

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129737.D
 Acq On : 12 Aug 2022 03:05
 Operator : CG\JU
 Sample : N4143-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 03:26:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

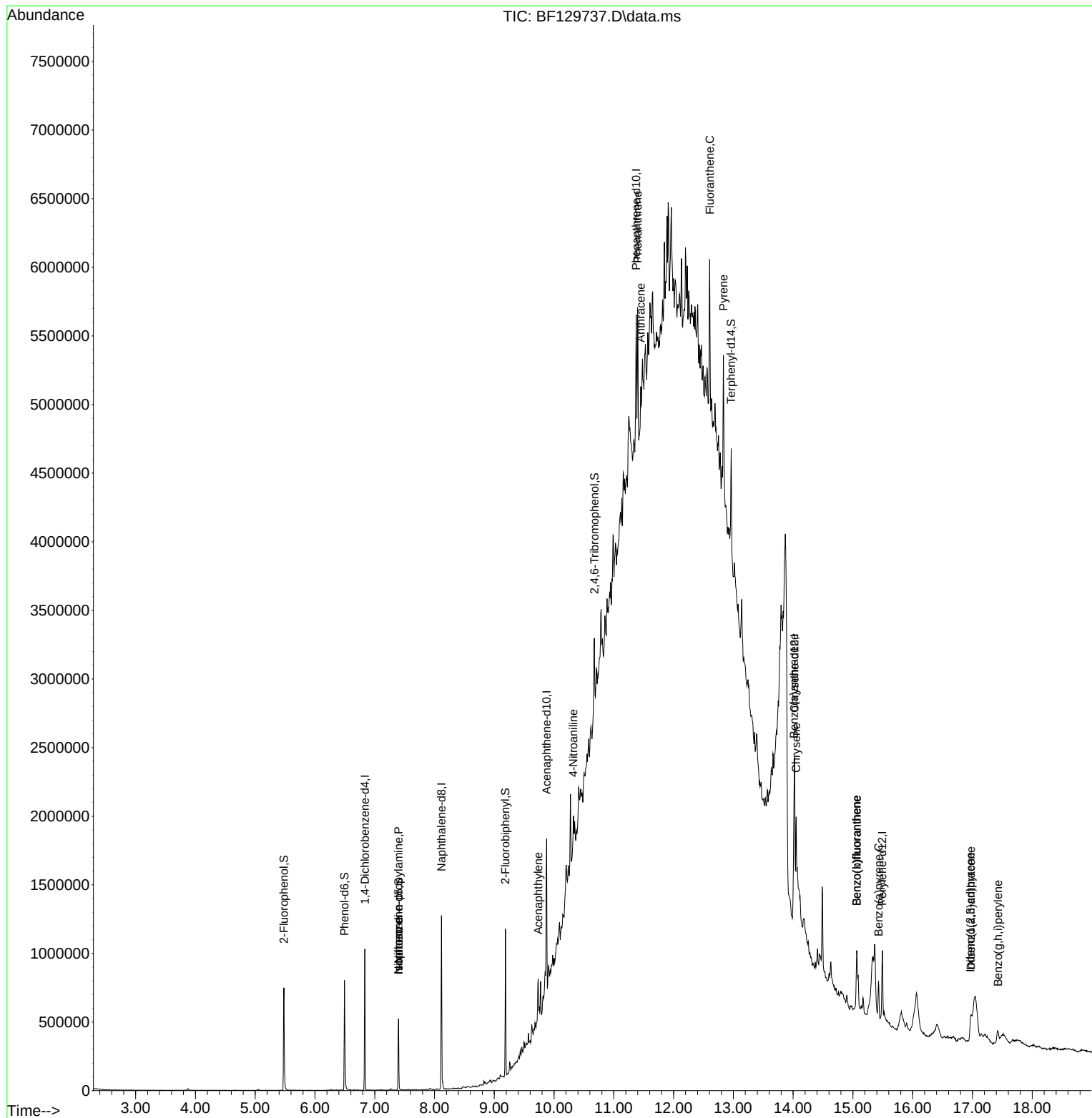
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	136850	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	485955	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	215481	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	296752	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	289650	20.000	ng	0.00
86) Perylene-d12	15.492	264	230837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	220685	26.269	ng	0.01
7) Phenol-d6	6.493	99	265893	25.181	ng	0.00
23) Nitrobenzene-d5	7.398	82	152442	17.124	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	50073	24.170	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	274000	19.671	ng	-0.01
79) Terphenyl-d14	12.963	244	258191	16.817	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	20191	3.159	ng	# 74
25) Isophorone	7.398	82	152438	9.553	ng	# 65
49) Acenaphthylene	9.734	152	68385	3.540	ng	# 93
62) 4-Nitroaniline	10.322	138	13487	3.458	ng	80
71) Phenanthrene	11.398	178	332504	20.526	ng	# 95
72) Anthracene	11.451	178	75914	4.769	ng	# 77
75) Fluoranthene	12.604	202	445934	27.169	ng	96
78) Pyrene	12.833	202	397467	16.410	ng	98
81) Benzo(a)anthracene	14.016	228	234491	11.851	ng	93
83) Chrysene	14.051	228	210495	11.288	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	78435	5.046	ng	96
88) Benzo(b)fluoranthene	15.063	252	295644	19.308	ng	# 96
89) Benzo(k)fluoranthene	15.063	252	295644	19.703	ng	# 96
90) Benzo(a)pyrene	15.427	252	129384	10.409	ng	# 93
91) Dibenzo(a,h)anthracene	16.974	278	27068	2.139	ng	# 83
92) Benzo(g,h,i)perylene	17.427	276	65850	5.093	ng	96

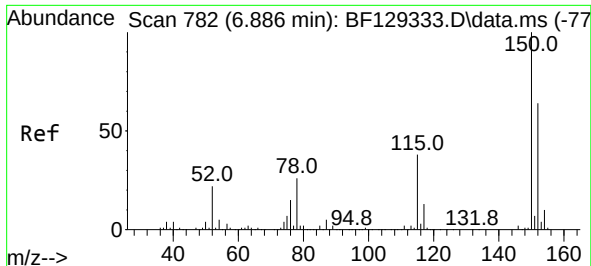
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
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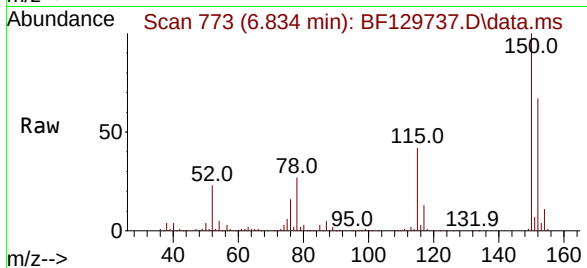
Quant Time: Aug 12 03:26:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration



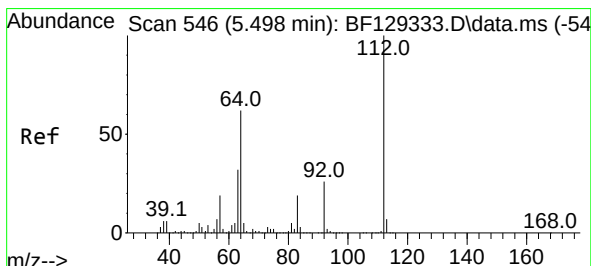
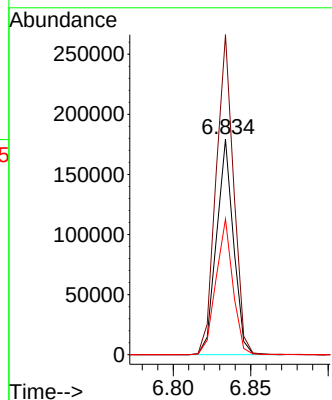
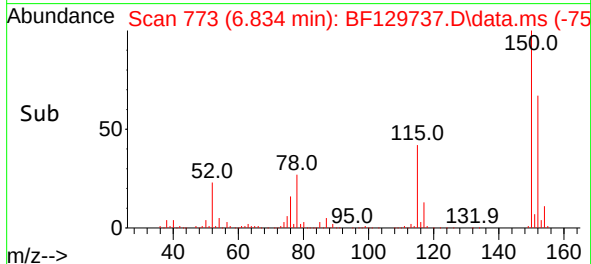


