

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129632.D
 Acq On : 08 Aug 2022 14:48
 Operator : CG\JU
 Sample : N4091-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-164718

Quant Time: Aug 08 15:43:05 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

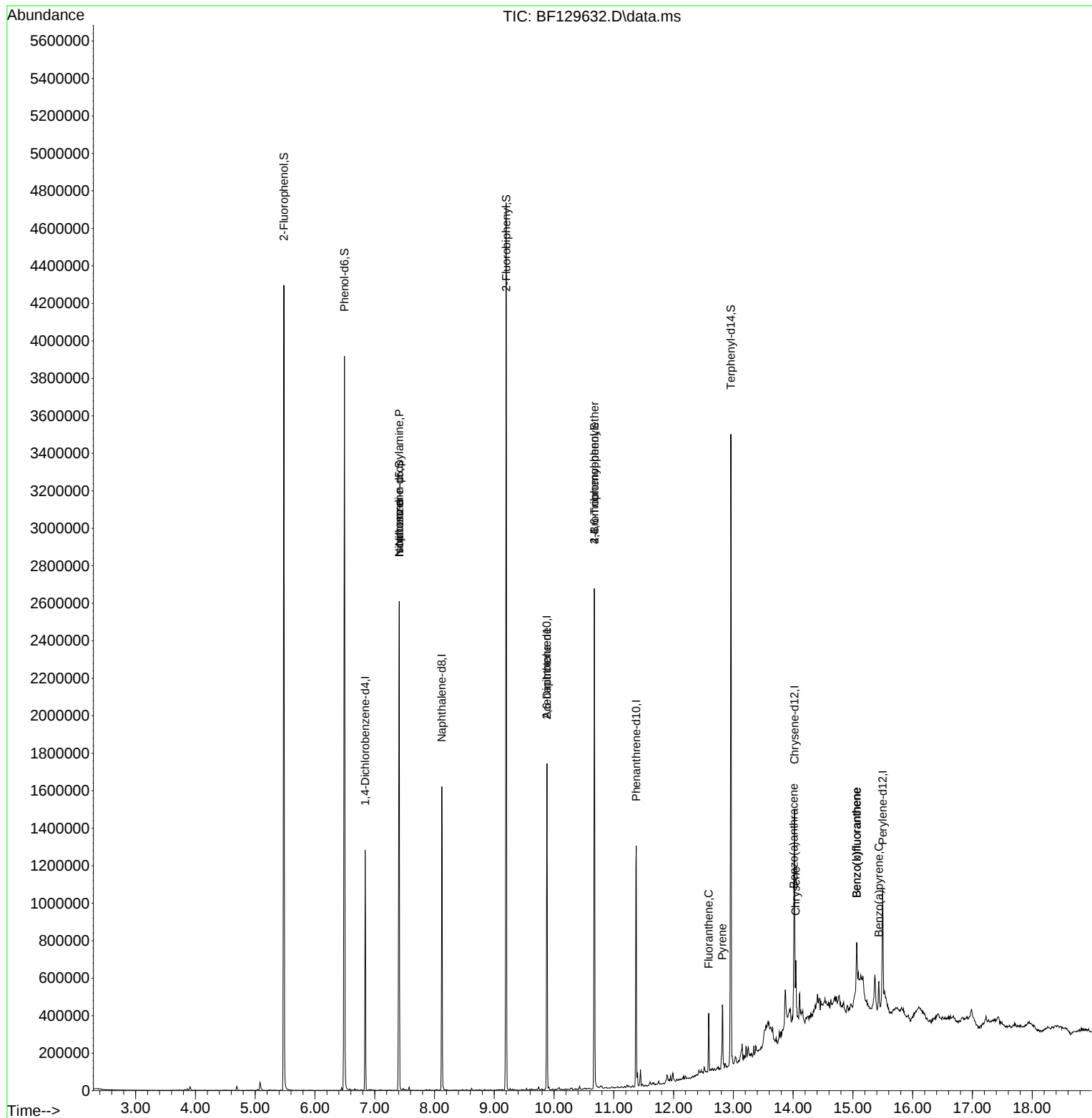
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	174177	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	663571	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	315245	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	462490	20.000	ng	0.00
76) Chrysene-d12	14.021	240	346121	20.000	ng	0.00
86) Perylene-d12	15.498	264	266178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1091655	102.098	ng	0.00
7) Phenol-d6	6.493	99	1369943	101.934	ng	-0.01
23) Nitrobenzene-d5	7.410	82	839659	69.074	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	288885	95.315	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1380246	67.731	ng	-0.01
79) Terphenyl-d14	12.957	244	1124002	61.265	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	112382	13.813	ng	# 73
25) Isophorone	7.410	82	836588	38.394	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	41295	8.478	ng	# 25
67) 4-Bromophenyl-phenylether	10.675	248	18315	3.616	ng	# 1
75) Fluoranthene	12.586	202	110490	4.319	ng	99
78) Pyrene	12.816	202	144993	5.010	ng	98
81) Benzo(a)anthracene	14.010	228	89212	3.773	ng	97
83) Chrysene	14.045	228	120490	5.407	ng	98
88) Benzo(b)fluoranthene	15.063	252	178906	10.133	ng	# 95
89) Benzo(k)fluoranthene	15.063	252	178906	10.340	ng	# 95
90) Benzo(a)pyrene	15.433	252	68611	4.787	ng	# 92

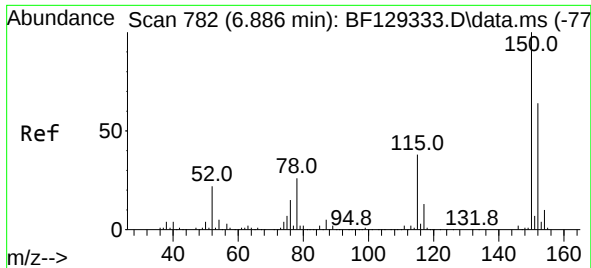
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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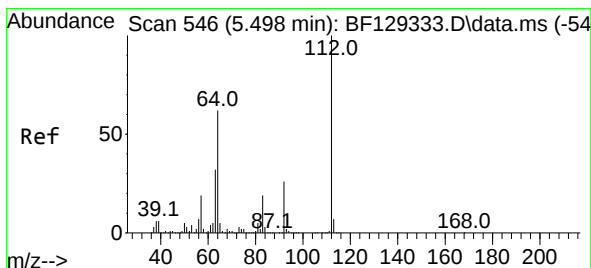
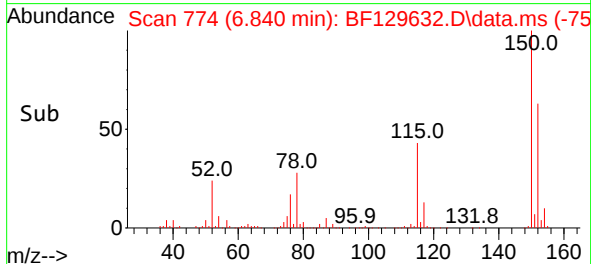
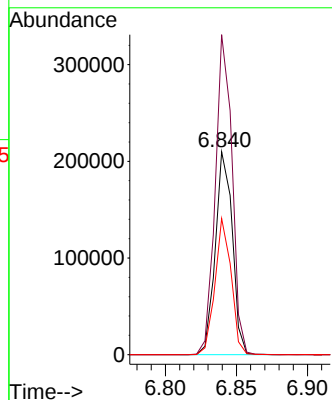
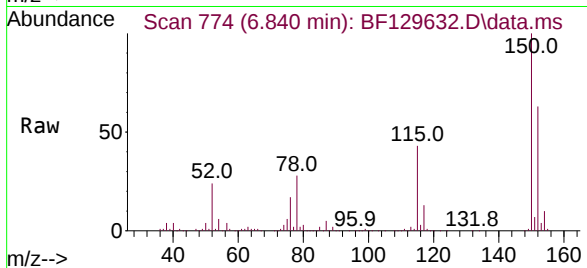




