

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133885.D
 Acq On : 21 Jun 2023 22:47
 Operator : CG\JU
 Sample : 03289-19 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Jun 22 06:02:06 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)

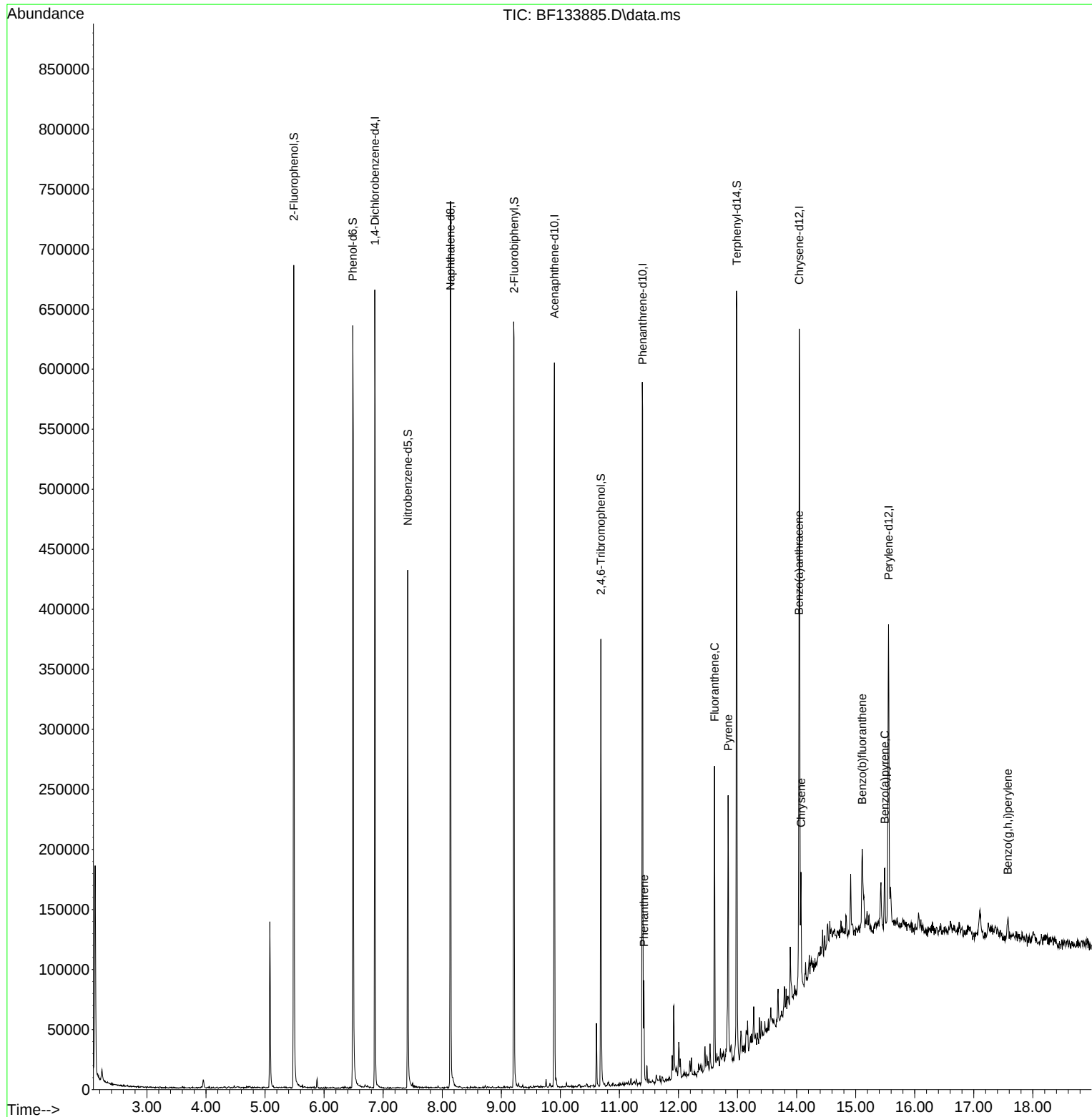
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	94508	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	307287	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	119071	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	227133	20.000	ng	0.00
76) Chrysene-d12	14.045	240	171572	20.000	ng	0.00
86) Perylene-d12	15.557	264	120393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	168613	31.060	ng	0.00
7) Phenol-d6	6.487	99	192402	27.228	ng	0.00
23) Nitrobenzene-d5	7.416	82	120046	21.278	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	40214	26.681	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	202949	24.229	ng	0.00
79) Terphenyl-d14	12.986	244	226480	20.425	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	29640	2.572	ng	96
75) Fluoranthene	12.610	202	91868	7.507	ng	98
78) Pyrene	12.839	202	89765	5.616	ng	98
81) Benzo(a)anthracene	14.039	228	41156	3.468	ng	97
83) Chrysene	14.074	228	39900	3.555	ng	95
88) Benzo(b)fluoranthene	15.110	252	37208m	5.088	ng	
90) Benzo(a)pyrene	15.492	252	25068	3.693	ng	97
92) Benzo(g,h,i)perylene	17.574	276	18219	2.680	ng	# 89

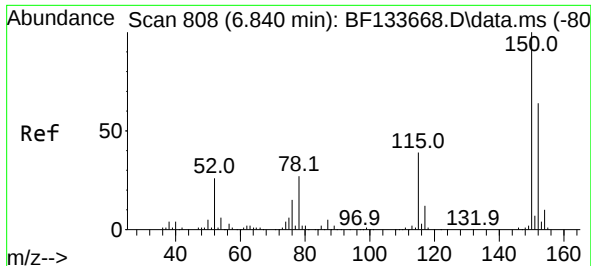
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133885.D
Acq On : 21 Jun 2023 22:47
Operator : CG\JU
Sample : 03289-19 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

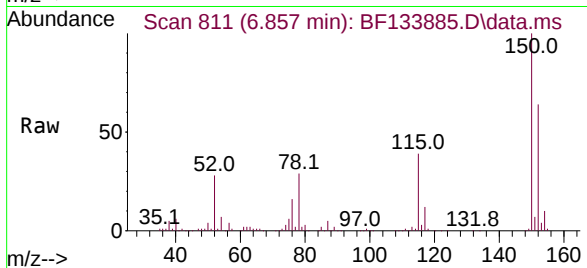
Quant Time: Jun 22 06:02:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



