

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129734.D
 Acq On : 12 Aug 2022 01:28
 Operator : CG\JU
 Sample : N4130-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB06

Quant Time: Aug 12 01:54:39 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

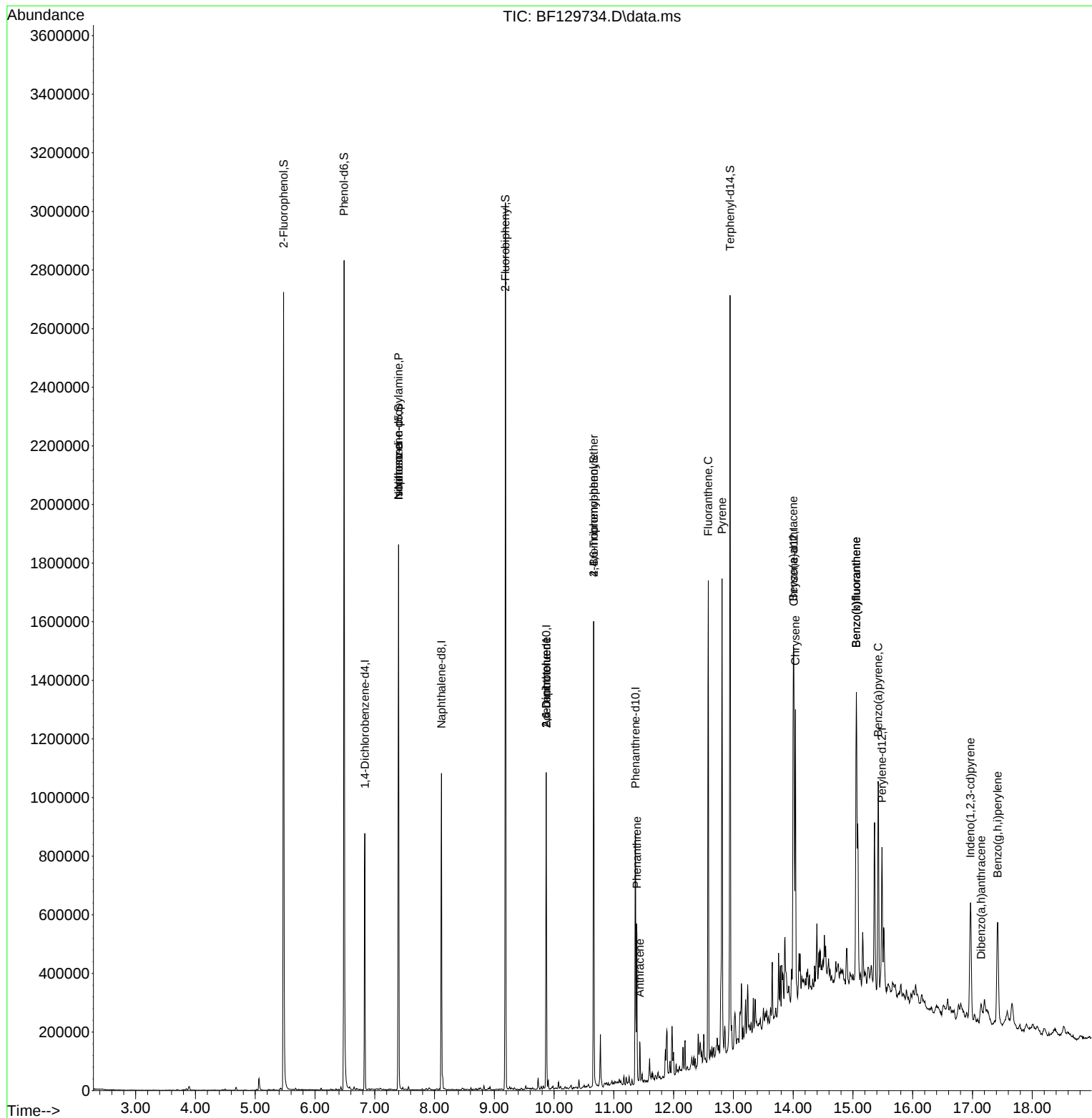
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	125633	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	447396	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	198209	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	315071	20.000	ng	0.00
76) Chrysene-d12	14.010	240	271242	20.000	ng	-0.01
86) Perylene-d12	15.486	264	211551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	739900	95.938	ng	0.00
7) Phenol-d6	6.487	99	884864	91.281	ng	0.00
23) Nitrobenzene-d5	7.398	82	546736	66.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	166519	87.383	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	859552	67.085	ng	-0.01
79) Terphenyl-d14	12.945	244	769818	53.543	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	71006	12.099	ng	# 74
25) Isophorone	7.398	82	546729	37.215	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	25999	8.489	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	25999	6.499	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	10434	3.024	ng	# 1
71) Phenanthrene	11.386	178	197538	11.486	ng	98
72) Anthracene	11.433	178	52310	3.095	ng	99
75) Fluoranthene	12.580	202	621940	35.690	ng	99
78) Pyrene	12.810	202	600479	26.474	ng	98
81) Benzo(a)anthracene	14.004	228	377329	20.365	ng	97
83) Chrysene	14.039	228	384430	22.015	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	256284	17.990	ng	95
88) Benzo(b)fluoranthene	15.057	252	708220	50.469	ng	97
89) Benzo(k)fluoranthene	15.057	252	708220	51.500	ng	98
90) Benzo(a)pyrene	15.421	252	340684	29.907	ng	96
91) Dibenzo(a,h)anthracene	17.145	278	43080	3.715	ng	96
92) Benzo(g,h,i)perylene	17.421	276	276589	23.344	ng	100

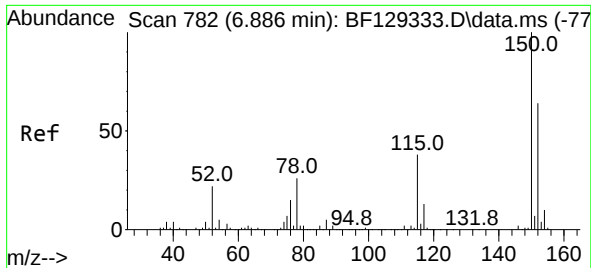
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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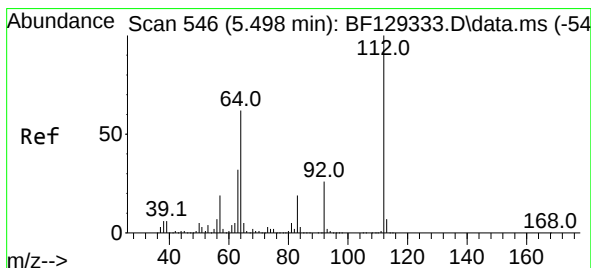
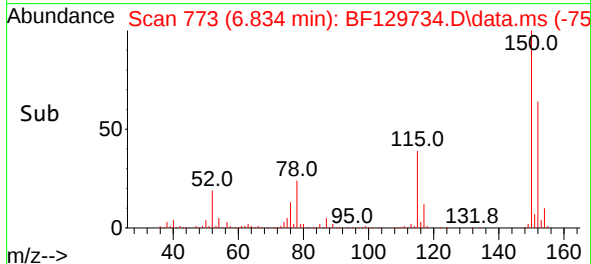
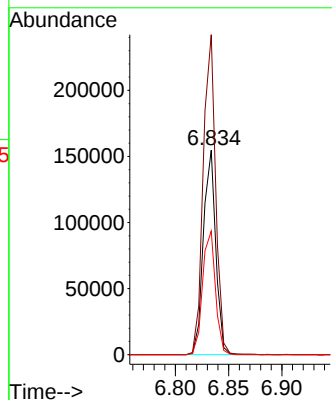
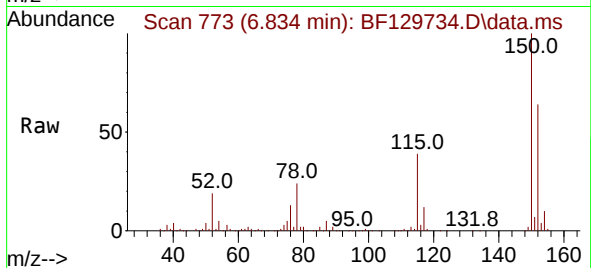




