

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009392.D
 Acq On : 14 Mar 2022 20:48
 Operator : CG/JU
 Sample : N1905-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1C

Quant Time: Mar 15 01:01:41 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)

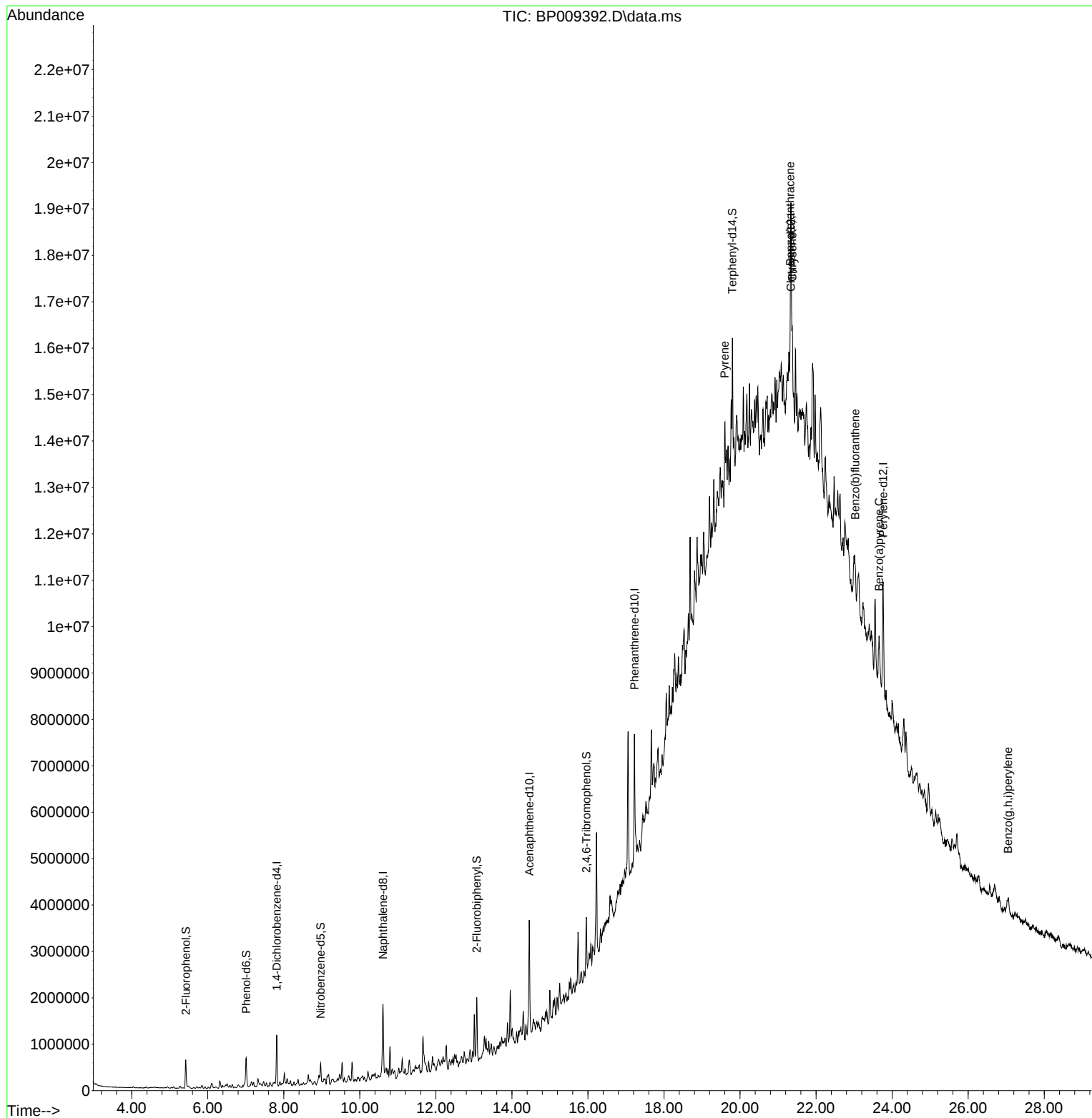
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	326749	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1312764	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	847279	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1786079	20.000	ng	0.00
76) Chrysene-d12	21.339	240	2101128	20.000	ng	0.01
86) Perylene-d12	23.762	264	2104221	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	329076	14.701	ng	0.01
7) Phenol-d6	7.010	99	439152	15.438	ng	0.02
23) Nitrobenzene-d5	8.969	82	281698	11.819	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	264202	25.824	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	732785	11.894	ng	-0.01
79) Terphenyl-d14	19.798	244	1419065	12.745	ng	0.00
Target Compounds						
					Qvalue	
78) Pyrene	19.598	202	900466	6.347	ng	# 91
81) Benzo(a)anthracene	21.321	228	842877	5.919	ng	# 70
83) Chrysene	21.374	228	1557915	11.267	ng	# 81
88) Benzo(b)fluoranthene	23.027	252	597996	4.209	ng	# 65
90) Benzo(a)pyrene	23.657	252	746360	5.539	ng	# 78
92) Benzo(g,h,i)perylene	27.051	276	506063	3.695	ng	# 92

