

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133871.D
 Acq On : 21 Jun 2023 15:16
 Operator : CG\JU
 Sample : 03322-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-061623

Quant Time: Jun 21 16:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

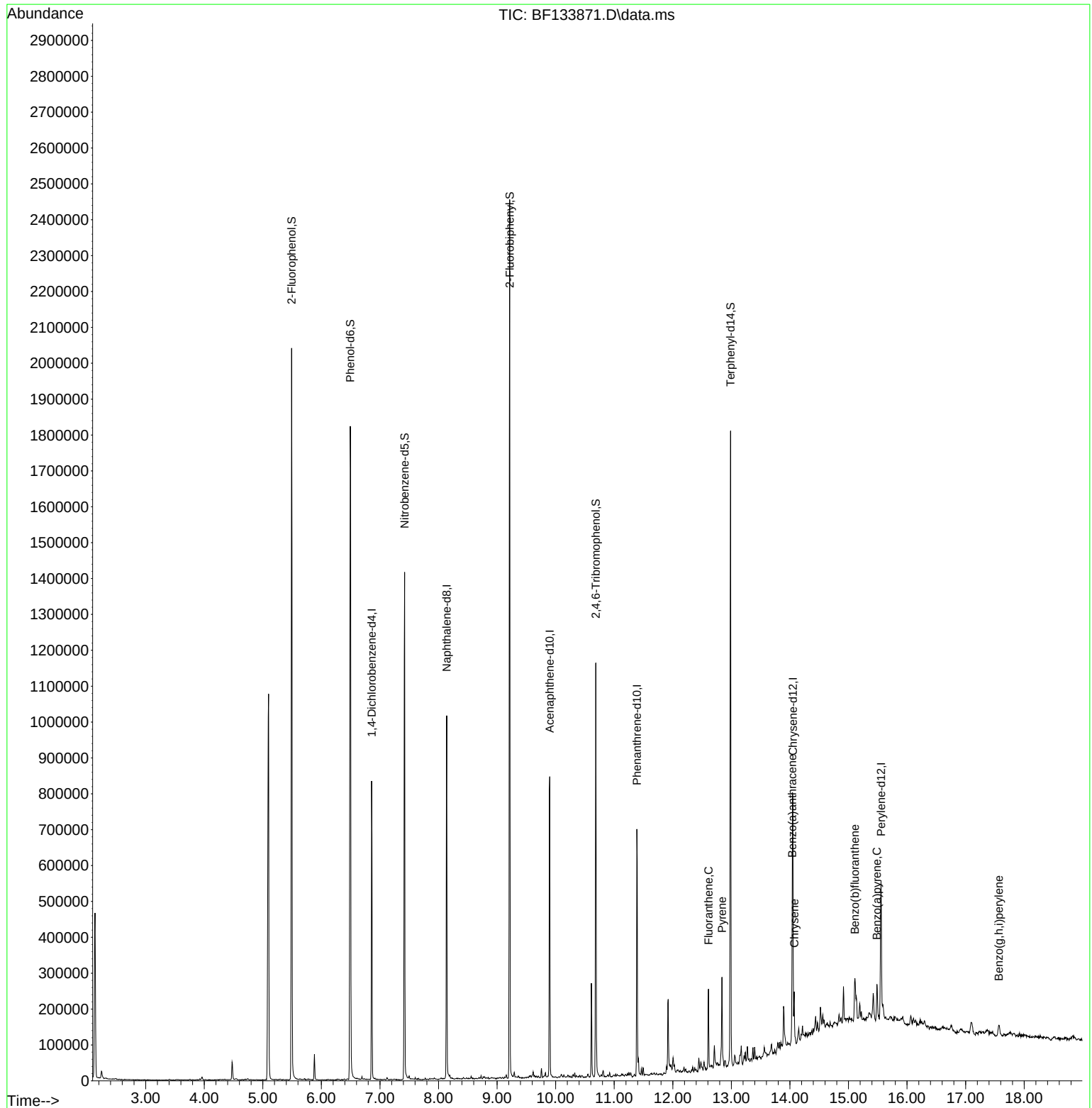
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	115400	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	416328	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	168670	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	254517	20.000	ng	0.00
76) Chrysene-d12	14.051	240	231536	20.000	ng	0.00
86) Perylene-d12	15.557	264	190331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	511473	77.160	ng	0.00
7) Phenol-d6	6.492	99	604935	70.110	ng	0.00
23) Nitrobenzene-d5	7.422	82	401998	52.592	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	119656	56.043	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	674454	56.842	ng	0.00
79) Terphenyl-d14	12.986	244	578086	38.633	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.610	202	85156	6.210	ng	97
78) Pyrene	12.839	202	97513	4.521	ng	99
81) Benzo(a)anthracene	14.039	228	58109	3.628	ng	95
83) Chrysene	14.074	228	58891	3.888	ng	96
88) Benzo(b)fluoranthene	15.110	252	68410m	5.917	ng	
90) Benzo(a)pyrene	15.486	252	48567	4.526	ng	# 96
92) Benzo(g,h,i)perylene	17.568	276	28291	2.632	ng	93

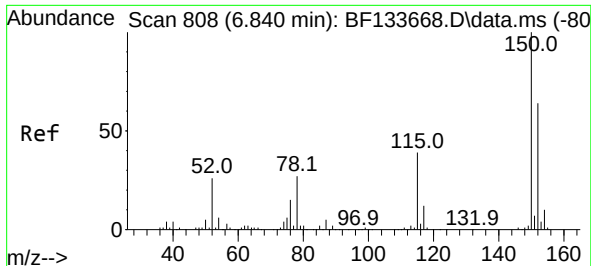
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133871.D
Acq On : 21 Jun 2023 15:16
Operator : CG\JU
Sample : 03322-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-061623

