

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020619.D
 Acq On : 13 Jun 2024 20:19
 Operator : MA/JU
 Sample : P2864-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-I

Quant Time: Jun 13 23:38:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

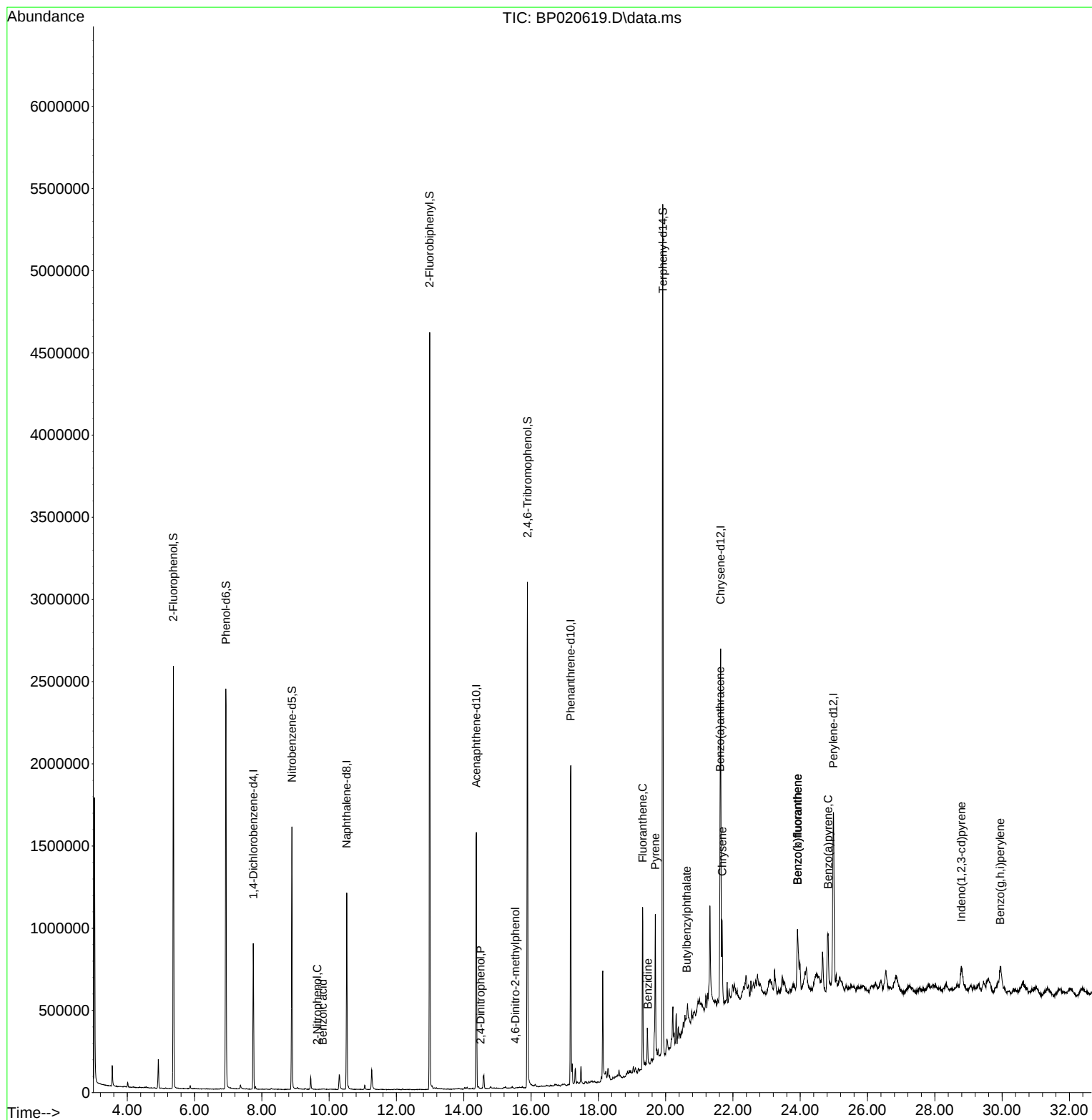
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	238022	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	938945	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	597034	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1254591	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1101369	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1278829	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	1123592	84.519	ng	0.00
7) Phenol-d6	6.928	99	1461647	77.963	ng	0.00
23) Nitrobenzene-d5	8.893	82	891327	51.964	ng	-0.03
42) 2,4,6-Tribromophenol	15.892	330	655692	105.824	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2175565	54.321	ng	-0.02
79) Terphenyl-d14	19.916	244	3305182	49.958	ng	-0.03
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.646	139	13	3.793	ng	# 1
32) Benzoic acid	9.810	122	157	6.862	ng	# 13
54) 2,4-Dinitrophenol	14.498	184	30	4.983	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	33	7.658	ng	# 1
75) Fluoranthene	19.316	202	597866	8.194	ng	99
77) Benzidine	19.475	184	511	5.982	ng	# 1
78) Pyrene	19.692	202	550798	6.649	ng	99
80) Butylbenzylphthalate	20.628	149	1977	2.487	ng	# 89
81) Benzo(a)anthracene	21.616	228	409103	5.641	ng	98
83) Chrysene	21.680	228	374082	5.474	ng	98
87) Indeno(1,2,3-cd)pyrene	28.786	276	291100	3.743	ng	# 87
88) Benzo(b)fluoranthene	23.921	252	545640	6.849	ng	97
89) Benzo(k)fluoranthene	23.921	252	545640	7.022	ng	97
90) Benzo(a)pyrene	24.827	252	396643	6.012	ng	98
92) Benzo(g,h,i)perylene	29.945	276	257676	3.974	ng	97

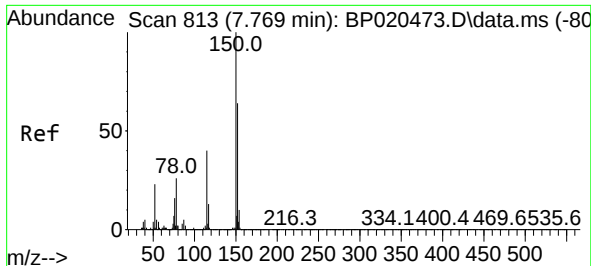
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
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Quant Time: Jun 13 23:38:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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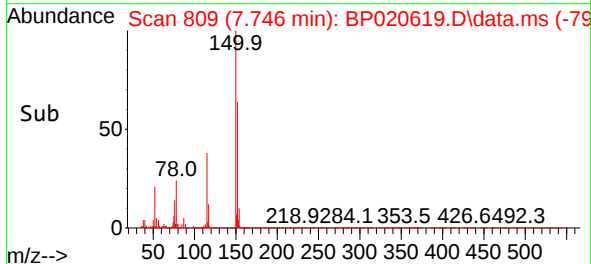
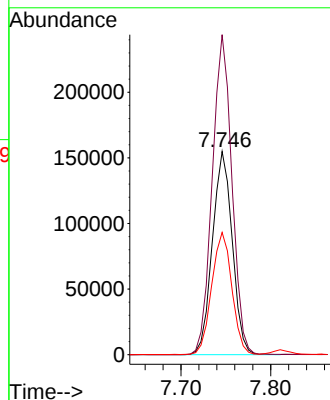
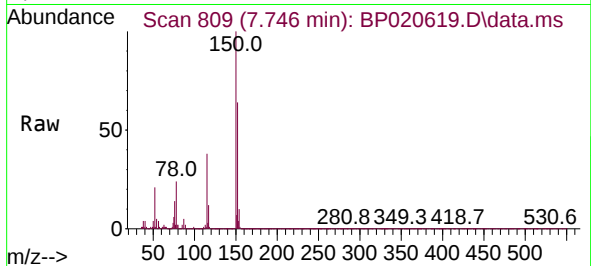




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 813
Delta R.T. -0.023 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

