

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009410.D
 Acq On : 15 Mar 2022 21:53
 Operator : CG/JU
 Sample : N1944-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-24449

Quant Time: Mar 16 01:58:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

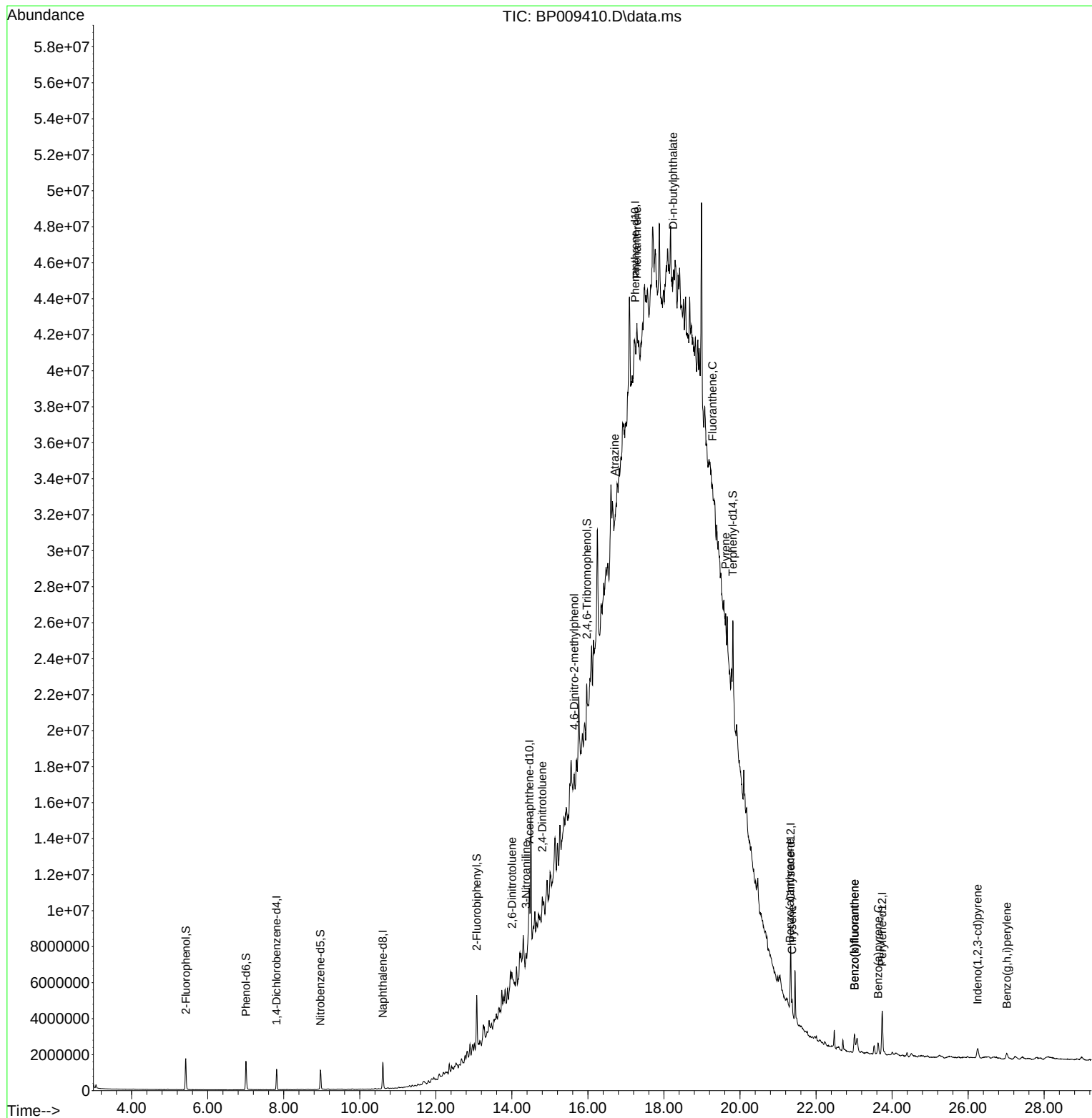
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	347265	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	1385476	20.000	ng	-0.01
39) Acenaphthene-d10	14.457	164	837372	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1435349	20.000	ng	# 0.02
76) Chrysene-d12	21.333	240	1856214	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2072339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	907490	38.145	ng	0.01
7) Phenol-d6	7.005	99	1112325	36.792	ng	0.02
23) Nitrobenzene-d5	8.963	82	733920	29.177	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	615786	60.901	ng	0.01
45) 2-Fluorobiphenyl	13.075	172	1683946	27.655	ng	-0.01
79) Terphenyl-d14	19.810	244	2726609	27.720	ng	0.01
Target Compounds						
51) 2,6-Dinitrotoluene	14.004	165	132021	10.824	ng	# 32
53) 3-Nitroaniline	14.375	138	27133	2.094	ng	# 19
57) 2,4-Dinitrotoluene	14.798	165	37084	2.375	ng	# 38
65) 4,6-Dinitro-2-methylph...	15.640	198	15446	2.447	ng	# 1
69) Atrazine	16.704	200	91426	5.764	ng	# 1
71) Phenanthrene	17.287	178	284091	3.444	ng	# 1
74) Di-n-butylphthalate	18.245	149	191558	2.313	ng	# 36
75) Fluoranthene	19.275	202	812990	8.539	ng	76
78) Pyrene	19.622	202	757404	6.043	ng	# 84
81) Benzo(a)anthracene	21.316	228	457205	3.634	ng	97
83) Chrysene	21.369	228	560095	4.585	ng	97
87) Indeno(1,2,3-cd)pyrene	26.245	276	449990	2.795	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	872565	6.236	ng	97
89) Benzo(k)fluoranthene	23.010	252	872565	6.528	ng	97
90) Benzo(a)pyrene	23.633	252	516930	3.895	ng	97
92) Benzo(g,h,i)perylene	27.015	276	463023	3.433	ng	95

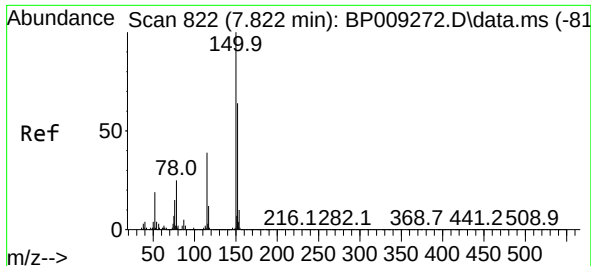
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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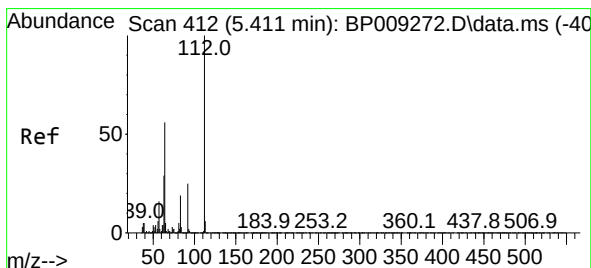
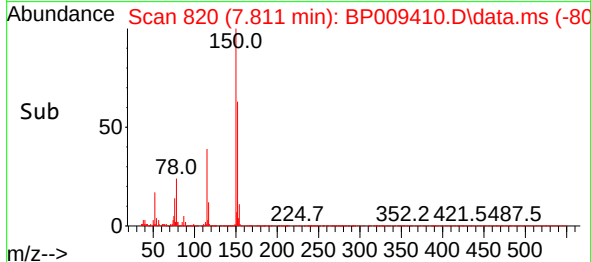
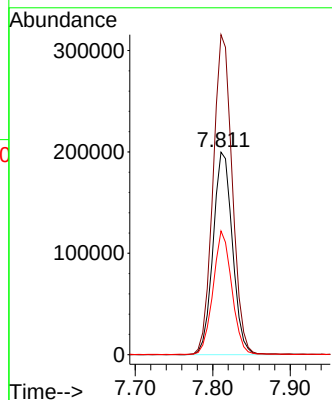
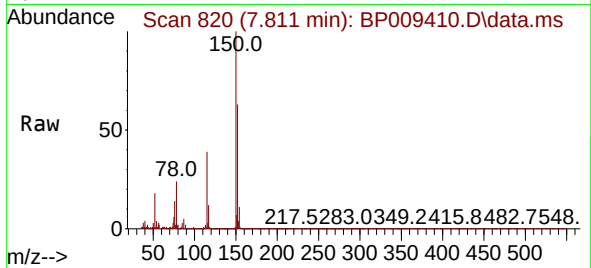




