

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013453.D
 Acq On : 11 Jan 2023 20:29
 Operator : CG/JU
 Sample : 01064-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-14-03

Quant Time: Jan 12 02:20:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 02:16:32 2023
 Response via : Initial Calibration

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

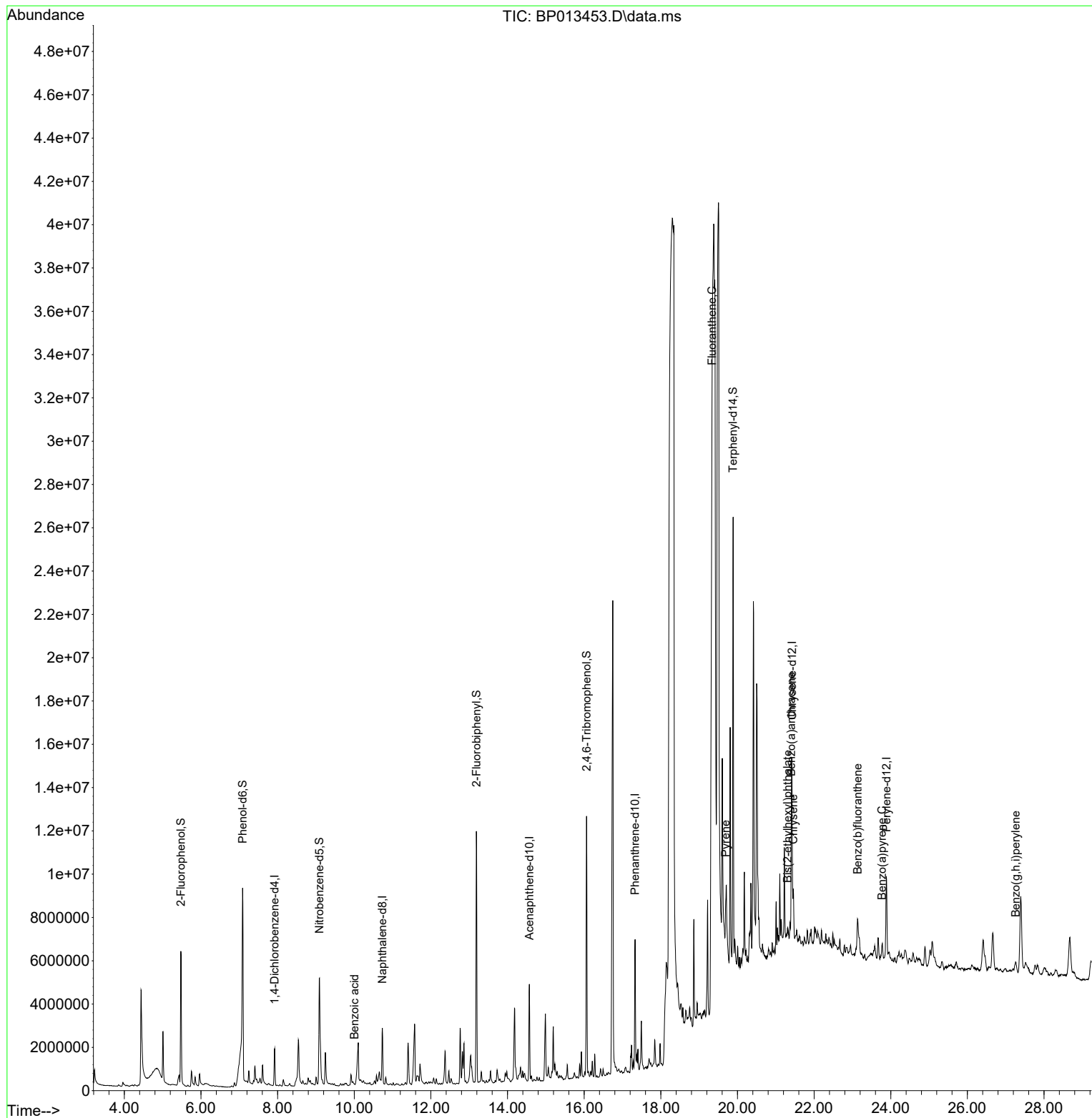
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	456316	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2088753	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1505100	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3695519	20.000	ng	0.01
76) Chrysene-d12	21.422	240	2997582	20.000	ng	0.01
86) Perylene-d12	23.886	264	3066416	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2709465	108.490	ng	0.00
7) Phenol-d6	7.087	99	3806070	116.697	ng	0.01
23) Nitrobenzene-d5	9.093	82	2227254	58.458	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	2437998	134.349	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	5965294	53.814	ng	0.00
79) Terphenyl-d14	19.886	244	10714410	70.517	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.005	122	13849	4.909	ng	# 83
75) Fluoranthene	19.333	202	1238484	5.472	ng	91
78) Pyrene	19.692	202	1303520	6.052	ng	99
81) Benzo(a)anthracene	21.404	228	985862	4.812	ng	99
83) Chrysene	21.457	228	1189407	5.951	ng	97
84) Bis(2-ethylhexyl)phtha...	21.310	149	180792	4.385	ng	# 94
88) Benzo(b)fluoranthene	23.133	252	1571960	7.962	ng	# 94
90) Benzo(a)pyrene	23.774	252	647686	3.909	ng	# 86
92) Benzo(g,h,i)perylene	27.257	276	680268	3.297	ng	# 92

