

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014128.D
 Acq On : 17 Mar 2023 19:19
 Operator : CG/JU
 Sample : 01954-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SV-TP5-0316

Quant Time: Mar 18 00:27:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

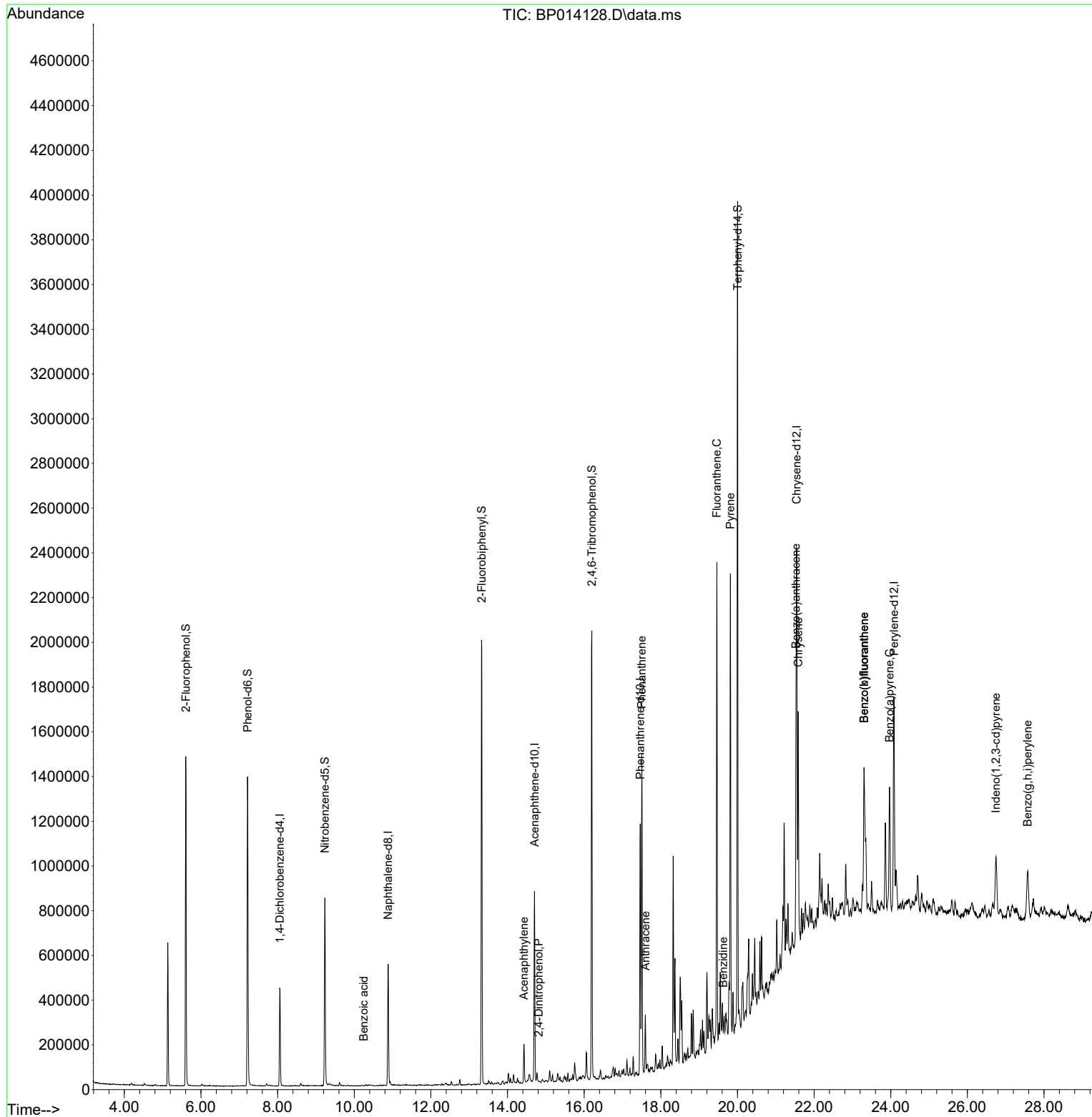
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	115764	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	440319	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	279853	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	658480	20.000	ng	0.00
76) Chrysene-d12	21.545	240	686421	20.000	ng	0.00
86) Perylene-d12	24.086	264	797354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	582397	81.588	ng	0.00
7) Phenol-d6	7.216	99	765564	81.687	ng	0.00
23) Nitrobenzene-d5	9.234	82	492674	51.140	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	403064	88.831	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1018426	47.148	ng	0.00
79) Terphenyl-d14	20.004	244	1749840	42.035	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.251	122	98	2.717	ng	# 1
49) Acenaphthylene	14.428	152	123247	4.469	ng	100
54) 2,4-Dinitrophenol	14.816	184	63	3.095	ng	# 1
71) Phenanthrene	17.504	178	846279	23.006	ng	99
72) Anthracene	17.598	178	162051	4.311	ng	99
75) Fluoranthene	19.463	202	1195046	27.179	ng	98
77) Benzidine	19.627	184	709	2.877	ng	# 1
78) Pyrene	19.816	202	1165173	22.116	ng	99
81) Benzo(a)anthracene	21.527	228	542246	10.766	ng	98
83) Chrysene	21.586	228	593812	12.450	ng	98
87) Indeno(1,2,3-cd)pyrene	26.745	276	317030	5.146	ng	97
88) Benzo(b)fluoranthene	23.304	252	634080	12.145	ng	# 97
89) Benzo(k)fluoranthene	23.304	252	634080	12.249	ng	# 97
90) Benzo(a)pyrene	23.968	252	467862	9.395	ng	# 96
92) Benzo(g,h,i)perylene	27.574	276	317114	6.247	ng	99

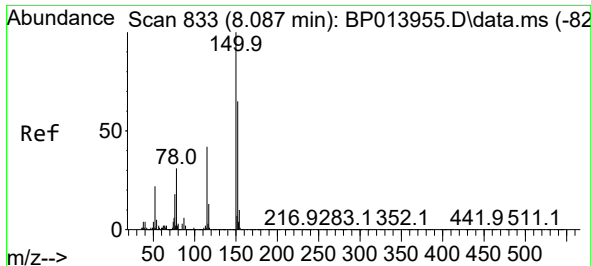
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
Data File : BP014128.D
Acq On : 17 Mar 2023 19:19
Operator : CG/JU
Sample : 01954-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

Quant Time: Mar 18 00:27:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 00:19:43 2023
Response via : Initial Calibration

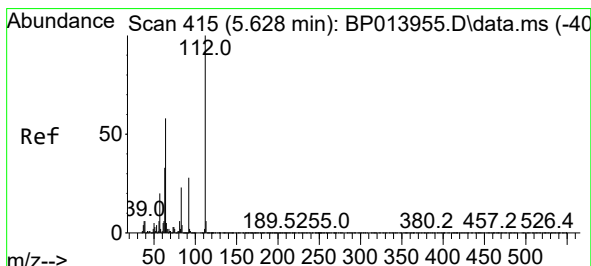
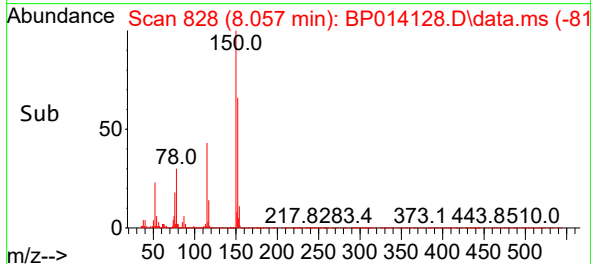
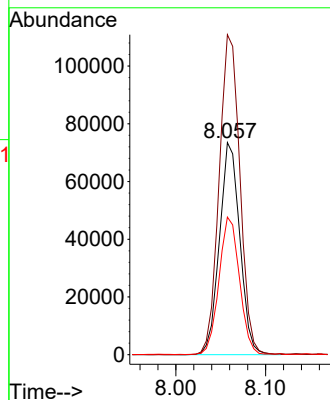
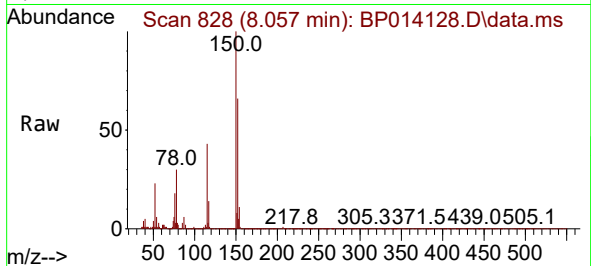




