

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020507.D
 Acq On : 04 Jun 2024 22:39
 Operator : MA/JU
 Sample : P2687-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11998

Quant Time: Jun 05 01:26:57 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)

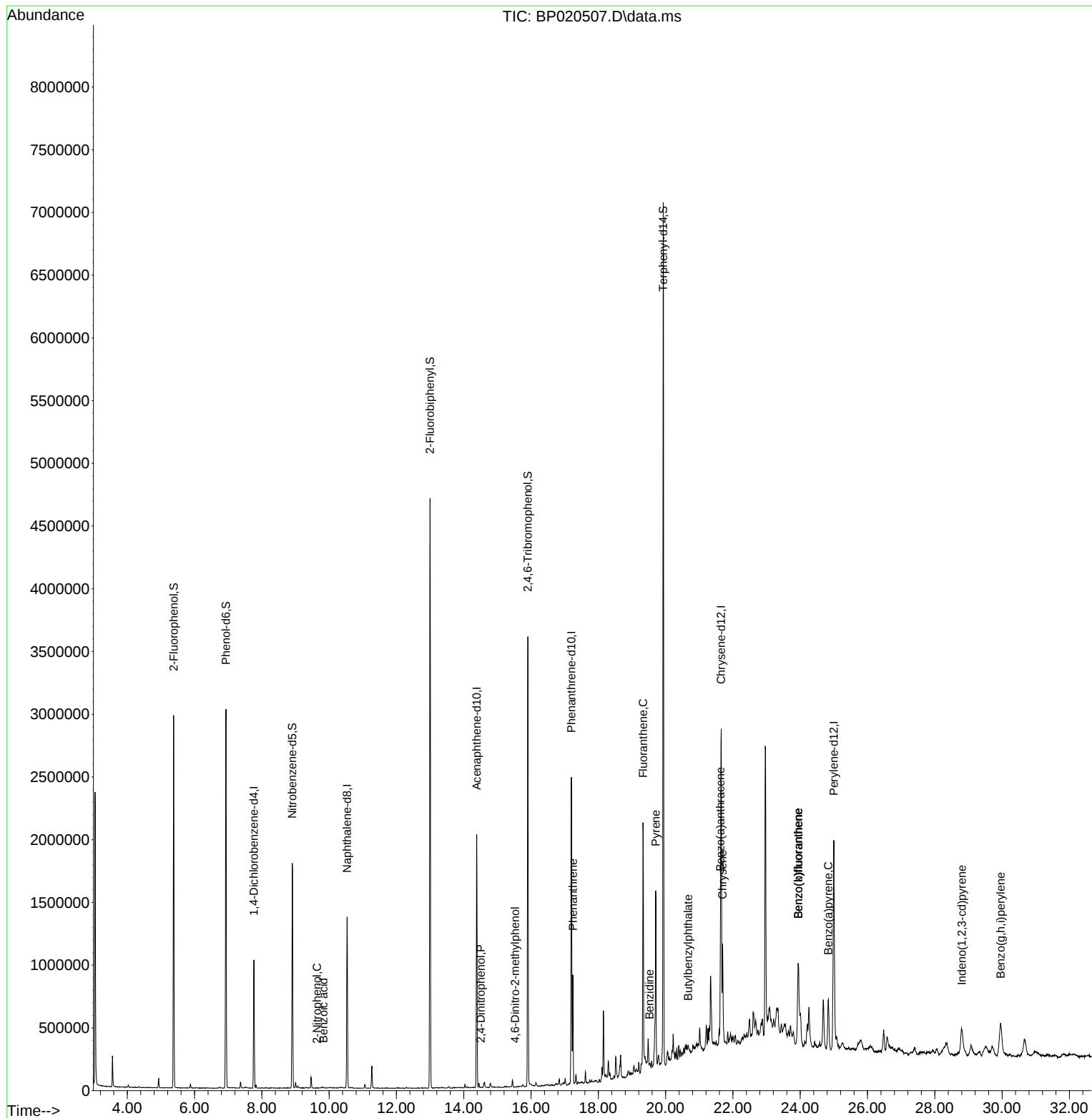
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	281622	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1160864	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	747458	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1547375	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1381873	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1586510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1275742	81.107	ng	0.00
7) Phenol-d6	6.934	99	1711560	77.160	ng	0.00
23) Nitrobenzene-d5	8.905	82	1044354	49.246	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	678759	87.501	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	2521164	50.282	ng	0.00
79) Terphenyl-d14	19.928	244	3863352	46.541	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.640	139	62	3.798	ng	# 1
32) Benzoic acid	9.834	122	38	6.851	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	64	4.990	ng	# 9
65) 4,6-Dinitro-2-methylph...	15.528	198	47	7.659	ng	# 1
71) Phenanthrene	17.245	178	552838	7.268	ng	99
75) Fluoranthene	19.328	202	1248798	13.877	ng	100
77) Benzidine	19.522	184	3096	6.026	ng	# 54
78) Pyrene	19.704	202	903839	8.696	ng	99
80) Butylbenzylphthalate	20.669	149	1579	2.467	ng	# 74
81) Benzo(a)anthracene	21.628	228	455426	5.005	ng	97
83) Chrysene	21.692	228	566697	6.610	ng	98
87) Indeno(1,2,3-cd)pyrene	28.804	276	362548	3.758	ng	# 87
88) Benzo(b)fluoranthene	23.939	252	812433	8.220	ng	97
89) Benzo(k)fluoranthene	23.939	252	812433	8.428	ng	97
90) Benzo(a)pyrene	24.833	252	449128	5.487	ng	99
92) Benzo(g,h,i)perylene	29.956	276	344696	4.286	ng	98

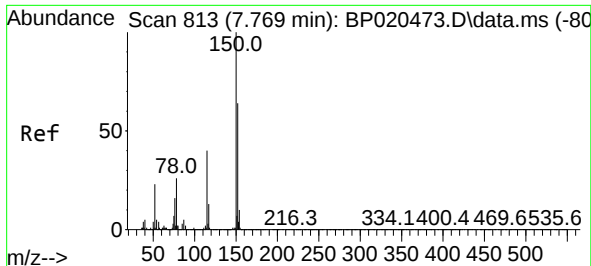
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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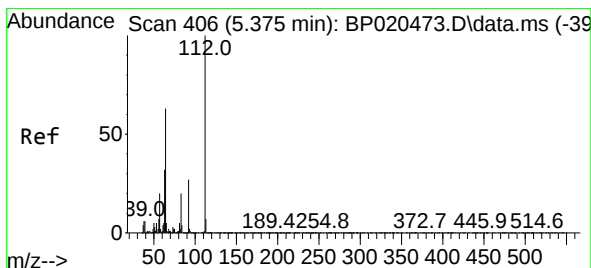
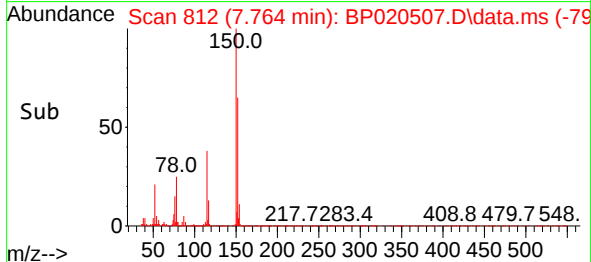
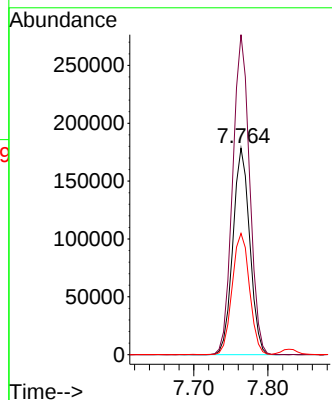
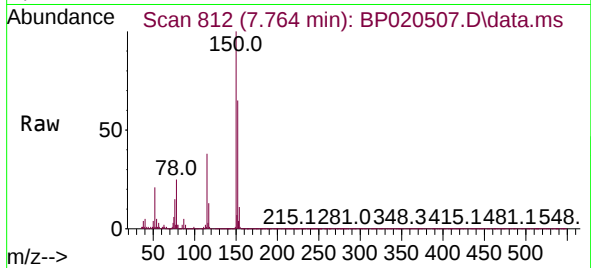