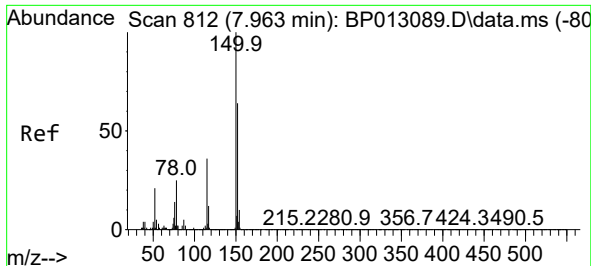
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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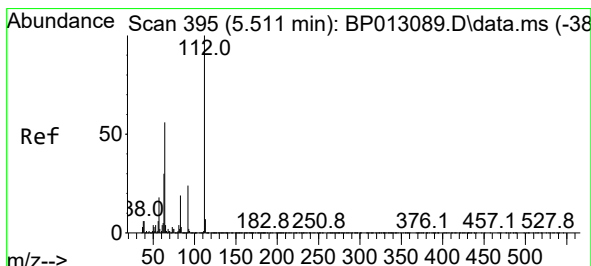
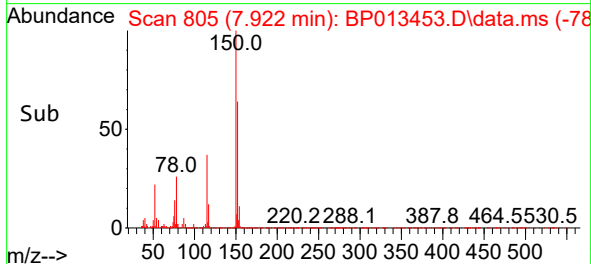
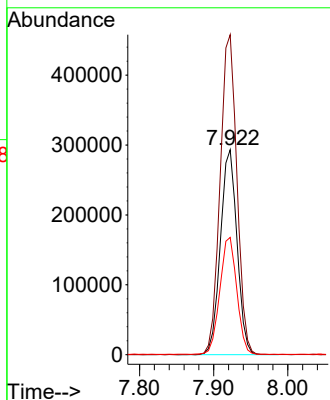
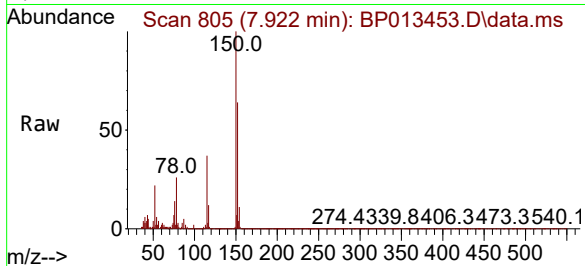




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

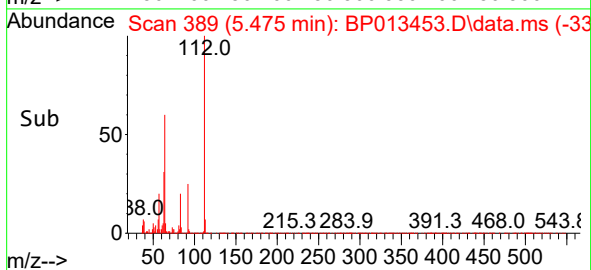
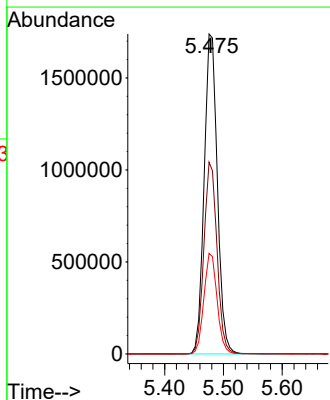
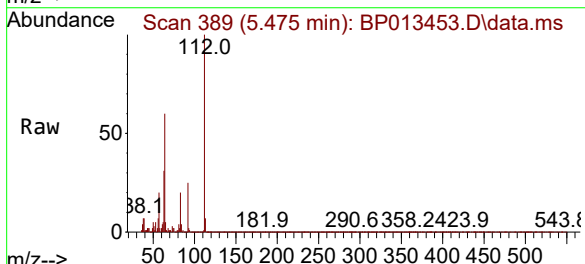
Instrument :
BNA_P
ClientSampleId :
S-14-03

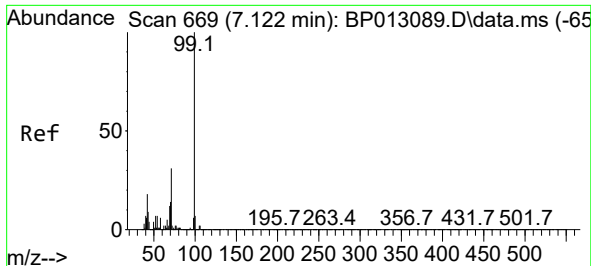
Tgt Ion:152 Resp: 456316
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 57.2 45.6 68.4



#5
2-Fluorophenol
Concen: 108.490 ng
RT: 5.475 min Scan# 389
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

Tgt Ion:112 Resp: 2709465
Ion Ratio Lower Upper
112 100
64 59.9 45.1 67.7
63 31.4 23.8 35.6

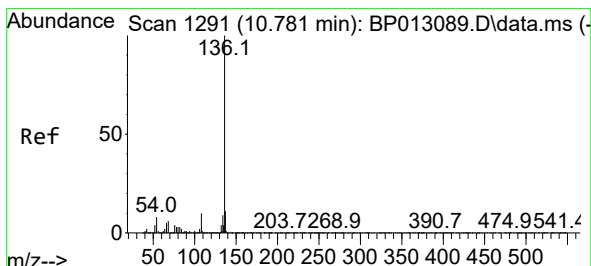
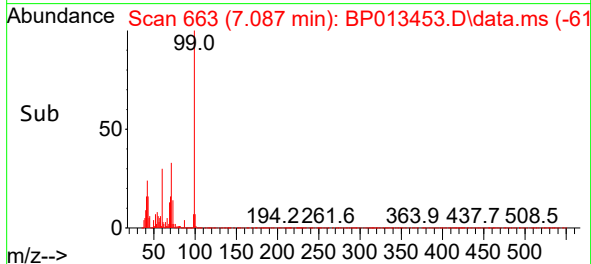
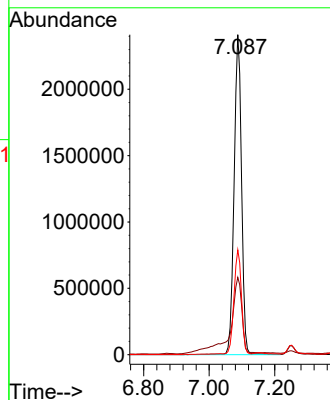
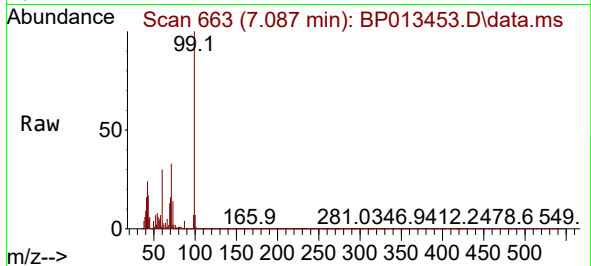




#7
Phenol-d6
Concen: 116.697 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

