

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129622.D
 Acq On : 06 Aug 2022 03:26
 Operator : CG\JU
 Sample : N4061-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2-0804

Quant Time: Aug 08 02:18:52 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 16:27:34 2022
 Response via : Initial Calibration

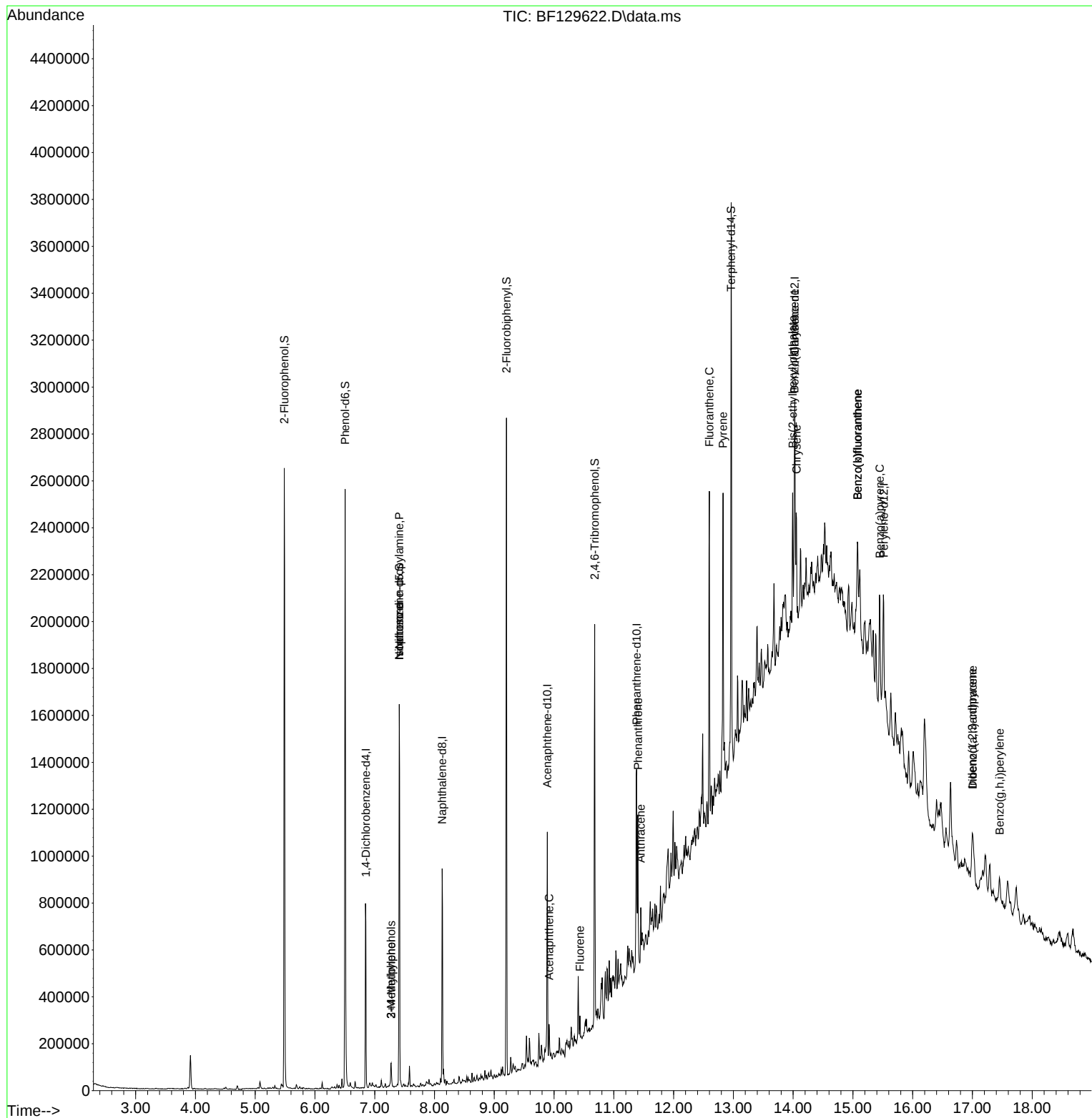
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	114215	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	390222	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	175347	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	304212	20.000	ng	0.00
76) Chrysene-d12	14.027	240	235319	20.000	ng	# 0.00
86) Perylene-d12	15.516	264	188059	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	717359	102.314	ng	0.00
7) Phenol-d6	6.504	99	826103	93.738	ng	0.00
23) Nitrobenzene-d5	7.410	82	499963	69.940	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	176538	104.719	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	765012	67.491	ng	0.00
79) Terphenyl-d14	12.963	244	779250	62.473	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.275	107	27016	4.251	ng	# 69
19) n-Nitroso-di-n-propyla...	7.410	70	65932	12.358	ng	# 73
20) 3+4-Methylphenols	7.275	107	27016	3.344	ng	# 70
25) Isophorone	7.410	82	499261	38.963	ng	# 65
52) Acenaphthene	9.916	154	25094	2.444	ng	100
58) Fluorene	10.434	166	26488	2.339	ng	99
71) Phenanthrene	11.404	178	237533	14.304	ng	98
72) Anthracene	11.451	178	79100	4.847	ng	98
75) Fluoranthene	12.598	202	536100	31.862	ng	100
78) Pyrene	12.827	202	485929	24.694	ng	98
81) Benzo(a)anthracene	14.022	228	216030	13.439	ng	95
83) Chrysene	14.057	228	206818	13.652	ng	96
84) Bis(2-ethylhexyl)phtha...	13.992	149	151122	13.449	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	96091	7.588	ng	97
88) Benzo(b)fluoranthene	15.080	252	315167	25.265	ng	# 87
89) Benzo(k)fluoranthene	15.080	252	315167	25.781	ng	# 87
90) Benzo(a)pyrene	15.451	252	147931	14.608	ng	# 83
91) Dibenzo(a,h)anthracene	17.004	278	24475	2.375	ng	# 52
92) Benzo(g,h,i)perylene	17.457	276	97383	9.246	ng	# 94

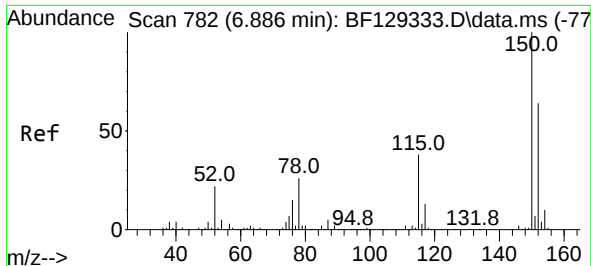
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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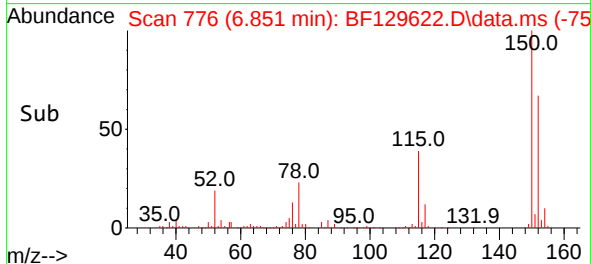
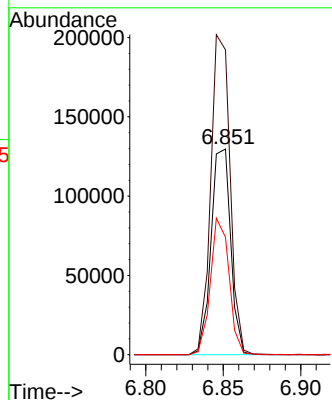
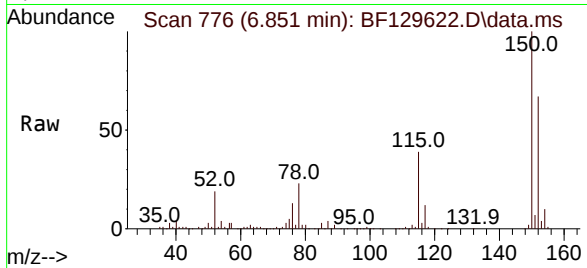




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

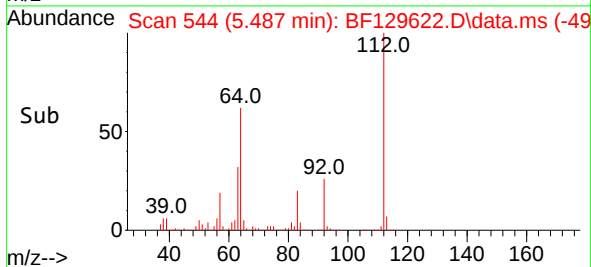
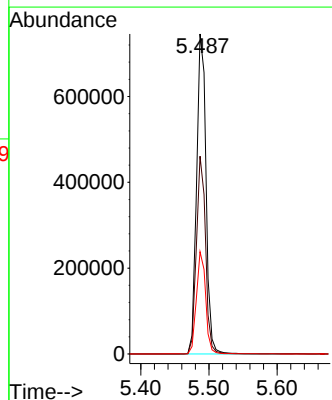
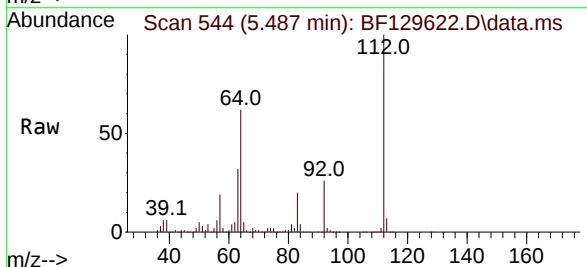
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BNA_F
ClientSampleId :
COMP2-0804