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

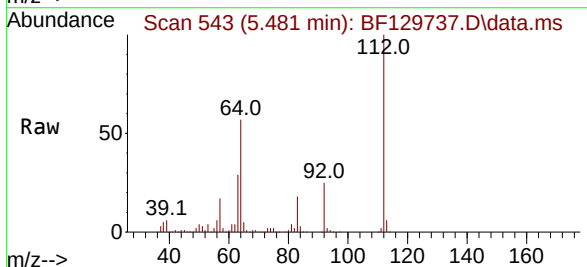
Instrument :
 BNA_F
 ClientSampleId :



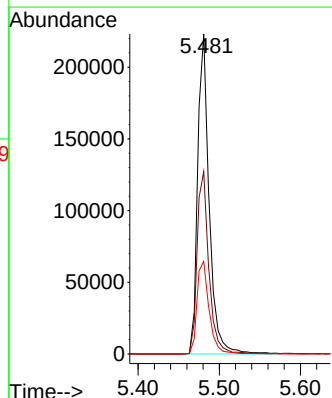
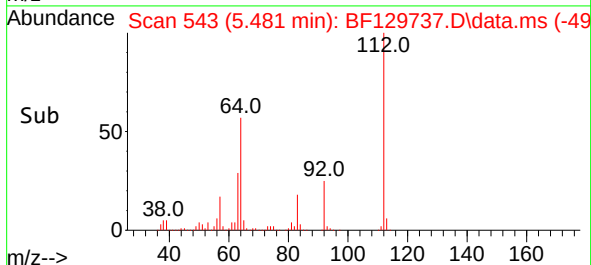
Tgt Ion:152 Resp: 136850
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.7 185.5
 115 63.0 49.9 74.9

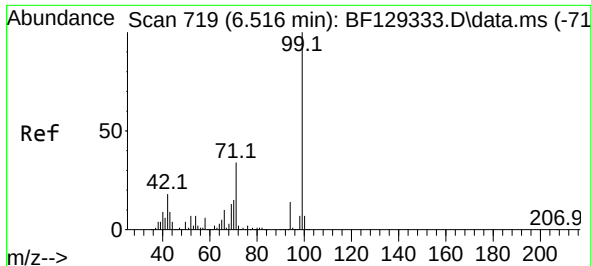


#5
 2-Fluorophenol
 Concen: 26.269 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.012 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05



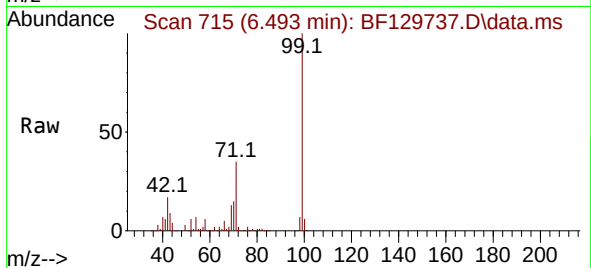
Tgt Ion:112 Resp: 220685
 Ion Ratio Lower Upper
 112 100
 64 57.0 53.3 79.9
 63 29.0 28.0 42.0



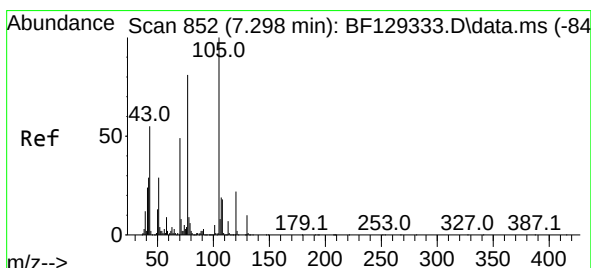
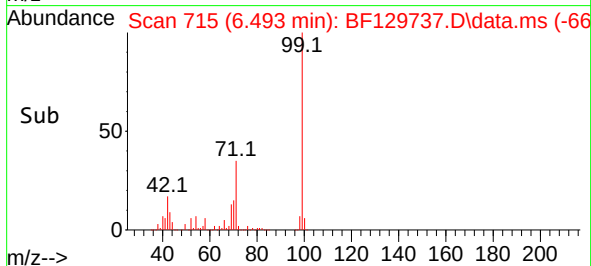
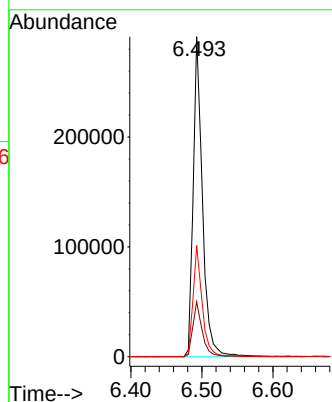


#7
Phenol-d6
Concen: 25.181 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Instrument :
BNA_F
ClientSampleId :

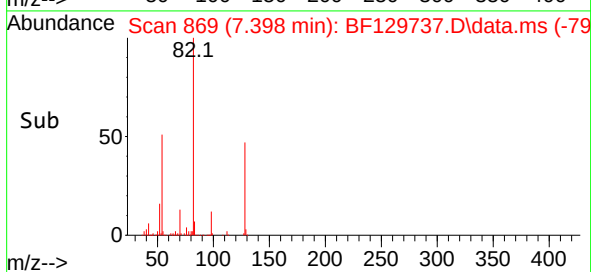
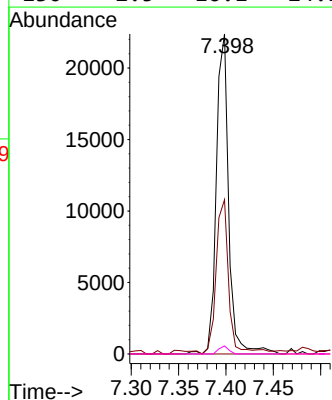
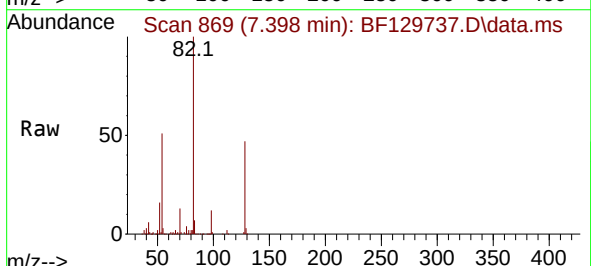


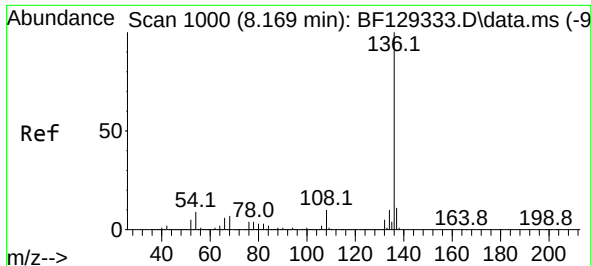
Tgt Ion: 99 Resp: 265893
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.159 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

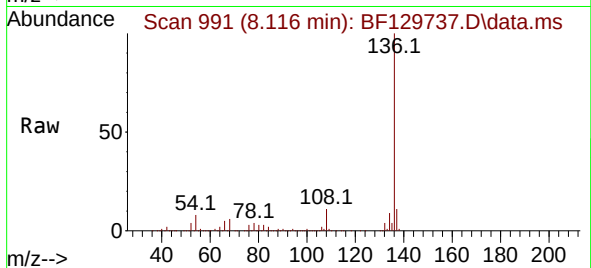
Tgt Ion: 70 Resp: 20191
Ion Ratio Lower Upper
70 100
42 48.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#





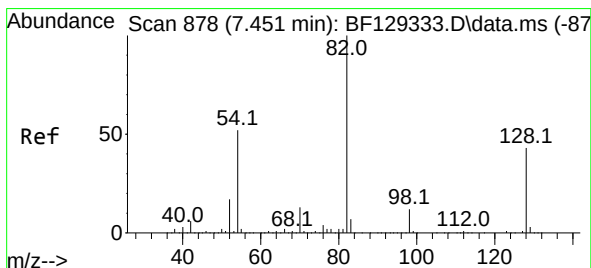
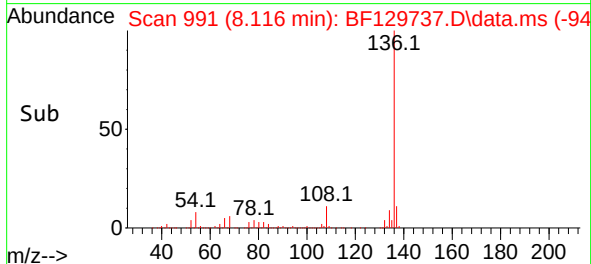
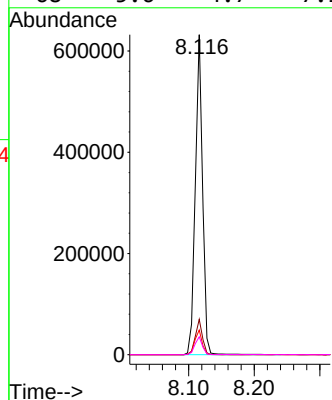
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 485955

