ion:330 Resp: 314165
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 36.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 72.543 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:172 Resp: 1543374
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.323 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

Instrument :

BNA_F

ClientSampleId :

MH-DS

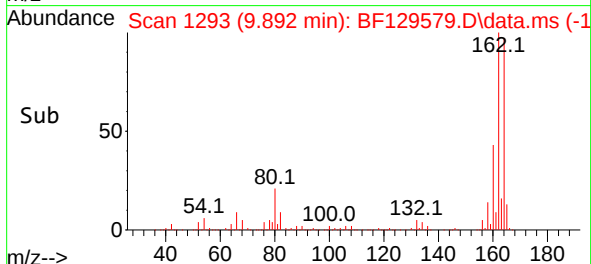
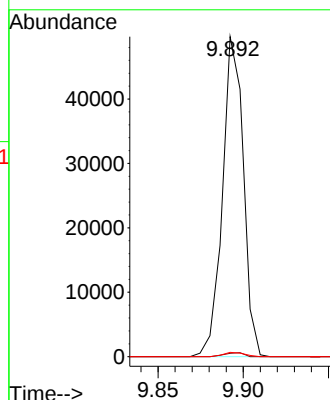
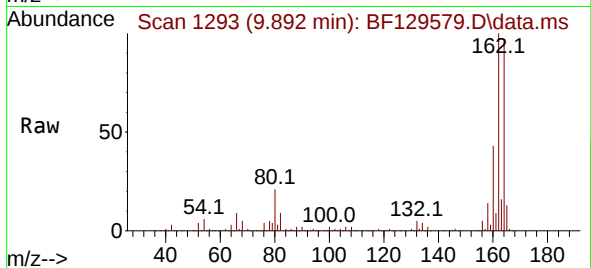
Tgt Ion:165 Resp: 42326

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.372 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.206 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

Tgt Ion:165 Resp: 42326

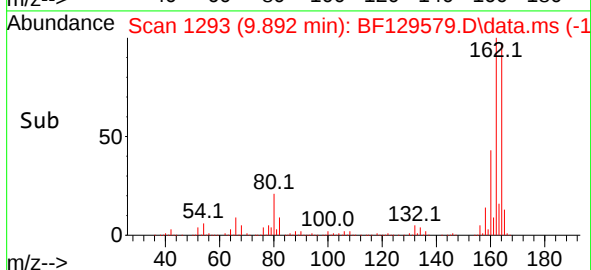
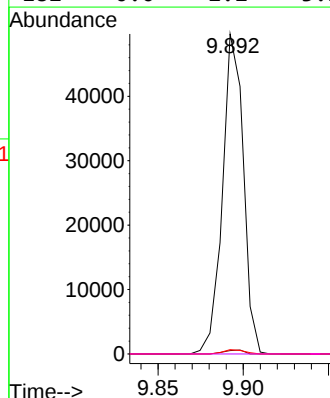
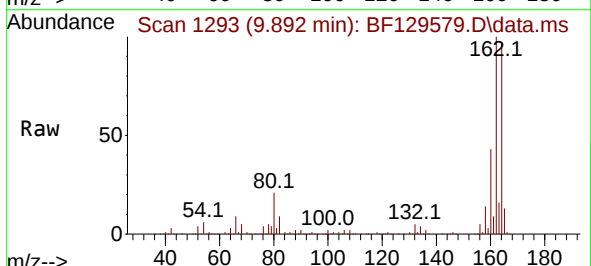
Ion Ratio Lower Upper