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

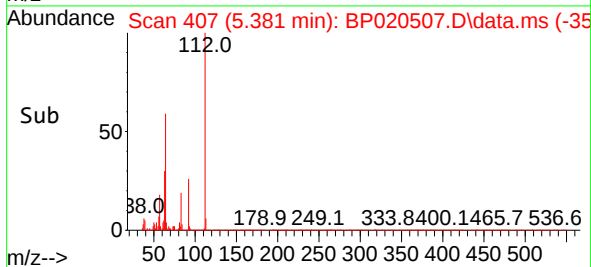
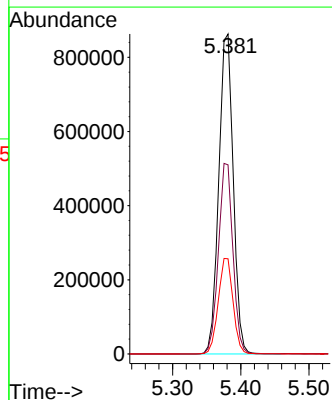
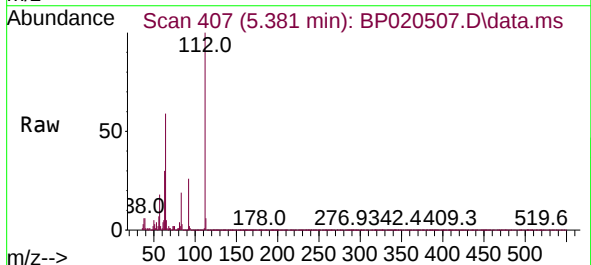
Instrument :
BNA_P
ClientSampleId :
72-11998

Tgt Ion:152 Resp: 281622
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 58.7 49.5 74.3



#5
2-Fluorophenol
Concen: 81.107 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:112 Resp: 1275742
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 29.7 25.7 38.5



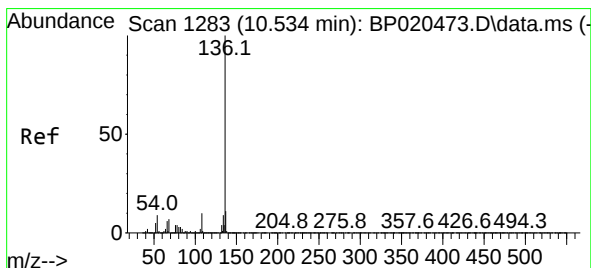
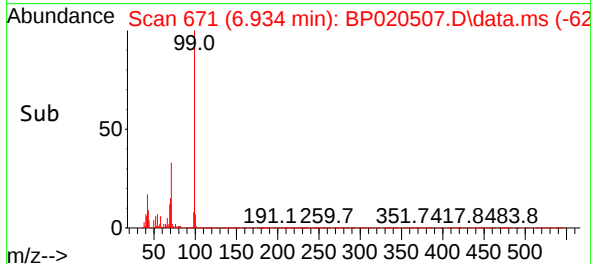
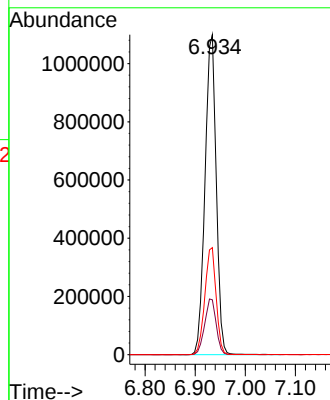
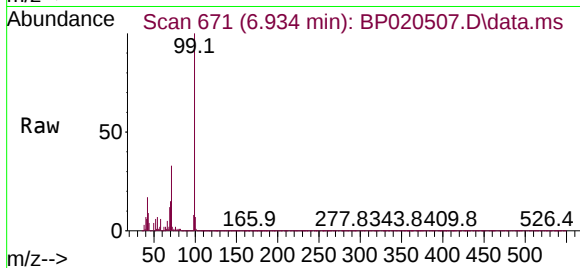


#7
Phenol-d6
Concen: 77.160 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Instrument :
BNA_P
ClientSampleId :
72-11998

Tgt Ion: 99 Resp: 1711560

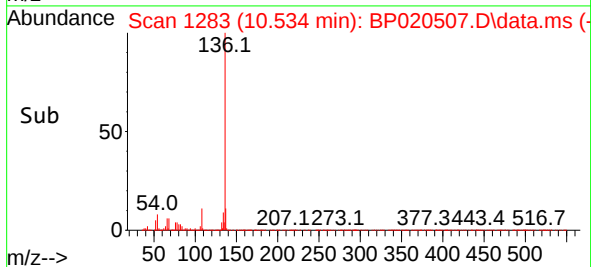
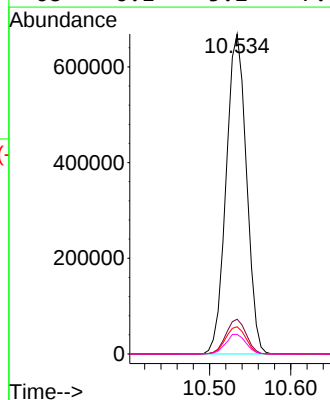
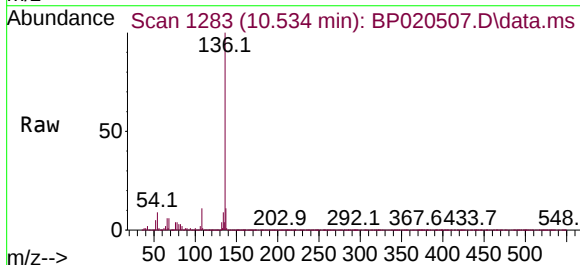
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	33.5	27.3	40.9

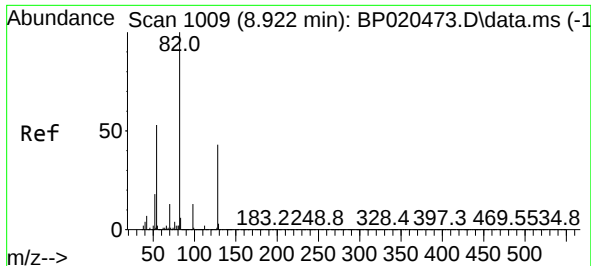


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion: 136 Resp: 1160864

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.5	7.4	11.0
68	6.1	5.2	7.8

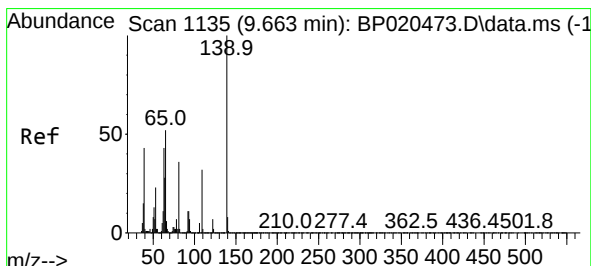
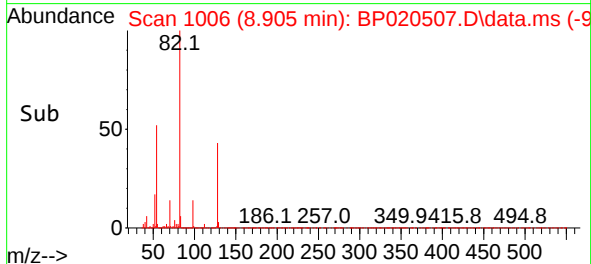
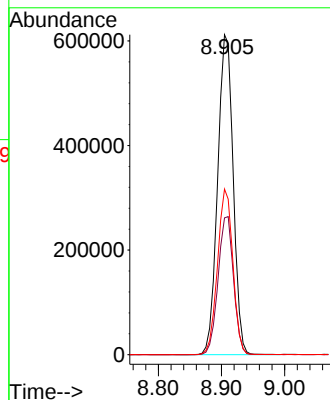
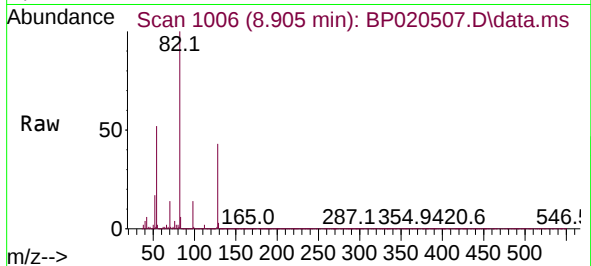




#23
Nitrobenzene-d5
Concen: 49.246 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