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

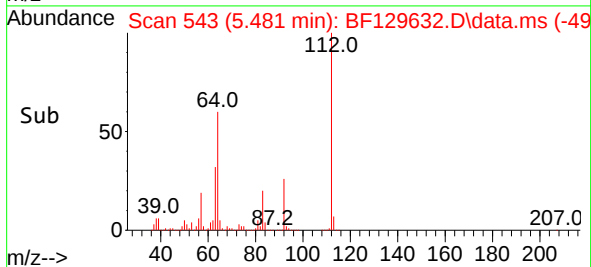
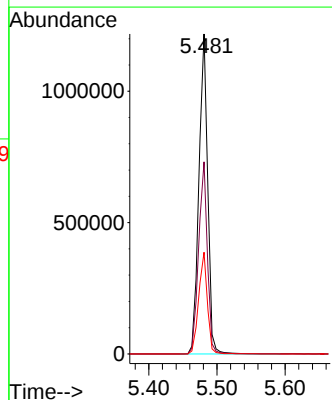
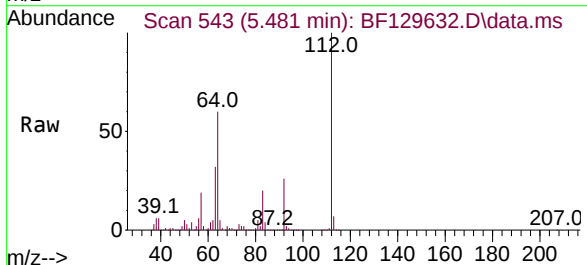
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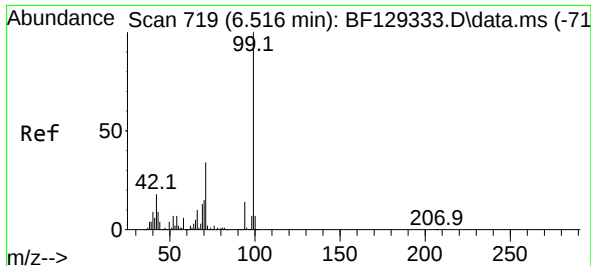
Tgt Ion:152 Resp: 174177
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 67.1 49.9 74.9



#5
2-Fluorophenol
Concen: 102.098 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion:112 Resp: 1091655
Ion Ratio Lower Upper
112 100
64 60.1 53.3 79.9
63 31.8 28.0 42.0

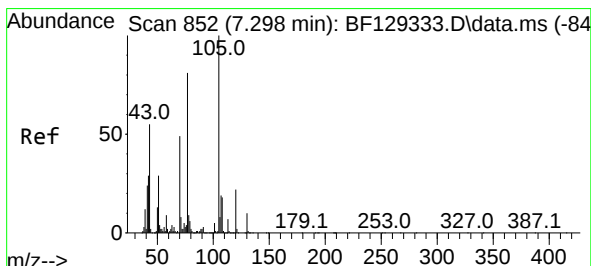
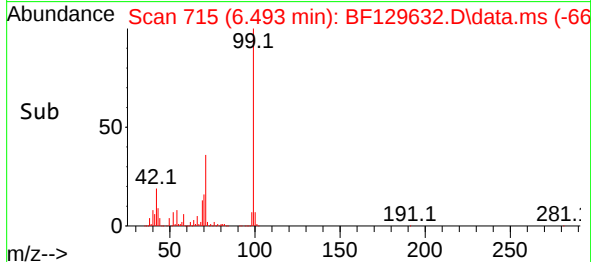
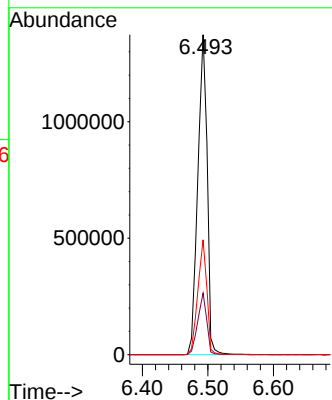
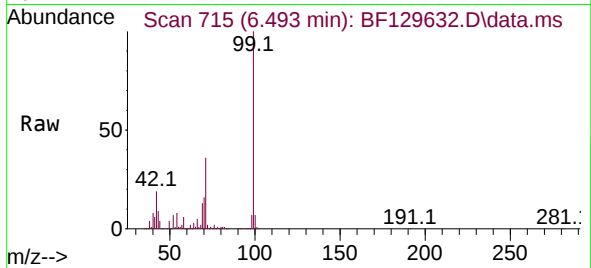




#7
Phenol-d6
Concen: 101.934 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

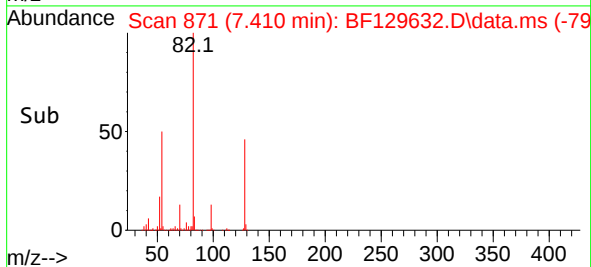
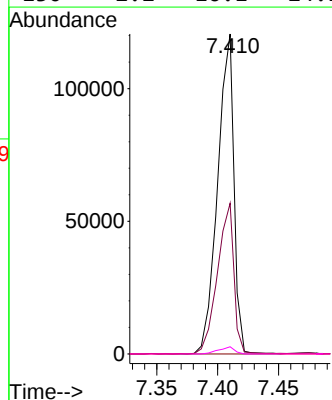
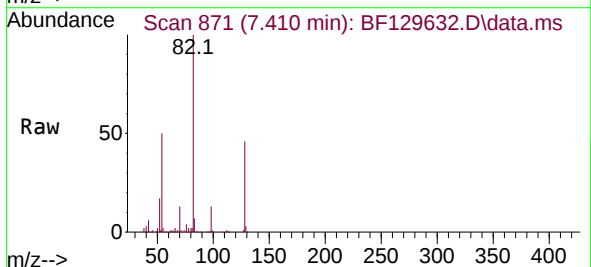
Instrument :
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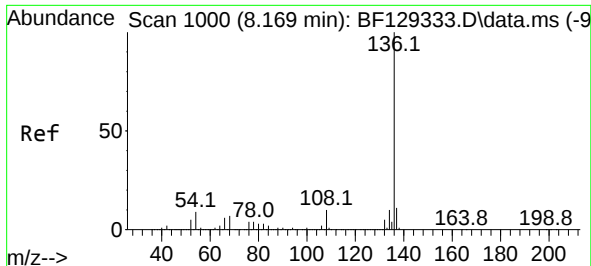
Tgt Ion: 99 Resp: 1369943
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.813 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion: 70 Resp: 112382
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