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28

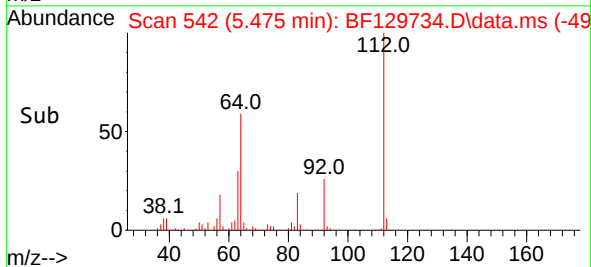
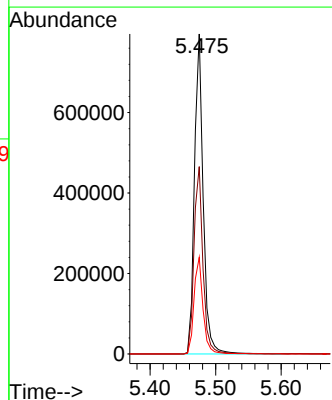
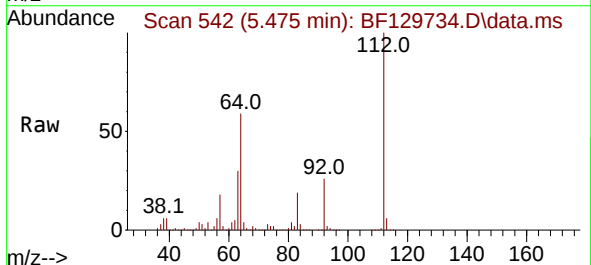
Instrument :
 BNA_F
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 SB06

Tgt Ion:152 Resp: 125633
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.7 185.5
 115 60.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 95.938 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF129734.D
 Acq: 12 Aug 2022 01:28

Tgt Ion:112 Resp: 739900
 Ion Ratio Lower Upper
 112 100
 64 58.5 53.3 79.9
 63 30.2 28.0 42.0

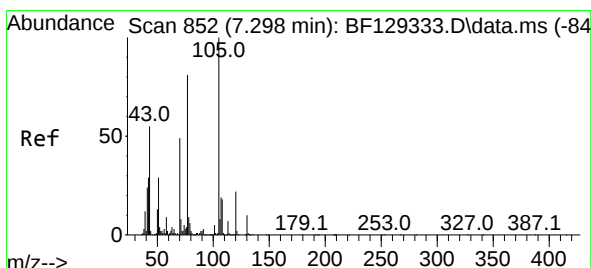
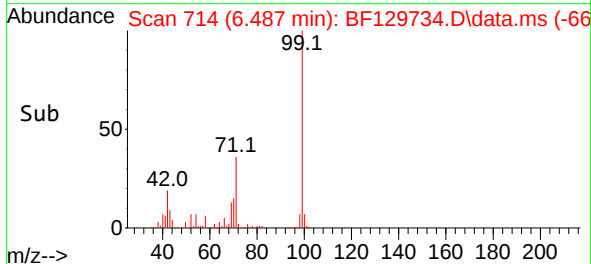
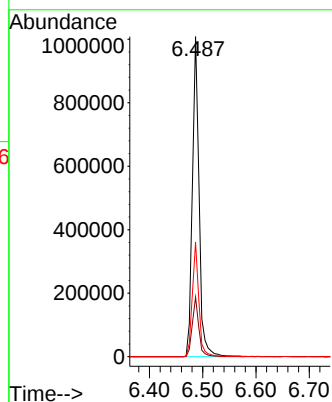
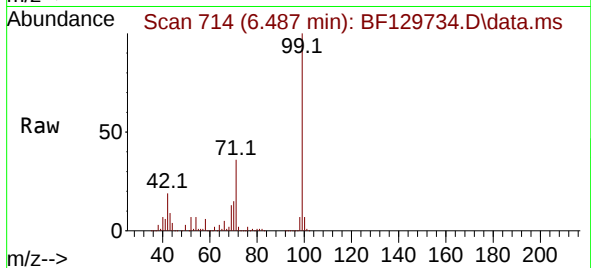




#7
Phenol-d6
Concen: 91.281 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

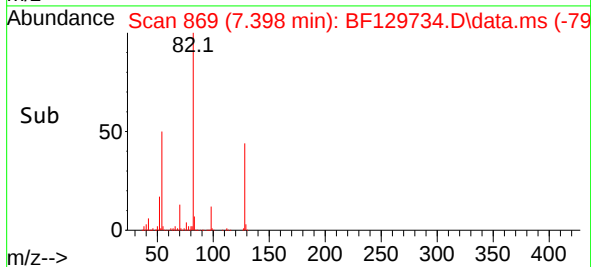
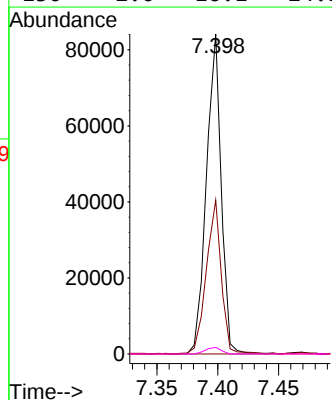
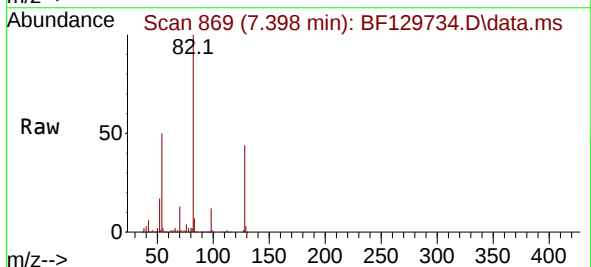
Instrument :
BNA_F
ClientSampleId :
SB06

Tgt Ion: 99 Resp: 884864
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 35.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.099 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion: 70 Resp: 71006
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



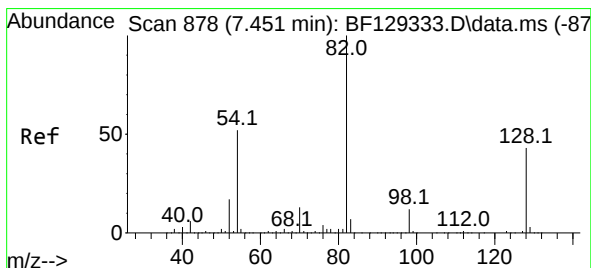
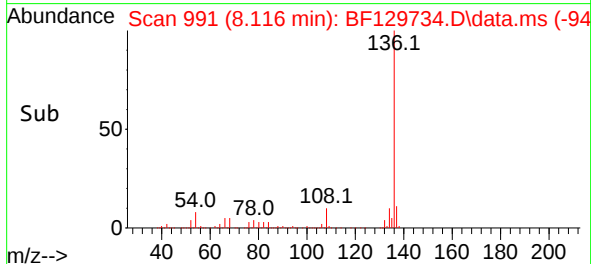
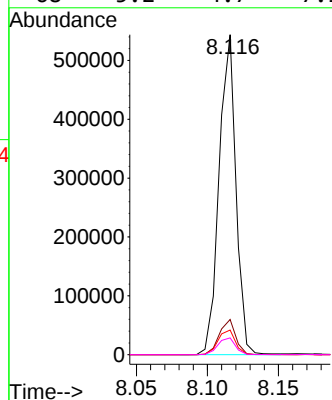
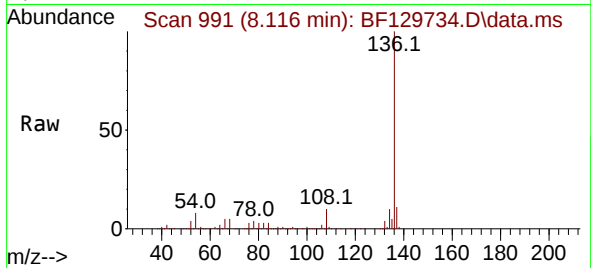


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Instrument :
BNA_F
ClientSampleId :
SB06

Tgt Ion:136 Resp: 447396

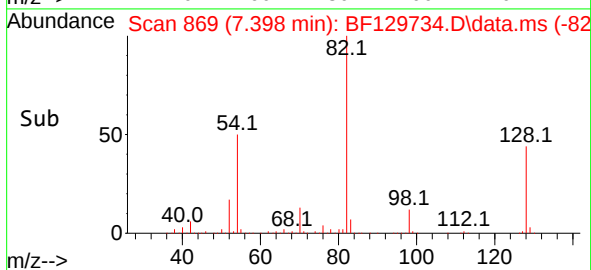
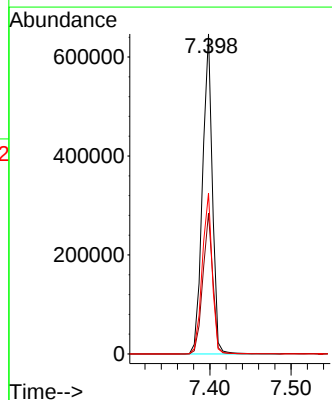
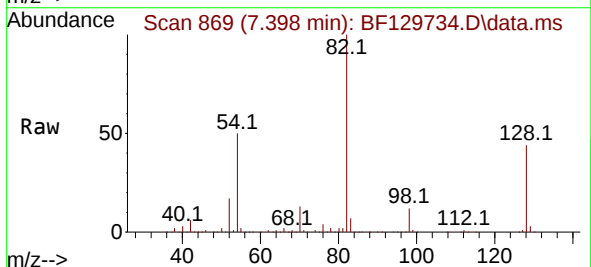
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	7.5	11.3
68	5.2	4.7	7.1