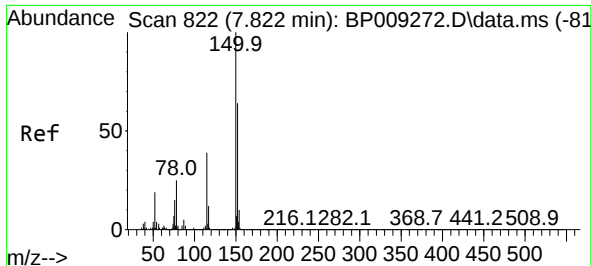
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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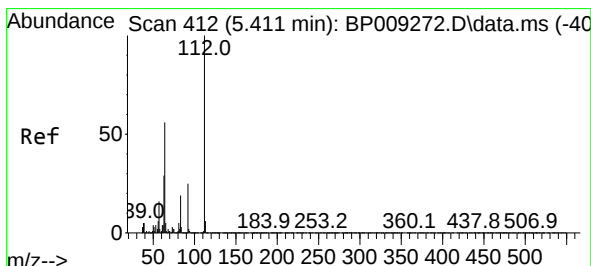
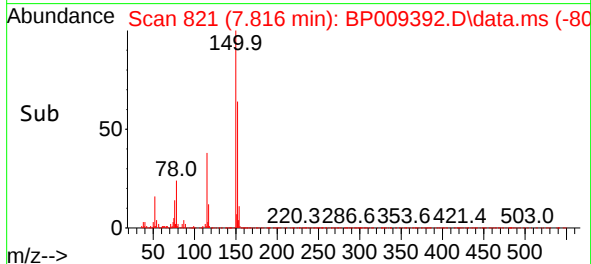
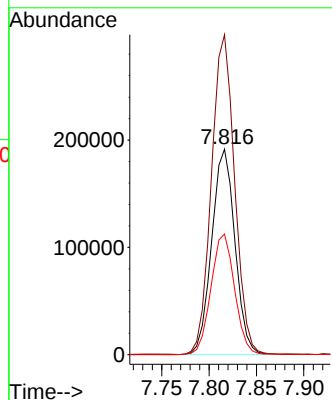
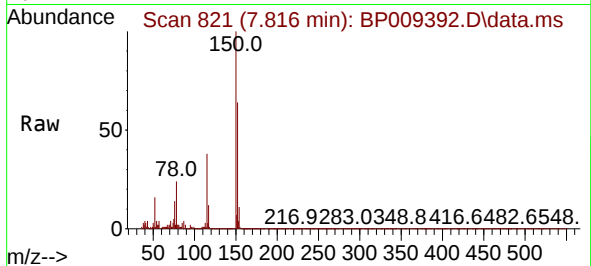




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

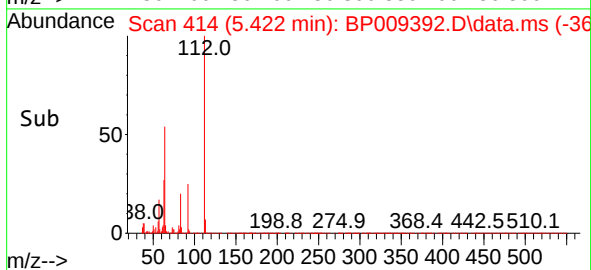
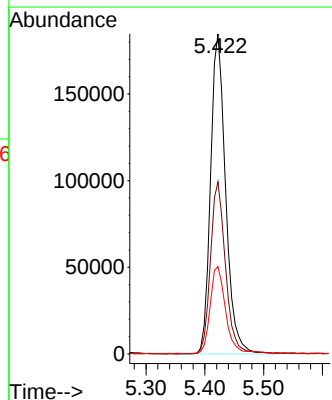
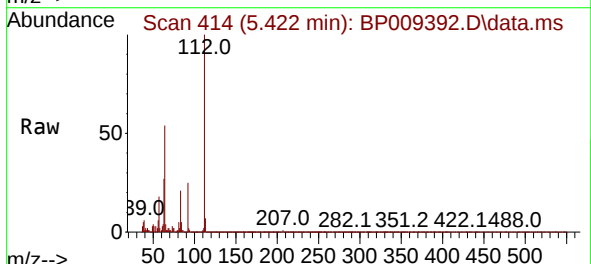
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C

Tgt Ion:152 Resp: 326749
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 14.701 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

Tgt Ion:112 Resp: 329076
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.3 23.0 34.6

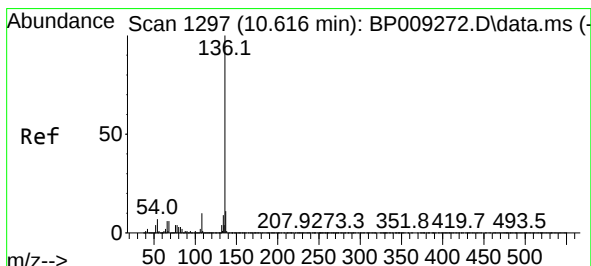
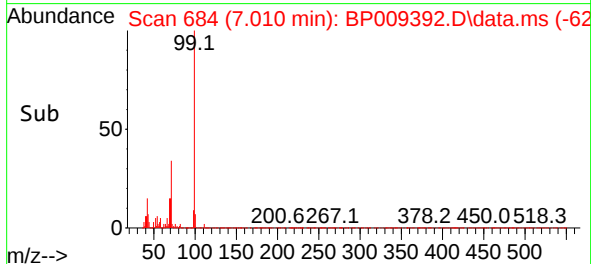
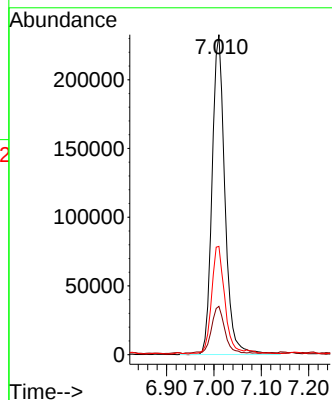
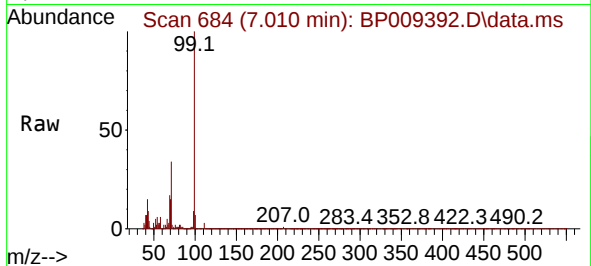