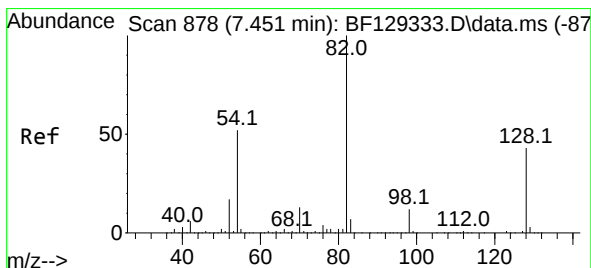
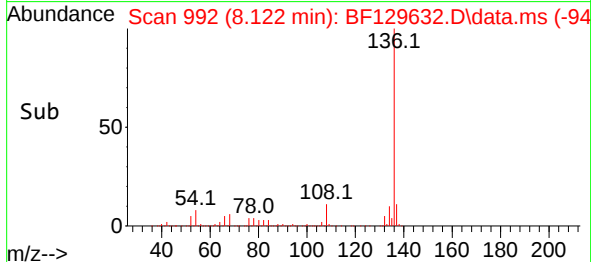
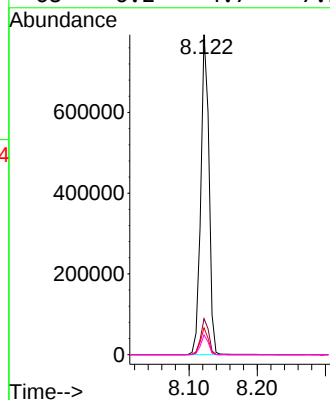
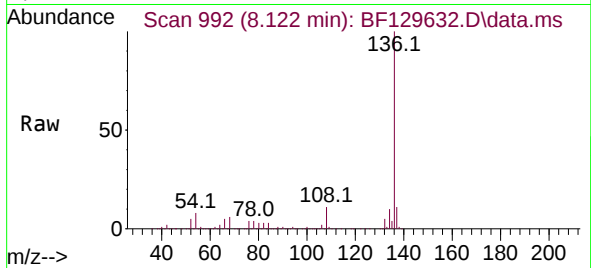




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

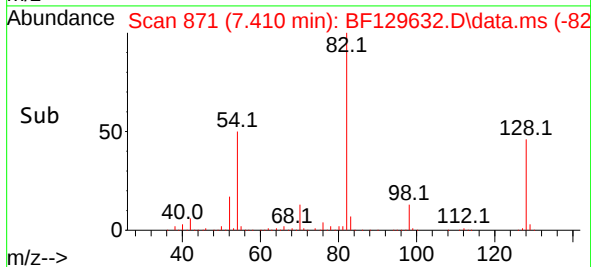
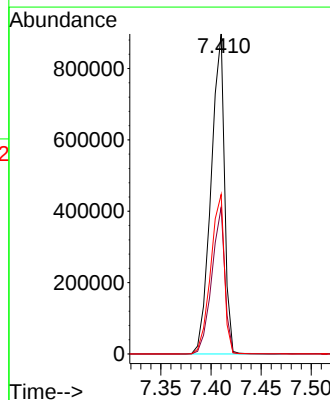
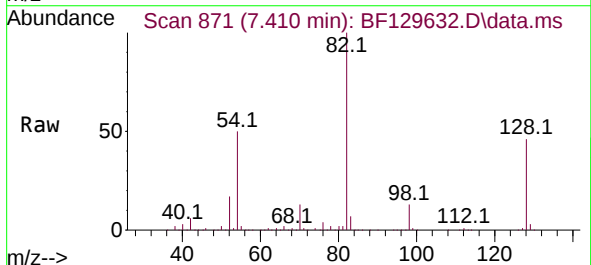
Instrument :
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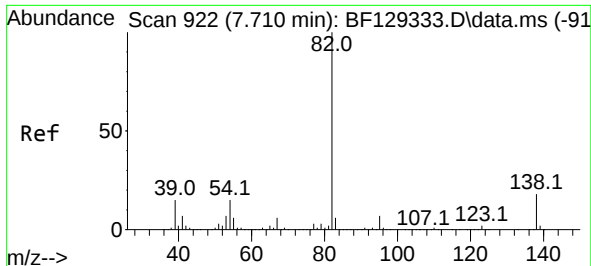
Tgt Ion:136 Resp: 663571
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 69.074 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion: 82 Resp: 839659
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.9 46.9 70.3

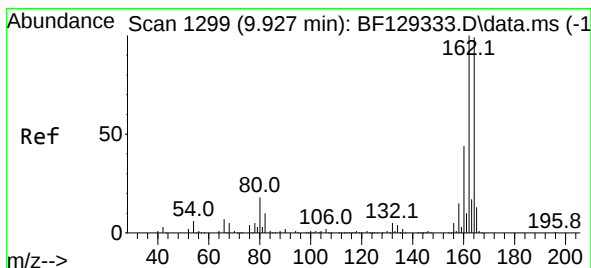
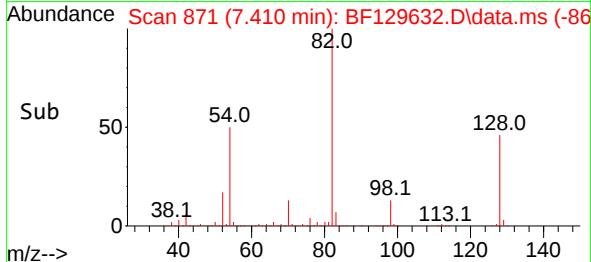
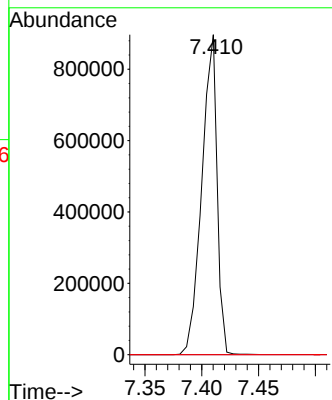
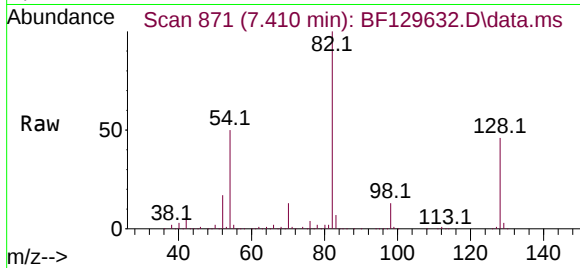