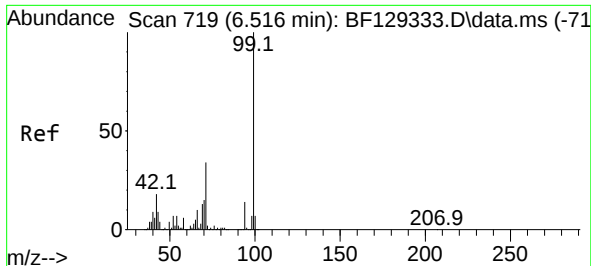
Tgt Ion:152 Resp: 114215
Ion Ratio Lower Upper
152 100
150 148.2 123.7 185.5
115 57.1 49.9 74.9



#5
2-Fluorophenol
Concen: 102.314 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion:112 Resp: 717359
Ion Ratio Lower Upper
112 100
64 61.8 53.3 79.9
63 31.9 28.0 42.0

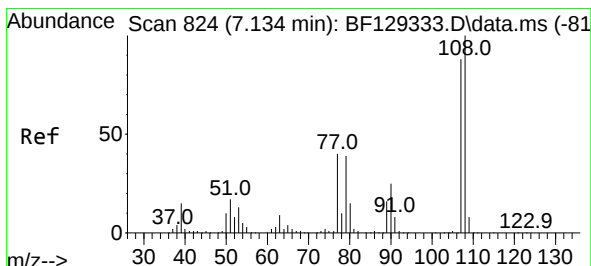
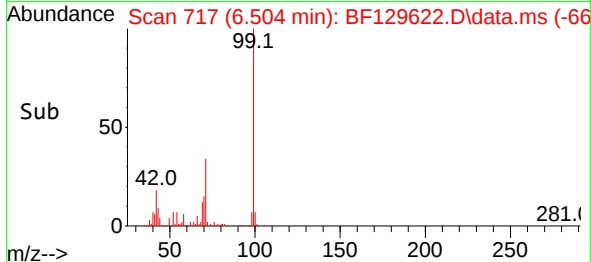
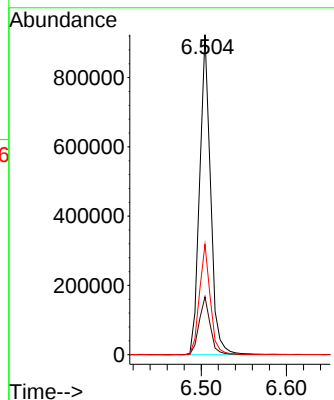
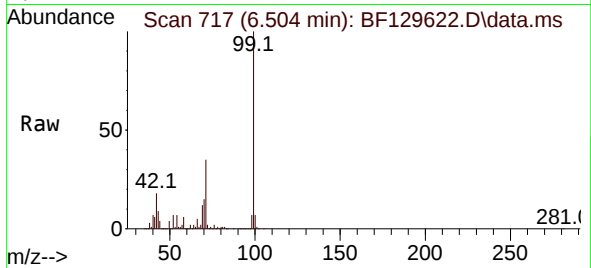




#7
Phenol-d6
Concen: 93.738 ng
RT: 6.504 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

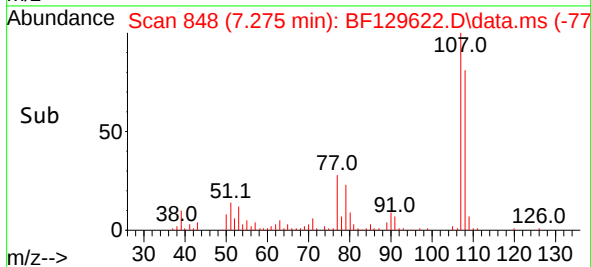
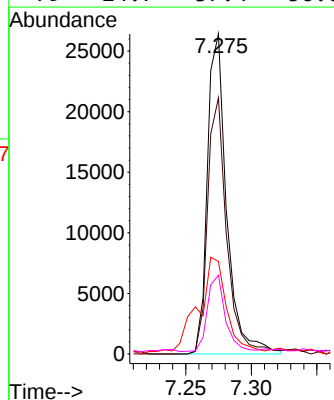
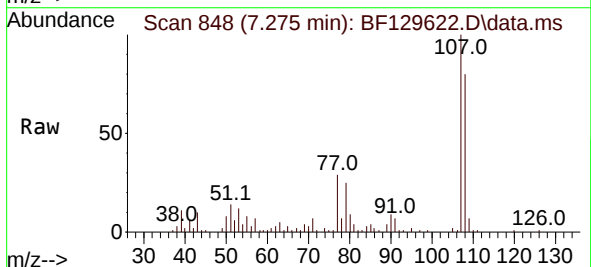
Instrument :
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ClientSampleId :
COMP2-0804

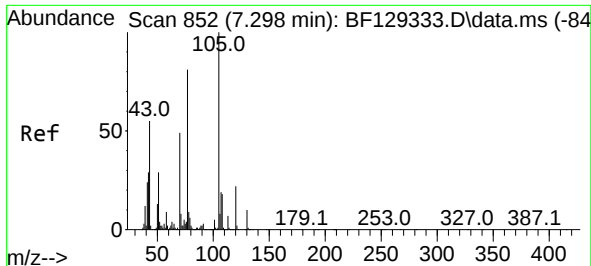
Tgt Ion: 99 Resp: 826103
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 34.5 28.9 43.3



#17
2-Methylphenol
Concen: 4.251 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.159 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion: 107 Resp: 27016
Ion Ratio Lower Upper
107 100
108 80.1 91.9 137.9#
77 28.9 37.8 56.8#
79 24.7 37.4 56.0#



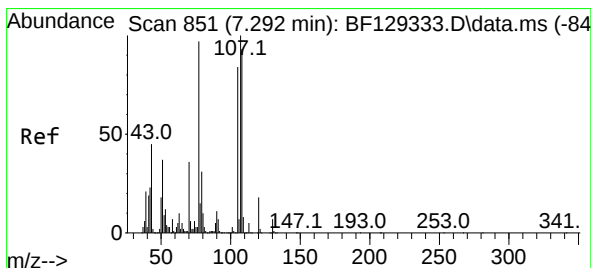
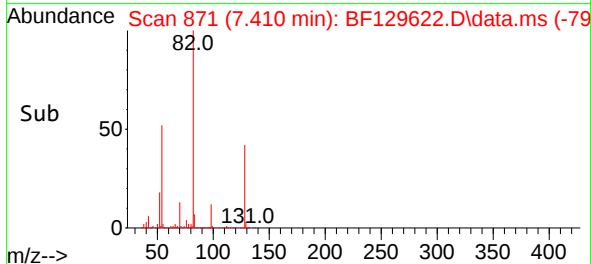
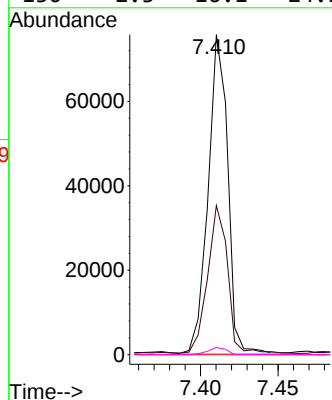
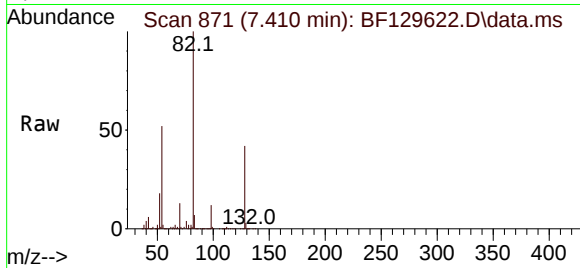


#19
n-Nitroso-di-n-propylamine
Concen: 12.358 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Instrument :
BNA_F
ClientSampleId :
COMP2-0804

Tgt Ion: 70 Resp: 65932

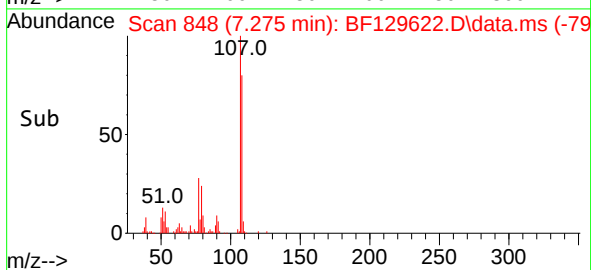
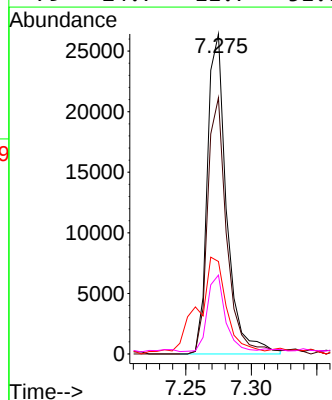
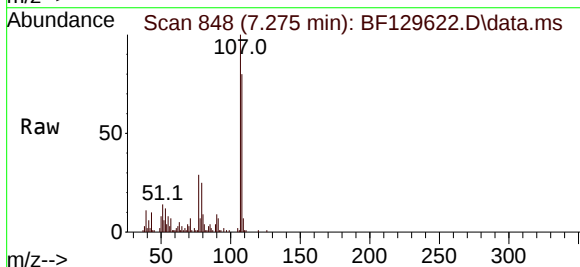
Ion	Ratio	Lower	Upper
70	100		
42	46.6	52.3	78.5#
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#