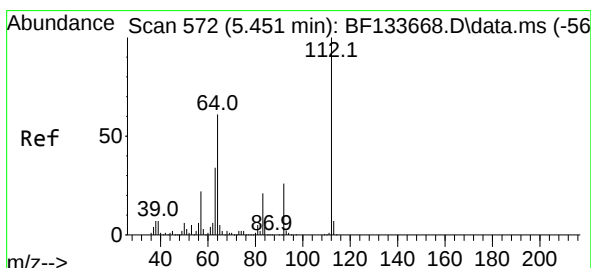
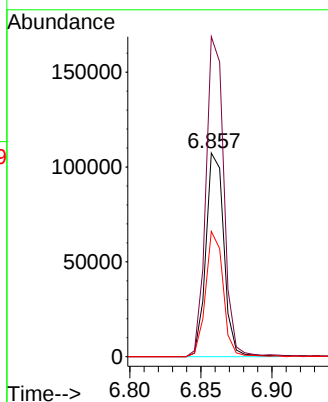
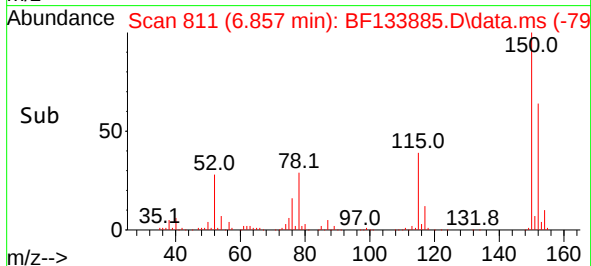


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF133885.D
 Acq: 21 Jun 2023 22:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

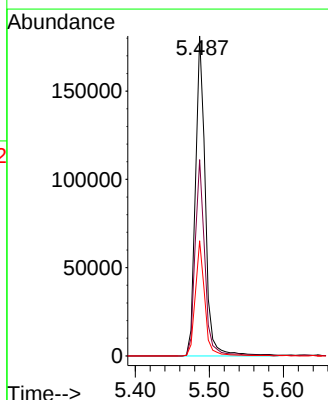
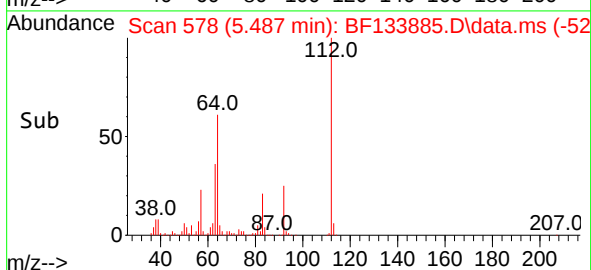
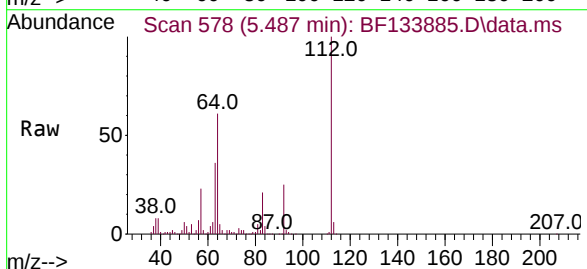


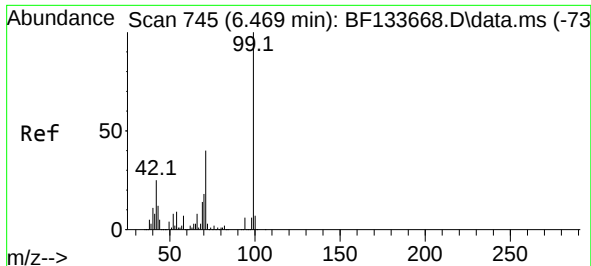
Tgt Ion:152 Resp: 94508
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.3 186.5
 115 61.5 48.5 72.7



#5
 2-Fluorophenol
 Concen: 31.060 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: BF133885.D
 Acq: 21 Jun 2023 22:47

Tgt Ion:112 Resp: 168613
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.0 73.4
 63 36.0 26.8 40.2

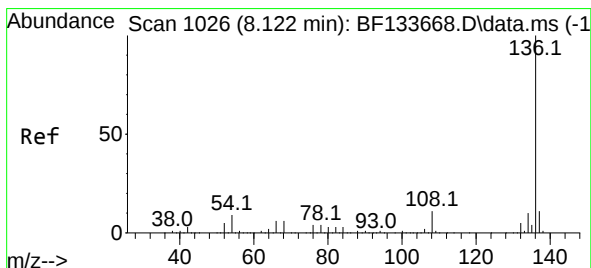
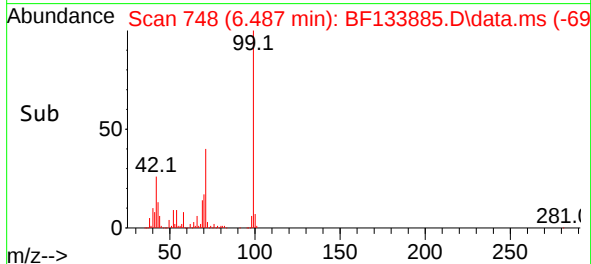
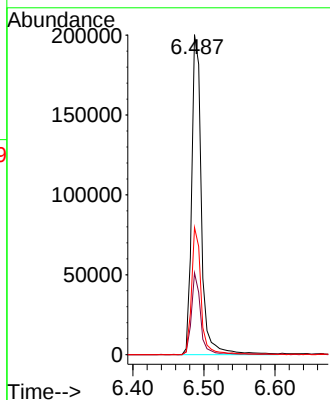
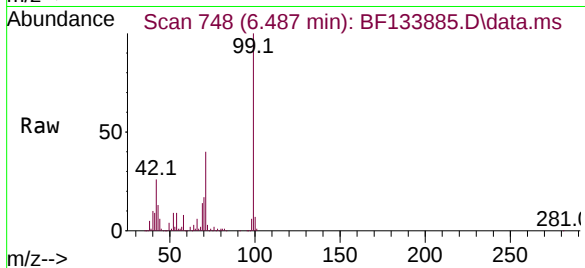