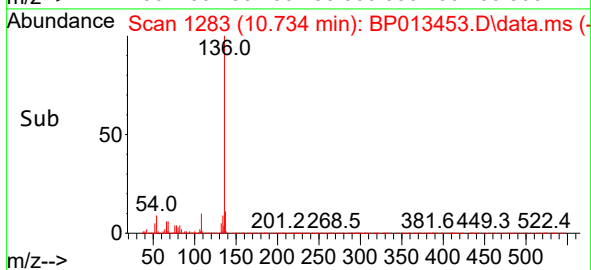
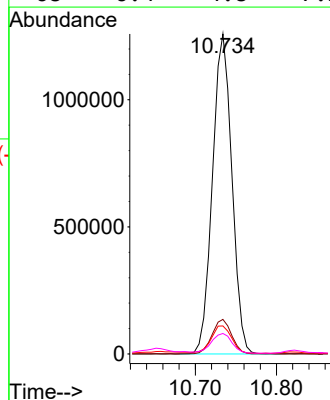
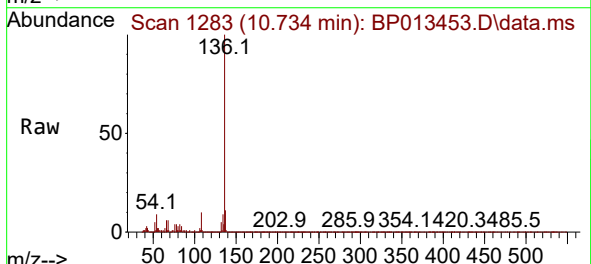
Instrument :
BNA_P
ClientSampleId :
S-14-03

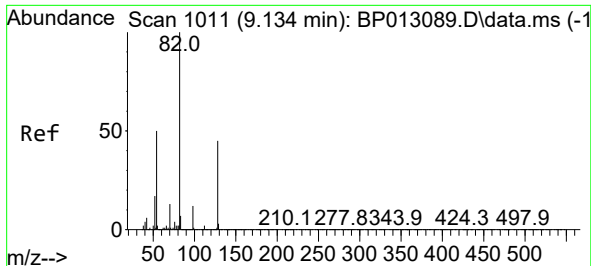
Tgt Ion: 99 Resp: 3806070
Ion Ratio Lower Upper
99 100
42 24.1 14.2 21.4#
71 32.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

Tgt Ion: 136 Resp: 2088753
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.7 6.2 9.4
68 6.4 4.8 7.2

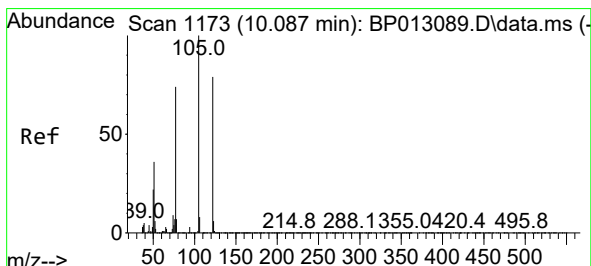
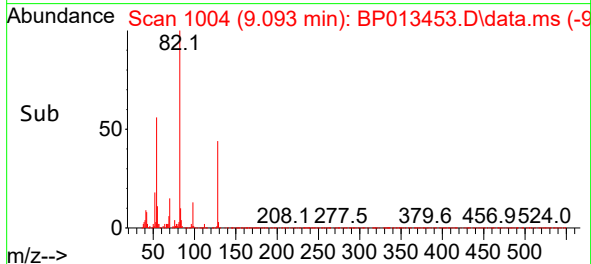
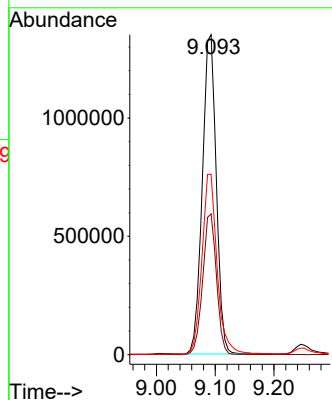
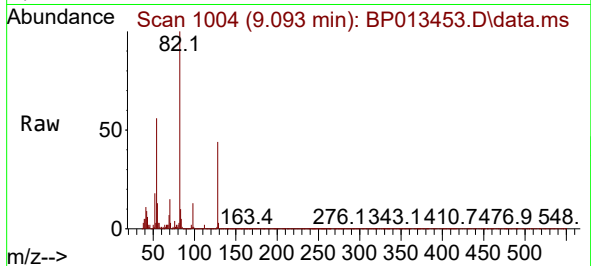




#23
Nitrobenzene-d5
Concen: 58.458 ng
RT: 9.093 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

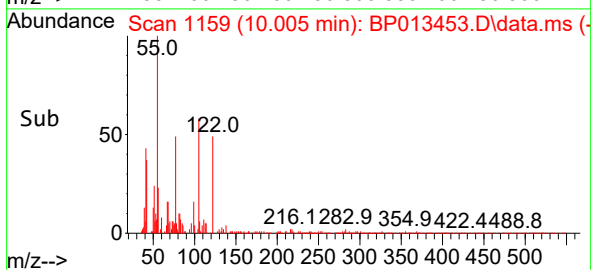
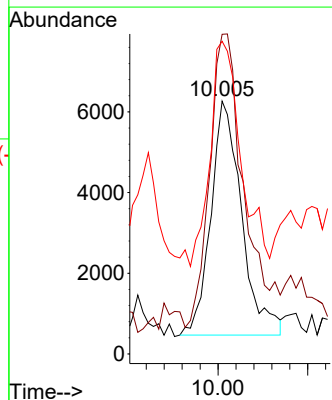
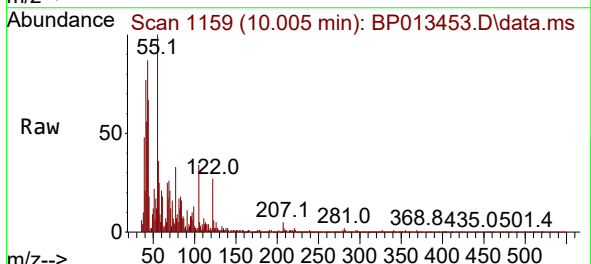
Instrument :
BNA_P
ClientSampleId :
S-14-03

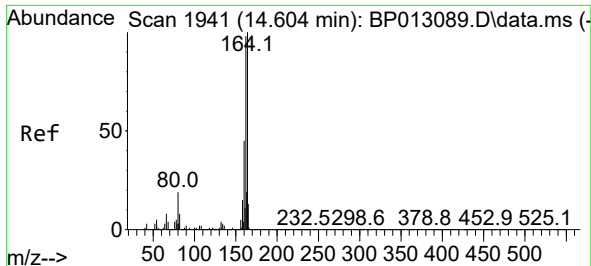
Tgt Ion: 82 Resp: 2227254
Ion Ratio Lower Upper
82 100
128 44.0 35.9 53.9
54 56.4 40.4 60.6



#32
Benzoic acid
Concen: 4.909 ng
RT: 10.005 min Scan# 1159
Delta R.T. -0.023 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

Tgt Ion:122 Resp: 13849
Ion Ratio Lower Upper
122 100
105 126.5 101.9 141.9
77 123.7 71.7 111.7#