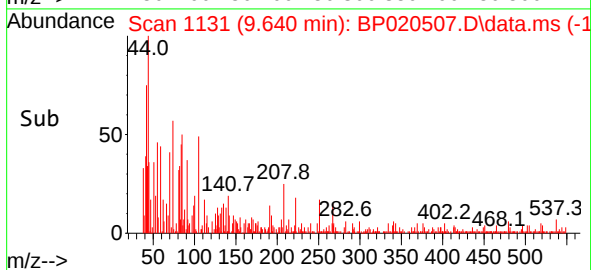
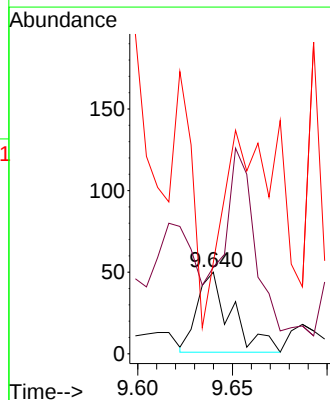
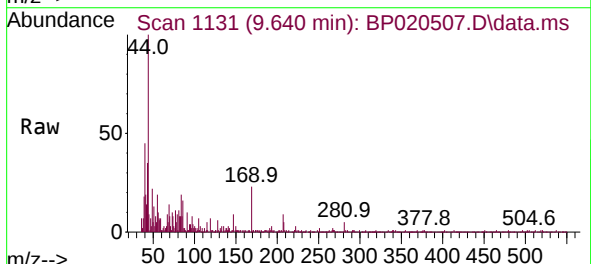
Instrument :
BNA_P
ClientSampleId :
72-11998

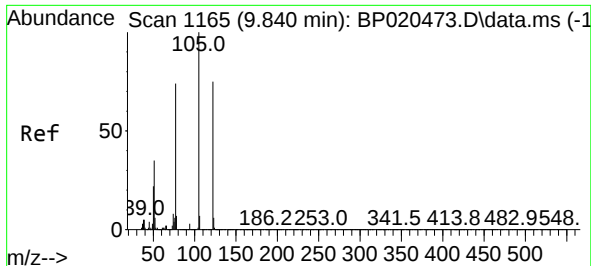
Tgt Ion: 82 Resp: 1044354
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.4
54 51.8 42.7 64.1



#26
2-Nitrophenol
Concen: 3.798 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.023 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 106.0 25.8 38.8#
65 112.0 41.8 62.8#

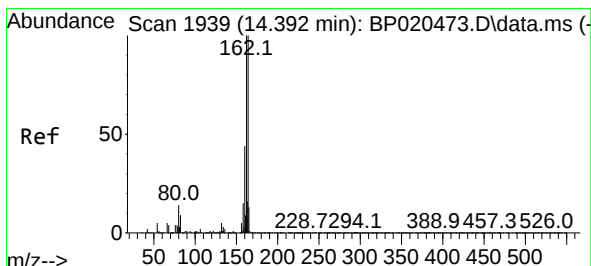
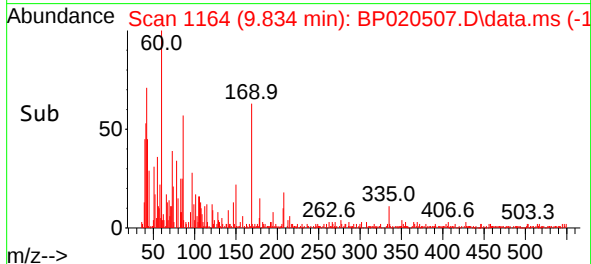
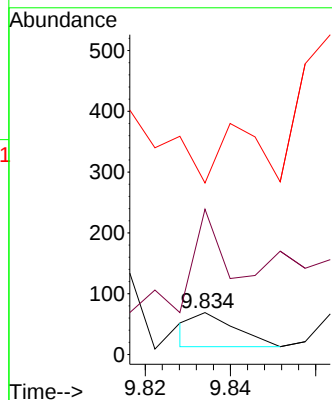
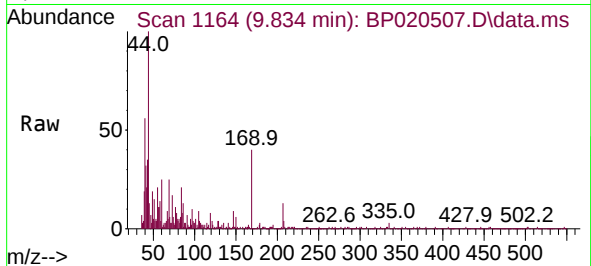




#32
Benzoic acid
Concen: 6.851 ng
RT: 9.834 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

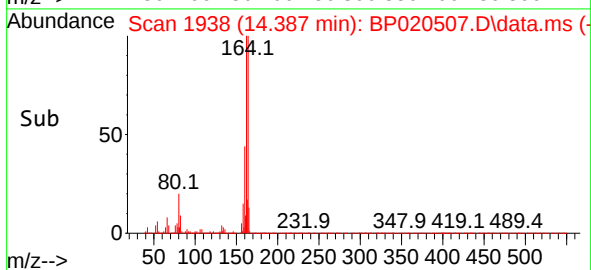
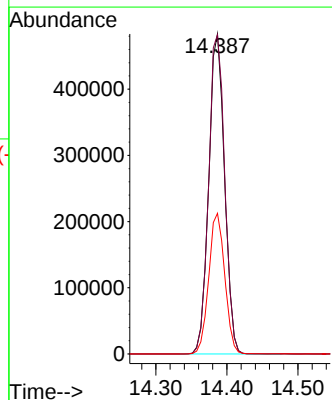
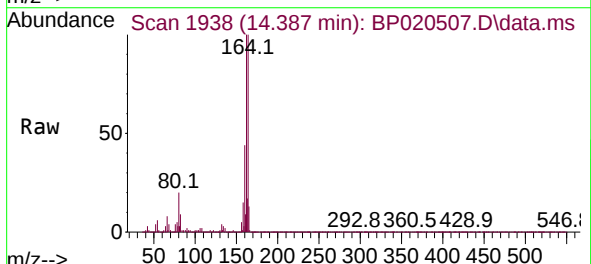
Instrument :
BNA_P
ClientSampleId :
72-11998

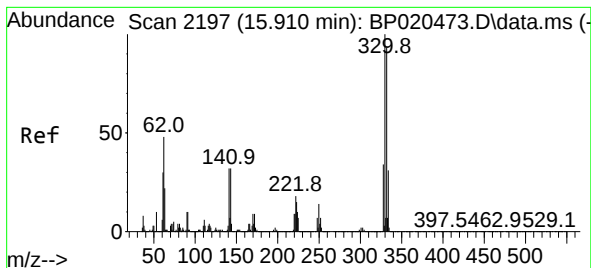
Tgt Ion:122 Resp: 38
Ion Ratio Lower Upper
122 100
105 346.4 107.5 147.5#
77 408.7 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:164 Resp: 747458
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 87.501 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

Instrument :

BNA_P

ClientSampleId :

72-11998

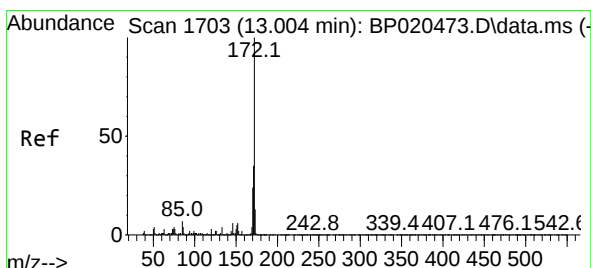
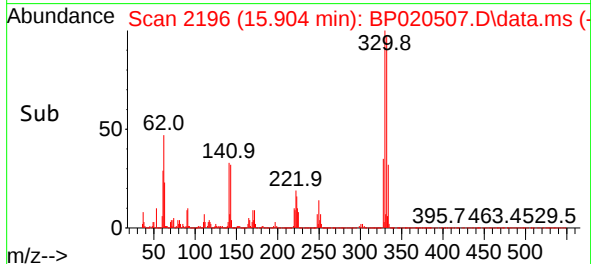
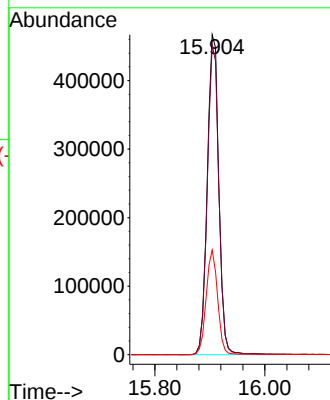
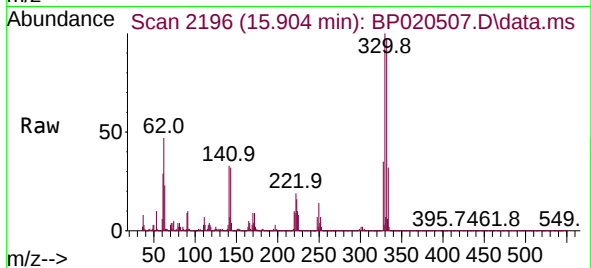
Tgt Ion:330 Resp: 678759