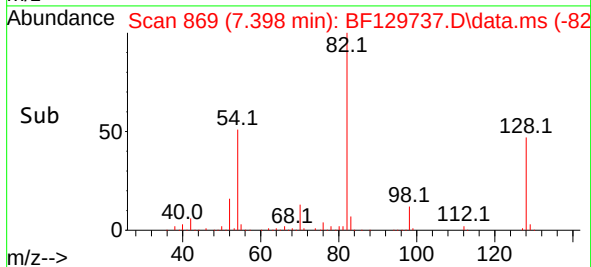
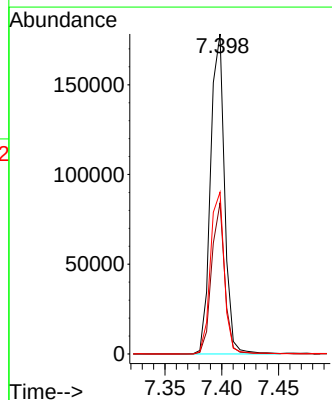
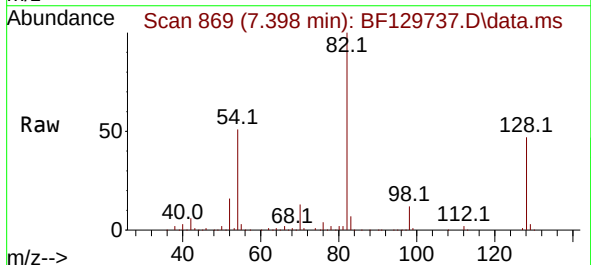
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	7.5	11.3
68	5.6	4.7	7.1

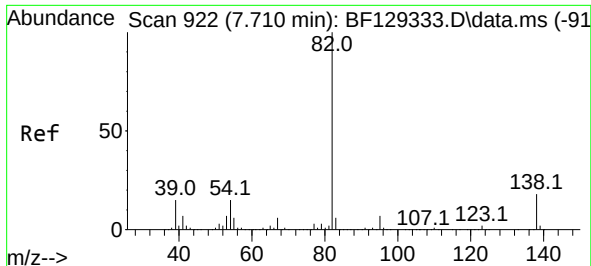


#23
Nitrobenzene-d5
Concen: 17.124 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion: 82 Resp: 152442

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	50.5	46.9	70.3

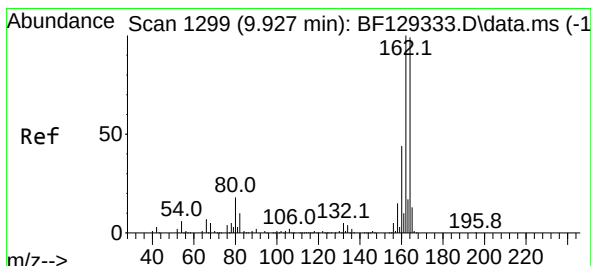
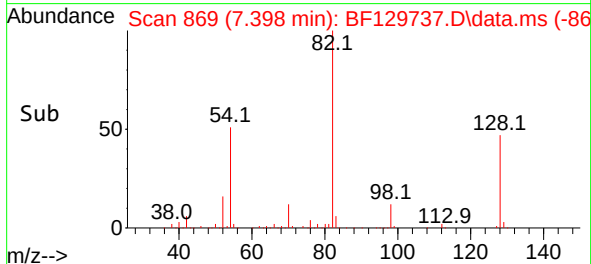
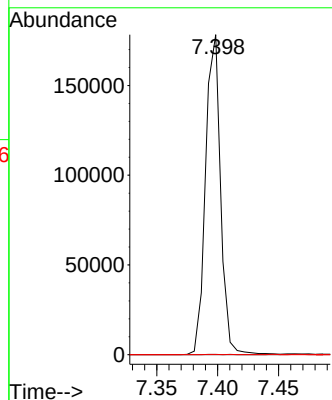
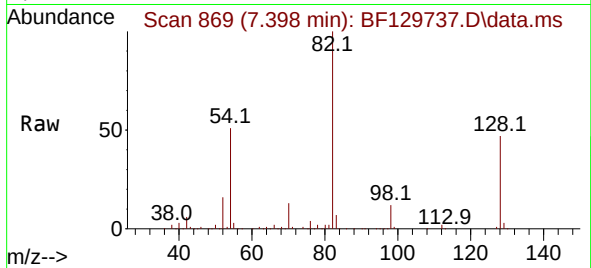




#25
Isophorone
Concen: 9.553 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

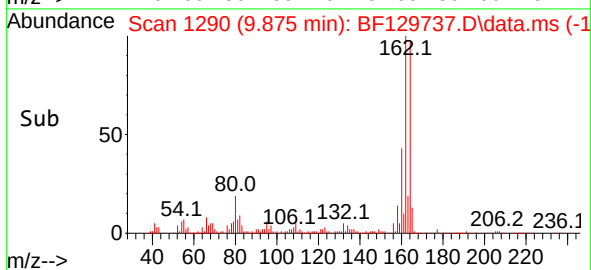
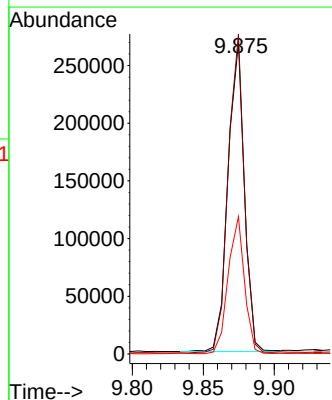
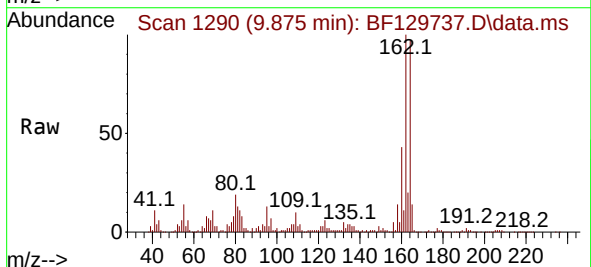
Instrument :
BNA_F
ClientSampleId :

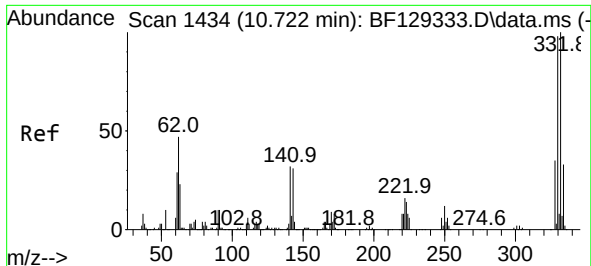
Tgt Ion: 82 Resp: 152438
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

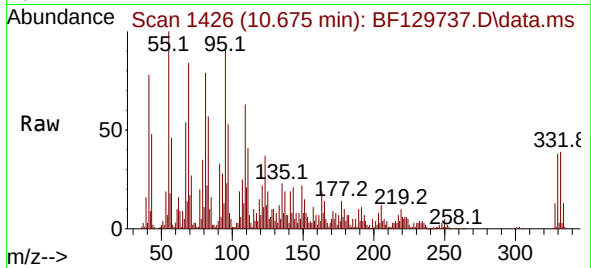
Tgt Ion:164 Resp: 215481
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.1 34.2 51.4



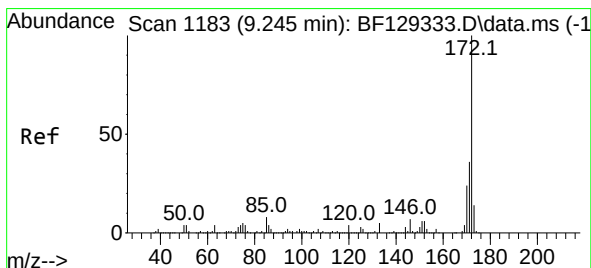
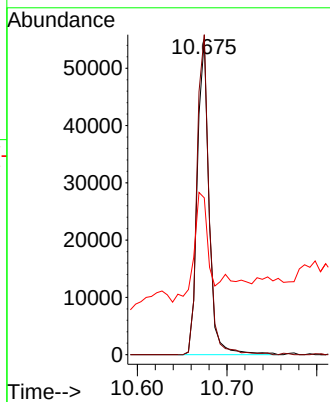
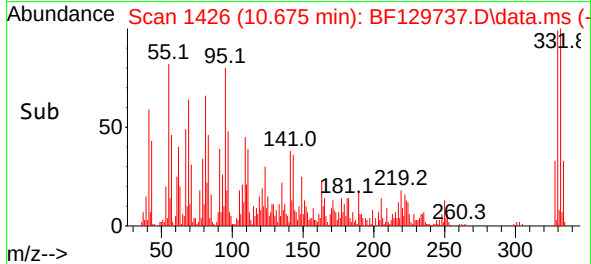