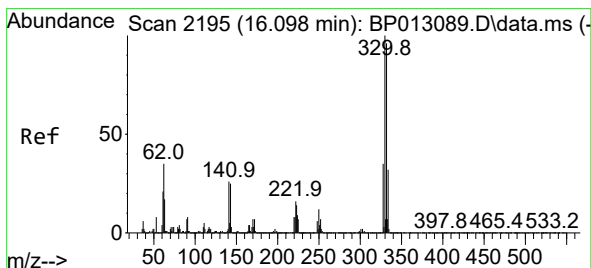
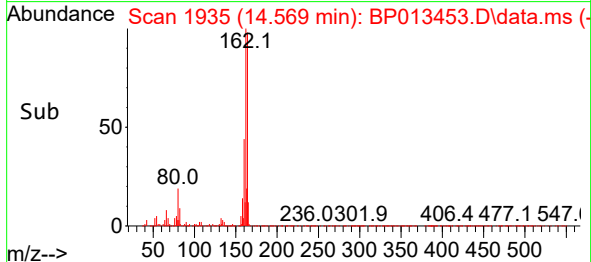
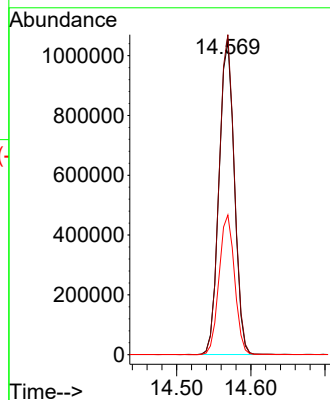
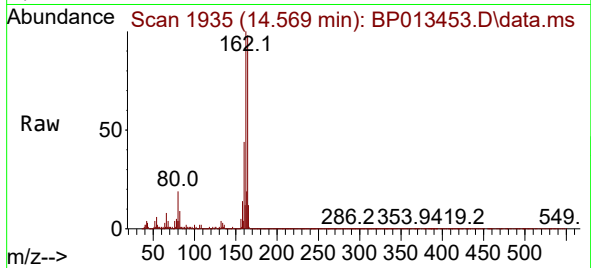




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

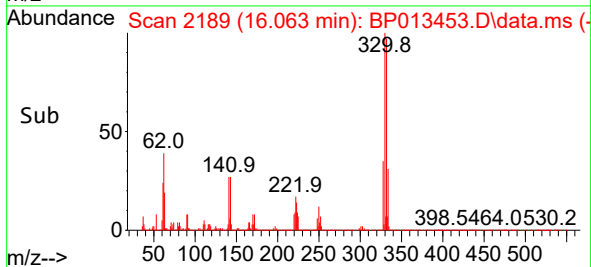
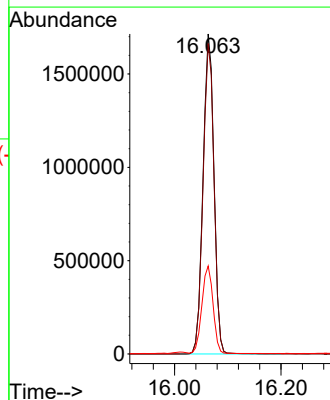
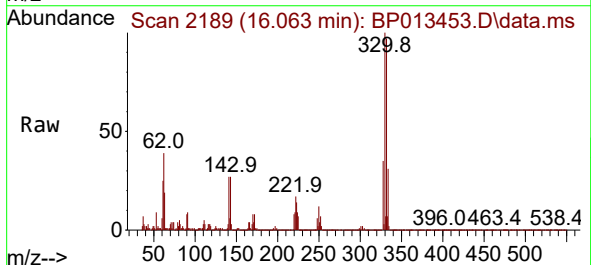
Instrument :
BNA_P
ClientSampleId :
S-14-03

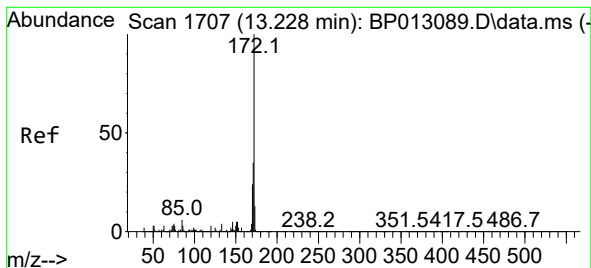
Tgt Ion:164 Resp: 1505100
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 44.6 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 134.349 ng
RT: 16.063 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

Tgt Ion:330 Resp: 2437998
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 27.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 53.814 ng

RT: 13.187 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

Instrument :

BNA_P

ClientSampleId :

S-14-03

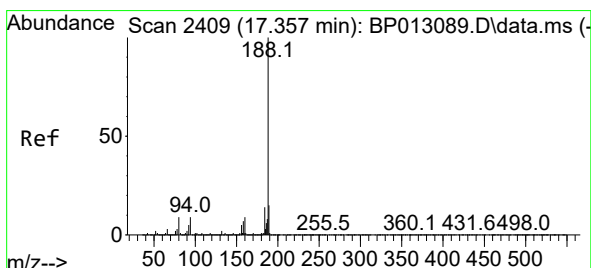
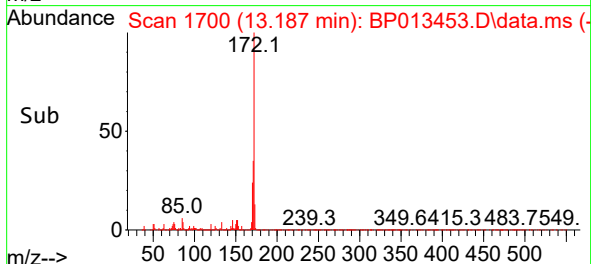
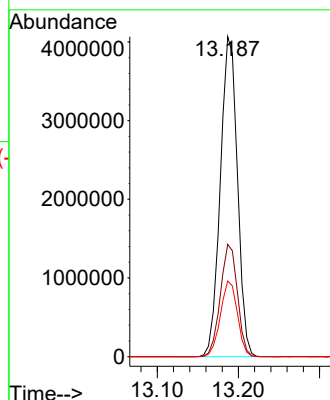
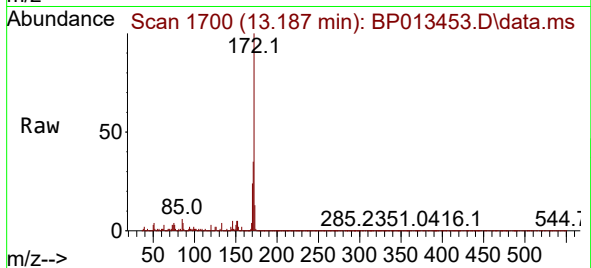
Tgt Ion:172 Resp: 5965294