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

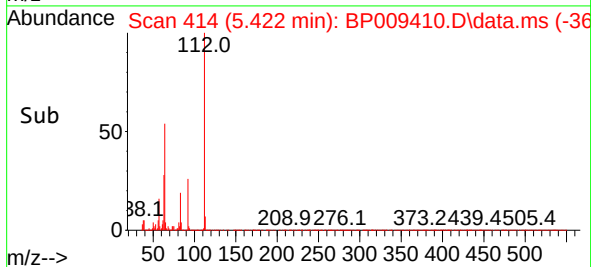
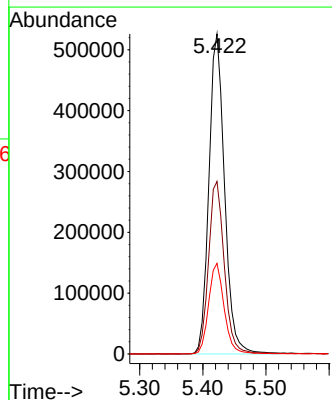
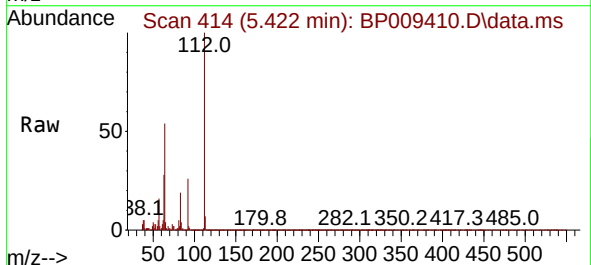
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BNA_P
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CHRT-24449

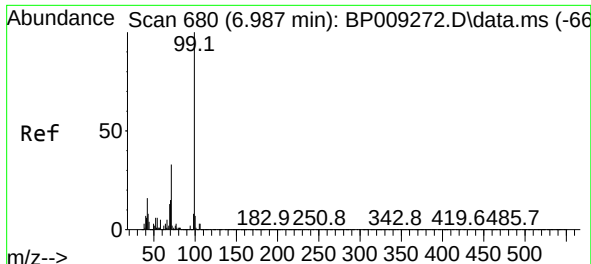
Tgt Ion:152 Resp: 347265
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 61.0 48.2 72.4



#5
2-Fluorophenol
Concen: 38.145 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:112 Resp: 907490
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.3 23.0 34.6

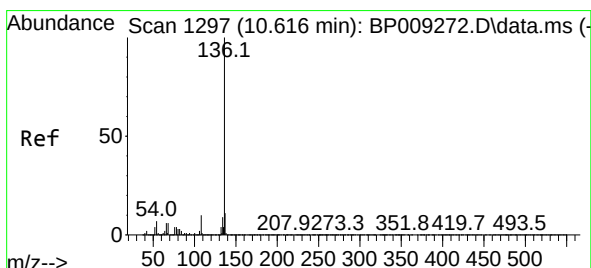
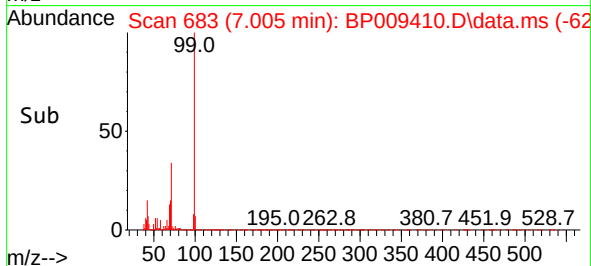
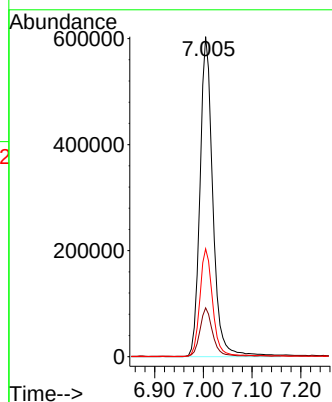
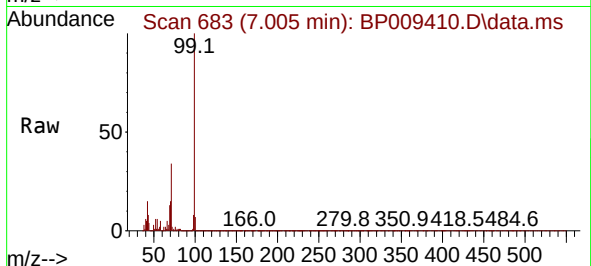




#7
Phenol-d6
Concen: 36.792 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

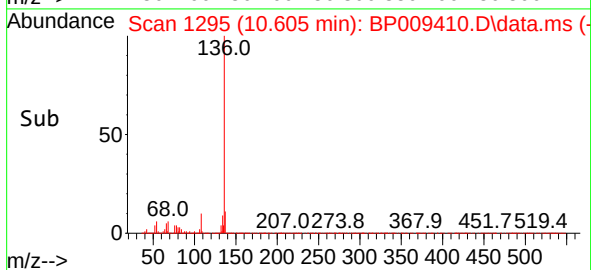
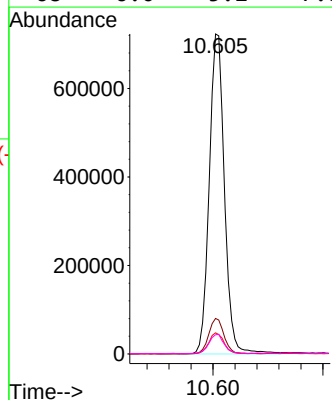
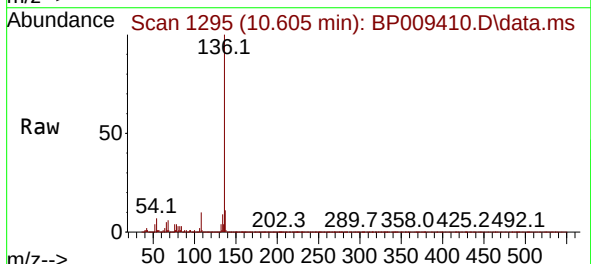
Instrument :
BNA_P
ClientSampleId :
CHRT-24449

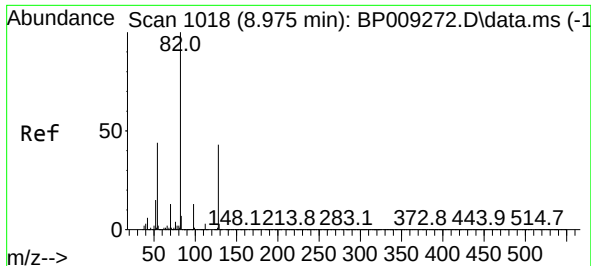
Tgt Ion: 99 Resp: 1112325
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion: 136 Resp: 1385476
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.6 5.8 8.8
68 6.0 5.2 7.8

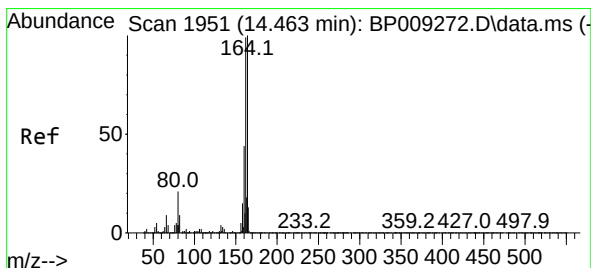
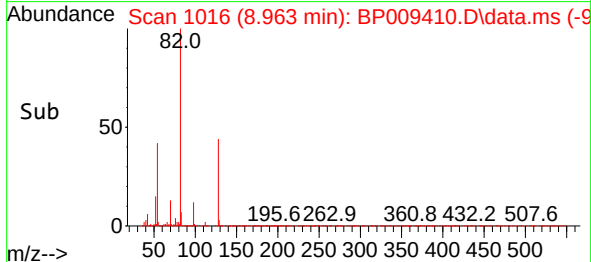
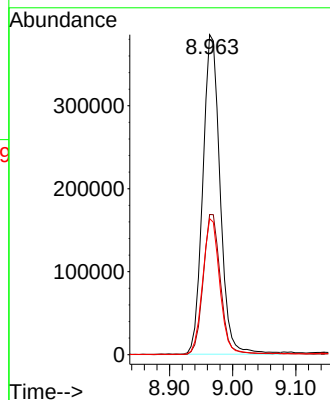
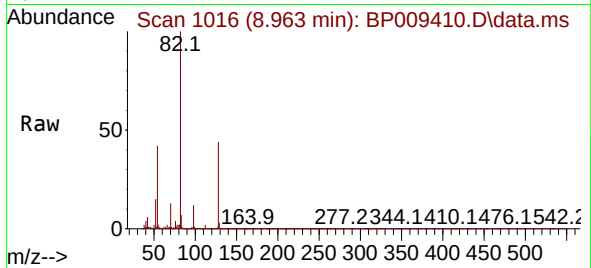