#42
 2,4,6-Tribromophenol
 Concen: 24.170 ng
 RT: 10.675 min Scan# 1434
 Delta R.T. -0.000 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

Instrument :
 BNA_F
 ClientSampleId :

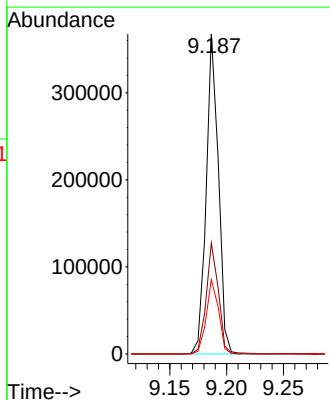
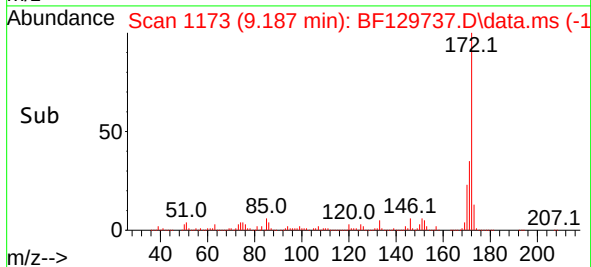
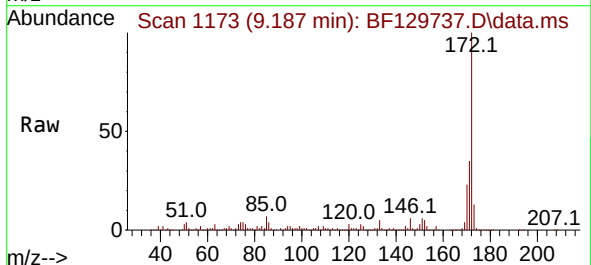


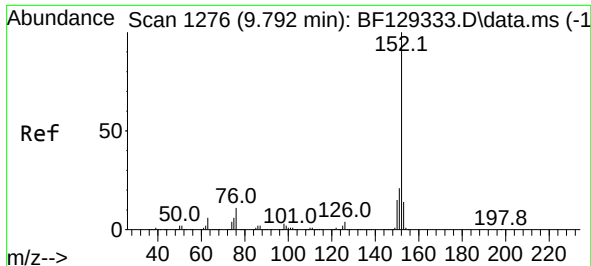
Tgt Ion: 330 Resp: 50073
 Ion Ratio Lower Upper
 330 100
 332 103.3 76.8 115.2
 141 44.0 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 19.671 ng
 RT: 9.187 min Scan# 1173
 Delta R.T. -0.012 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

Tgt Ion: 172 Resp: 274000
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.2 19.8 29.8

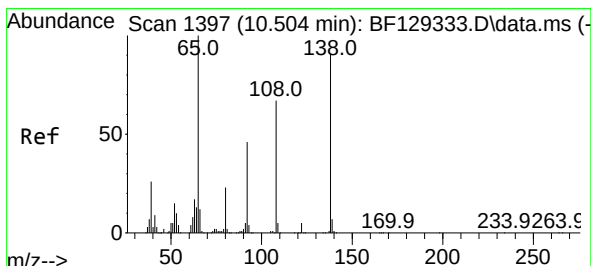
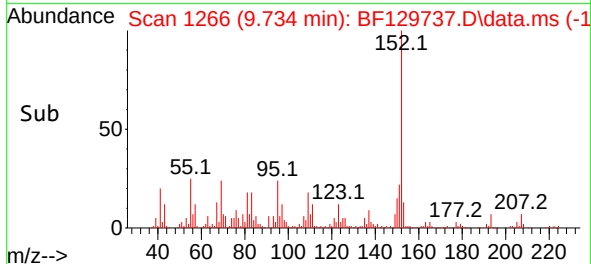
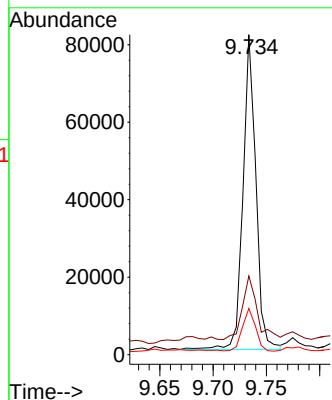
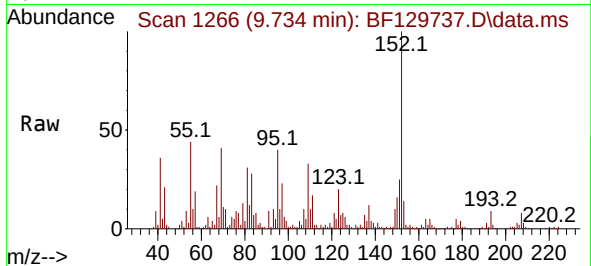




#49
Acenaphthylene
Concen: 3.540 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

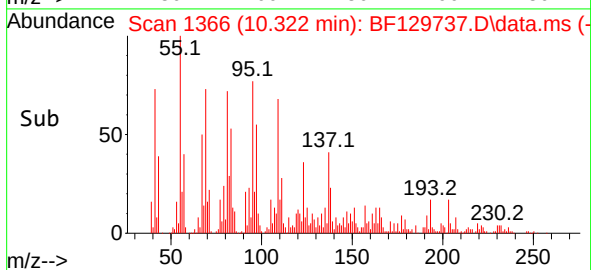
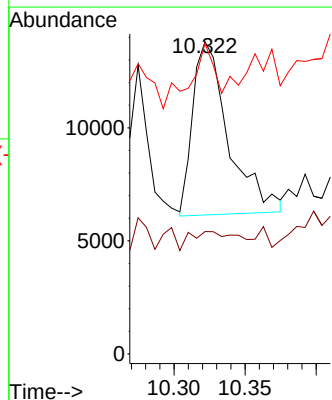
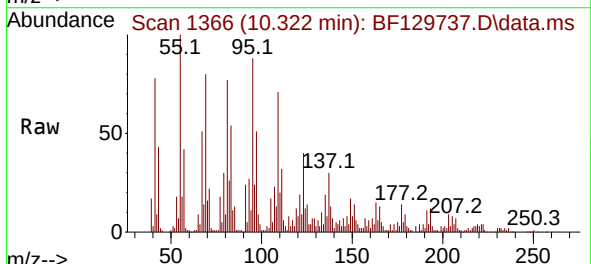
Instrument :
BNA_F
ClientSampleId :

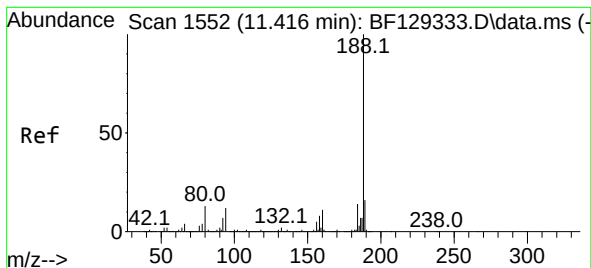
Tgt Ion:152 Resp: 68385
Ion Ratio Lower Upper
152 100
151 24.6 16.2 24.4#
153 14.5 10.7 16.1



#62
4-Nitroaniline
Concen: 3.458 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.141 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:138 Resp: 13487
Ion Ratio Lower Upper
138 100
92 39.2 33.5 73.5
108 99.4 61.0 101.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Instrument :

BNA_F

ClientSampleId :