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 19.2 28.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 2404

Delta R.T. 0.012 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

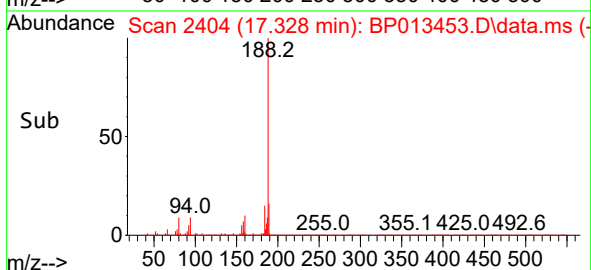
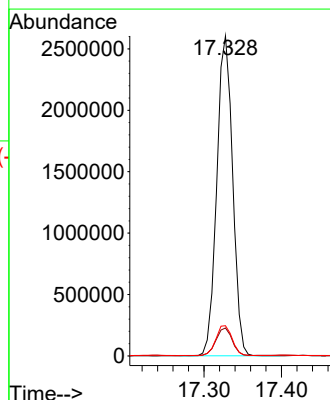
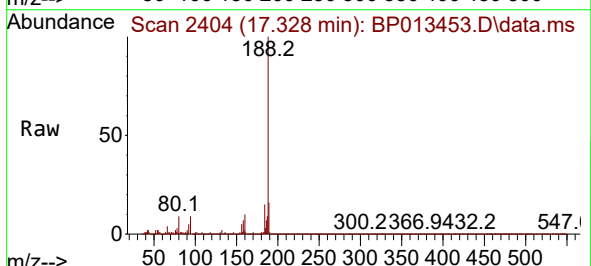
Tgt Ion:188 Resp: 3695519

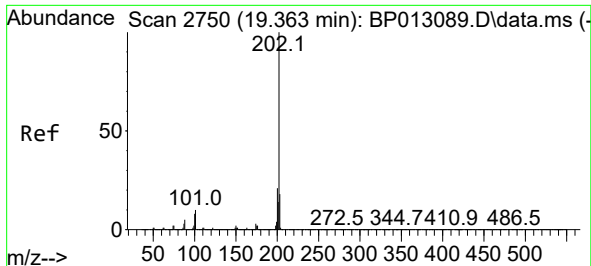
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.4 7.5 11.3

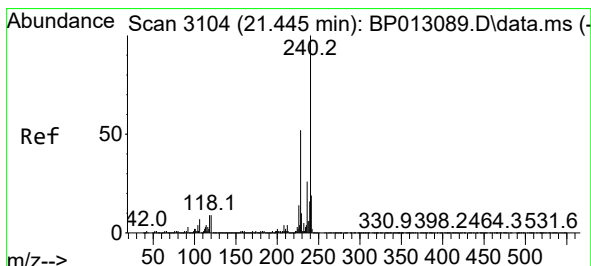
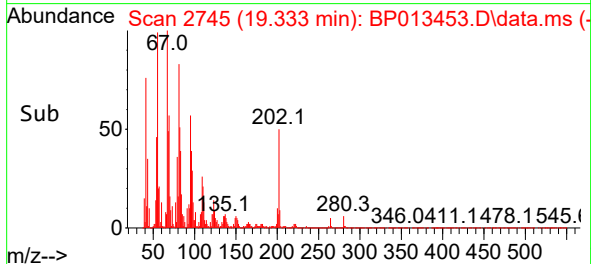
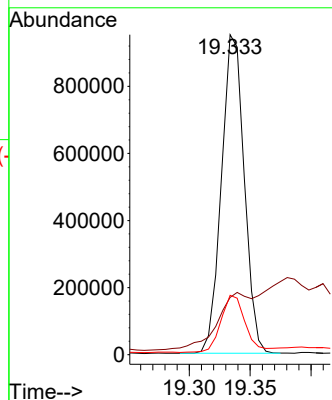
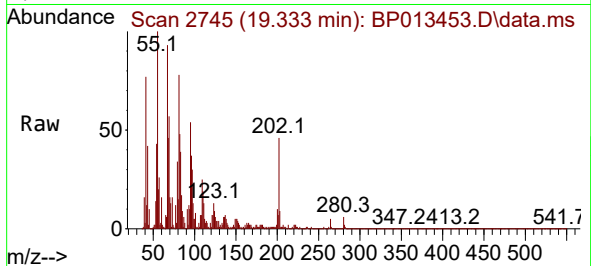




#75
Fluoranthene
Concen: 5.472 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

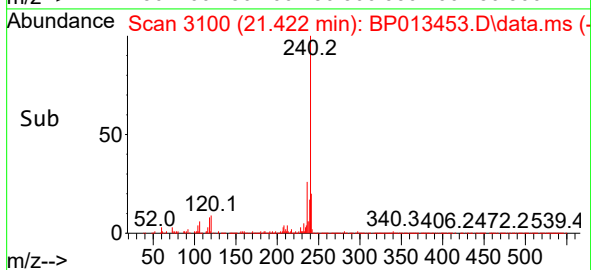
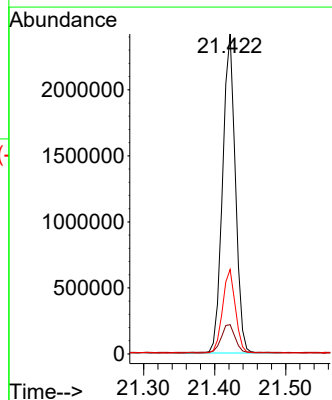
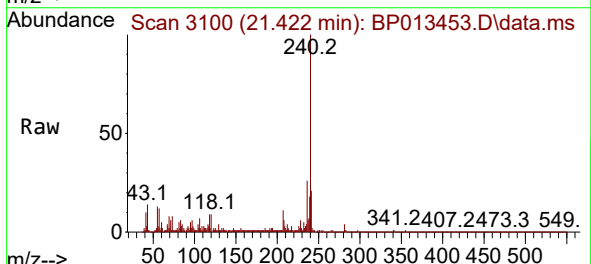
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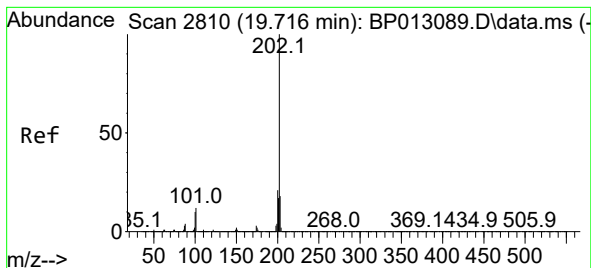
Tgt Ion:202 Resp: 1238484
Ion Ratio Lower Upper
202 100
101 17.9 0.0 30.0
203 18.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.422 min Scan# 3100
Delta R.T. 0.012 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