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.057 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

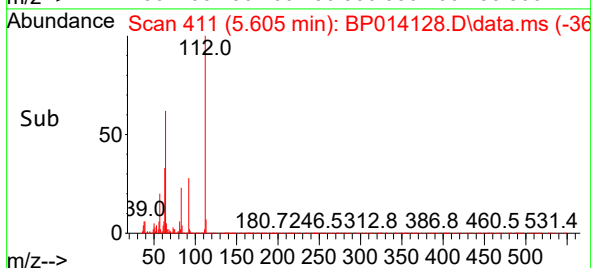
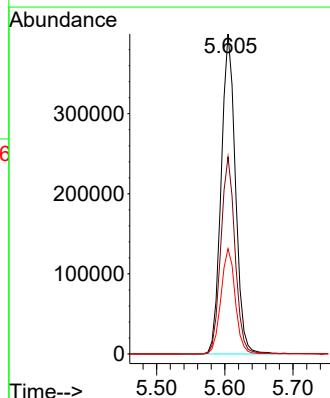
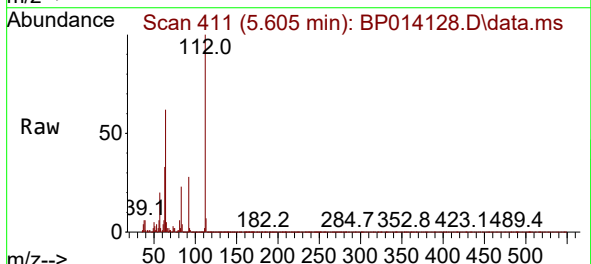
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

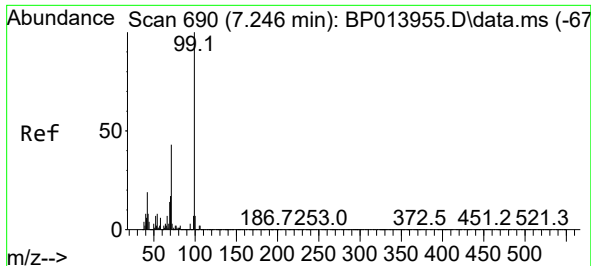
Tgt Ion:152 Resp: 115764
Ion Ratio Lower Upper
152 100
150 150.8 122.3 183.5
115 64.8 51.6 77.4



#5
2-Fluorophenol
Concen: 81.588 ng
RT: 5.605 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:112 Resp: 582397
Ion Ratio Lower Upper
112 100
64 61.6 46.7 70.1
63 32.9 26.6 40.0

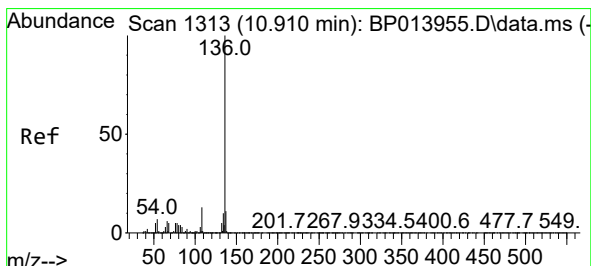
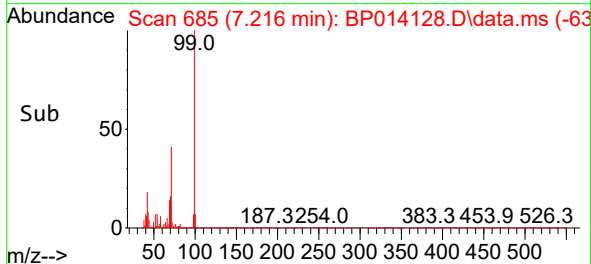
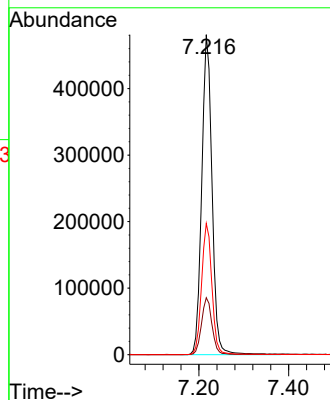
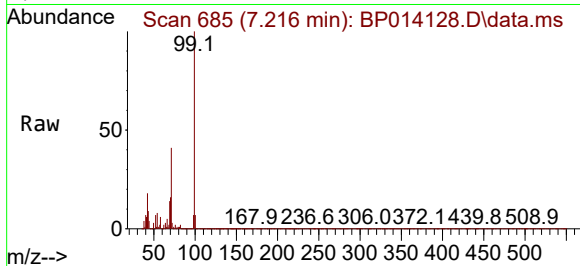




#7
Phenol-d6
Concen: 81.687 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

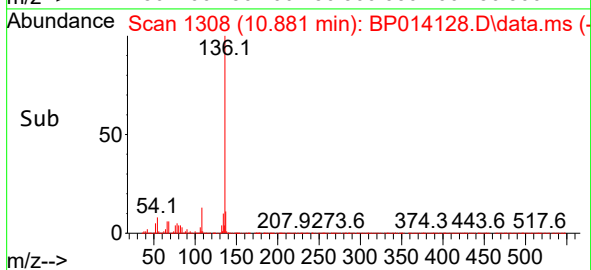
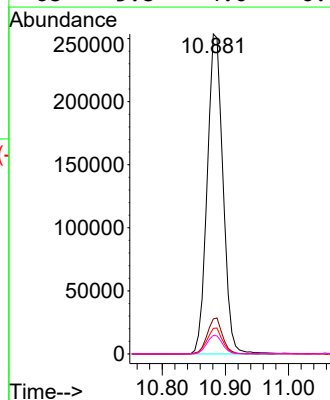
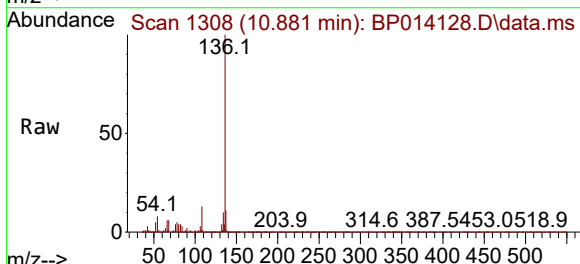
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

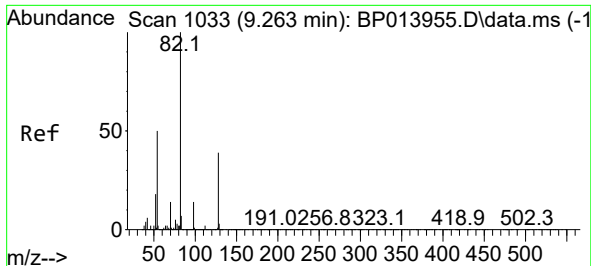
Tgt Ion: 99 Resp: 765564
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.6
71 41.0 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion: 136 Resp: 440319
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 5.8 8.8
68 5.8 4.0 6.0

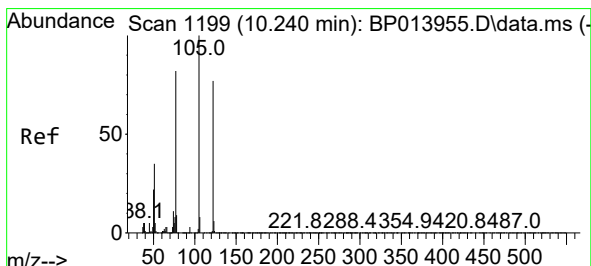
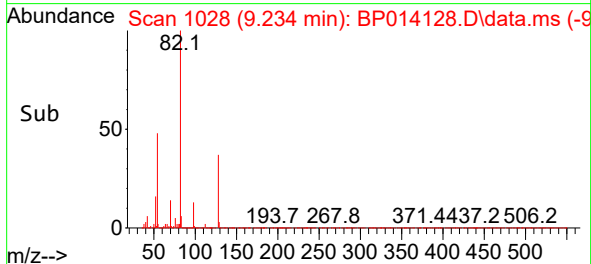
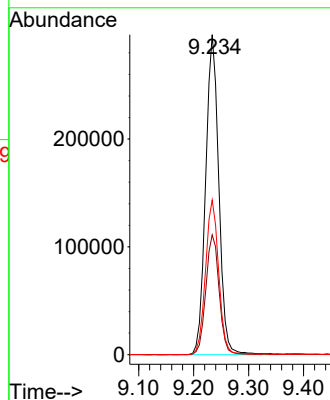
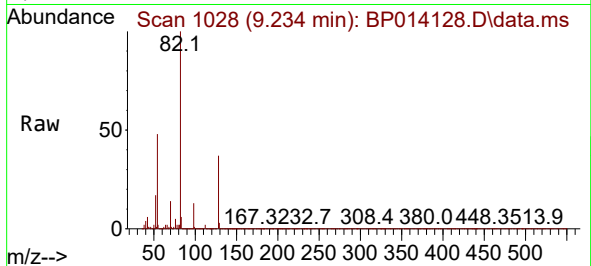