#23
 Nitrobenzene-d5
 Concen: 29.177 ng
 RT: 8.963 min Scan# 1016
 Delta R.T. -0.012 min
 Lab File: BP009410.D
 Acq: 15 Mar 2022 21:53

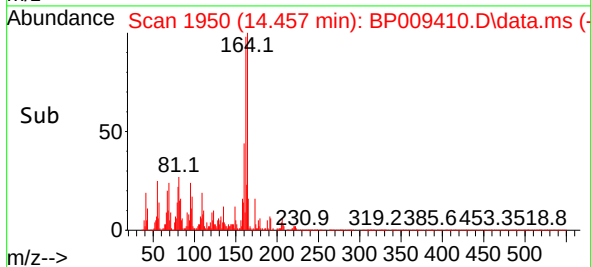
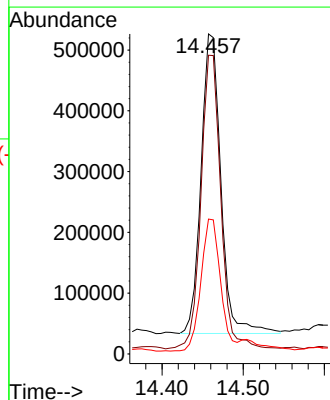
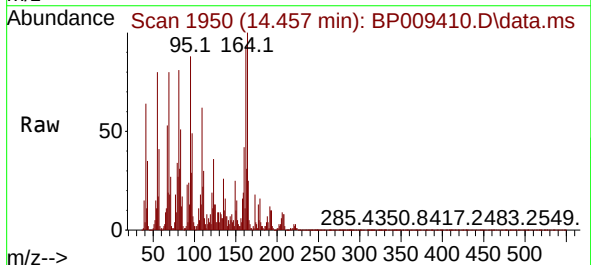
Instrument :
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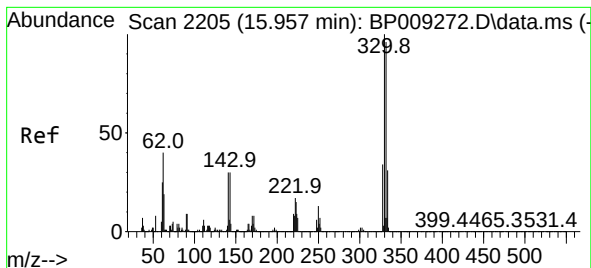
Tgt Ion: 82 Resp: 733920
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.2 51.4
 54 42.5 34.7 52.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: BP009410.D
 Acq: 15 Mar 2022 21:53

Tgt Ion: 164 Resp: 837372
 Ion Ratio Lower Upper
 164 100
 162 93.4 79.1 118.7
 160 42.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 60.901 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

CHRT-24449

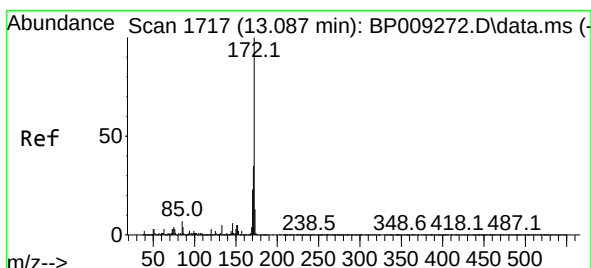
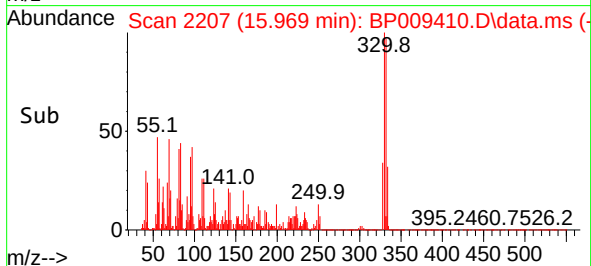
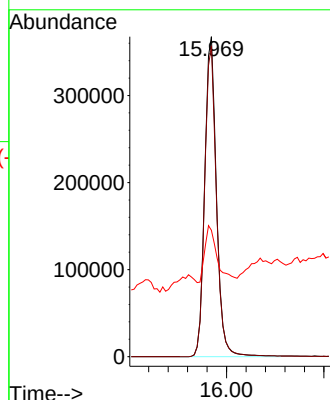
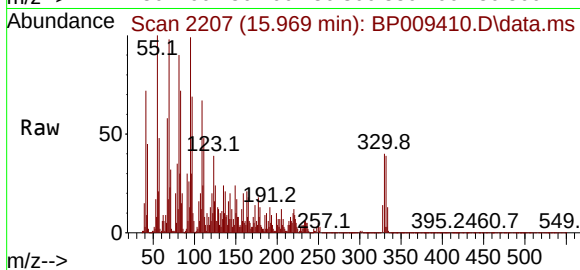
Tgt Ion:330 Resp: 615786

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 18.9 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 27.655 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

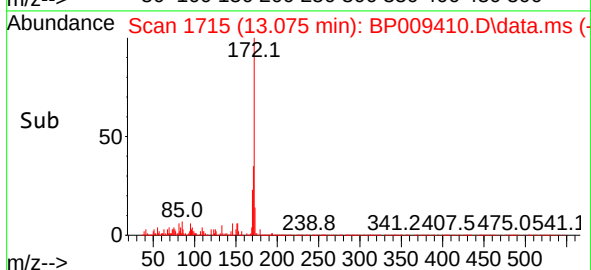
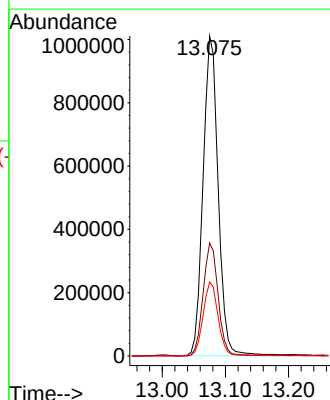
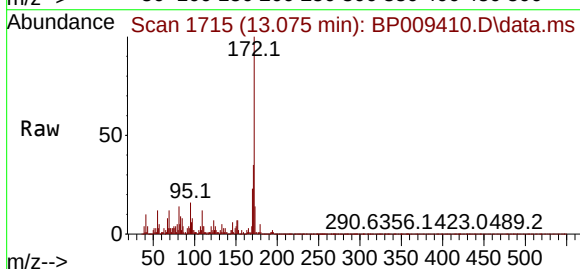
Tgt Ion:172 Resp: 1683946

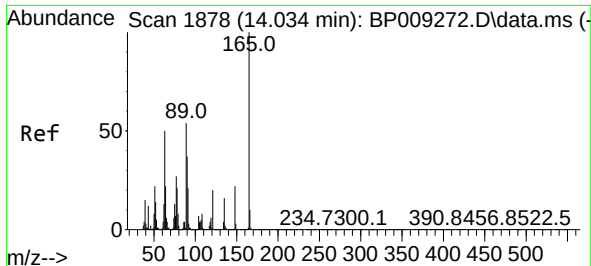
Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.1 18.6 27.8

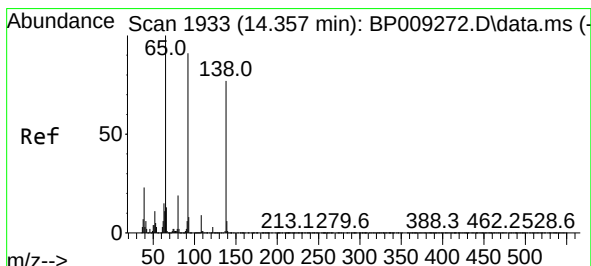
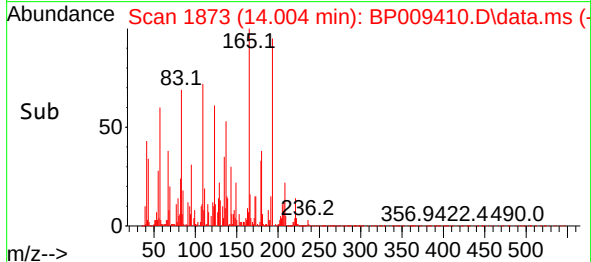
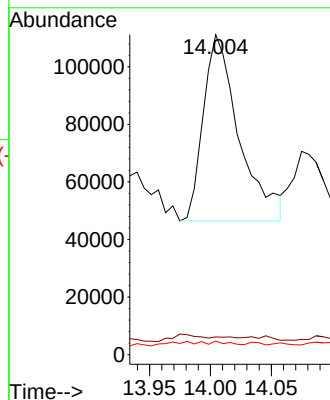
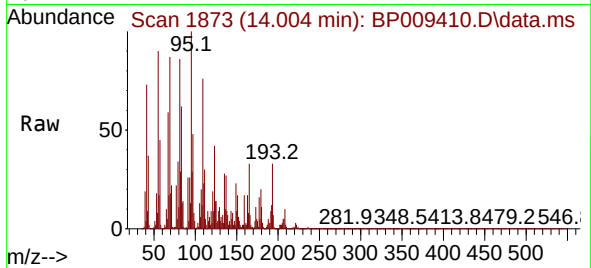