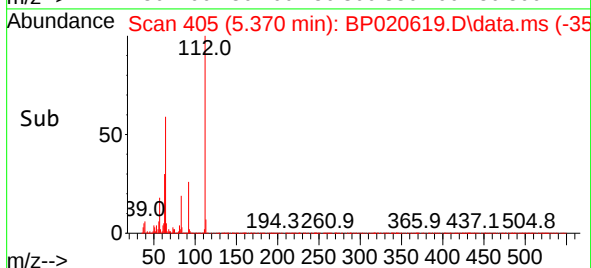
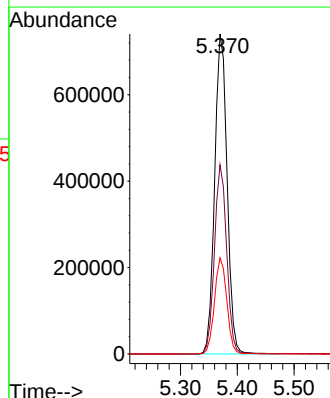
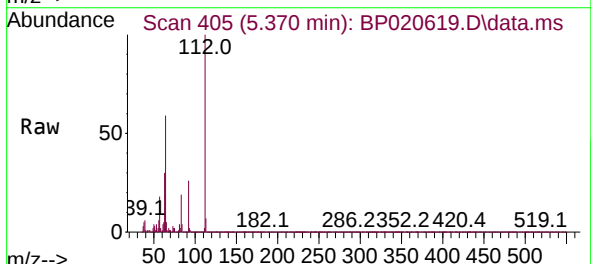
Instrument :
BNA_P
ClientSampleId :
WC-I

Tgt Ion:152 Resp: 238022
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 60.1 49.5 74.3



#5
2-Fluorophenol
Concen: 84.519 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

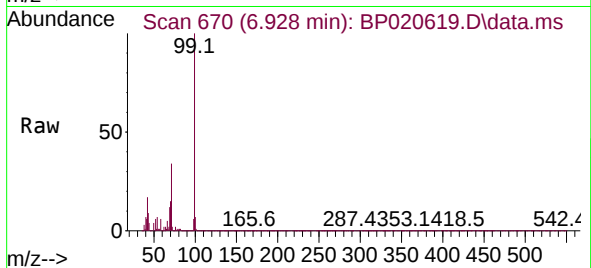
Tgt Ion:112 Resp: 1123592
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 30.0 25.7 38.5



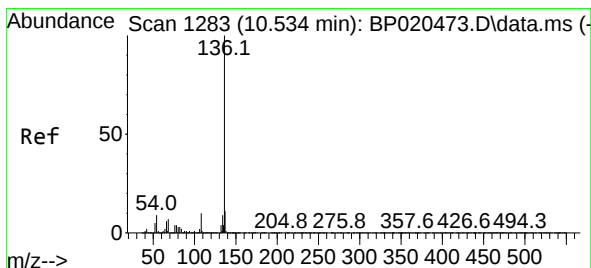
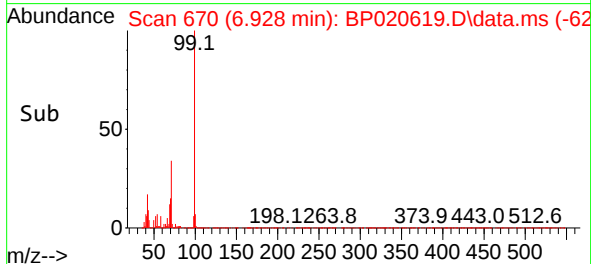
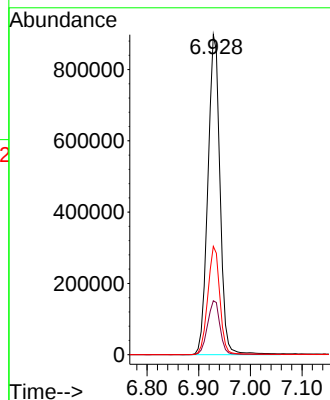


#7
Phenol-d6
Concen: 77.963 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Instrument :
BNA_P
ClientSampleId :
WC-I

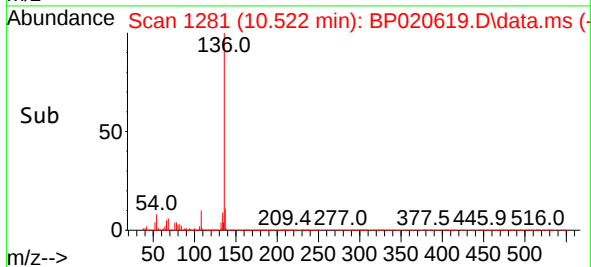
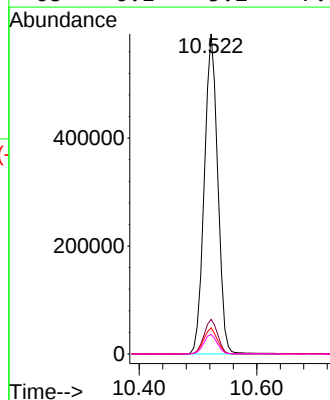
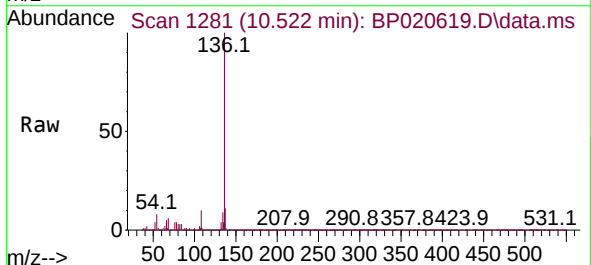


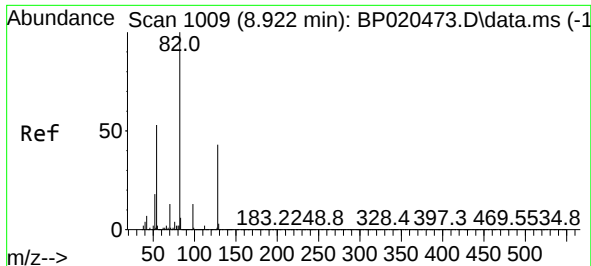
Tgt Ion: 99 Resp: 1461647
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.4
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:136 Resp: 938945
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8

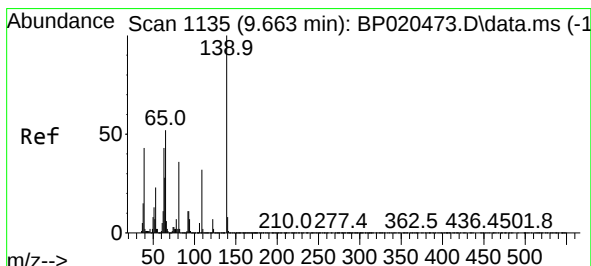
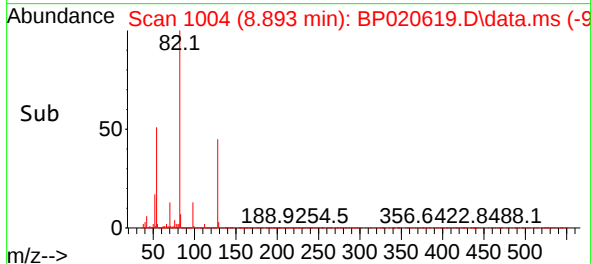
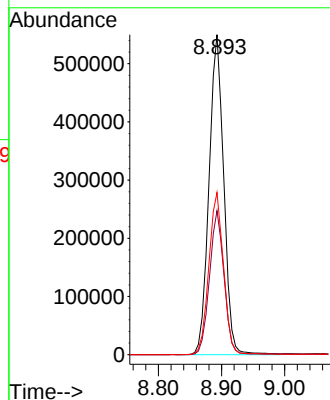
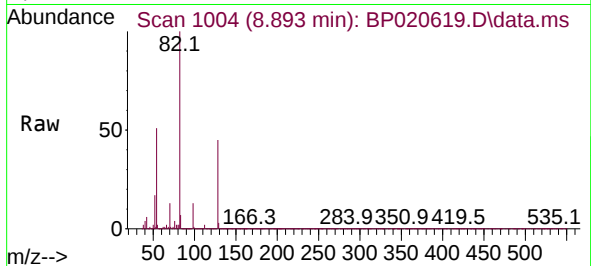




#23
Nitrobenzene-d5
Concen: 51.964 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.029 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