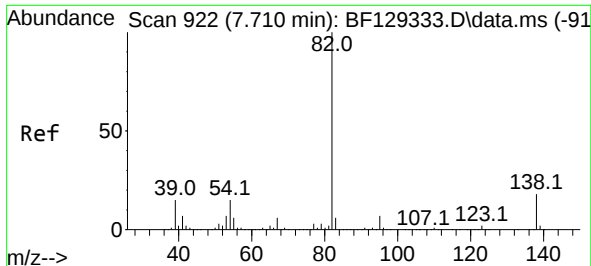


#23
Nitrobenzene-d5
Concen: 66.709 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion: 82 Resp: 546736

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	50.3	46.9	70.3

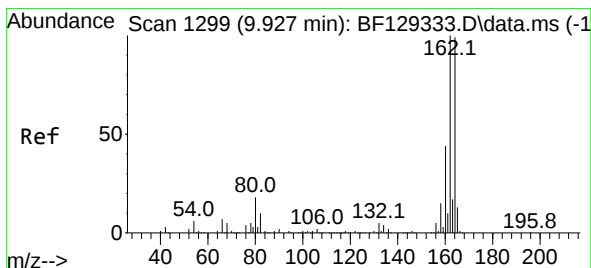
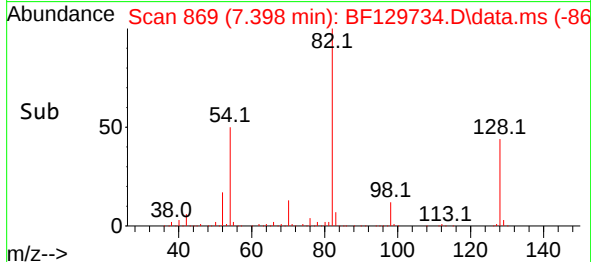
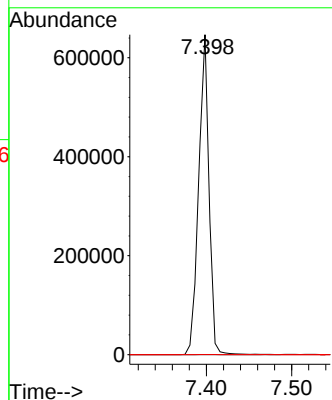
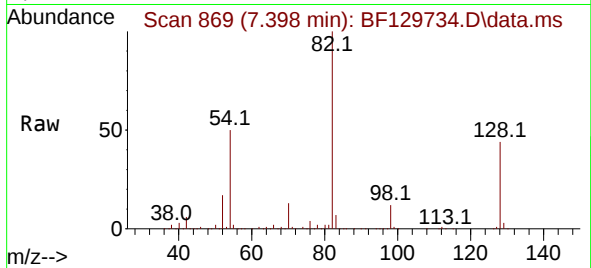




#25
Isophorone
Concen: 37.215 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

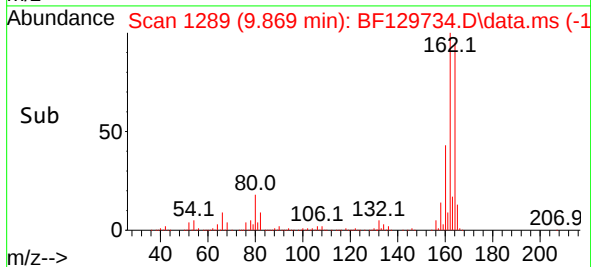
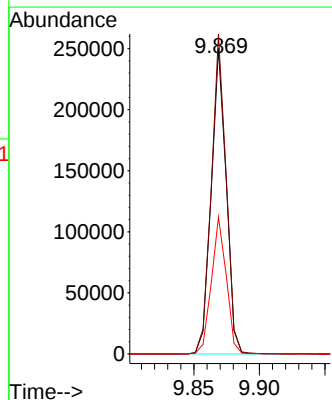
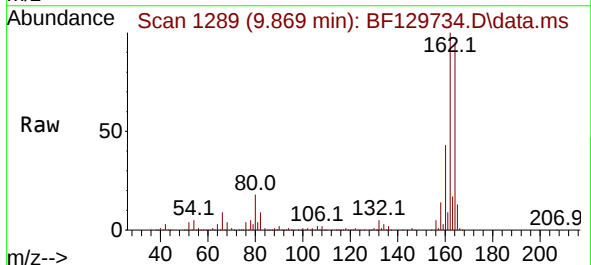
Instrument :
BNA_F
ClientSampleId :
SB06

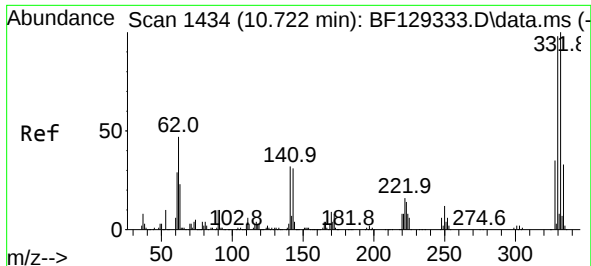
Tgt Ion: 82 Resp: 546729
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion: 164 Resp: 198209
Ion Ratio Lower Upper
164 100
162 104.7 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.383 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Instrument :

BNA_F

ClientSampleId :

SB06

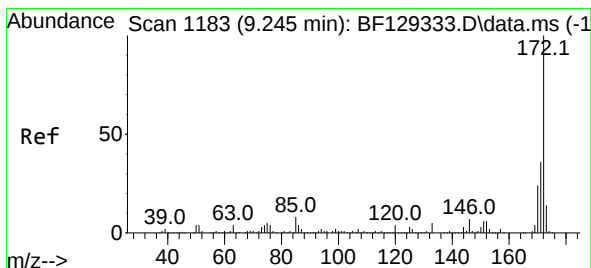
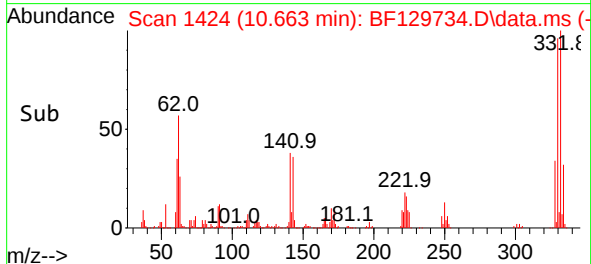
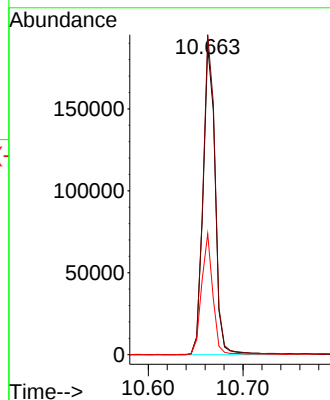
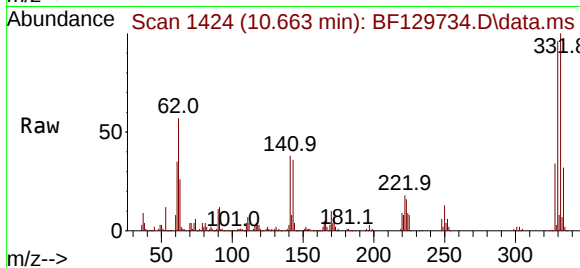
Tgt Ion:330 Resp: 166519

Ion Ratio Lower Upper

330 100

332 103.7 76.8 115.2

141 37.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.085 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