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

141 32.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 50.282 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

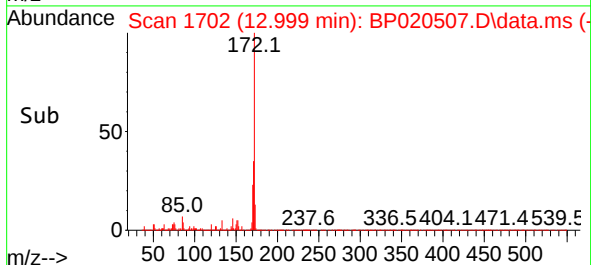
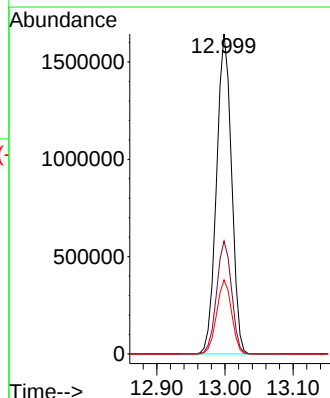
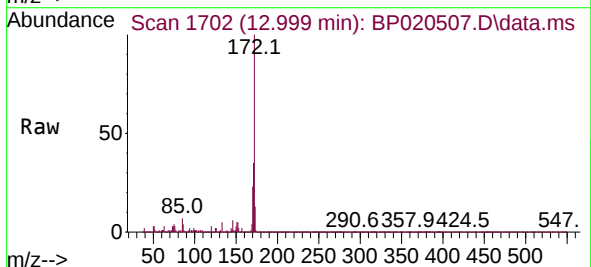
Tgt Ion:172 Resp: 2521164

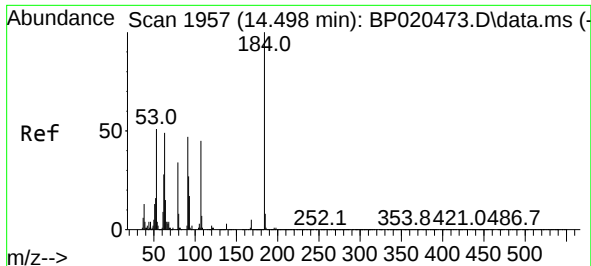
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.9 28.3

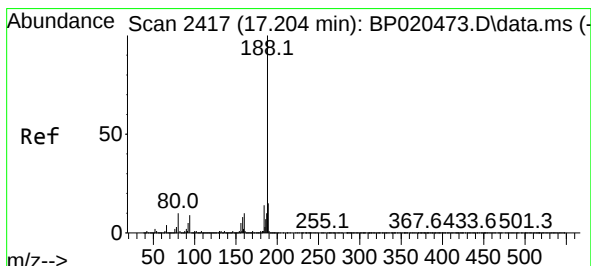
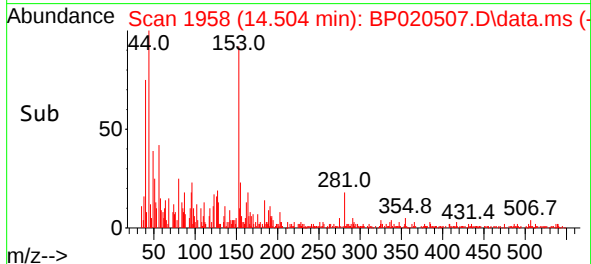
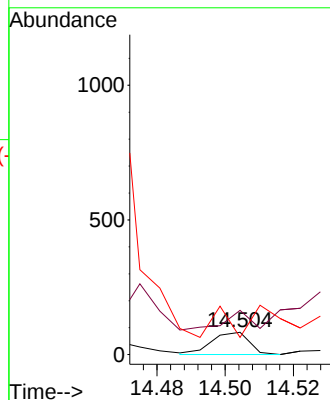
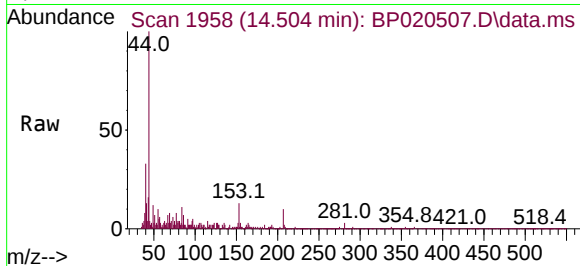




#54
2,4-Dinitrophenol
Concen: 4.990 ng
RT: 14.504 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

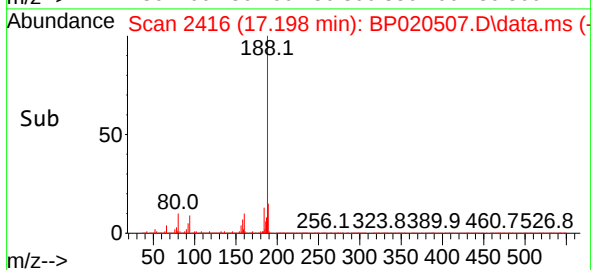
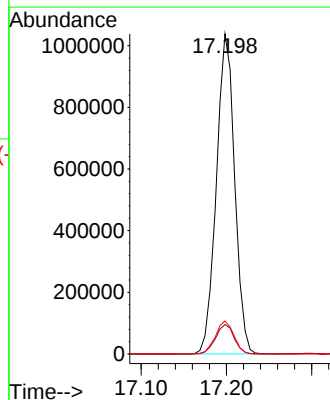
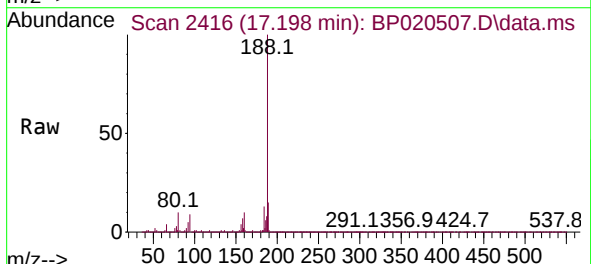
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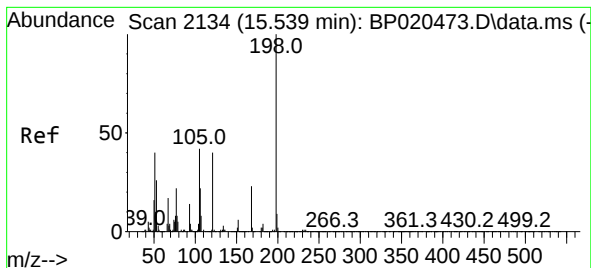
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 197.6 54.2 81.4#
154 77.1 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:188 Resp: 1547375
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.3 8.1 12.1

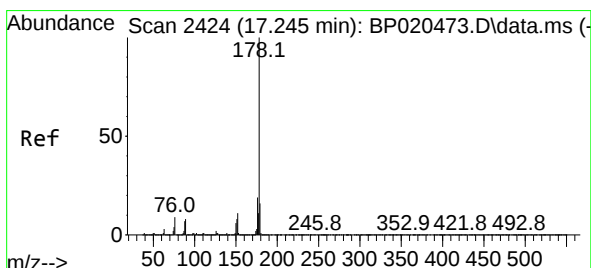
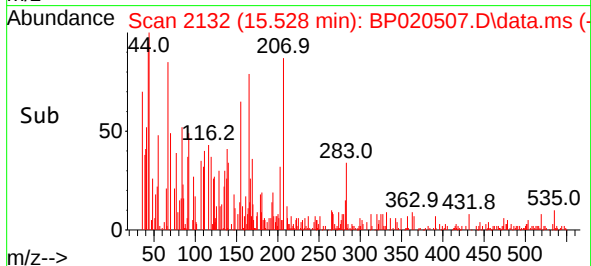
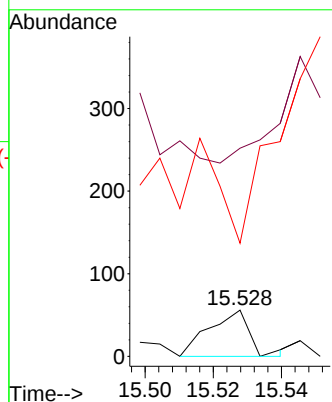
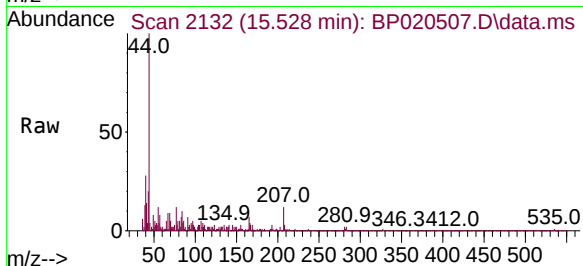