165 100

63 1.1 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

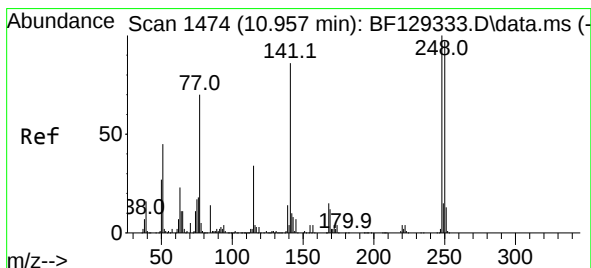
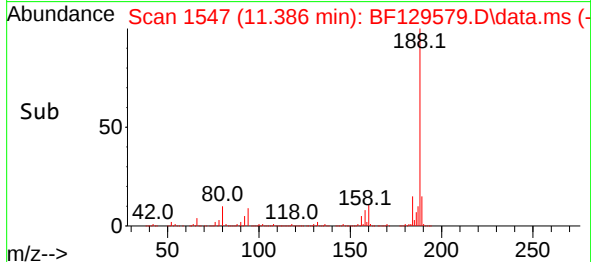
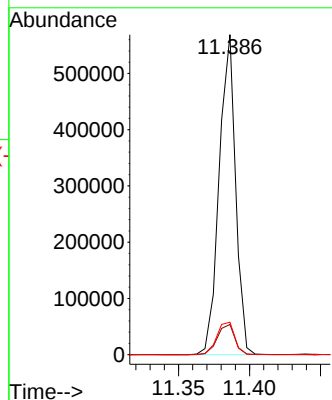
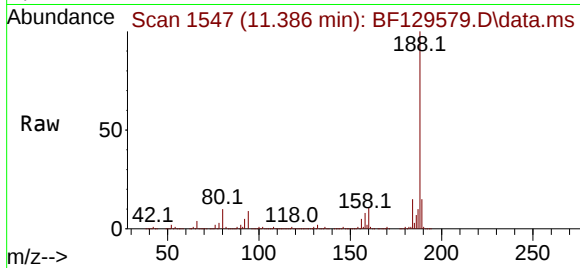




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

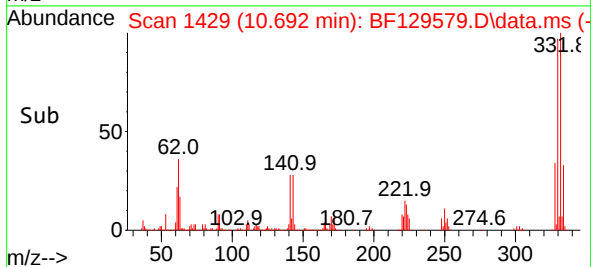
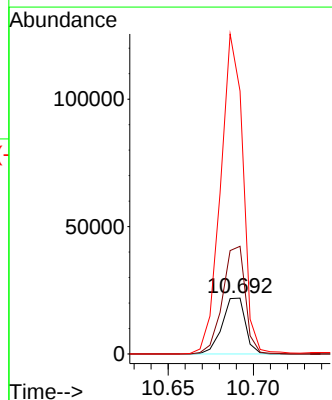
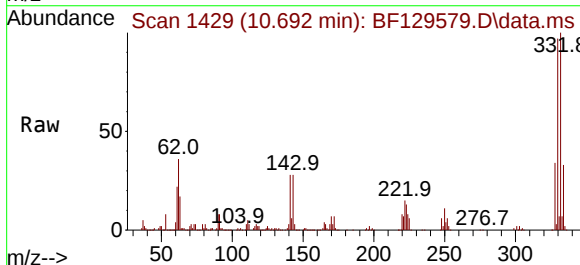
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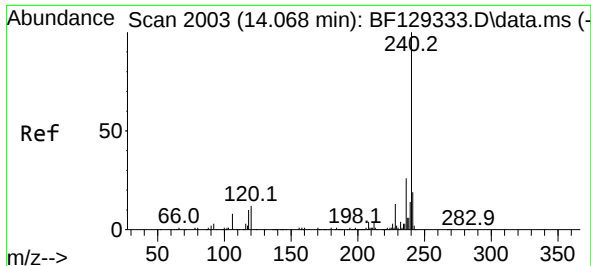
Tgt Ion:188 Resp: 457645
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.132 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:248 Resp: 20708
Ion Ratio Lower Upper
248 100
250 193.0 80.6 120.8#
141 470.8 58.9 88.3#