#23
Nitrobenzene-d5
Concen: 51.140 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

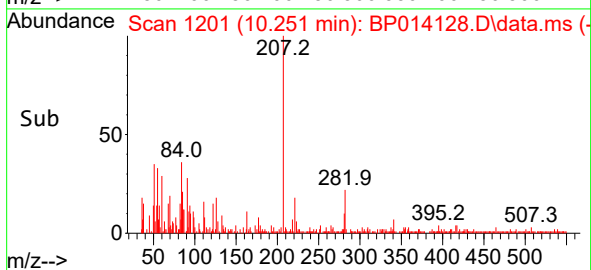
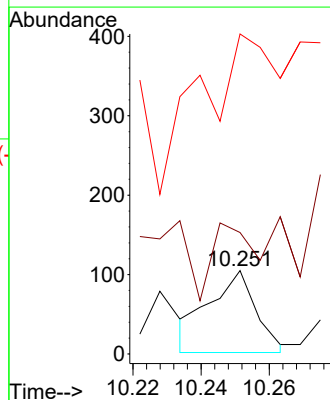
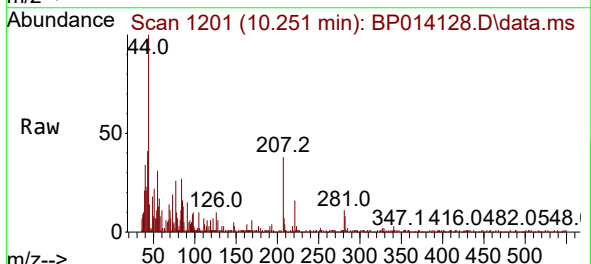
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

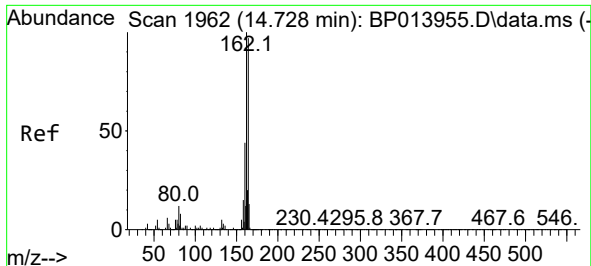
Tgt Ion: 82 Resp: 492674
Ion Ratio Lower Upper
82 100
128 37.5 31.1 46.7
54 48.3 40.0 60.0



#32
Benzoic acid
Concen: 2.717 ng
RT: 10.251 min Scan# 1201
Delta R.T. 0.023 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:122 Resp: 98
Ion Ratio Lower Upper
122 100
105 145.7 108.2 148.2
77 383.8 85.2 125.2#

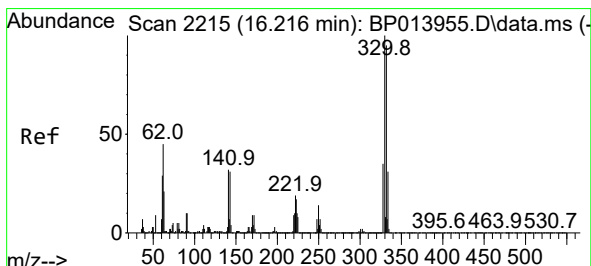
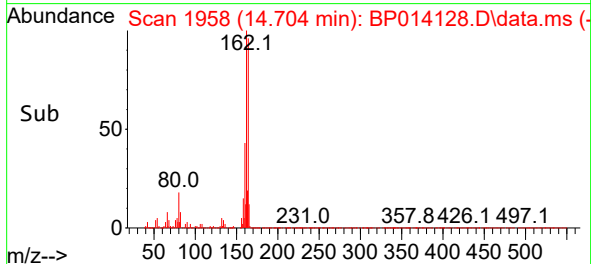
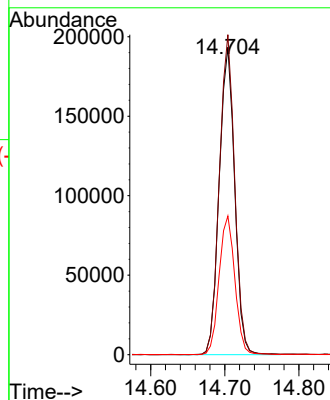
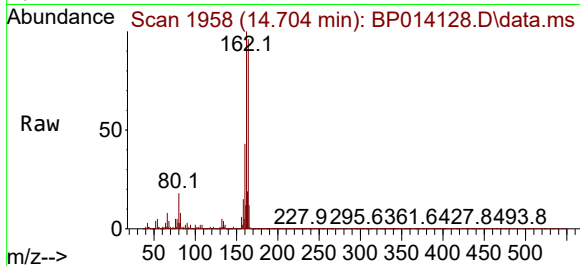




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

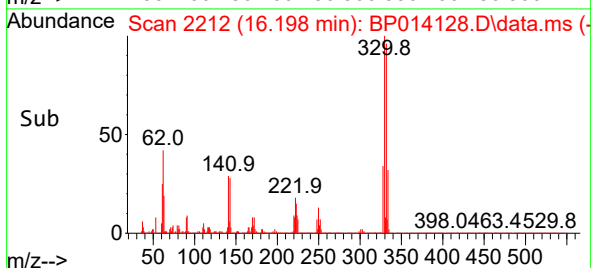
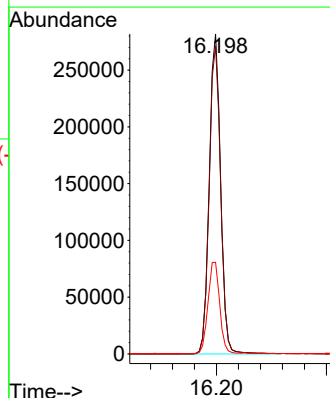
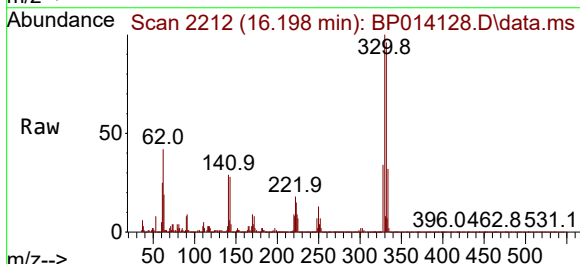
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

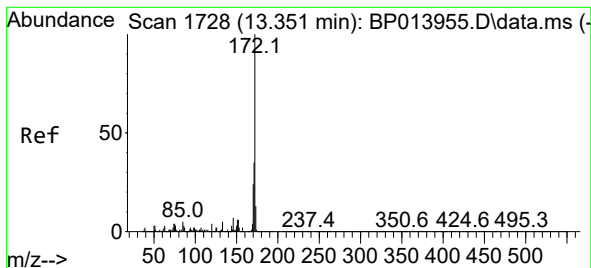
Tgt Ion:164 Resp: 279853
Ion Ratio Lower Upper
164 100
162 104.1 82.1 123.1
160 45.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 88.831 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:330 Resp: 403064
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.6 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 47.148 ng

RT: 13.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

Instrument :

BNA_P

ClientSampleId :