#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 15.528 min Scan# 2134
Delta R.T. -0.011 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

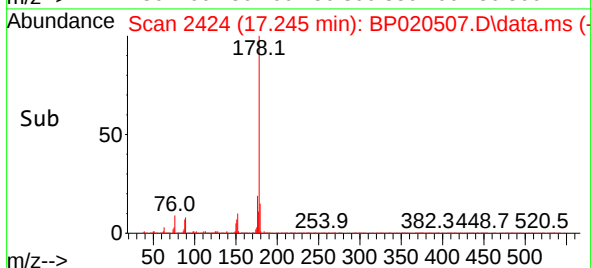
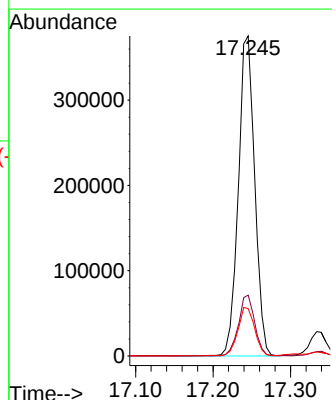
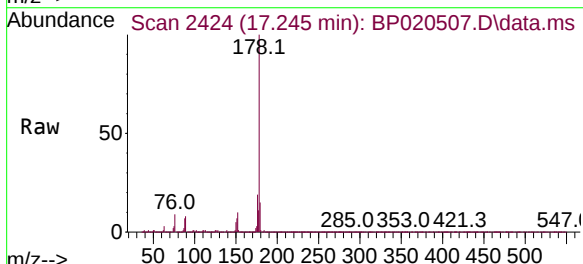
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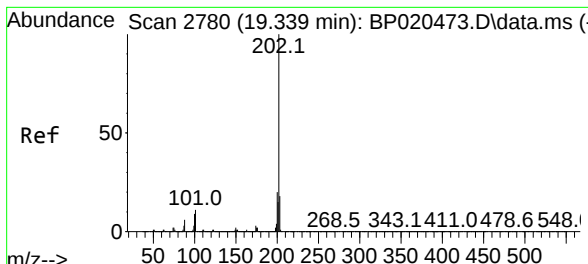
Tgt Ion:198 Resp: 47
Ion Ratio Lower Upper
198 100
51 450.0 24.8 64.8#
105 244.6 23.2 63.2#



#71
Phenanthrene
Concen: 7.268 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:178 Resp: 552838
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 14.8 12.5 18.7

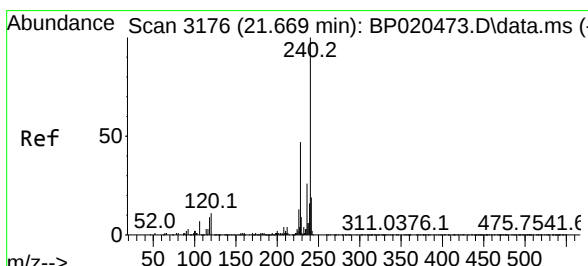
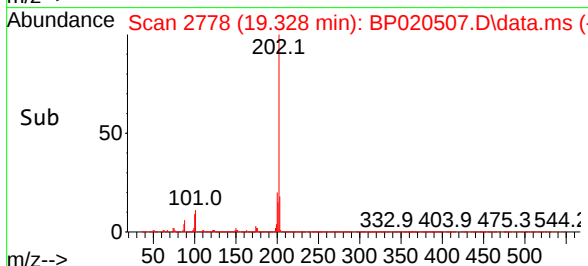
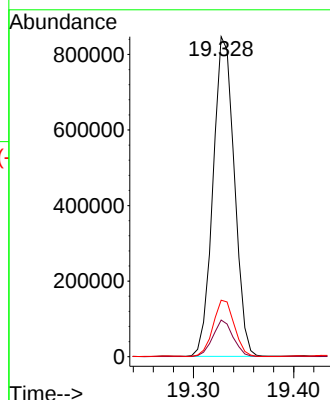
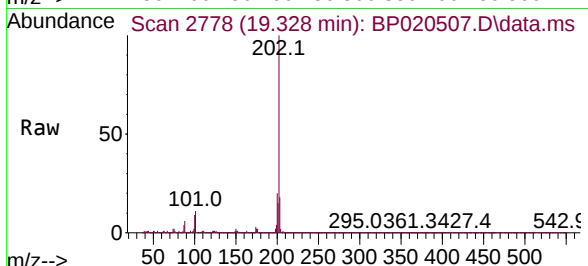




#75
Fluoranthene
Concen: 13.877 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

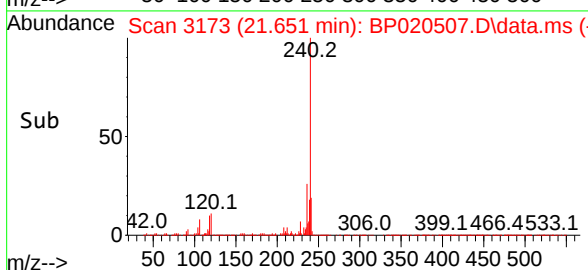
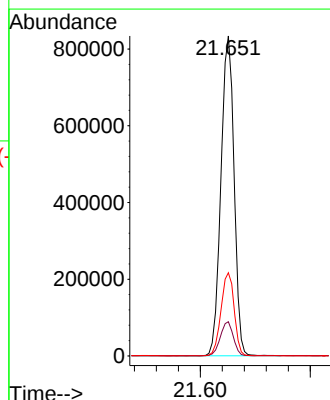
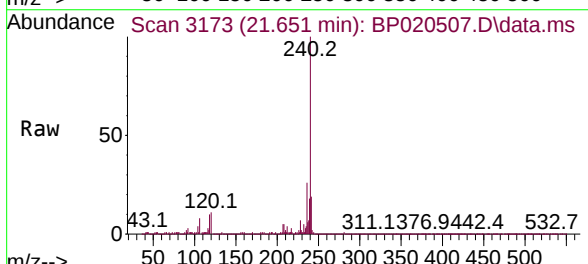
Instrument :
BNA_P
ClientSampleId :
72-11998

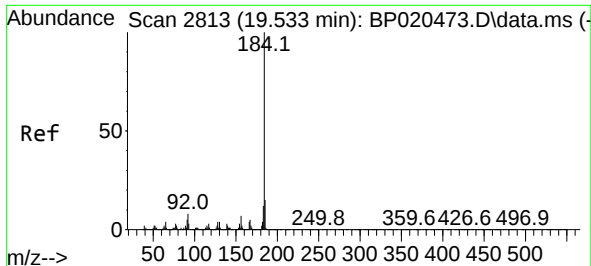
Tgt Ion:202 Resp: 1248798
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:240 Resp: 1381873
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 26.0 20.5 30.7





#77

Benzidine

Concen: 6.026 ng

RT: 19.522 min Scan# 2811

Delta R.T. -0.011 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

Instrument :

BNA_P

ClientSampleId :