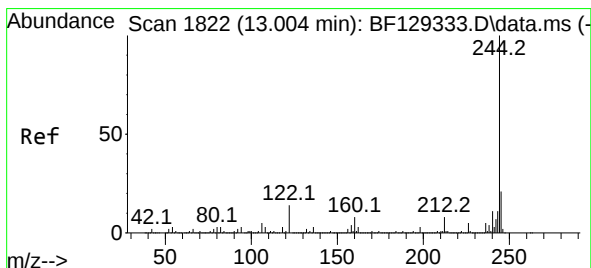
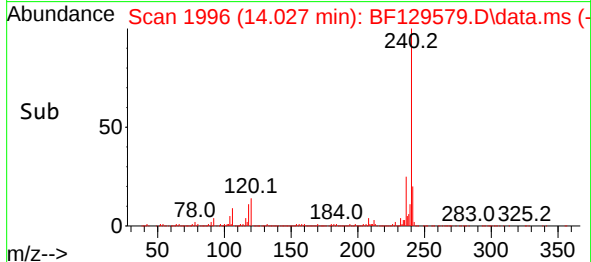
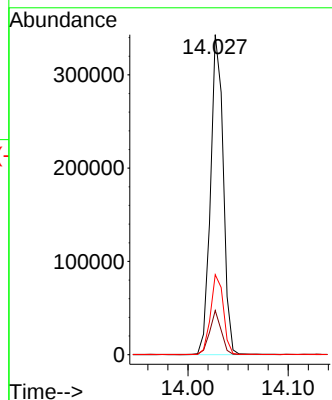
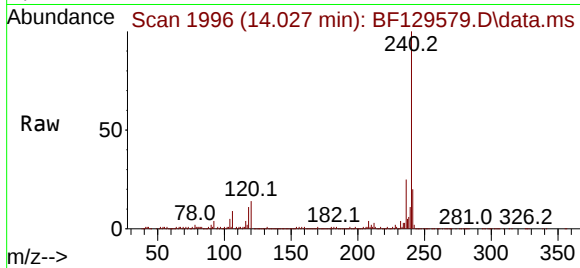




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

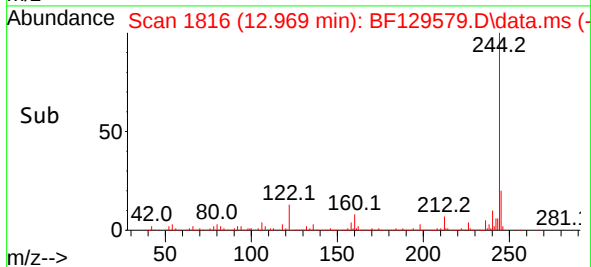
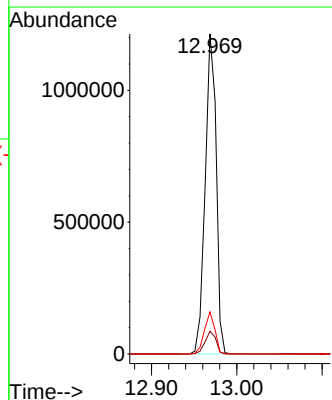
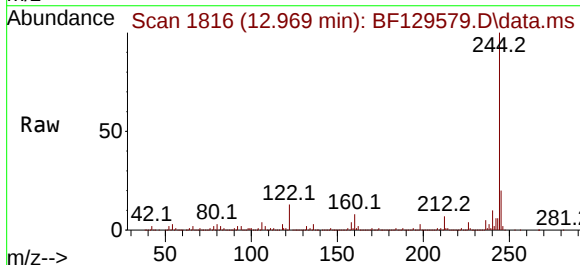
Instrument :
BNA_F
ClientSampleId :
MH-DS

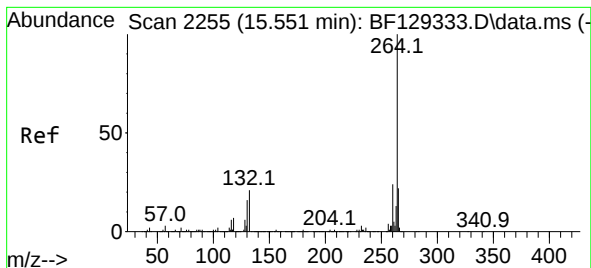
Tgt Ion:240 Resp: 303331
Ion Ratio Lower Upper
240 100
120 13.8 8.9 13.3#
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 67.704 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129579.D
Acq: 04 Aug 2022 20:23

Tgt Ion:244 Resp: 1088566
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

Instrument :

BNA_F

ClientSampleId :

