

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009630.D
 Acq On : 30 Mar 2022 21:35
 Operator : CG/JU
 Sample : N2155-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22L076-B

Quant Time: Mar 31 04:42:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

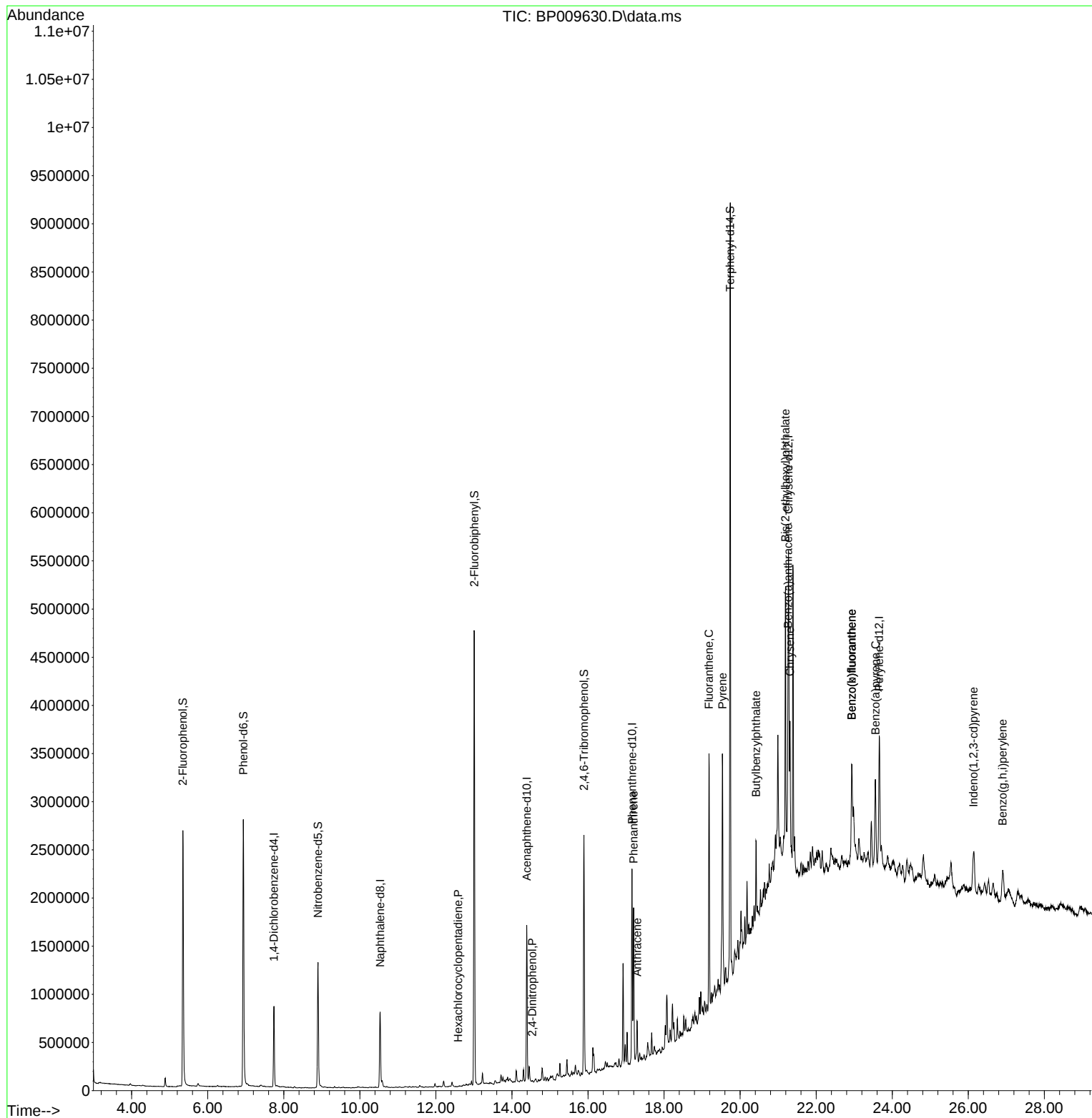
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	260787	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	783257	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	620368	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1299576	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1209498	20.000	ng	0.00
86) Perylene-d12	23.657	264	1143149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1433806	95.991	ng	0.00
7) Phenol-d6	6.934	99	1986321	98.333	ng	0.00
23) Nitrobenzene-d5	8.899	82	916028	62.148	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	566000	55.289	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2757390	61.617	ng	0.00
79) Terphenyl-d14	19.739	244	4319162	64.096	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.893	77	1956	Below Cal	#	58
41) Hexachlorocyclopentadiene	12.581	237	28	7.291	ng	84
54) 2,4-Dinitrophenol	14.534	184	122	4.551	ng	# 1
71) Phenanthrene	17.198	178	1060693	15.247	ng	99
72) Anthracene	17.292	178	291666	4.246	ng	99
75) Fluoranthene	19.181	202	1644066	19.521	ng	99
78) Pyrene	19.534	202	1553454	19.491	ng	99
80) Butylbenzylphthalate	20.422	149	264589	7.811	ng	97
81) Benzo(a)anthracene	21.257	228	817370	10.286	ng	98
83) Chrysene	21.310	228	740777	9.845	ng	97
84) Bis(2-ethylhexyl)phtha...	21.192	149	1098493	23.264	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.139	276	454835	5.244	ng	# 91
88) Benzo(b)fluoranthene	22.933	252	1210878	17.744	ng	94
89) Benzo(k)fluoranthene	22.933	252	1210878	18.122	ng	94
90) Benzo(a)pyrene	23.557	252	643176	11.016	ng	95
92) Benzo(g,h,i)perylene	26.904	276	471646	6.633	ng	# 92

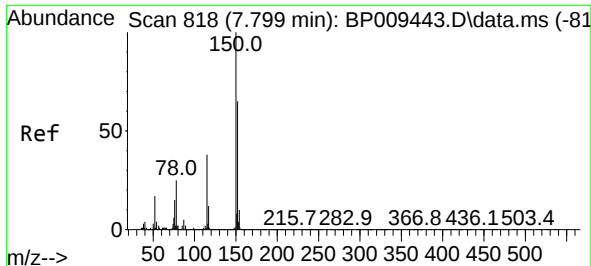
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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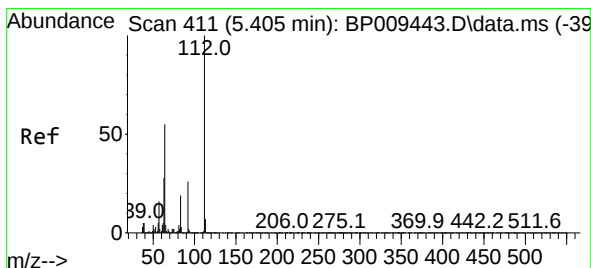
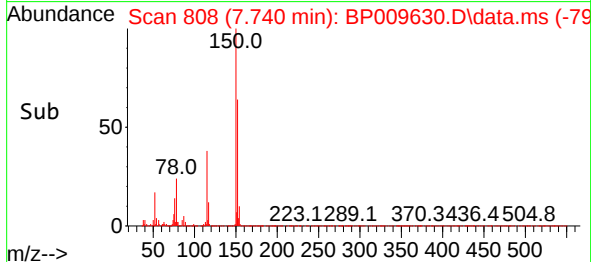
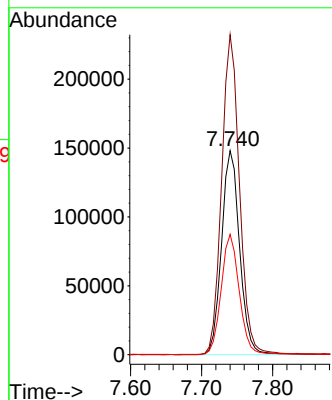
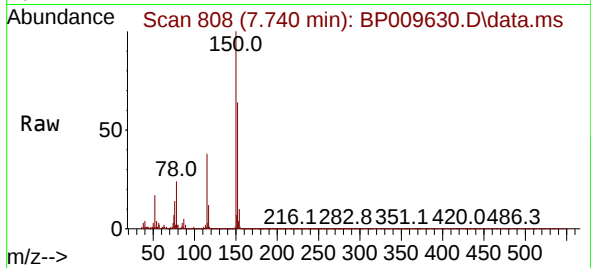