#7
Phenol-d6
Concen: 15.438 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.023 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

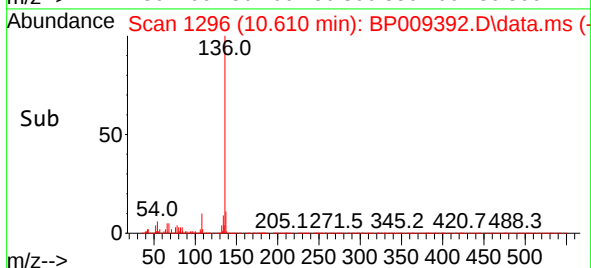
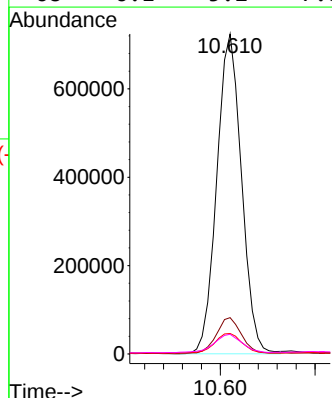
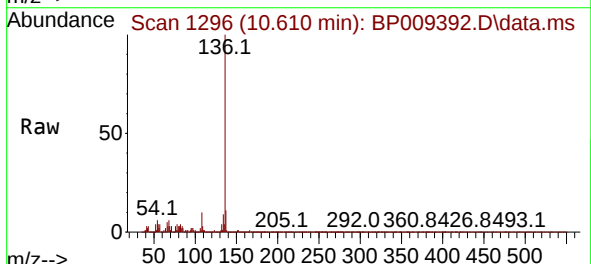
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C

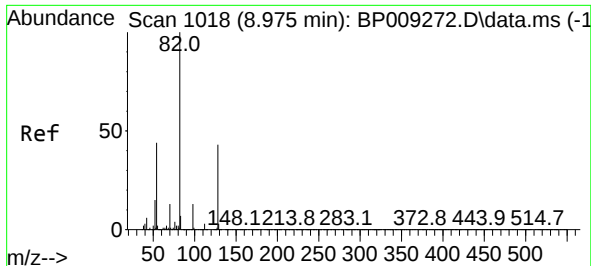
Tgt Ion: 99 Resp: 439152
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 33.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

Tgt Ion:136 Resp: 1312764
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 6.4 5.8 8.8
68 6.1 5.2 7.8

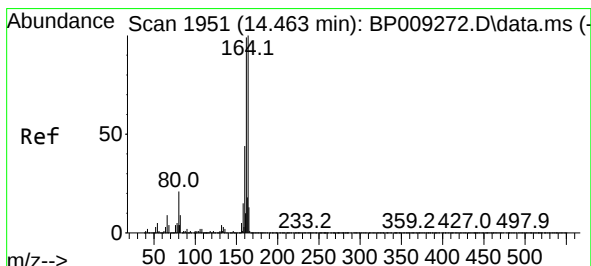
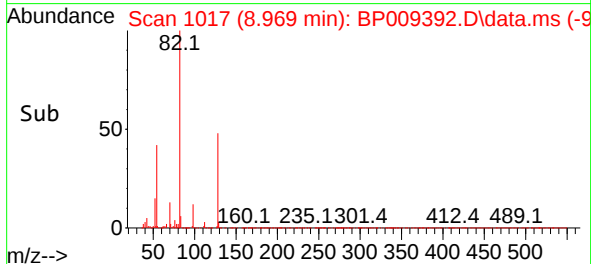
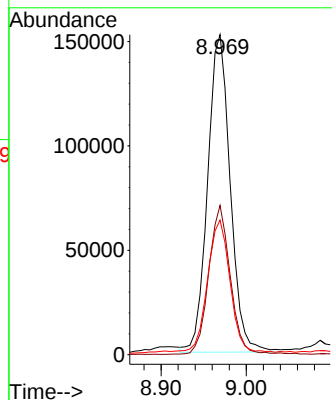
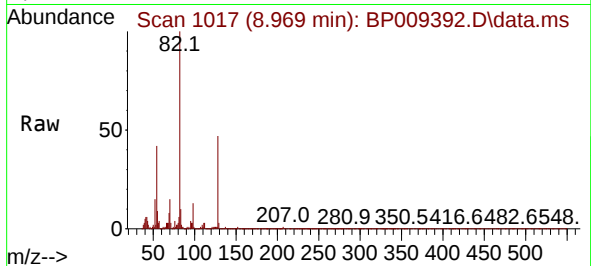




#23
 Nitrobenzene-d5
 Concen: 11.819 ng
 RT: 8.969 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: BP009392.D
 Acq: 14 Mar 2022 20:48

