

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020532.D
 Acq On : 06 Jun 2024 01:41
 Operator : MA/JU
 Sample : P2668-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-1

Quant Time: Jun 06 02:24:25 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)

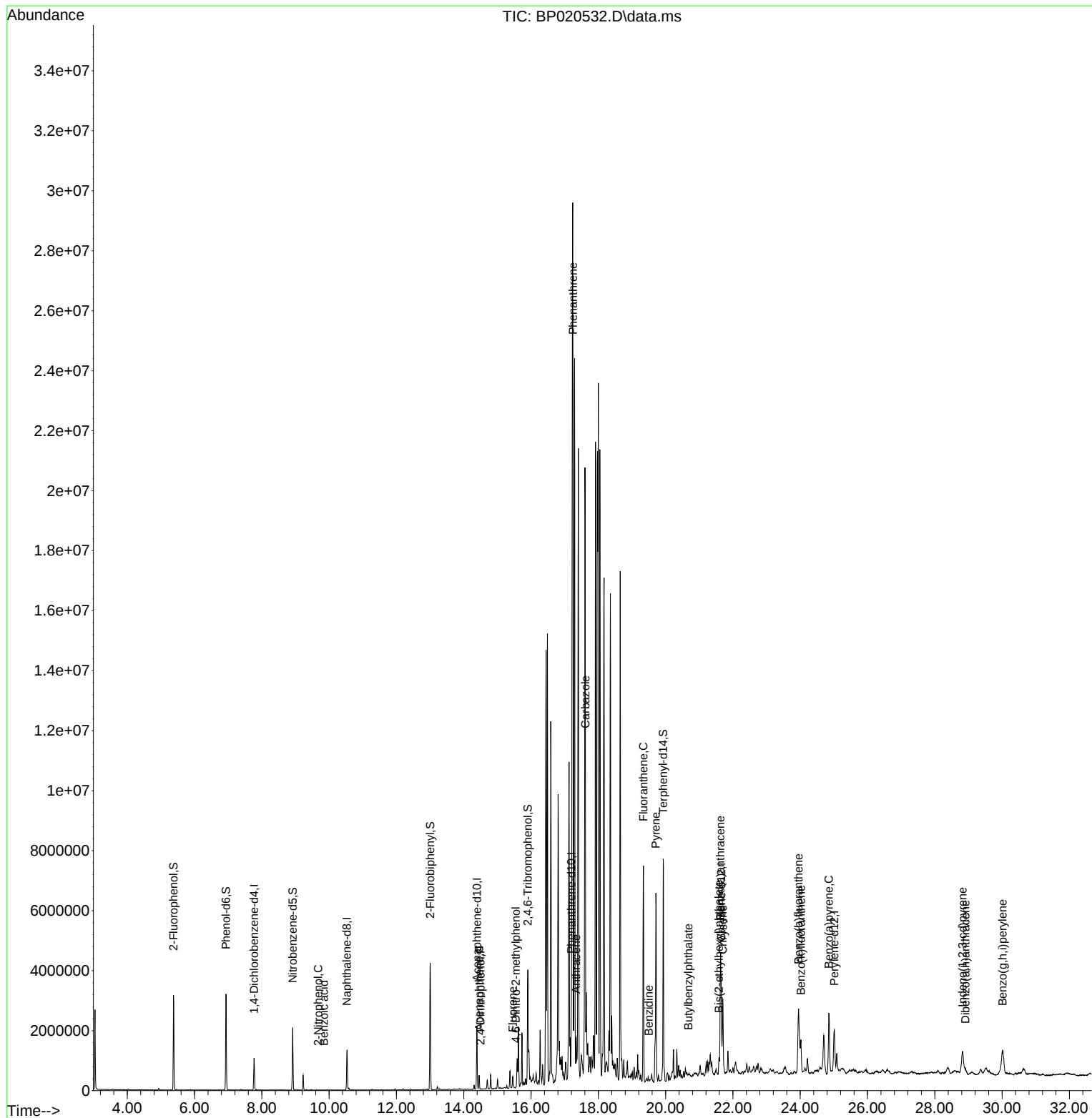
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	299344	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1164966	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	754260	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1526615	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1383425	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1606710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1333079	79.735	ng	0.00
7) Phenol-d6	6.934	99	1715753	72.770	ng	0.00
23) Nitrobenzene-d5	8.916	82	1078076	50.657	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	732706	93.604	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2415212	47.734	ng	0.00
79) Terphenyl-d14	19.927	244	3594989	43.260	ng	-0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.675	139	59	3.798	ng	# 1
32) Benzoic acid	9.846	122	75	6.854	ng	# 1
52) Acenaphthene	14.457	154	169588	4.282	ng	99
54) 2,4-Dinitrophenol	14.498	184	94	4.998	ng	# 1
58) Fluorene	15.457	166	145548	2.890	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	23	7.656	ng	# 1
71) Phenanthrene	17.245	178	1727921	23.025	ng	96
72) Anthracene	17.339	178	579825	7.874	ng	98
73) Carbazole	17.616	167	237881	3.340	ng	98
75) Fluoranthene	19.339	202	4733912	53.322	ng	99
77) Benzidine	19.498	184	2178	6.009	ng	# 1
78) Pyrene	19.710	202	4142650	39.811	ng	100
80) Butylbenzylphthalate	20.674	149	7766	2.607	ng	# 79
81) Benzo(a)anthracene	21.627	228	2256234	24.769	ng	99
83) Chrysene	21.698	228	1987122	23.151	ng	97
84) Bis(2-ethylhexyl)phtha...	21.586	149	187375	3.164	ng	97
87) Indeno(1,2,3-cd)pyrene	28.827	276	1533115	15.692	ng	# 90
88) Benzo(b)fluoranthene	23.951	252	2813996	28.113	ng	100
89) Benzo(k)fluoranthene	24.021	252	930262	9.529	ng	97
90) Benzo(a)pyrene	24.851	252	2118571	25.557	ng	98
91) Dibenzo(a,h)anthracene	28.909	278	344342	4.225	ng	94
92) Benzo(g,h,i)perylene	30.015	276	1596548	19.600	ng	98

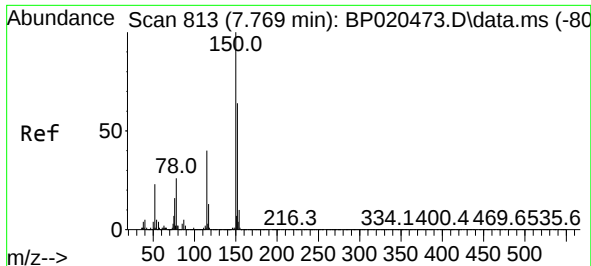
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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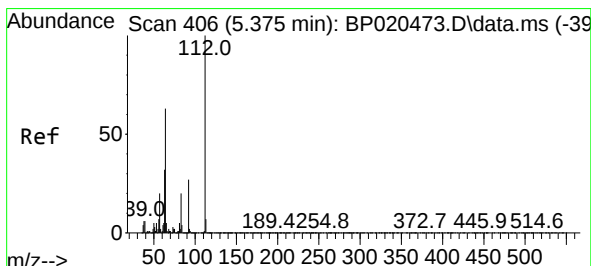
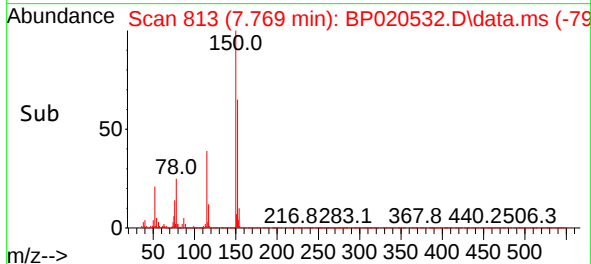
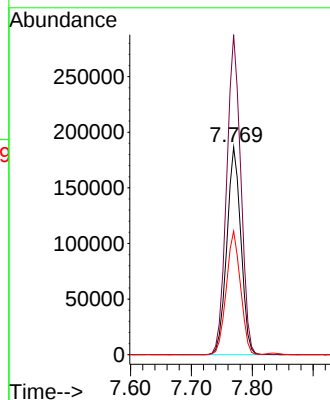
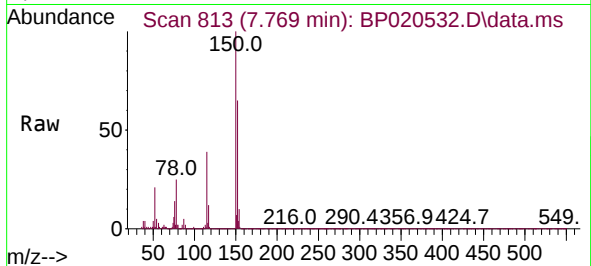




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

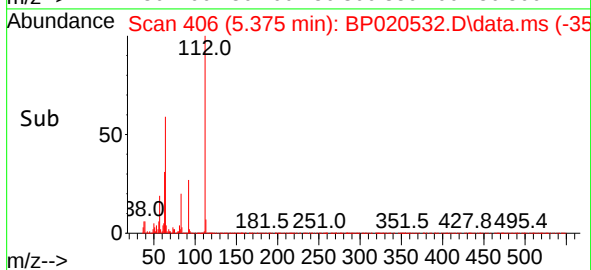
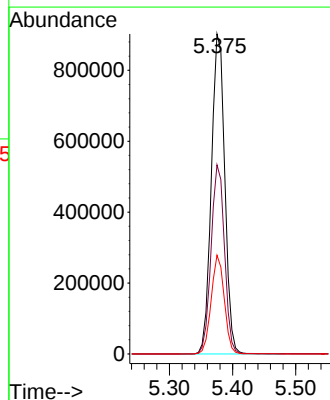
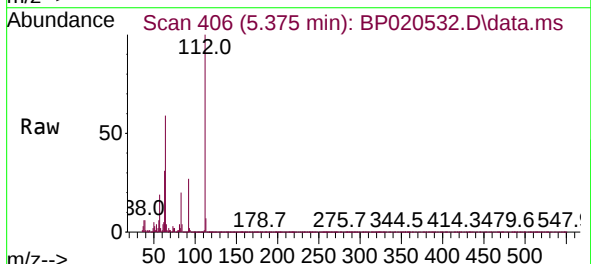
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BNA_P
ClientSampleId :
WC-TP-1