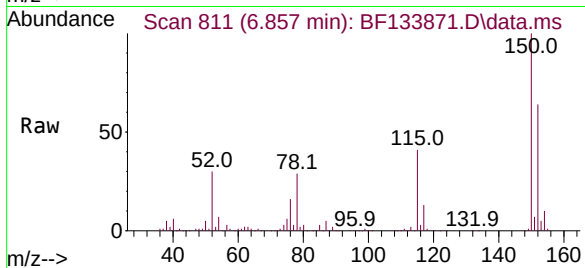
Quant Time: Jun 21 16:13:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



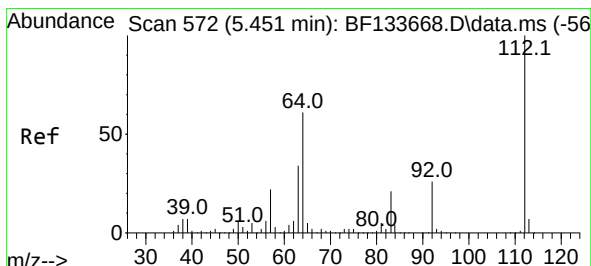
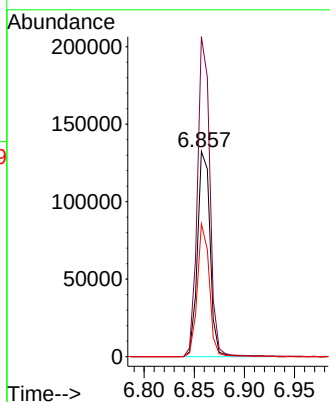
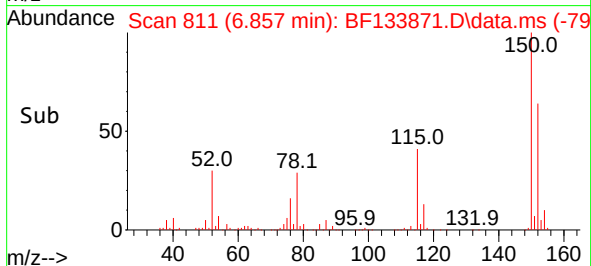


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

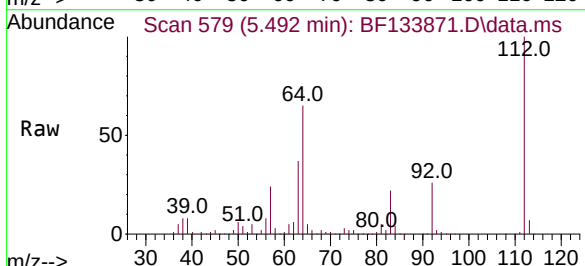
Instrument :
BNA_F
ClientSampleId :
HD-02-061623



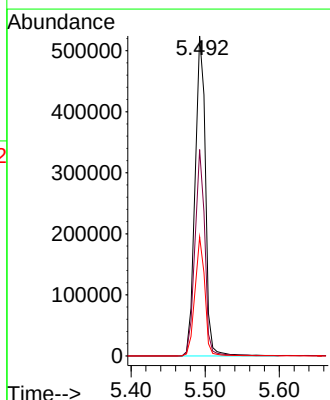
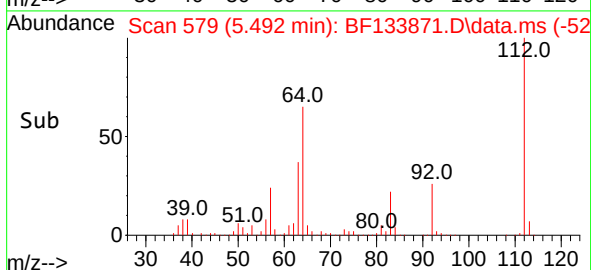
Tgt Ion:152 Resp: 115400
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 64.7 48.5 72.7

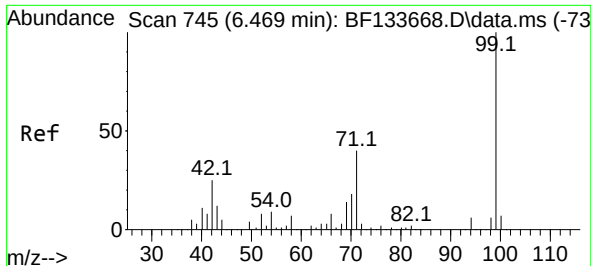


#5
2-Fluorophenol
Concen: 77.160 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16



Tgt Ion:112 Resp: 511473
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.4
63 37.2 26.8 40.2

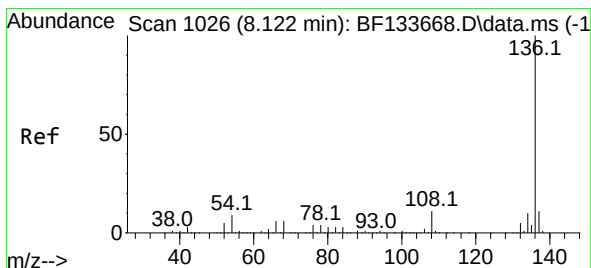
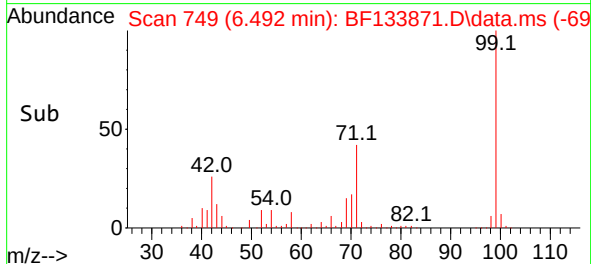
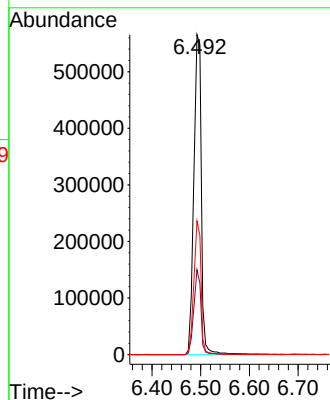
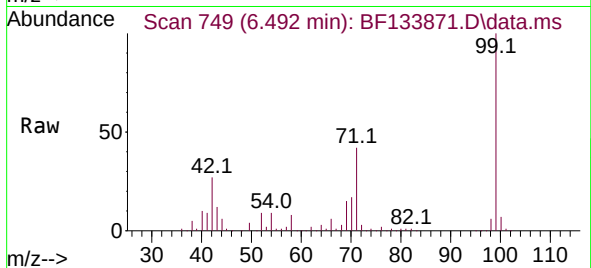