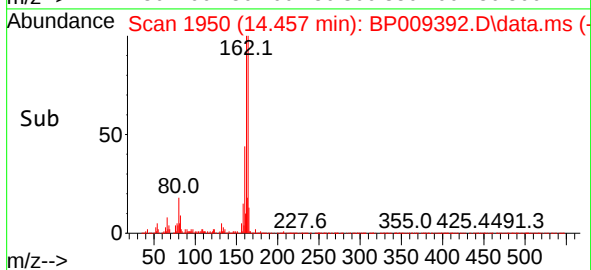
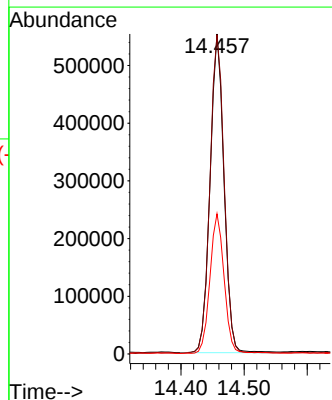
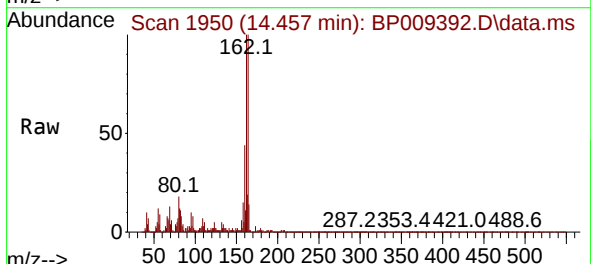
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1C

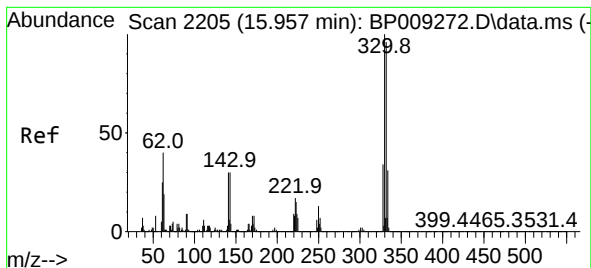
Tgt Ion: 82 Resp: 281698
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.2 51.4
 54 42.1 34.7 52.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: BP009392.D
 Acq: 14 Mar 2022 20:48

Tgt Ion: 164 Resp: 847279
 Ion Ratio Lower Upper
 164 100
 162 99.8 79.1 118.7
 160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 25.824 ng

RT: 15.957 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

Instrument :

BNA_P

ClientSampleId :

WC-14A-1C

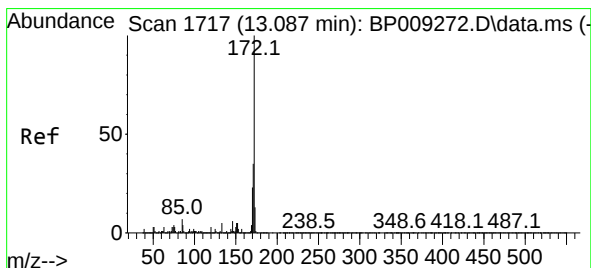
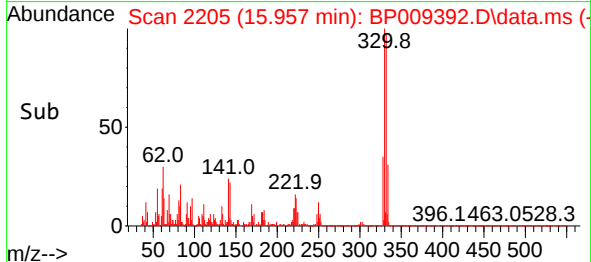
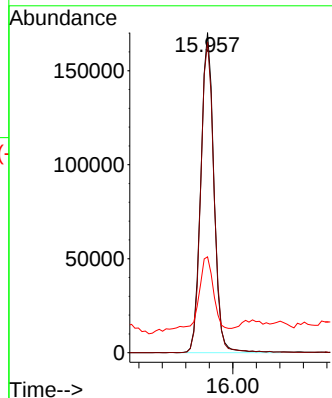
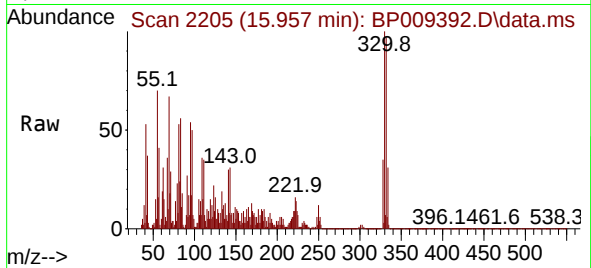
Tgt Ion:330 Resp: 264202

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

141 31.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 11.894 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

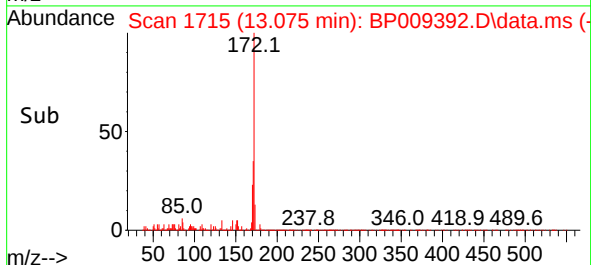
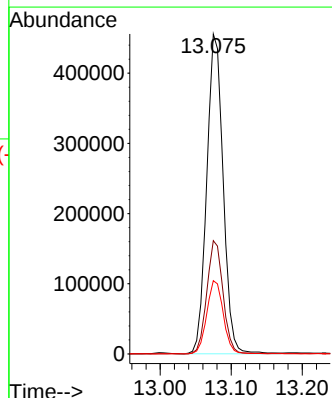
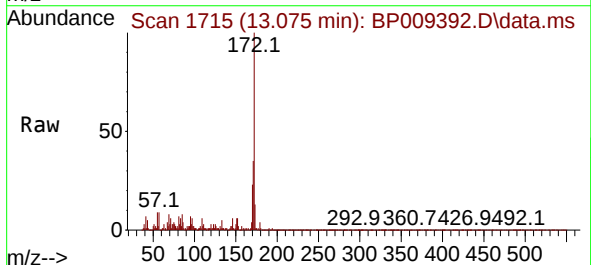
Tgt Ion:172 Resp: 732785