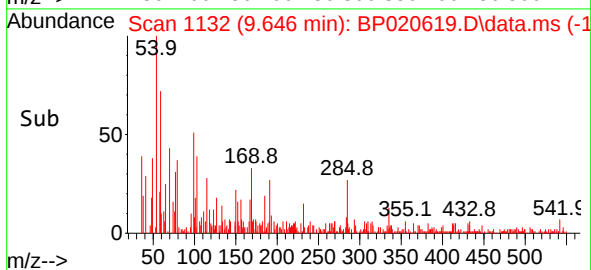
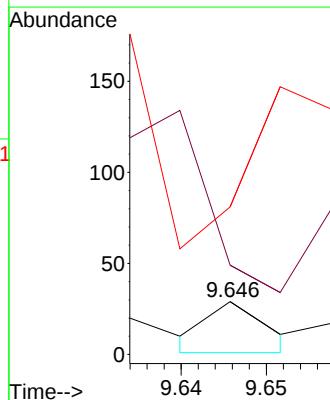
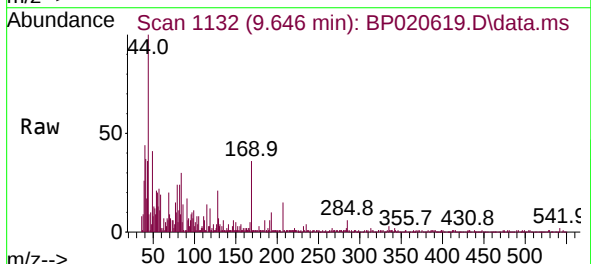
Instrument :
BNA_P
ClientSampleId :
WC-I

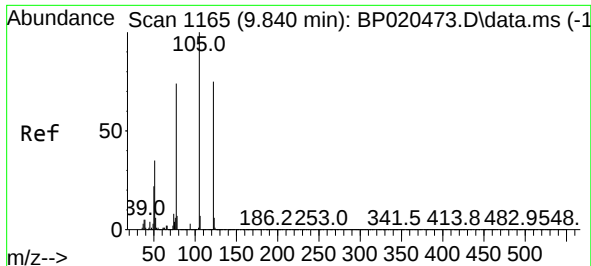
Tgt Ion: 82 Resp: 891327
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 50.7 42.7 64.1



#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion: 139 Resp: 13
Ion Ratio Lower Upper
139 100
109 119.5 25.8 38.8#
65 197.6 41.8 62.8#

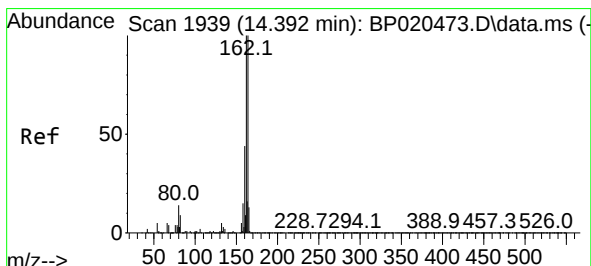
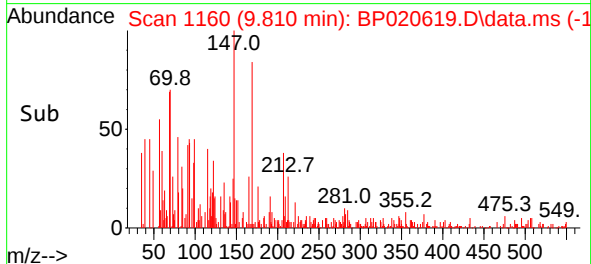
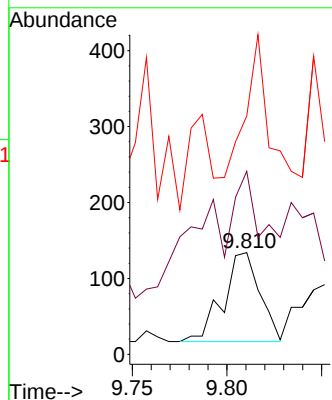
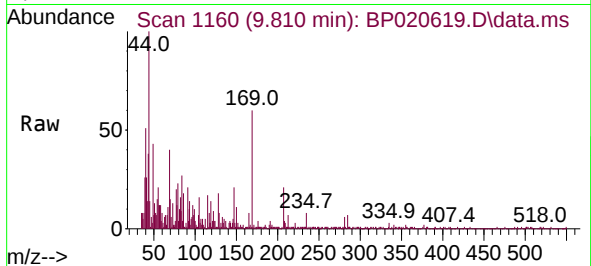




#32
Benzoic acid
Concen: 6.862 ng
RT: 9.810 min Scan# 1165
Delta R.T. -0.030 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

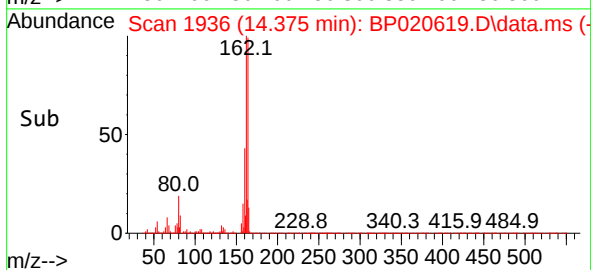
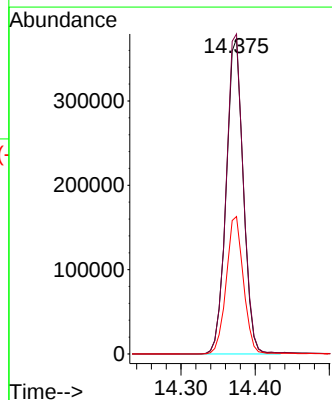
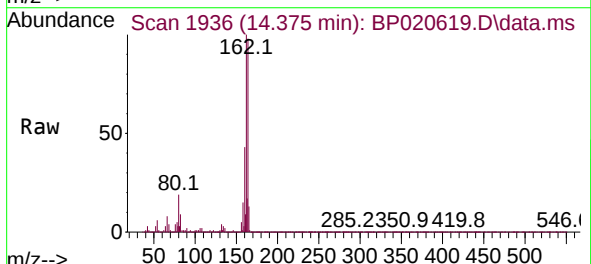
Instrument :
BNA_P
ClientSampleId :
WC-I

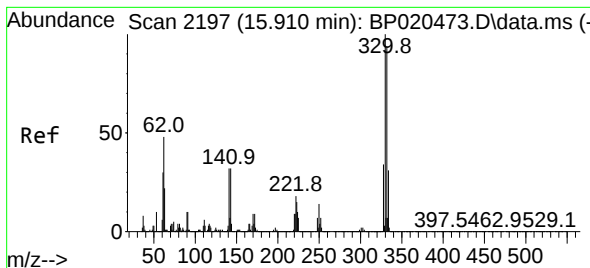
Tgt Ion:122 Resp: 157
Ion Ratio Lower Upper
122 100
105 179.9 107.5 147.5#
77 234.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:164 Resp: 597034
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 105.824 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

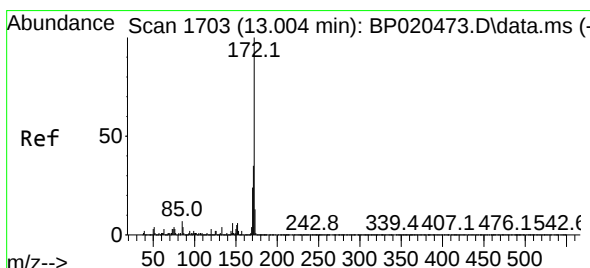
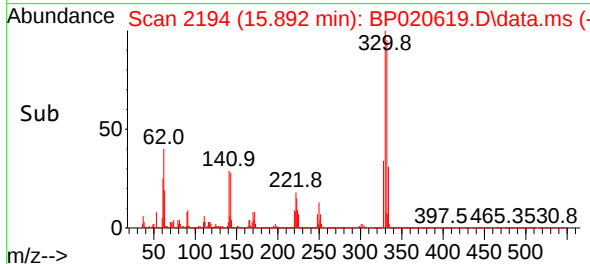
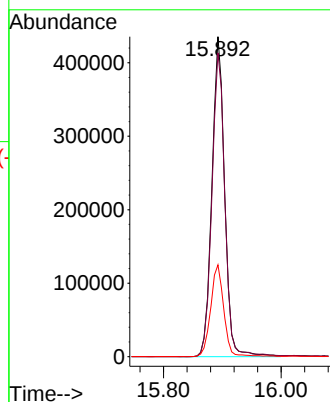
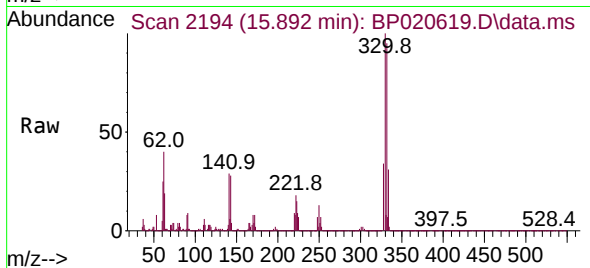
Tgt Ion:330 Resp: 655692