SV-TP5-0316

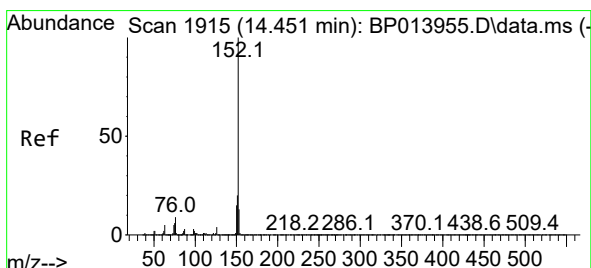
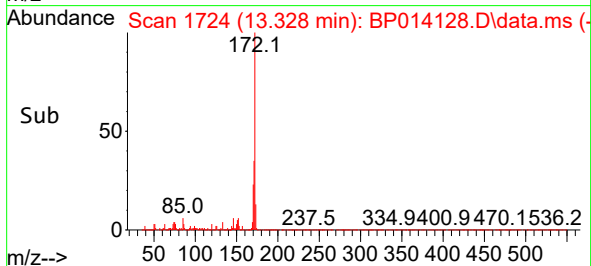
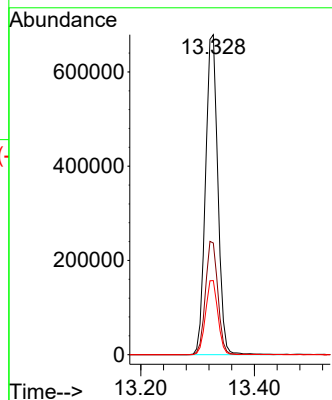
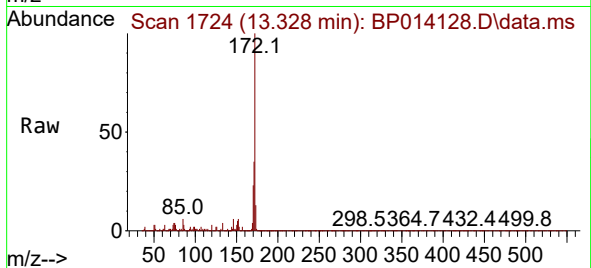
Tgt Ion:172 Resp: 1018426

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 19.0 28.4



#49

Acenaphthylene

Concen: 4.469 ng

RT: 14.428 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

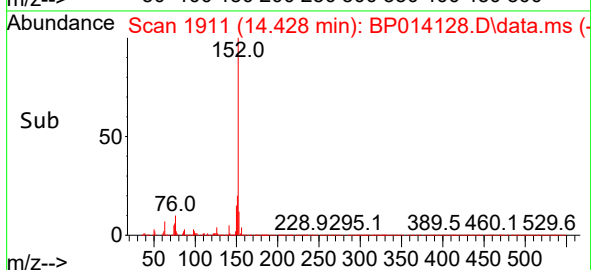
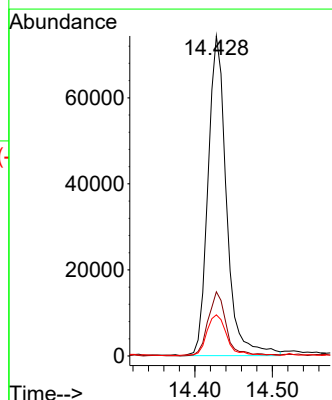
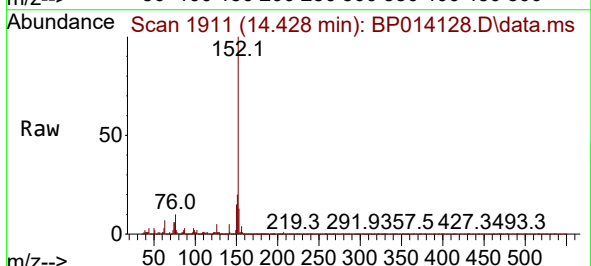
Tgt Ion:152 Resp: 123247

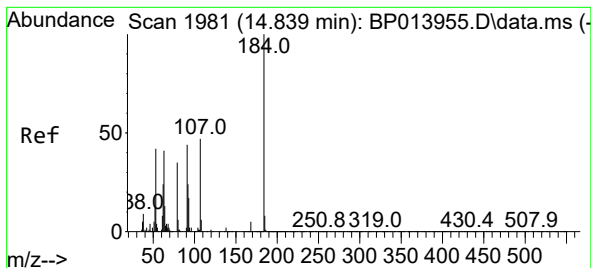
Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 12.8 10.4 15.6

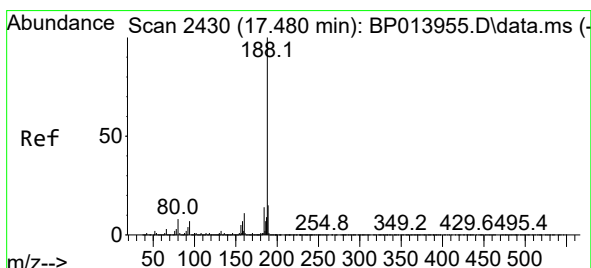
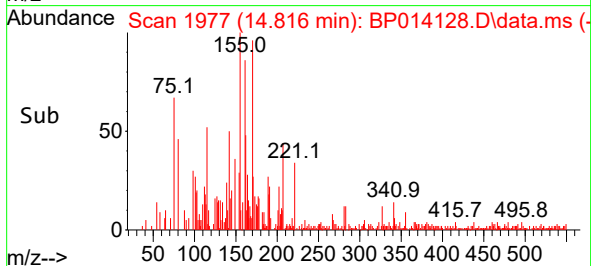
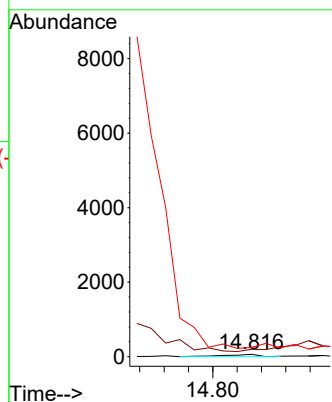
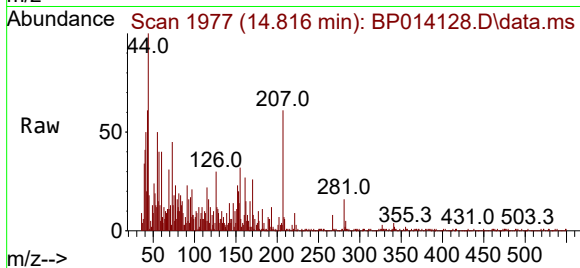




#54
2,4-Dinitrophenol
Concen: 3.095 ng
RT: 14.816 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

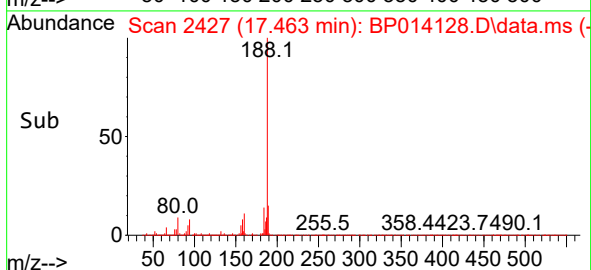
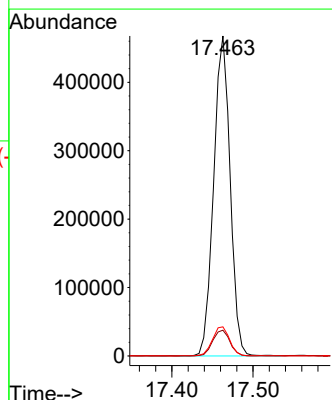
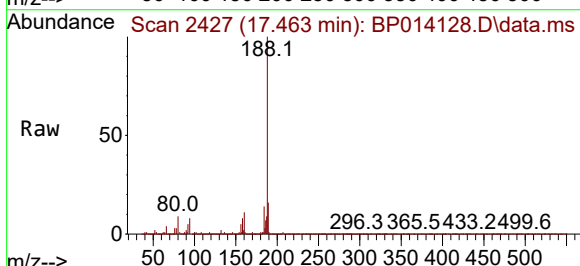
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