#7
Phenol-d6
Concen: 27.228 ng
RT: 6.487 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

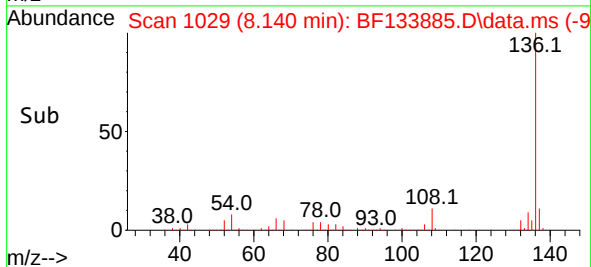
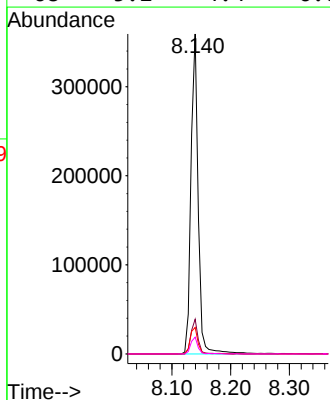
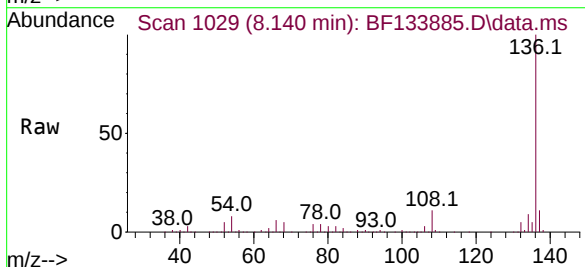
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

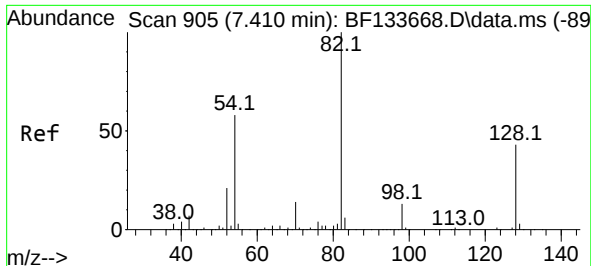
Tgt Ion: 99 Resp: 192402
Ion Ratio Lower Upper
99 100
42 25.5 19.9 29.9
71 39.7 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

Tgt Ion: 136 Resp: 307287
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.4 11.0
68 5.2 4.4 6.6

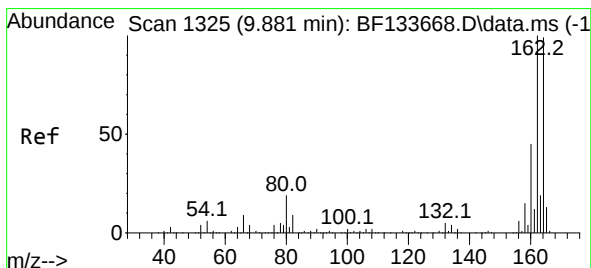
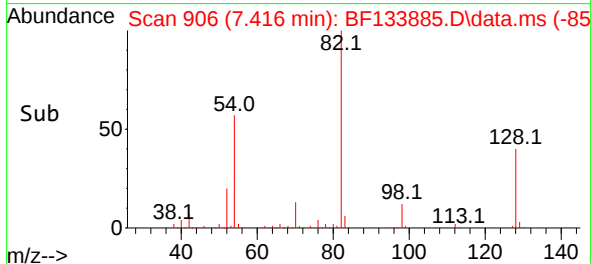
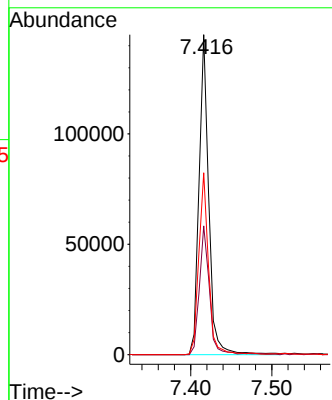
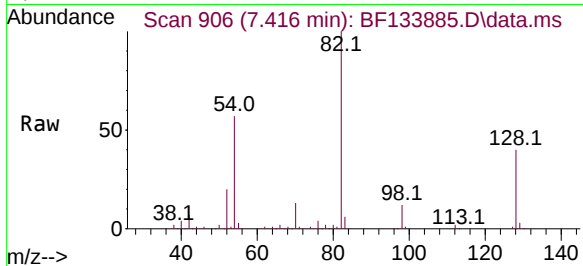




#23
Nitrobenzene-d5
Concen: 21.278 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

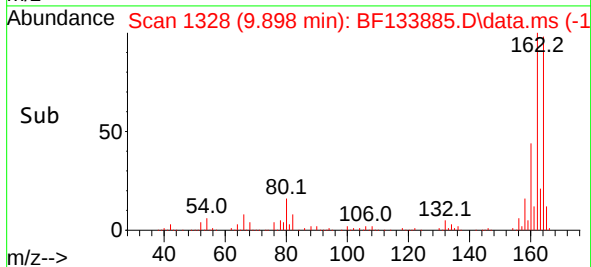
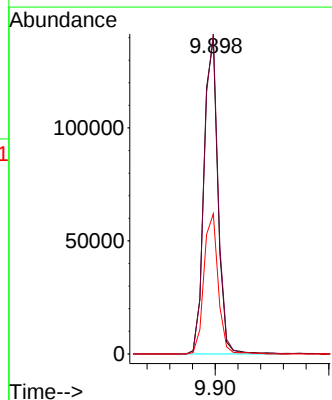
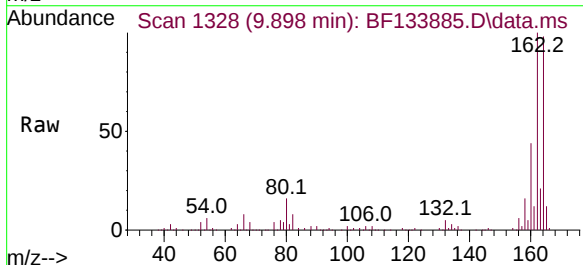
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