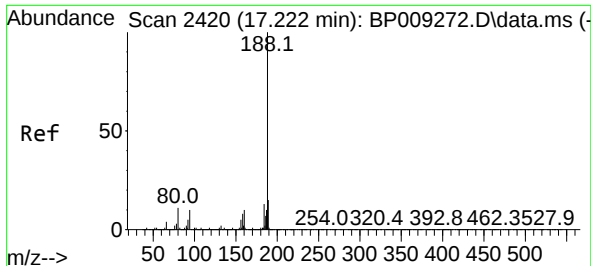
Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 22.9 18.6 27.8

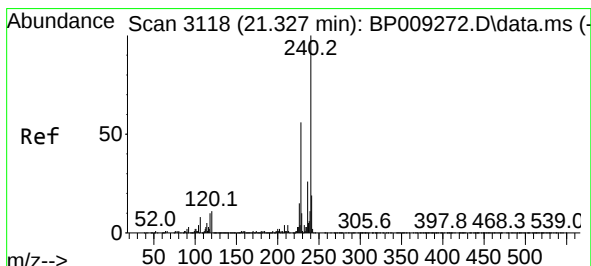
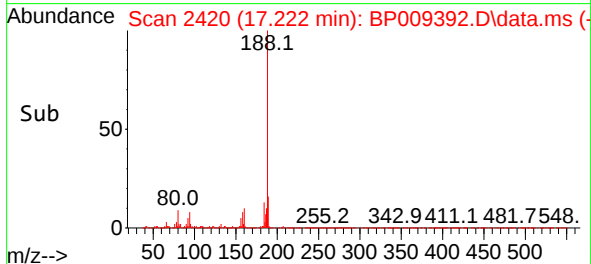
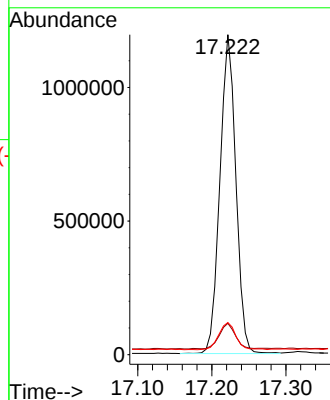
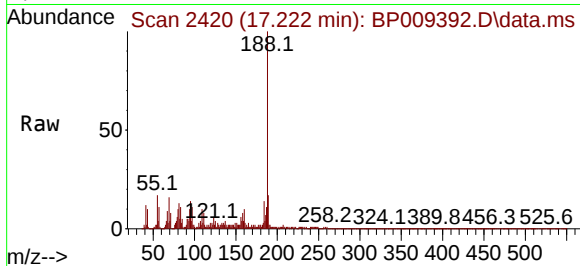




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

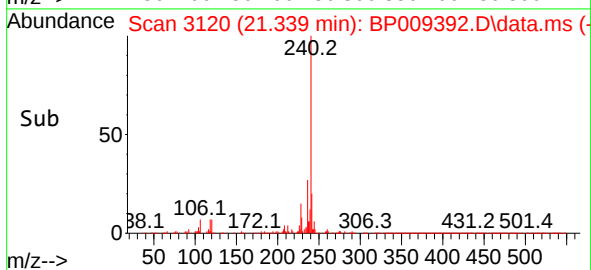
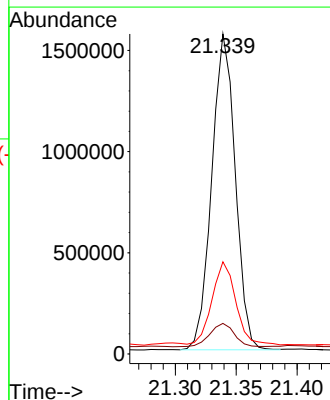
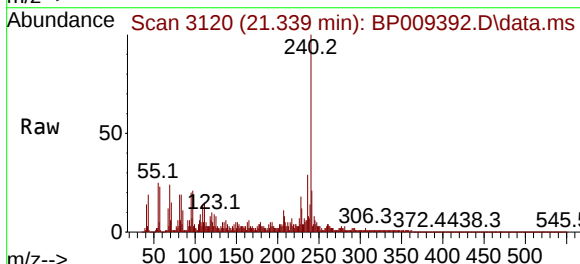
Instrument :
BNA_P
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WC-14A-1C

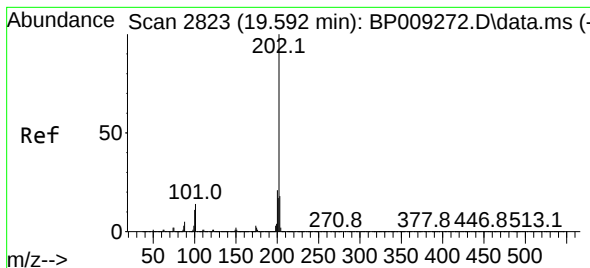
Tgt Ion:188 Resp: 1786079
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

Tgt Ion:240 Resp: 2101128
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 28.8 20.6 30.8





#78

Pyrene

Concen: 6.347 ng

RT: 19.598 min Scan# 2823

Delta R.T. 0.006 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

Instrument :

BNA_P

ClientSampleId :