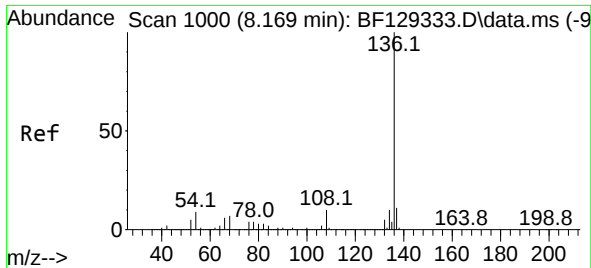


#20
3+4-Methylphenols
Concen: 3.344 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion: 107 Resp: 27016

Ion	Ratio	Lower	Upper
107	100		
108	80.1	71.8	111.8
77	28.9	59.3	99.3#
79	24.7	11.7	51.7



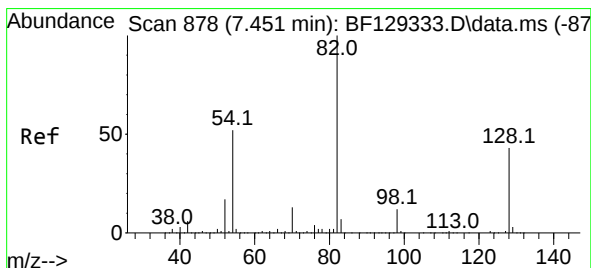
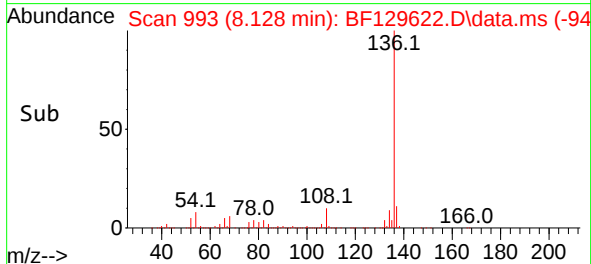
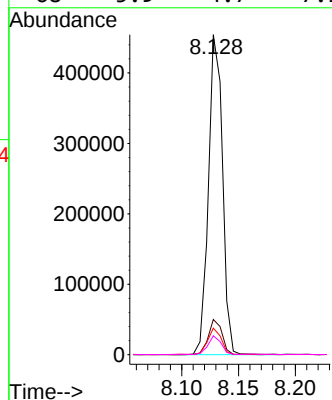
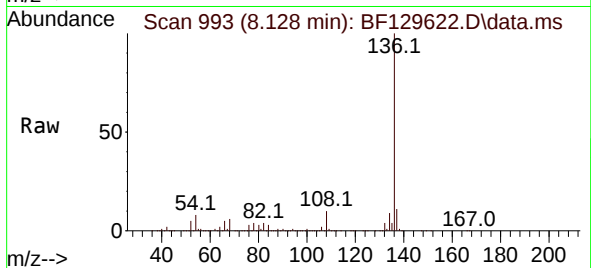


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Instrument :
BNA_F
ClientSampleId :
COMP2-0804

Tgt Ion:136 Resp: 390222

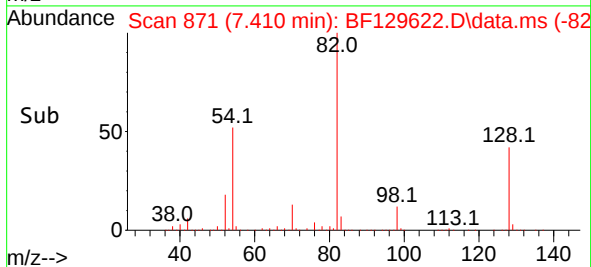
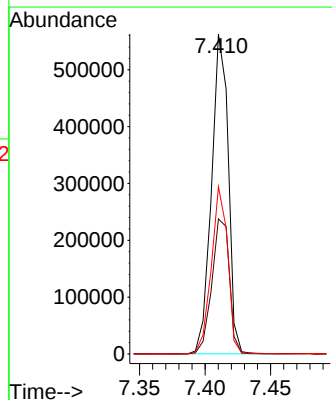
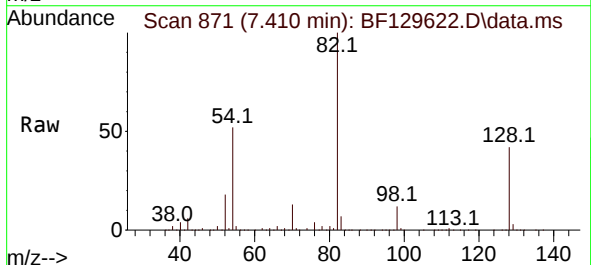
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	5.9	4.7	7.1

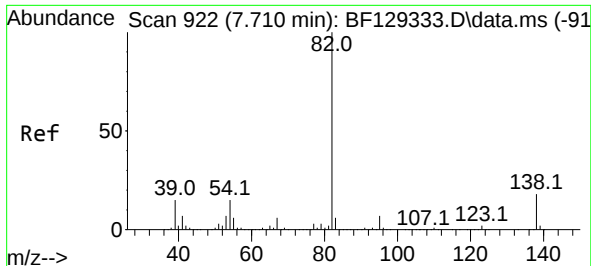


#23
Nitrobenzene-d5
Concen: 69.940 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion: 82 Resp: 499963

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.0	51.0
54	52.3	46.9	70.3

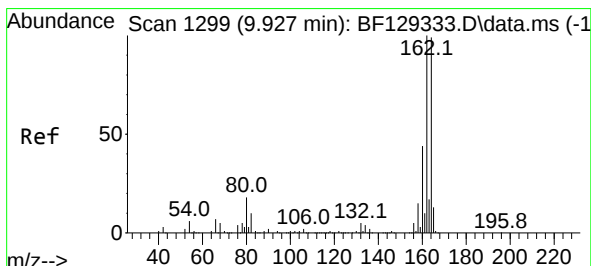
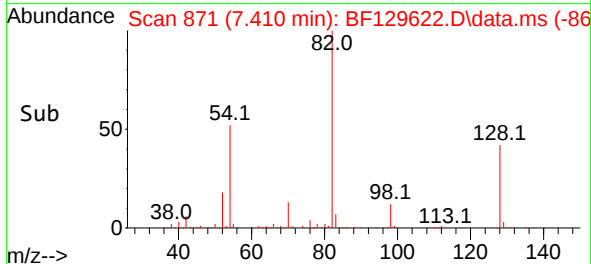
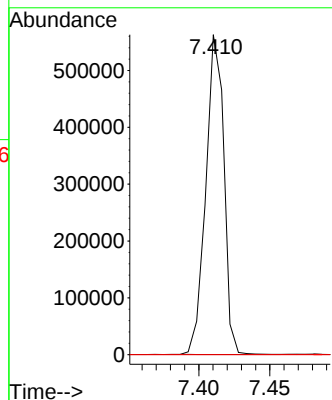
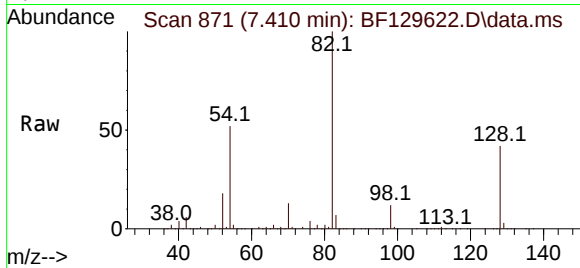




#25
Isophorone
Concen: 38.963 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

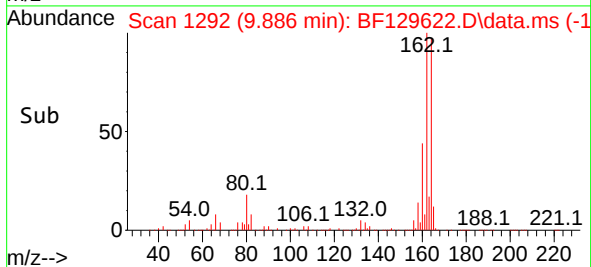
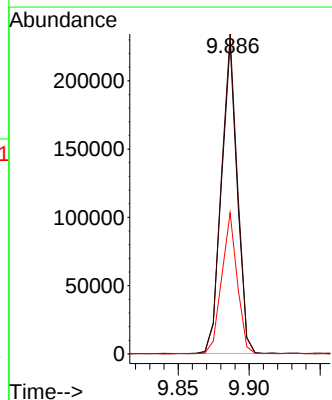
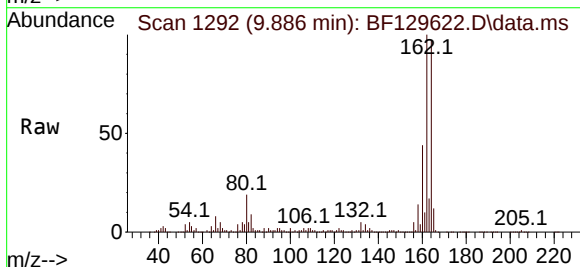
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ClientSampleId :
COMP2-0804

