

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020504.D
 Acq On : 04 Jun 2024 20:26
 Operator : MA/JU
 Sample : P2687-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223

Quant Time: Jun 05 01:24:35 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)

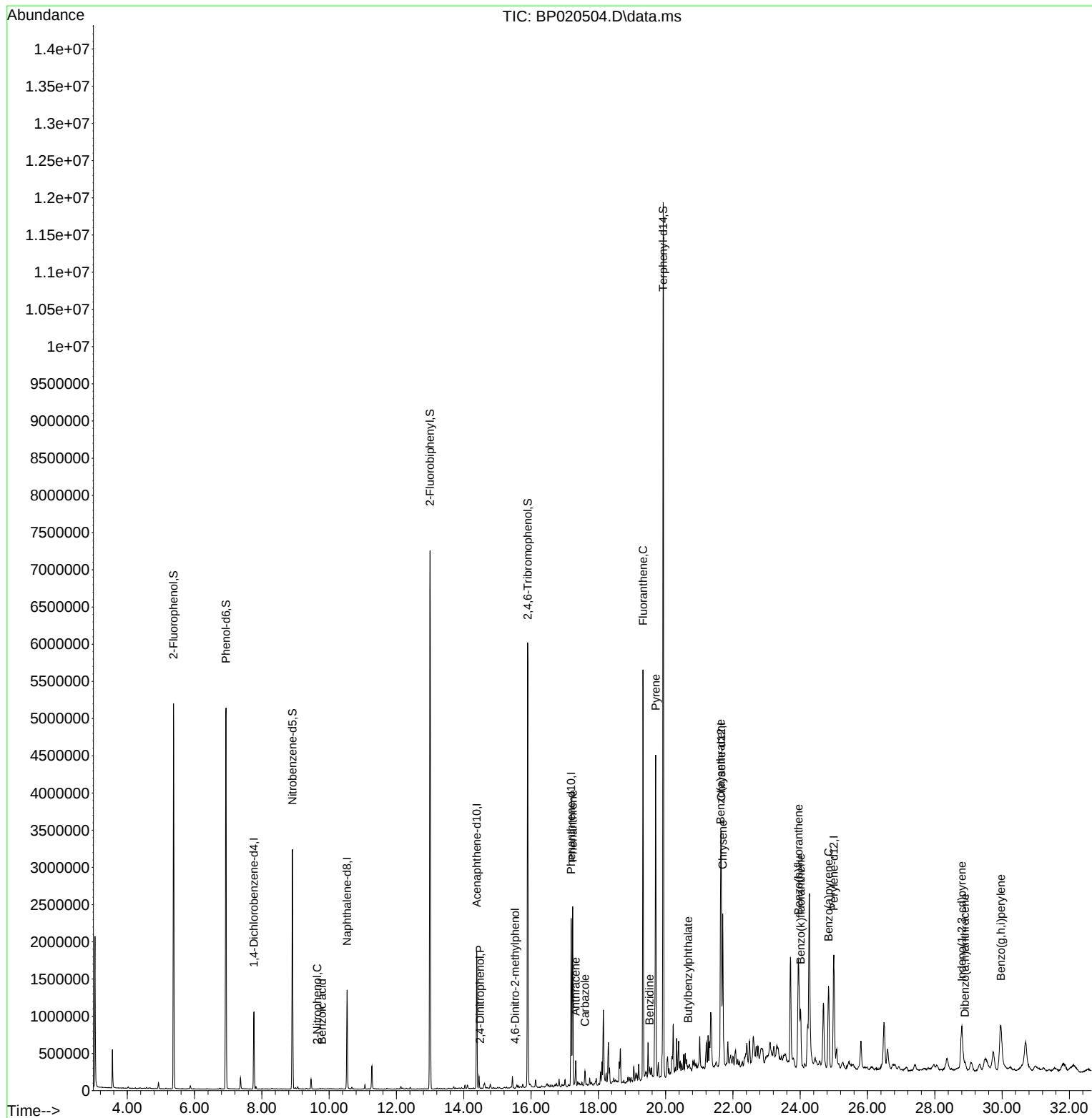
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	279472	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1114048	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	685400	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1458619	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1326337	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1547338	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2197289	140.770	ng	0.00
7) Phenol-d6	6.934	99	2927254	132.981	ng	0.00
23) Nitrobenzene-d5	8.911	82	1817966	89.328	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1129612	158.807	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	4206691	91.494	ng	0.00
79) Terphenyl-d14	19.928	244	6716441	84.300	ng	-0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.646	139	48	3.797	ng	# 1
32) Benzoic acid	9.787	122	85	6.855	ng	# 29
54) 2,4-Dinitrophenol	14.487	184	18	4.979	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.528	198	15	7.655	ng	# 1
71) Phenanthrene	17.239	178	1512397	21.093	ng	99
72) Anthracene	17.328	178	199763	2.839	ng	100
73) Carbazole	17.604	167	136740	2.009	ng	99
75) Fluoranthene	19.328	202	3176711	37.450	ng	100
77) Benzidine	19.522	184	192	5.974	ng	# 1
78) Pyrene	19.704	202	2748890	27.554	ng	100
80) Butylbenzylphthalate	20.669	149	3741	2.519	ng	# 74
81) Benzo(a)anthracene	21.633	228	1311908	15.022	ng	98
83) Chrysene	21.698	228	1454681	17.677	ng	97
87) Indeno(1,2,3-cd)pyrene	28.804	276	866727	9.211	ng	# 88
88) Benzo(b)fluoranthene	23.945	252	1864246	19.339	ng	99
89) Benzo(k)fluoranthene	24.010	252	580017	6.169	ng	99
90) Benzo(a)pyrene	24.839	252	1241234	15.548	ng	99
91) Dibenzo(a,h)anthracene	28.898	278	209795	2.673	ng	98
92) Benzo(g,h,i)perylene	29.962	276	798929	10.184	ng	96