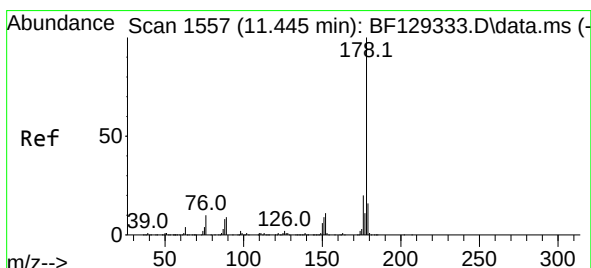
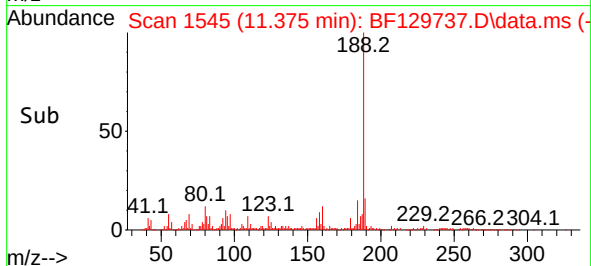
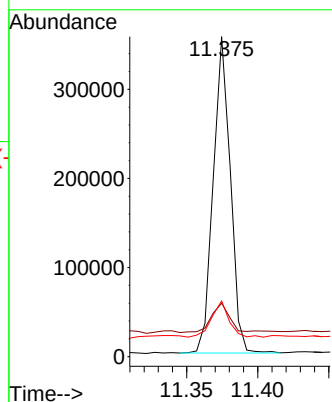
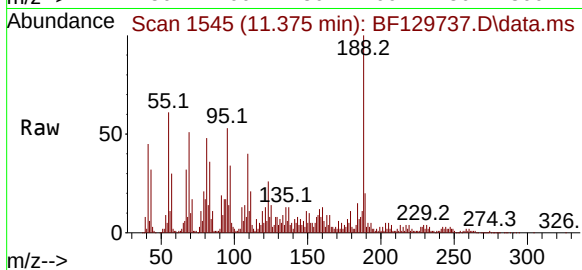
Tgt Ion:188 Resp: 296752

Ion Ratio Lower Upper

188 100

94 16.7 7.0 10.6#

80 17.4 7.6 11.4#



#71

Phenanthrene

Concen: 20.526 ng

RT: 11.398 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

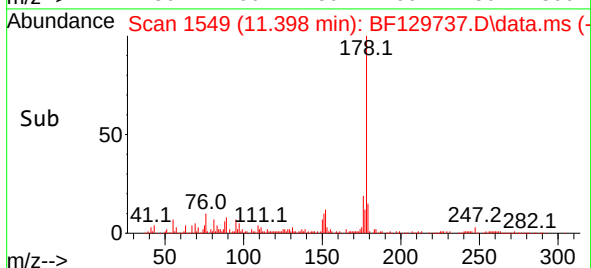
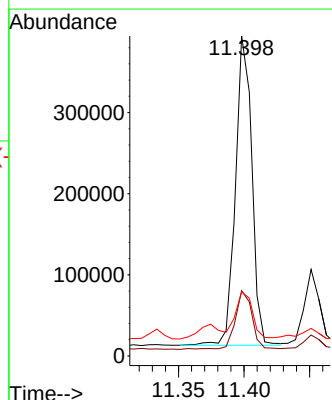
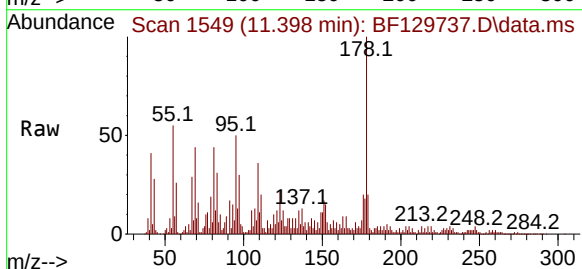
Tgt Ion:178 Resp: 332504

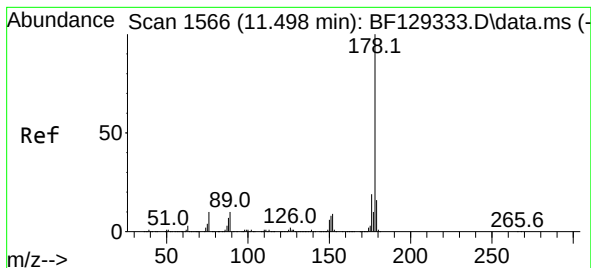
Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

179 20.0 12.6 19.0#





#72

Anthracene

Concen: 4.769 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Instrument :

BNA_F

ClientSampleId :

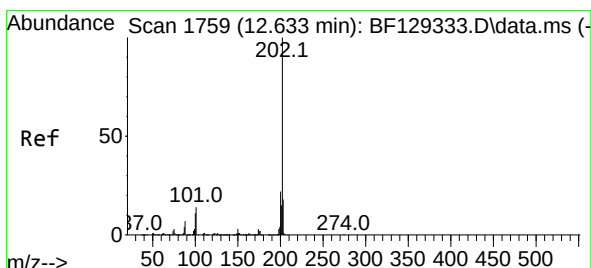
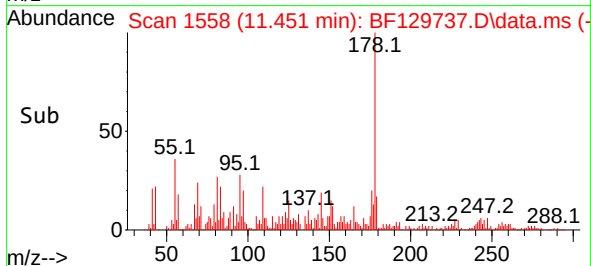
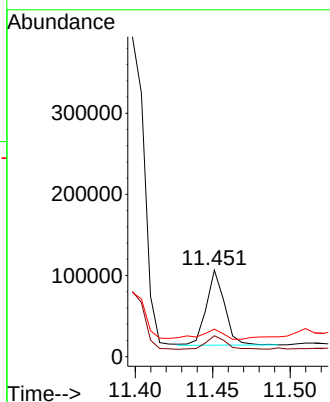
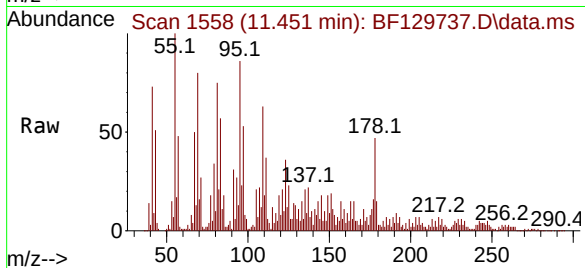
Tgt Ion:178 Resp: 75914

Ion Ratio Lower Upper

178 100

176 24.3 15.4 23.2#

179 31.8 12.6 19.0#



#75

Fluoranthene

Concen: 27.169 ng

RT: 12.604 min Scan# 1754

Delta R.T. 0.018 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

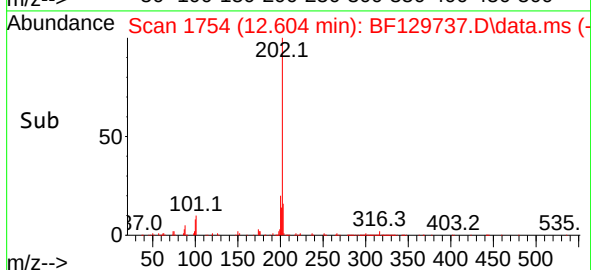
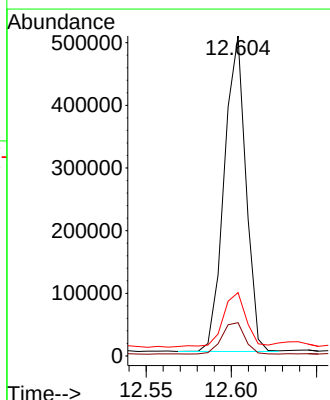
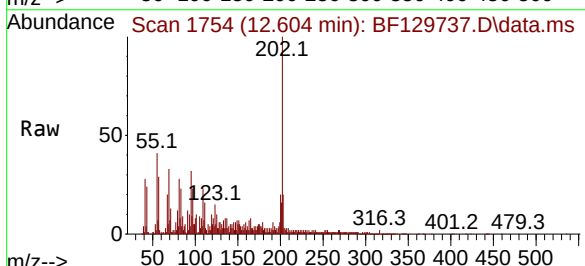
Tgt Ion:202 Resp: 445934

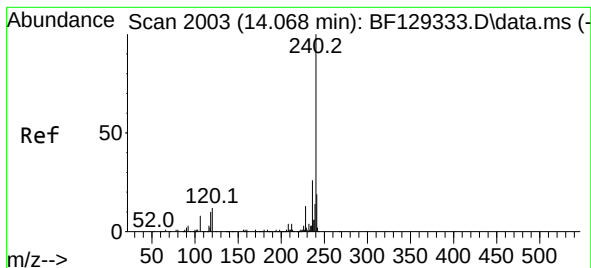
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