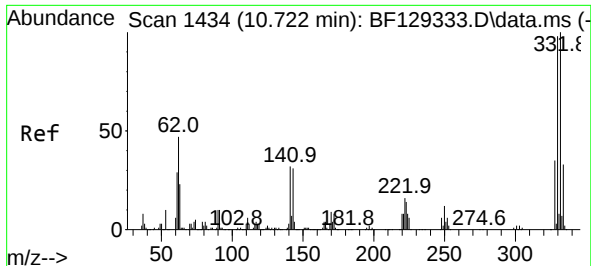
Tgt Ion: 82 Resp: 499261
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion:164 Resp: 175347
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 104.719 ng

RT: 10.681 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

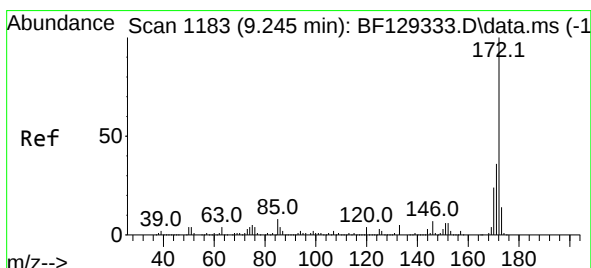
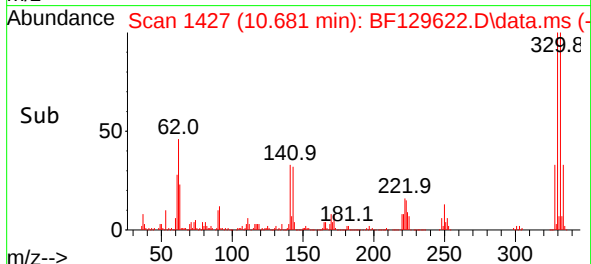
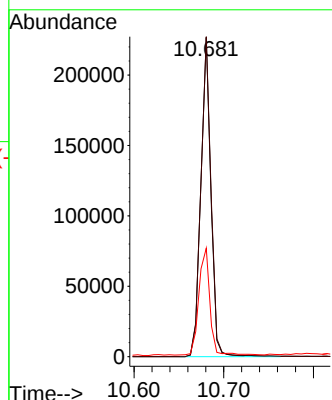
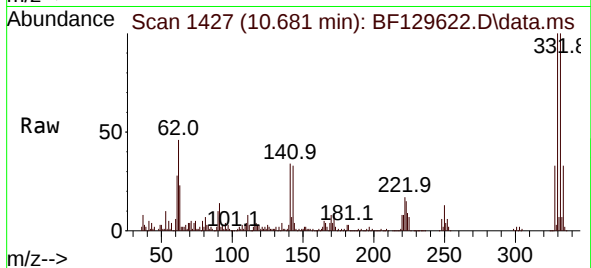
Tgt Ion:330 Resp: 176538

Ion Ratio Lower Upper

330 100

332 100.8 76.8 115.2

141 36.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.491 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

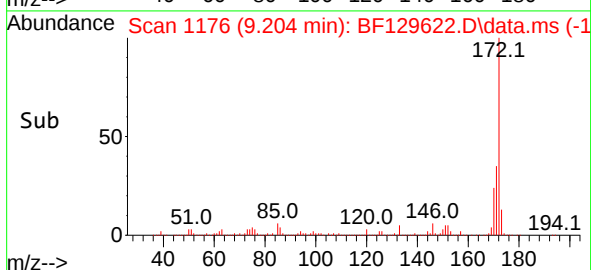
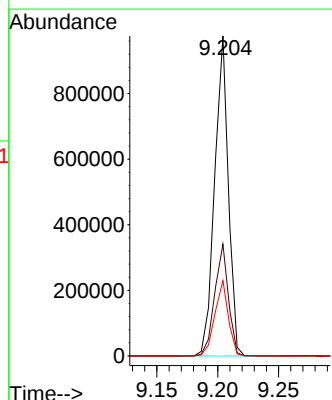
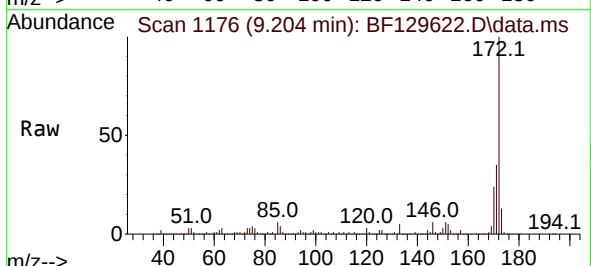
Tgt Ion:172 Resp: 765012

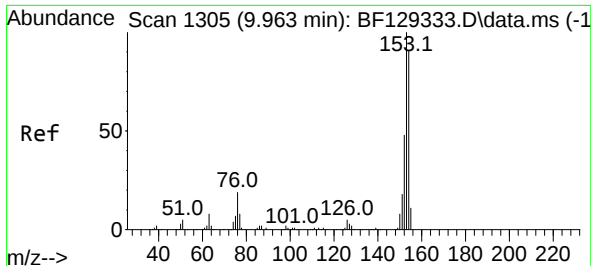
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 19.8 29.8

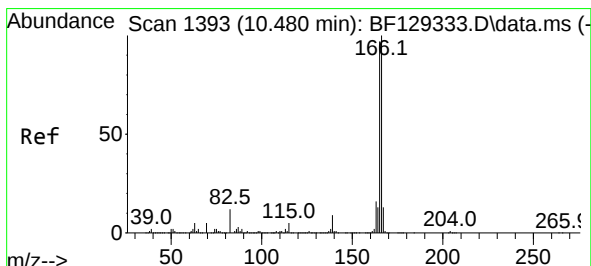
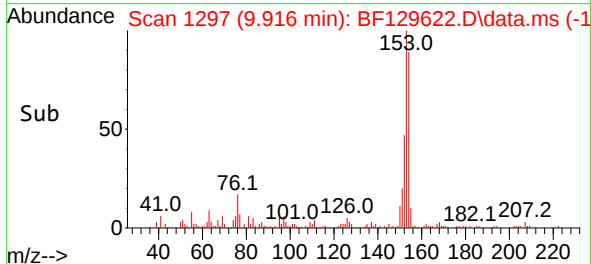
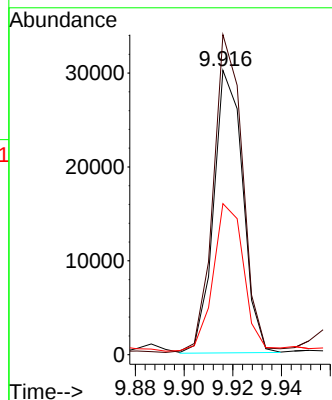
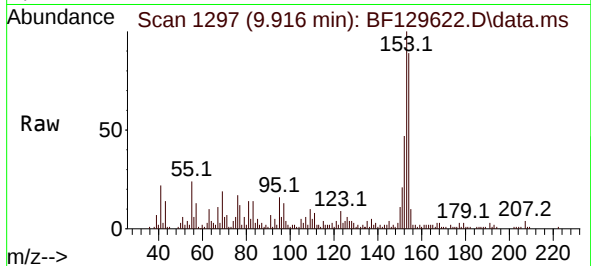




#52
Acenaphthene
Concen: 2.444 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

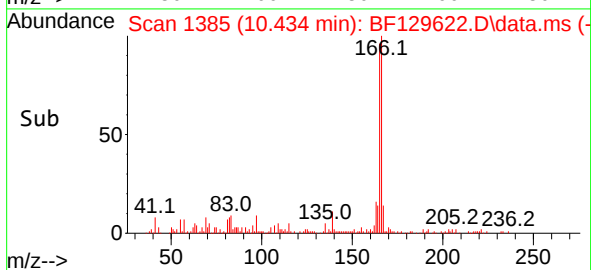
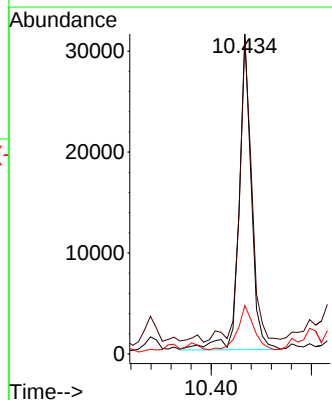
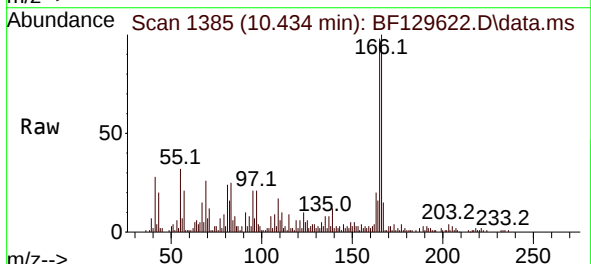
Instrument :
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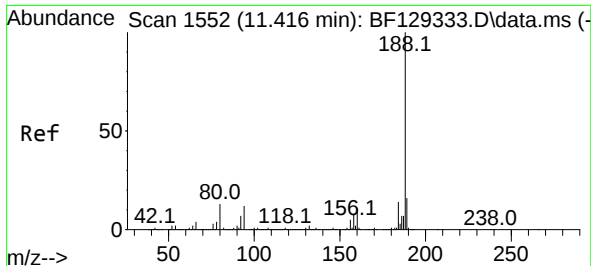
Tgt Ion:154 Resp: 25094
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 53.1 42.4 63.6