#7
Phenol-d6
Concen: 70.110 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

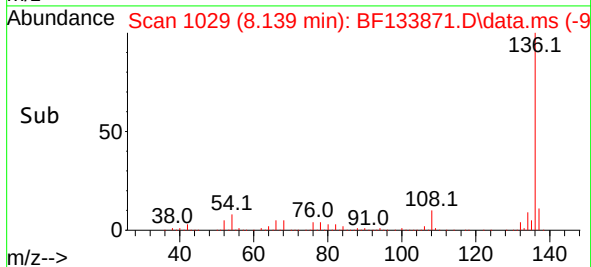
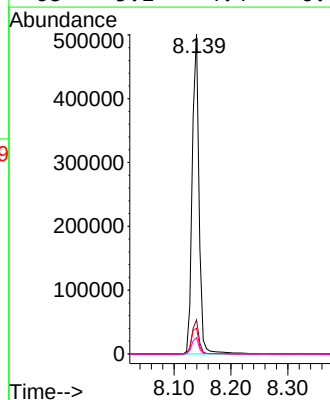
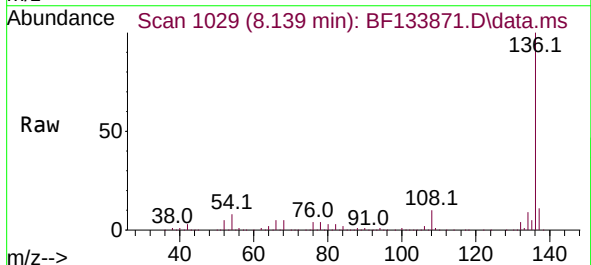
Instrument :
BNA_F
ClientSampleId :
HD-02-061623

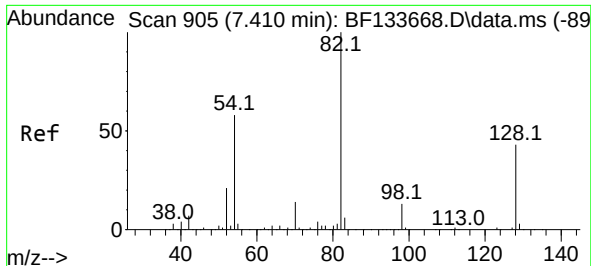
Tgt Ion: 99 Resp: 604935
Ion Ratio Lower Upper
99 100
42 26.5 19.9 29.9
71 41.8 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

Tgt Ion: 136 Resp: 416328
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.0 7.4 11.0
68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 52.592 ng

RT: 7.422 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133871.D

Acq: 21 Jun 2023 15:16

Instrument :

BNA_F

ClientSampleId :

HD-02-061623

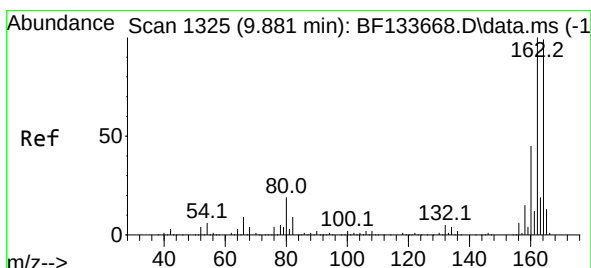
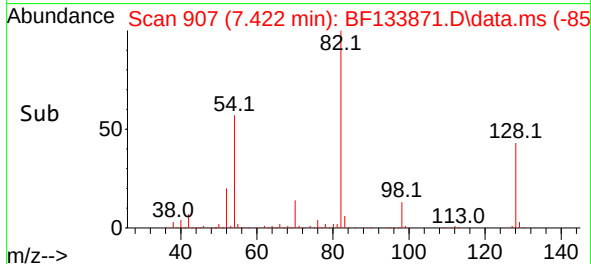
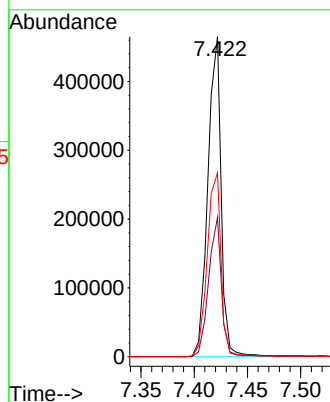
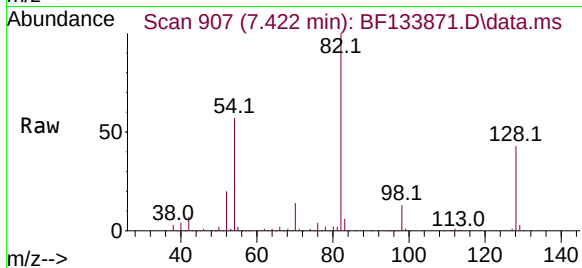
Tgt Ion: 82 Resp: 401998

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.2

54 57.4 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133871.D

Acq: 21 Jun 2023 15:16

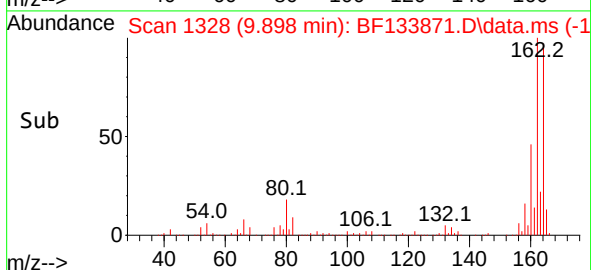
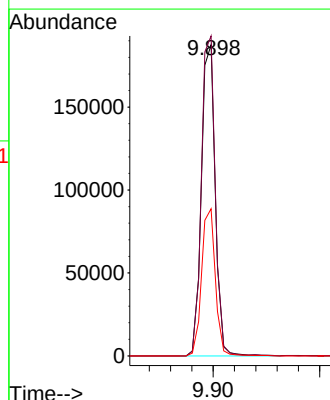
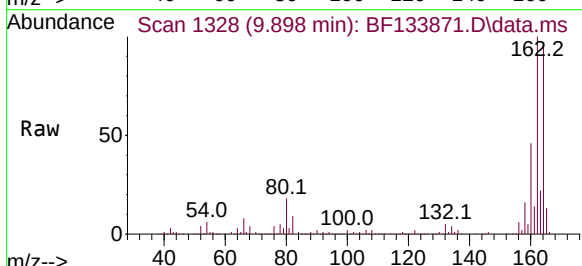
Tgt Ion:164 Resp: 168670