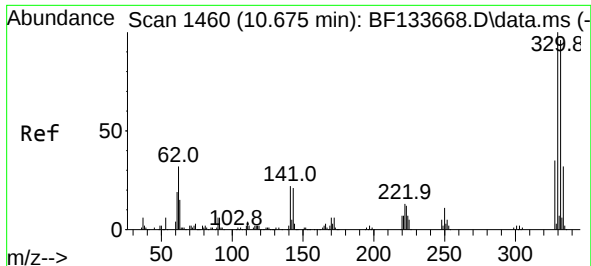
Tgt Ion: 82 Resp: 120046
Ion Ratio Lower Upper
82 100
128 40.3 34.2 51.2
54 56.8 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

Tgt Ion:164 Resp: 119071
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 44.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 26.681 ng

RT: 10.686 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

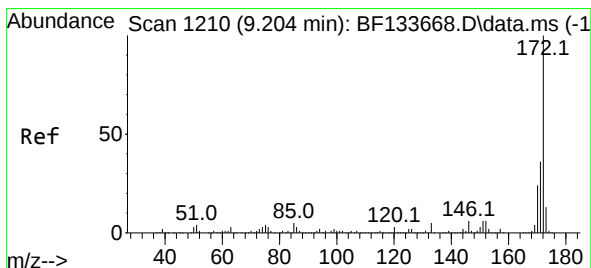
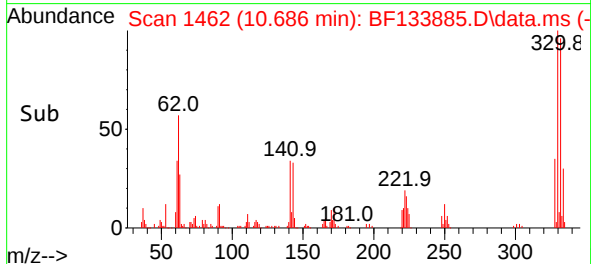
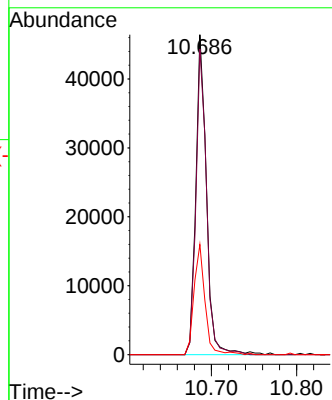
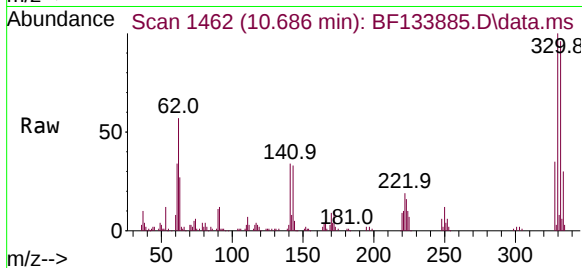
Tgt Ion:330 Resp: 40214

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

141 35.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 24.229 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

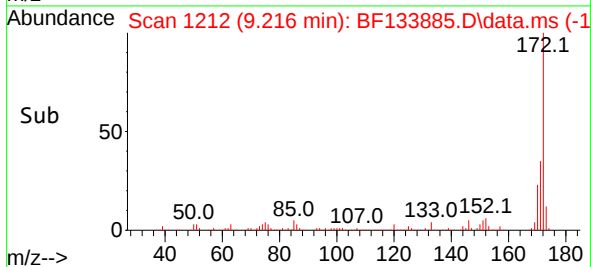
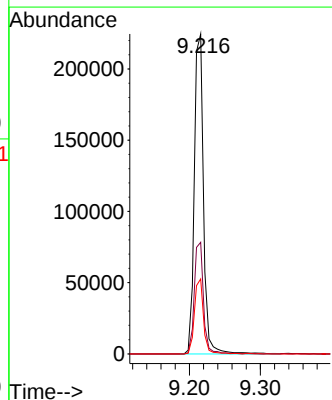
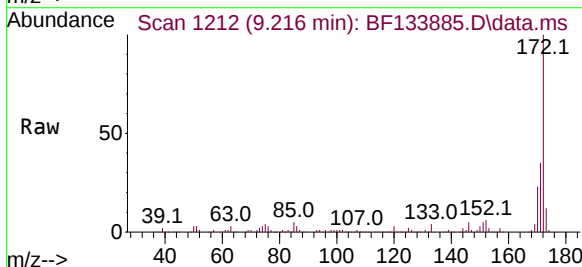
Tgt Ion:172 Resp: 202949

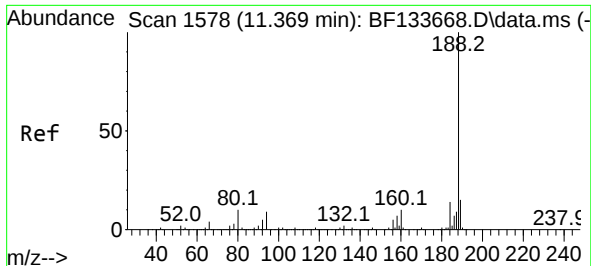
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.4 19.1 28.7