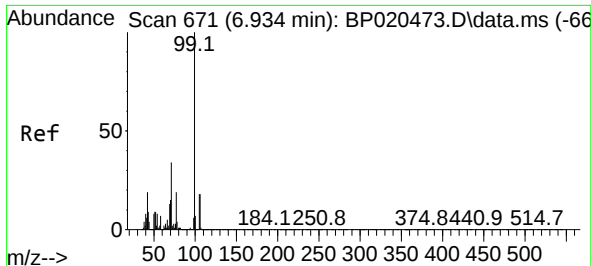
Tgt Ion:152 Resp: 299344
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 59.5 49.5 74.3



#5
2-Fluorophenol
Concen: 79.735 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:112 Resp: 1333079
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 30.9 25.7 38.5

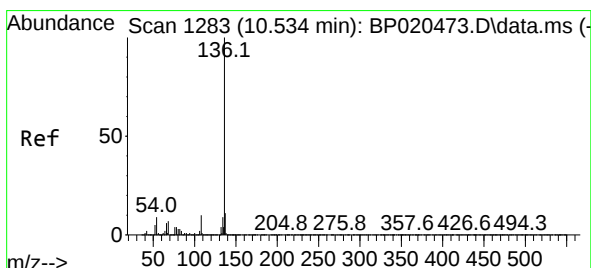
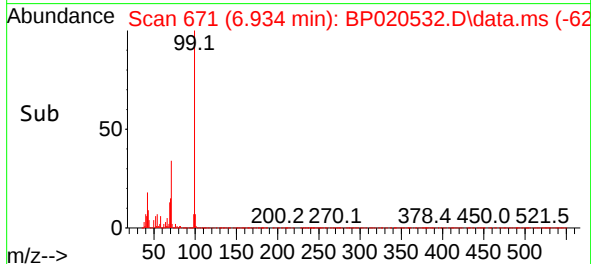
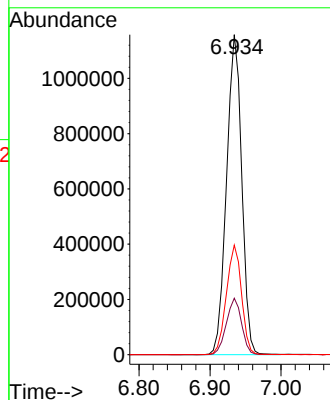
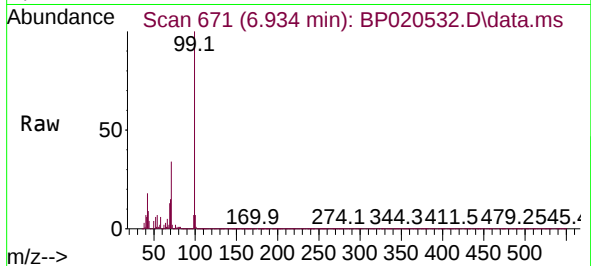




#7
Phenol-d6
Concen: 72.770 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

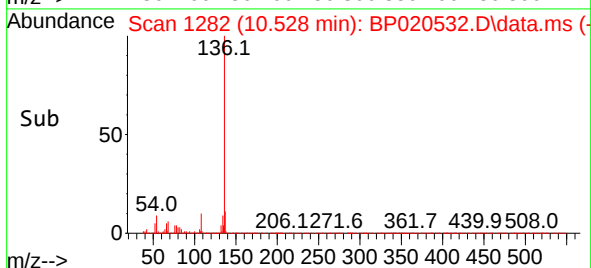
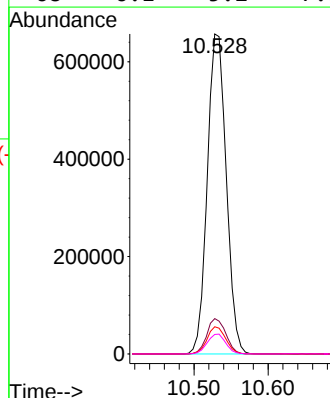
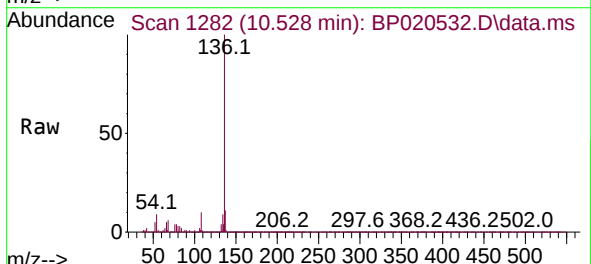
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

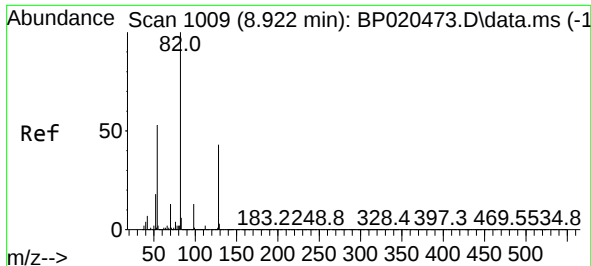
Tgt Ion: 99 Resp: 1715753
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 34.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:136 Resp: 1164966
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.5 7.4 11.0
68 6.1 5.2 7.8

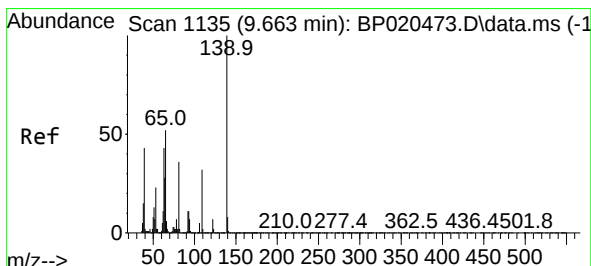
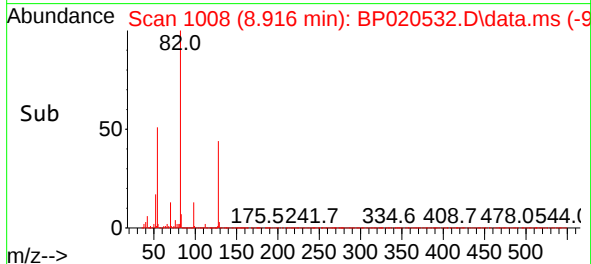
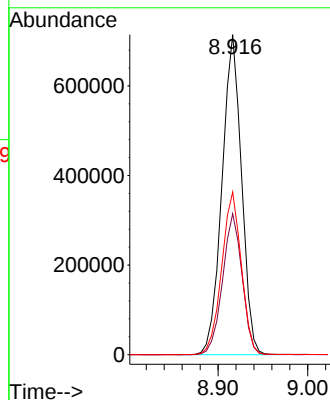
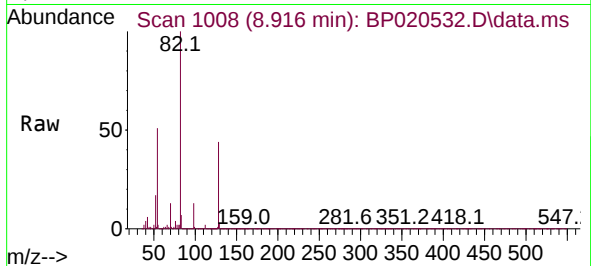




#23
Nitrobenzene-d5
Concen: 50.657 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

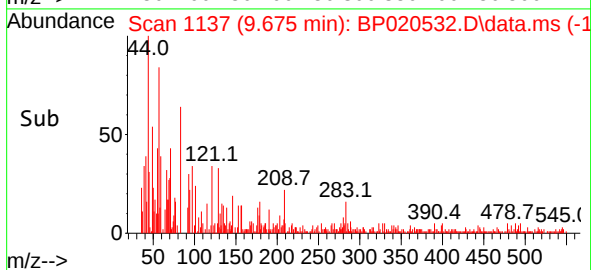
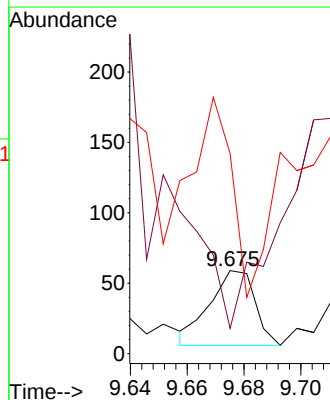
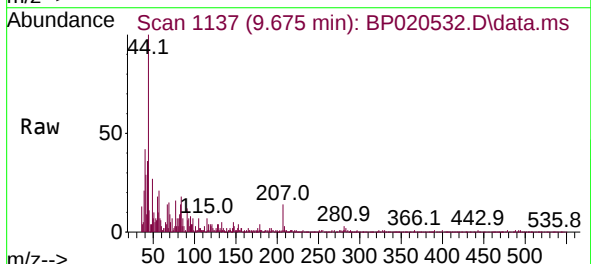
Instrument :
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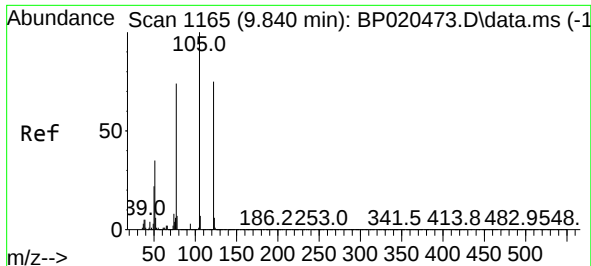
Tgt Ion: 82 Resp: 1078076
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 50.8 42.7 64.1



#26
2-Nitrophenol
Concen: 3.798 ng
RT: 9.675 min Scan# 1137
Delta R.T. 0.012 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 30.5 25.8 38.8
65 240.7 41.8 62.8#