#58
Fluorene
Concen: 2.339 ng
RT: 10.434 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion:166 Resp: 26488
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 15.1 10.5 15.7

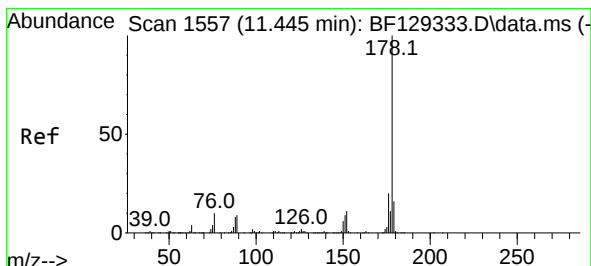
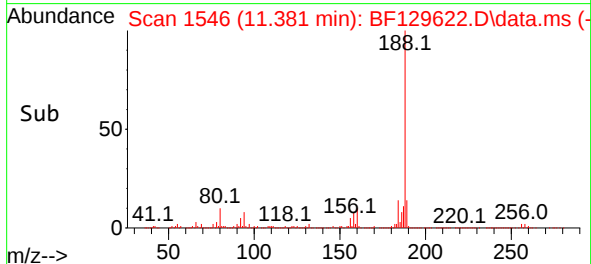
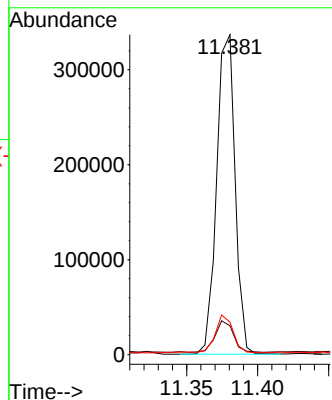
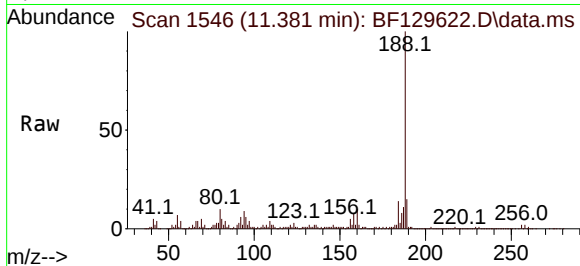




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

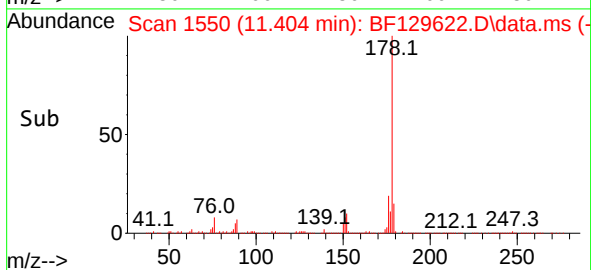
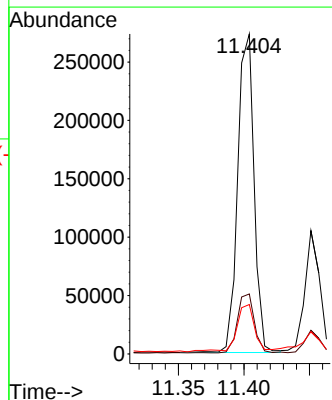
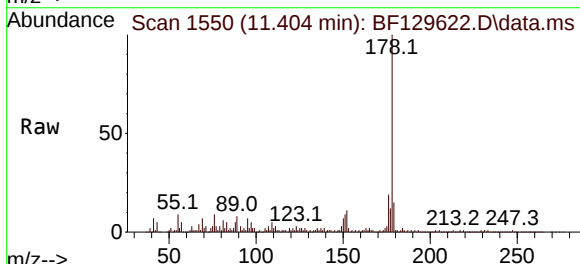
Instrument :
BNA_F
ClientSampleId :
COMP2-0804

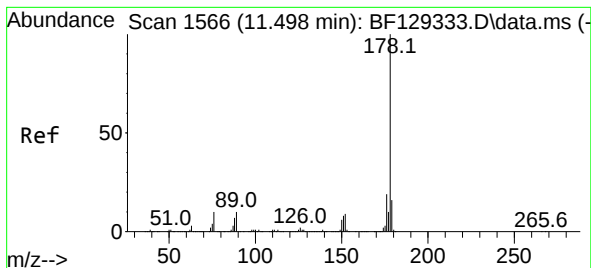
Tgt Ion:188 Resp: 304212
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 7.6 11.4



#71
Phenanthrene
Concen: 14.304 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion:178 Resp: 237533
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.5 12.6 19.0





#72

Anthracene

Concen: 4.847 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

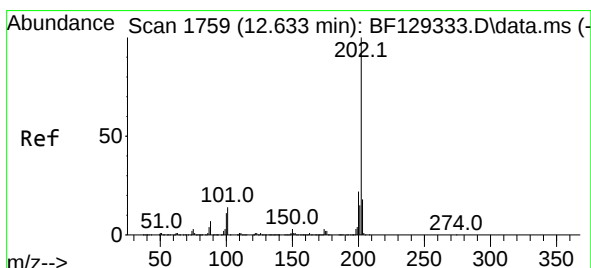
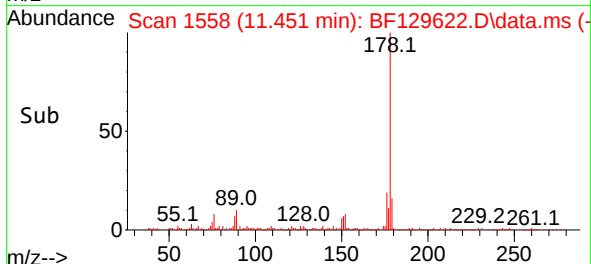
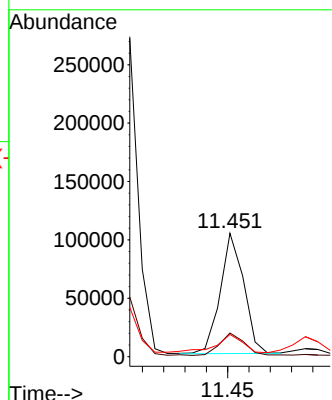
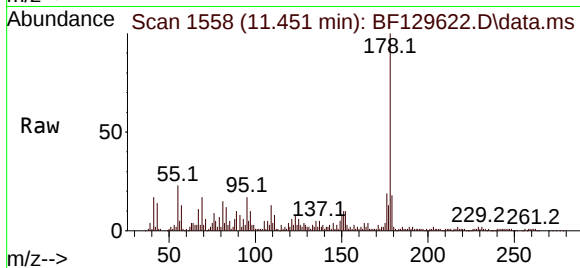
Tgt Ion:178 Resp: 79100

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 18.0 12.6 19.0



#75

Fluoranthene

Concen: 31.862 ng

RT: 12.598 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

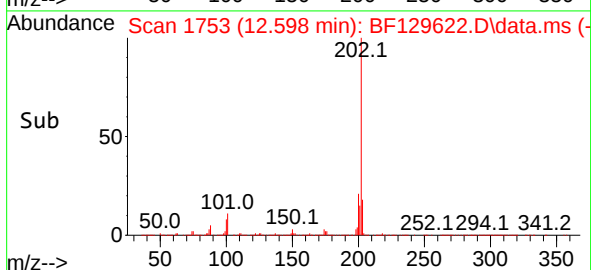
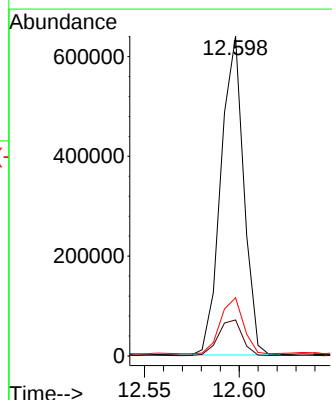
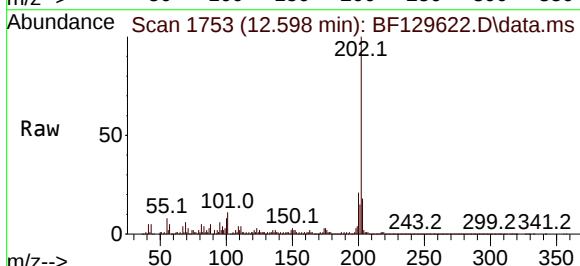
Tgt Ion:202 Resp: 536100

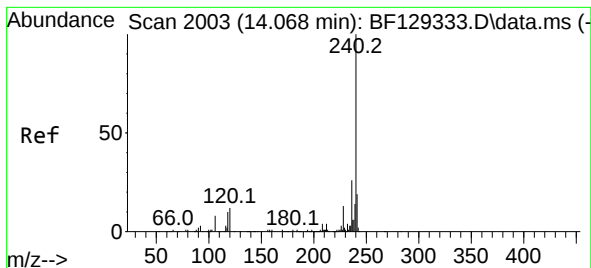
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