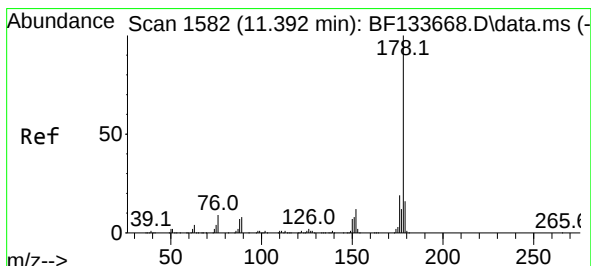
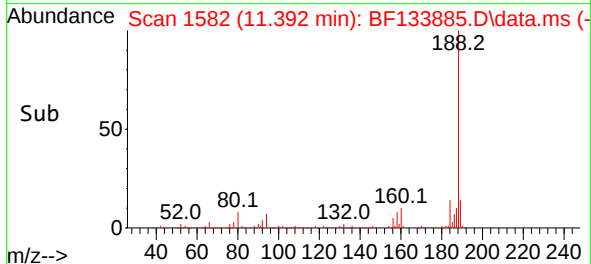
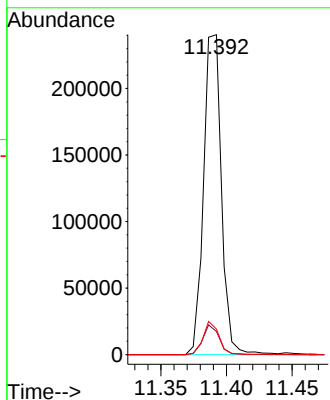
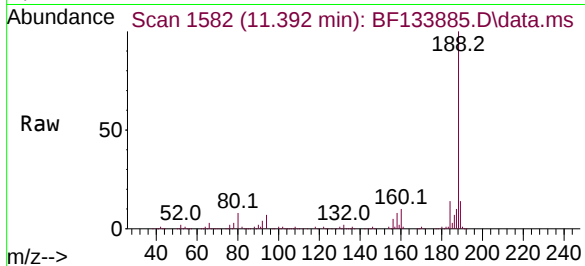




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

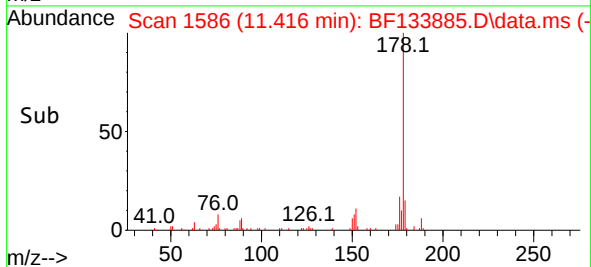
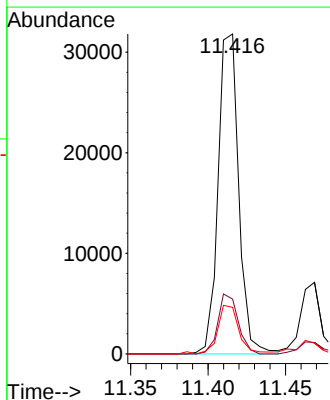
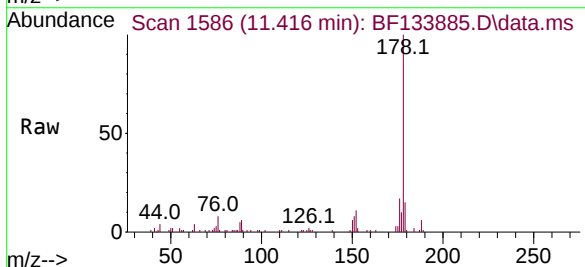
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

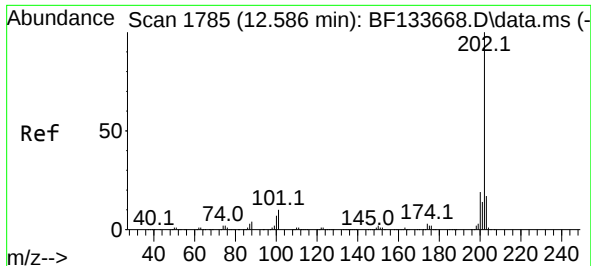
Tgt Ion:188 Resp: 227133
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 8.0 7.8 11.6



#71
Phenanthrene
Concen: 2.572 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

Tgt Ion:178 Resp: 29640
Ion Ratio Lower Upper
178 100
176 17.1 15.6 23.4
179 14.5 12.4 18.6

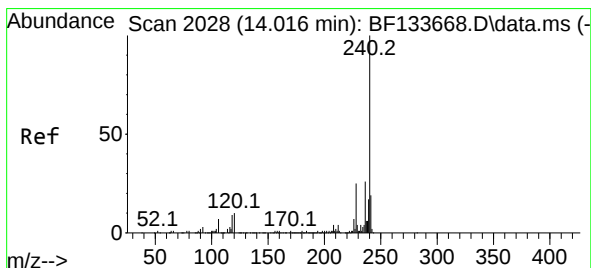
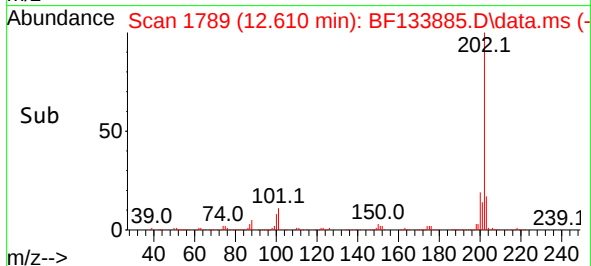
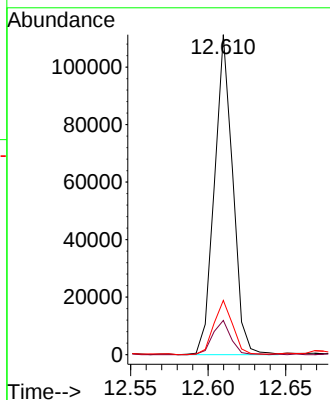
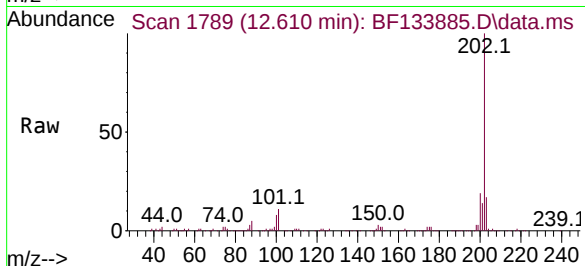




#75
Fluoranthene
Concen: 7.507 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