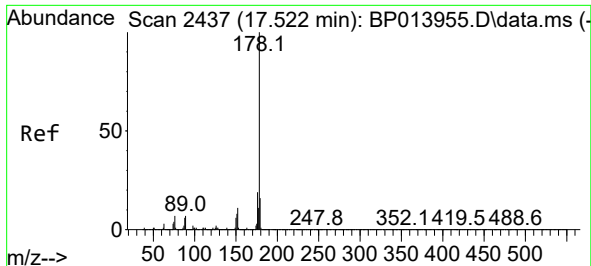
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 300.0 52.4 78.6#
154 375.8 59.4 89.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:188 Resp: 658480
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.1 6.6 9.8

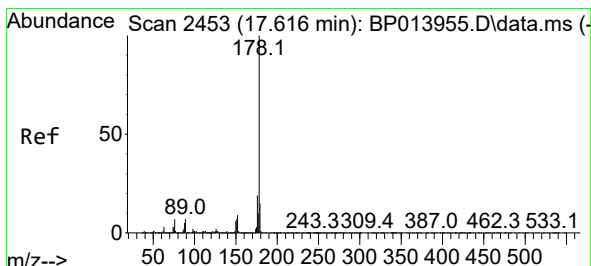
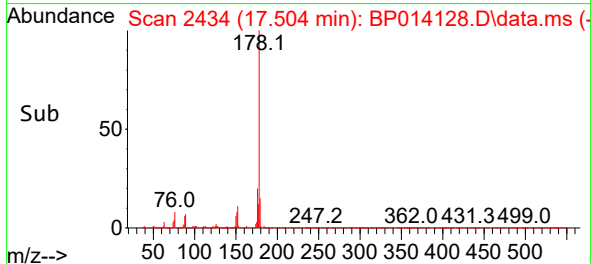
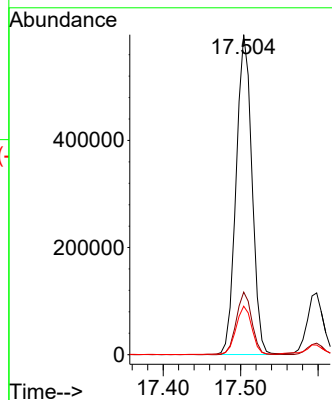
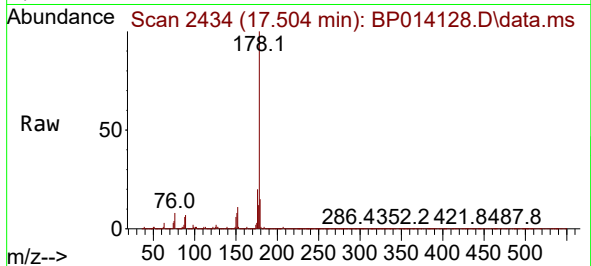




#71
Phenanthrene
Concen: 23.006 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

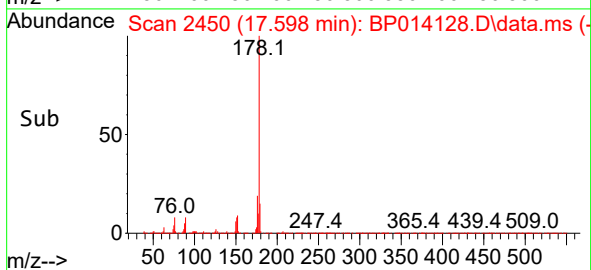
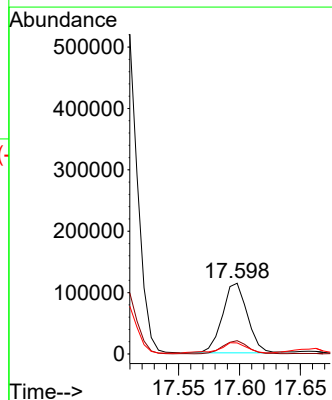
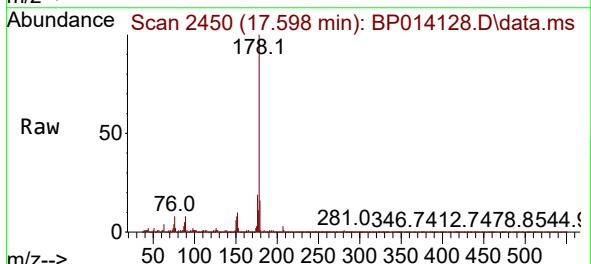
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

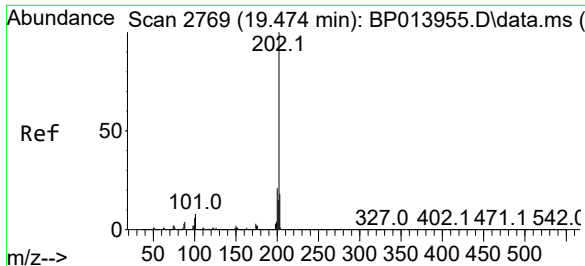
Tgt Ion:178 Resp: 846279
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.2 12.6 19.0



#72
Anthracene
Concen: 4.311 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:178 Resp: 162051
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.6 12.1 18.1

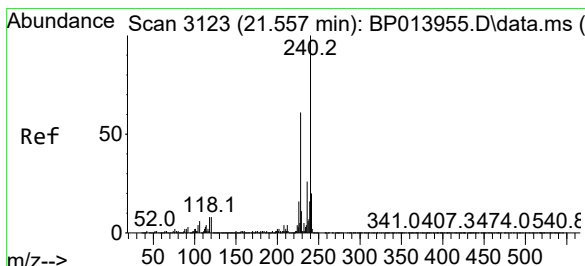
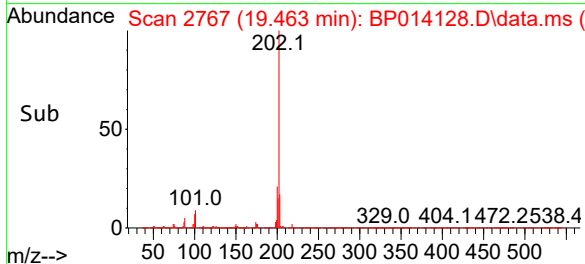
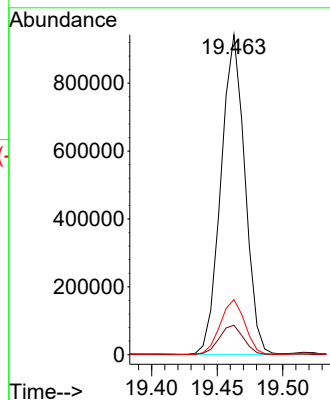
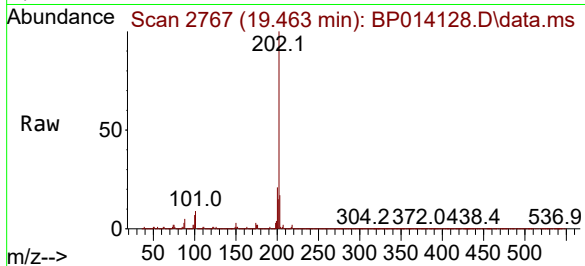




#75
Fluoranthene
Concen: 27.179 ng
RT: 19.463 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

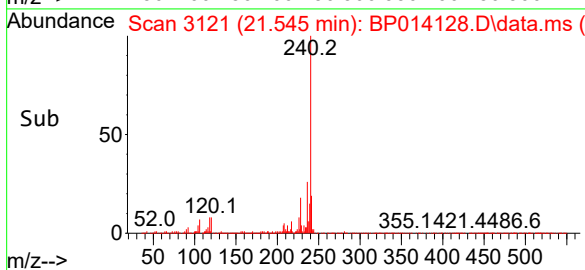
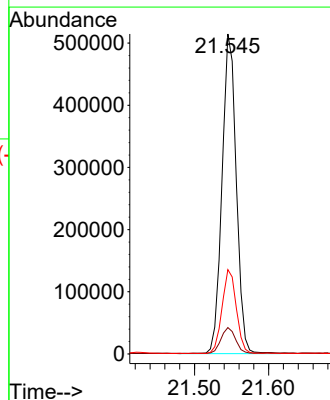
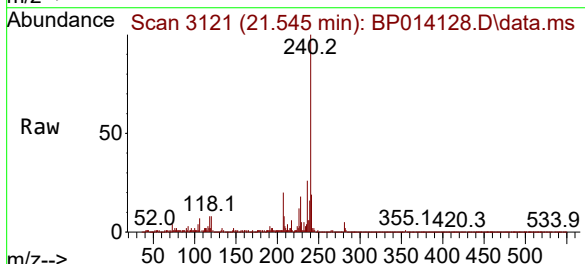
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