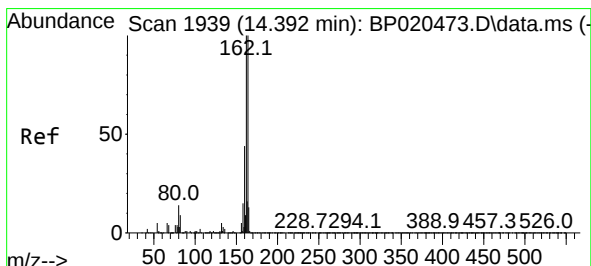
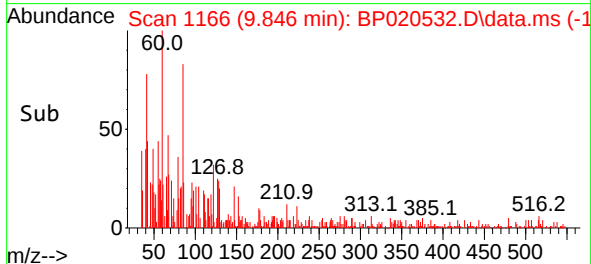
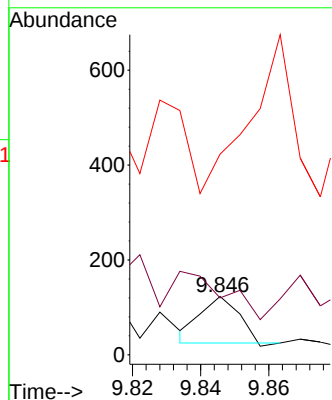
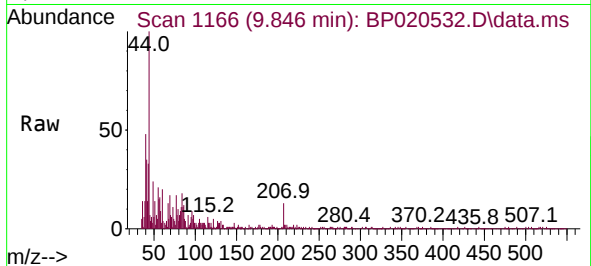




#32
Benzoic acid
Concen: 6.854 ng
RT: 9.846 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

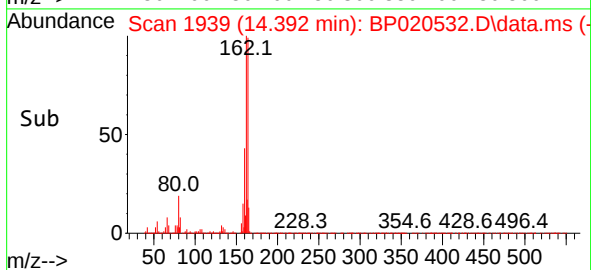
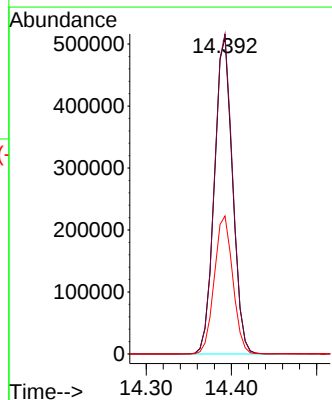
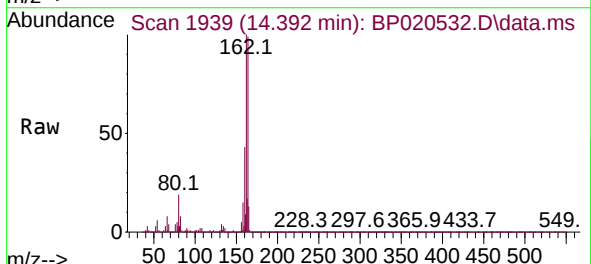
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

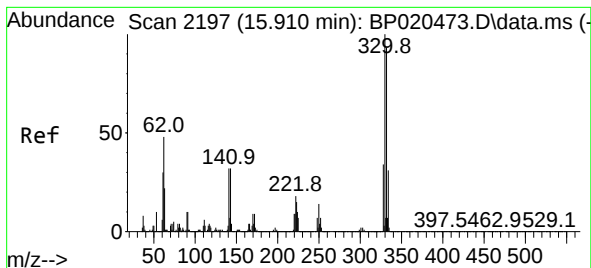
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 87.6 107.5 147.5#
77 308.8 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:164 Resp: 754260
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 93.604 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

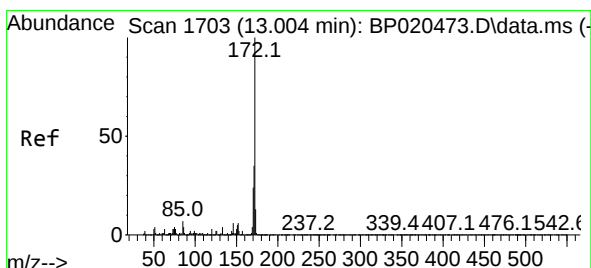
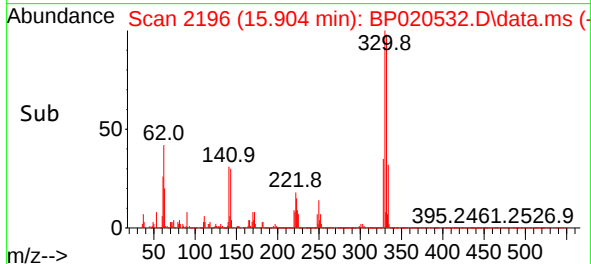
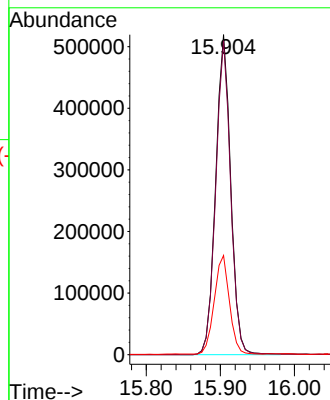
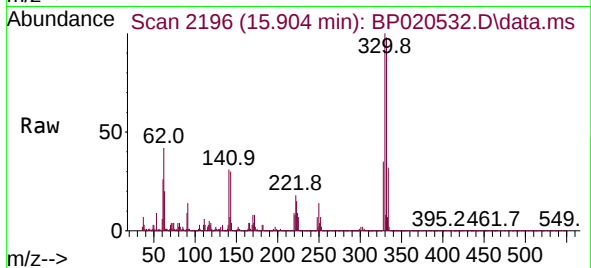
Tgt Ion:330 Resp: 732706

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

141 31.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 47.734 ng

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

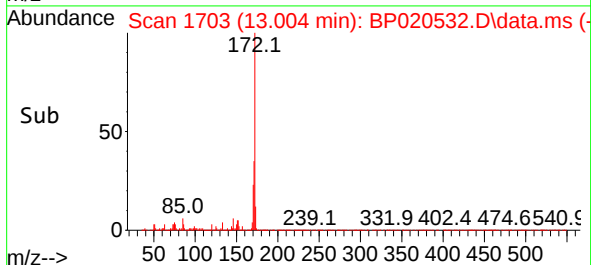
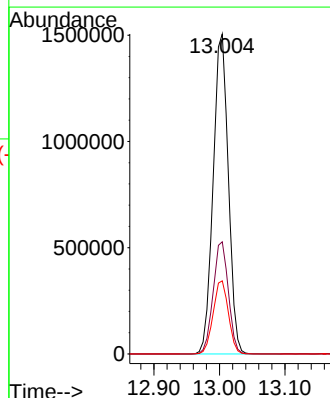
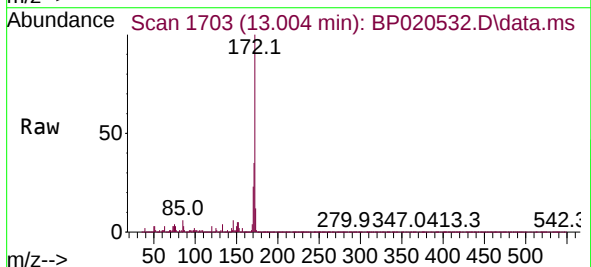
Tgt Ion:172 Resp: 2415212

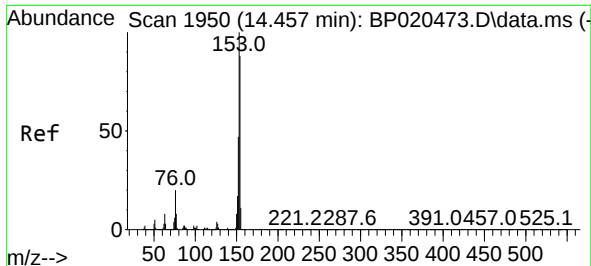
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 22.9 18.9 28.3

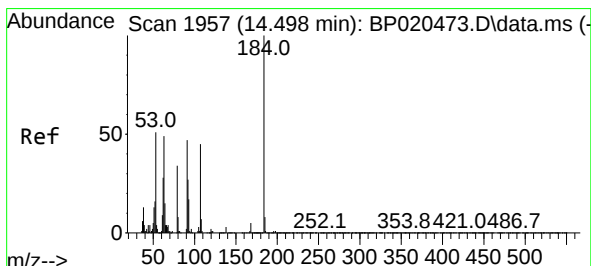
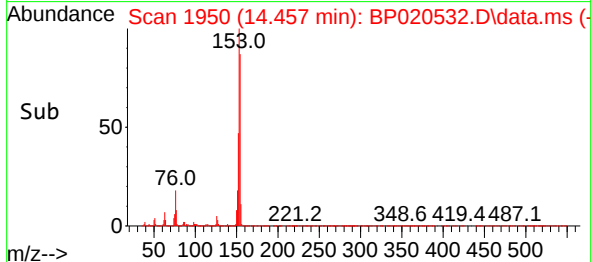
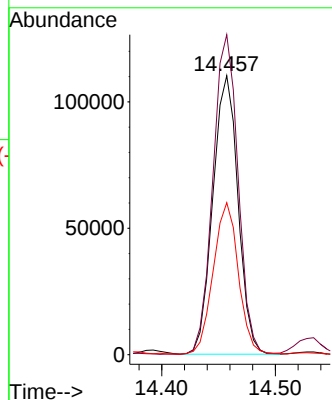
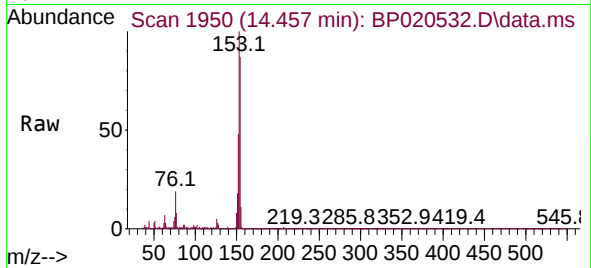