#51
2,6-Dinitrotoluene
Concen: 10.824 ng
RT: 14.004 min Scan# 1878
Delta R.T. -0.029 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

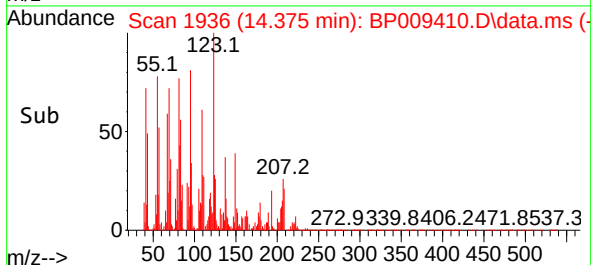
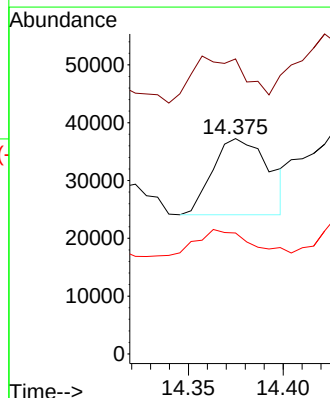
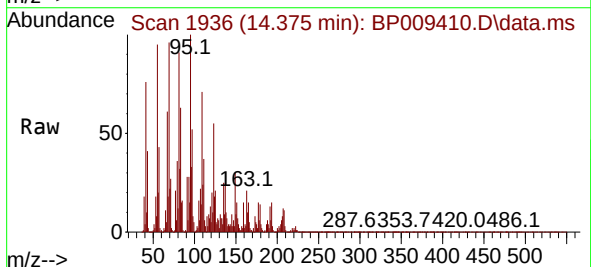
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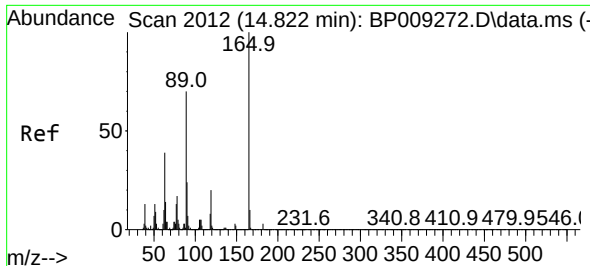
Tgt Ion:165 Resp: 132021
Ion Ratio Lower Upper
165 100
63 5.6 40.9 61.3#
89 4.2 43.4 65.2#



#53
3-Nitroaniline
Concen: 2.094 ng
RT: 14.375 min Scan# 1936
Delta R.T. 0.018 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:138 Resp: 27133
Ion Ratio Lower Upper
138 100
108 137.0 9.7 14.5#
92 56.2 94.4 141.6#

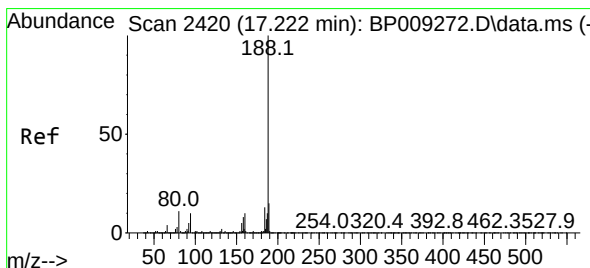
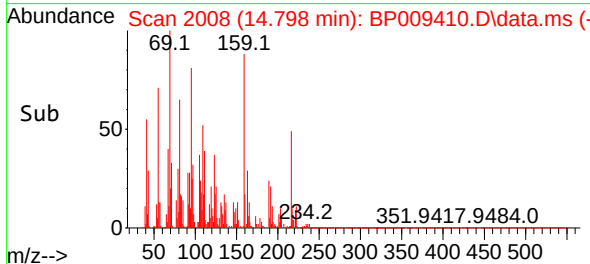
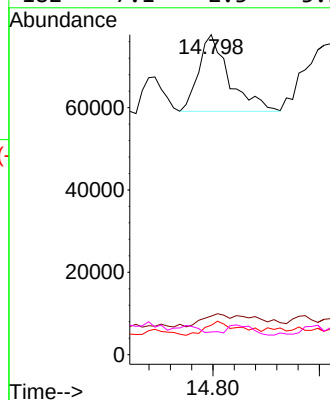
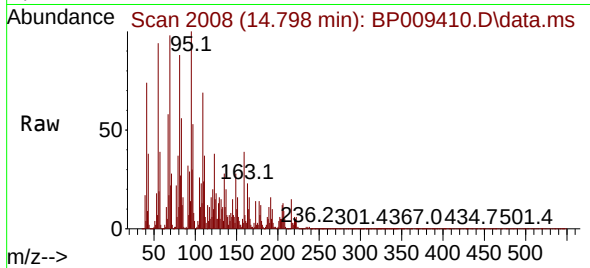




#57
2,4-Dinitrotoluene
Concen: 2.375 ng
RT: 14.798 min Scan# 2012
Delta R.T. -0.023 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

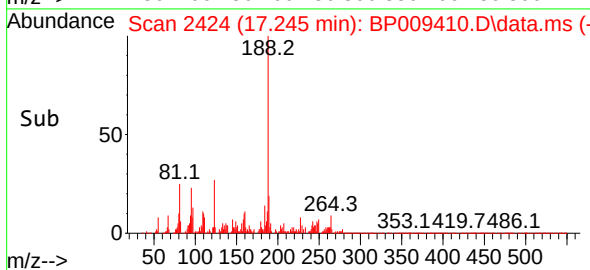
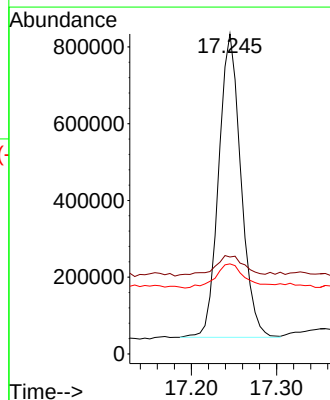
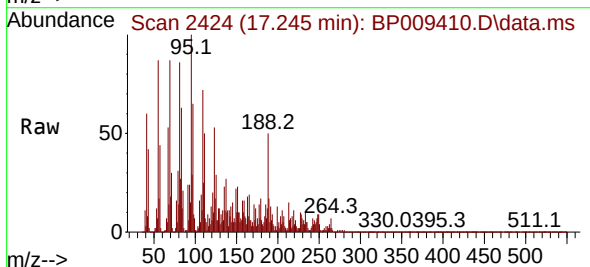
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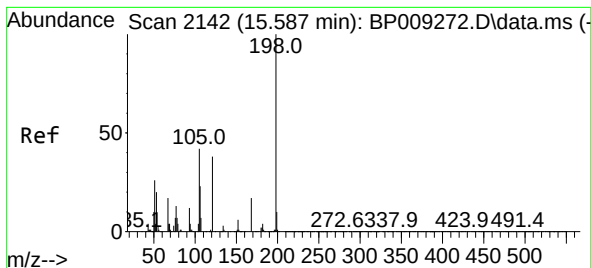
Tgt Ion:165 Resp: 37084
Ion Ratio Lower Upper
165 100
63 12.1 31.4 47.2#
89 9.2 55.9 83.9#
182 7.1 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.024 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:188 Resp: 1435349
Ion Ratio Lower Upper
188 100
94 30.3 7.9 11.9#
80 28.1 8.8 13.2#