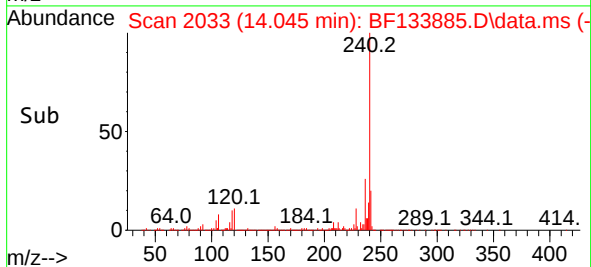
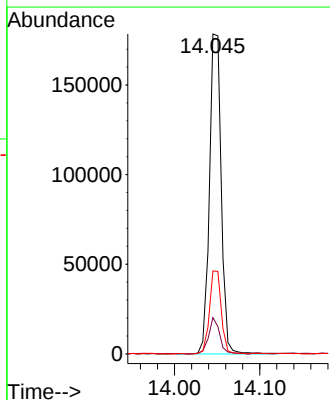
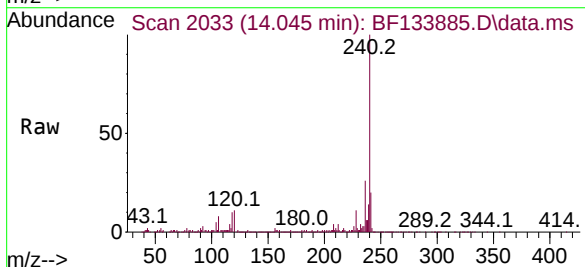
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

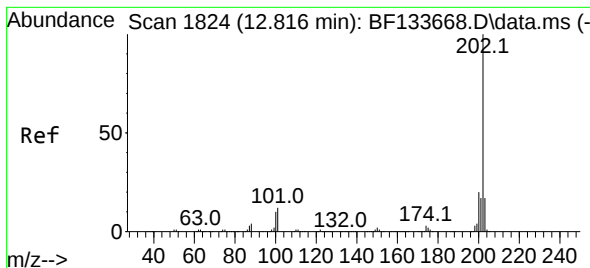
Tgt Ion:202 Resp: 91868
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 16.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

Tgt Ion:240 Resp: 171572
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 25.9 20.5 30.7





#78

Pyrene

Concen: 5.616 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

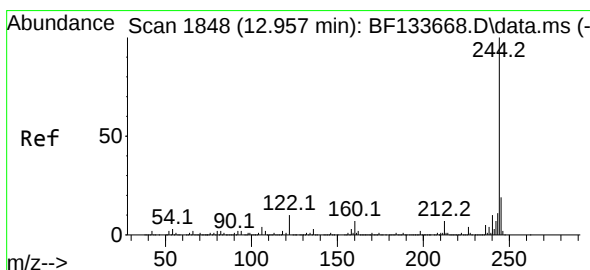
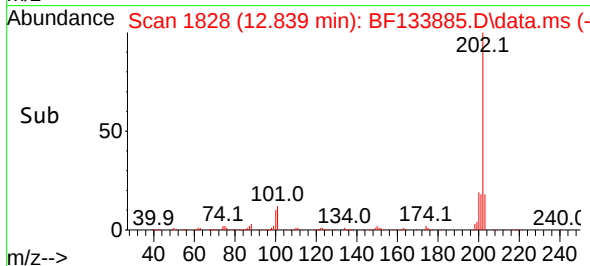
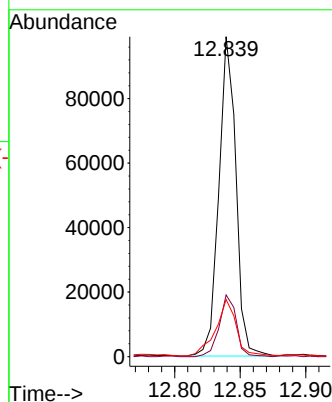
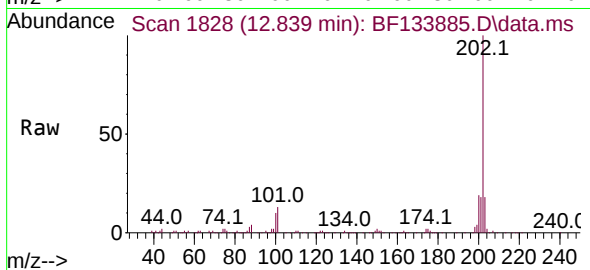
Tgt Ion:202 Resp: 89765

Ion Ratio Lower Upper

202 100

200 19.3 16.2 24.2

203 17.8 13.9 20.9



#79

Terphenyl-d14

Concen: 20.425 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

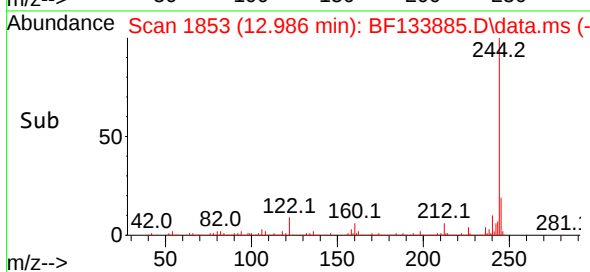
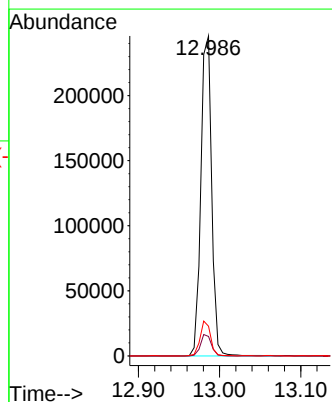
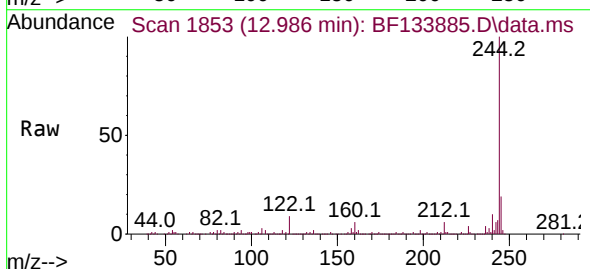
Tgt Ion:244 Resp: 226480