#52
Acenaphthene
Concen: 4.282 ng
RT: 14.457 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

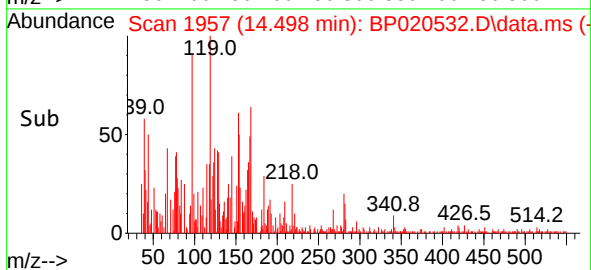
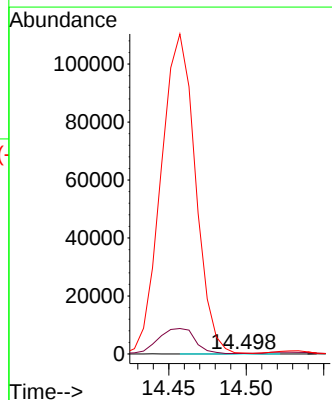
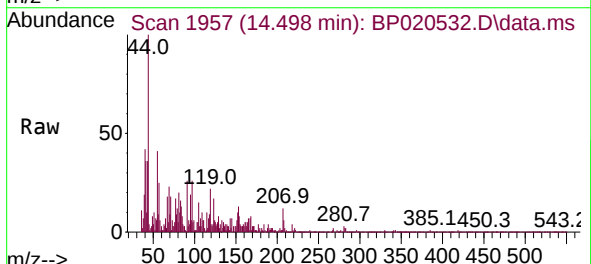
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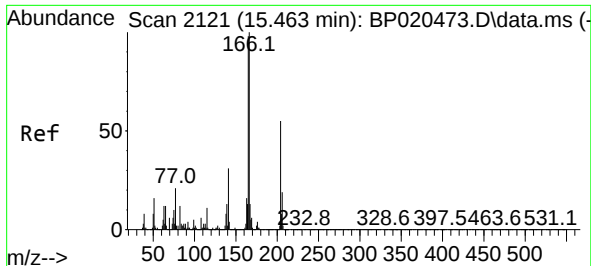
Tgt Ion:154 Resp: 169588
Ion Ratio Lower Upper
154 100
153 114.7 90.6 136.0
152 54.5 42.6 63.8



#54
2,4-Dinitrophenol
Concen: 4.998 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 101.3 54.2 81.4#
154 219.7 51.0 76.6#

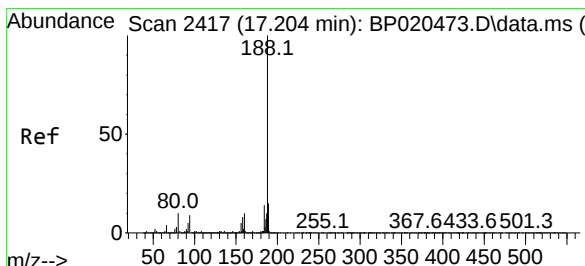
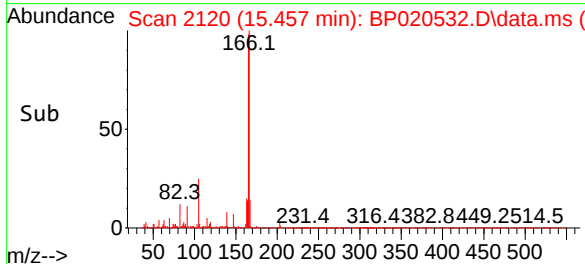
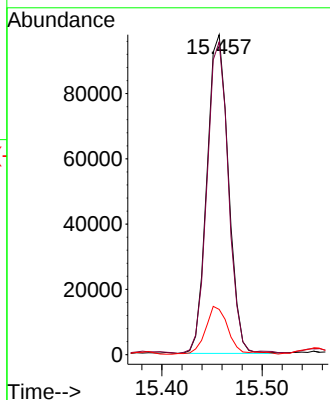
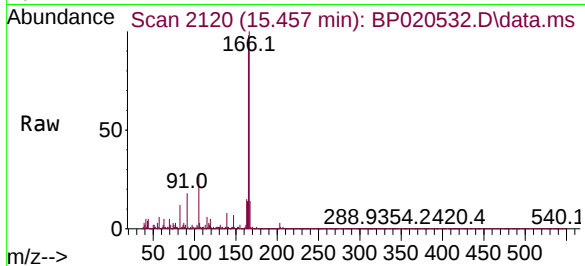




#58
Fluorene
Concen: 2.890 ng
RT: 15.457 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

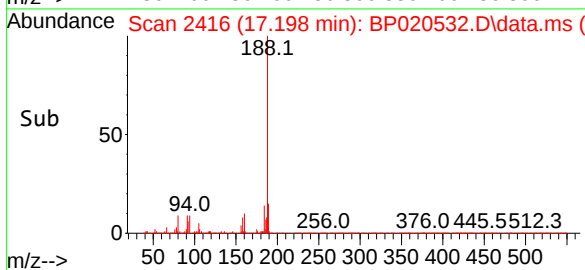
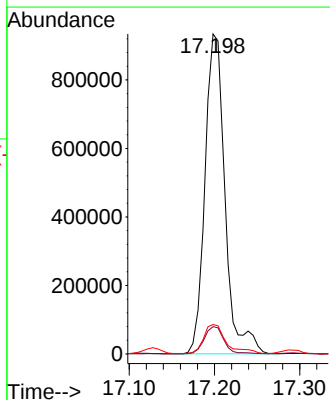
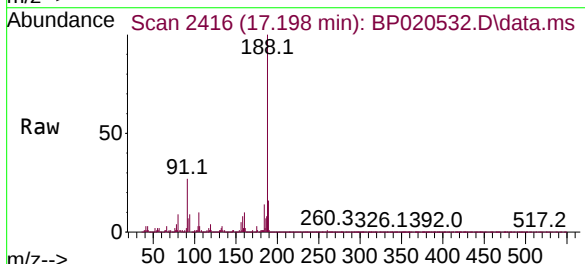
Instrument :
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ClientSampleId :
WC-TP-1

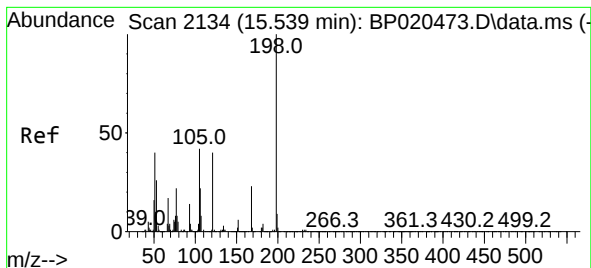
Tgt Ion:166 Resp: 145548
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 14.2 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:188 Resp: 1526615
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.2 8.1 12.1

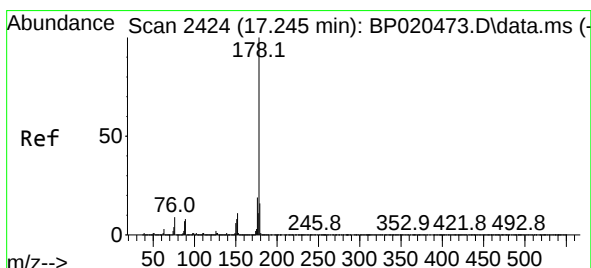
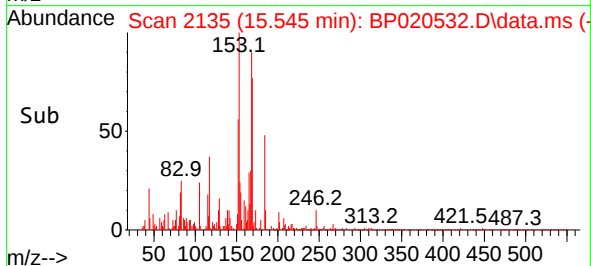
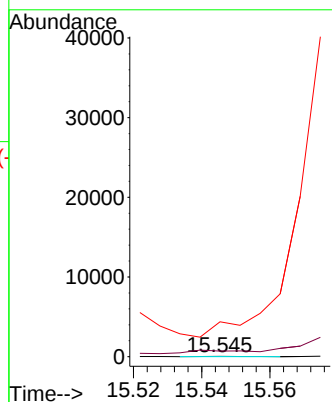
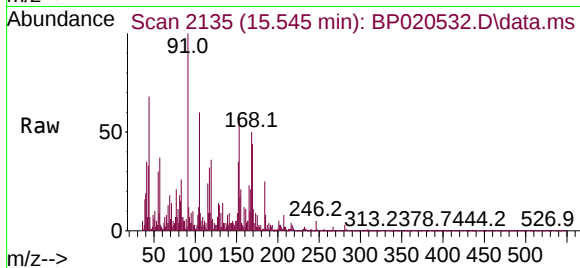




#65
4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 15.545 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

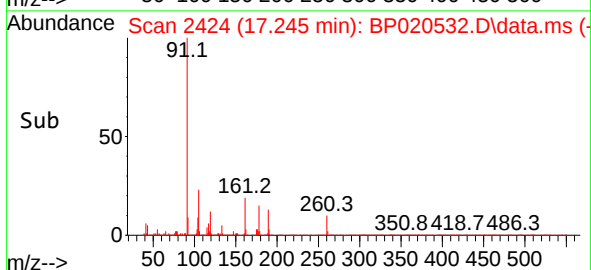
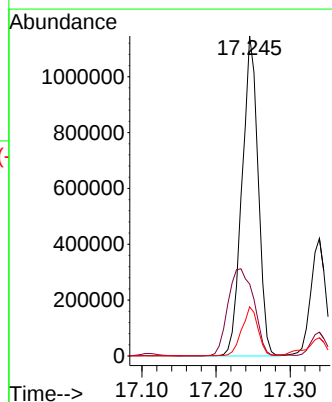
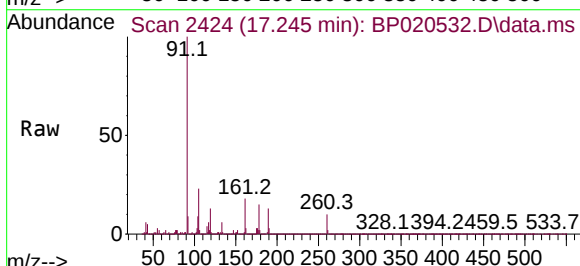
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