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 29.6 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 54.321 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

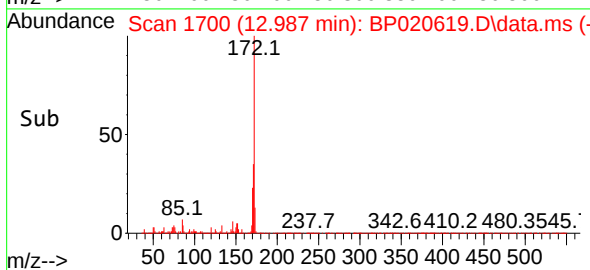
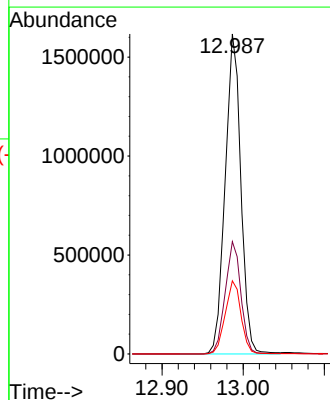
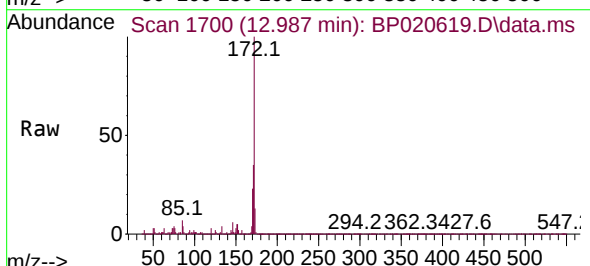
Tgt Ion:172 Resp: 2175565

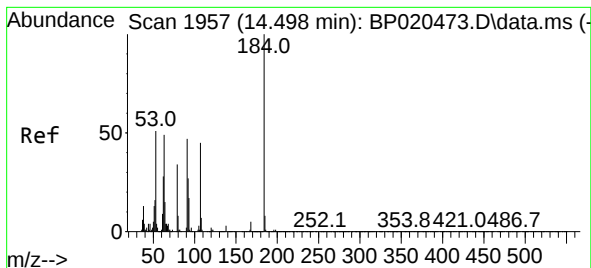
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 22.9 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.983 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

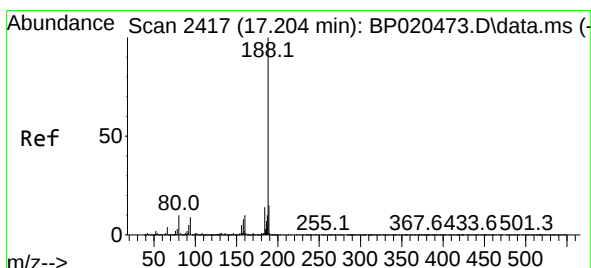
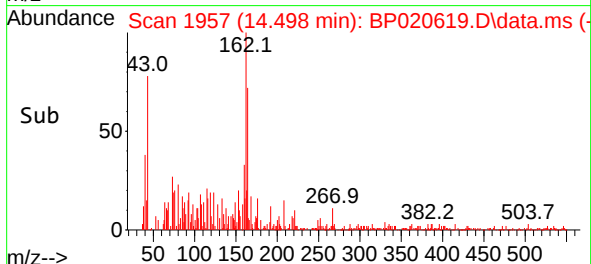
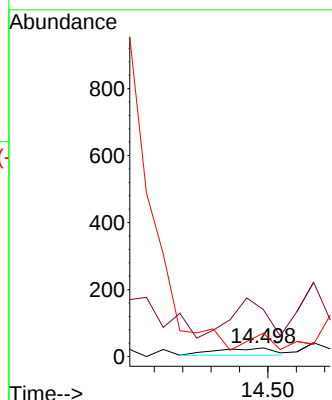
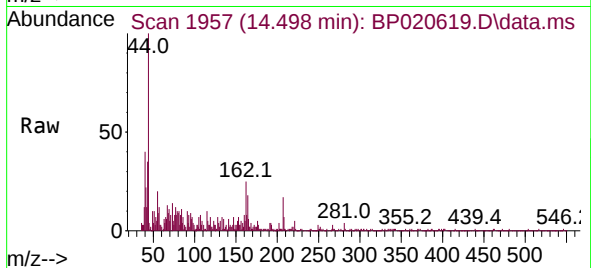
Tgt Ion:184 Resp: 30

Ion Ratio Lower Upper

184 100

63 538.5 54.2 81.4#

154 269.2 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2413

Delta R.T. -0.023 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

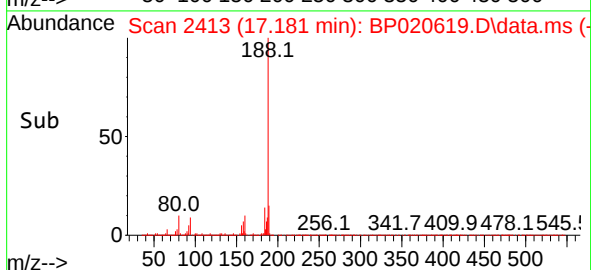
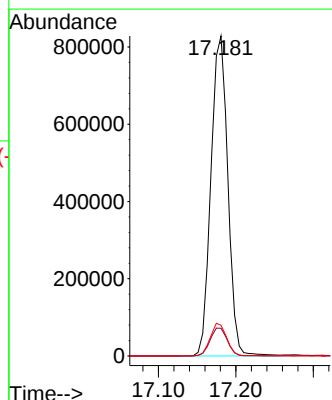
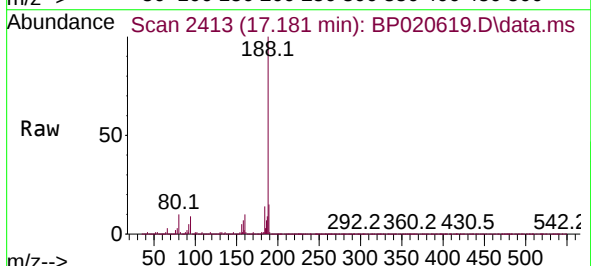
Tgt Ion:188 Resp: 1254591

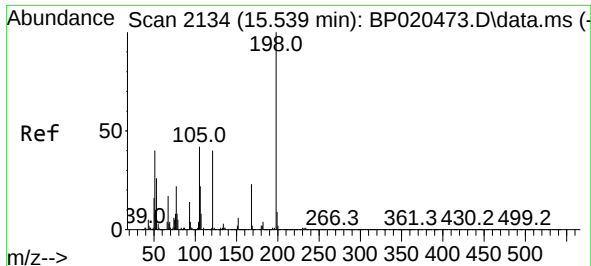
Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.6 8.1 12.1