72-11998

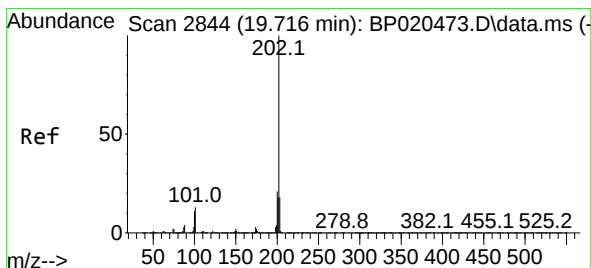
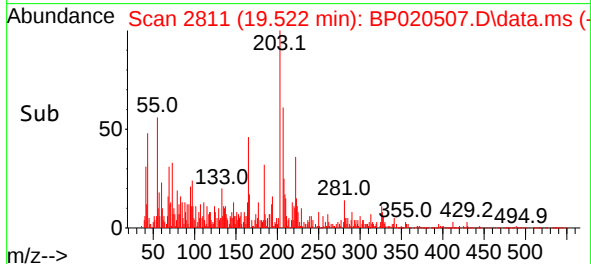
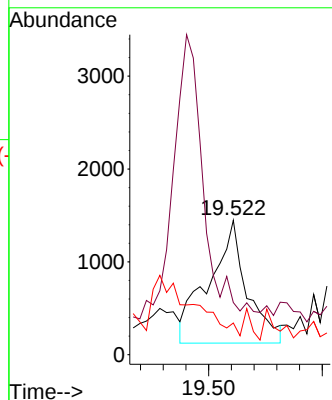
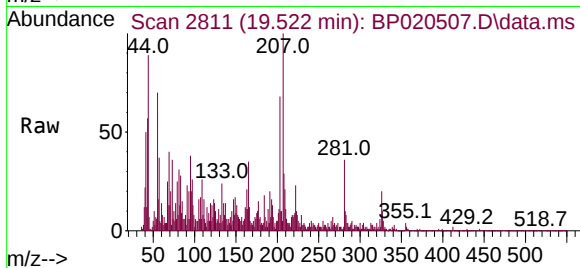
Tgt Ion:184 Resp: 3096

Ion Ratio Lower Upper

184 100

185 38.9 12.0 18.0#

183 23.5 9.4 14.0#



#78

Pyrene

Concen: 8.696 ng

RT: 19.704 min Scan# 2842

Delta R.T. -0.012 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

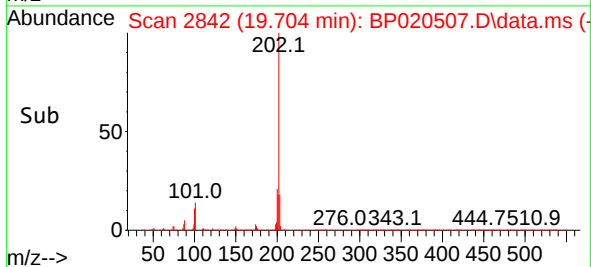
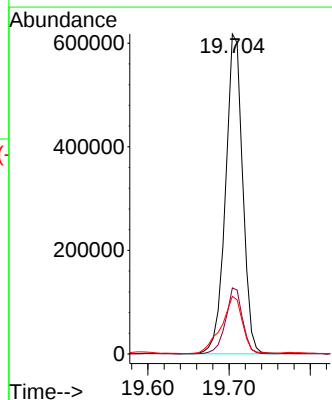
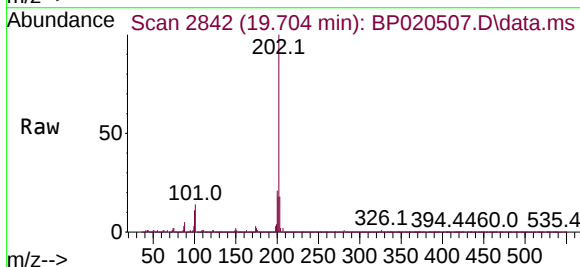
Tgt Ion:202 Resp: 903839

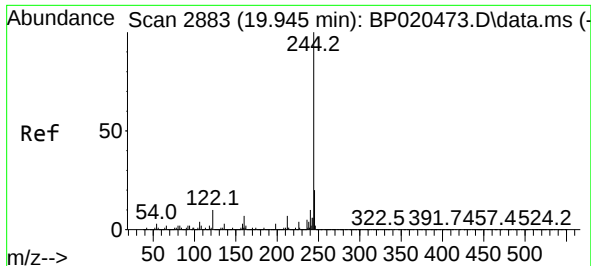
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 18.0 14.1 21.1

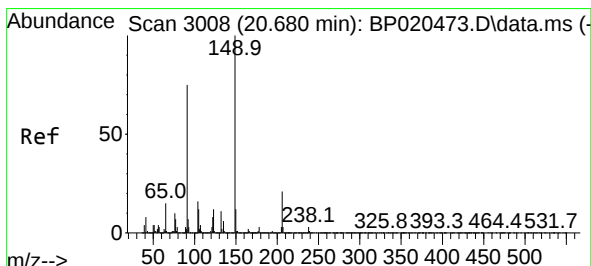
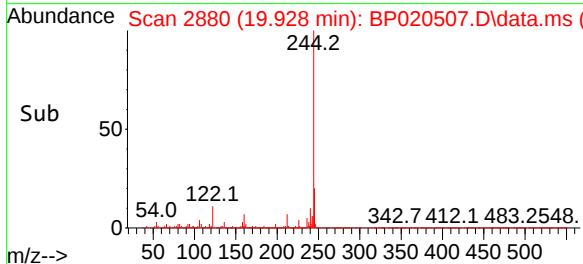
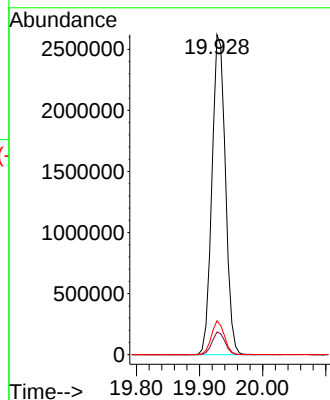
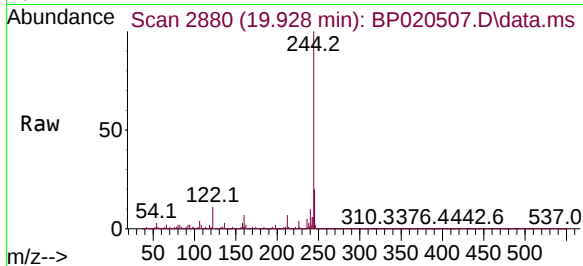




#79
 Terphenyl-d14
 Concen: 46.541 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP020507.D
 Acq: 04 Jun 2024 22:39

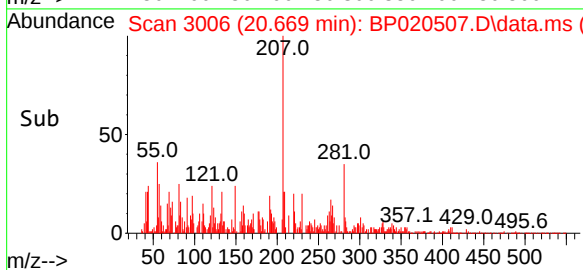
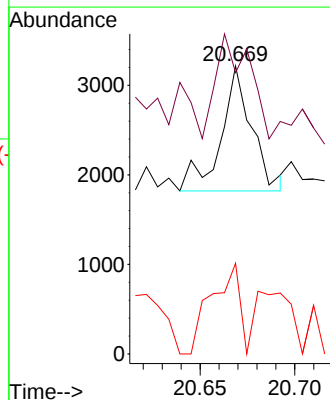
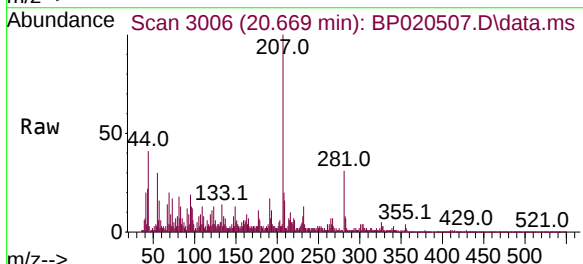
Instrument :
 BNA_P
 ClientSampleId :
 72-11998

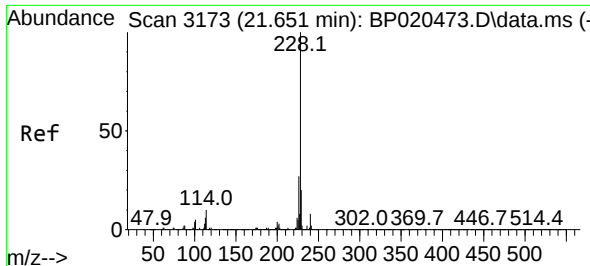
Tgt Ion:244 Resp: 3863352
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.467 ng
 RT: 20.669 min Scan# 3006
 Delta R.T. -0.011 min
 Lab File: BP020507.D
 Acq: 04 Jun 2024 22:39