#25
Isophorone
Concen: 38.394 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

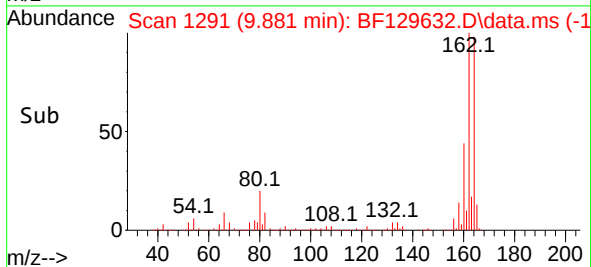
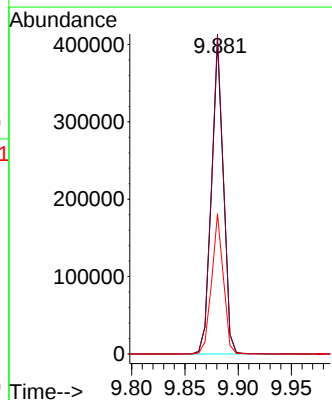
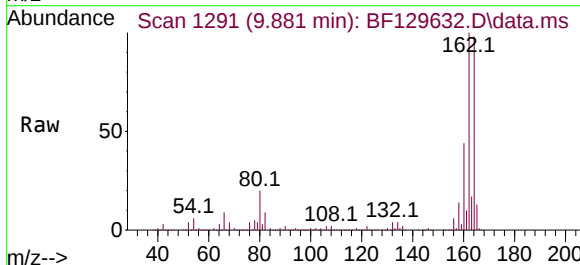
Instrument :
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ClientSampleId :
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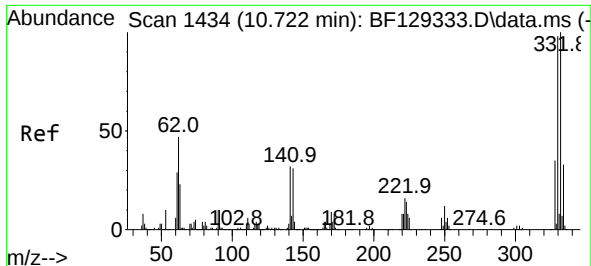
Tgt Ion: 82 Resp: 836588
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion:164 Resp: 315245
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.315 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PSC-164718

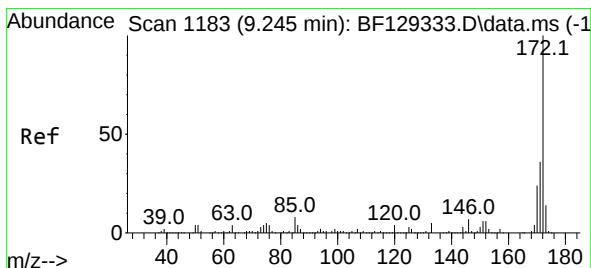
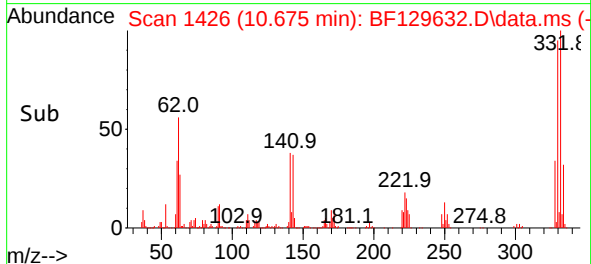
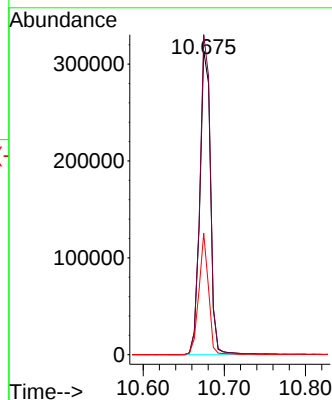
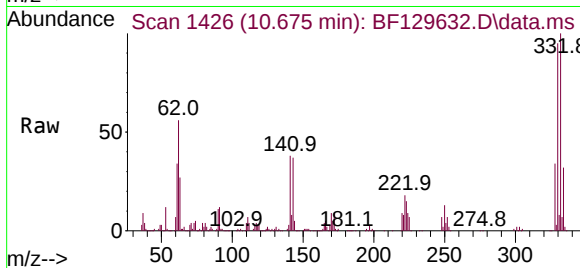
Tgt Ion:330 Resp: 288885

Ion Ratio Lower Upper

330 100

332 103.9 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.731 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

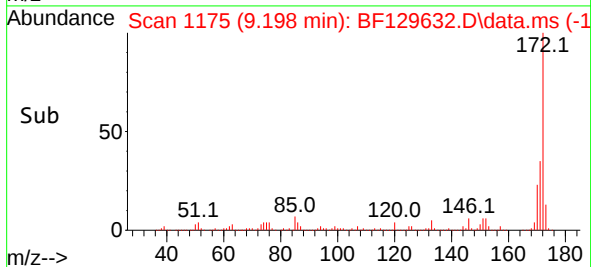
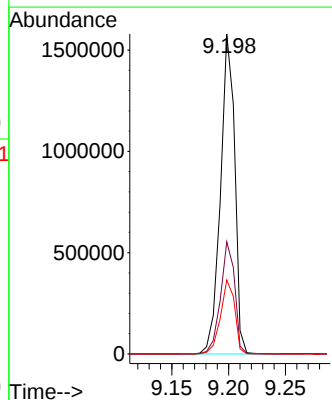
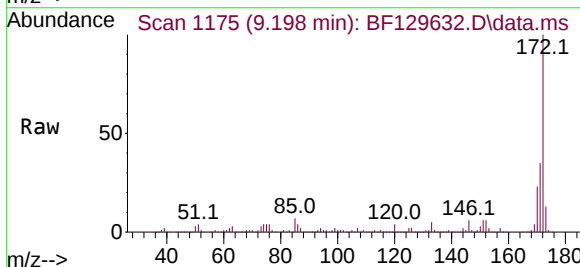
Tgt Ion:172 Resp: 1380246

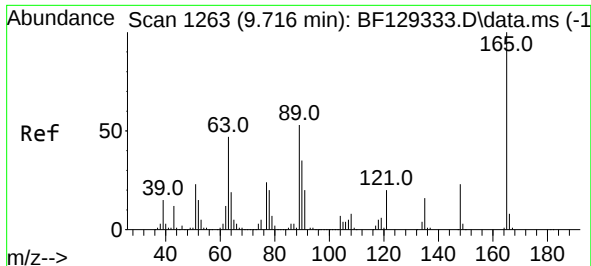
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.1 19.8 29.8