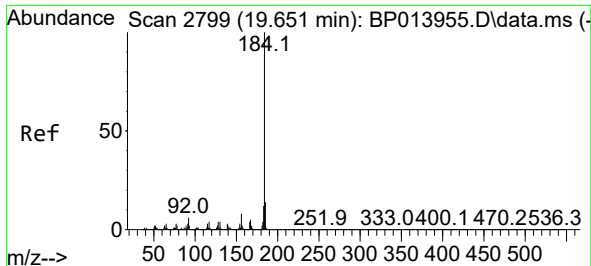
Tgt Ion:202 Resp: 1195046
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.9
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:240 Resp: 686421
Ion Ratio Lower Upper
240 100
120 8.3 6.4 9.6
236 26.4 21.2 31.8

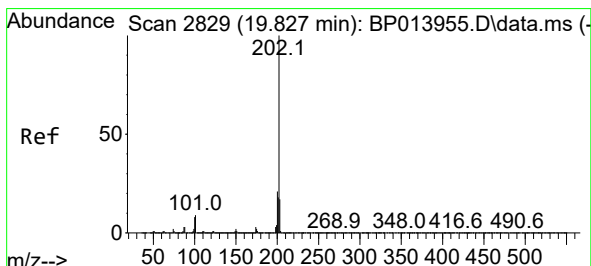
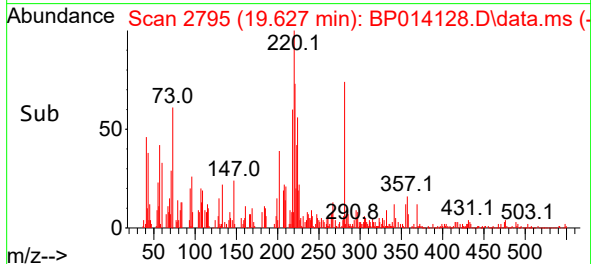
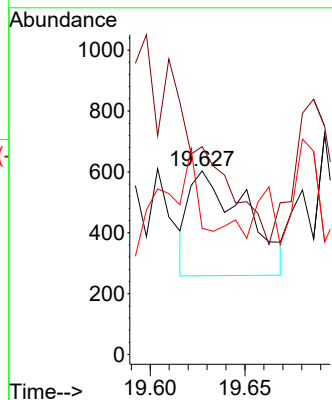
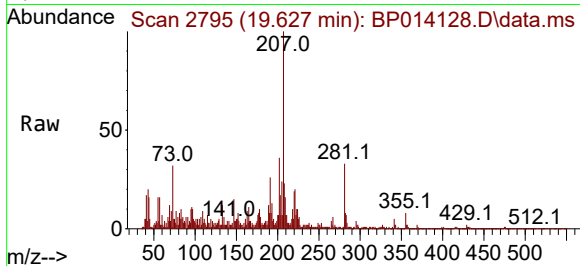




#77
Benzidine
Concen: 2.877 ng
RT: 19.627 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

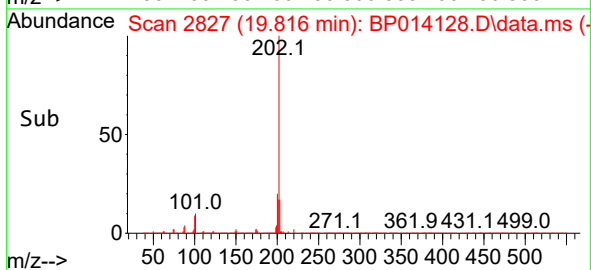
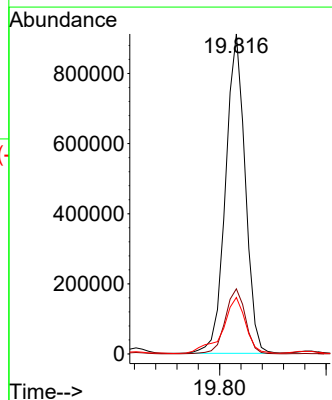
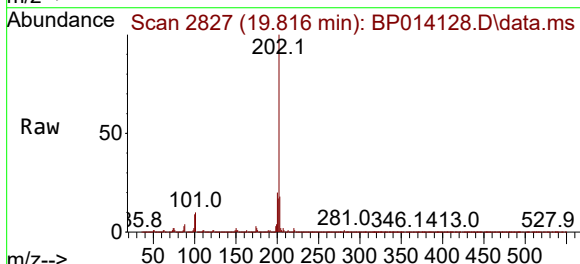
Instrument :
BNA_P
ClientSampleId :
SV-TP5-0316

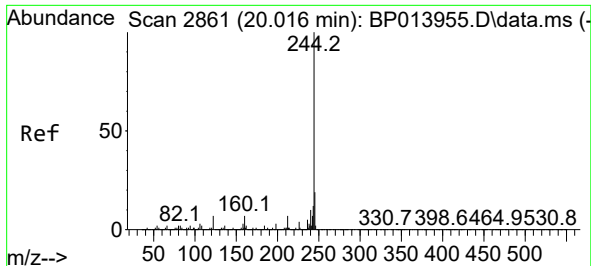
Tgt Ion:184 Resp: 709
Ion Ratio Lower Upper
184 100
185 113.3 11.6 17.4#
183 68.8 9.7 14.5#



#78
Pyrene
Concen: 22.116 ng
RT: 19.816 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP014128.D
Acq: 17 Mar 2023 19:19

Tgt Ion:202 Resp: 1165173
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 17.6 13.9 20.9

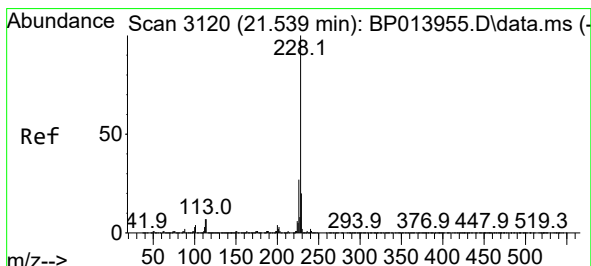
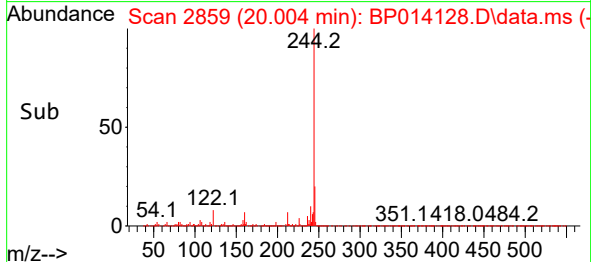
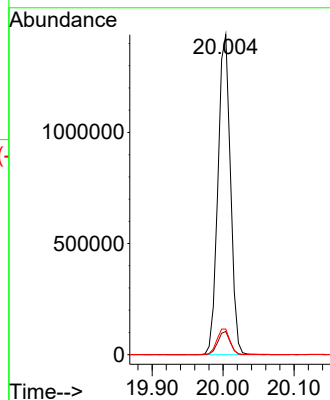
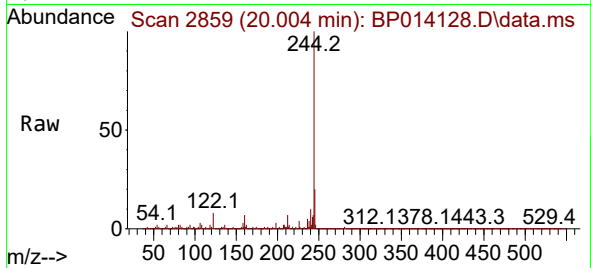




#79
 Terphenyl-d14
 Concen: 42.035 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP014128.D
 Acq: 17 Mar 2023 19:19