203 19.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.000 min

Lab File: BF129737.D

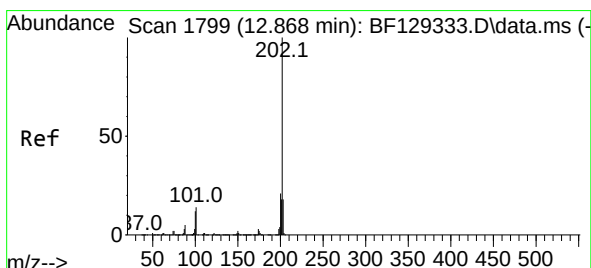
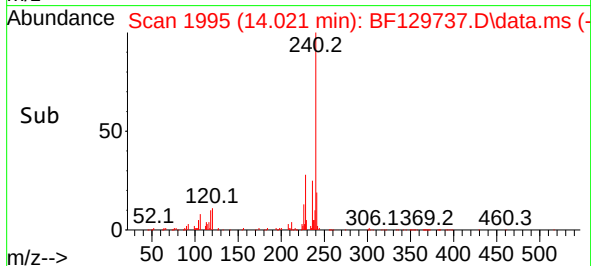
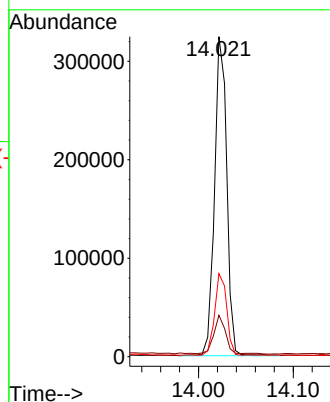
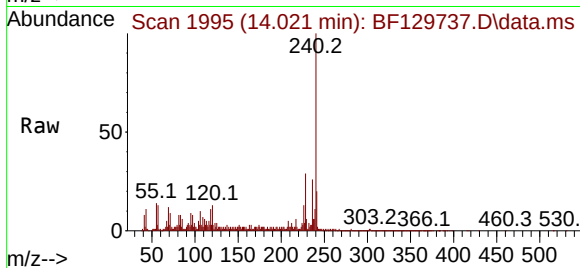
Acq: 12 Aug 2022 03:05

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:240	Resp: 289650
Ion Ratio	Lower Upper
240 100	
120 13.0	8.9 13.3
236 25.9	20.8 31.2



#78

Pyrene

Concen: 16.410 ng

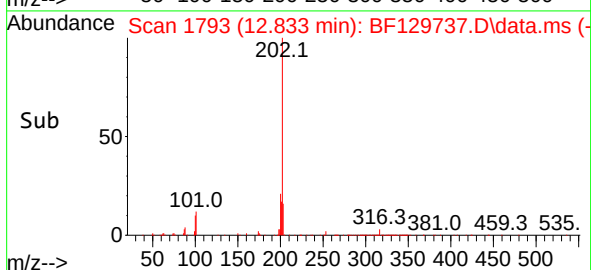
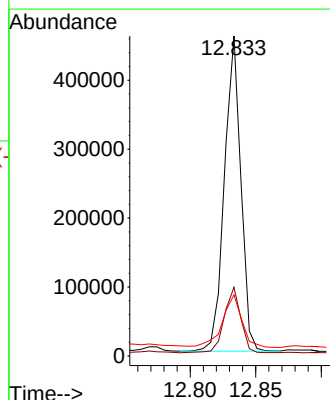
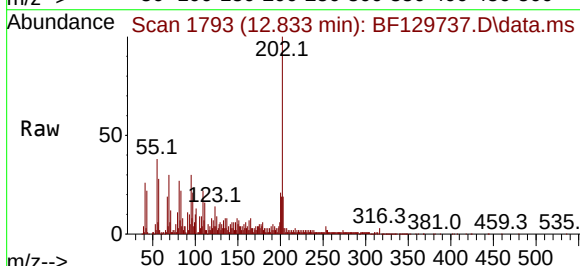
RT: 12.833 min Scan# 1793

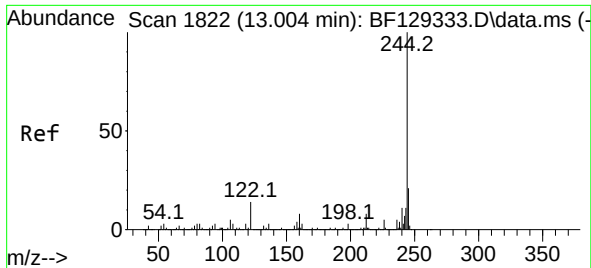
Delta R.T. 0.018 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Tgt Ion:202	Resp: 397467
Ion Ratio	Lower Upper
202 100	
200 21.4	17.7 26.5
203 19.1	14.6 21.8

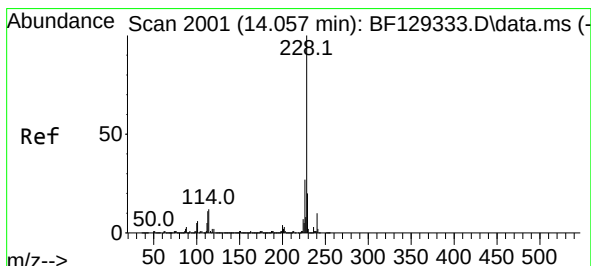
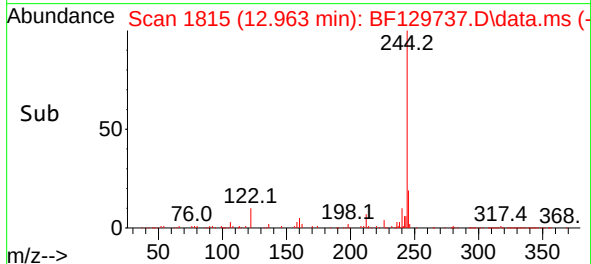
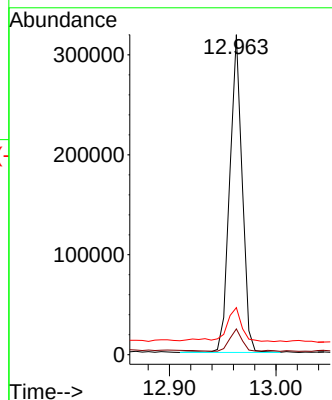
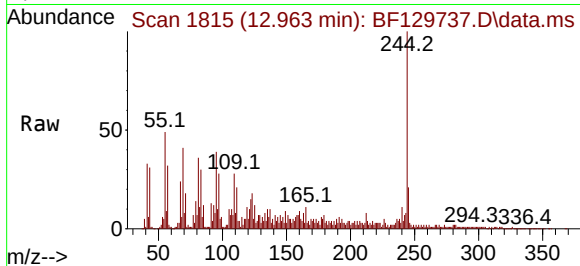




#79
 Terphenyl-d14
 Concen: 16.817 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

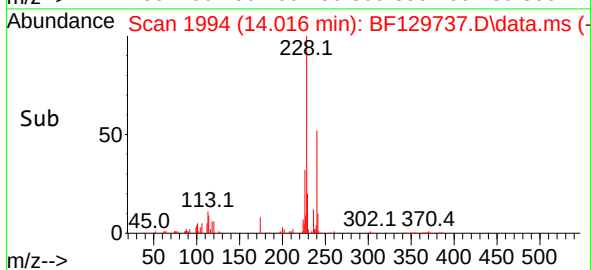
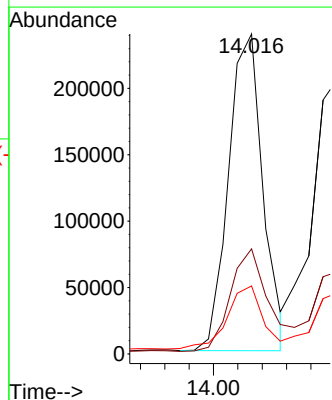
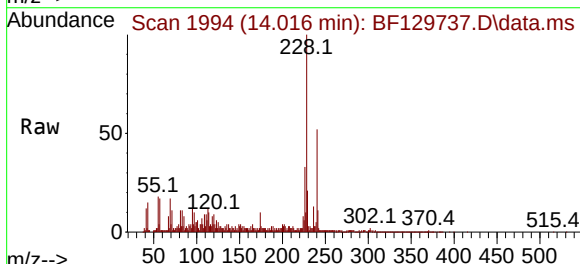
Instrument :
 BNA_F
 ClientSampleId :