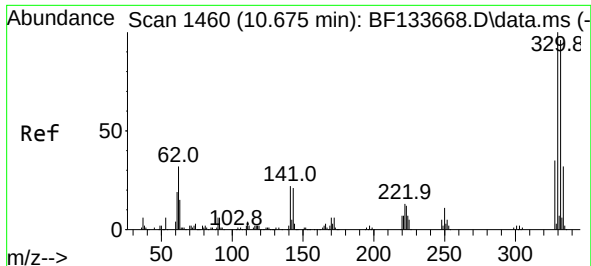
Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

160 47.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 56.043 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133871.D

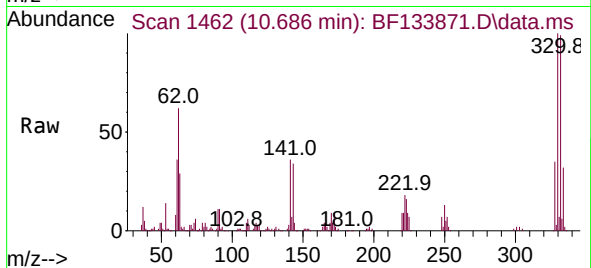
Acq: 21 Jun 2023 15:16

Instrument :

BNA_F

ClientSampleId :

HD-02-061623



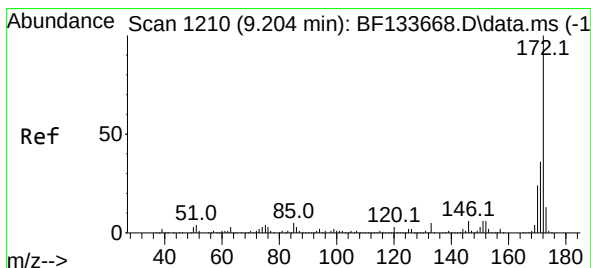
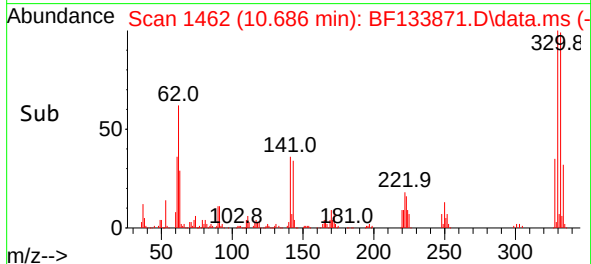
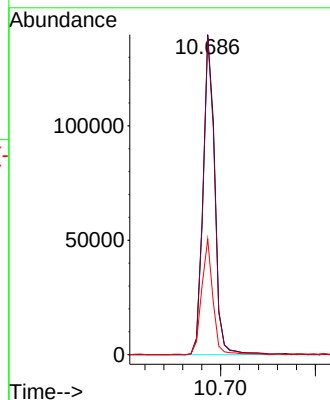
Tgt Ion:330 Resp: 119656

Ion Ratio Lower Upper

330 100

332 98.2 77.2 115.8

141 34.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 56.842 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF133871.D

Acq: 21 Jun 2023 15:16

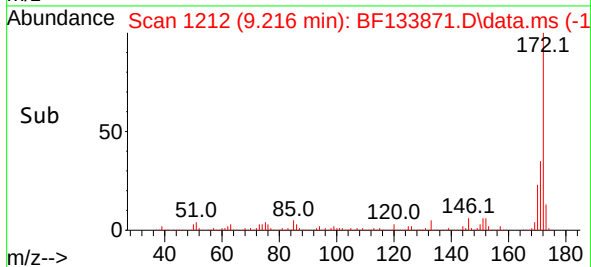
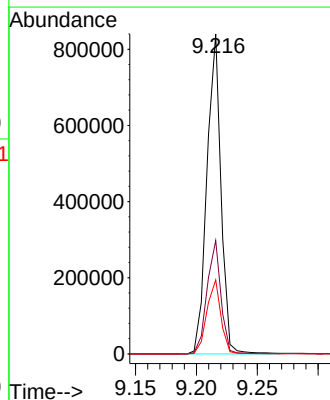
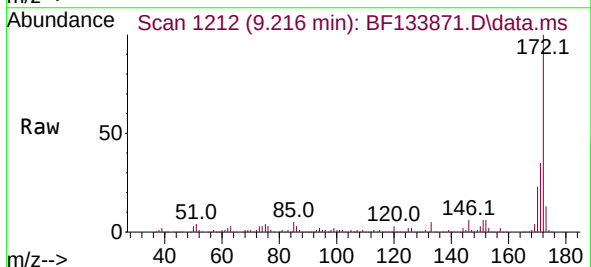
Tgt Ion:172 Resp: 674454

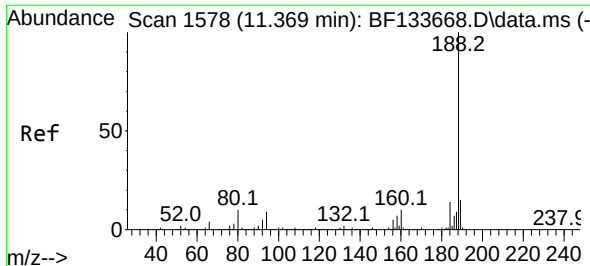
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.1 19.1 28.7