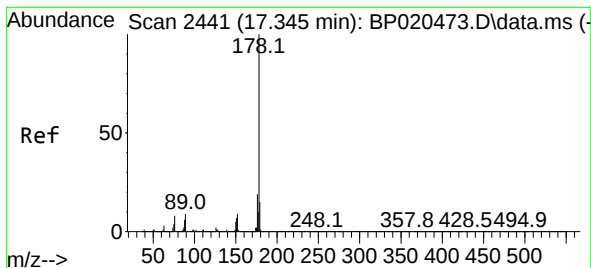
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 2248.4 24.8 64.8#
105 14093.5 23.2 63.2#



#71
Phenanthrene
Concen: 23.025 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:178 Resp: 1727921
Ion Ratio Lower Upper
178 100
176 22.5 15.4 23.2
179 15.4 12.5 18.7





#72

Anthracene

Concen: 7.874 ng

RT: 17.339 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

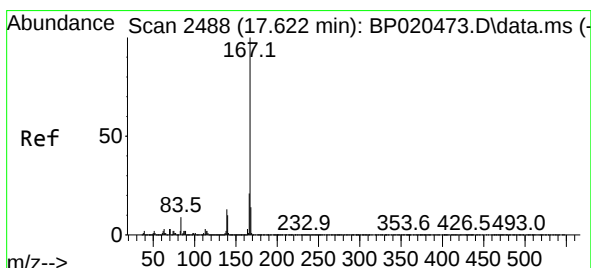
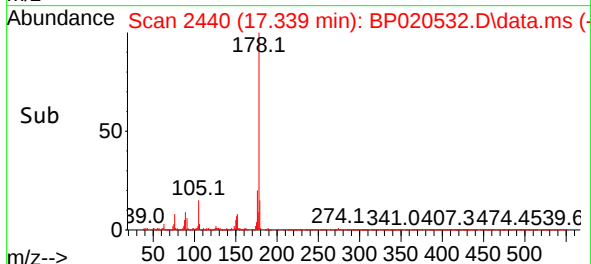
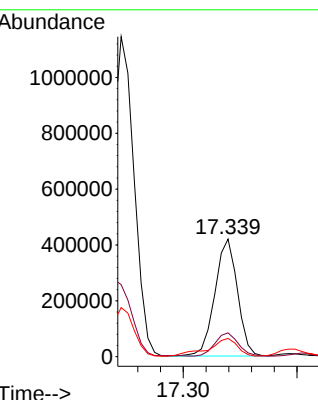
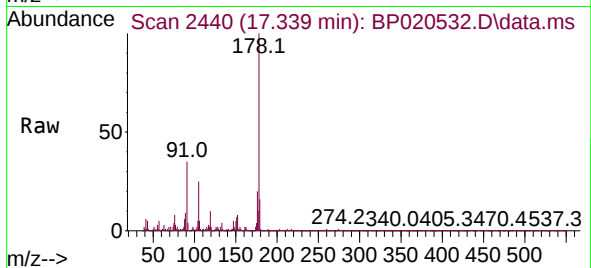
Tgt Ion:178 Resp: 579825

Ion Ratio Lower Upper

178 100

176 20.3 14.8 22.2

179 15.5 12.2 18.4



#73

Carbazole

Concen: 3.340 ng

RT: 17.616 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

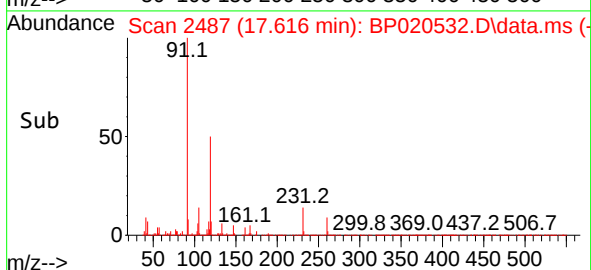
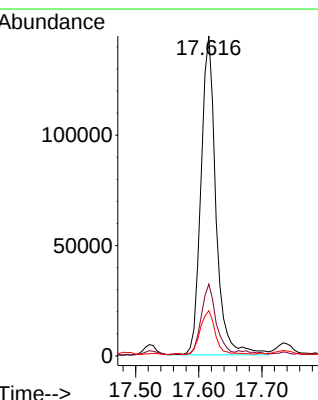
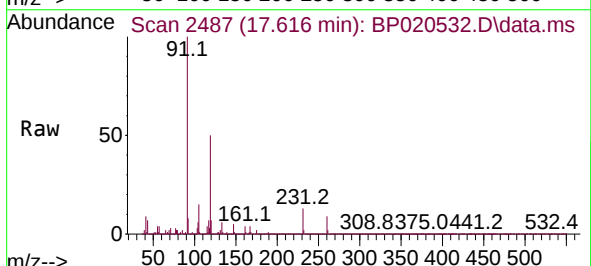
Tgt Ion:167 Resp: 237881

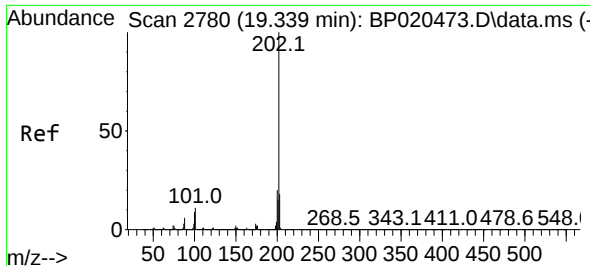
Ion Ratio Lower Upper

167 100

166 22.5 17.1 25.7

139 14.1 10.5 15.7

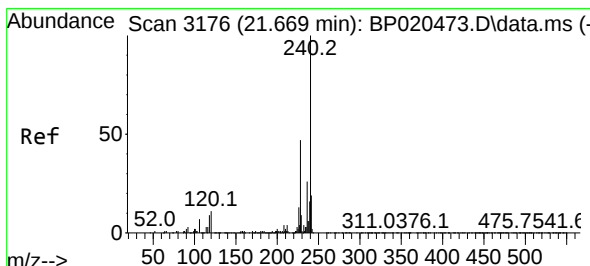
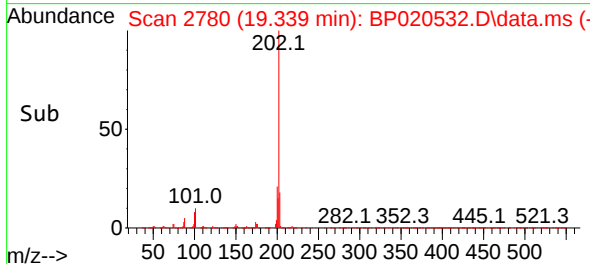
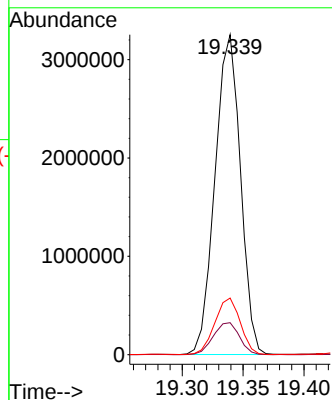
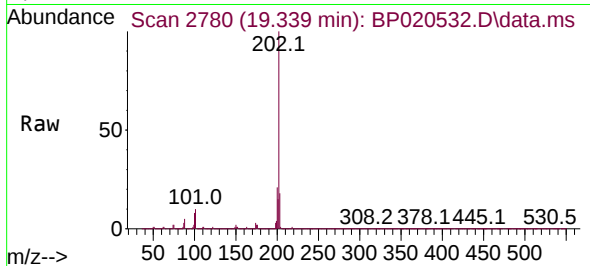




#75
Fluoranthene
Concen: 53.322 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

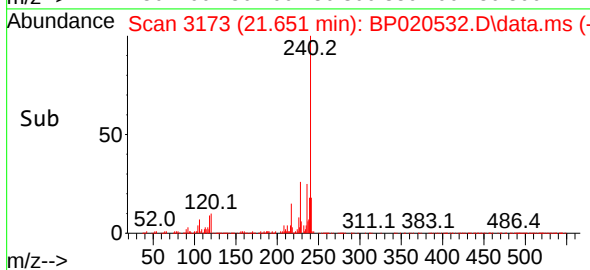
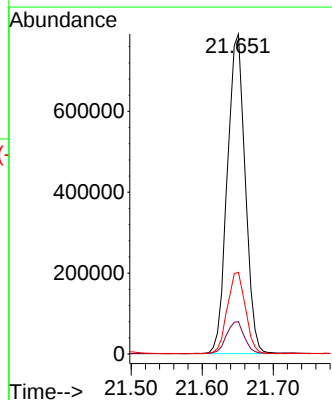
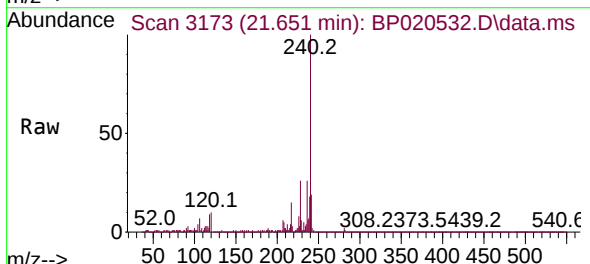
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