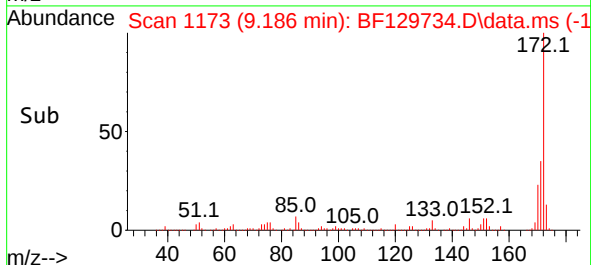
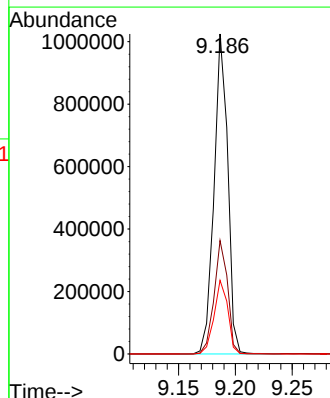
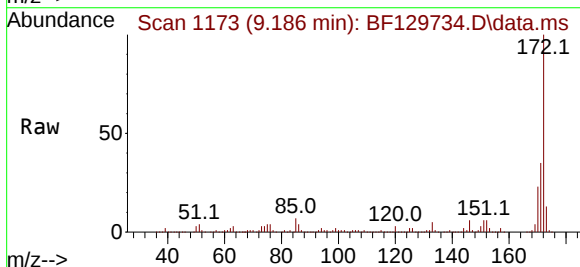
Tgt Ion:172 Resp: 859552

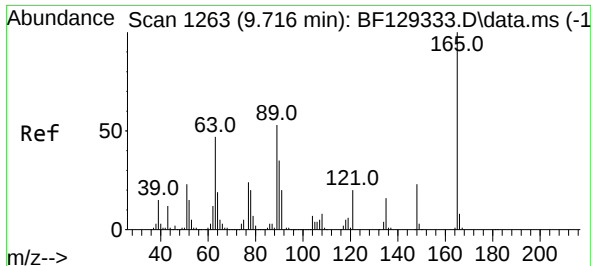
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.0 19.8 29.8

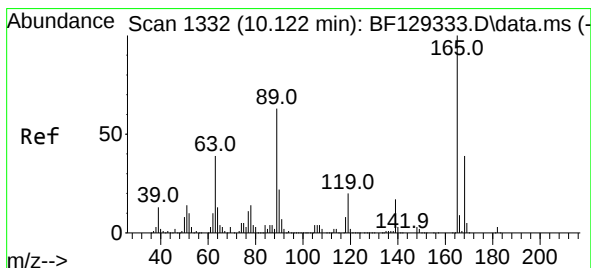
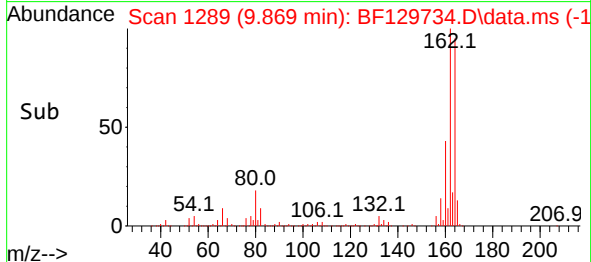
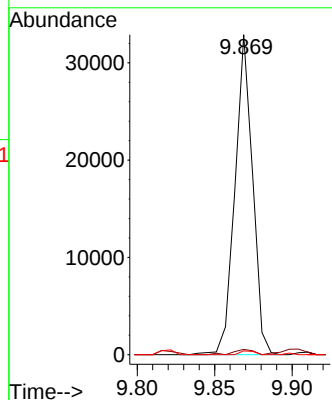
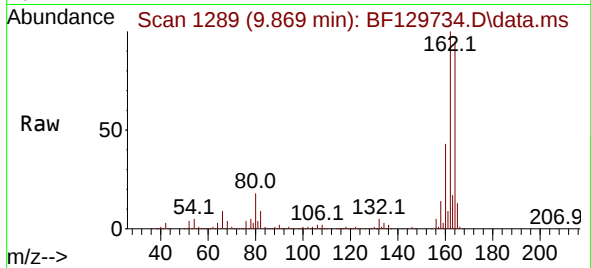




#51
2,6-Dinitrotoluene
Concen: 8.489 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

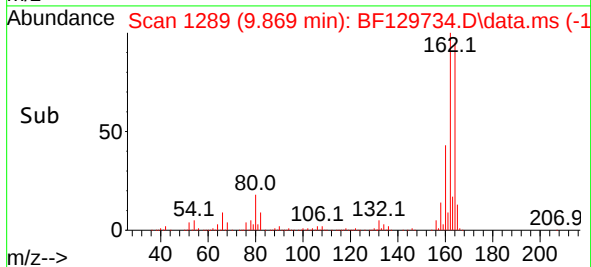
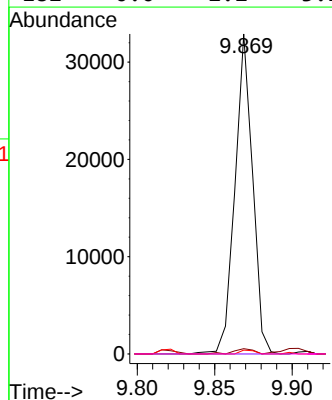
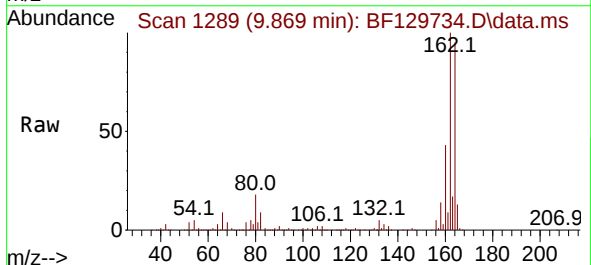
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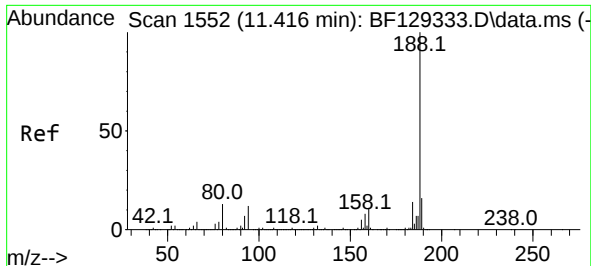
Tgt Ion:165 Resp: 25999
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.499 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.212 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion:165 Resp: 25999
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

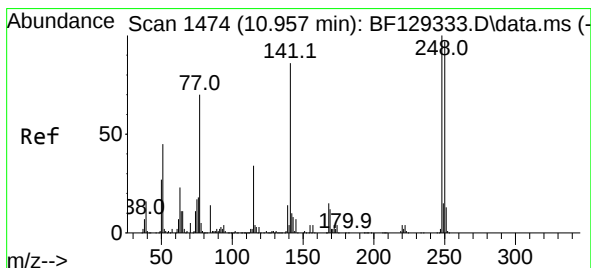
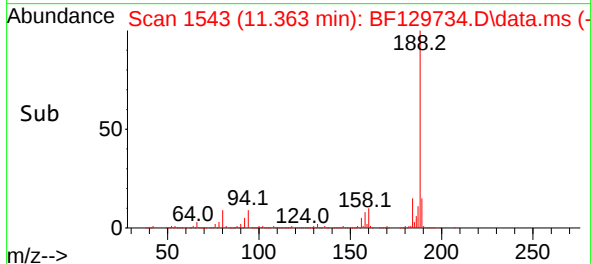
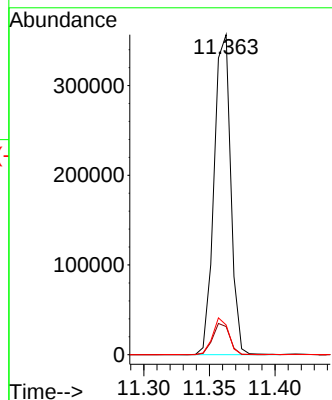
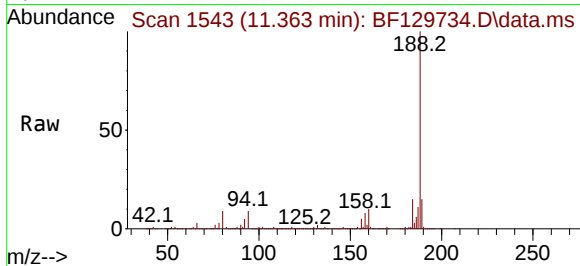