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

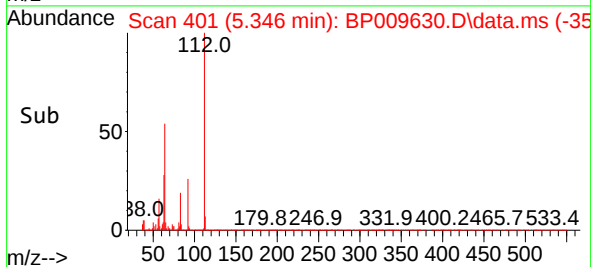
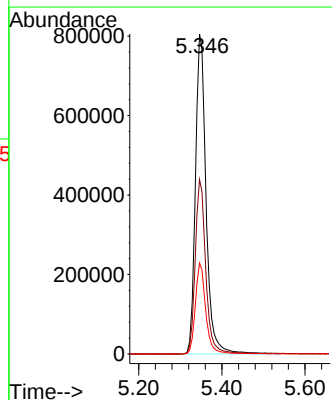
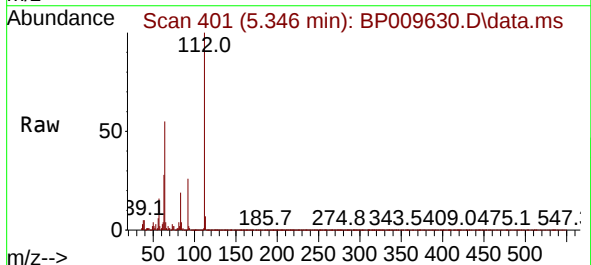
Instrument :
 BNA_P
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 22L076-B

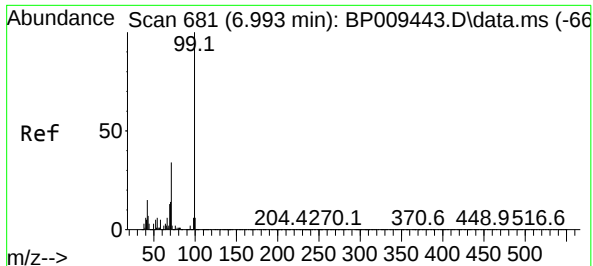
Tgt Ion:152 Resp: 260787
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 59.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 95.991 ng
 RT: 5.346 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

Tgt Ion:112 Resp: 1433806
 Ion Ratio Lower Upper
 112 100
 64 54.5 45.0 67.4
 63 28.4 23.0 34.6

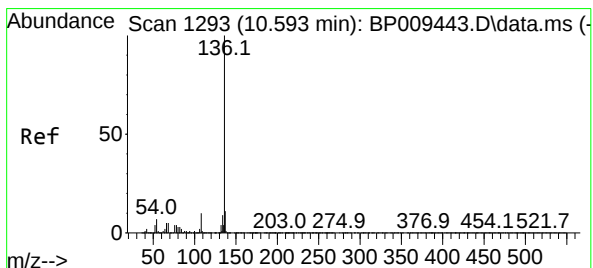
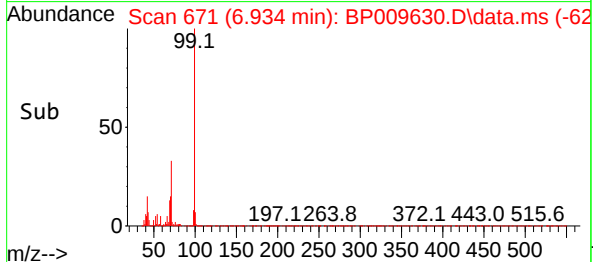
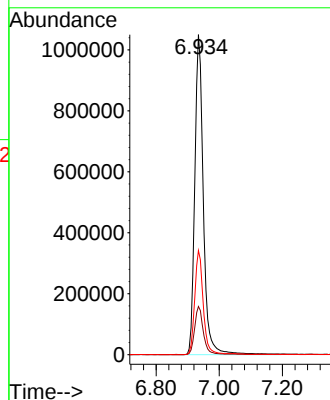
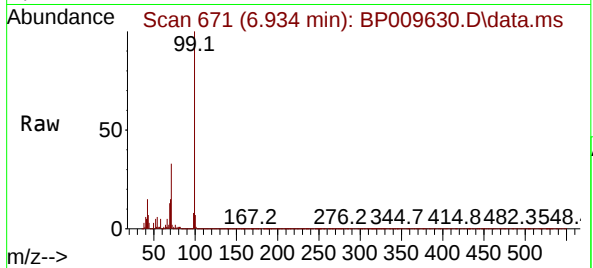




#7
Phenol-d6
Concen: 98.333 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

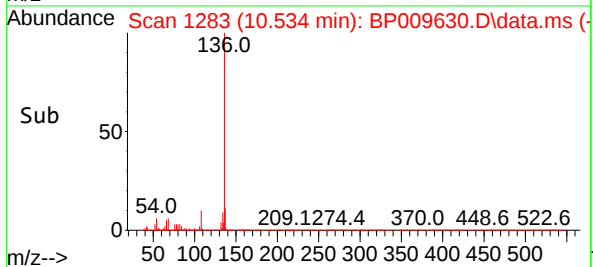
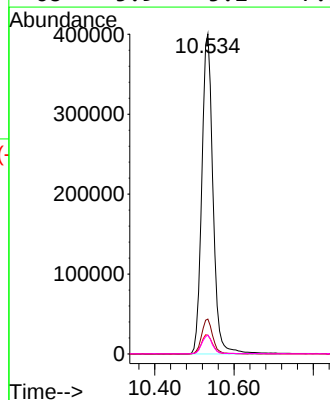
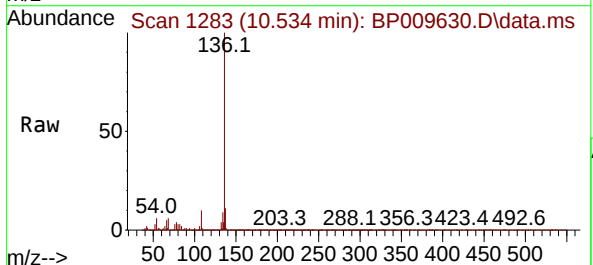
Instrument :
BNA_P
ClientSampleId :
22L076-B

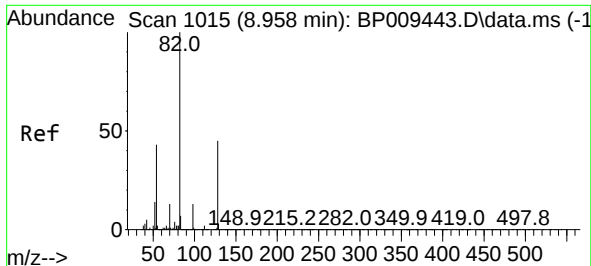
Tgt Ion: 99 Resp: 1986321
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion: 136 Resp: 783257
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.8 5.8 8.8#
68 5.9 5.2 7.8

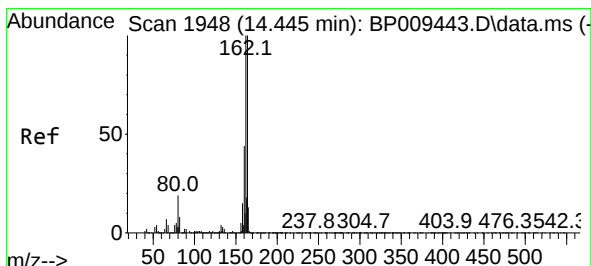
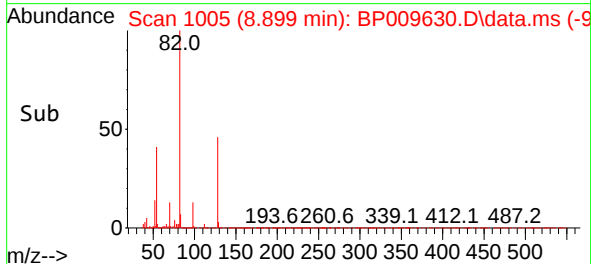
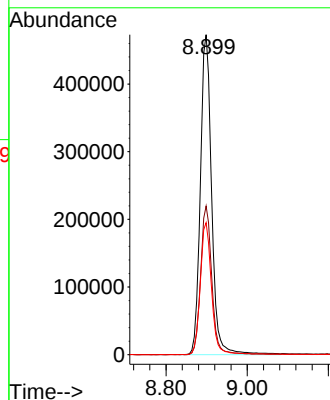
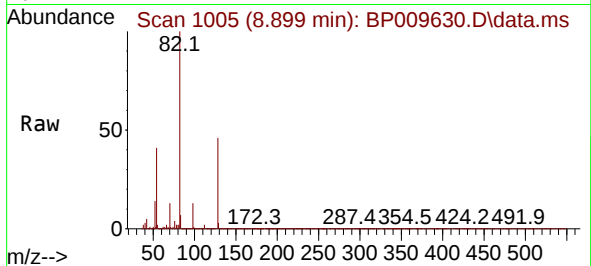