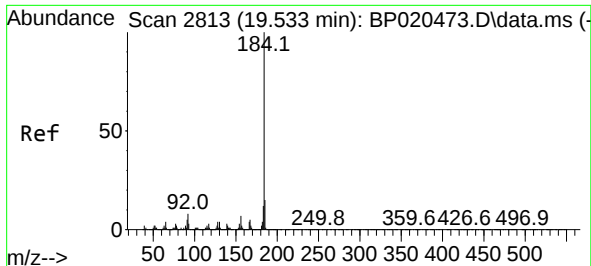
Tgt Ion:202 Resp: 4733912
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:240 Resp: 1383425
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.5 20.5 30.7

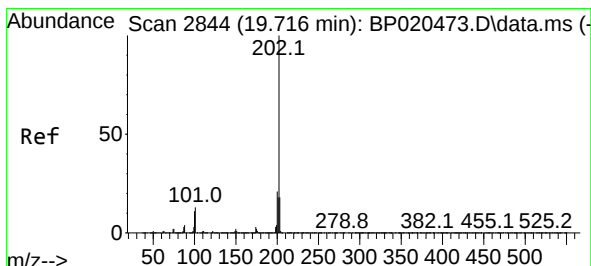
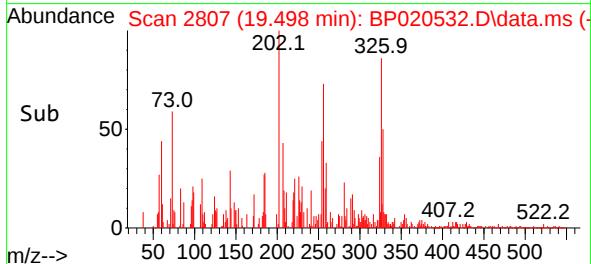
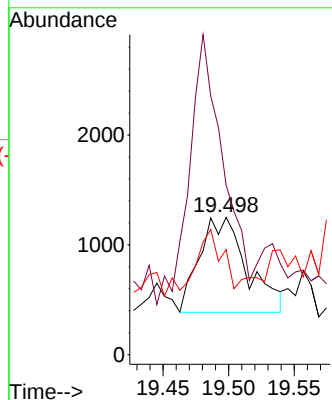
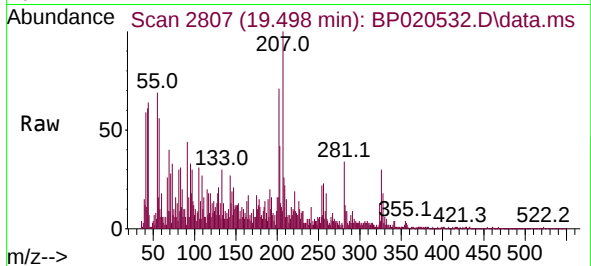




#77
Benzidine
Concen: 6.009 ng
RT: 19.498 min Scan# 2807
Delta R.T. -0.035 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

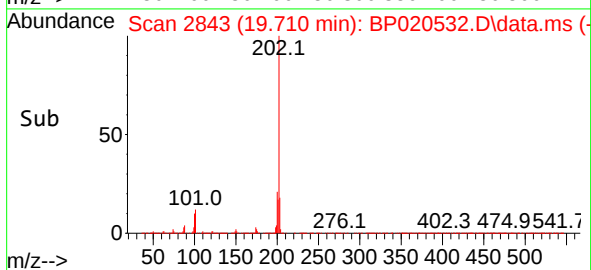
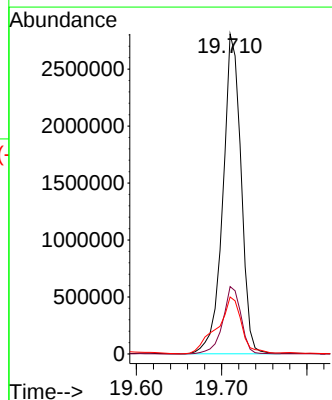
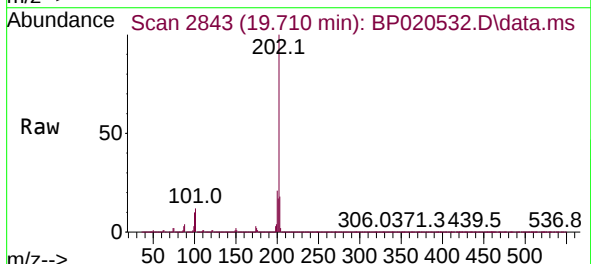
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

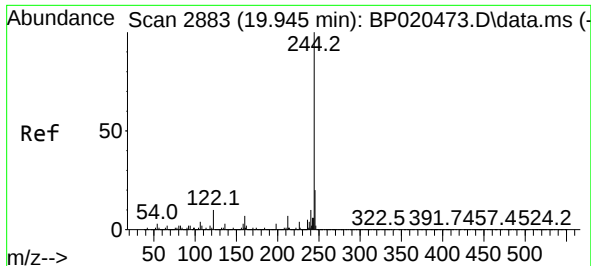
Tgt Ion:184 Resp: 2178
Ion Ratio Lower Upper
184 100
185 123.5 12.0 18.0#
183 76.6 9.4 14.0#



#78
Pyrene
Concen: 39.811 ng
RT: 19.710 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:202 Resp: 4142650
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.8 14.1 21.1

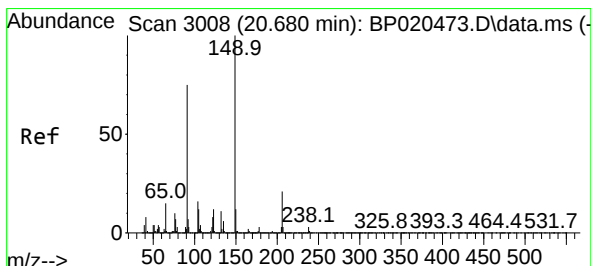
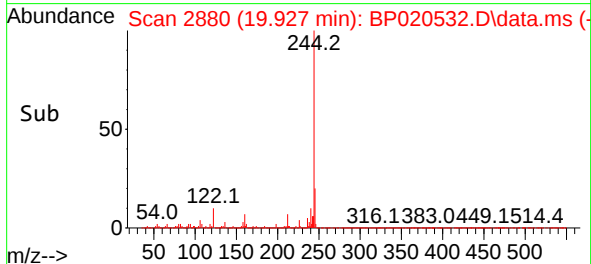
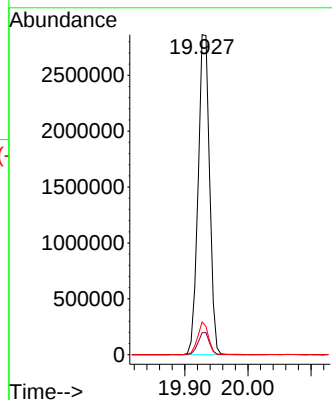
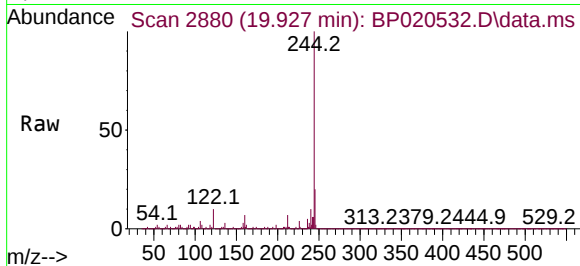




#79
 Terphenyl-d14
 Concen: 43.260 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP020532.D
 Acq: 06 Jun 2024 01:41

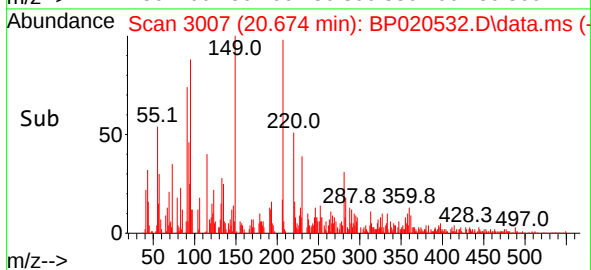
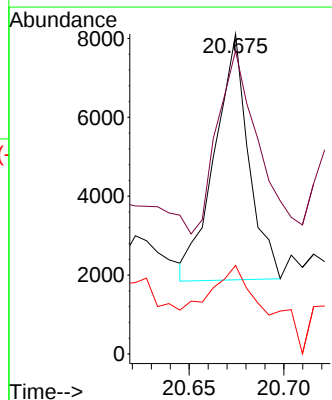
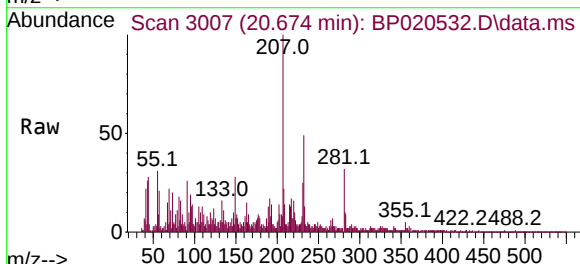
Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-1

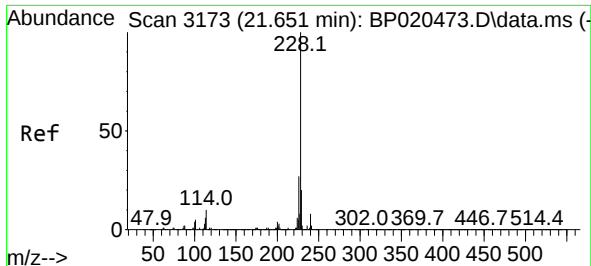
Tgt Ion:244 Resp: 3594989
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.607 ng
 RT: 20.674 min Scan# 3007
 Delta R.T. -0.006 min
 Lab File: BP020532.D
 Acq: 06 Jun 2024 01:41

Tgt Ion:149 Resp: 7766
 Ion Ratio Lower Upper
 149 100
 91 94.7 60.0 90.0#
 206 27.7 16.6 25.0#