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

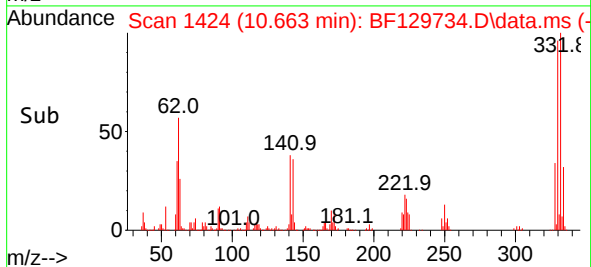
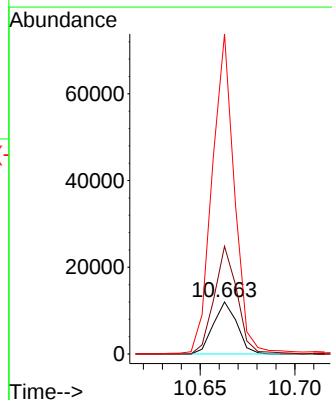
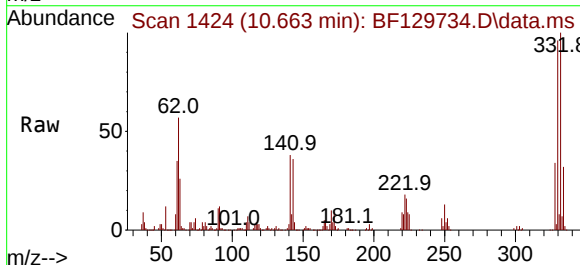
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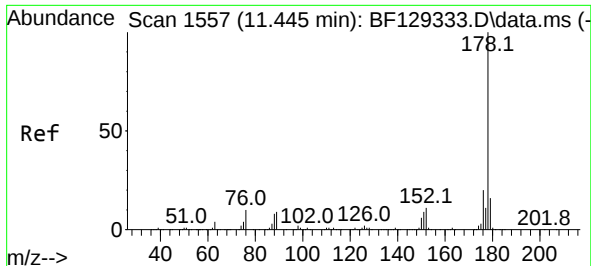
Tgt Ion:188 Resp: 315071
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.024 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion:248 Resp: 10434
Ion Ratio Lower Upper
248 100
250 206.8 80.6 120.8#
141 614.9 58.9 88.3#

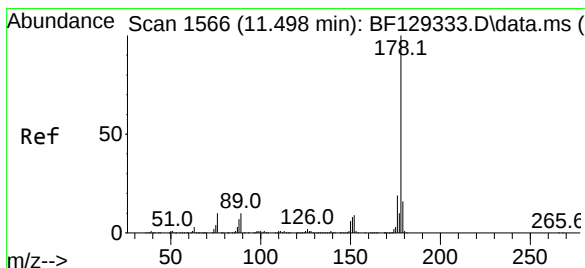
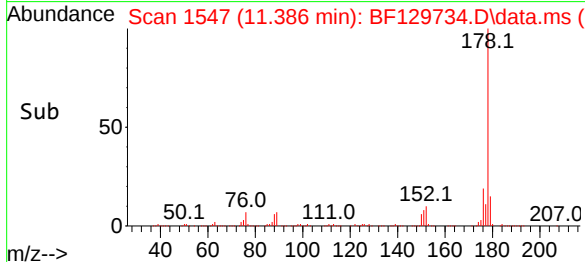
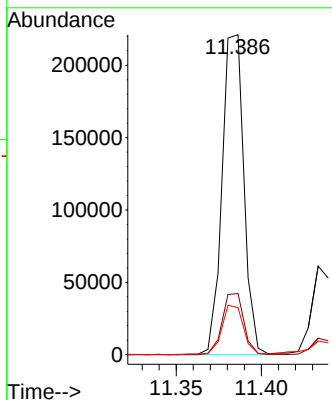
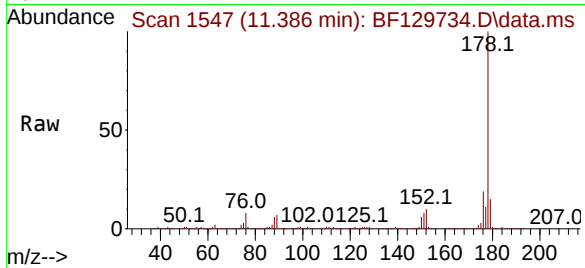




#71
Phenanthrene
Concen: 11.486 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

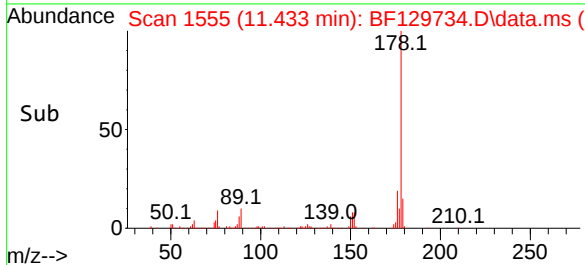
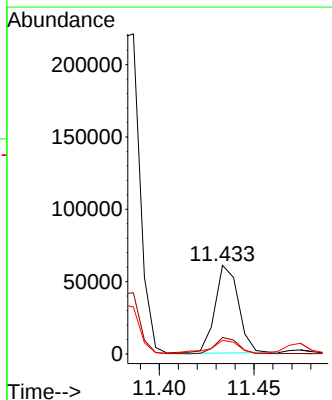
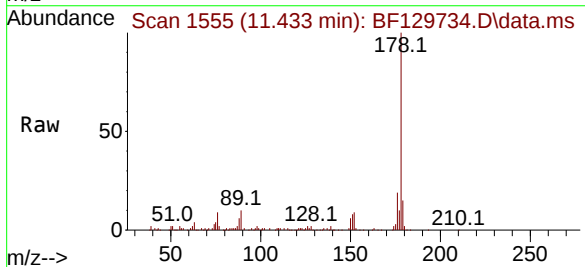
Instrument :
BNA_F
ClientSampleId :
SB06

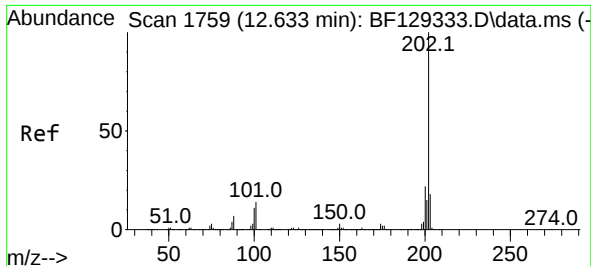
Tgt Ion:178 Resp: 197538
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 14.7 12.6 19.0



#72
Anthracene
Concen: 3.095 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion:178 Resp: 52310
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.4 12.6 19.0

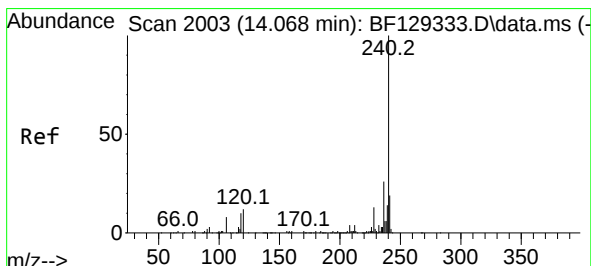
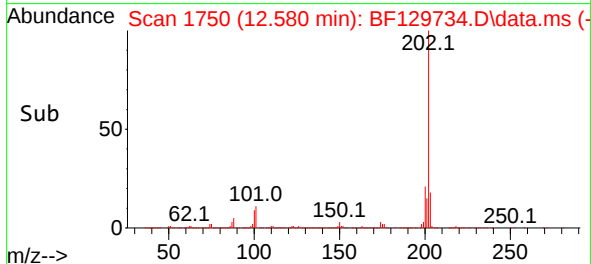
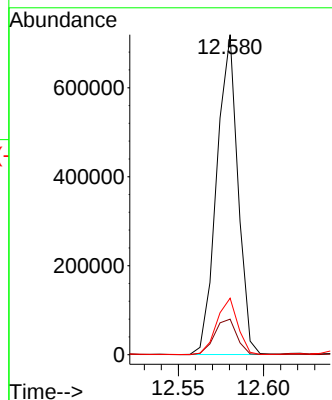
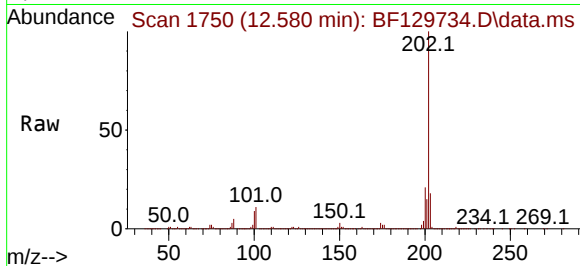