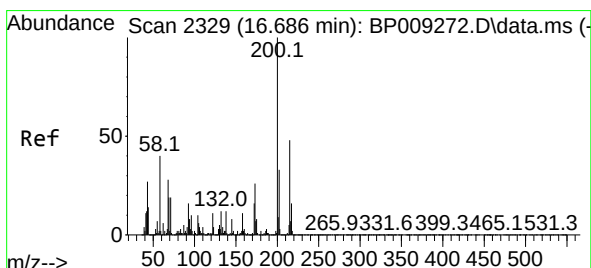
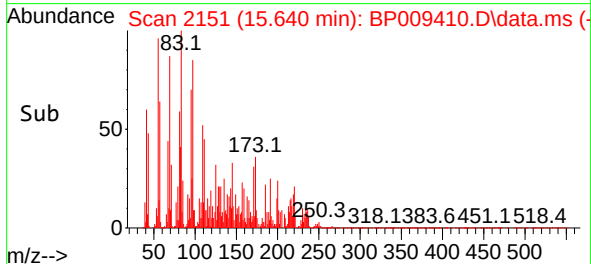
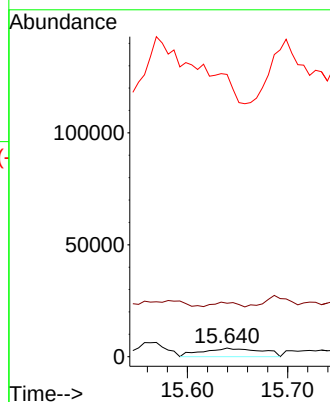
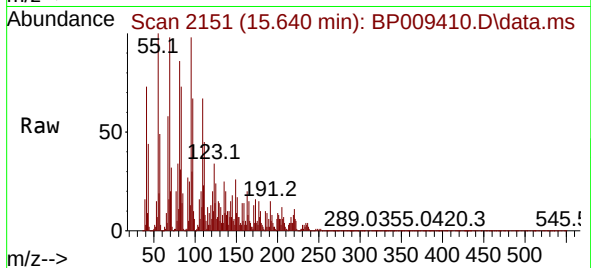




#65
4,6-Dinitro-2-methylphenol
Concen: 2.447 ng
RT: 15.640 min Scan# 2142
Delta R.T. 0.053 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

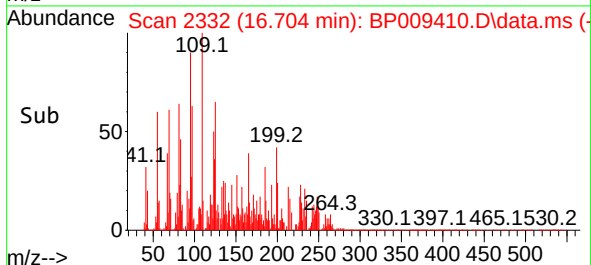
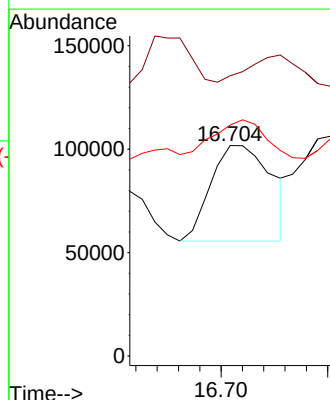
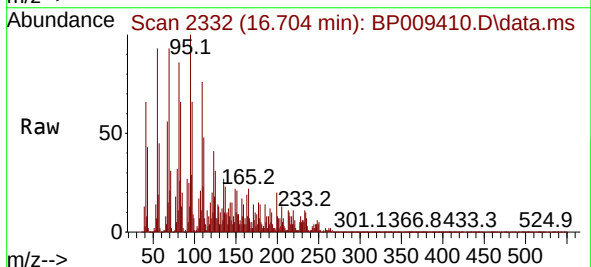
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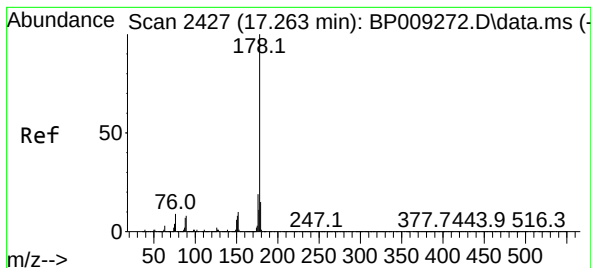
Tgt Ion:198 Resp: 15446
Ion Ratio Lower Upper
198 100
51 620.0 17.7 57.7#
105 3278.0 23.2 63.2#



#69
Atrazine
Concen: 5.764 ng
RT: 16.704 min Scan# 2332
Delta R.T. 0.018 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:200 Resp: 91426
Ion Ratio Lower Upper
200 100
173 133.1 6.2 46.2#
215 109.7 28.5 68.5#





#71

Phenanthrene

Concen: 3.444 ng

RT: 17.287 min Scan# 2427

Delta R.T. 0.024 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

CHRT-24449

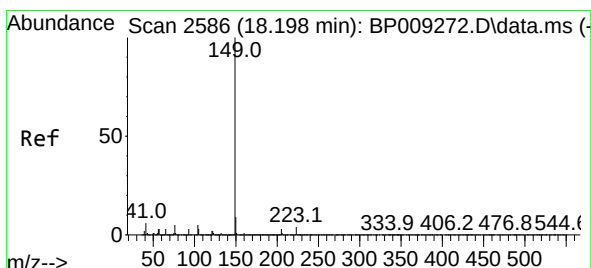
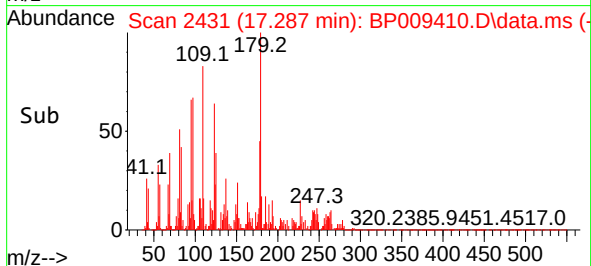
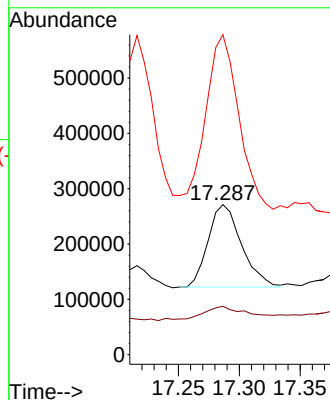
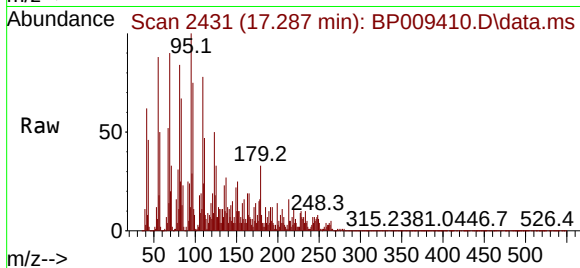
Tgt Ion:178 Resp: 284091

Ion Ratio Lower Upper

178 100

176 32.3 15.4 23.2#

179 213.3 12.3 18.5#



#74

Di-n-butylphthalate

Concen: 2.313 ng

RT: 18.245 min Scan# 2594

Delta R.T. 0.047 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

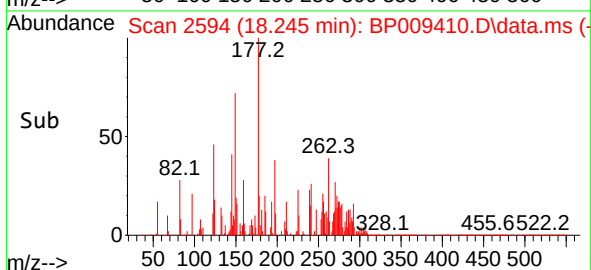
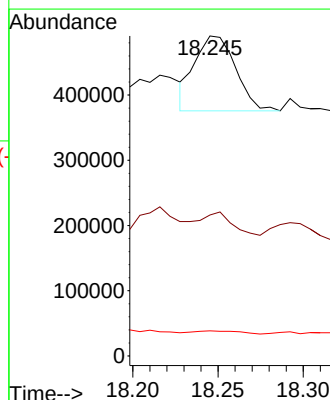
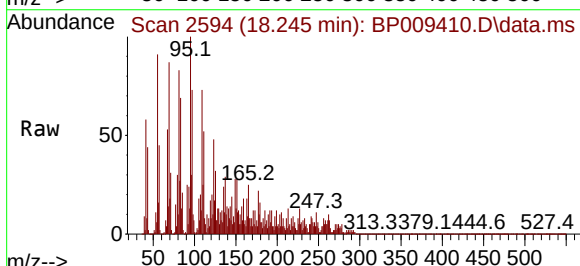
Tgt Ion:149 Resp: 191558