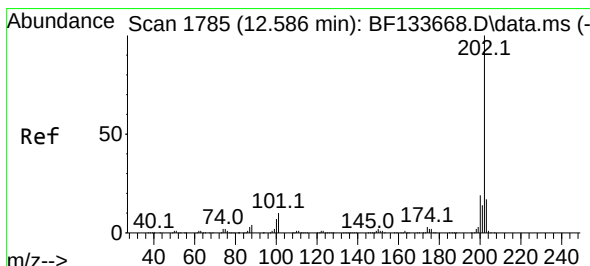
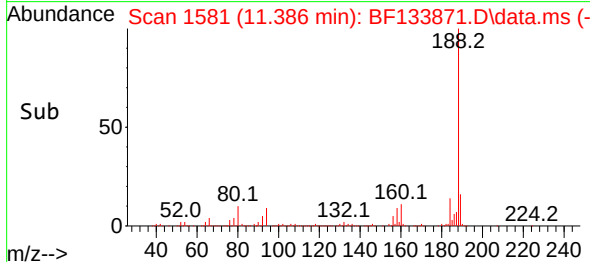
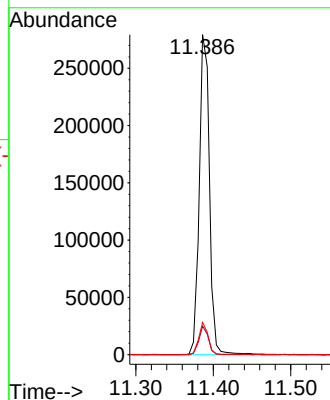
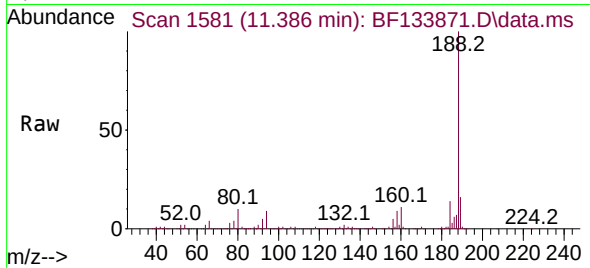




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

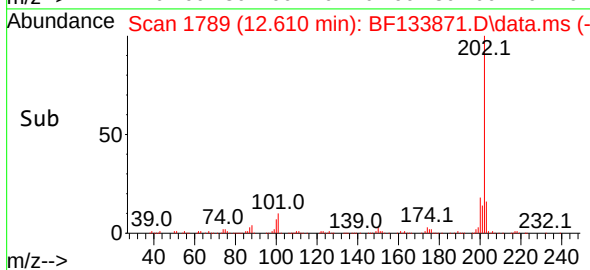
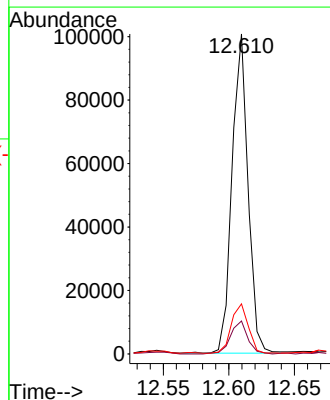
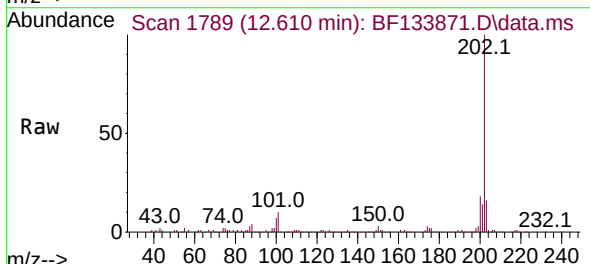
Instrument :
BNA_F
ClientSampleId :
HD-02-061623

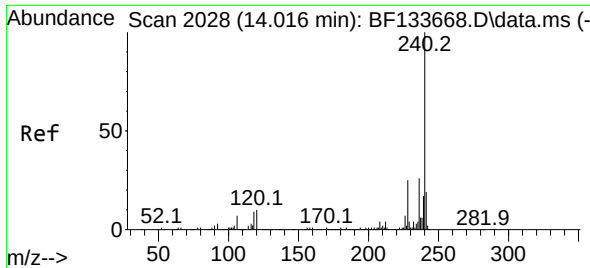
Tgt Ion:188 Resp: 254517
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 10.1 7.8 11.6



#75
Fluoranthene
Concen: 6.210 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

Tgt Ion:202 Resp: 85156
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 15.6 0.0 37.4

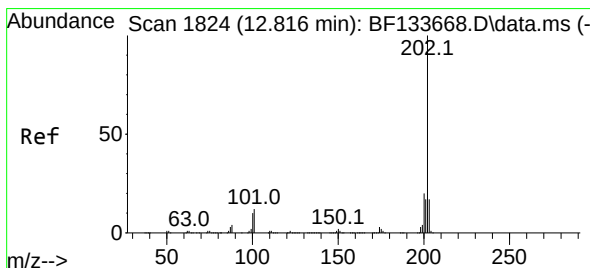
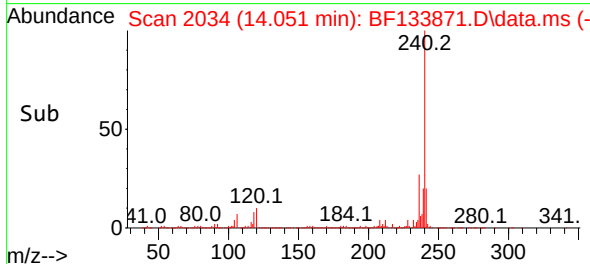
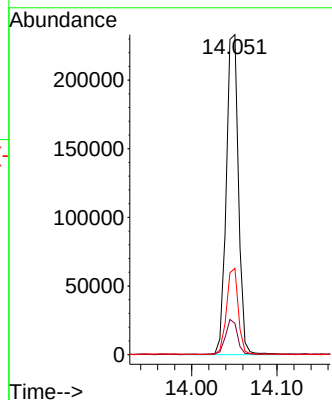
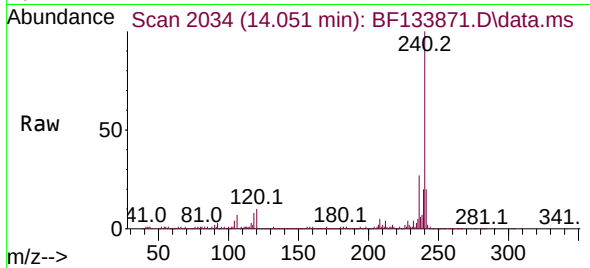