#75
Fluoranthene
Concen: 35.690 ng
RT: 12.580 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

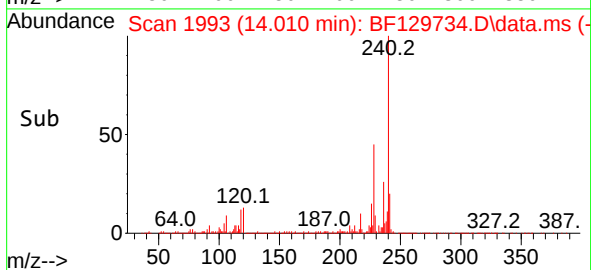
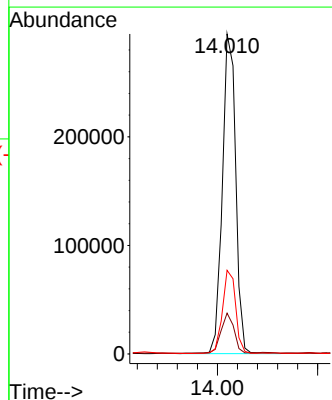
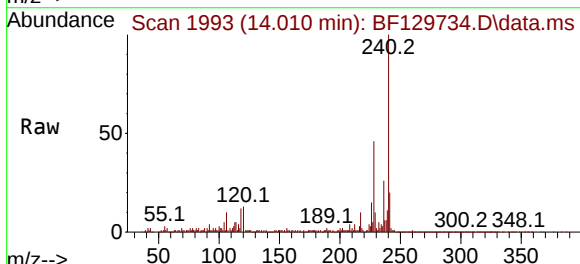
Instrument :
BNA_F
ClientSampleId :
SB06

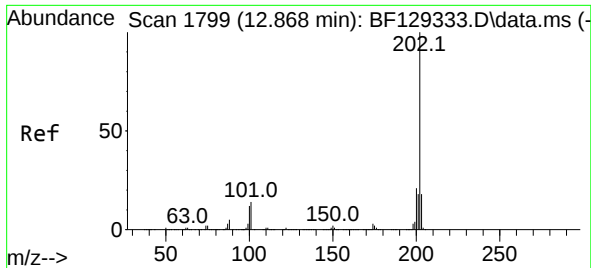
Tgt Ion:202 Resp: 621940
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion:240 Resp: 271242
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 26.2 20.8 31.2

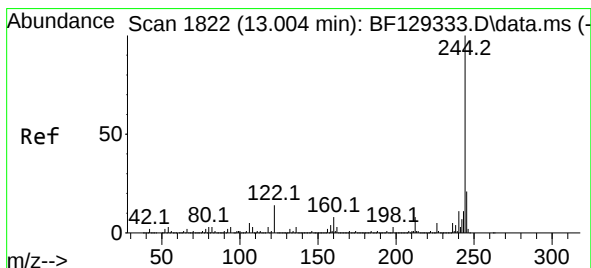
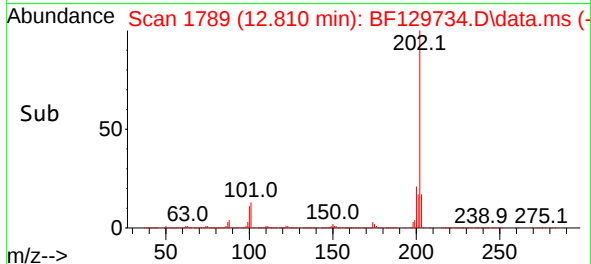
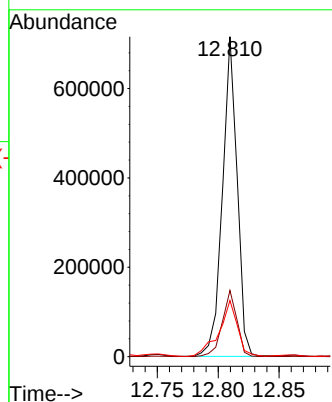
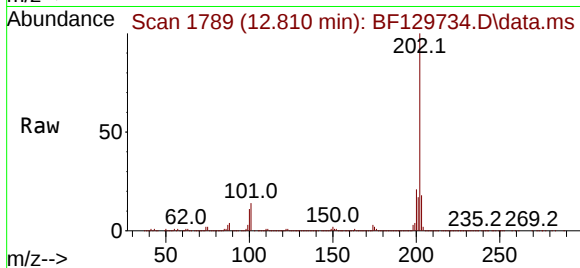




#78
Pyrene
Concen: 26.474 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

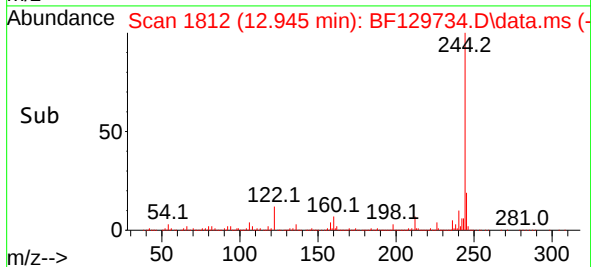
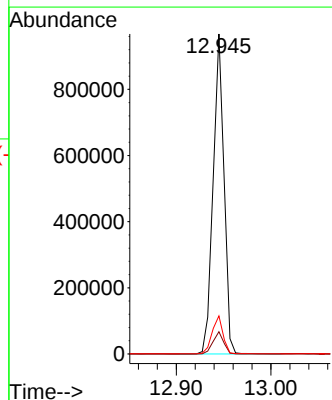
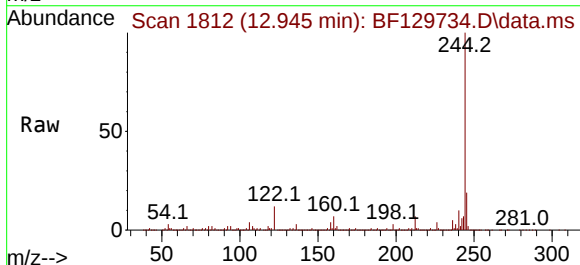
Instrument :
BNA_F
ClientSampleId :
SB06

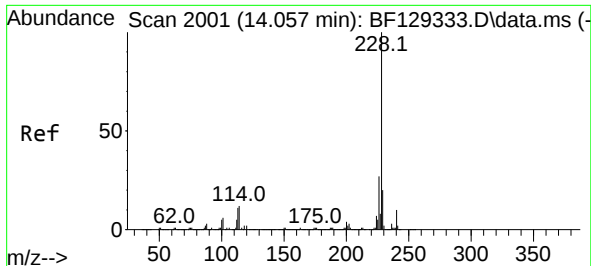
Tgt Ion:202 Resp: 600479
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.5 14.6 21.8



#79
Terphenyl-d14
Concen: 53.543 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion:244 Resp: 769818
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.9 8.8 13.2

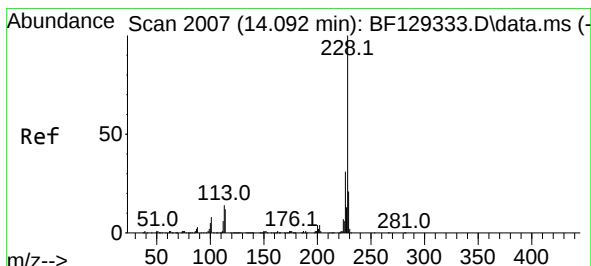
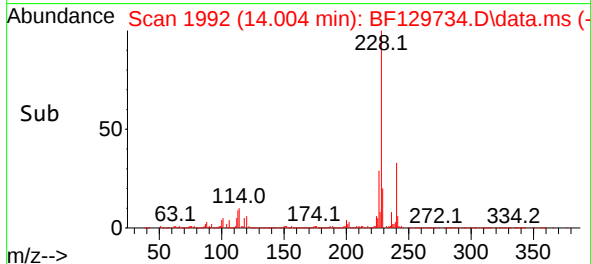
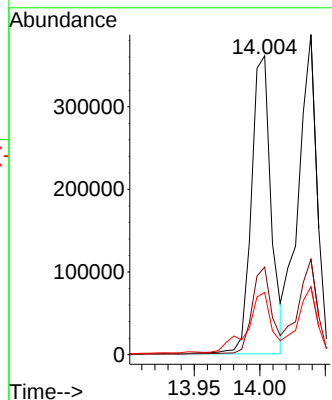
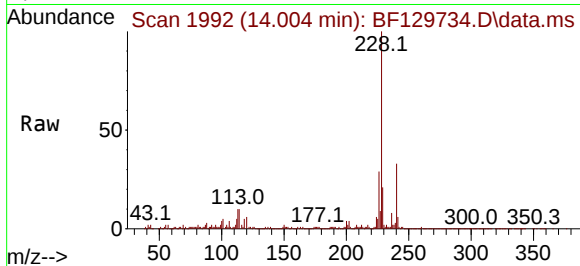