203 18.2 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

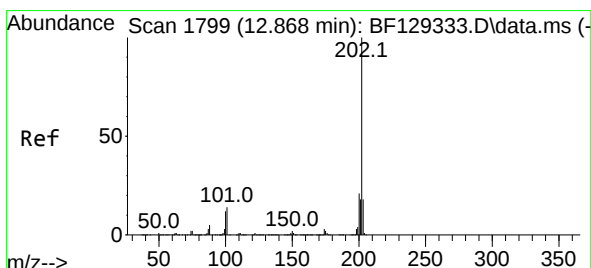
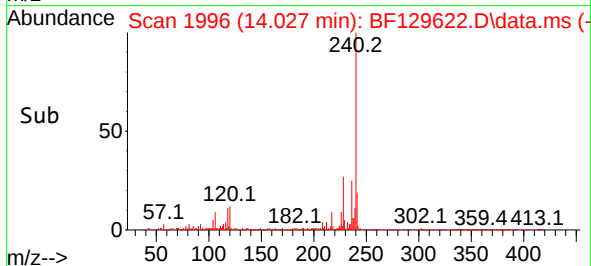
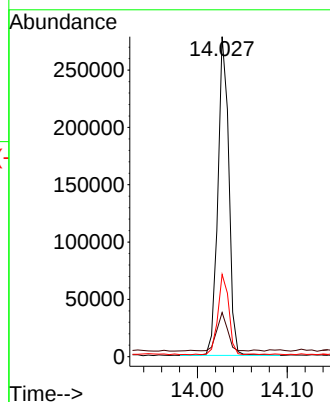
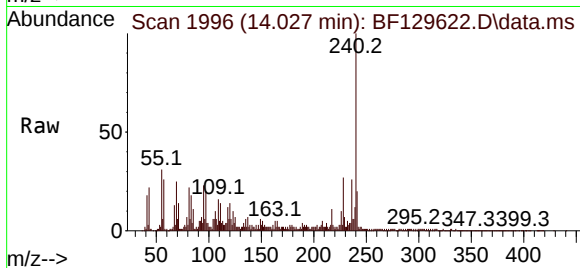
Tgt Ion:240 Resp: 235319

Ion Ratio Lower Upper

240 100

120 13.8 8.9 13.3#

236 25.7 20.8 31.2



#78

Pyrene

Concen: 24.694 ng

RT: 12.827 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

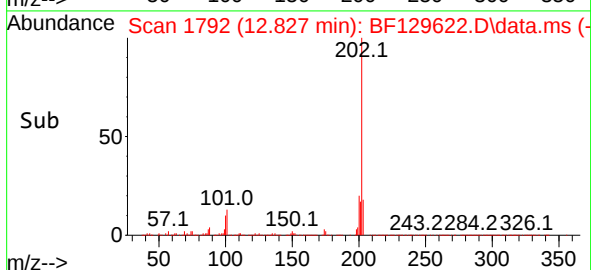
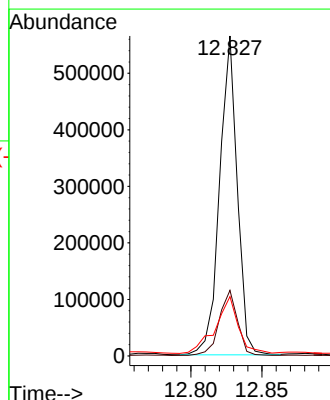
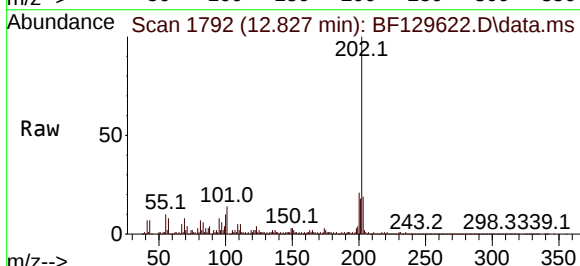
Tgt Ion:202 Resp: 485929

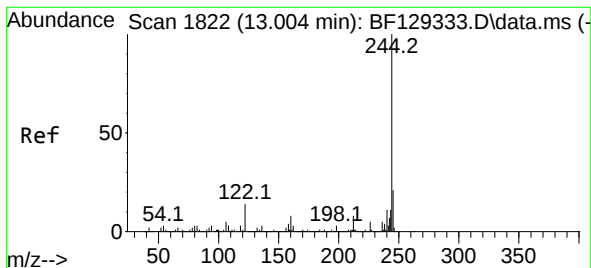
Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 62.473 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

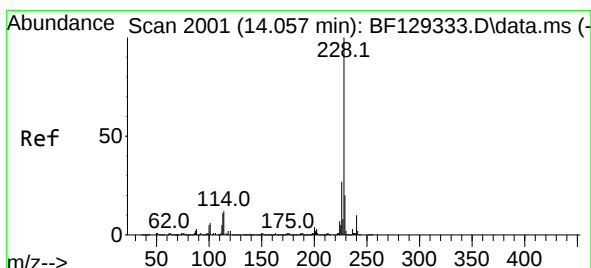
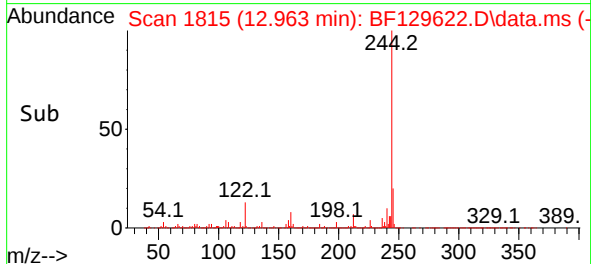
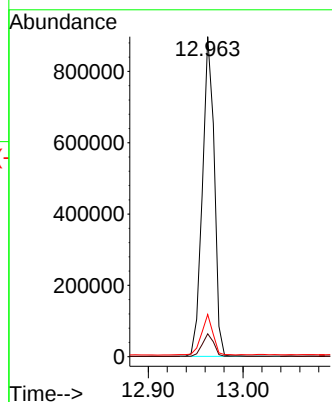
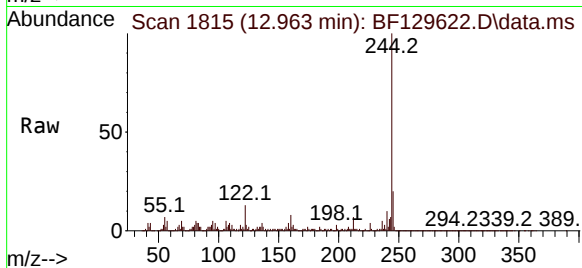
Tgt Ion:244 Resp: 779250

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 13.2 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 13.439 ng

RT: 14.022 min Scan# 1995

Delta R.T. 0.006 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

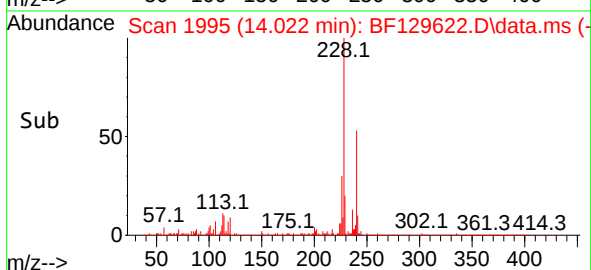
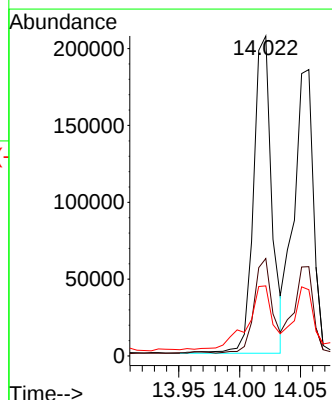
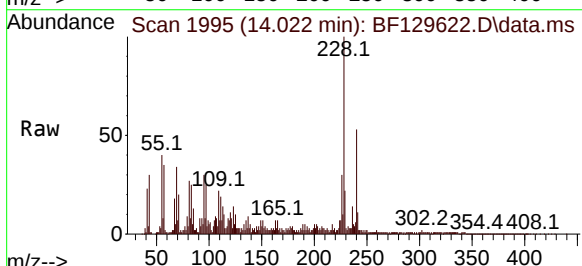
Tgt Ion:228 Resp: 216030