Tgt Ion:149 Resp: 1579
 Ion Ratio Lower Upper
 149 100
 91 97.7 60.0 90.0#
 206 31.5 16.6 25.0#

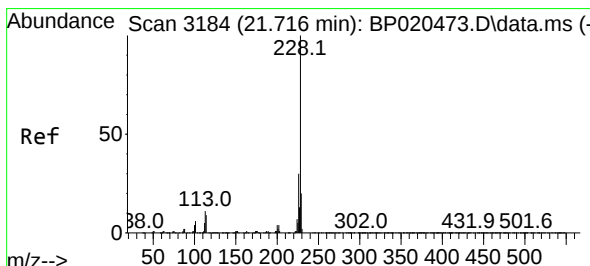
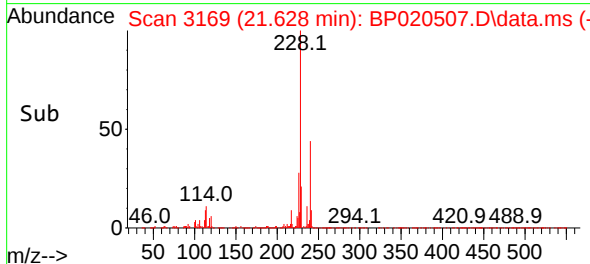
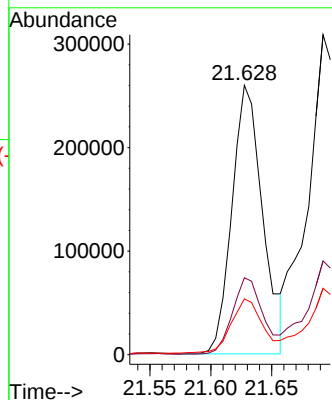
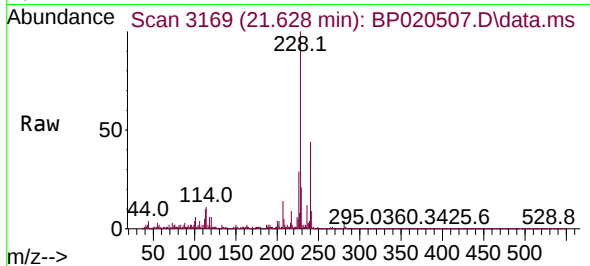




#81
Benzo(a)anthracene
Concen: 5.005 ng
RT: 21.628 min Scan# 3173
Delta R.T. -0.023 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

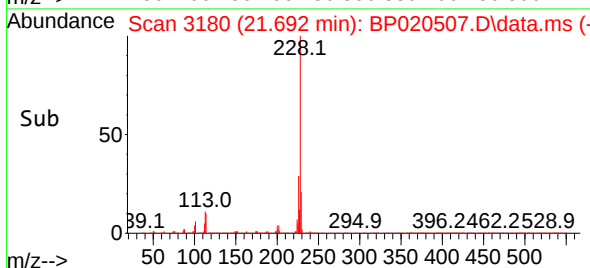
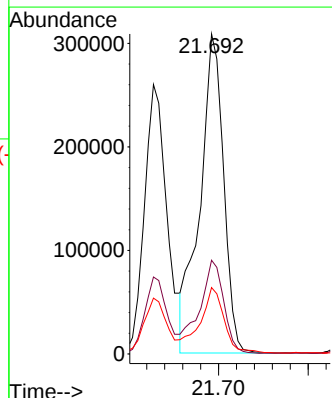
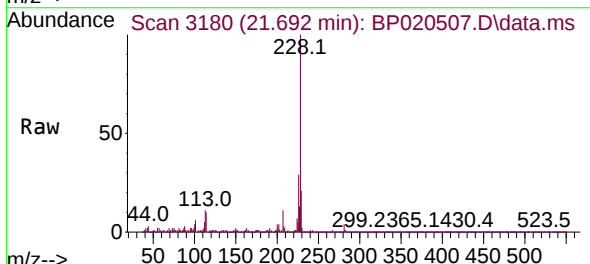
Instrument :
BNA_P
ClientSampleId :
72-11998

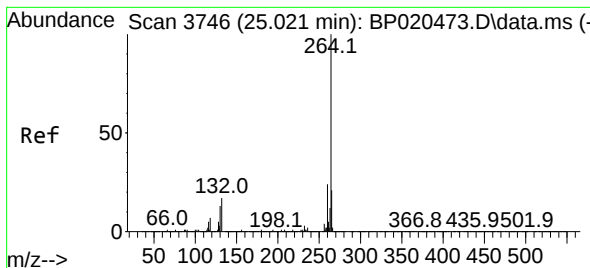
Tgt Ion:228 Resp: 455426
Ion Ratio Lower Upper
228 100
226 28.5 21.7 32.5
229 20.7 15.8 23.6



#83
Chrysene
Concen: 6.610 ng
RT: 21.692 min Scan# 3180
Delta R.T. -0.023 min
Lab File: BP020507.D
Acq: 04 Jun 2024 22:39

Tgt Ion:228 Resp: 566697
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 20.8 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

Instrument :

BNA_P

ClientSampleId :

72-11998

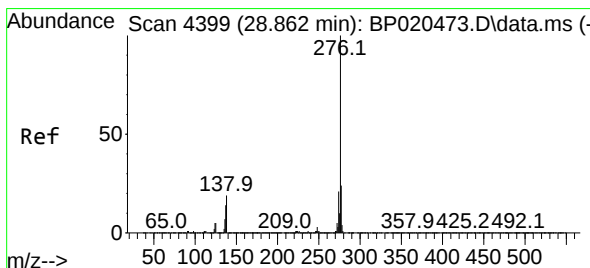
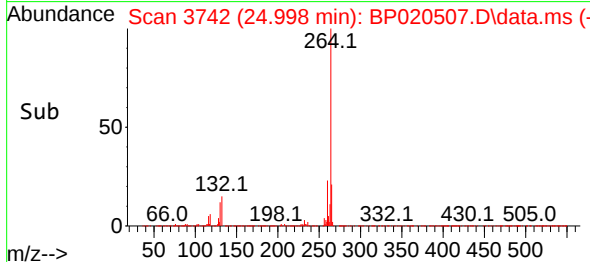
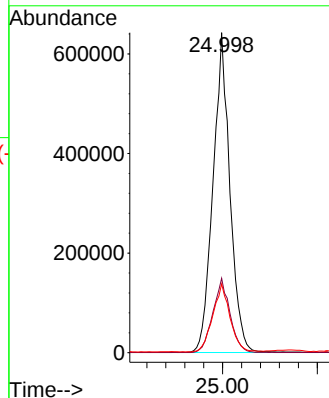
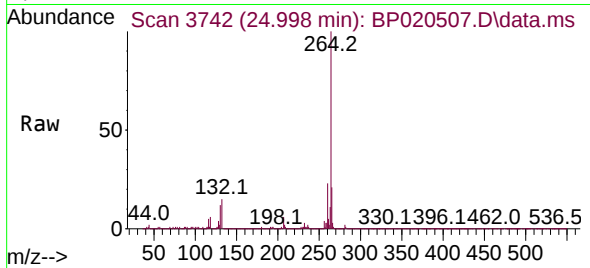
Tgt Ion:264 Resp: 1586510

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.5 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.758 ng

RT: 28.804 min Scan# 4389

Delta R.T. -0.059 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

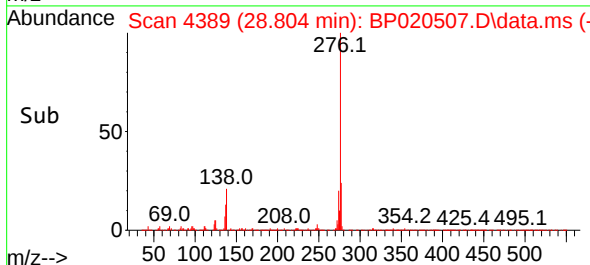
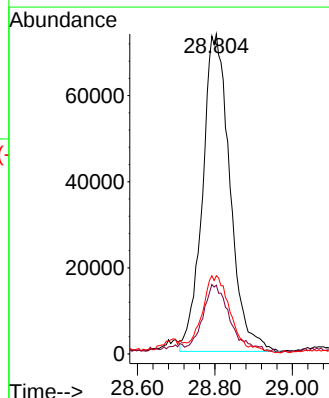
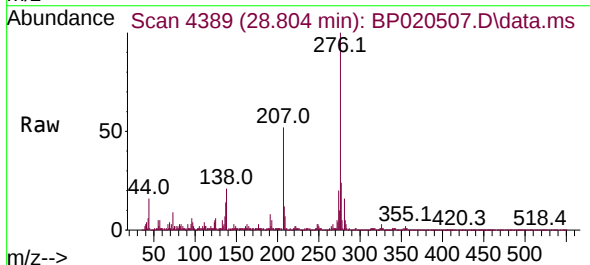
Tgt Ion:276 Resp: 362548