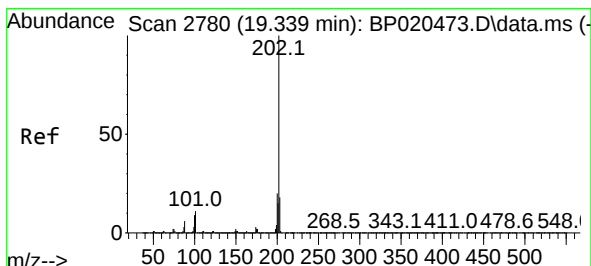
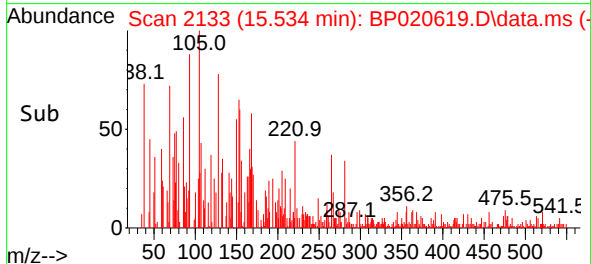
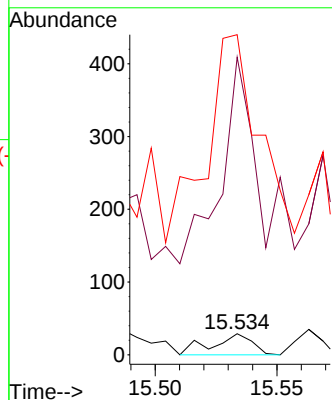
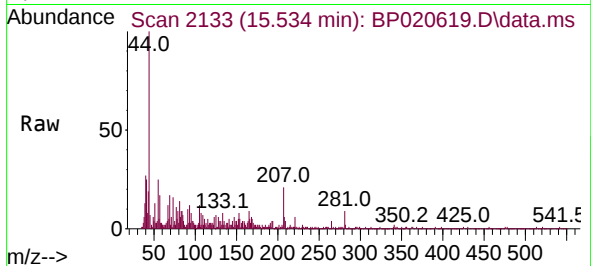




#65
4,6-Dinitro-2-methylphenol
Concen: 7.658 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

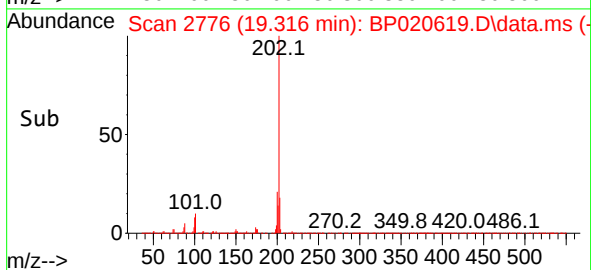
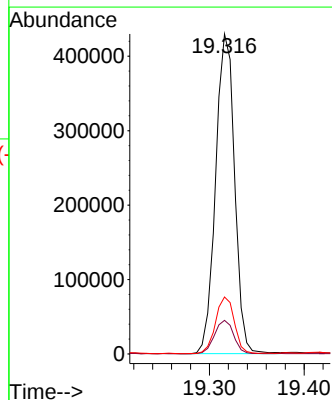
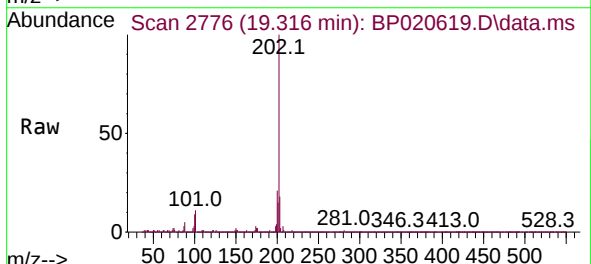
Instrument :
BNA_P
ClientSampleId :
WC-I

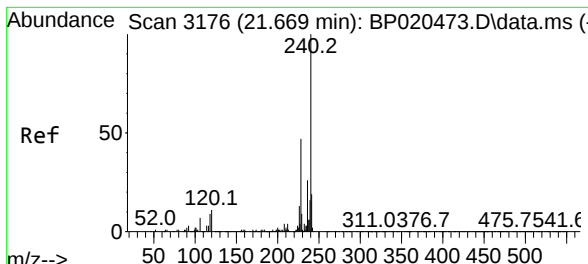
Tgt Ion:198 Resp: 33
Ion Ratio Lower Upper
198 100
51 1410.3 24.8 64.8#
105 1517.2 23.2 63.2#



#75
Fluoranthene
Concen: 8.194 ng
RT: 19.316 min Scan# 2776
Delta R.T. -0.023 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:202 Resp: 597866
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.8 0.0 37.7



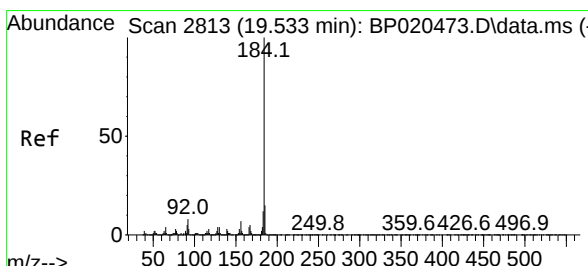
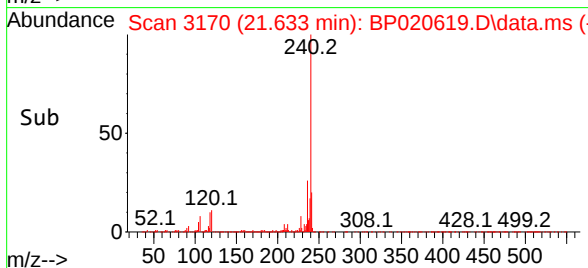
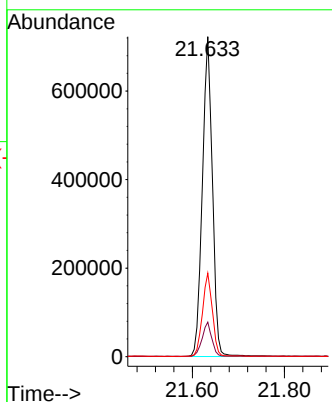
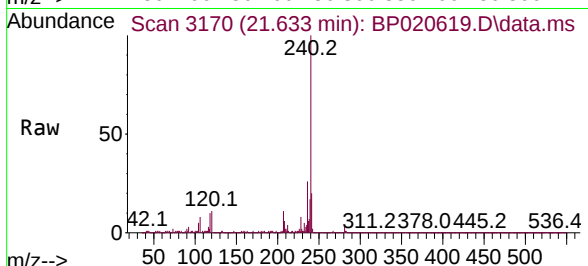


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.633 min Scan# 3170
 Delta R.T. -0.035 min
 Lab File: BP020619.D
 Acq: 13 Jun 2024 20:19

Instrument :
 BNA_P
 ClientSampleId :
 WC-I

Tgt Ion:240 Resp: 1101369

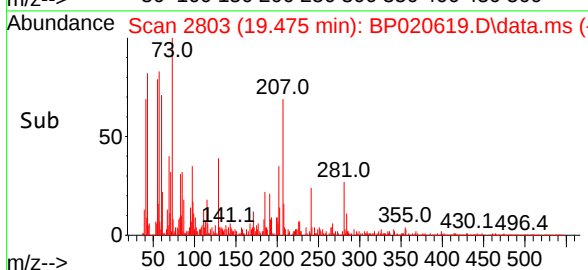
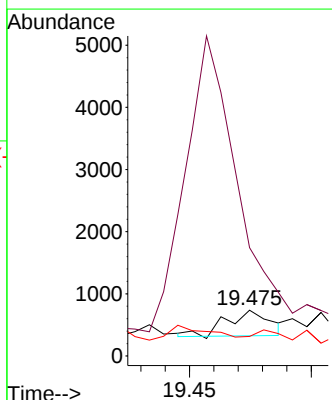
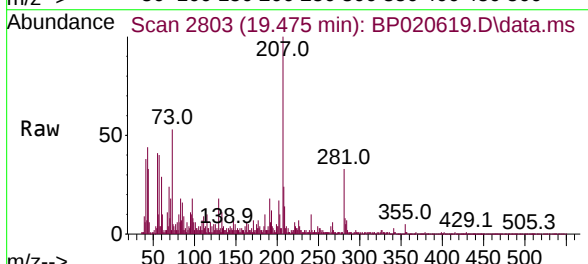
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	26.1	20.5	30.7