Tgt Ion:240 Resp: 2997582
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 26.4 21.0 31.4





#78

Pyrene

Concen: 6.052 ng

RT: 19.692 min Scan# 2806

Delta R.T. 0.012 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

Instrument :

BNA_P

ClientSampleId :

S-14-03

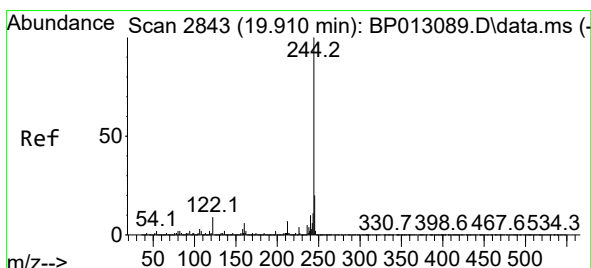
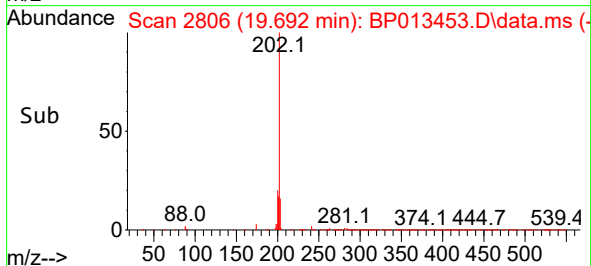
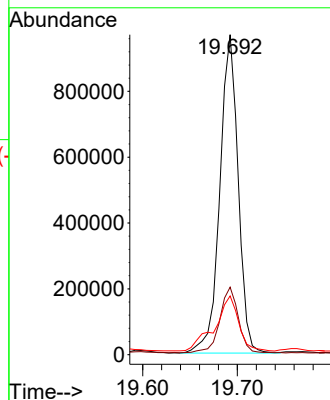
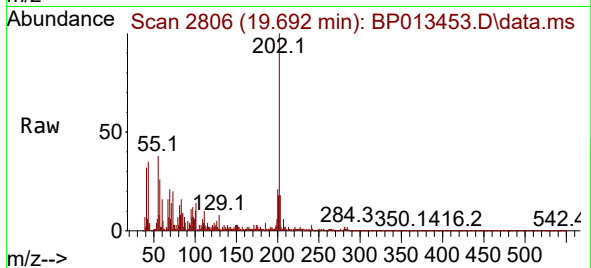
Tgt Ion:202 Resp: 1303520

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 18.4 14.2 21.2



#79

Terphenyl-d14

Concen: 70.517 ng

RT: 19.886 min Scan# 2839

Delta R.T. 0.012 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

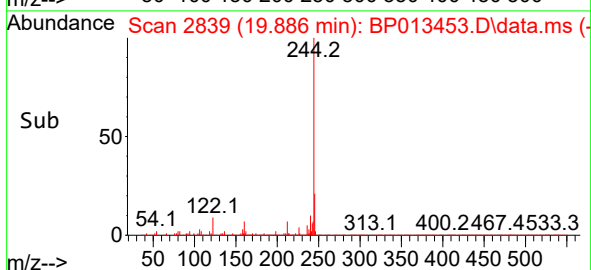
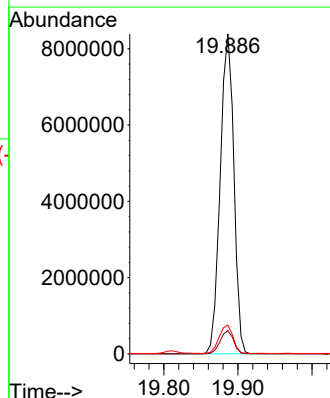
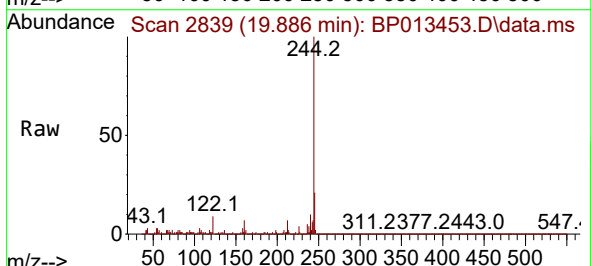
Tgt Ion:244 Resp:10714410

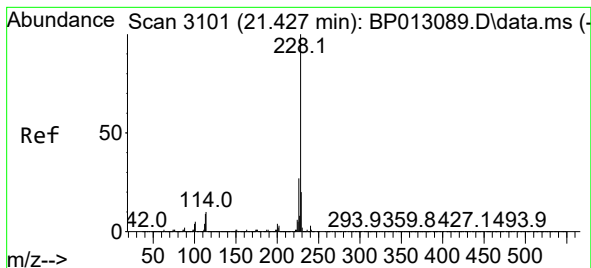
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 9.1 7.2 10.8





#81

Benzo(a)anthracene

Concen: 4.812 ng

RT: 21.404 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

Instrument :

BNA_P

ClientSampleId :

S-14-03

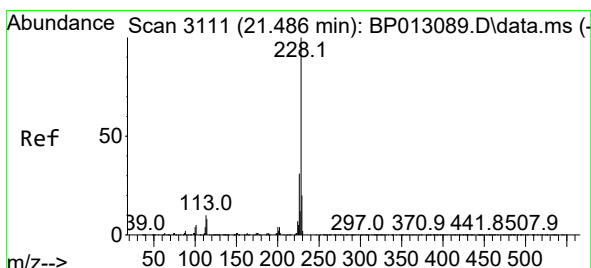
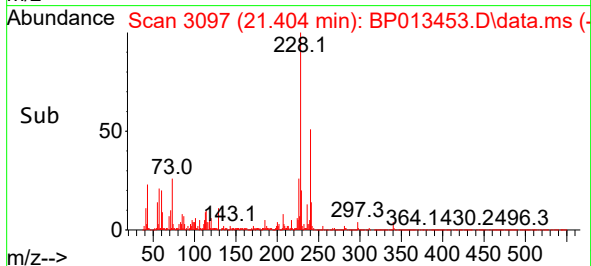
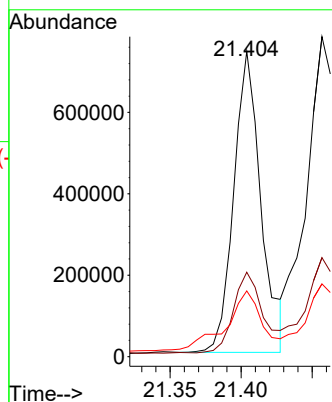
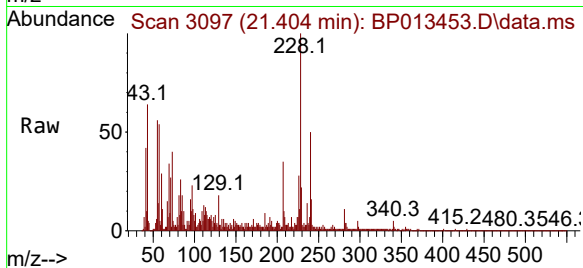
Tgt Ion:228 Resp: 985862