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

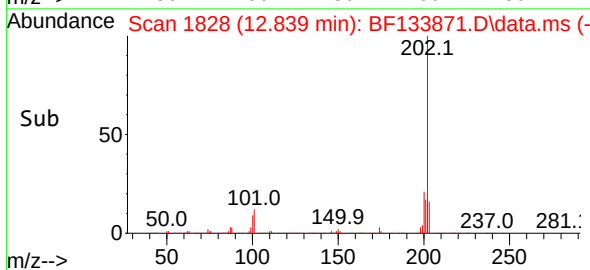
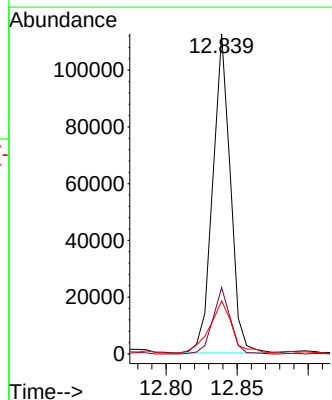
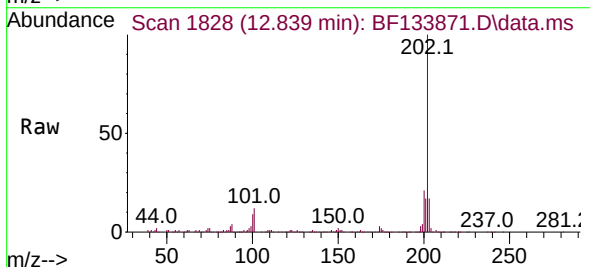
Instrument :
BNA_F
ClientSampleId :
HD-02-061623

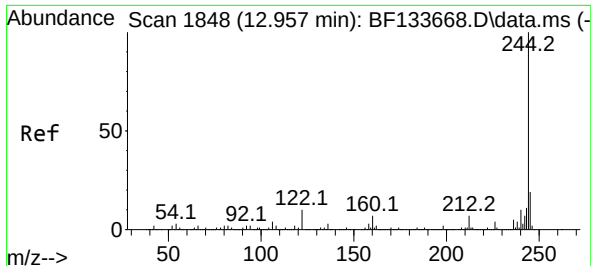
Tgt Ion:240 Resp: 231536
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.9 20.5 30.7



#78
Pyrene
Concen: 4.521 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

Tgt Ion:202 Resp: 97513
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 16.6 13.9 20.9





#79

Terphenyl-d14

Concen: 38.633 ng

RT: 12.986 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133871.D

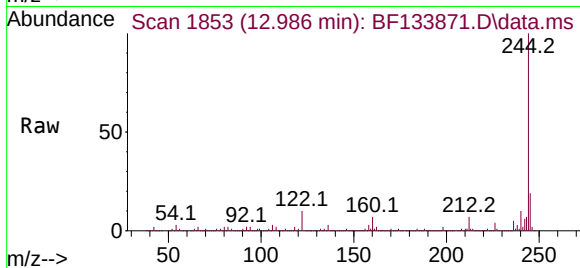
Acq: 21 Jun 2023 15:16

Instrument :

BNA_F

ClientSampleId :

HD-02-061623



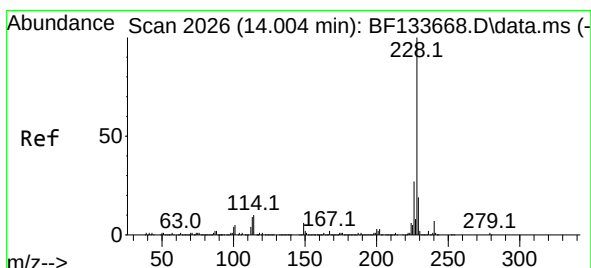
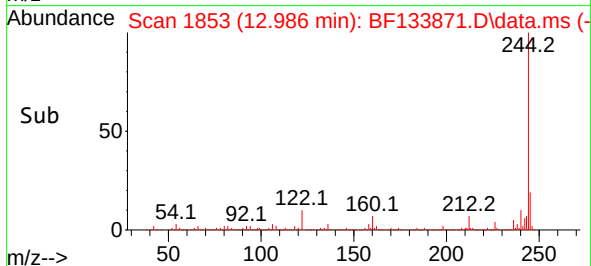
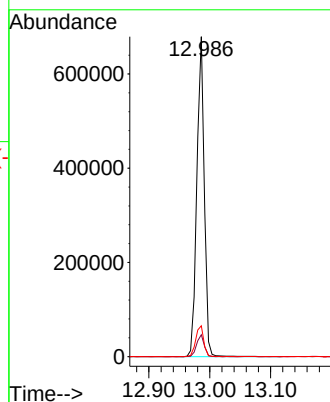
Tgt Ion:244 Resp: 578086