WC-14A-1C

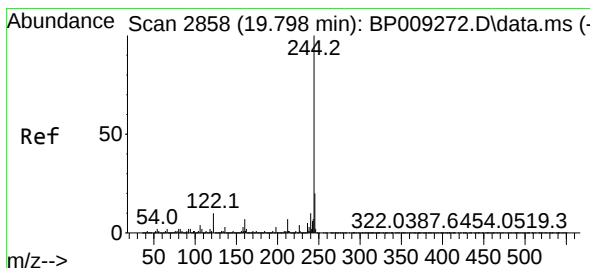
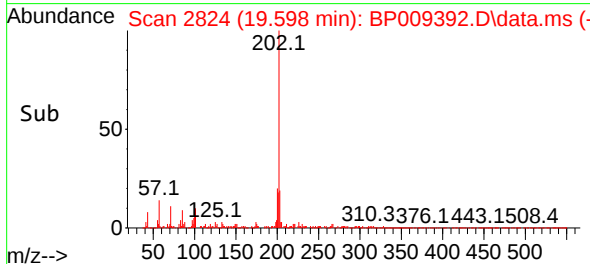
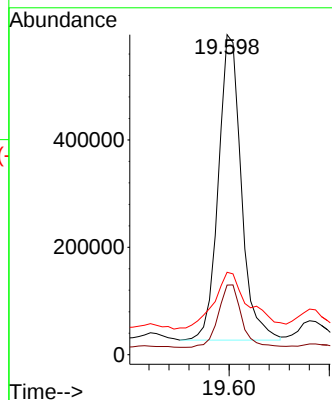
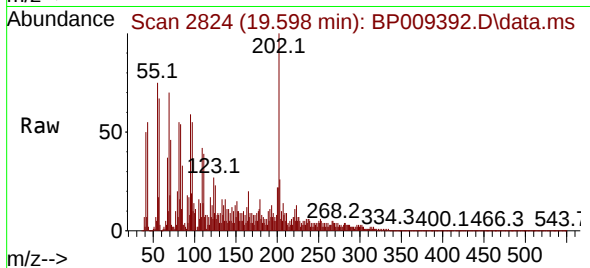
Tgt Ion:202 Resp: 900466

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 25.8 14.2 21.4#



#79

Terphenyl-d14

Concen: 12.745 ng

RT: 19.798 min Scan# 2858

Delta R.T. -0.000 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

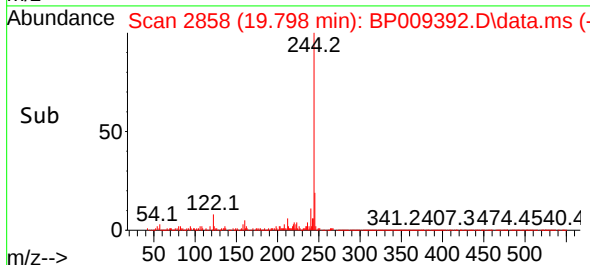
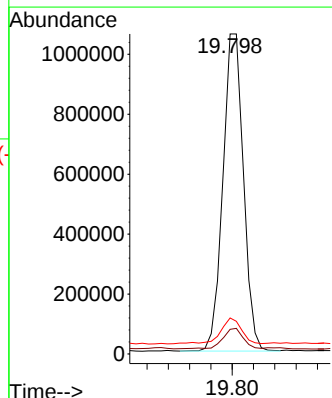
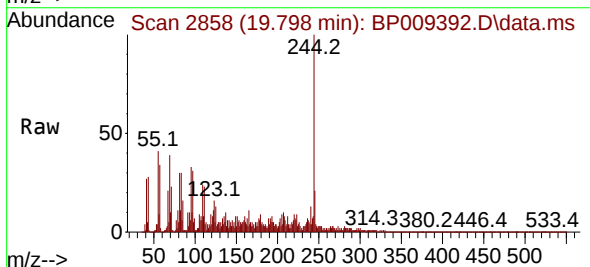
Tgt Ion:244 Resp: 1419065

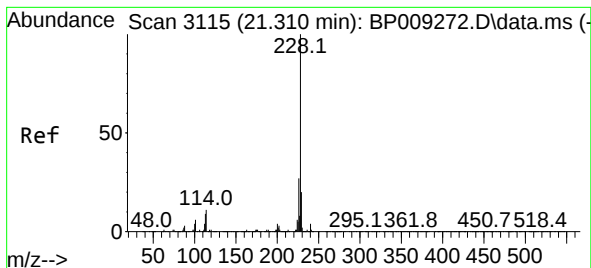
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 11.2 8.3 12.5





#81

Benzo(a)anthracene

Concen: 5.919 ng

RT: 21.321 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

Instrument :

BNA_P

ClientSampleId :