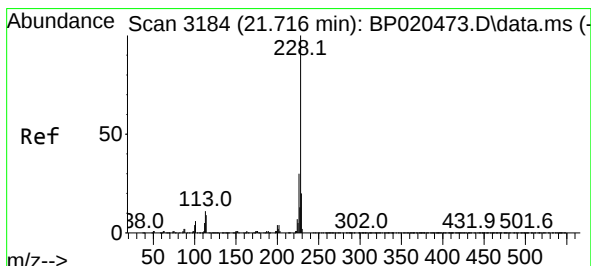
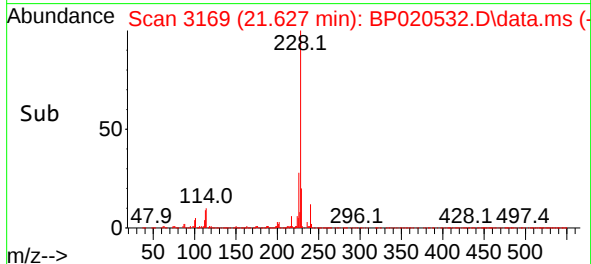
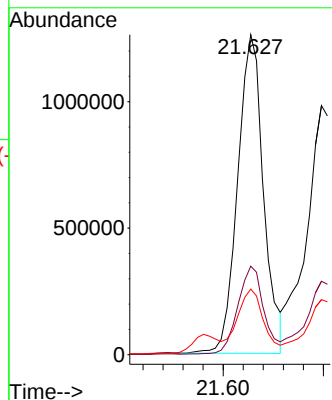
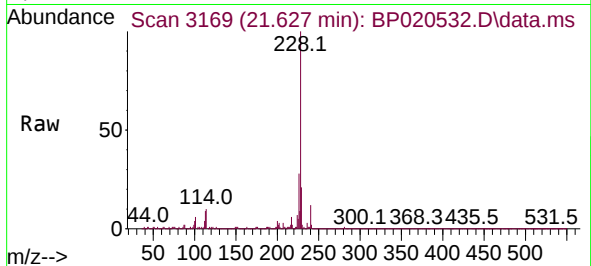




#81
Benzo(a)anthracene
Concen: 24.769 ng
RT: 21.627 min Scan# 3119
Delta R.T. -0.023 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

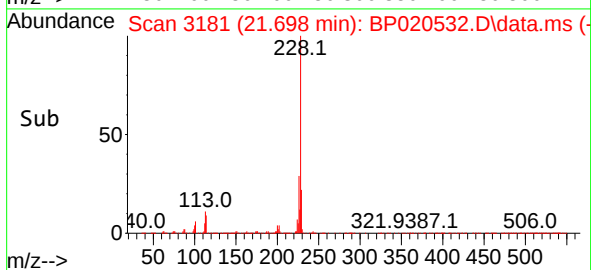
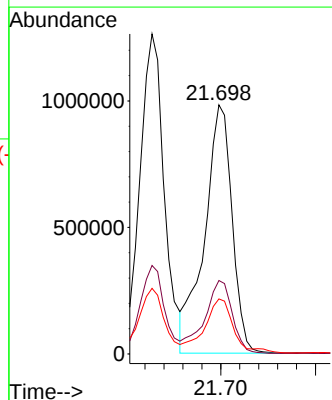
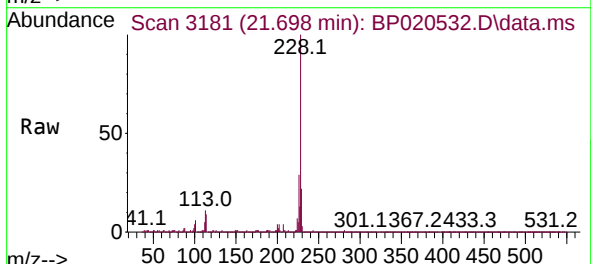
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

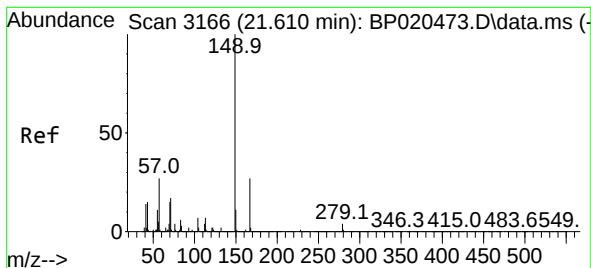
Tgt Ion:228 Resp: 2256234
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.5 15.8 23.6



#83
Chrysene
Concen: 23.151 ng
RT: 21.698 min Scan# 3181
Delta R.T. -0.018 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:228 Resp: 1987122
Ion Ratio Lower Upper
228 100
226 29.5 24.0 36.0
229 22.1 15.7 23.5

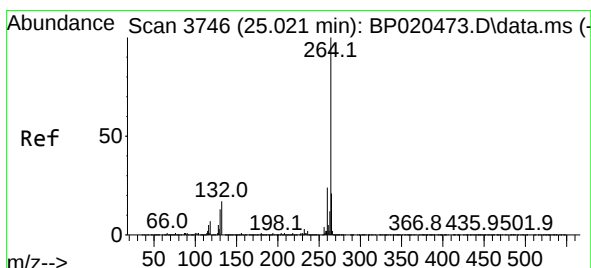
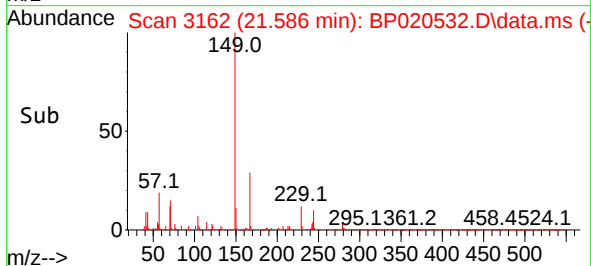
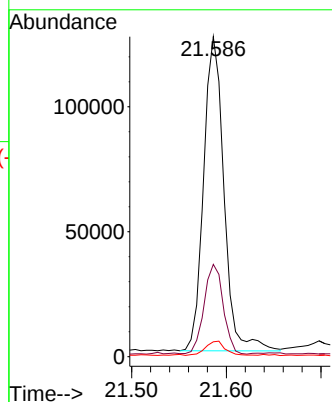
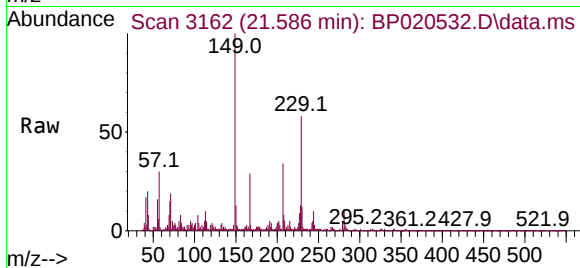




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.164 ng
RT: 21.586 min Scan# 3166
Delta R.T. -0.024 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

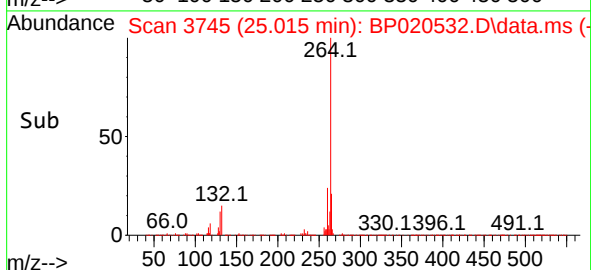
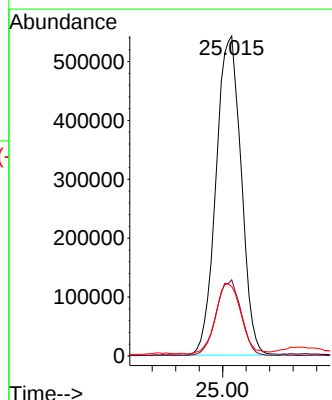
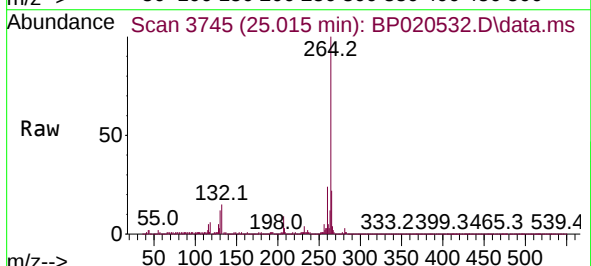
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

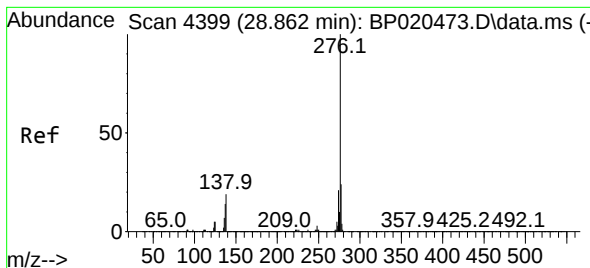
Tgt Ion:149 Resp: 187375
Ion Ratio Lower Upper
149 100
167 28.9 21.8 32.6
279 4.6 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3745
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:264 Resp: 1606710
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 15.692 ng

RT: 28.827 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

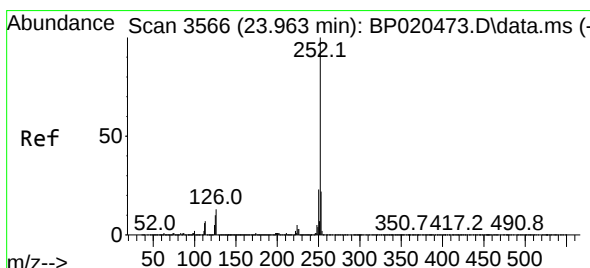
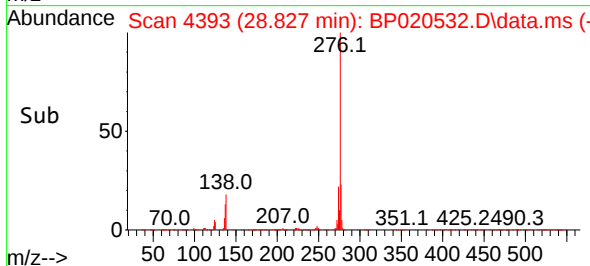
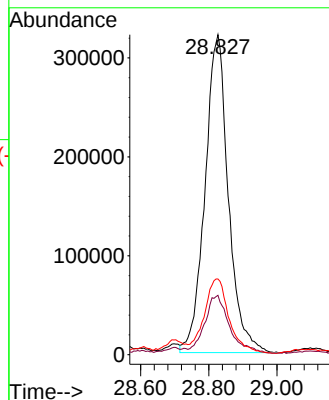
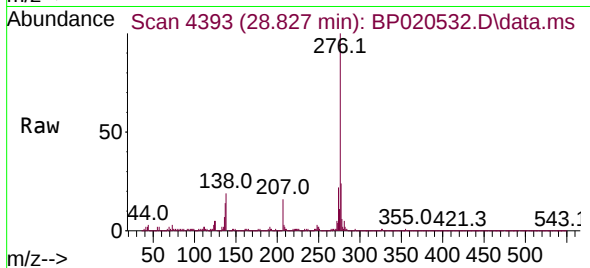
Tgt Ion:276 Resp: 1533115