#23
Nitrobenzene-d5
Concen: 62.148 ng
RT: 8.899 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

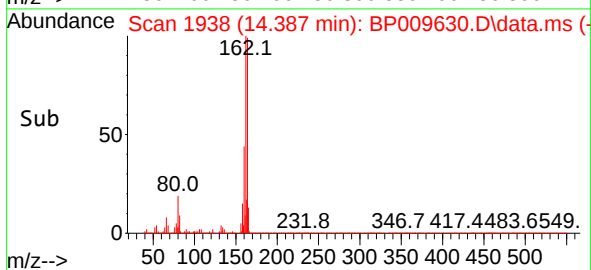
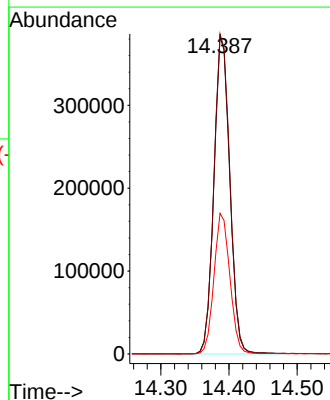
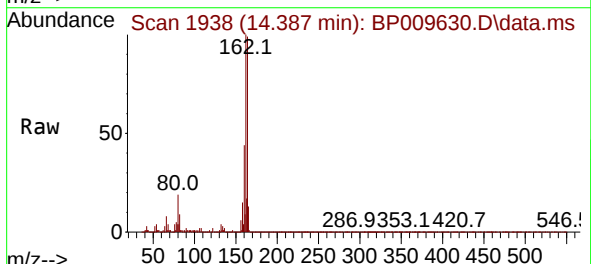
Instrument :
BNA_P
ClientSampleId :
22L076-B

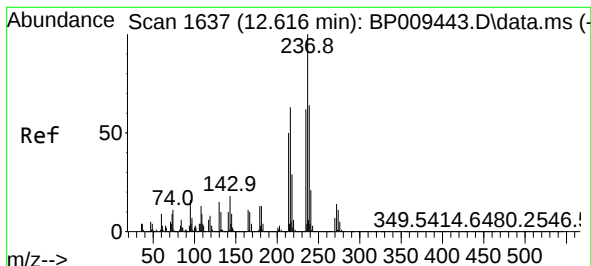
Tgt Ion: 82 Resp: 916028
Ion Ratio Lower Upper
82 100
128 46.4 34.2 51.4
54 41.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion: 164 Resp: 620368
Ion Ratio Lower Upper
164 100
162 100.8 79.1 118.7
160 44.3 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.291 ng

RT: 12.581 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

Instrument :

BNA_P

ClientSampleId :

22L076-B

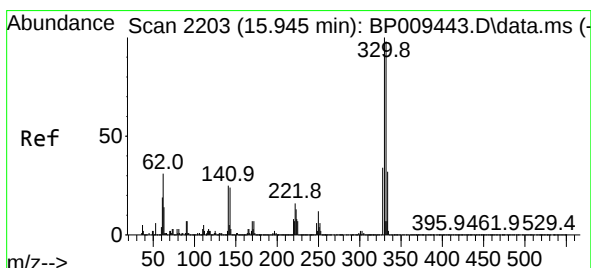
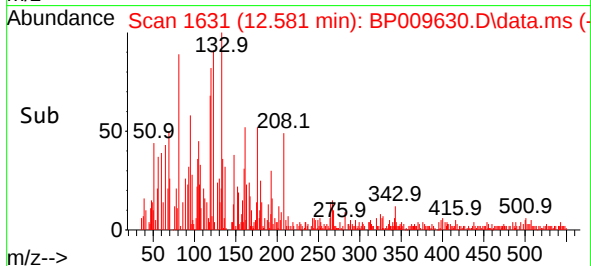
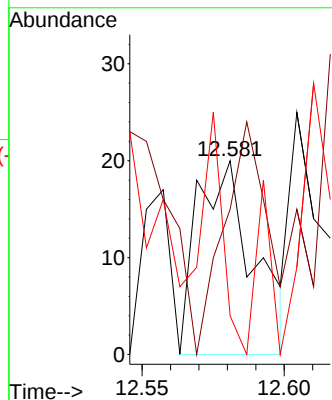
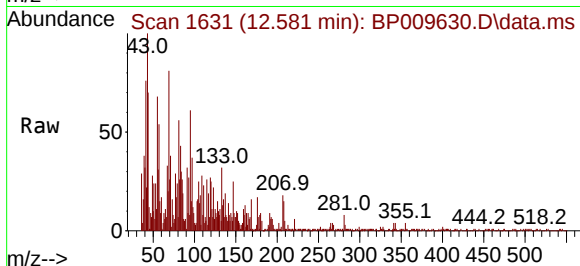
Tgt Ion:237 Resp: 28

Ion Ratio Lower Upper

237 100

235 75.0 42.6 82.6

272 20.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 55.289 ng

RT: 15.893 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

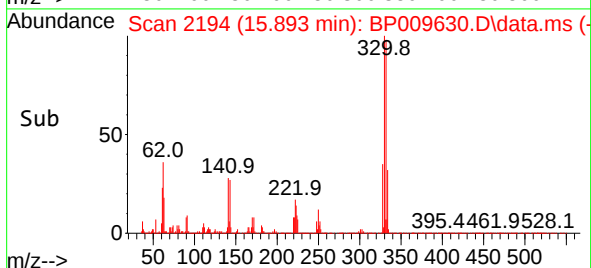
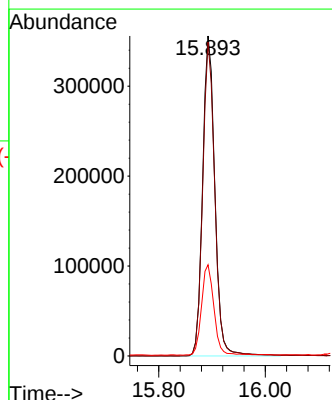
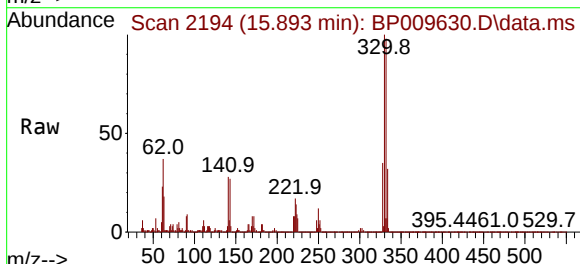
Tgt Ion:330 Resp: 566000

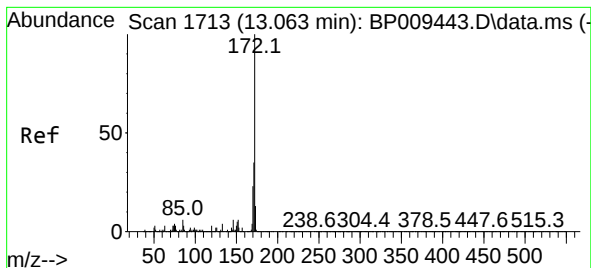
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 28.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 61.617 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009630.D