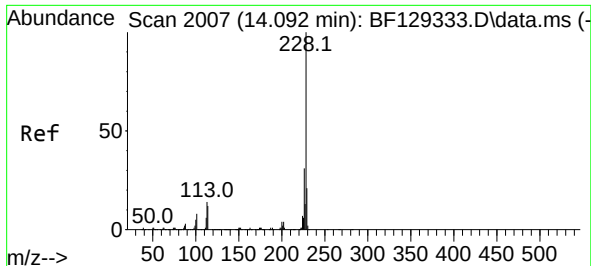
Tgt Ion:244 Resp: 258191
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 14.7 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 11.851 ng
 RT: 14.016 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

Tgt Ion:228 Resp: 234491
 Ion Ratio Lower Upper
 228 100
 226 32.8 22.1 33.1
 229 21.3 15.8 23.8

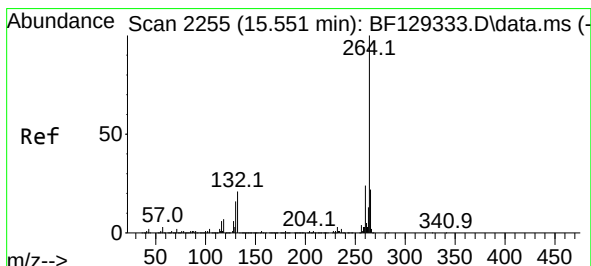
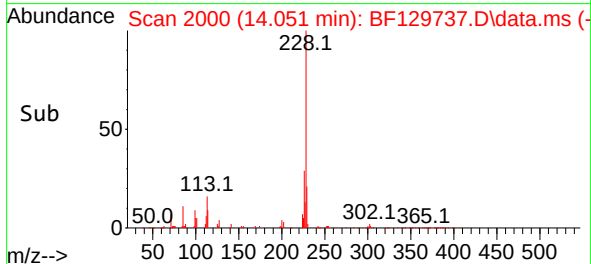
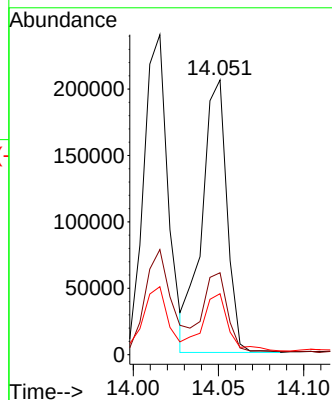
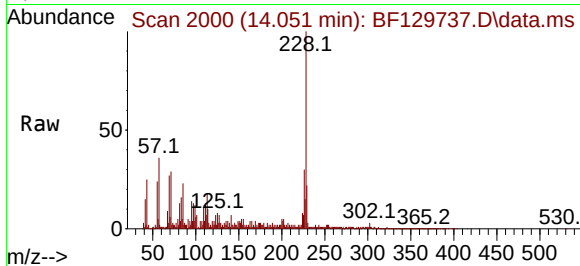




#83
Chrysene
Concen: 11.288 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

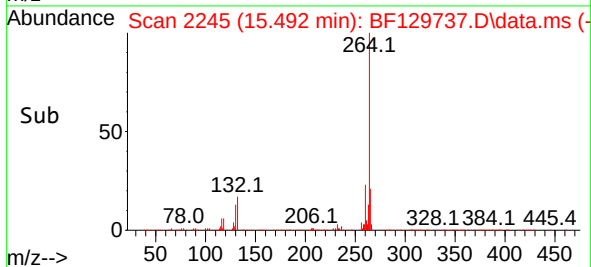
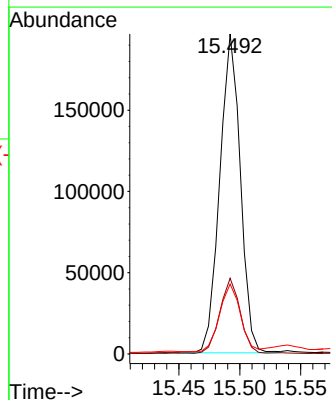
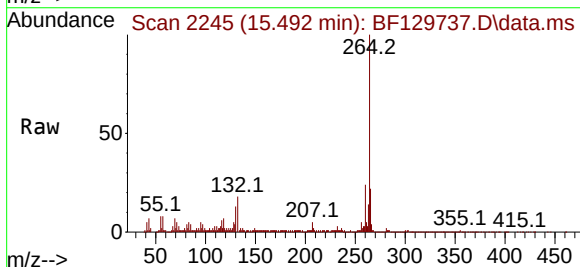
Instrument :
BNA_F
ClientSampleId :

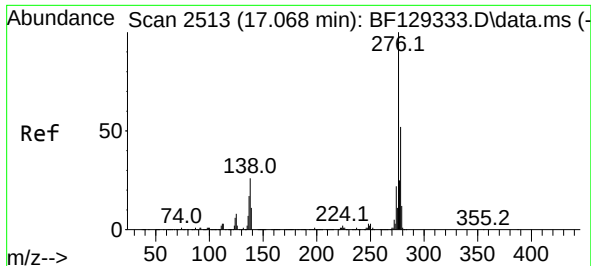
Tgt Ion:228 Resp: 210495
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

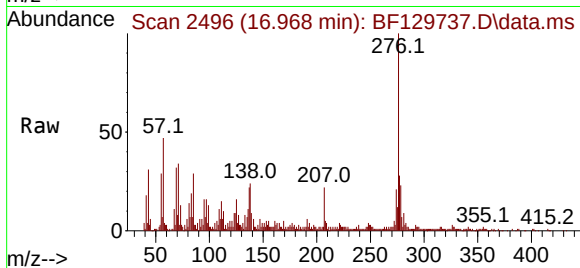
Tgt Ion:264 Resp: 230837
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.8 17.2 25.8



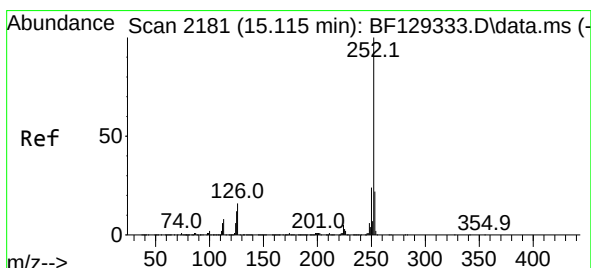
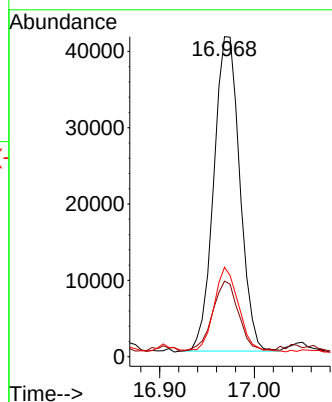
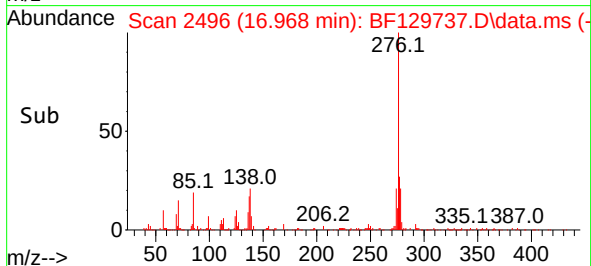


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.046 ng
 RT: 16.968 min Scan# 2496
 Delta R.T. -0.018 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05

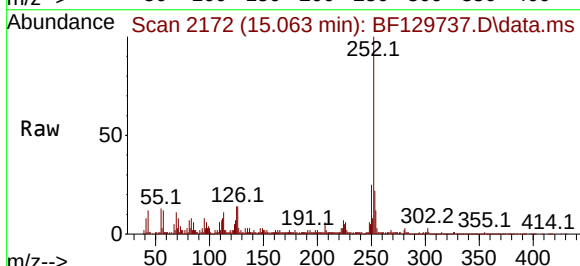
Instrument :
 BNA_F
 ClientSampleId :



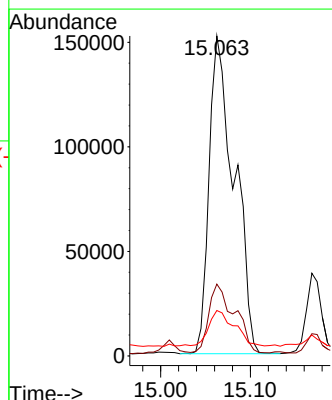
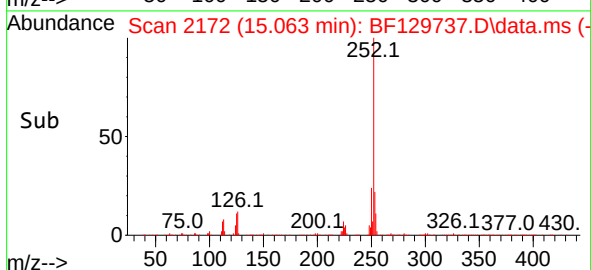
Tgt Ion:276 Resp: 78435
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.1 31.7
 277 25.7 20.3 30.5