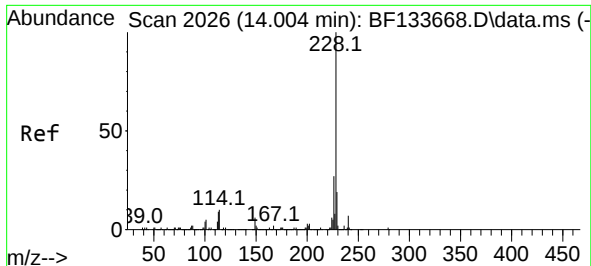
Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.2

122 9.3 8.1 12.1

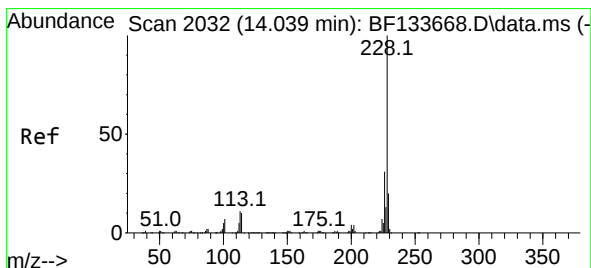
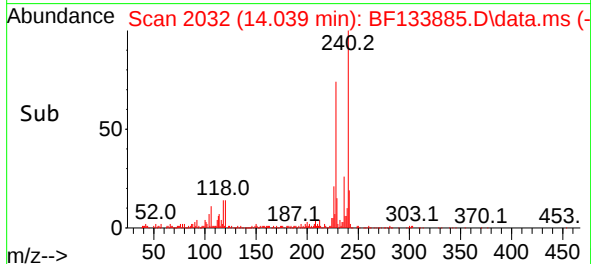
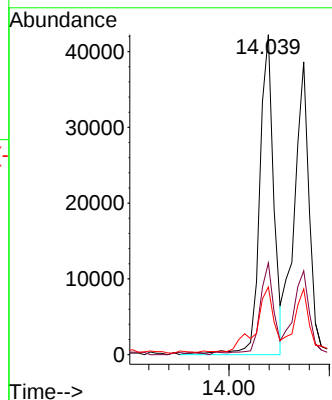
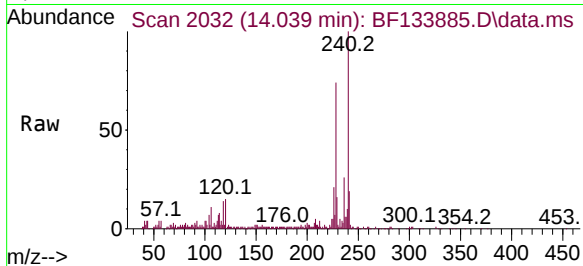




#81
Benzo(a)anthracene
Concen: 3.468 ng
RT: 14.039 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

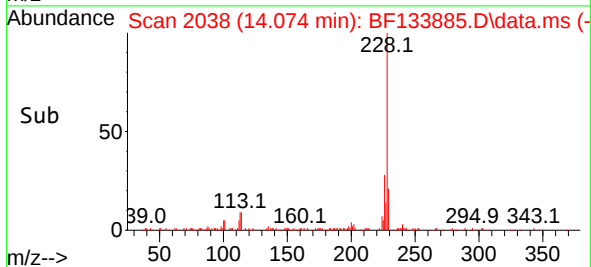
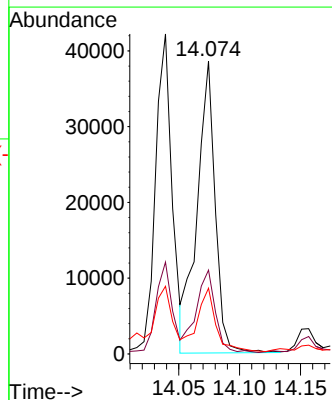
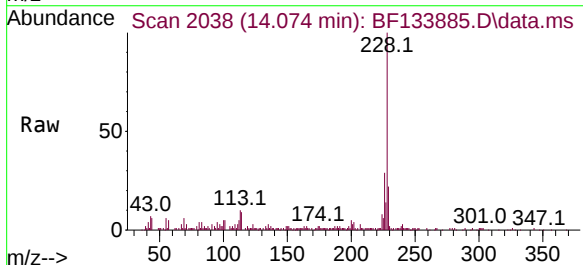
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

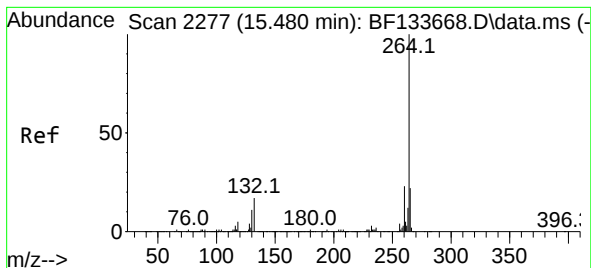
Tgt Ion:228 Resp: 41156
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 21.1 15.4 23.2



#83
Chrysene
Concen: 3.555 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF133885.D
Acq: 21 Jun 2023 22:47

Tgt Ion:228 Resp: 39900
Ion Ratio Lower Upper
228 100
226 28.6 25.0 37.6
229 22.5 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