WC-14A-1C

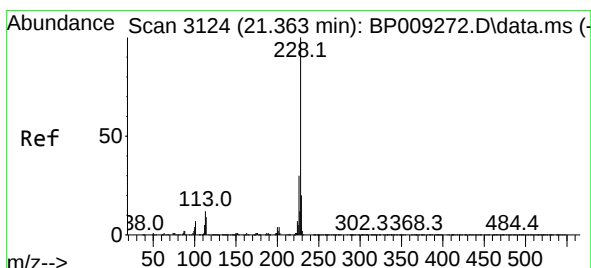
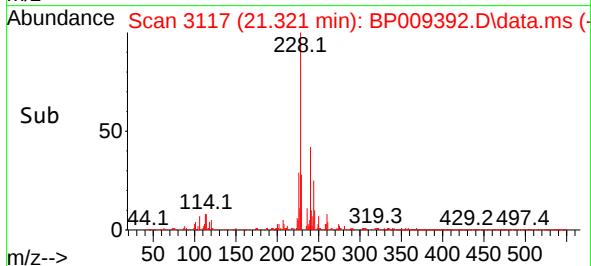
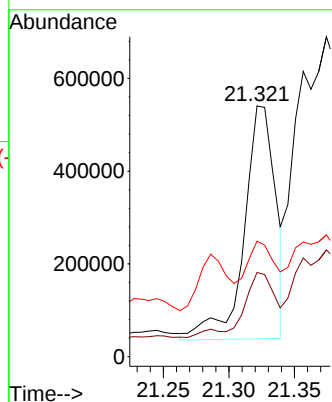
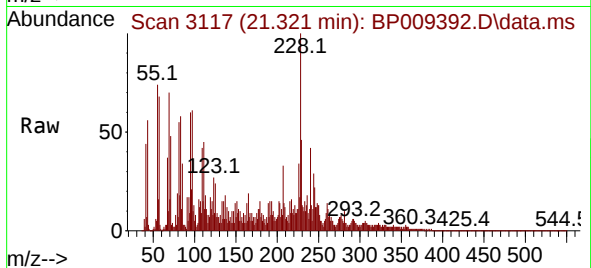
Tgt Ion:228 Resp: 842877

Ion Ratio Lower Upper

228 100

226 33.6 22.0 33.0#

229 46.0 16.1 24.1#



#83

Chrysene

Concen: 11.267 ng

RT: 21.374 min Scan# 3126

Delta R.T. 0.012 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

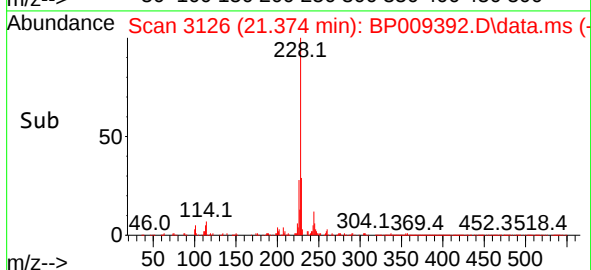
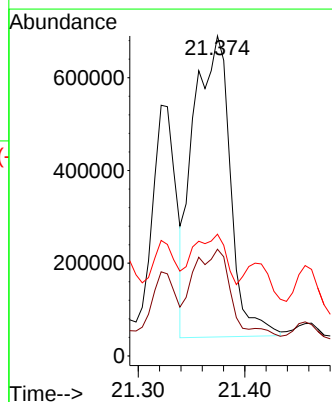
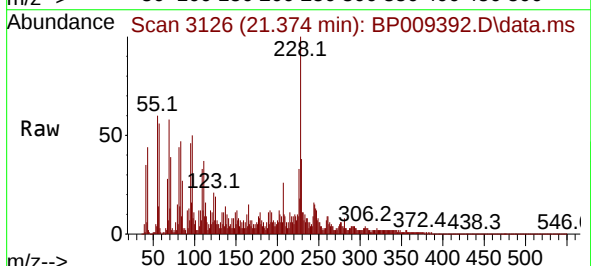
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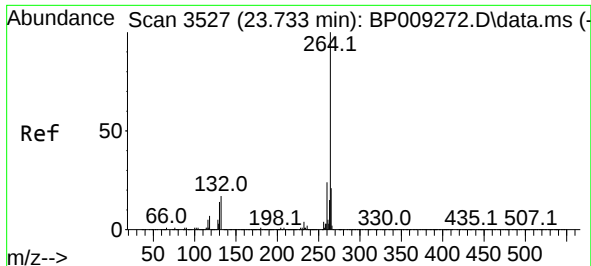
Ion Ratio Lower Upper

228 100

226 33.3 24.2 36.2

229 38.1 16.1 24.1#

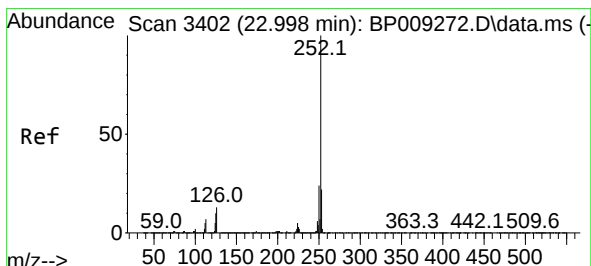
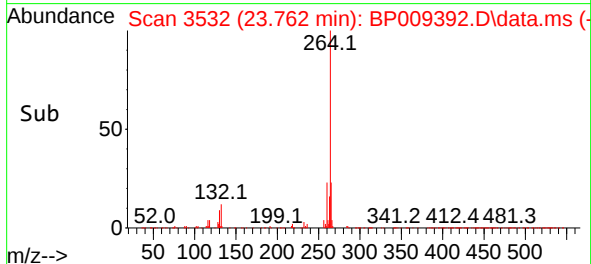
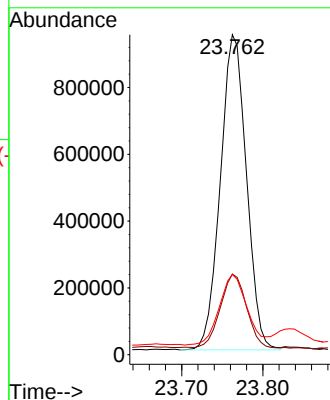
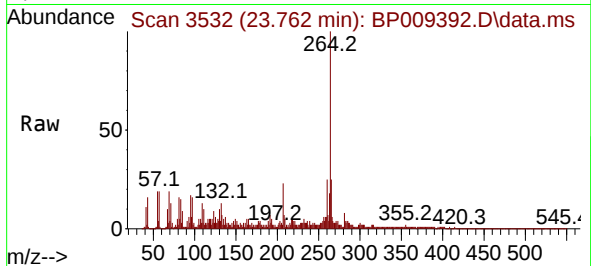