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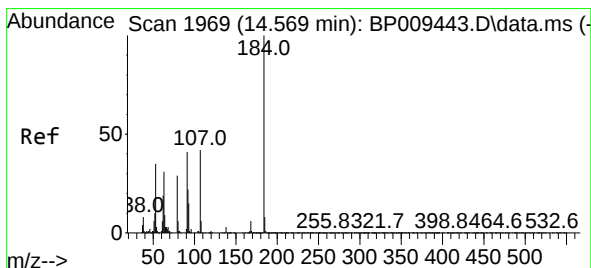
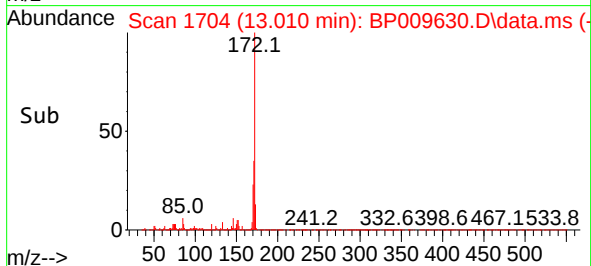
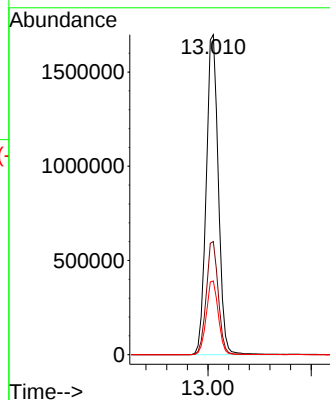
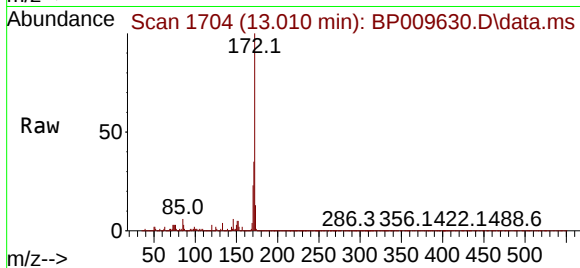
Tgt Ion:172 Resp: 2757390

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.0 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.551 ng

RT: 14.534 min Scan# 1963

Delta R.T. 0.006 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

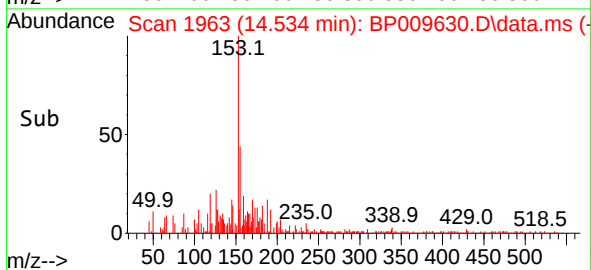
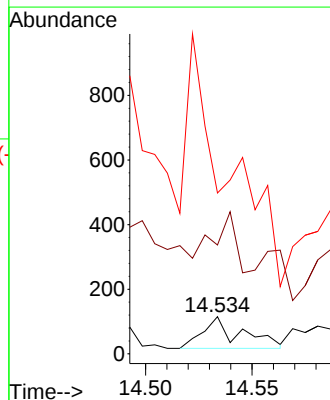
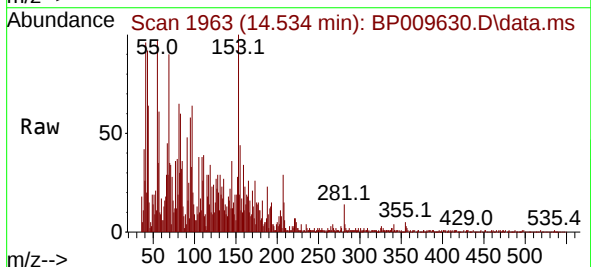
Tgt Ion:184 Resp: 122

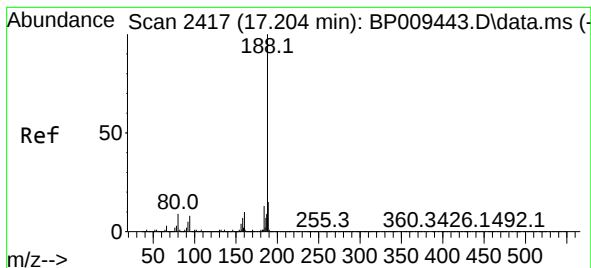
Ion Ratio Lower Upper

184 100

63 293.0 46.3 69.5#

154 433.0 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

Instrument :

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ClientSampleId :

22L076-B

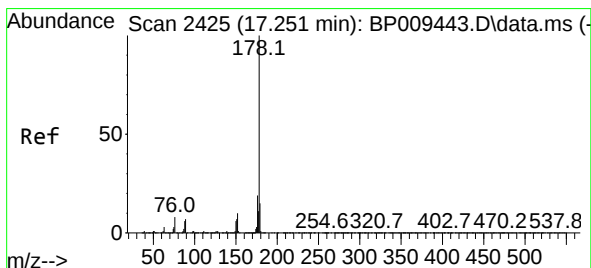
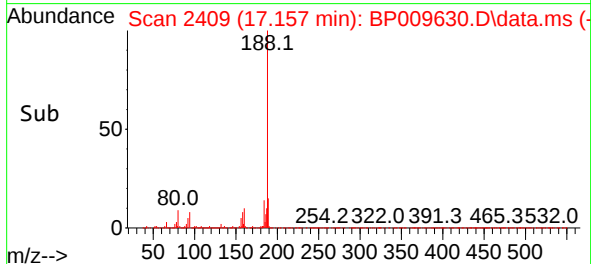
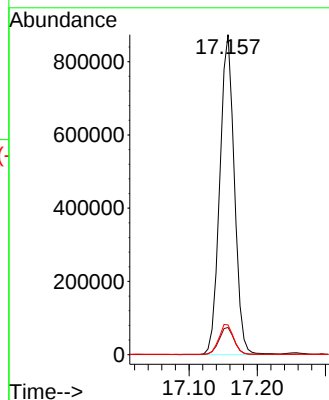
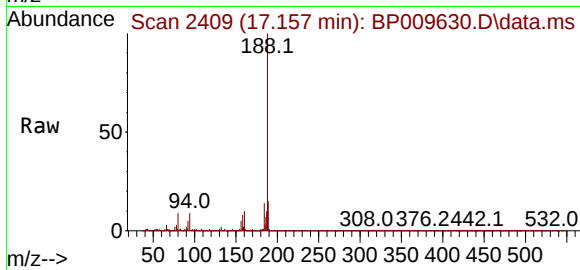
Tgt Ion:188 Resp: 1299576

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 9.3 8.8 13.2



#71

Phenanthrene

Concen: 15.247 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

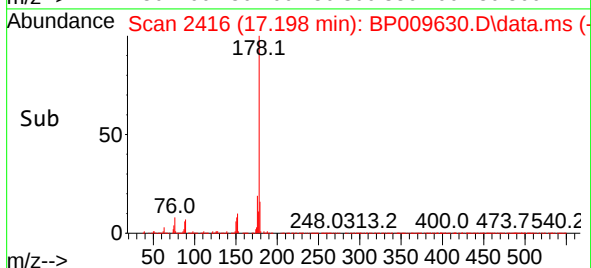
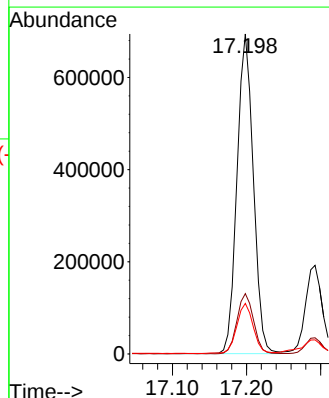
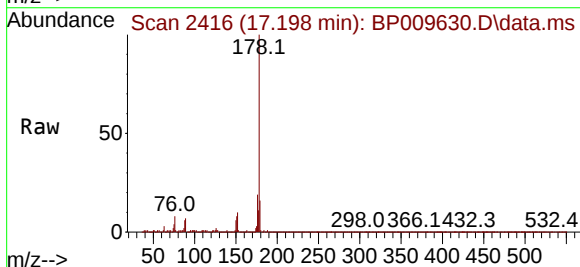
Tgt Ion:178 Resp: 1060693

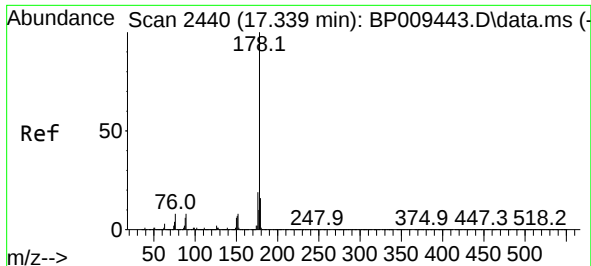
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.8 12.3 18.5