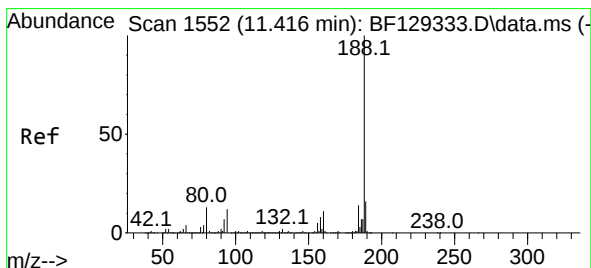
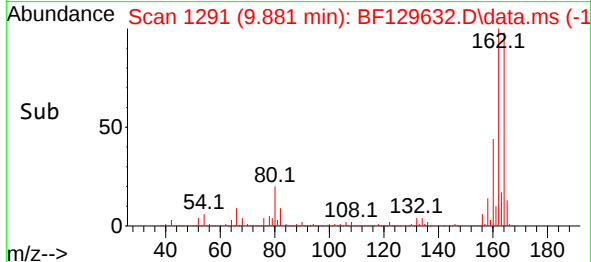
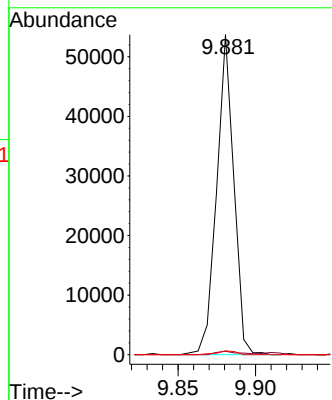
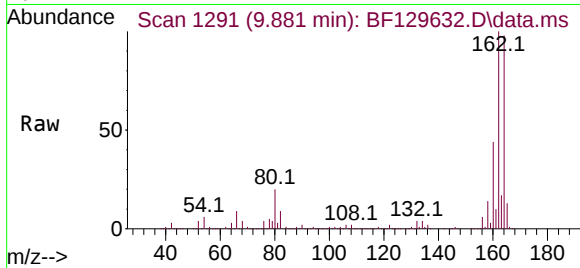




#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

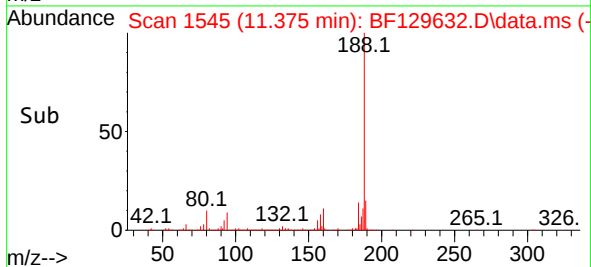
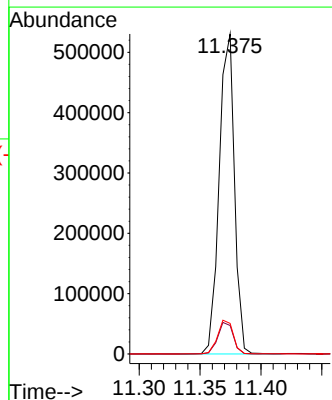
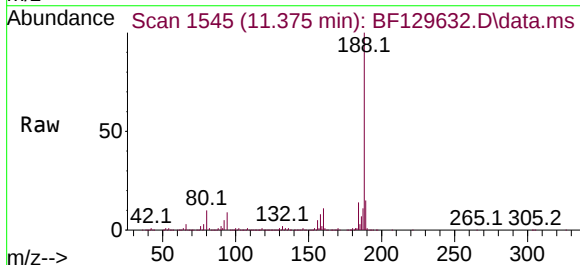
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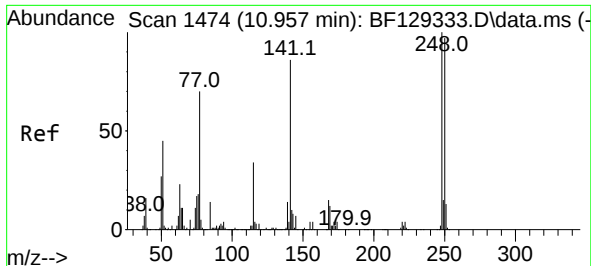
Tgt Ion:165 Resp: 41295
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.2 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion:188 Resp: 462490
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.5 7.6 11.4

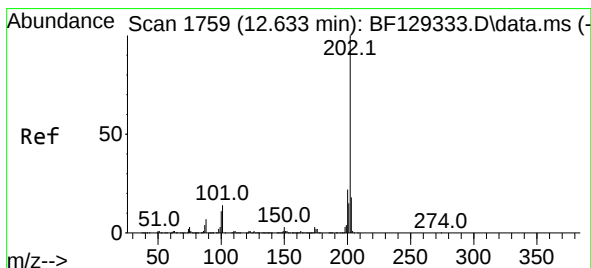
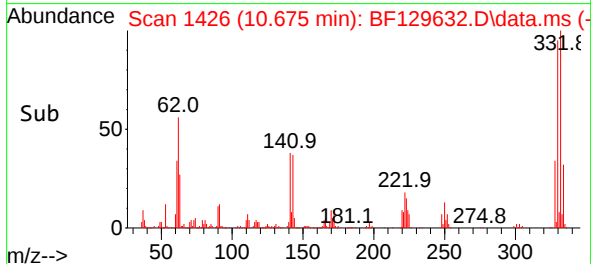
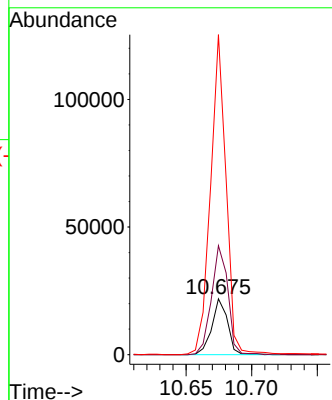
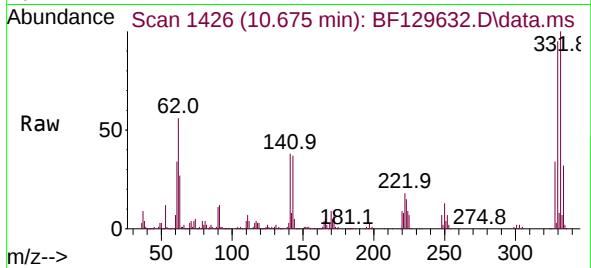




#67
4-Bromophenyl-phenylether
Concen: 3.616 ng
RT: 10.675 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