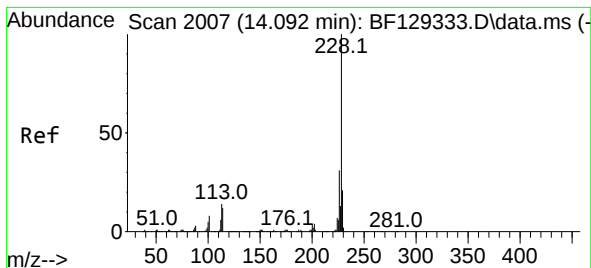
Ion Ratio Lower Upper

228 100

226 30.4 22.1 33.1

229 21.9 15.8 23.8





#83

Chrysene

Concen: 13.652 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

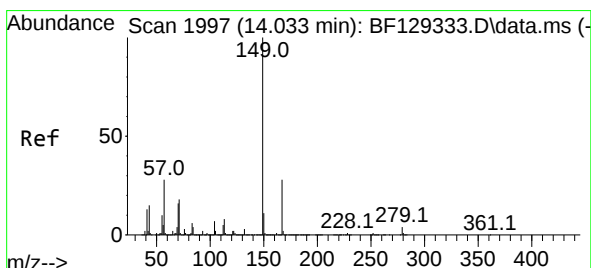
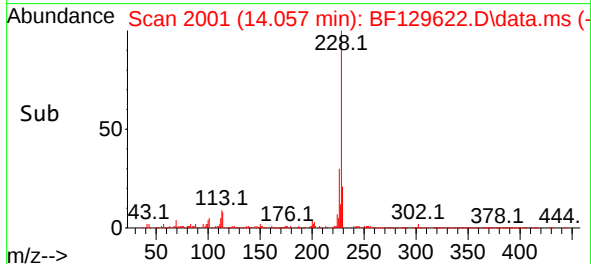
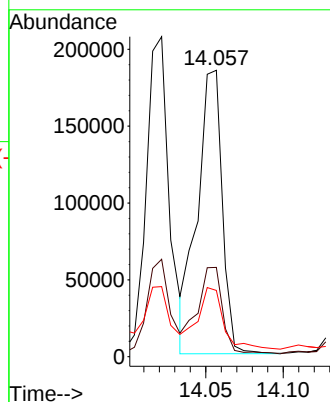
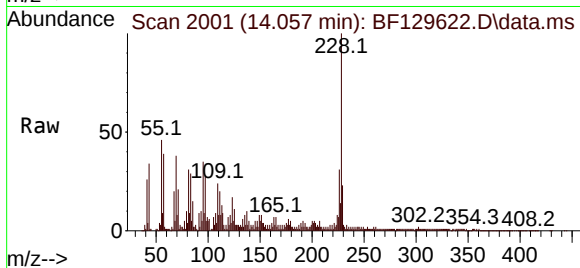
Tgt Ion:228 Resp: 206818

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

229 23.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.449 ng

RT: 13.992 min Scan# 1990

Delta R.T. 0.006 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

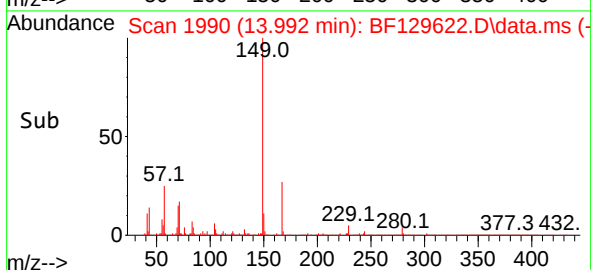
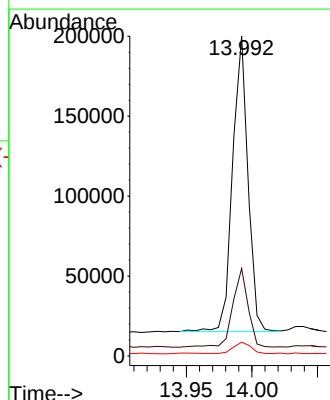
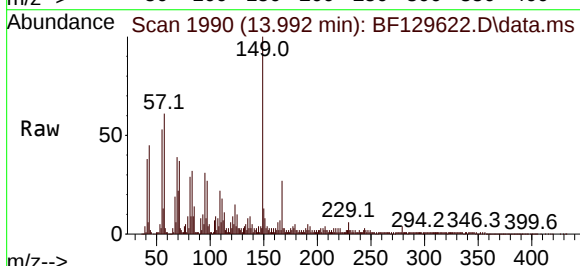
Tgt Ion:149 Resp: 151122

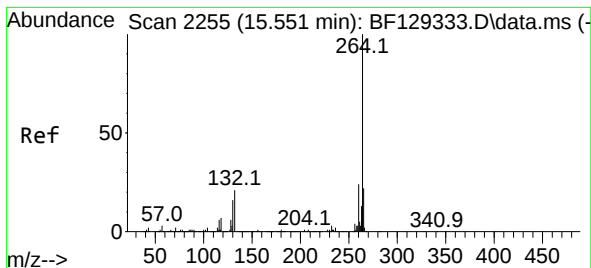
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

279 4.3 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

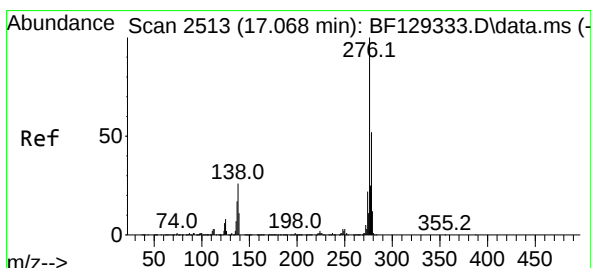
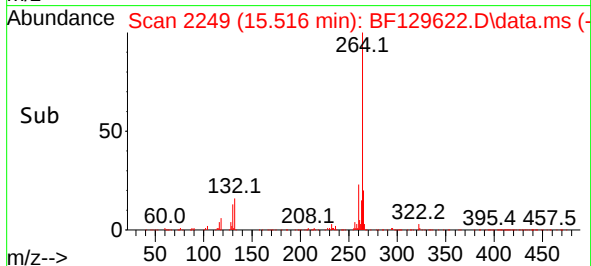
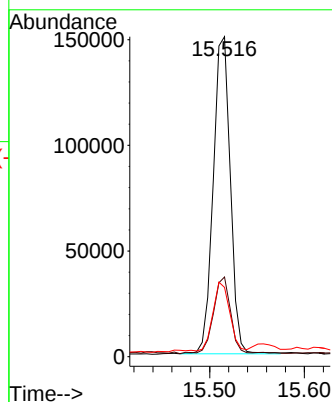
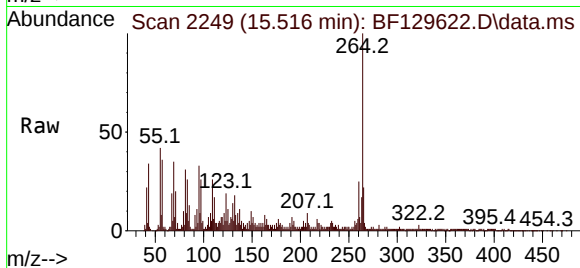
Tgt Ion:264 Resp: 188059

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 21.6 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.588 ng

RT: 16.998 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

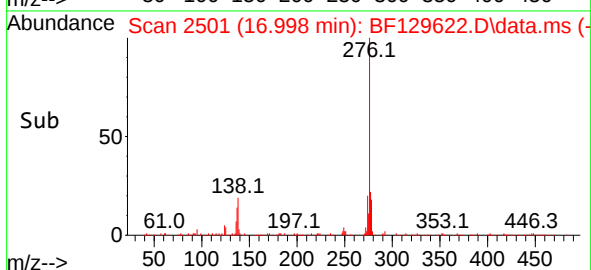
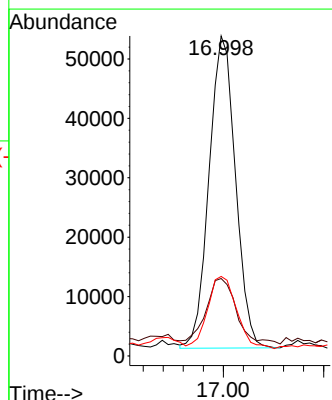
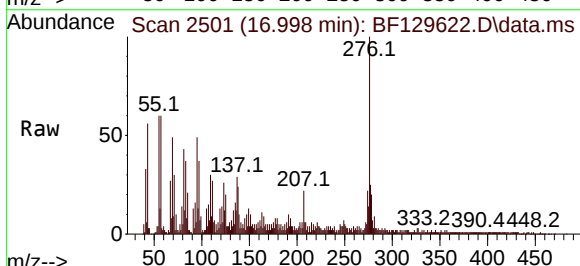
Tgt Ion:276 Resp: 96091

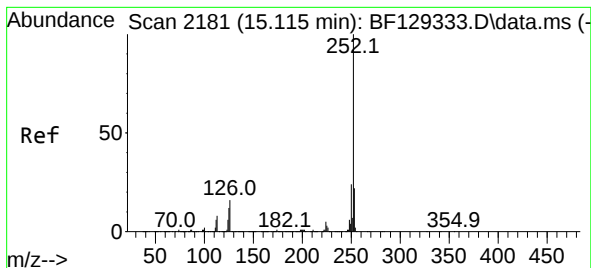
Ion Ratio Lower Upper

276 100

138 23.9 21.1 31.7

277 25.4 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 25.265 ng

RT: 15.080 min Scan# 2175

Delta R.T. 0.012 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804

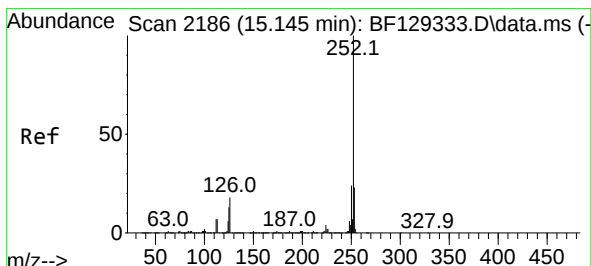
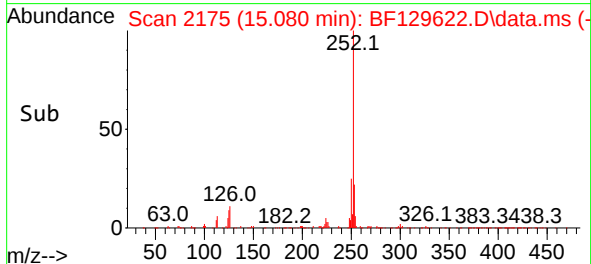
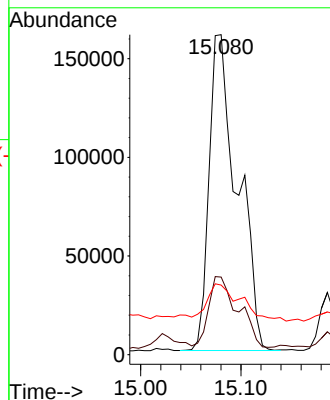
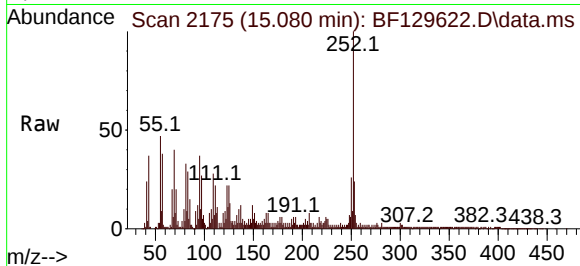
Tgt Ion:252 Resp: 315167