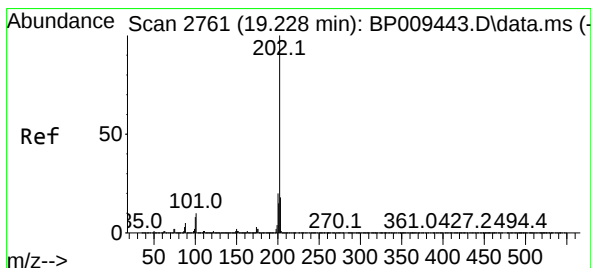
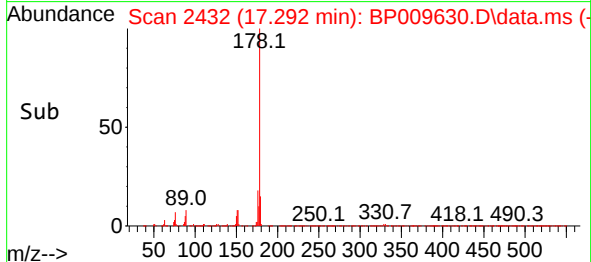
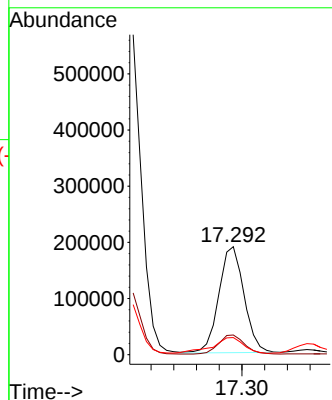
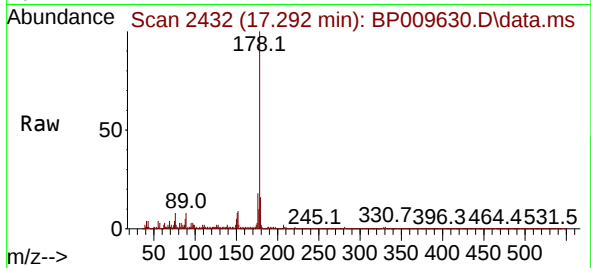




#72
 Anthracene
 Concen: 4.246 ng
 RT: 17.292 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

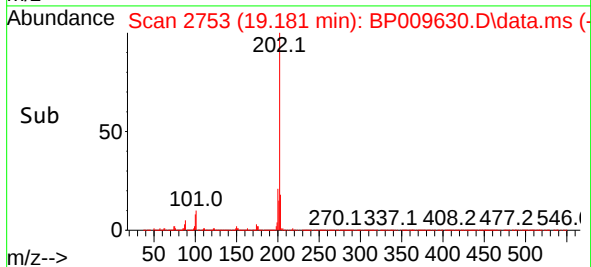
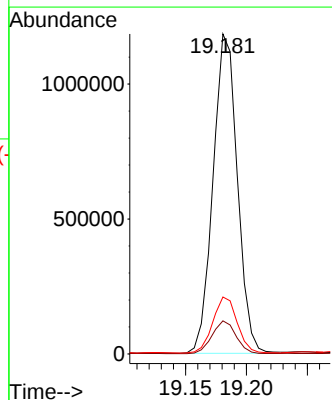
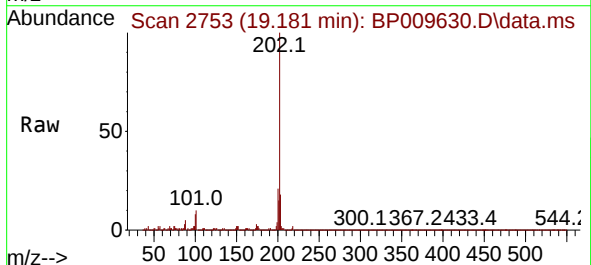
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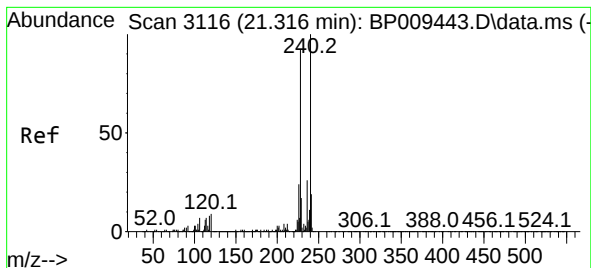
Tgt Ion:178 Resp: 291666
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.9 12.2 18.4



#75
 Fluoranthene
 Concen: 19.521 ng
 RT: 19.181 min Scan# 2753
 Delta R.T. 0.000 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

Tgt Ion:202 Resp: 1644066
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.5
 203 17.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.275 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

Instrument :

BNA_P

ClientSampleId :

22L076-B

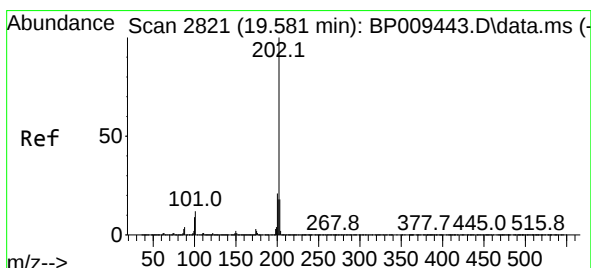
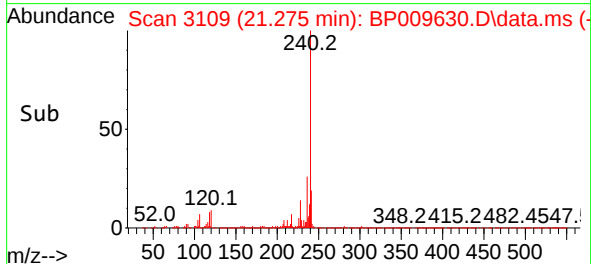
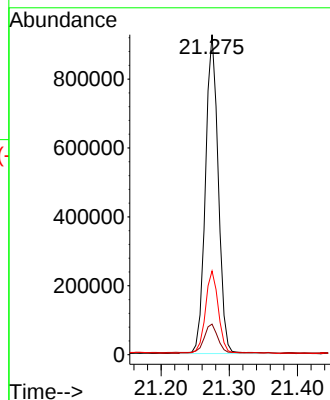
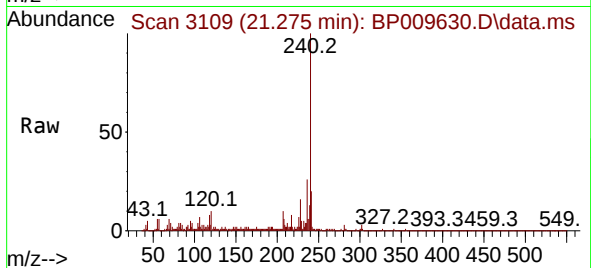
Tgt Ion:240 Resp: 1209498

Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.4

236 26.2 20.6 30.8



#78

Pyrene

Concen: 19.491 ng

RT: 19.534 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

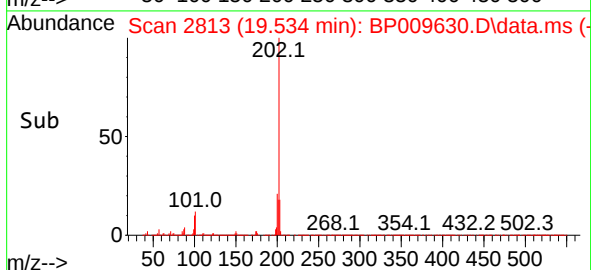
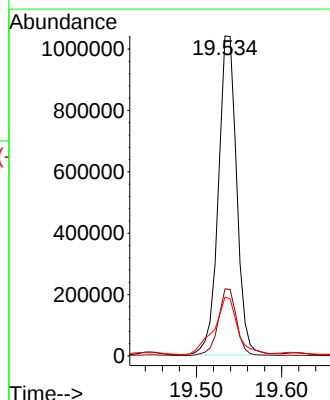
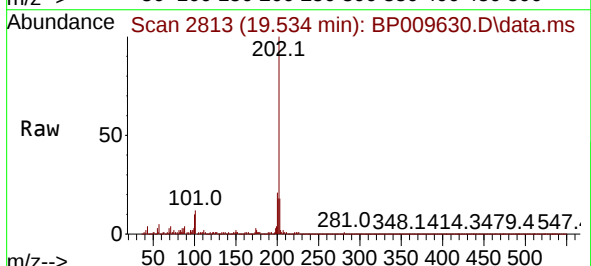
Tgt Ion:202 Resp: 1553454