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.6 8.1 12.1



#81

Benzo(a)anthracene

Concen: 3.628 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF133871.D

Acq: 21 Jun 2023 15:16

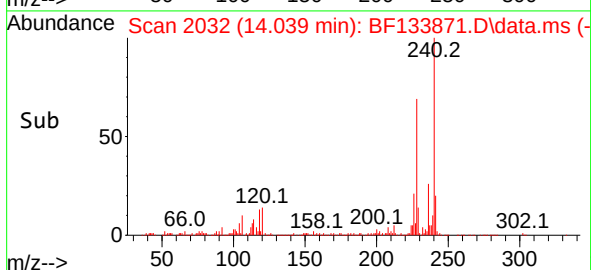
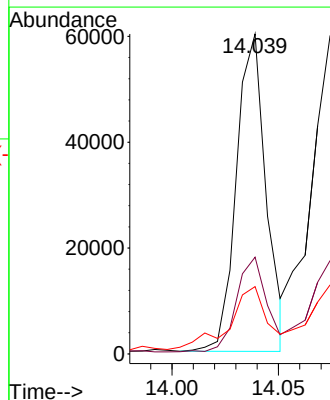
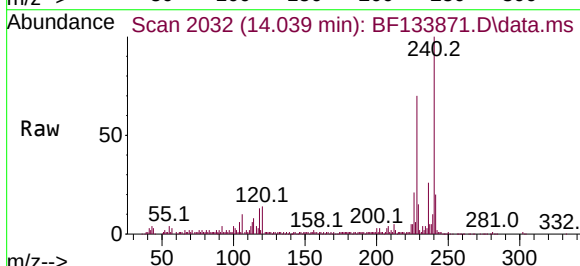
Tgt Ion:228 Resp: 58109

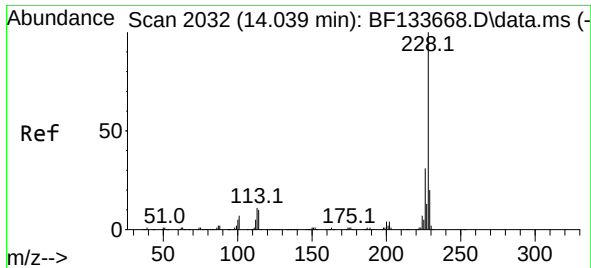
Ion Ratio Lower Upper

228 100

226 30.2 21.7 32.5

229 21.0 15.4 23.2





#83

Chrysene

Concen: 3.888 ng

RT: 14.074 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133871.D

Acq: 21 Jun 2023 15:16

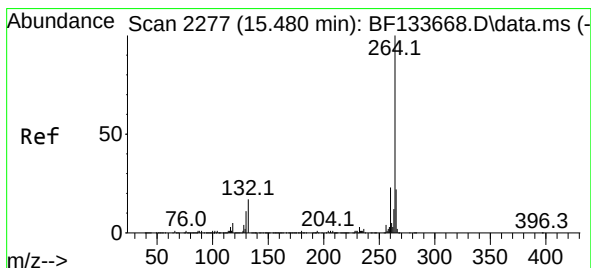
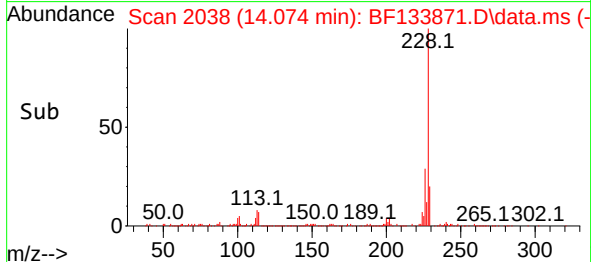
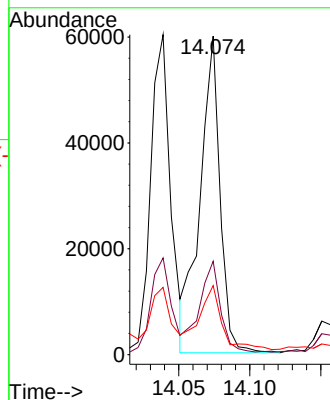
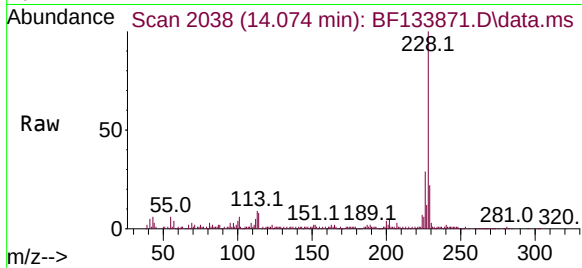
Instrument :

BNA_F

ClientSampleId :

HD-02-061623

Tgt Ion:228	Resp: 58891
Ion Ratio	Lower Upper
228 100	
226 29.3	25.0 37.6
229 21.7	15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

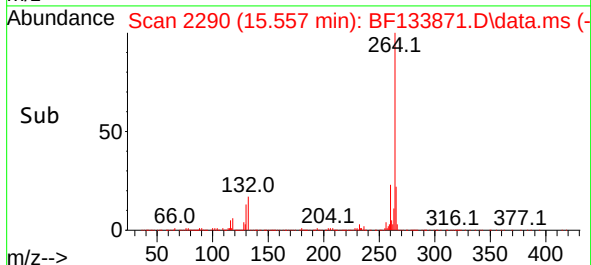
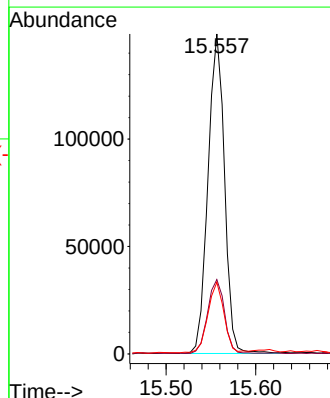
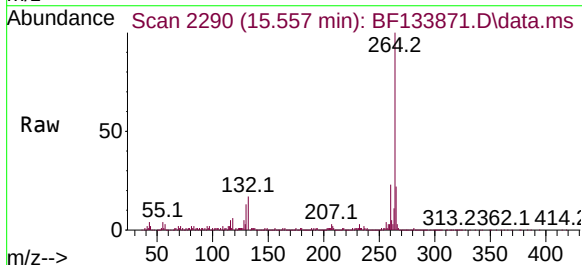
RT: 15.557 min Scan# 2290