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

125 21.7 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 25.781 ng

RT: 15.080 min Scan# 2175

Delta R.T. -0.023 min

Lab File: BF129622.D

Acq: 06 Aug 2022 03:26

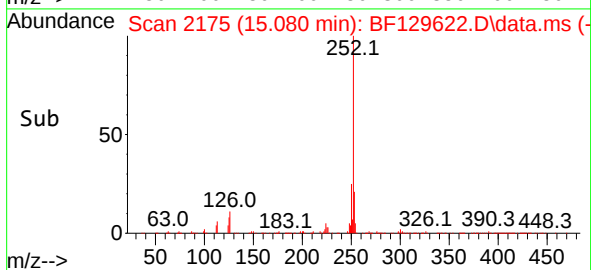
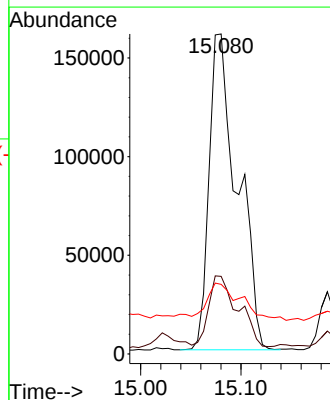
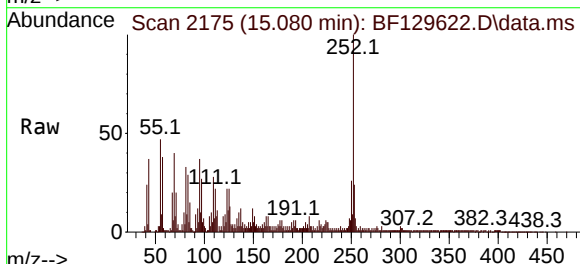
Tgt Ion:252 Resp: 315167

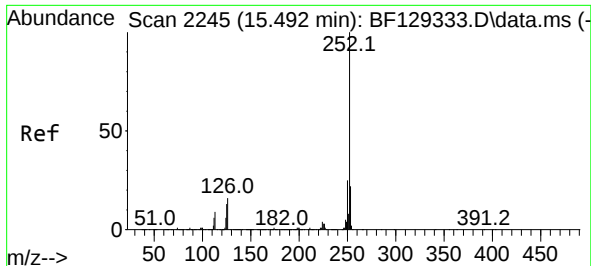
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

125 21.7 8.3 12.5#

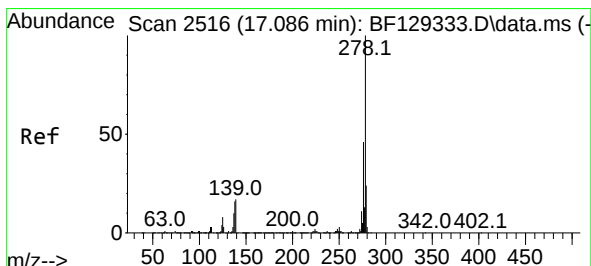
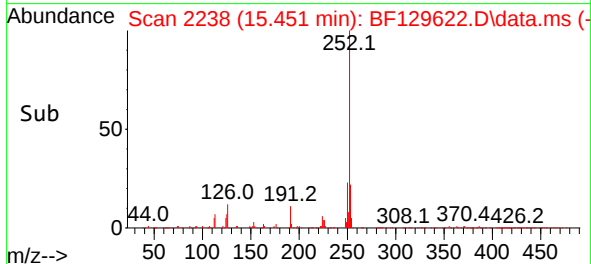
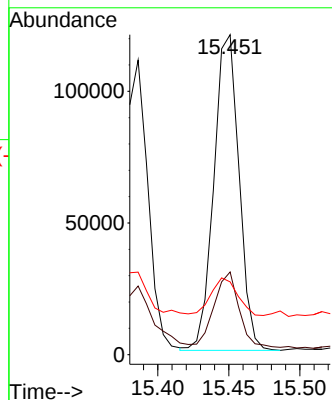
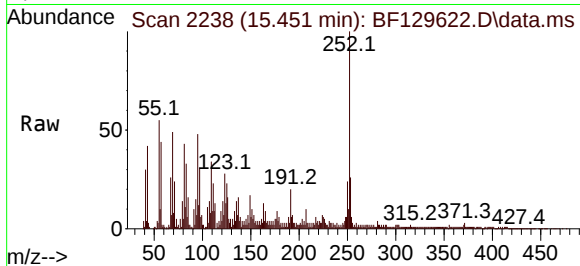




#90
Benzo(a)pyrene
Concen: 14.608 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

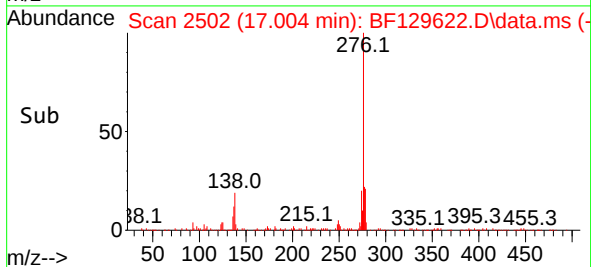
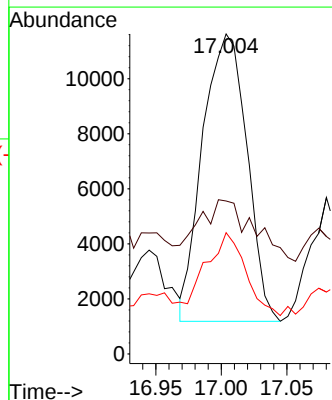
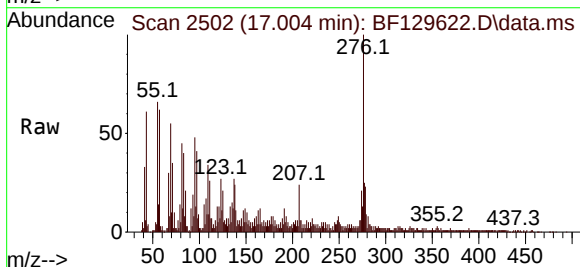
Instrument :
BNA_F
ClientSampleId :
COMP2-0804

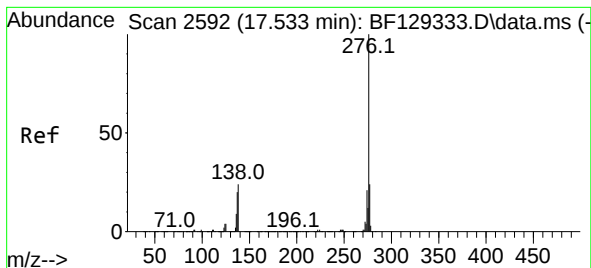
Tgt Ion:252 Resp: 147931
Ion Ratio Lower Upper
252 100
253 25.8 17.0 25.6#
125 22.7 8.8 13.2#



#91
Dibenzo(a,h)anthracene
Concen: 2.375 ng
RT: 17.004 min Scan# 2502
Delta R.T. -0.006 min
Lab File: BF129622.D
Acq: 06 Aug 2022 03:26

Tgt Ion:278 Resp: 24475
Ion Ratio Lower Upper
278 100
139 47.8 12.8 19.2#
279 37.9 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 9.246 ng

RT: 17.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129622.D

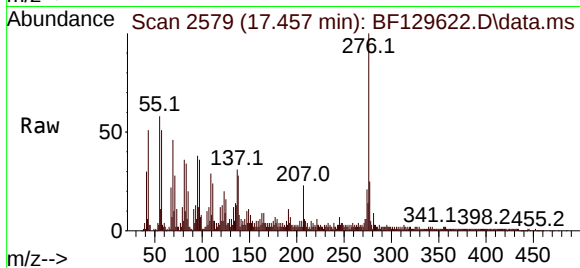
Acq: 06 Aug 2022 03:26

Instrument :

BNA_F

ClientSampleId :

COMP2-0804



Tgt Ion:276 Resp: 97383

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 27.7 18.0 27.0#