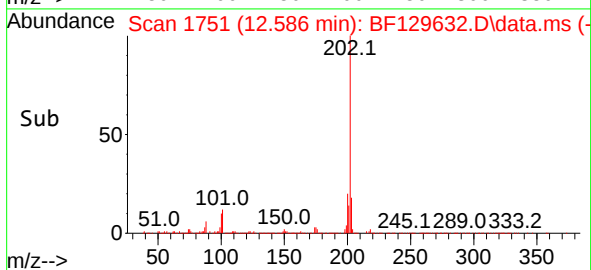
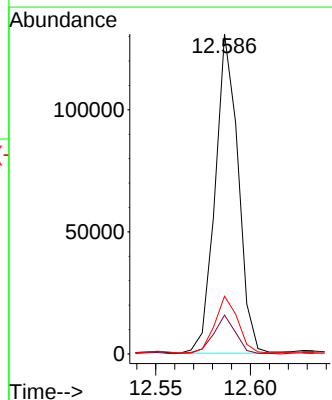
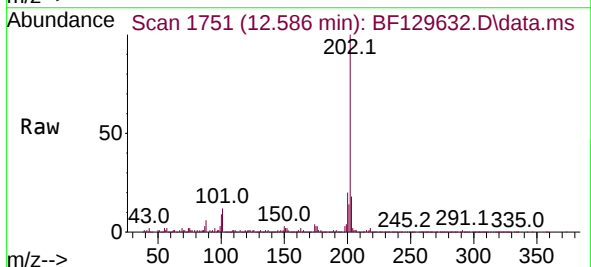
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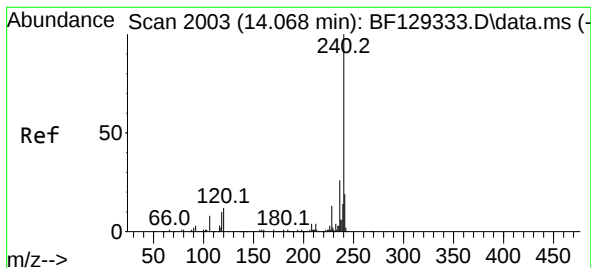
Tgt Ion:248 Resp: 18315
Ion Ratio Lower Upper
248 100
250 195.5 80.6 120.8#
141 573.7 58.9 88.3#



#75
Fluoranthene
Concen: 4.319 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion:202 Resp: 110490
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 18.0 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PSC-164718

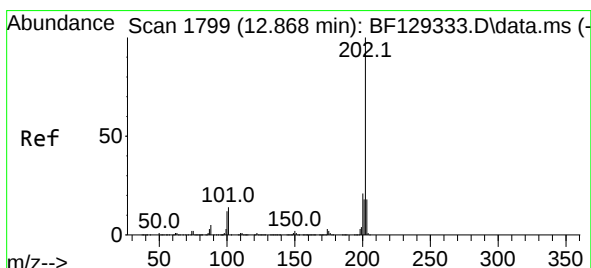
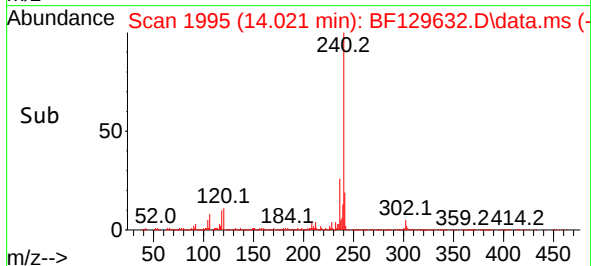
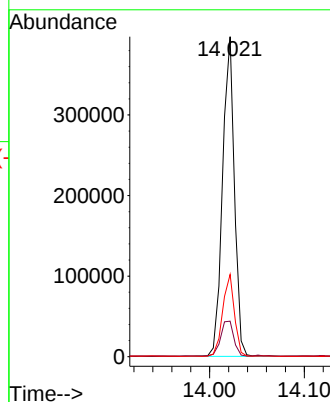
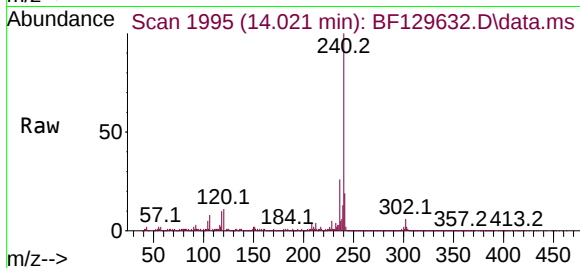
Tgt Ion:240 Resp: 346121

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.7 20.8 31.2



#78

Pyrene

Concen: 5.010 ng

RT: 12.816 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

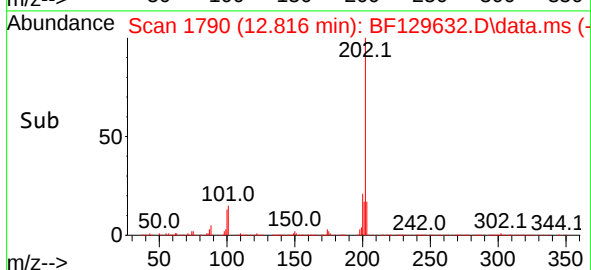
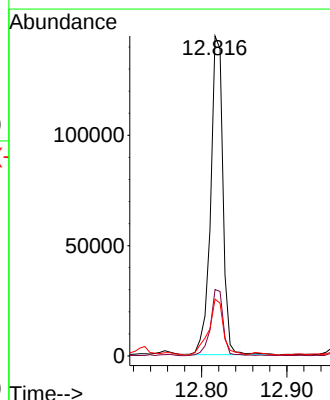
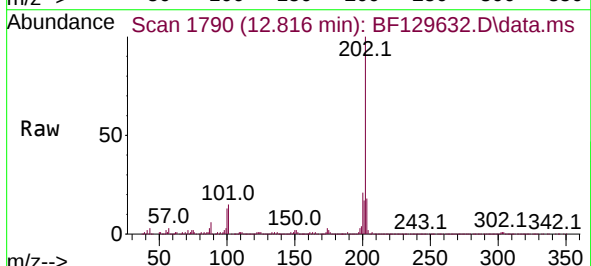
Tgt Ion:202 Resp: 144993

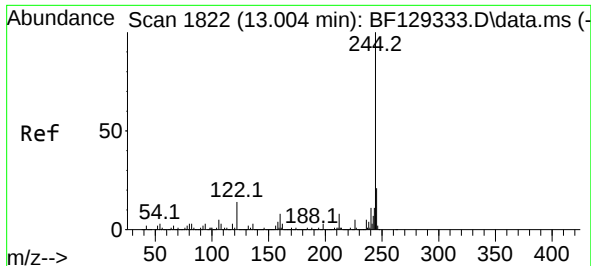
Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