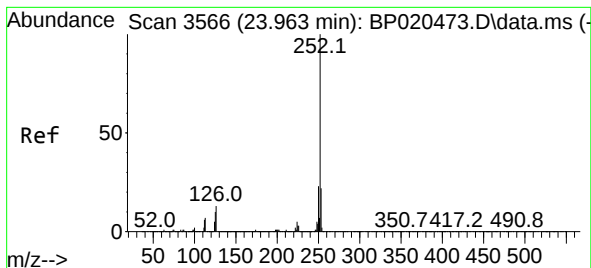
Ion Ratio Lower Upper

276 100

138 21.7 12.8 19.2#

277 25.1 15.6 23.4#





#88

Benzo(b)fluoranthene

Concen: 8.220 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.023 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

Instrument :

BNA_P

ClientSampleId :

72-11998

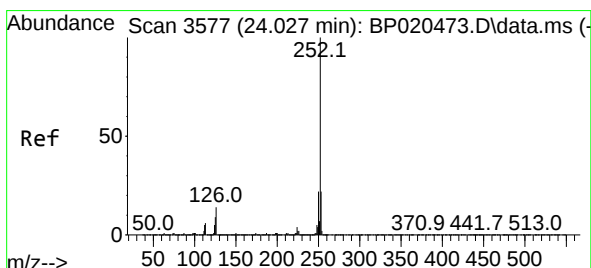
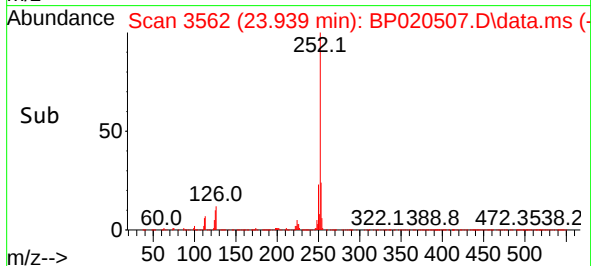
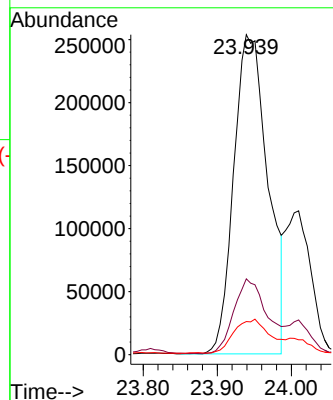
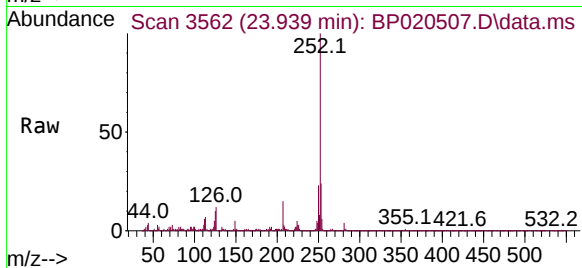
Tgt Ion:252 Resp: 812433

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 10.3 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 8.428 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.088 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

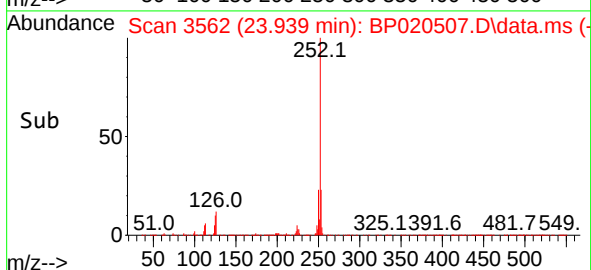
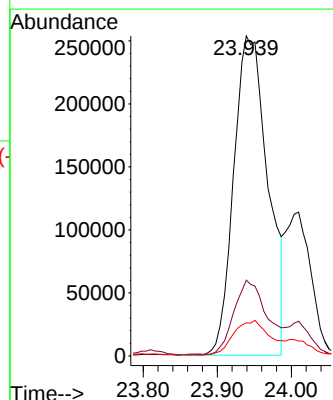
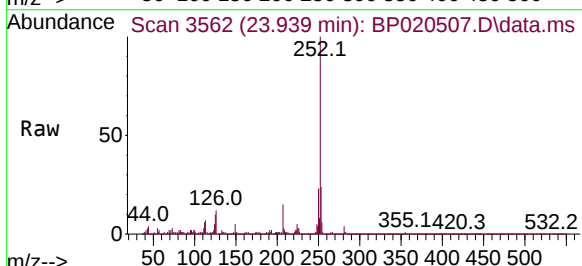
Tgt Ion:252 Resp: 812433

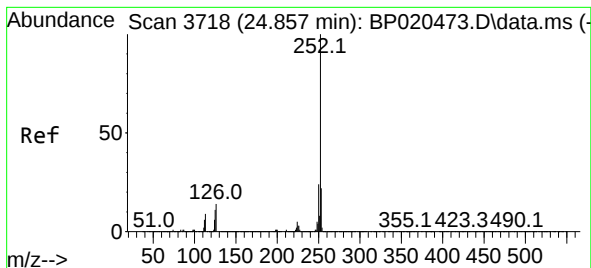
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 10.3 7.8 11.6





#90

Benzo(a)pyrene

Concen: 5.487 ng

RT: 24.833 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

Instrument :

BNA_P

ClientSampleId :

72-11998

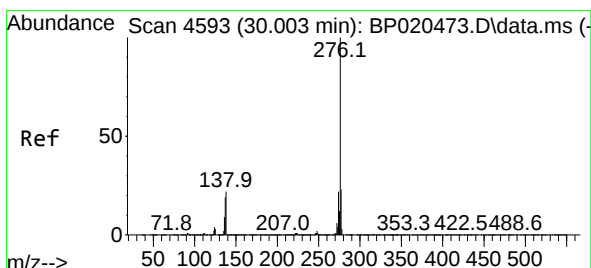
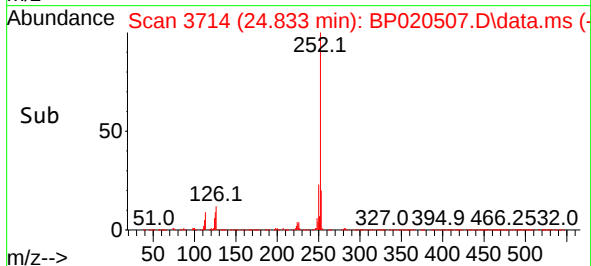
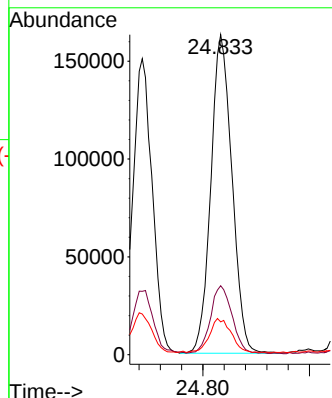
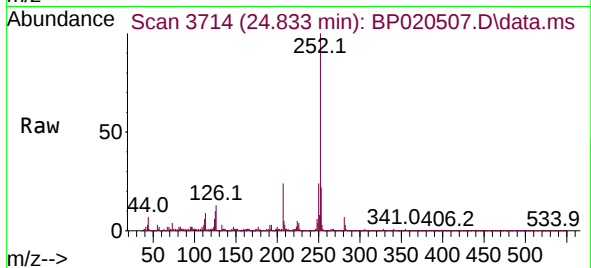
Tgt Ion:252 Resp: 449128

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.3 8.9 13.3



#92

Benzo(g,h,i)perylene

Concen: 4.286 ng

RT: 29.956 min Scan# 4585

Delta R.T. -0.047 min

Lab File: BP020507.D

Acq: 04 Jun 2024 22:39

Tgt Ion:276 Resp: 344696

Ion Ratio Lower Upper

276 100

277 25.0 18.7 28.1

138 22.0 17.7 26.5