MH-DS

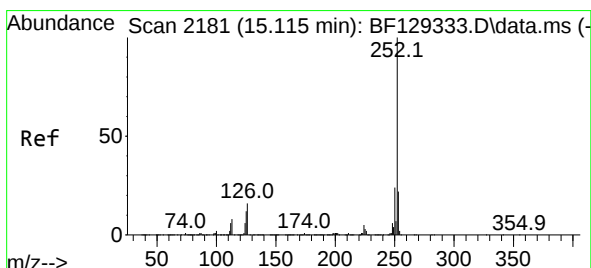
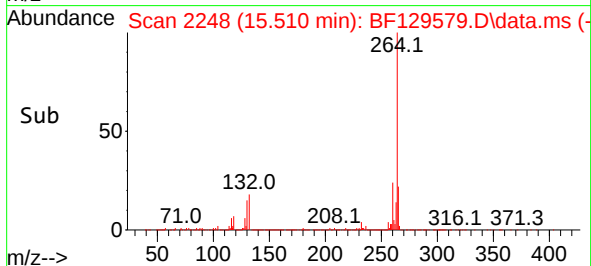
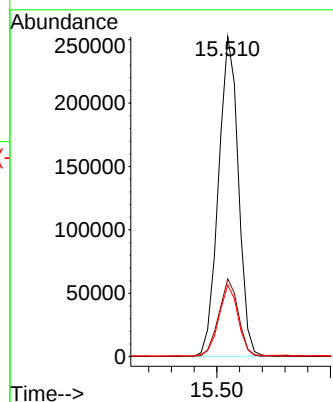
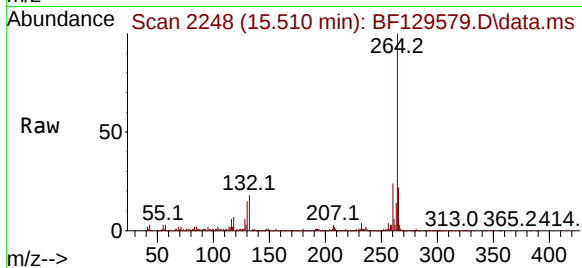
Tgt Ion:264 Resp: 307281

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.4 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.414 ng

RT: 15.074 min Scan# 2174

Delta R.T. -0.012 min

Lab File: BF129579.D

Acq: 04 Aug 2022 20:23

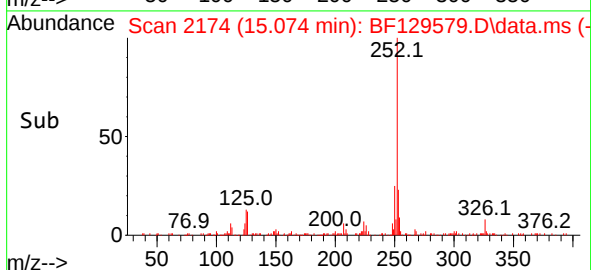
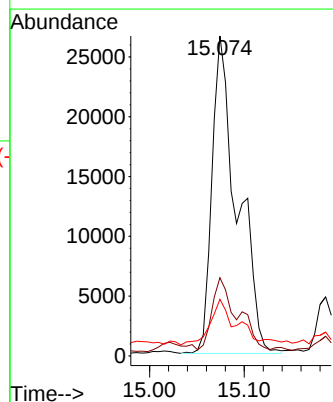
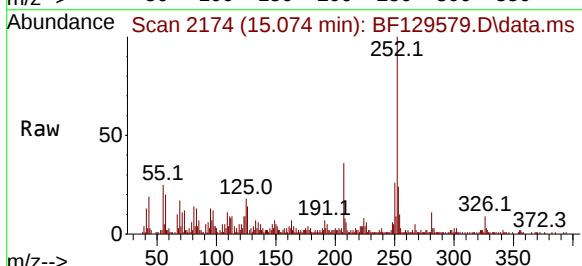
Tgt Ion:252 Resp: 49208

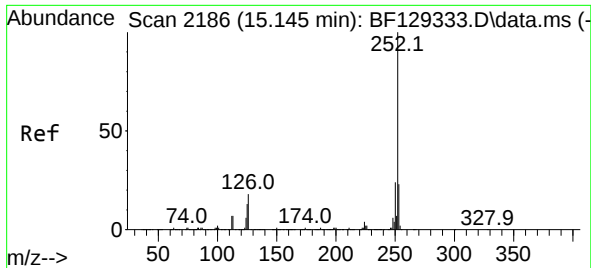
Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 17.7 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.464 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129579.D

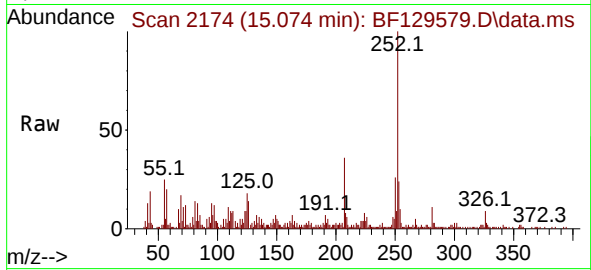
Acq: 04 Aug 2022 20:23

Instrument :

BNA_F

ClientSampleId :

MH-DS



Tgt Ion:252 Resp: 49208

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.6

125 17.7 8.3 12.5#