203 17.8 14.6 21.8

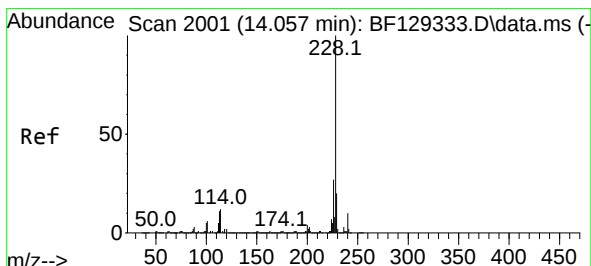
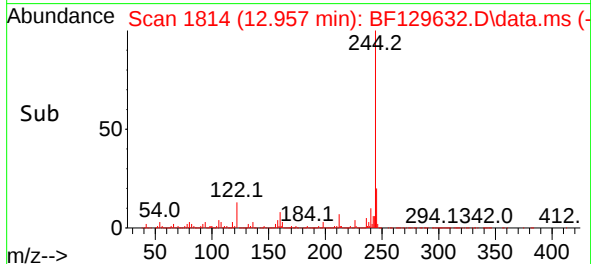
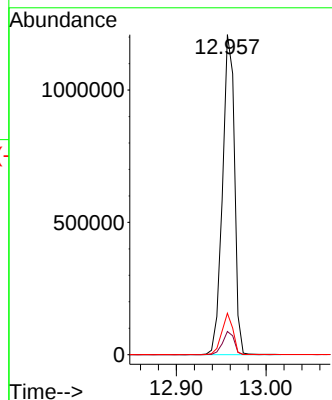
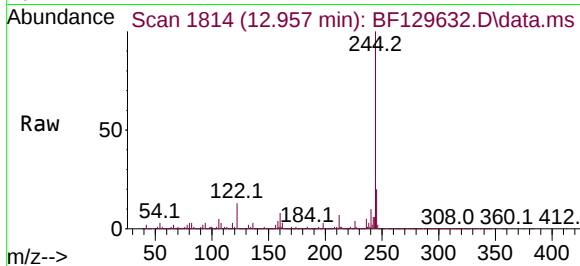




#79
 Terphenyl-d14
 Concen: 61.265 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129632.D
 Acq: 08 Aug 2022 14:48

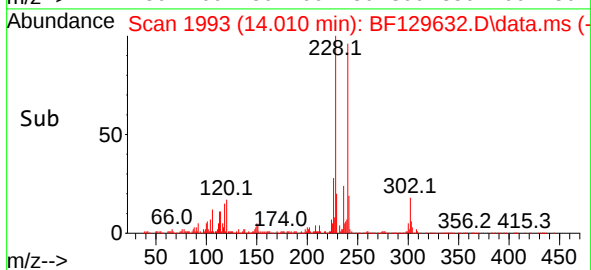
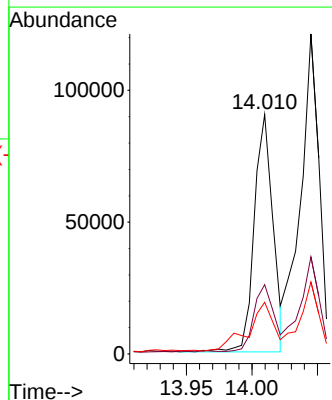
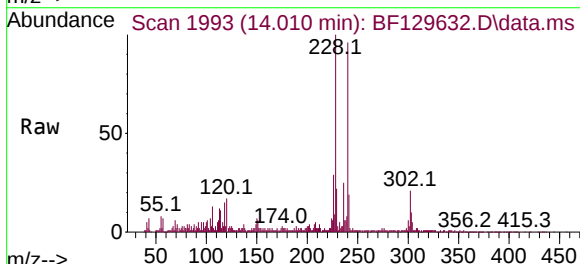
Instrument :
 BNA_F
 ClientSampleId :
 PSC-164718

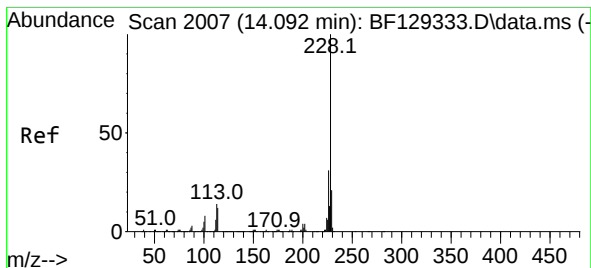
Tgt Ion:244 Resp: 1124002
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.0 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.773 ng
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF129632.D
 Acq: 08 Aug 2022 14:48

Tgt Ion:228 Resp: 89212
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.1 33.1
 229 21.6 15.8 23.8





#83

Chrysene

Concen: 5.407 ng

RT: 14.045 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PSC-164718

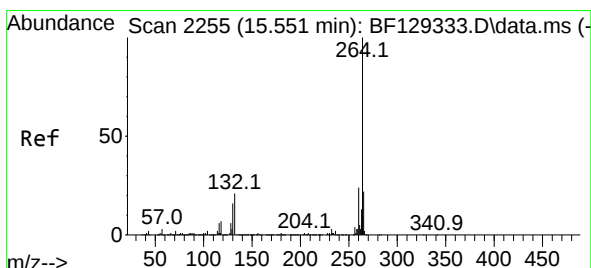
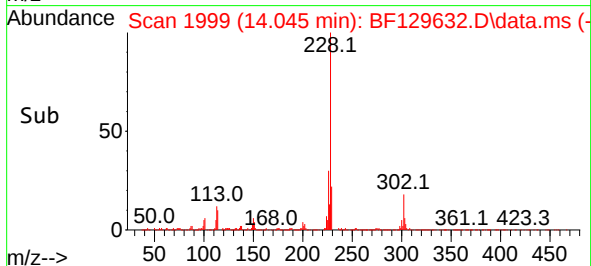
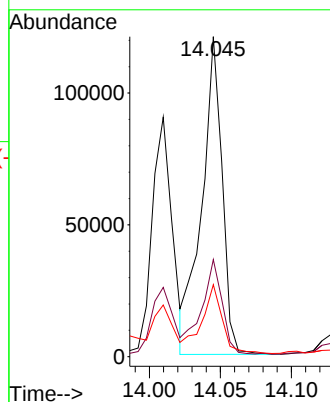
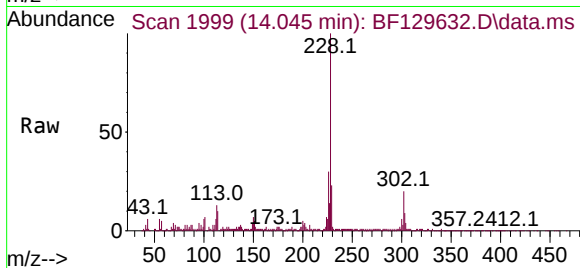
Tgt Ion:228 Resp: 120490

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 22.5 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF129632.D