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.762 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

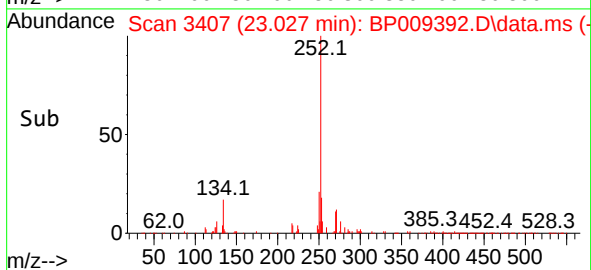
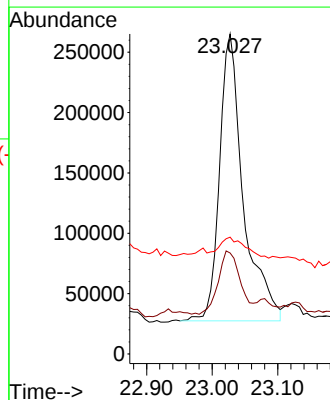
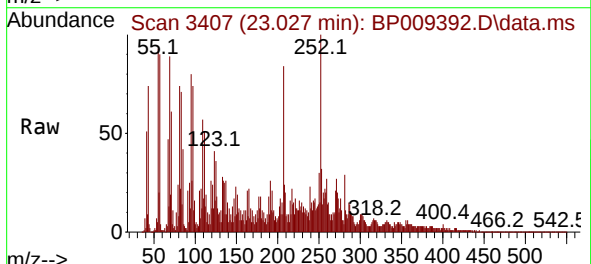
Instrument :
BNA_P
ClientSampleId :
WC-14A-1C

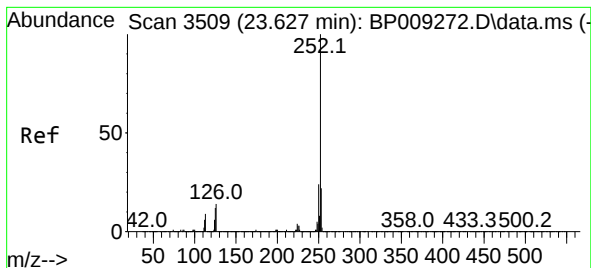
Tgt Ion:264 Resp: 2104221
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.0
265 25.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.209 ng
RT: 23.027 min Scan# 3407
Delta R.T. 0.029 min
Lab File: BP009392.D
Acq: 14 Mar 2022 20:48

Tgt Ion:252 Resp: 597996
Ion Ratio Lower Upper
252 100
253 31.5 17.8 26.8#
125 36.5 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 5.539 ng

RT: 23.657 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

Instrument :

BNA_P

ClientSampleId :

WC-14A-1C

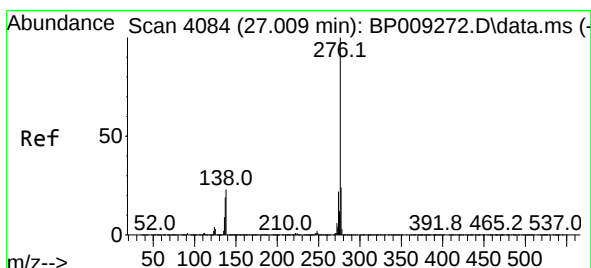
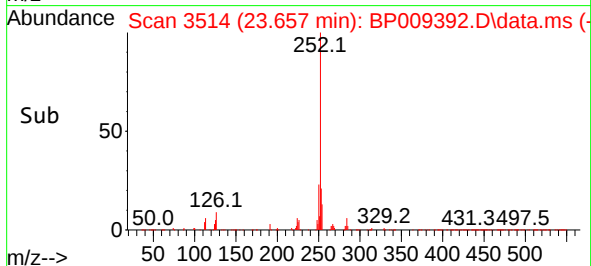
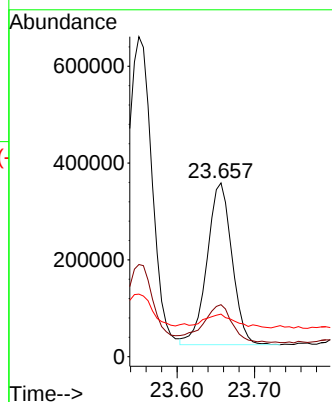
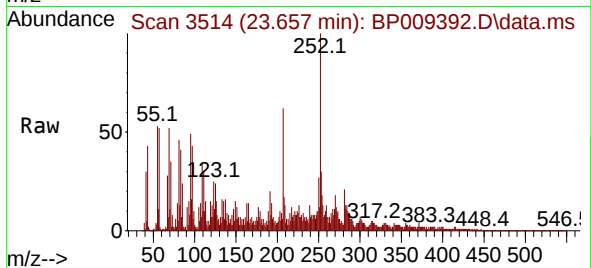
Tgt Ion:252 Resp: 746360

Ion Ratio Lower Upper

252 100

253 29.9 17.8 26.6#

125 24.5 9.3 13.9#



#92

Benzo(g,h,i)perylene

Concen: 3.695 ng

RT: 27.051 min Scan# 4091

Delta R.T. 0.041 min

Lab File: BP009392.D

Acq: 14 Mar 2022 20:48

Tgt Ion:276 Resp: 506063

Ion Ratio Lower Upper

276 100

277 29.6 19.2 28.8#

138 20.3 18.0 27.0