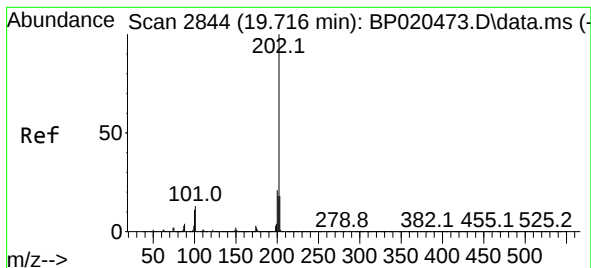


#77
 Benzdine
 Concen: 5.982 ng
 RT: 19.475 min Scan# 2803
 Delta R.T. -0.058 min
 Lab File: BP020619.D
 Acq: 13 Jun 2024 20:19

Tgt Ion:184 Resp: 511

Ion	Ratio	Lower	Upper
184	100		
185	236.2	12.0	18.0#
183	42.5	9.4	14.0#





#78

Pyrene

Concen: 6.649 ng

RT: 19.692 min Scan# 2840

Delta R.T. -0.023 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

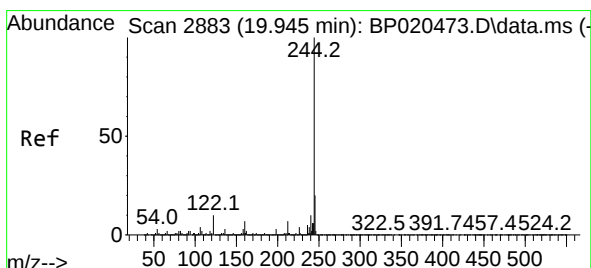
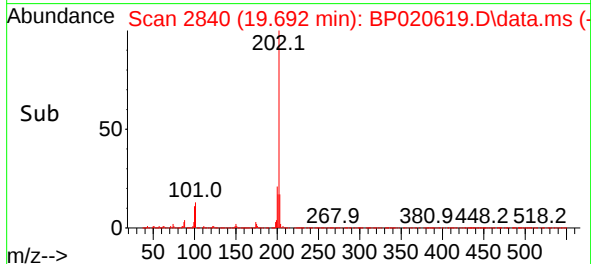
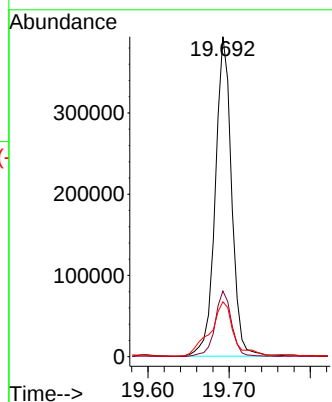
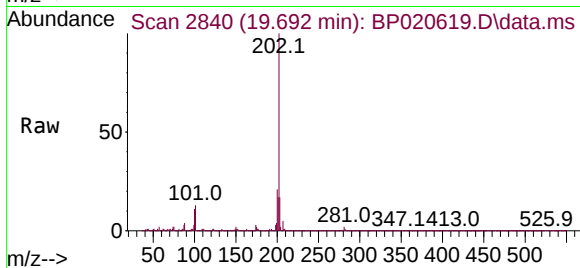
Tgt Ion:202 Resp: 550798

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.2 14.1 21.1



#79

Terphenyl-d14

Concen: 49.958 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.029 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

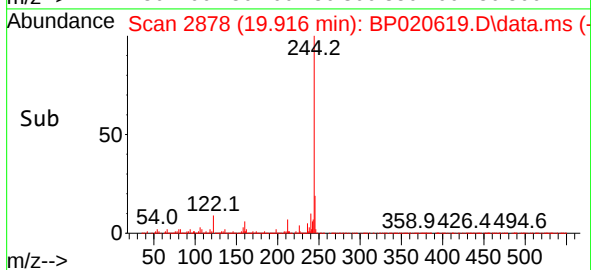
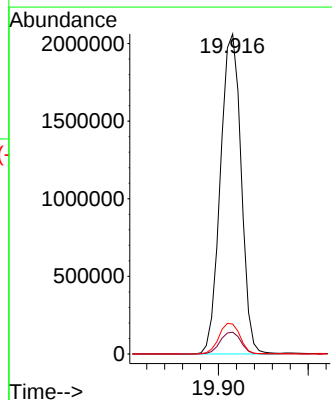
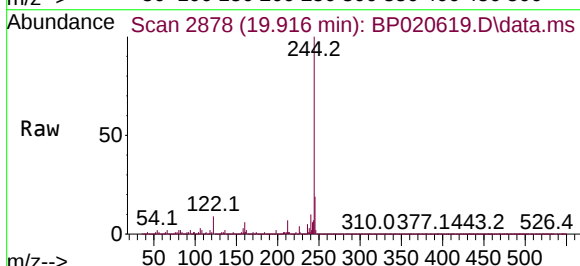
Tgt Ion:244 Resp: 3305182

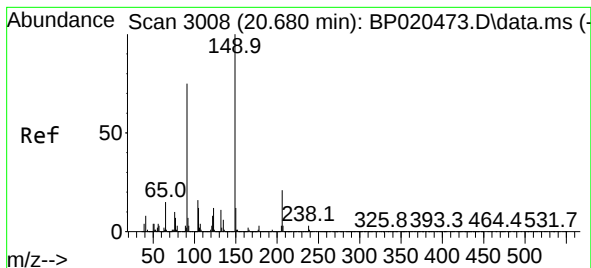
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.4 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.487 ng

RT: 20.628 min Scan# 20

Delta R.T. -0.052 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

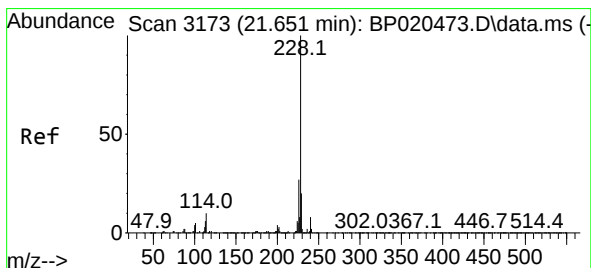
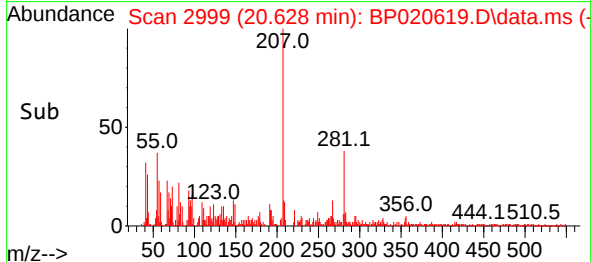
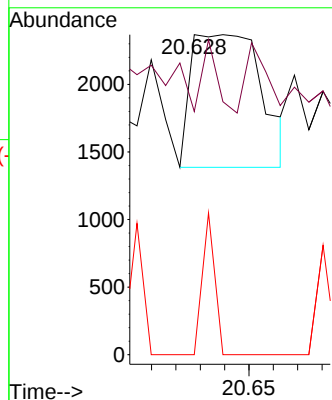
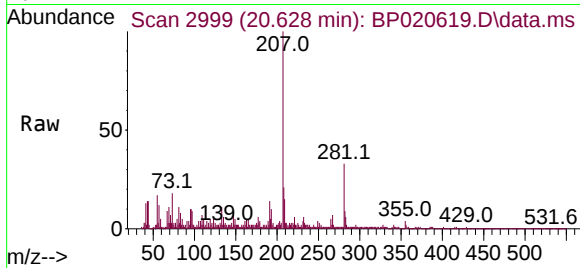
Tgt Ion:149 Resp: 1977