Ion Ratio Lower Upper

276 100

138 19.3 12.8 19.2#

277 24.9 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 28.113 ng

RT: 23.951 min Scan# 3564

Delta R.T. -0.012 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

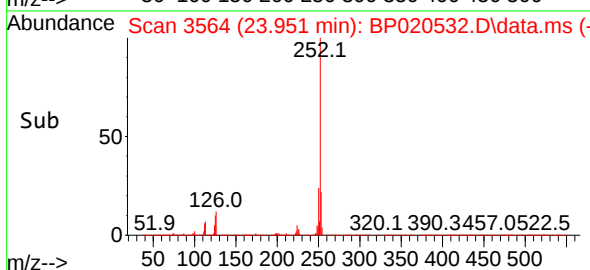
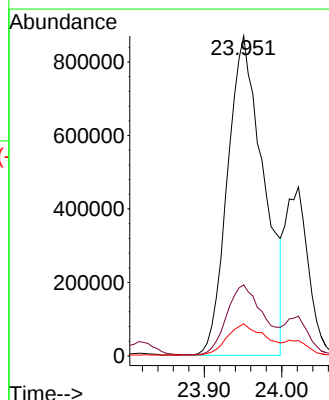
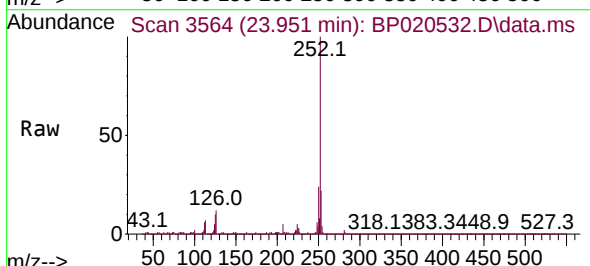
Tgt Ion:252 Resp: 2813996

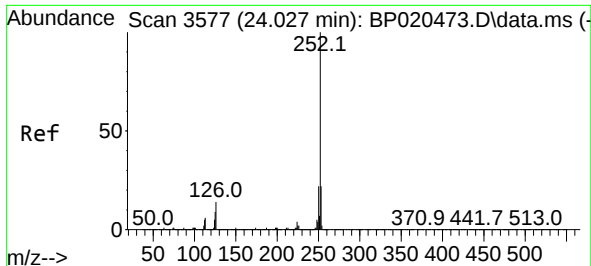
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.1 8.0 12.0

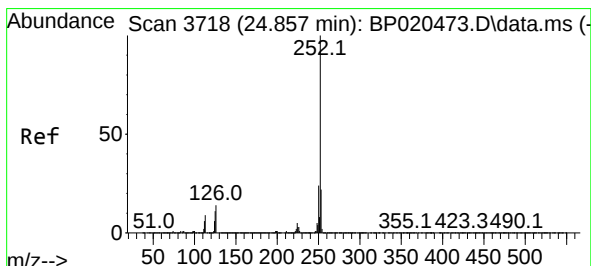
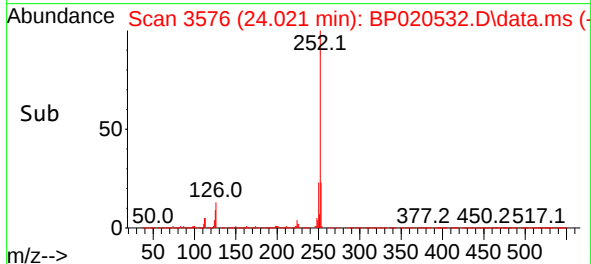
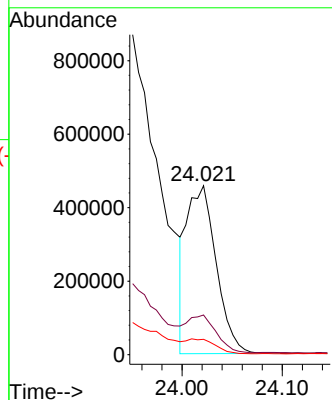
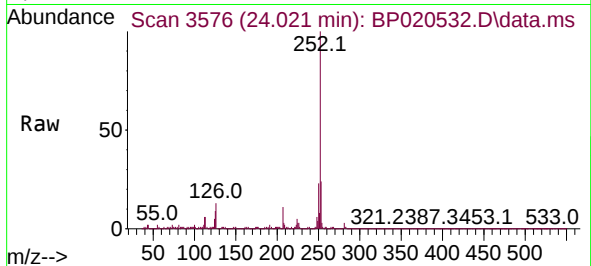




#89
Benzo(k)fluoranthene
Concen: 9.529 ng
RT: 24.021 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

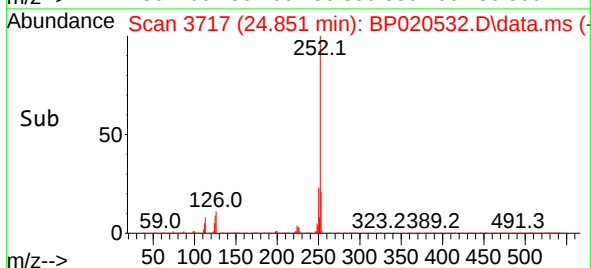
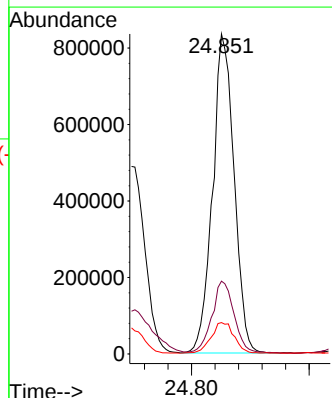
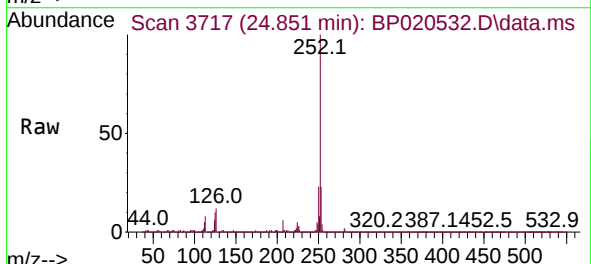
Instrument :
BNA_P
ClientSampleId :
WC-TP-1

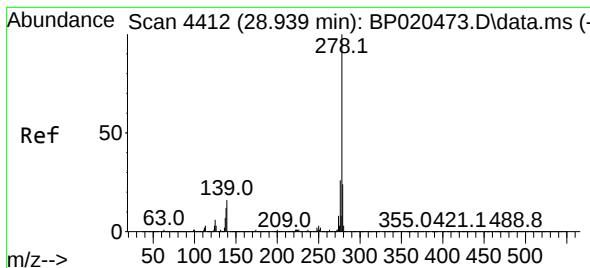
Tgt Ion:252 Resp: 930262
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 25.557 ng
RT: 24.851 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BP020532.D
Acq: 06 Jun 2024 01:41

Tgt Ion:252 Resp: 2118571
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 4.225 ng

RT: 28.909 min Scan# 4412

Delta R.T. -0.029 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Instrument :

BNA_P

ClientSampleId :

WC-TP-1

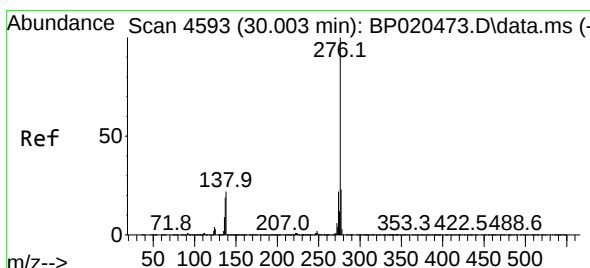
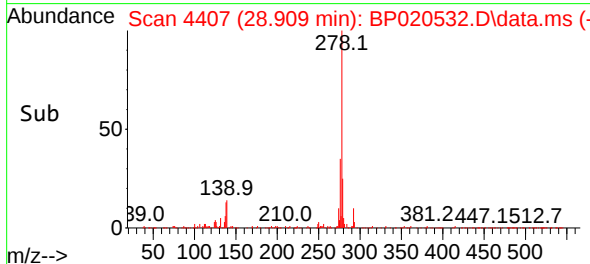
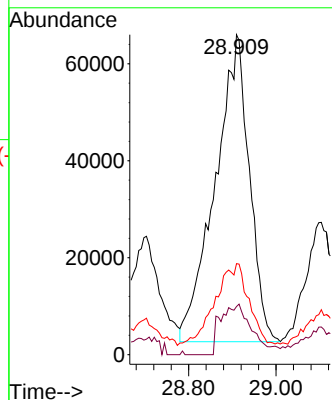
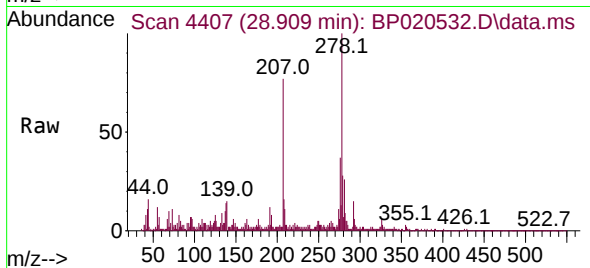
Tgt Ion:278 Resp: 344342

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

279 28.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 19.600 ng

RT: 30.015 min Scan# 4595

Delta R.T. 0.012 min

Lab File: BP020532.D

Acq: 06 Jun 2024 01:41

Tgt Ion:276 Resp: 1596548

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 20.4 17.7 26.5