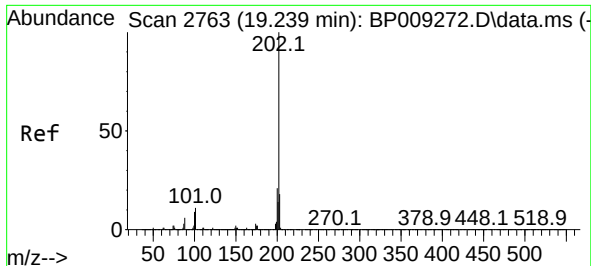
Ion Ratio Lower Upper

149 100

150 44.1 7.3 10.9#

104 7.9 4.2 6.2#

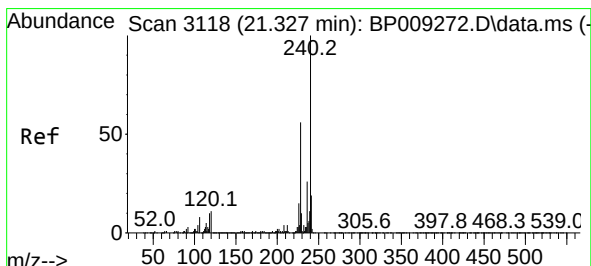
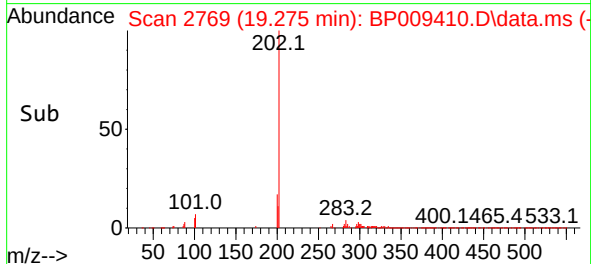
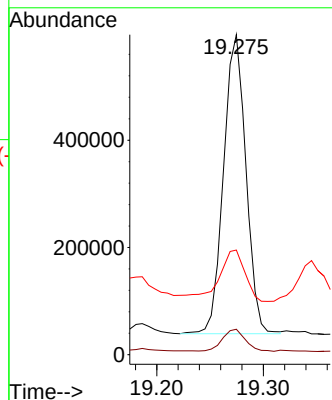
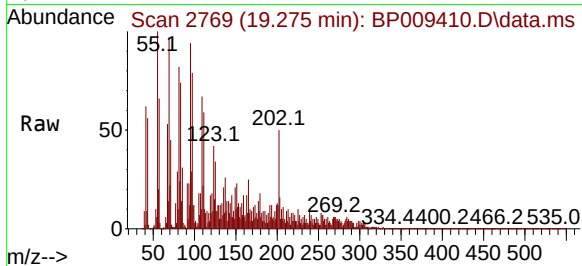




#75
Fluoranthene
Concen: 8.539 ng
RT: 19.275 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

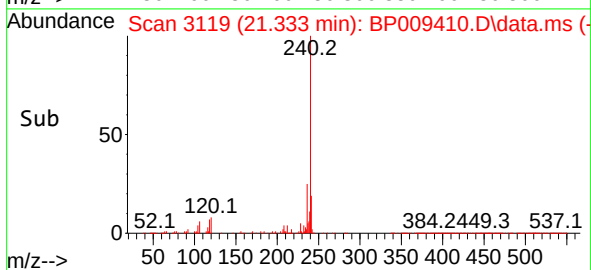
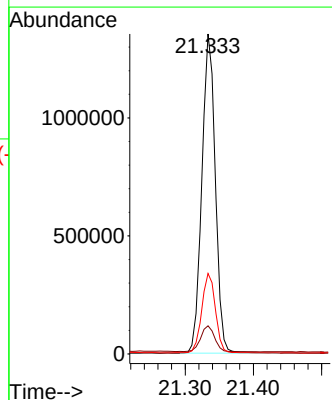
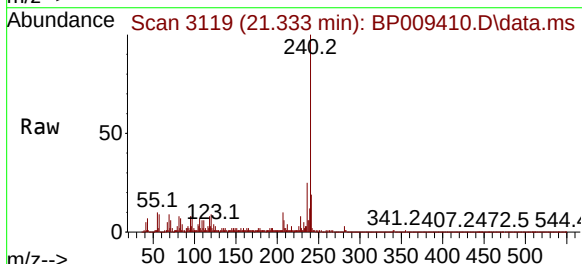
Instrument :
BNA_P
ClientSampleId :
CHRT-24449

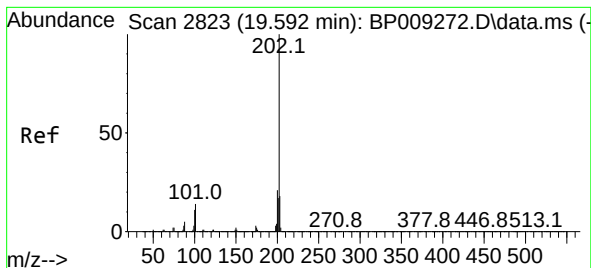
Tgt Ion:202 Resp: 812990
Ion Ratio Lower Upper
202 100
101 7.9 0.0 31.5
203 32.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:240 Resp: 1856214
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.4#
236 25.1 20.6 30.8





#78

Pyrene

Concen: 6.043 ng

RT: 19.622 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

CHRT-24449

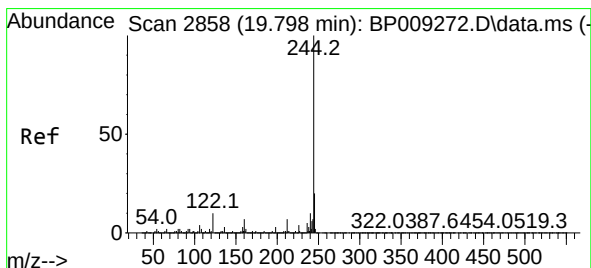
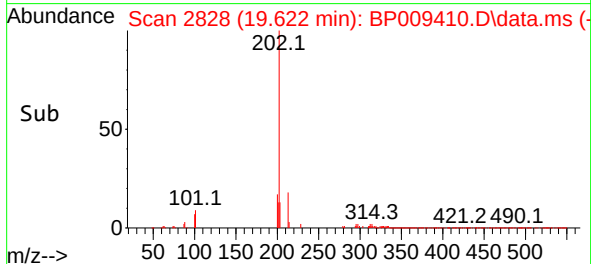
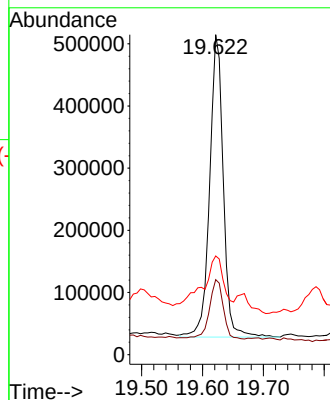
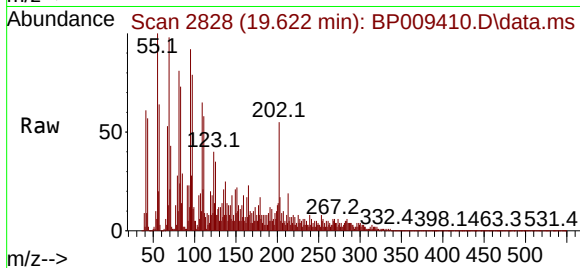
Tgt Ion:202 Resp: 757404

Ion Ratio Lower Upper

202 100

200 23.5 16.8 25.2

203 30.8 14.2 21.4#



#79

Terphenyl-d14

Concen: 27.720 ng

RT: 19.810 min Scan# 2860

Delta R.T. 0.012 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

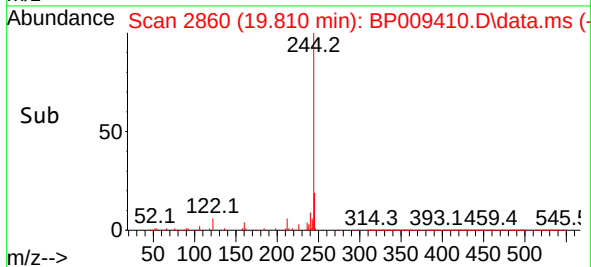
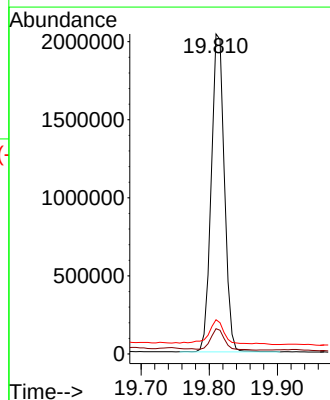
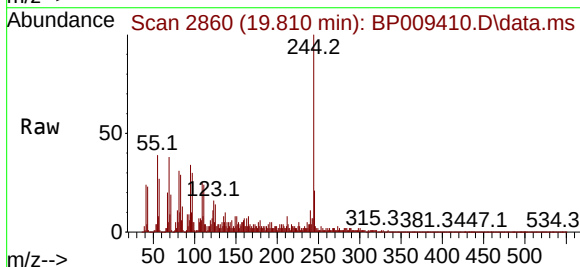
Tgt Ion:244 Resp: 2726609