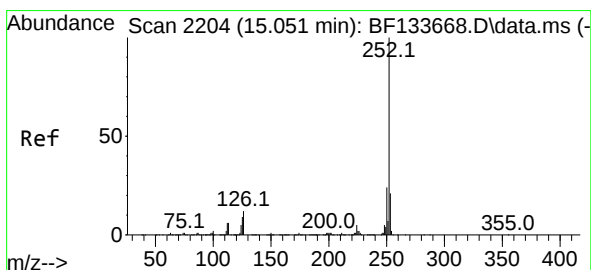
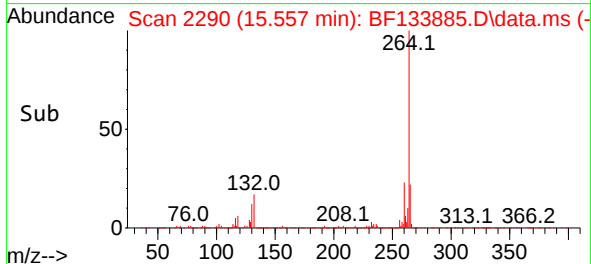
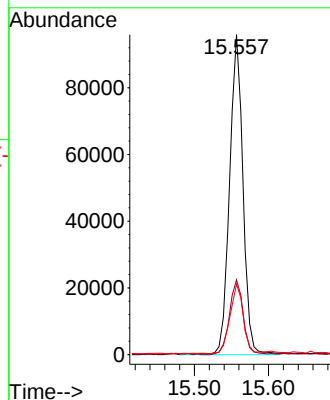
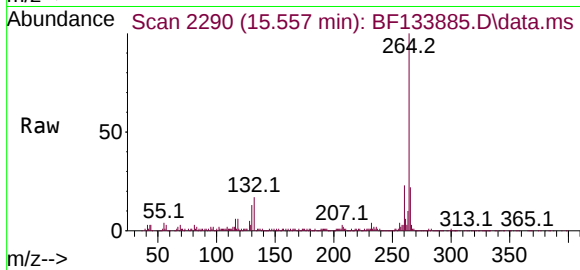
Tgt Ion:264 Resp: 120393

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 22.0 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 5.088 ng m

RT: 15.110 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

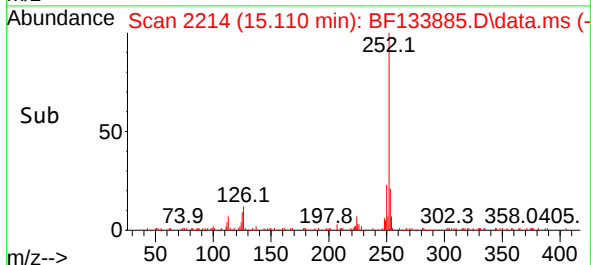
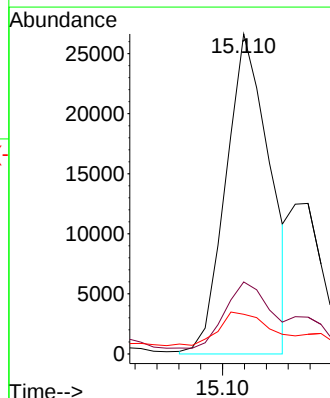
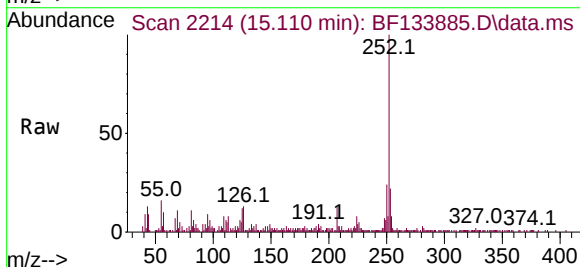
Tgt Ion:252 Resp: 37208

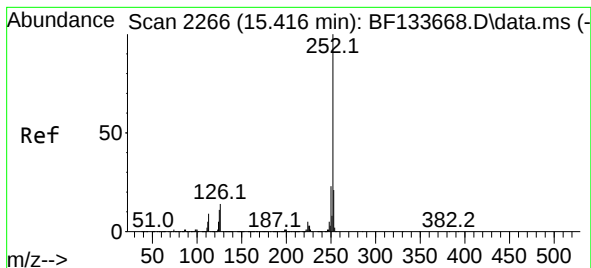
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 12.4 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 3.693 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

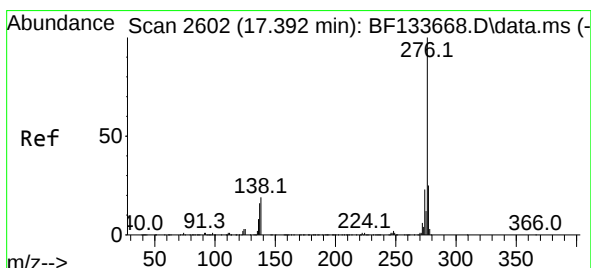
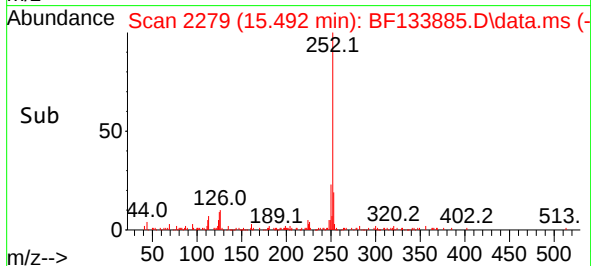
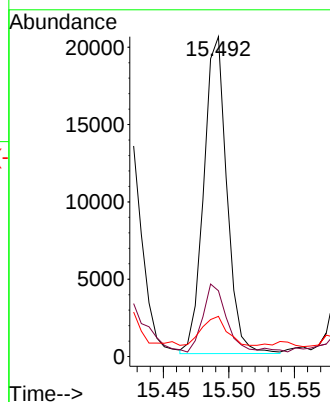
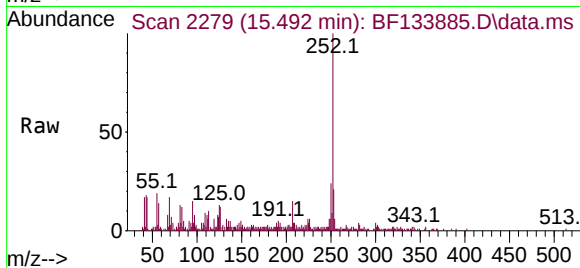
Instrument :

BNA_F

ClientSampleId :

SB-07-0-2.0

Tgt Ion:	252	Resp:	25068
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.1	25.7
125	12.6	8.6	13.0



#92

Benzo(g,h,i)perylene

Concen: 2.680 ng

RT: 17.574 min Scan# 2633

Delta R.T. 0.000 min

Lab File: BF133885.D

Acq: 21 Jun 2023 22:47

Tgt Ion:	276	Resp:	18219
Ion Ratio	Lower	Upper	
276	100		
277	19.8	19.8	29.8#
138	24.4	15.0	22.4#