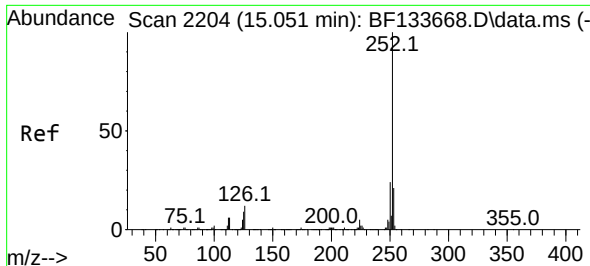
Delta R.T. 0.006 min

Lab File: BF133871.D

Acq: 21 Jun 2023 15:16

Tgt Ion:264	Resp: 190331
Ion Ratio	Lower Upper
264 100	
260 23.2	18.2 27.2
265 22.4	17.8 26.6

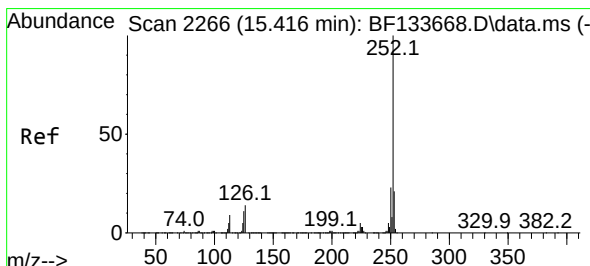
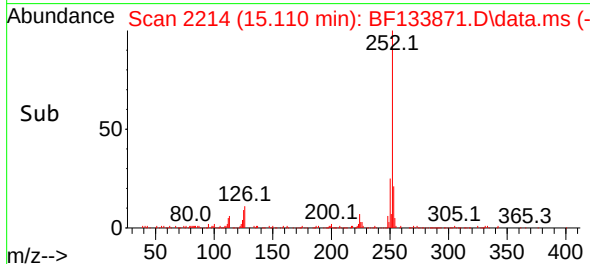
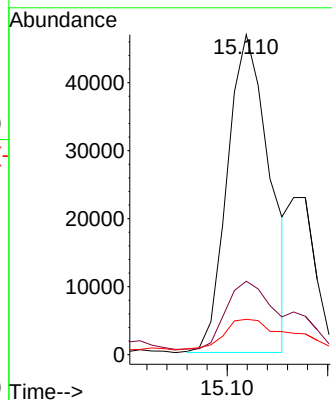
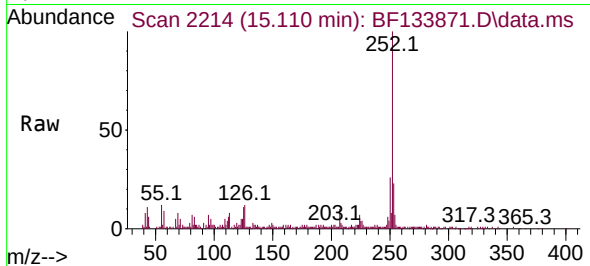




#88
Benzo(b)fluoranthene
Concen: 5.917 ng m
RT: 15.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

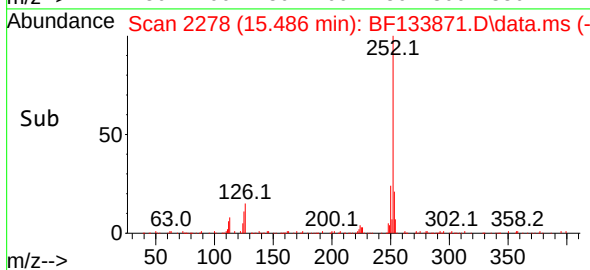
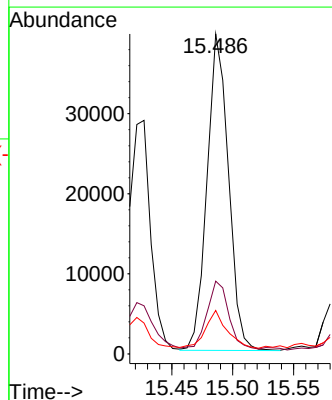
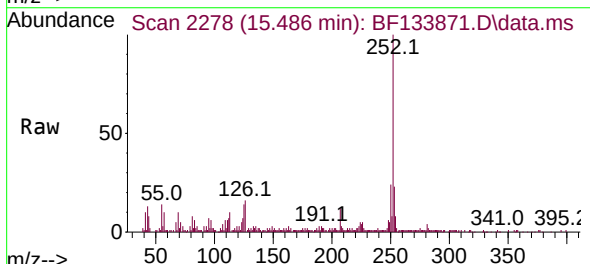
Instrument :
BNA_F
ClientSampleId :
HD-02-061623

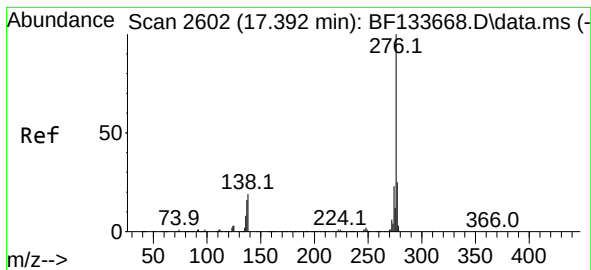
Tgt Ion:252 Resp: 68410
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 11.0 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 4.526 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF133871.D
Acq: 21 Jun 2023 15:16

Tgt Ion:252 Resp: 48567
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 13.6 8.6 13.0#





#92

Benzo(g,h,i)perylene

Concen: 2.632 ng

RT: 17.568 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133871.D

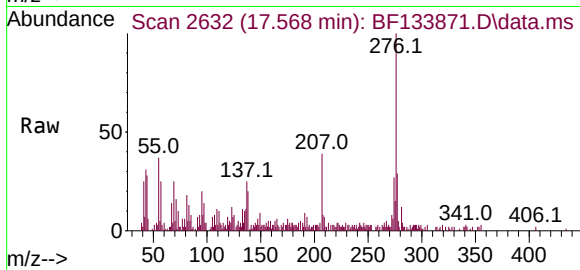
Acq: 21 Jun 2023 15:16

Instrument :

BNA_F

ClientSampleId :

HD-02-061623



Tgt Ion:276 Resp: 28291

Ion Ratio Lower Upper

276 100

277 29.5 19.8 29.8

138 20.4 15.0 22.4