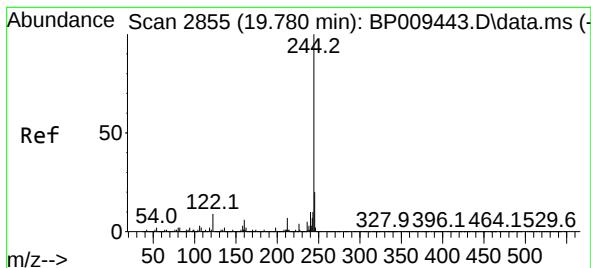
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 18.3 14.2 21.4





#79

Terphenyl-d14

Concen: 64.096 ng

RT: 19.739 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

Instrument :

BNA_P

ClientSampleId :

22L076-B

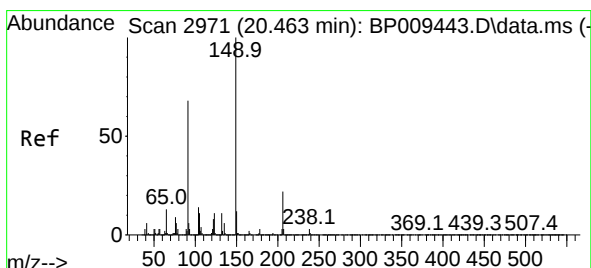
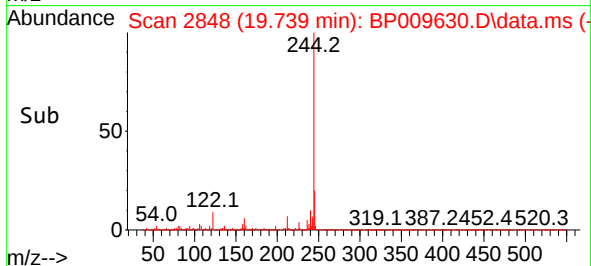
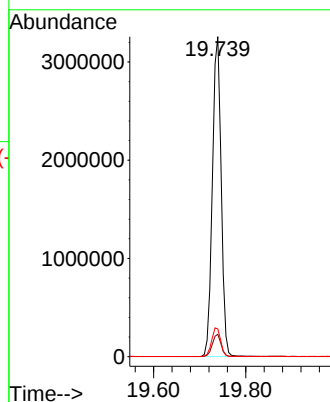
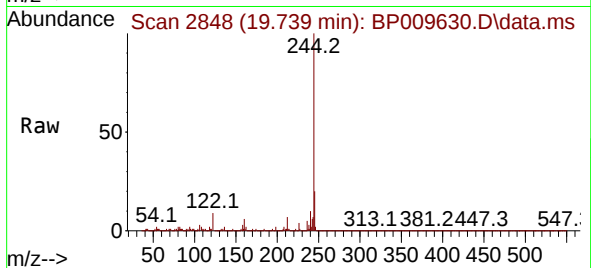
Tgt Ion:244 Resp: 4319162

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.7 8.3 12.5



#80

Butylbenzylphthalate

Concen: 7.811 ng

RT: 20.422 min Scan# 2964

Delta R.T. 0.000 min

Lab File: BP009630.D

Acq: 30 Mar 2022 21:35

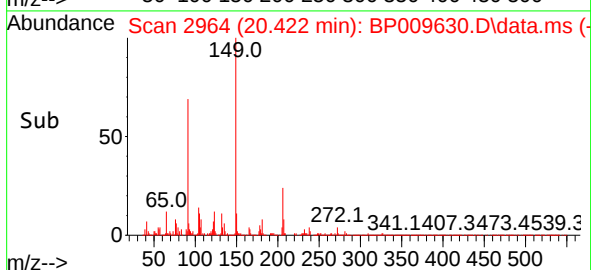
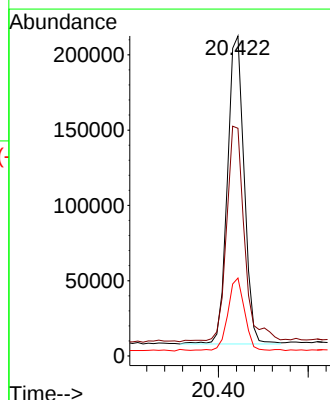
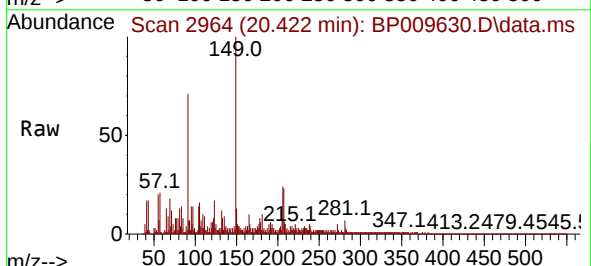
Tgt Ion:149 Resp: 264589

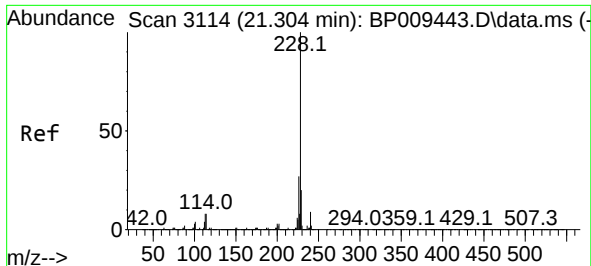
Ion Ratio Lower Upper

149 100

91 71.2 57.9 86.9

206 24.4 16.9 25.3

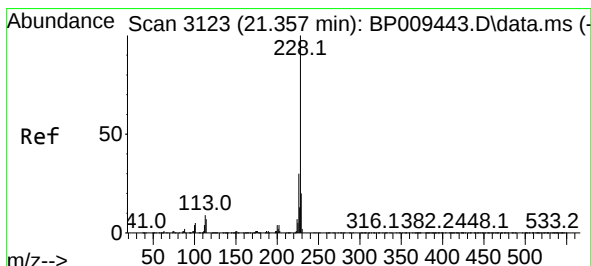
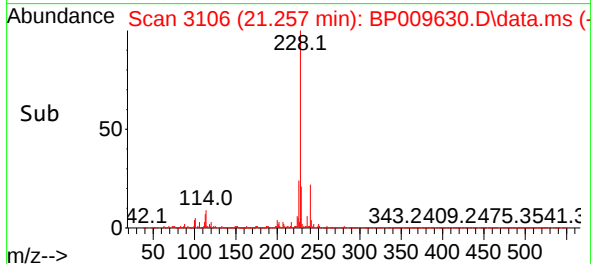
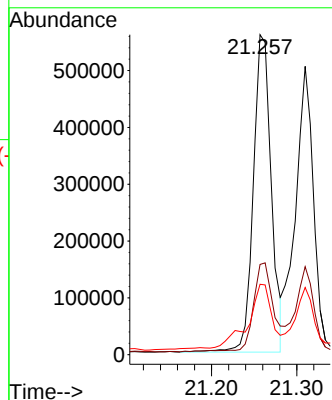
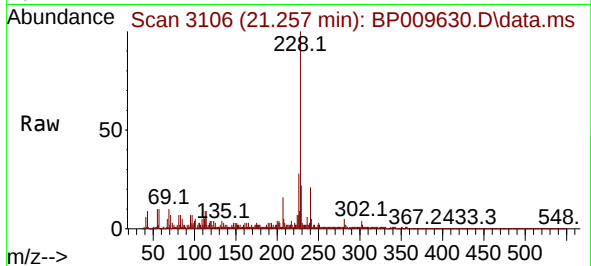




#81
Benzo(a)anthracene
Concen: 10.286 ng
RT: 21.257 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