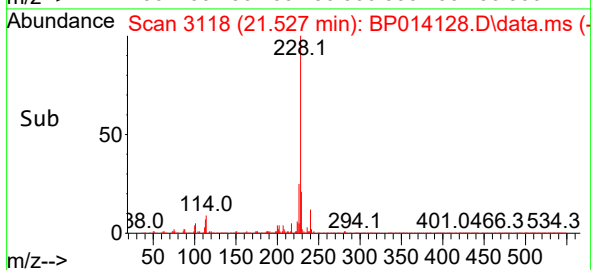
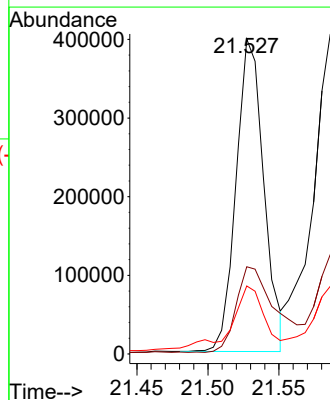
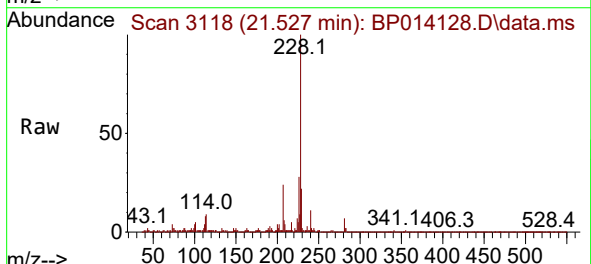
Instrument :
 BNA_P
 ClientSampleId :
 SV-TP5-0316

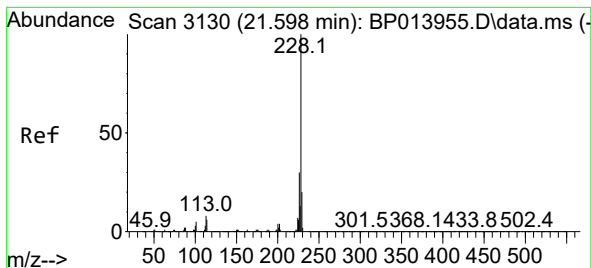
Tgt Ion:244 Resp: 1749840
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.0 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 10.766 ng
 RT: 21.527 min Scan# 3118
 Delta R.T. -0.006 min
 Lab File: BP014128.D
 Acq: 17 Mar 2023 19:19

Tgt Ion:228 Resp: 542246
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.8 32.8
 229 21.6 15.8 23.6





#83

Chrysene

Concen: 12.450 ng

RT: 21.586 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

Instrument :

BNA_P

ClientSampleId :

SV-TP5-0316

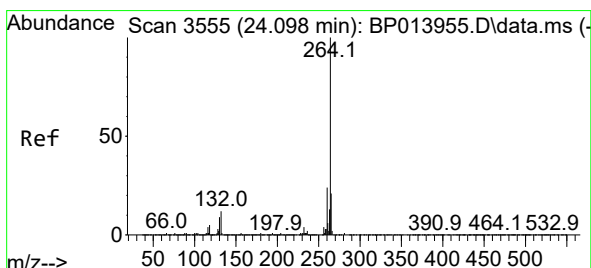
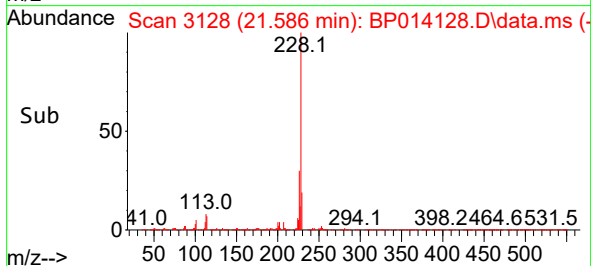
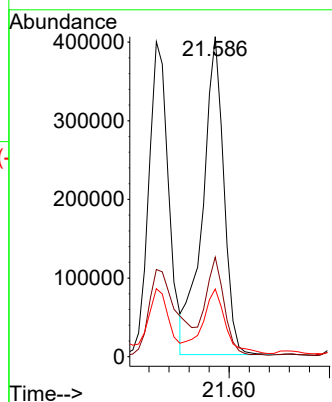
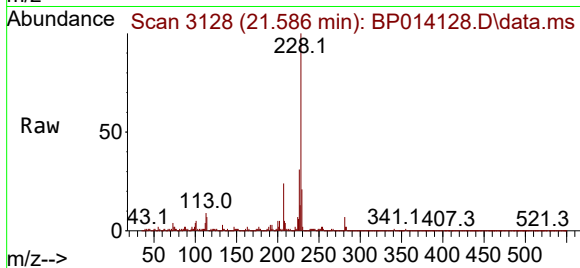
Tgt Ion:228 Resp: 593812

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 21.1 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.086 min Scan# 3553

Delta R.T. -0.000 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

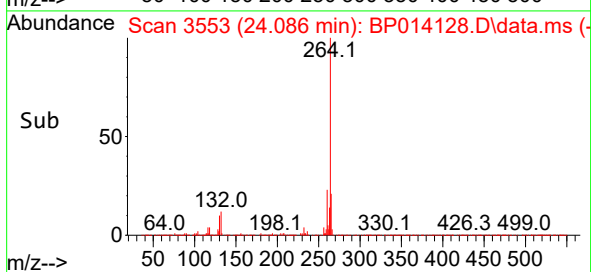
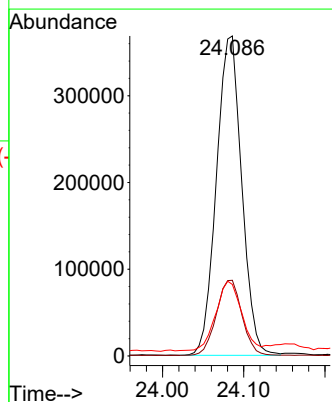
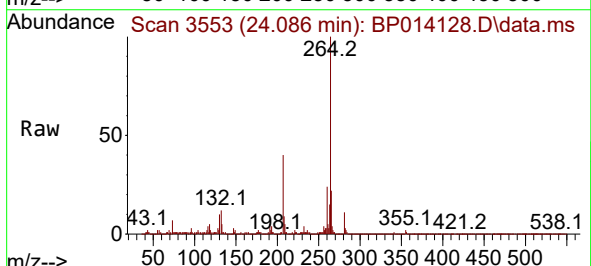
Tgt Ion:264 Resp: 797354

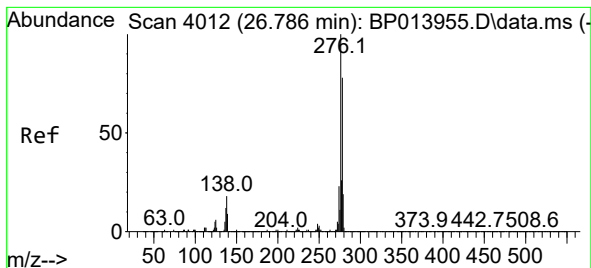
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.146 ng

RT: 26.745 min Scan# 4012

Delta R.T. -0.018 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

Instrument :

BNA_P

ClientSampleId :

SV-TP5-0316

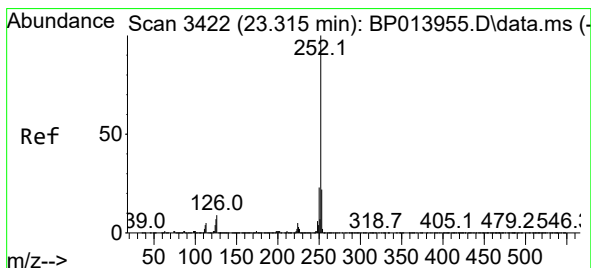
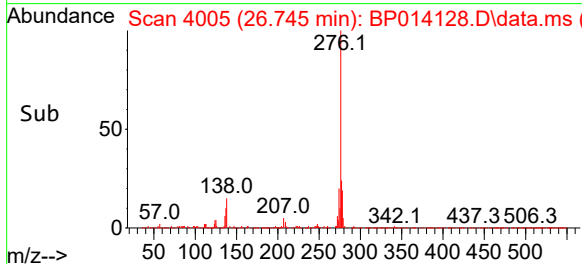
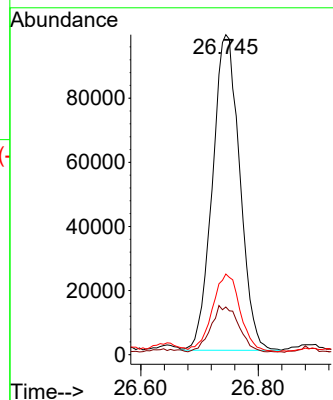
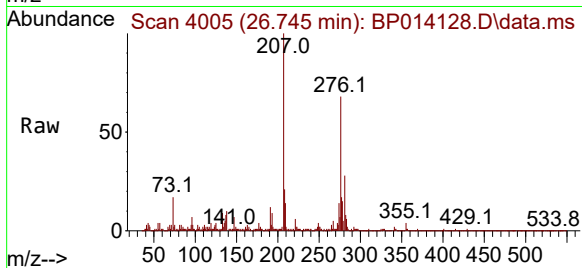
Tgt Ion:276 Resp: 317030