Ion Ratio Lower Upper

149 100

91 76.0 60.0 90.0

206 0.0 16.6 25.0#



#81

Benzo(a)anthracene

Concen: 5.641 ng

RT: 21.616 min Scan# 3167

Delta R.T. -0.035 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

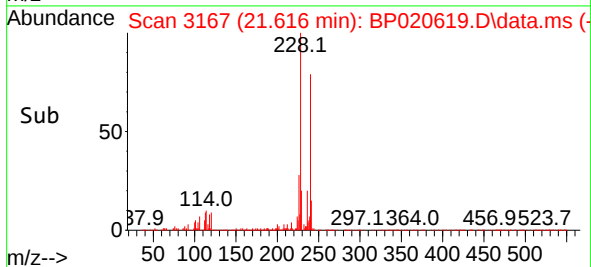
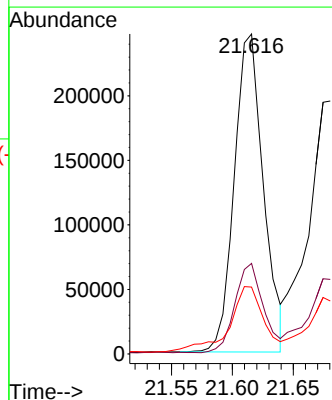
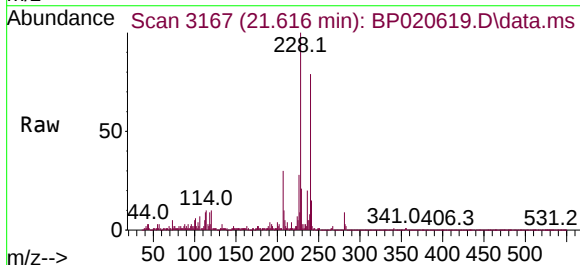
Tgt Ion:228 Resp: 409103

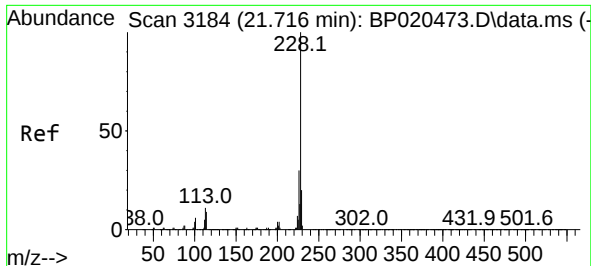
Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 20.9 15.8 23.6

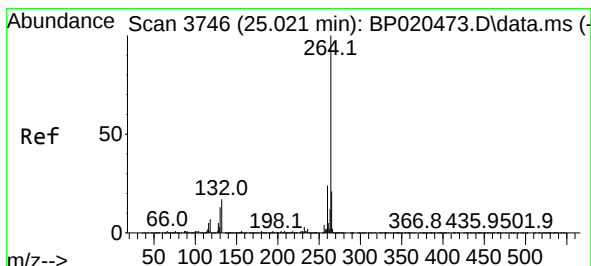
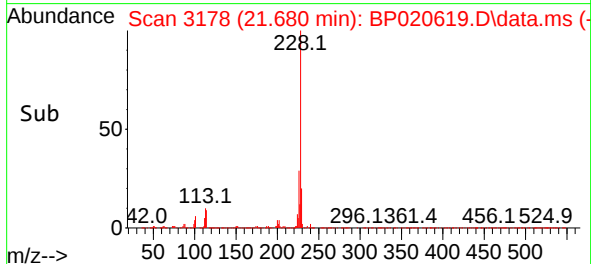
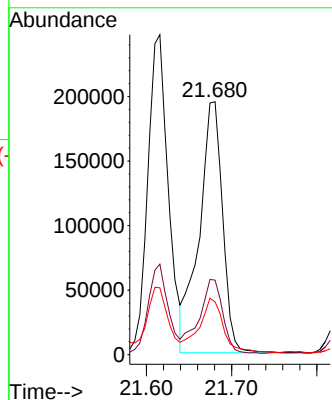
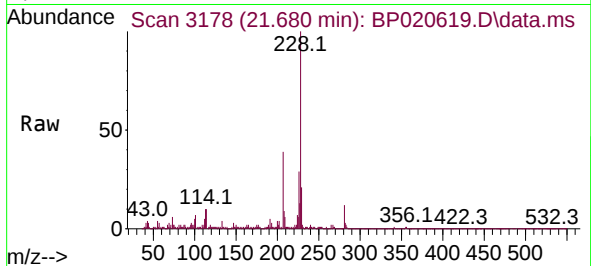




#83
Chrysene
Concen: 5.474 ng
RT: 21.680 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

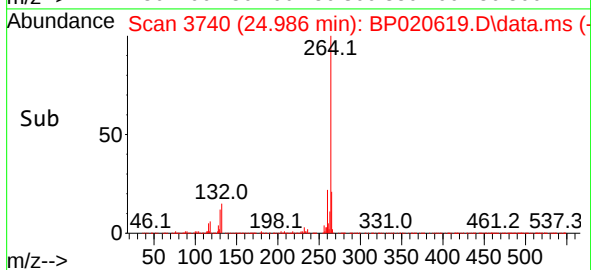
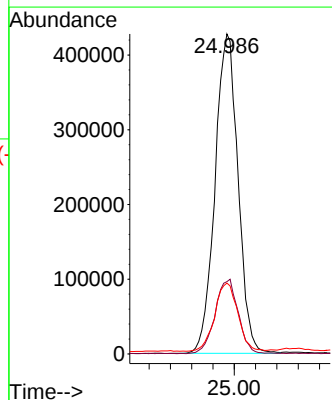
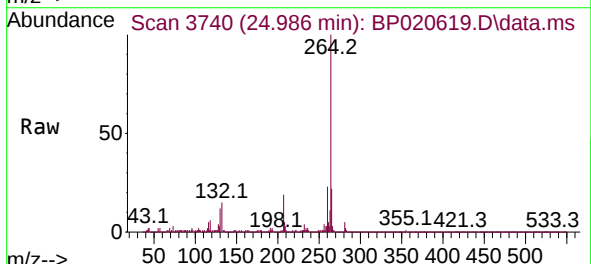
Instrument :
BNA_P
ClientSampleId :
WC-I

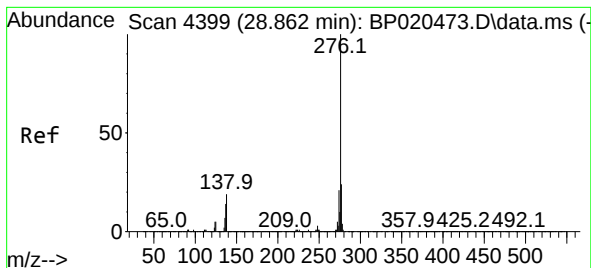
Tgt Ion:228 Resp: 374082
Ion Ratio Lower Upper
228 100
226 29.5 24.0 36.0
229 20.9 15.7 23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3740
Delta R.T. -0.035 min
Lab File: BP020619.D
Acq: 13 Jun 2024 20:19

Tgt Ion:264 Resp: 1278829
Ion Ratio Lower Upper
264 100
260 22.6 18.9 28.3
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.743 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.076 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

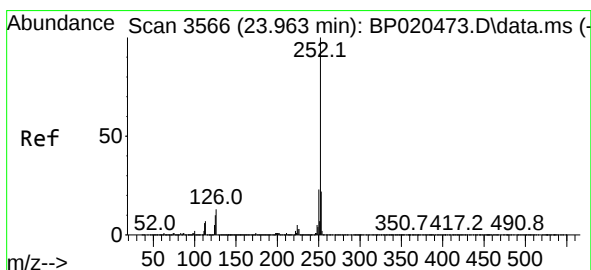
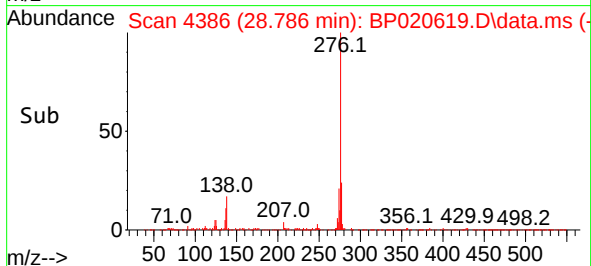
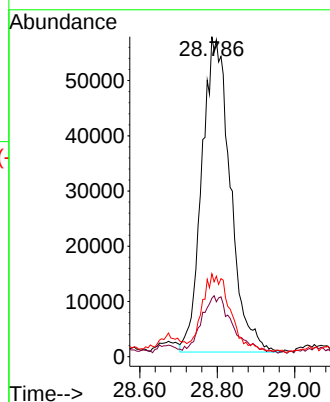
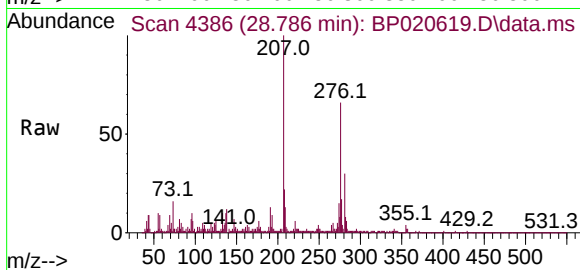
Tgt Ion:276 Resp: 291100