#81
Benzo(a)anthracene
Concen: 20.365 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

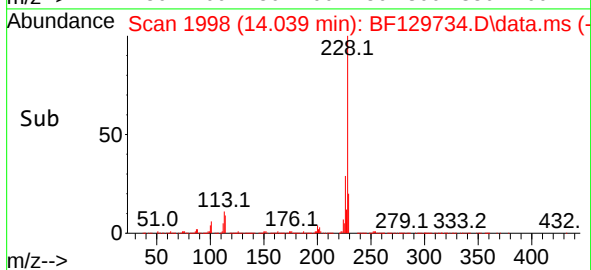
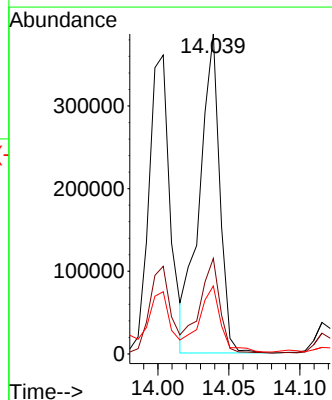
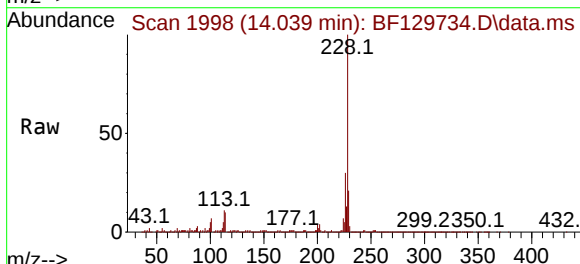
Instrument :
BNA_F
ClientSampleId :
SB06

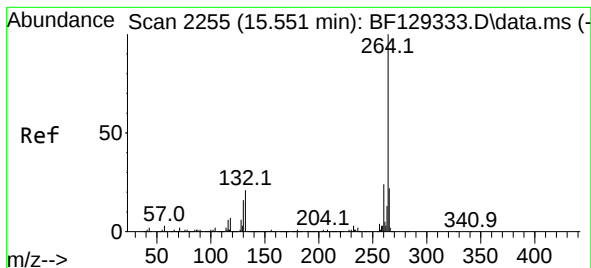
Tgt Ion:228 Resp: 377329
Ion Ratio Lower Upper
228 100
226 29.3 22.1 33.1
229 20.8 15.8 23.8



#83
Chrysene
Concen: 22.015 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Tgt Ion:228 Resp: 384430
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 21.3 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Instrument :

BNA_F

ClientSampleId :

SB06

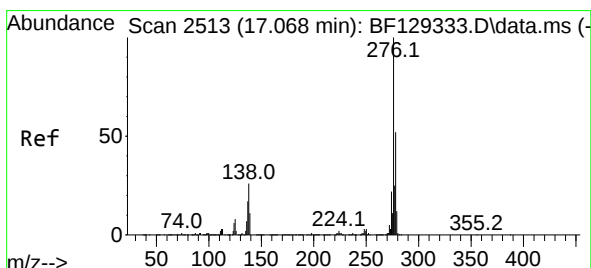
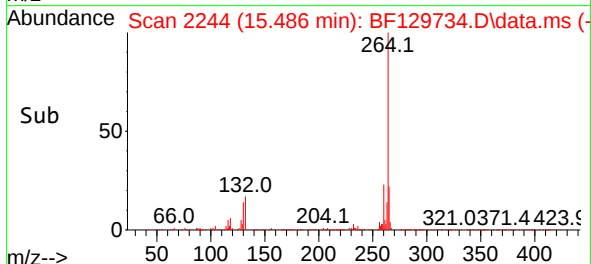
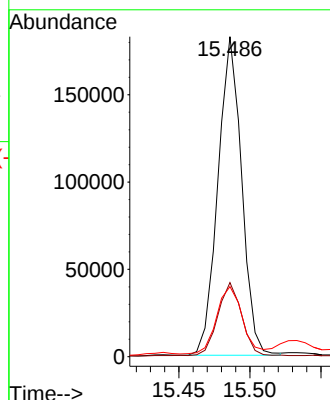
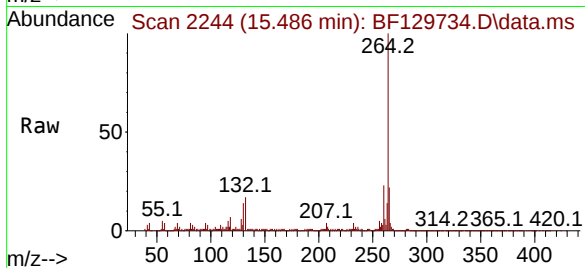
Tgt Ion:264 Resp: 211551

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.9 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 17.990 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.018 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

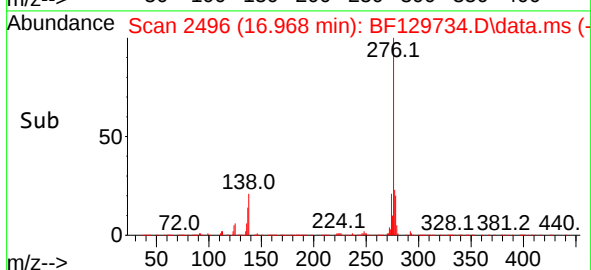
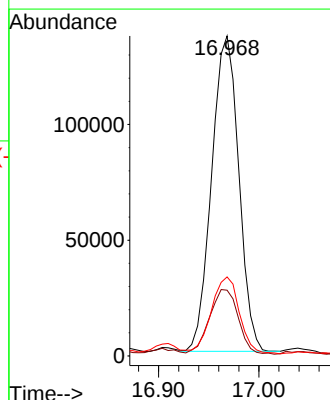
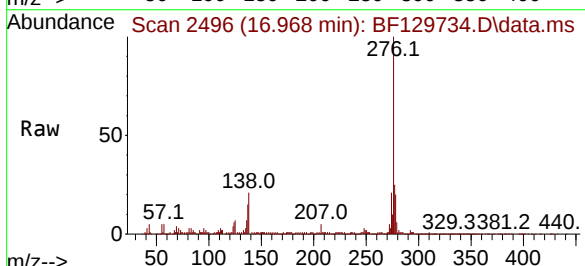
Tgt Ion:276 Resp: 256284

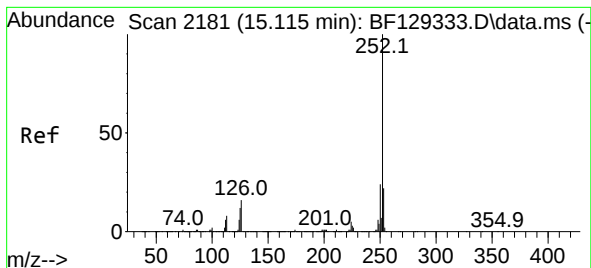
Ion Ratio Lower Upper

276 100

138 21.7 21.1 31.7

277 25.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 50.469 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Instrument :

BNA_F

ClientSampleId :

SB06

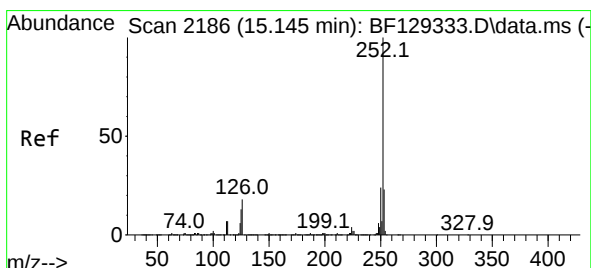
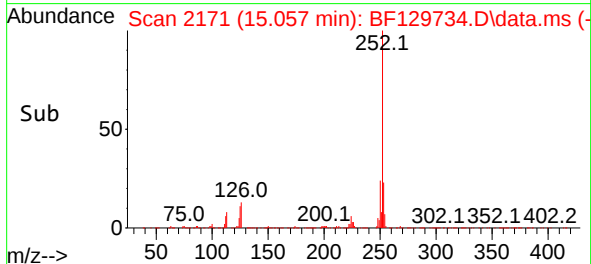
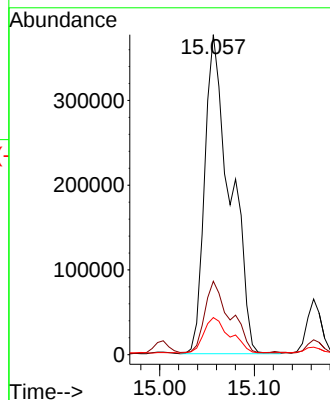
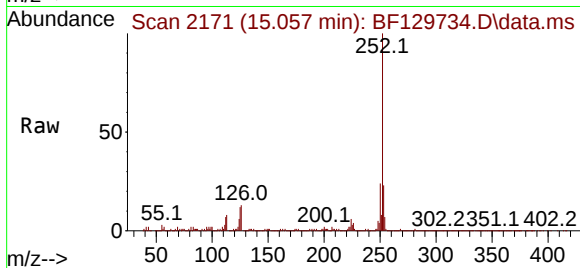
Tgt Ion:252 Resp: 708220