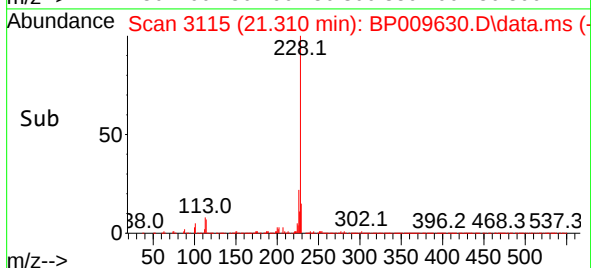
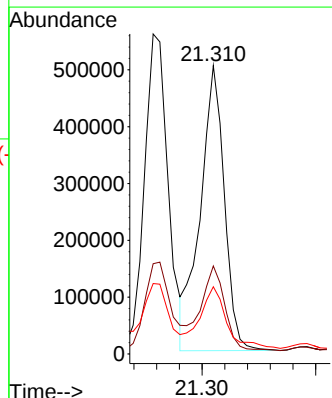
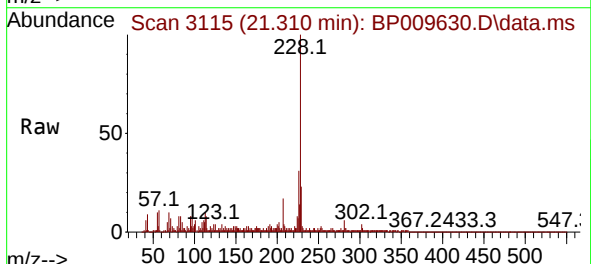
Instrument :
BNA_P
ClientSampleId :
22L076-B

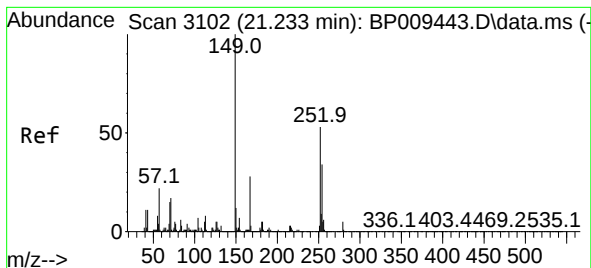
Tgt Ion:228 Resp: 817370
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 22.0 16.1 24.1



#83
Chrysene
Concen: 9.845 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion:228 Resp: 740777
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 23.3 16.1 24.1

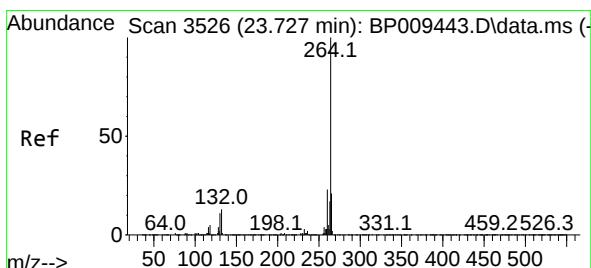
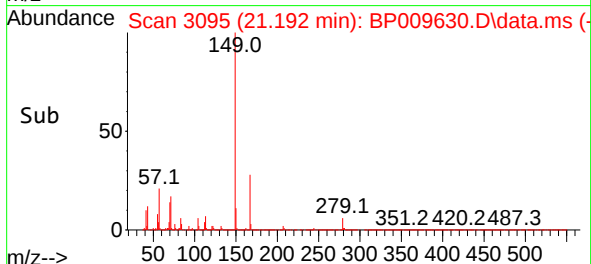
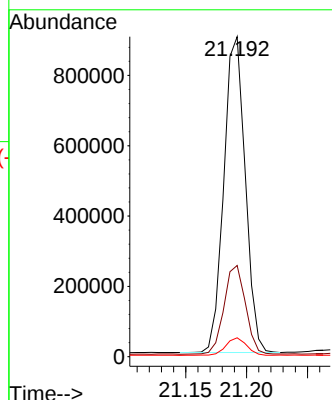
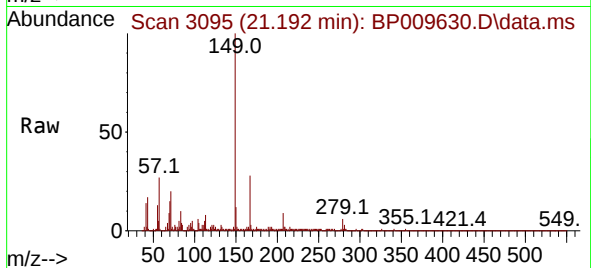




#84
Bis(2-ethylhexyl)phthalate
Concen: 23.264 ng
RT: 21.192 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

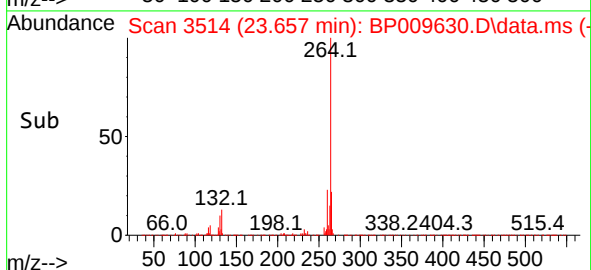
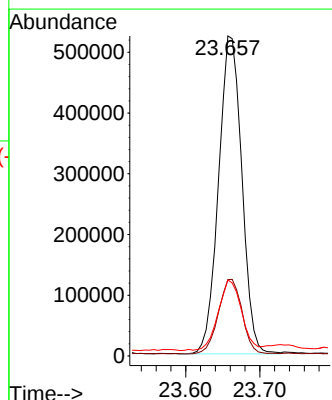
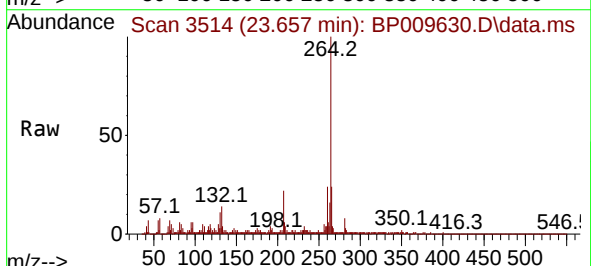
Instrument :
BNA_P
ClientSampleId :
22L076-B

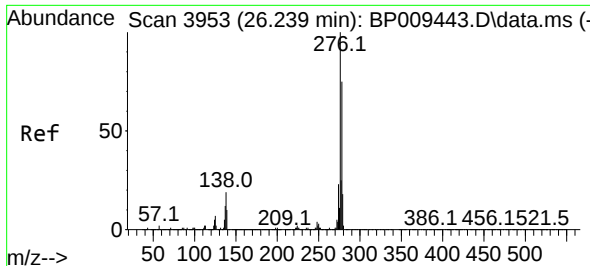
Tgt Ion:149 Resp: 1098493
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 5.9 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.657 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion:264 Resp: 1143149
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 23.7 17.2 25.8

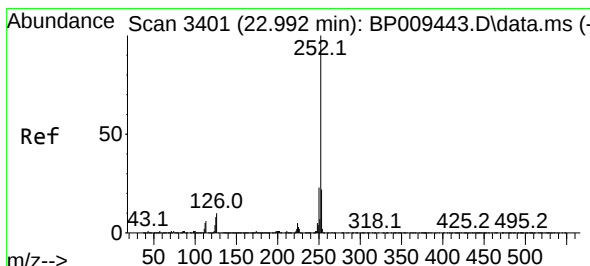
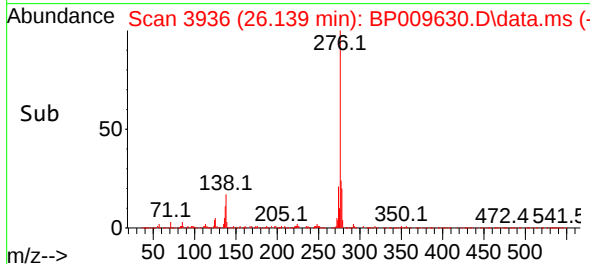
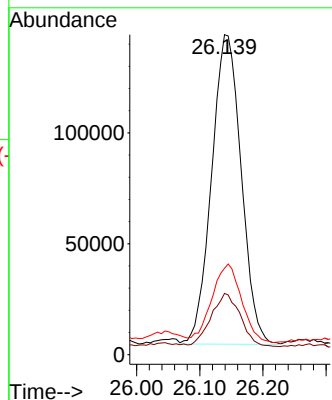
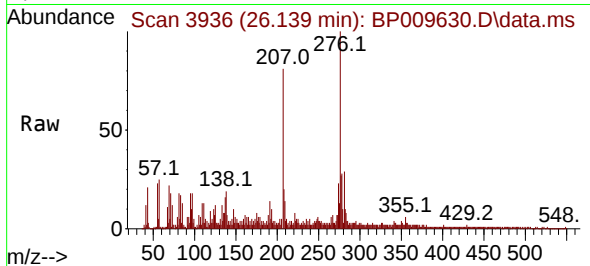