Acq: 08 Aug 2022 14:48

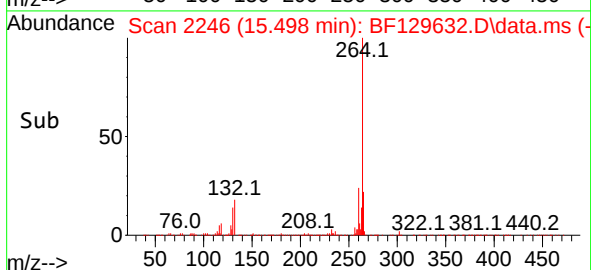
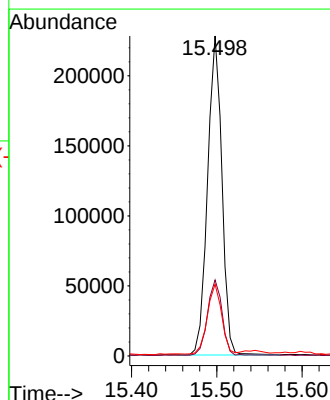
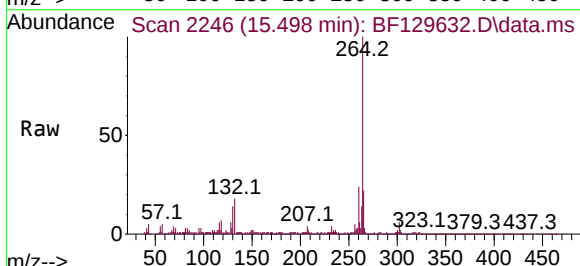
Tgt Ion:264 Resp: 266178

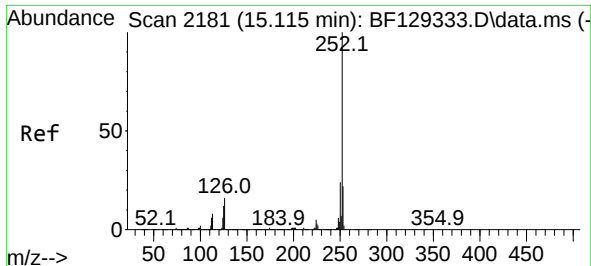
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 22.4 17.2 25.8

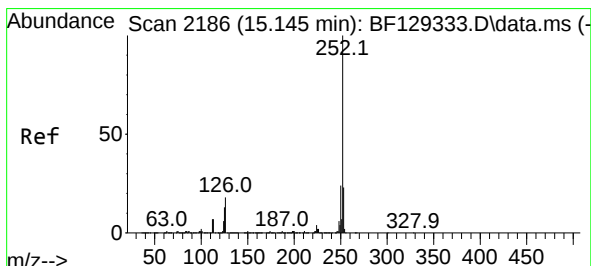
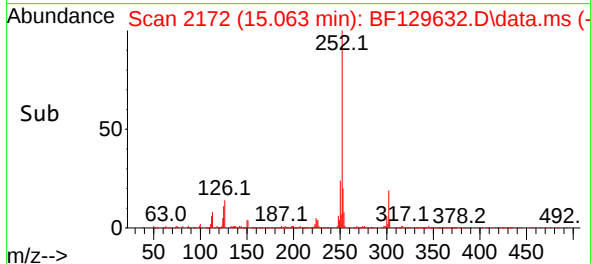
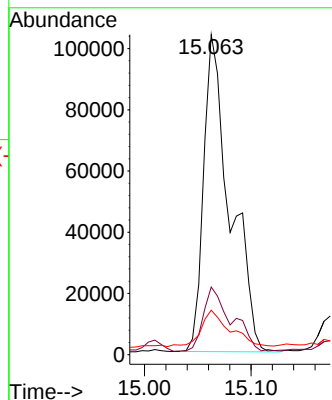
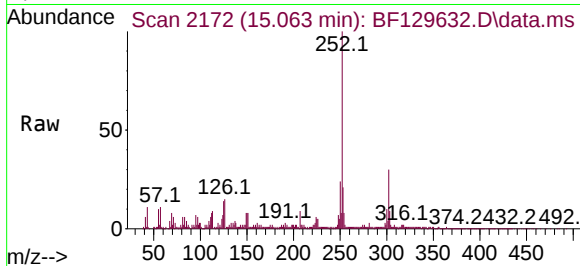




#88
Benzo(b)fluoranthene
Concen: 10.133 ng
RT: 15.063 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

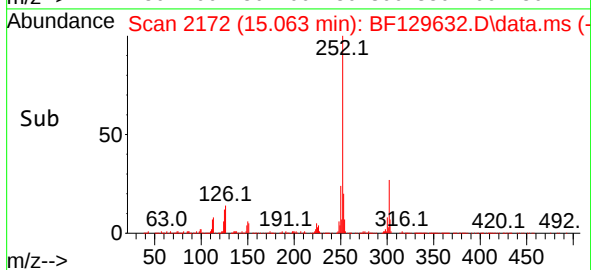
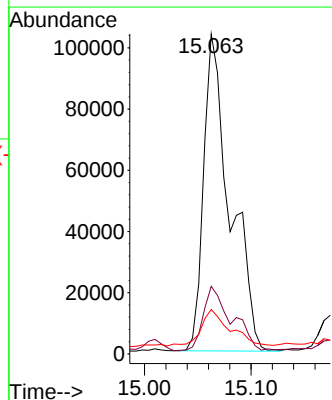
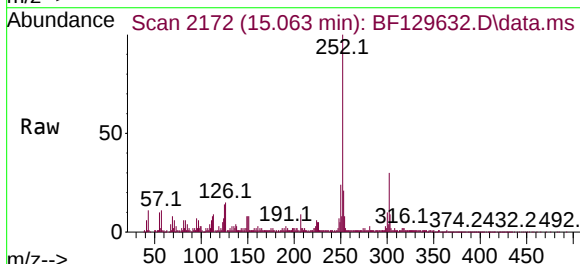
Instrument :
BNA_F
ClientSampleId :
PSC-164718

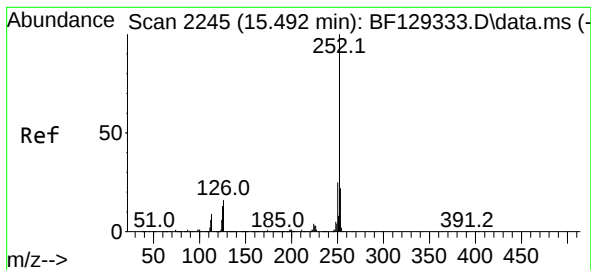
Tgt Ion:252 Resp: 178906
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 13.9 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 10.340 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.041 min
Lab File: BF129632.D
Acq: 08 Aug 2022 14:48

Tgt Ion:252 Resp: 178906
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 13.9 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 4.787 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129632.D

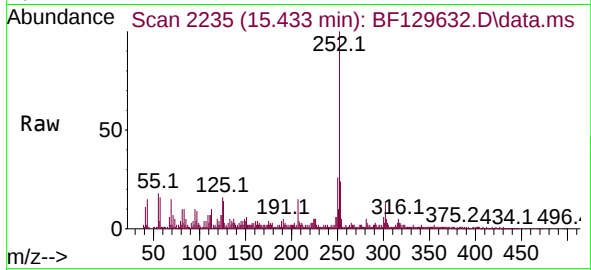
Acq: 08 Aug 2022 14:48

Instrument :

BNA_F

ClientSampleId :

PSC-164718



Tgt Ion:252 Resp: 68611

Ion Ratio Lower Upper

252 100

253 24.1 17.0 25.6

125 16.1 8.8 13.2#