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 21.5 16.2 24.4



#83

Chrysene

Concen: 5.951 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

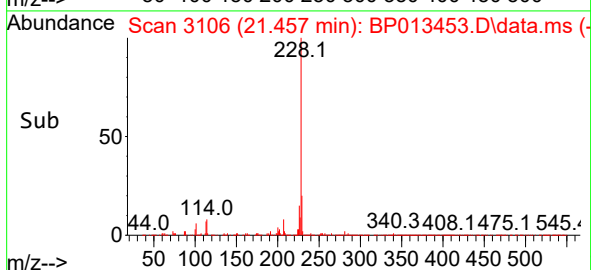
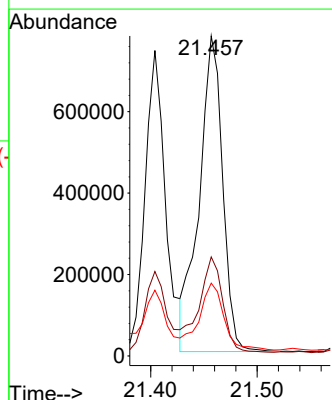
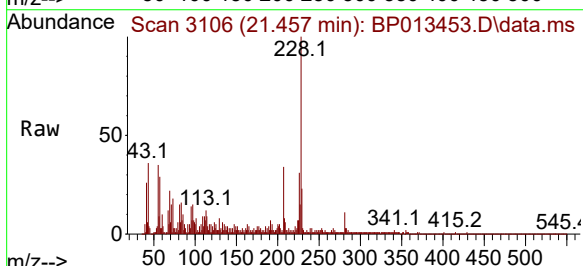
Tgt Ion:228 Resp: 1189407

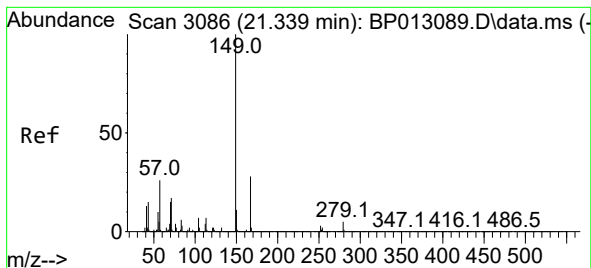
Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 22.7 16.0 24.0

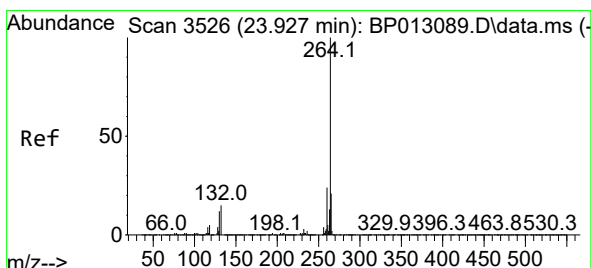
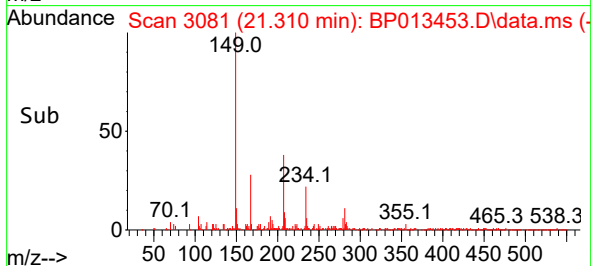
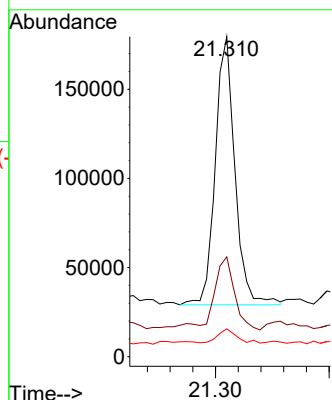
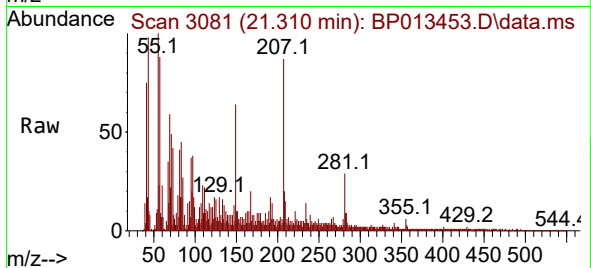




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.385 ng
RT: 21.310 min Scan# 3086
Delta R.T. 0.006 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

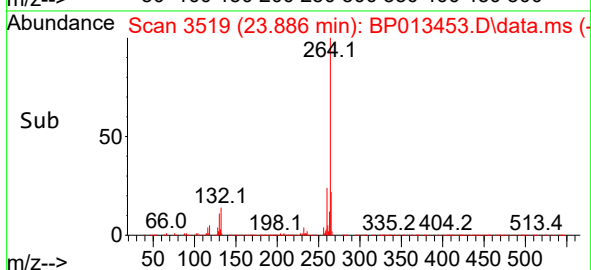
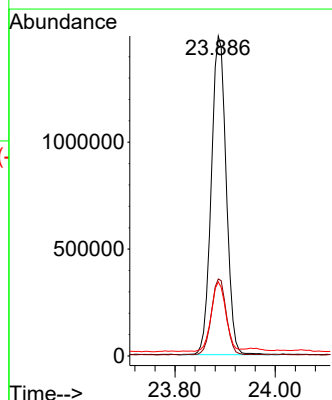
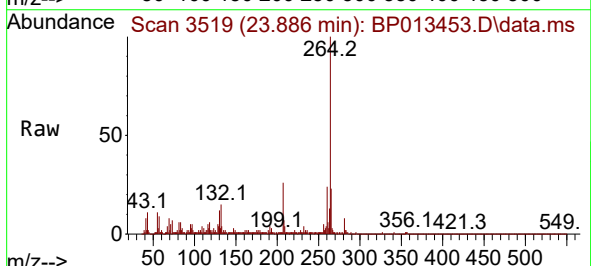
Instrument :
BNA_P
ClientSampleId :
S-14-03