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.244 ng
 RT: 26.139 min Scan# 3391
 Delta R.T. 0.000 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

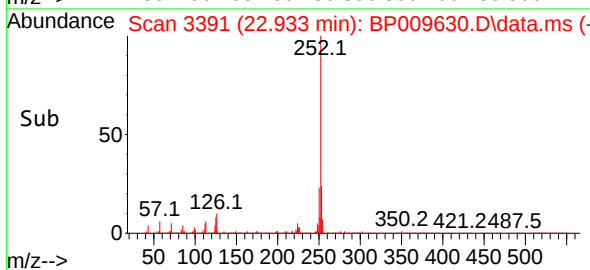
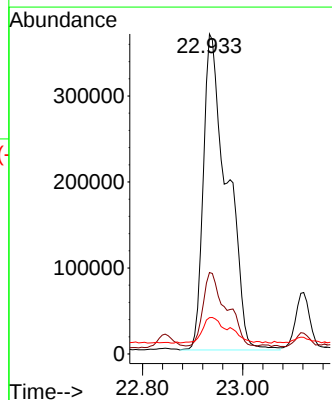
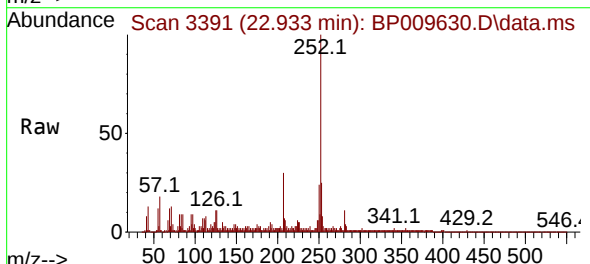
Instrument :
 BNA_P
 ClientSampleId :
 22L076-B

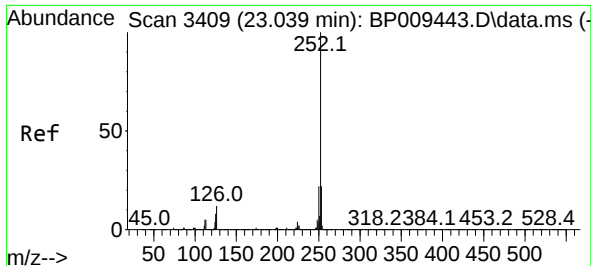
Tgt Ion:276 Resp: 454835
 Ion Ratio Lower Upper
 276 100
 138 16.9 20.5 30.7#
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 17.744 ng
 RT: 22.933 min Scan# 3391
 Delta R.T. 0.006 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

Tgt Ion:252 Resp: 1210878
 Ion Ratio Lower Upper
 252 100
 253 25.4 17.8 26.8
 125 11.4 8.1 12.1

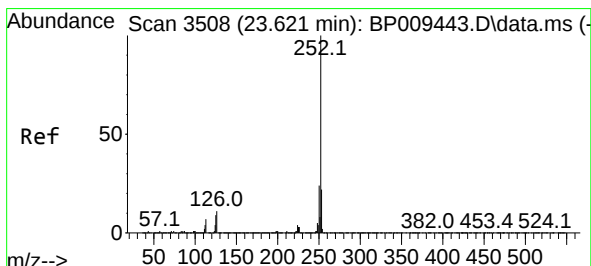
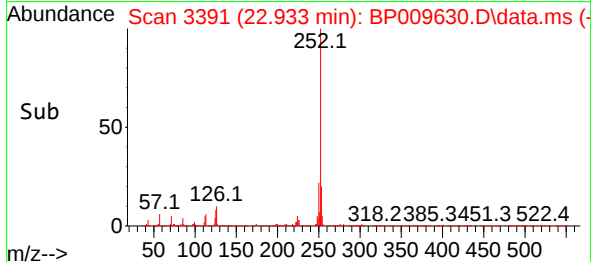
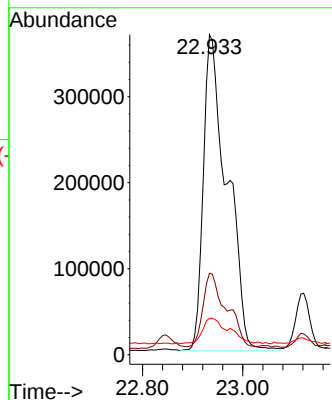
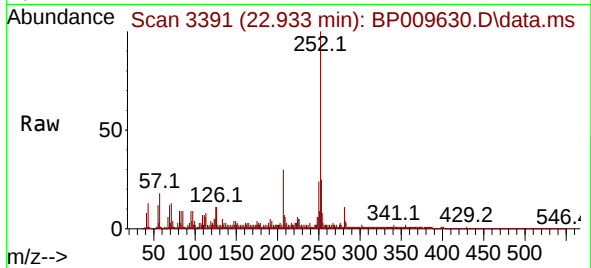




#89
Benzo(k)fluoranthene
Concen: 18.122 ng
RT: 22.933 min Scan# 311
Delta R.T. -0.047 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

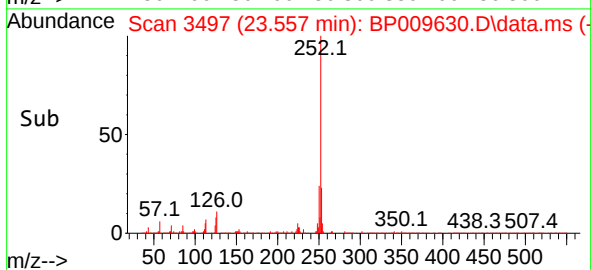
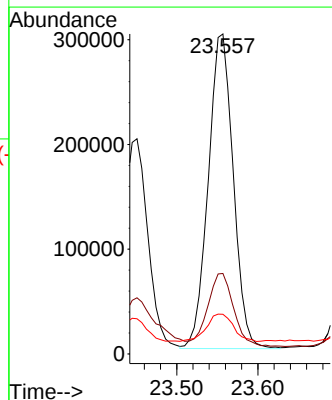
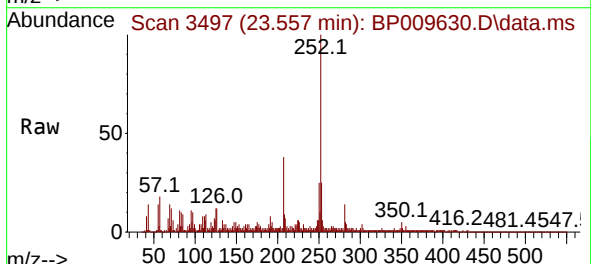
Instrument :
BNA_P
ClientSampleId :
22L076-B

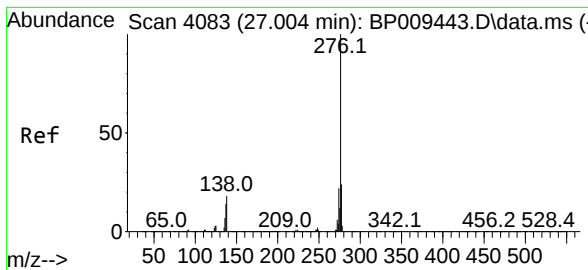
Tgt Ion:252 Resp: 1210878
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 11.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 11.016 ng
RT: 23.557 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP009630.D
Acq: 30 Mar 2022 21:35

Tgt Ion:252 Resp: 643176
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 12.4 9.3 13.9





#92
 Benzo(g,h,i)perylene
 Concen: 6.633 ng
 RT: 26.904 min Scan# 4083
 Delta R.T. 0.006 min
 Lab File: BP009630.D
 Acq: 30 Mar 2022 21:35

Instrument :
 BNA_P
 ClientSampleId :
 22L076-B

Tgt Ion:	276	Resp:	471646
Ion Ratio	Lower	Upper	
276	100		
277	26.7	19.2	28.8
138	17.0	18.0	27.0