Ion Ratio Lower Upper

276 100

138 14.9 13.8 20.8

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 12.145 ng

RT: 23.304 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

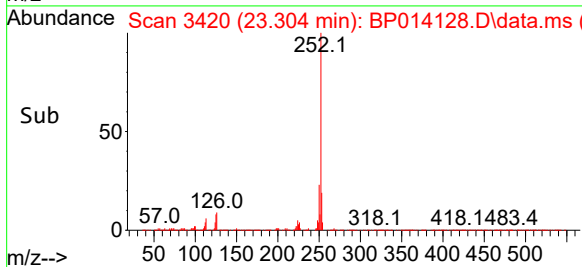
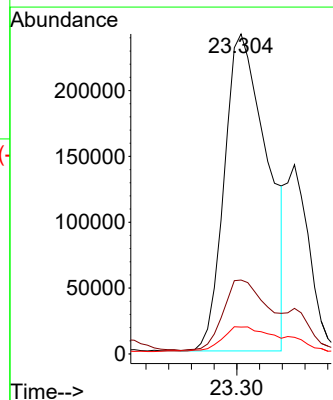
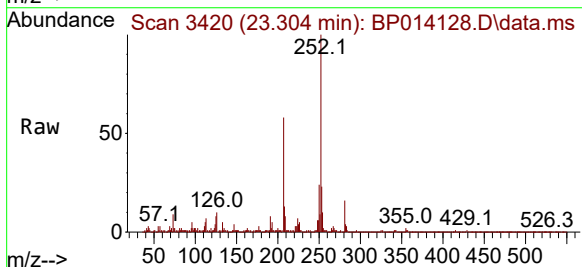
Tgt Ion:252 Resp: 634080

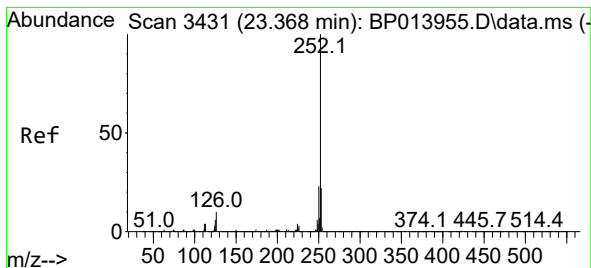
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 8.4 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 12.249 ng

RT: 23.304 min Scan# 34

Delta R.T. -0.059 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

Instrument :

BNA_P

ClientSampleId :

SV-TP5-0316

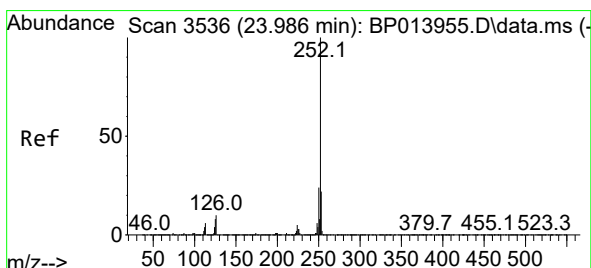
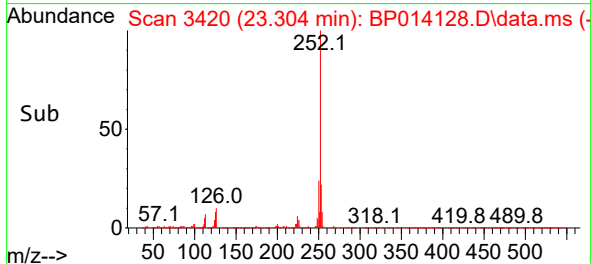
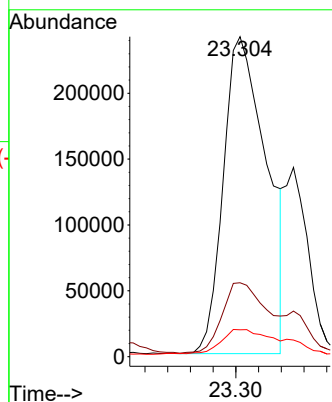
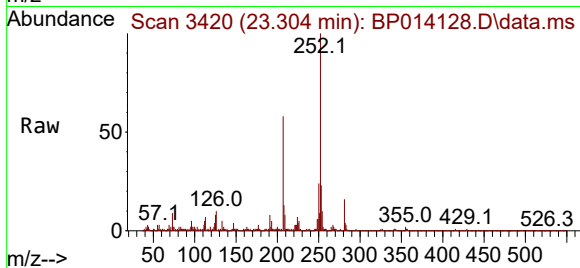
Tgt Ion:252 Resp: 634080

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 8.4 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 9.395 ng

RT: 23.968 min Scan# 3533

Delta R.T. -0.006 min

Lab File: BP014128.D

Acq: 17 Mar 2023 19:19

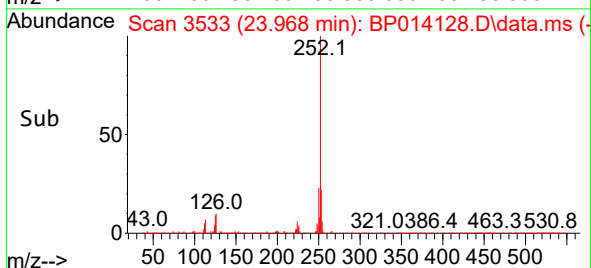
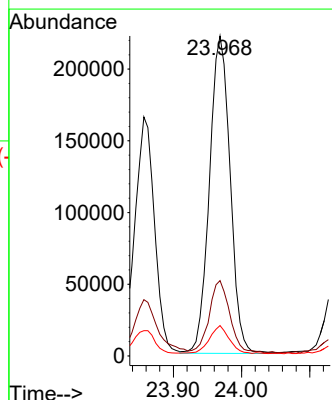
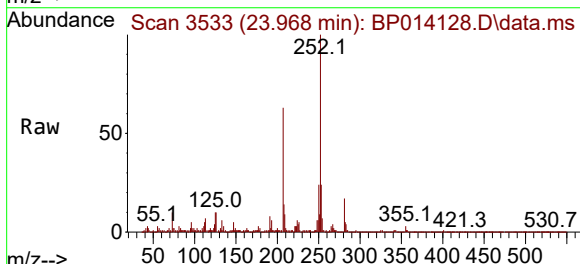
Tgt Ion:252 Resp: 467862

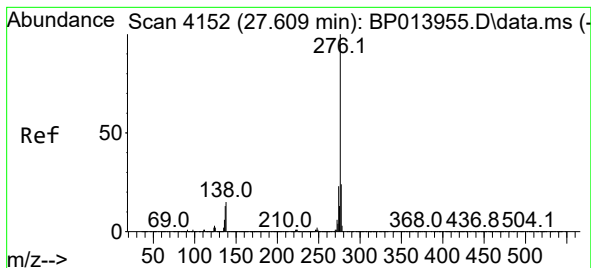
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 9.5 6.2 9.4#





#92

Benzo(g,h,i)perylene

Concen: 6.247 ng

RT: 27.574 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP014128.D

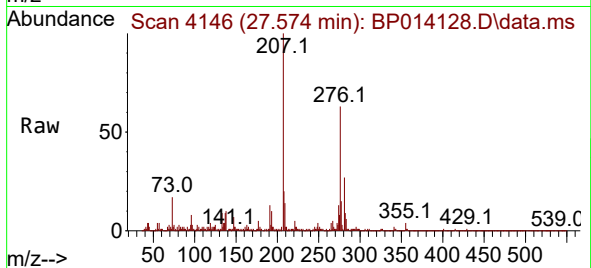
Acq: 17 Mar 2023 19:19

Instrument :

BNA_P

ClientSampleId :

SV-TP5-0316



Tgt Ion:276 Resp: 317114

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 16.2 12.2 18.4