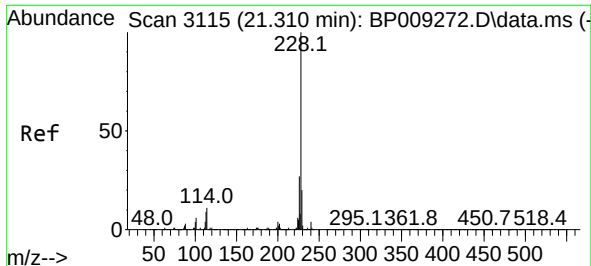
Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

122 10.7 8.3 12.5

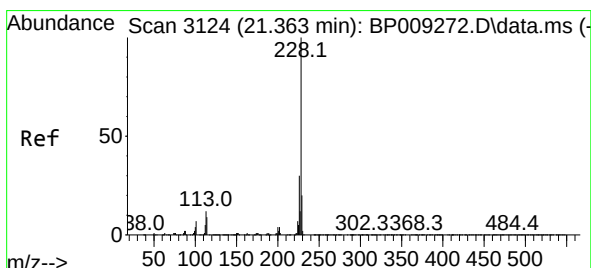
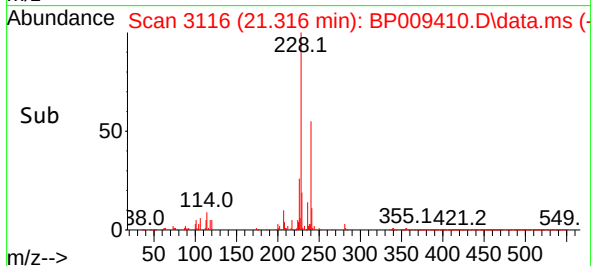
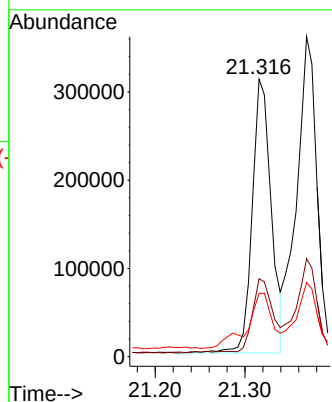
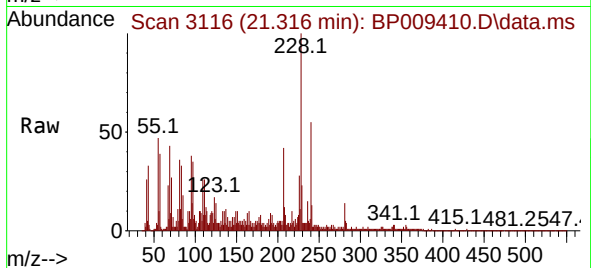




#81
Benzo(a)anthracene
Concen: 3.634 ng
RT: 21.316 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

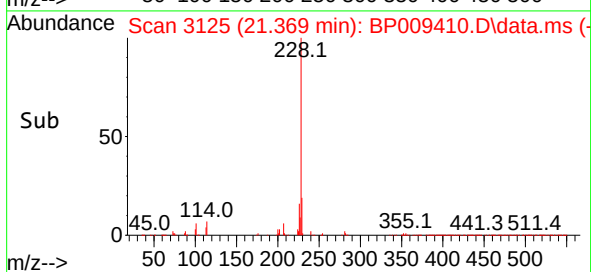
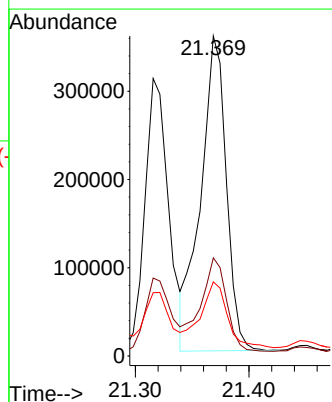
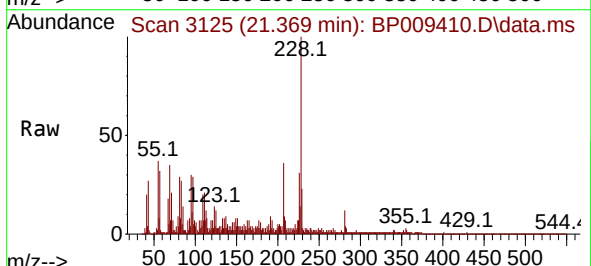
Instrument :
BNA_P
ClientSampleId :
CHRT-24449

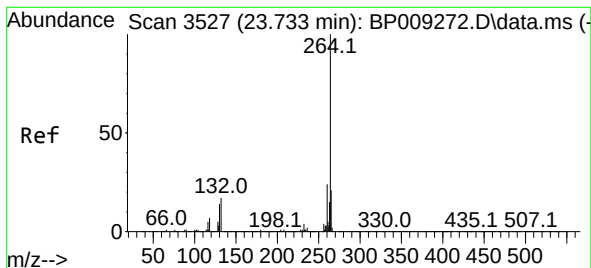
Tgt Ion:228 Resp: 457205
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 22.8 16.1 24.1



#83
Chrysene
Concen: 4.585 ng
RT: 21.369 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:228 Resp: 560095
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 23.1 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3527

Delta R.T. 0.006 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

CHRT-24449

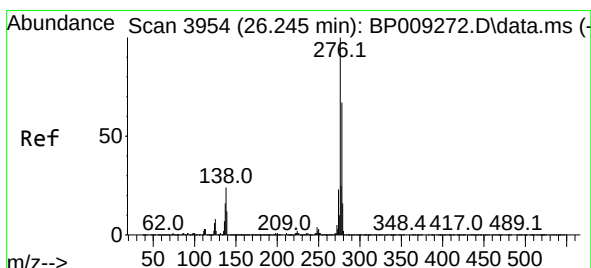
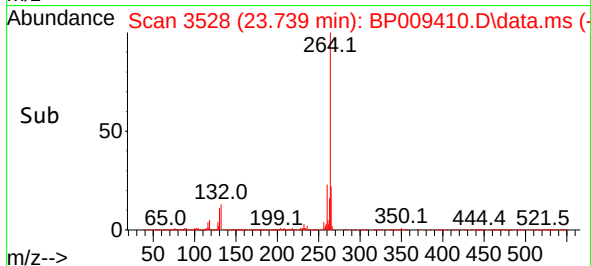
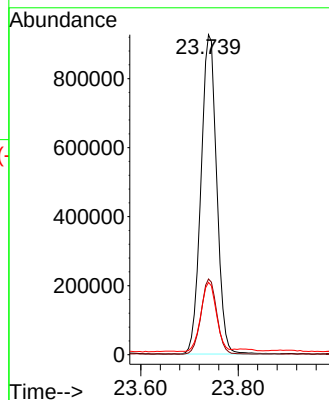
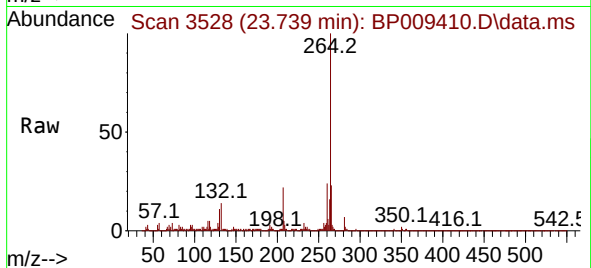
Tgt Ion:264 Resp: 2072339

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 22.6 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.795 ng

RT: 26.245 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

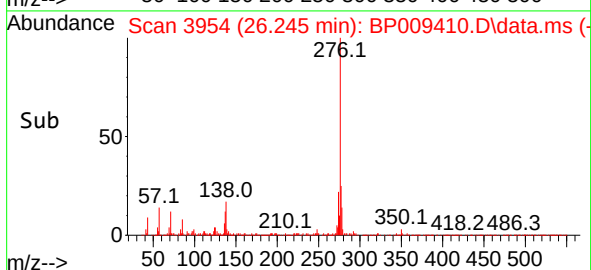
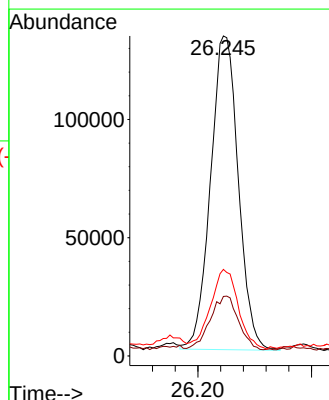
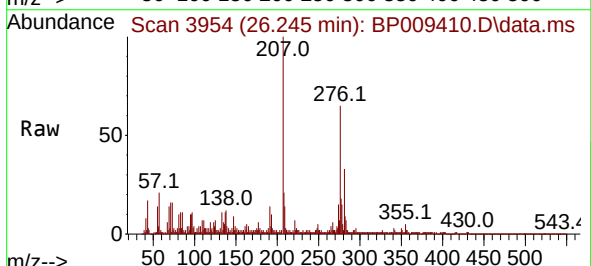
Tgt Ion:276 Resp: 449990