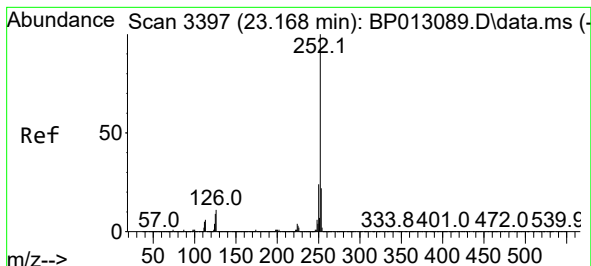
Tgt Ion:149 Resp: 180792
Ion Ratio Lower Upper
149 100
167 31.2 22.6 34.0
279 8.7 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.886 min Scan# 3519
Delta R.T. 0.018 min
Lab File: BP013453.D
Acq: 11 Jan 2023 20:29

Tgt Ion:264 Resp: 3066416
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 23.2 17.7 26.5





#88

Benzo(b)fluoranthene

Concen: 7.962 ng

RT: 23.133 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

Instrument :

BNA_P

ClientSampleId :

S-14-03

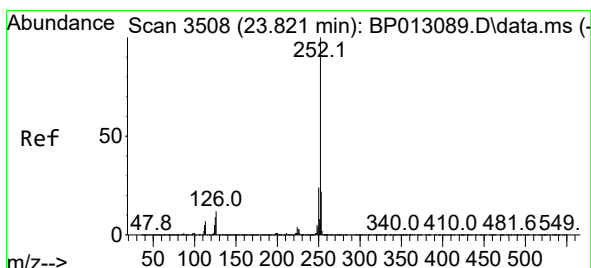
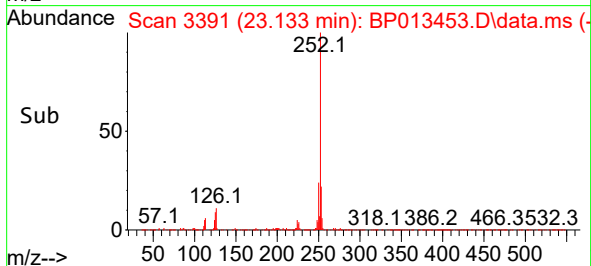
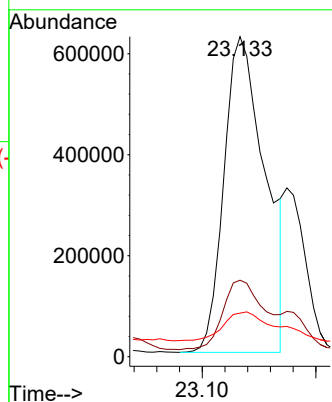
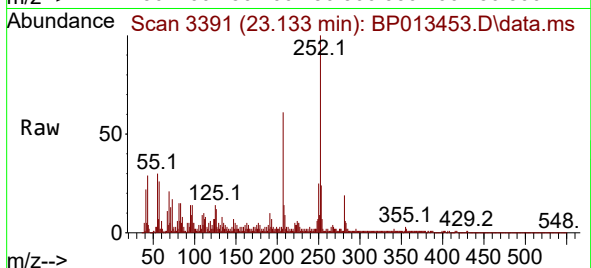
Tgt Ion:252 Resp: 1571960

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 13.6 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 3.909 ng

RT: 23.774 min Scan# 3500

Delta R.T. 0.018 min

Lab File: BP013453.D

Acq: 11 Jan 2023 20:29

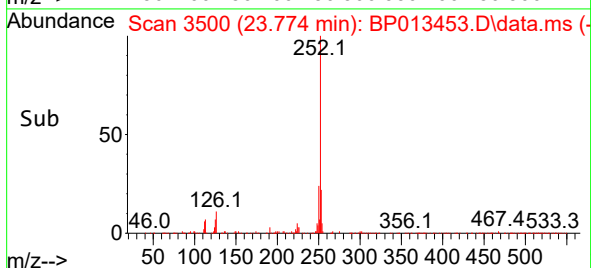
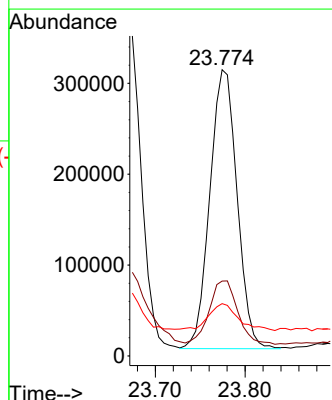
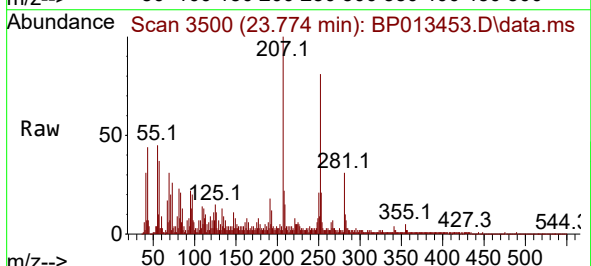
Tgt Ion:252 Resp: 647686

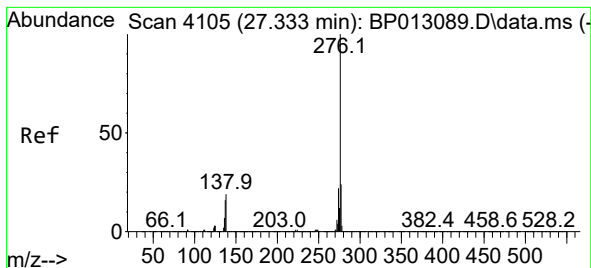
Ion Ratio Lower Upper

252 100

253 26.1 17.5 26.3

125 18.3 7.4 11.2#





#92

Benzo(g,h,i)perylene

Concen: 3.297 ng

RT: 27.257 min Scan# 4092

Delta R.T. 0.024 min

Lab File: BP013453.D

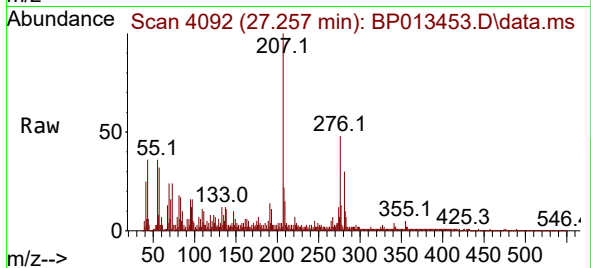
Acq: 11 Jan 2023 20:29

Instrument :

BNA_P

ClientSampleId :

S-14-03



Tgt Ion:276 Resp: 680268

Ion Ratio Lower Upper

276 100

277 27.1 18.9 28.3

138 23.0 15.0 22.6#