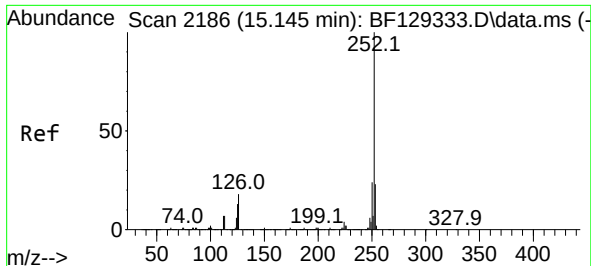


#88
 Benzo(b)fluoranthene
 Concen: 19.308 ng
 RT: 15.063 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BF129737.D
 Acq: 12 Aug 2022 03:05



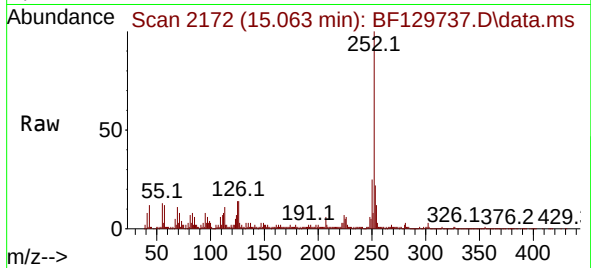
Tgt Ion:252 Resp: 295644
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 14.2 8.0 12.0#



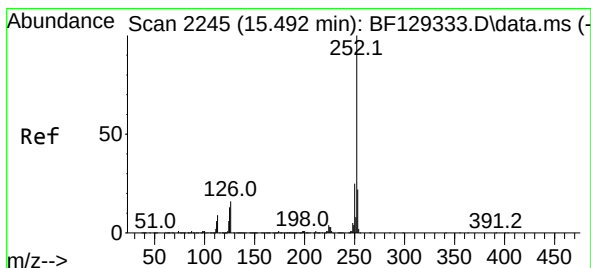
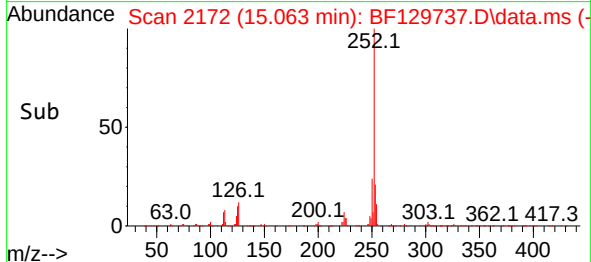
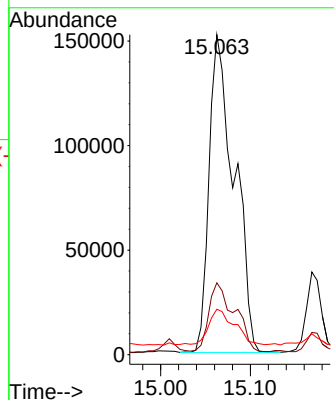


#89
Benzo(k)fluoranthene
Concen: 19.703 ng
RT: 15.063 min Scan# 2186
Delta R.T. -0.029 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Instrument :
BNA_F
ClientSampleId :

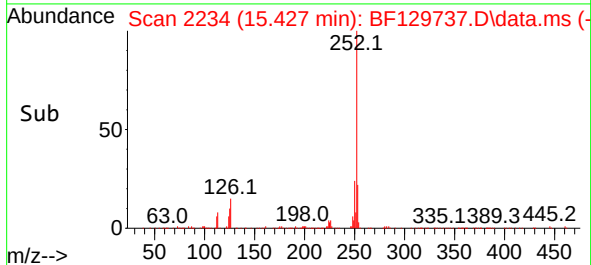
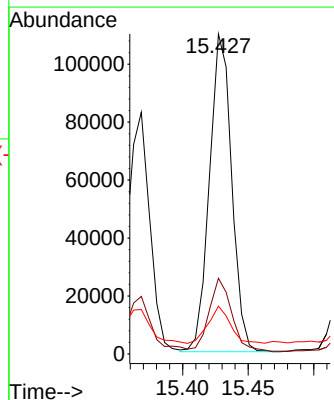
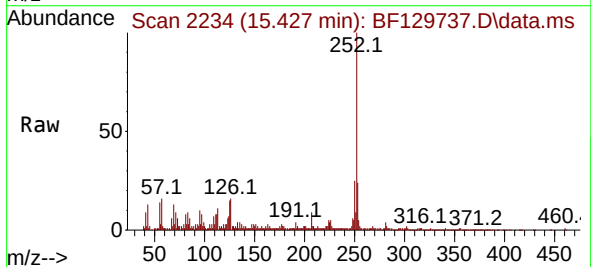


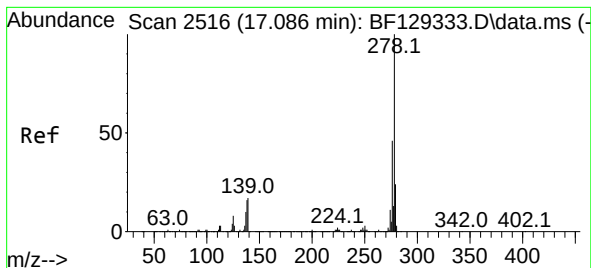
Tgt Ion:252 Resp: 295644
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 14.2 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 10.409 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BF129737.D
Acq: 12 Aug 2022 03:05

Tgt Ion:252 Resp: 129384
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 14.9 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 2.139 ng

RT: 16.974 min Scan# 2497

Delta R.T. -0.018 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Instrument :

BNA_F

ClientSampleId :

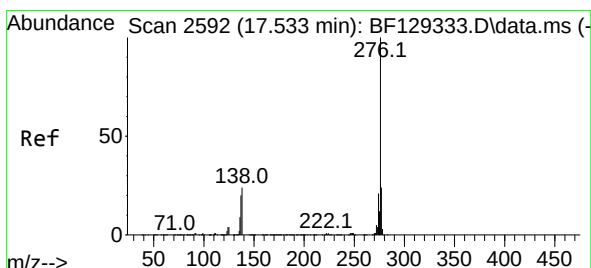
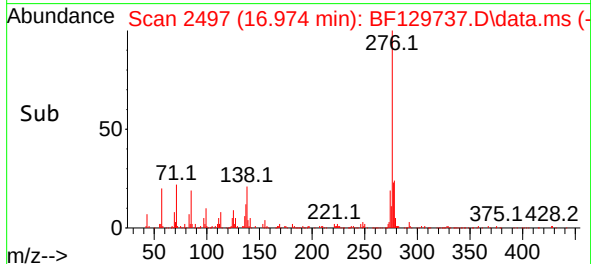
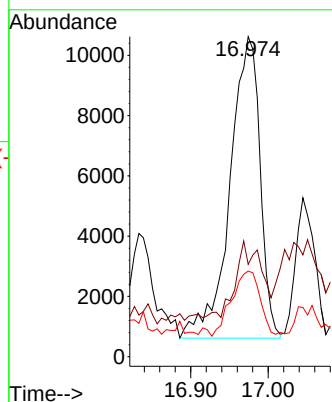
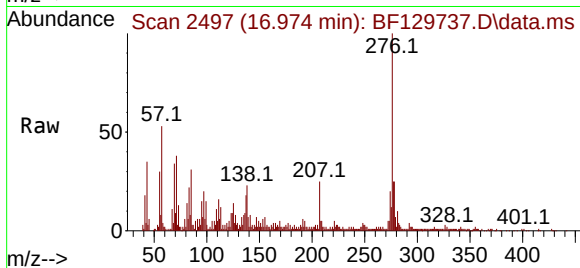
Tgt Ion:278 Resp: 27068

Ion Ratio Lower Upper

278 100

139 28.9 12.8 19.2#

279 26.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 5.093 ng

RT: 17.427 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BF129737.D

Acq: 12 Aug 2022 03:05

Tgt Ion:276 Resp: 65850

Ion Ratio Lower Upper

276 100

277 22.3 19.1 28.7

138 20.6 18.0 27.0