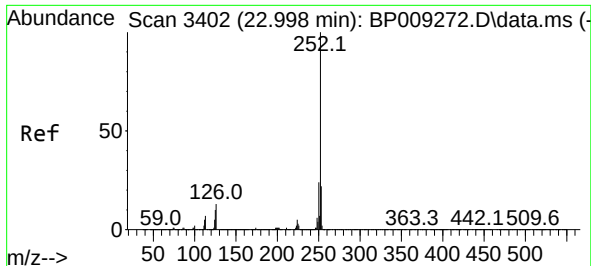
Ion Ratio Lower Upper

276 100

138 17.4 20.5 30.7#

277 25.6 20.4 30.6

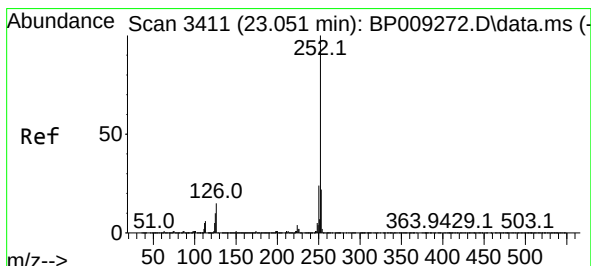
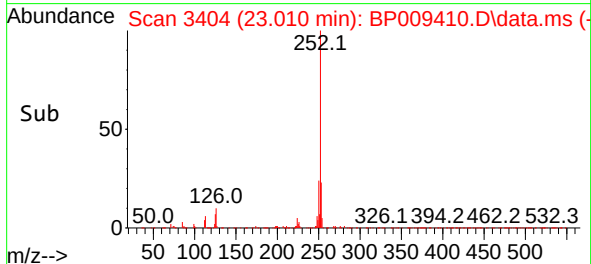
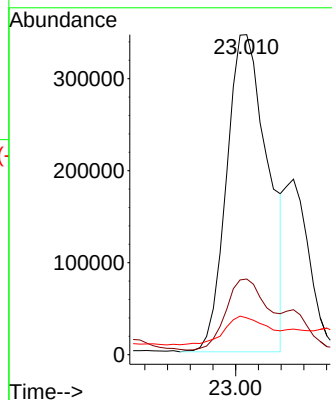
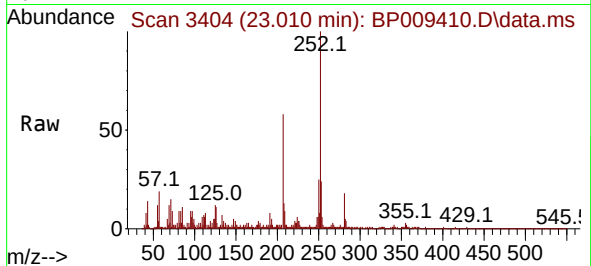




#88
Benzo(b)fluoranthene
Concen: 6.236 ng
RT: 23.010 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

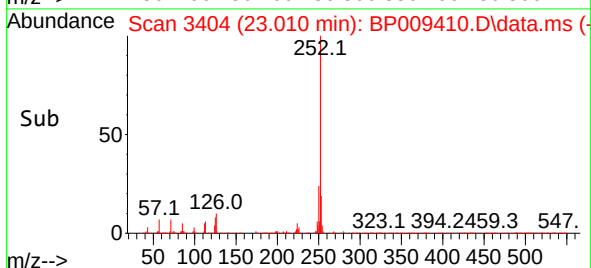
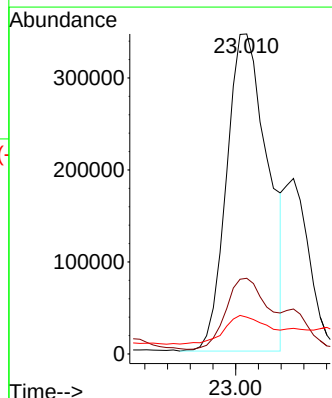
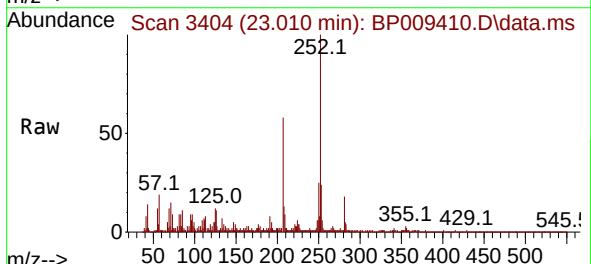
Instrument :
BNA_P
ClientSampleId :
CHRT-24449

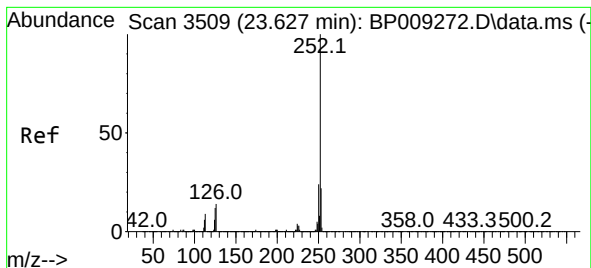
Tgt Ion:252 Resp: 872565
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 11.5 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 6.528 ng
RT: 23.010 min Scan# 3404
Delta R.T. -0.041 min
Lab File: BP009410.D
Acq: 15 Mar 2022 21:53

Tgt Ion:252 Resp: 872565
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 11.5 8.3 12.5





#90

Benzo(a)pyrene

Concen: 3.895 ng

RT: 23.633 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

CHRT-24449

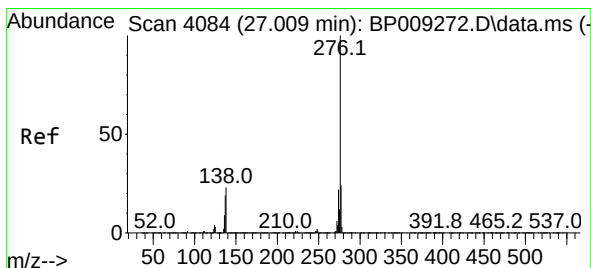
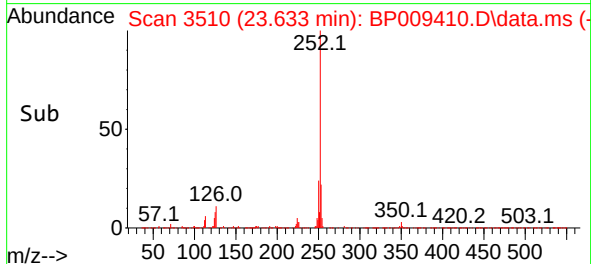
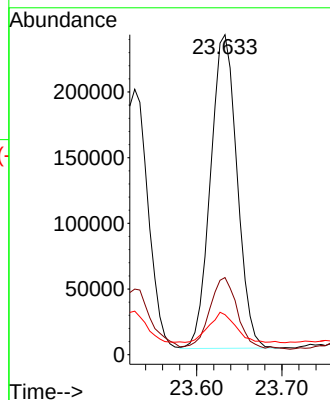
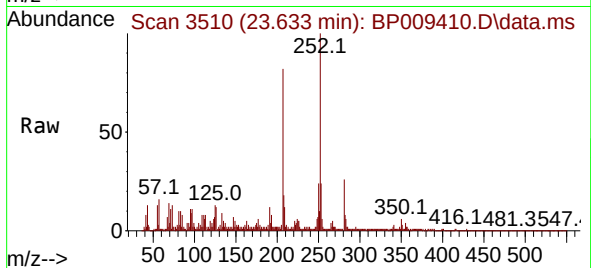
Tgt Ion:252 Resp: 516930

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 12.5 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 3.433 ng

RT: 27.015 min Scan# 4085

Delta R.T. 0.006 min

Lab File: BP009410.D

Acq: 15 Mar 2022 21:53

Tgt Ion:276 Resp: 463023

Ion Ratio Lower Upper

276 100

277 25.2 19.2 28.8

138 18.7 18.0 27.0