Ion Ratio Lower Upper

276 100

138 9.0 12.8 19.2#

277 24.2 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 6.849 ng

RT: 23.921 min Scan# 3559

Delta R.T. -0.041 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

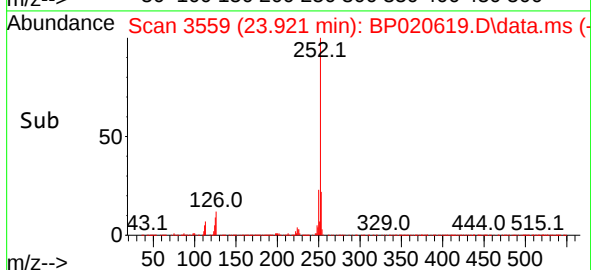
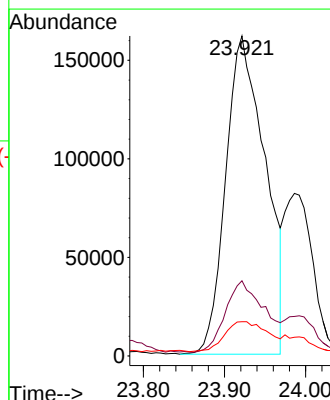
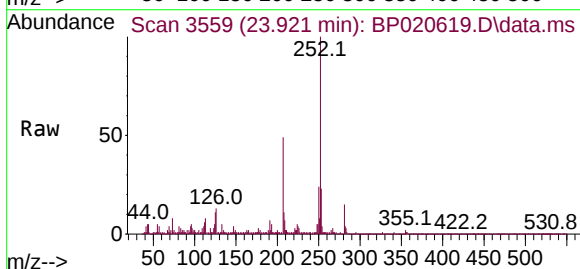
Tgt Ion:252 Resp: 545640

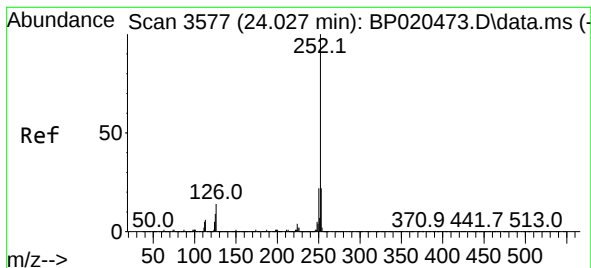
Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

125 10.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 7.022 ng

RT: 23.921 min Scan# 31

Delta R.T. -0.106 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I

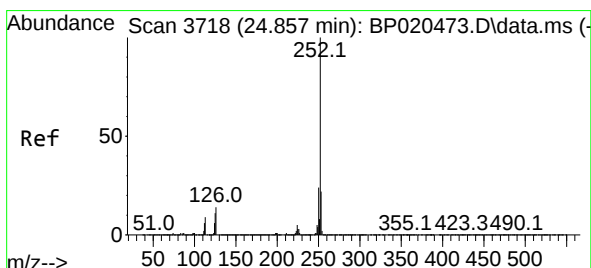
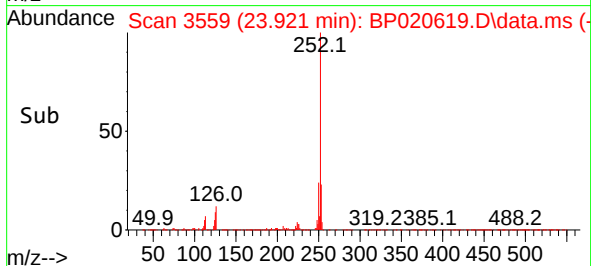
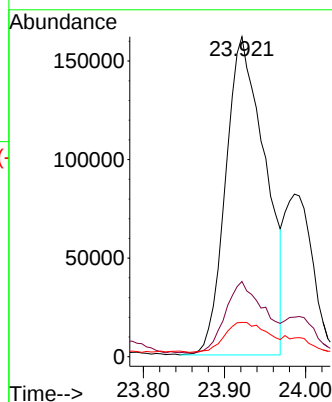
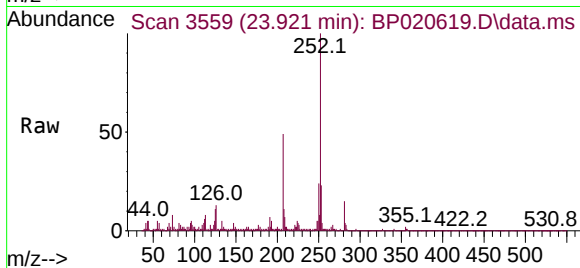
Tgt Ion:252 Resp: 545640

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 10.7 7.8 11.6



#90

Benzo(a)pyrene

Concen: 6.012 ng

RT: 24.827 min Scan# 3713

Delta R.T. -0.029 min

Lab File: BP020619.D

Acq: 13 Jun 2024 20:19

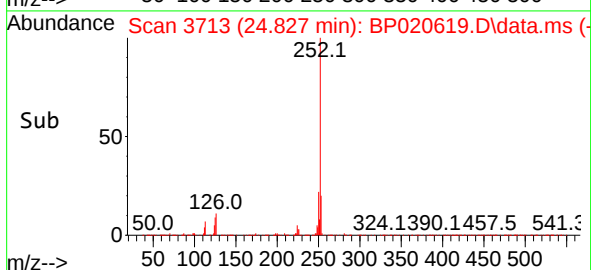
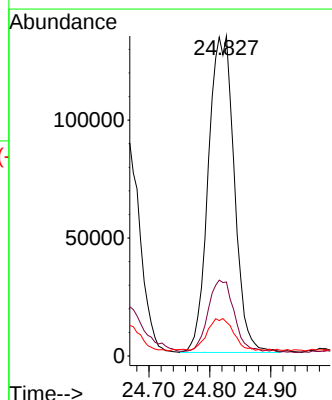
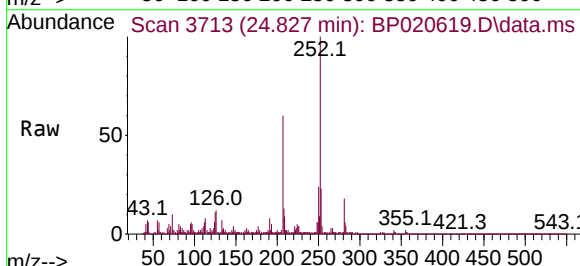
Tgt Ion:252 Resp: 396643

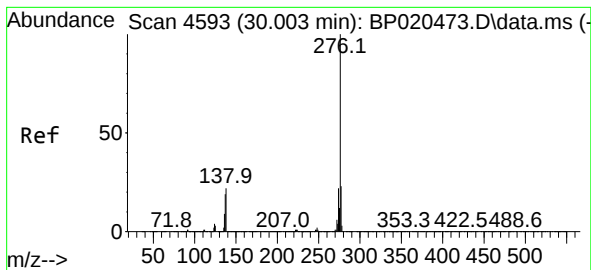
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 10.5 8.9 13.3





#92

Benzo(g,h,i)perylene

Concen: 3.974 ng

RT: 29.945 min Scan# 4

Delta R.T. -0.059 min

Lab File: BP020619.D

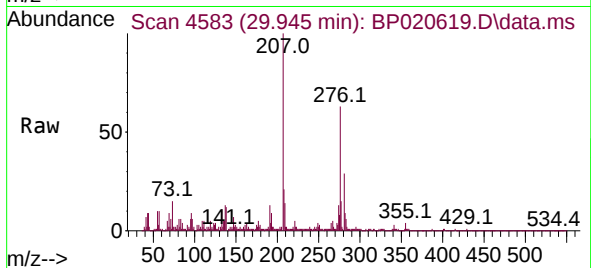
Acq: 13 Jun 2024 20:19

Instrument :

BNA_P

ClientSampleId :

WC-I



Tgt Ion:276 Resp: 257676

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 19.6 17.7 26.5