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 11.6 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 51.500 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.035 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

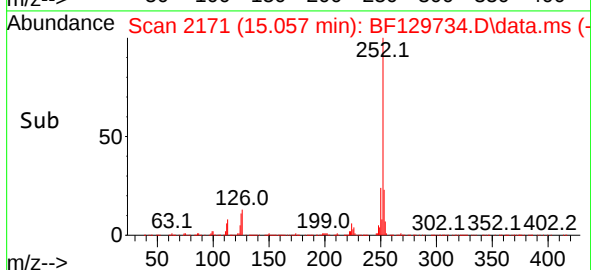
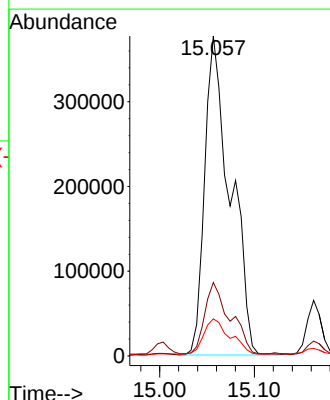
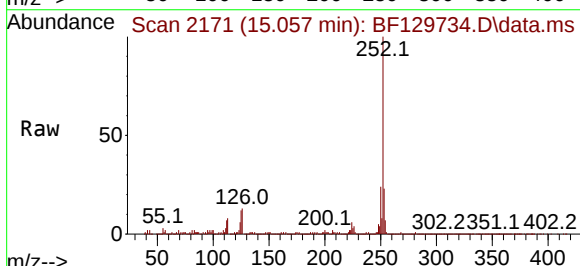
Tgt Ion:252 Resp: 708220

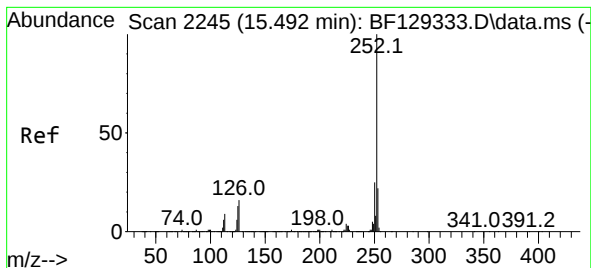
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 11.6 8.3 12.5





#90

Benzo(a)pyrene

Concen: 29.907 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

Instrument :

BNA_F

ClientSampleId :

SB06

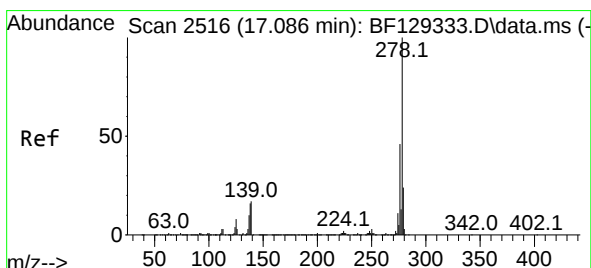
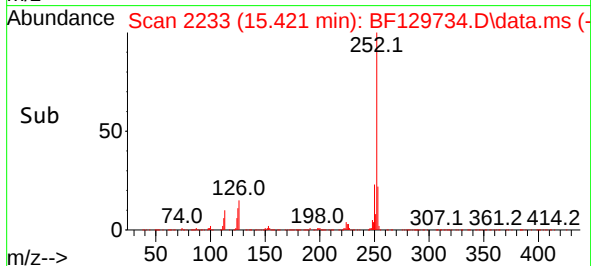
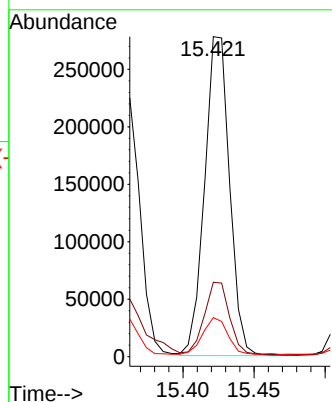
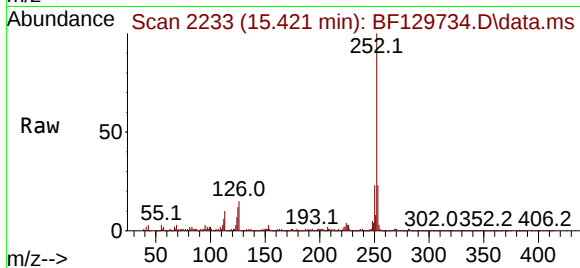
Tgt Ion:252 Resp: 340684

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 12.2 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 3.715 ng

RT: 17.145 min Scan# 2526

Delta R.T. 0.153 min

Lab File: BF129734.D

Acq: 12 Aug 2022 01:28

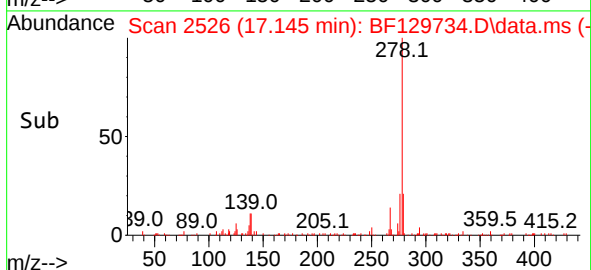
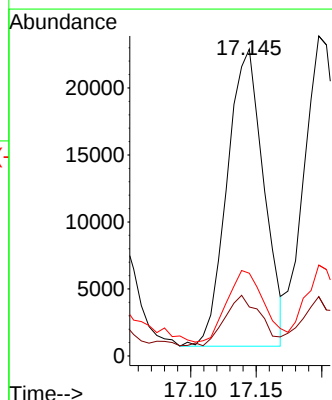
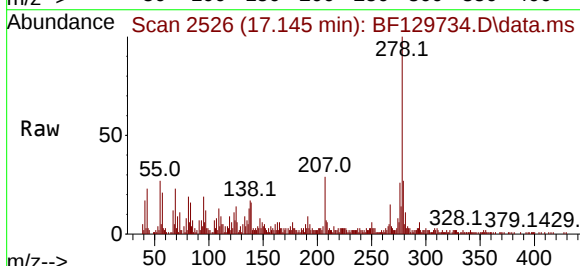
Tgt Ion:278 Resp: 43080

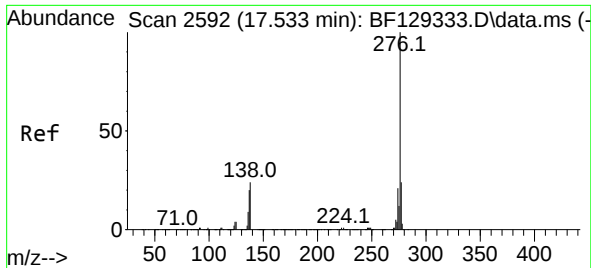
Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

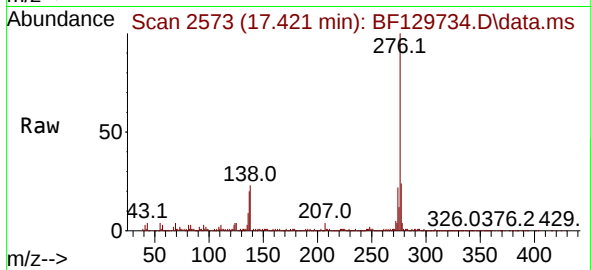
279 27.0 18.6 28.0





#92
Benzo(g,h,i)perylene
Concen: 23.344 ng
RT: 17.421 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129734.D
Acq: 12 Aug 2022 01:28

Instrument :
BNA_F
ClientSampleId :
SB06



Tgt Ion:276 Resp: 276589
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 22.8 18.0 27.0