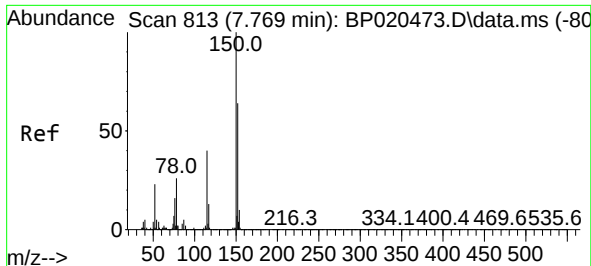
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
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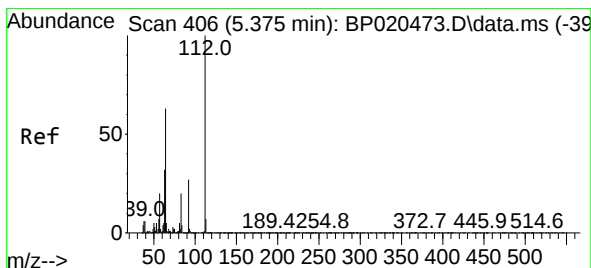
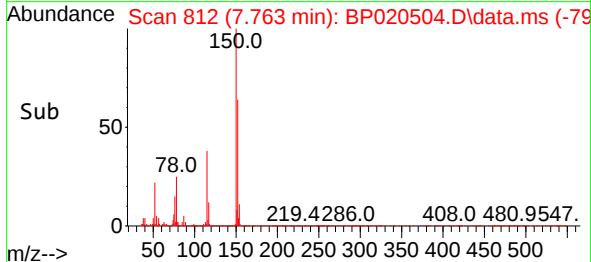
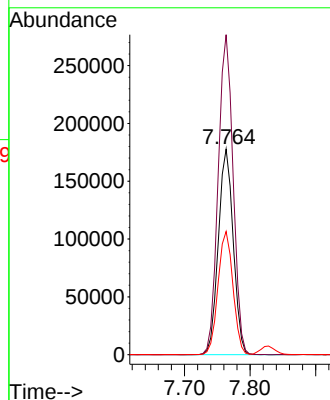
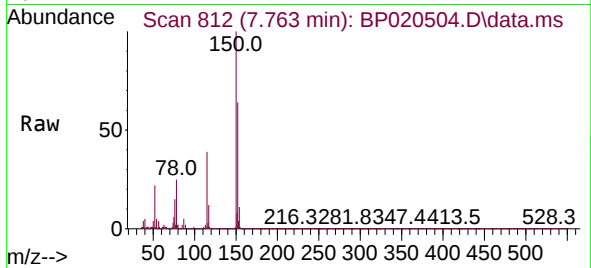




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

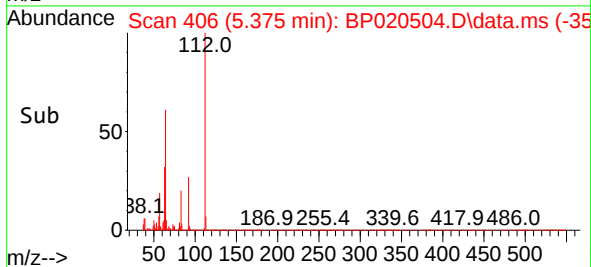
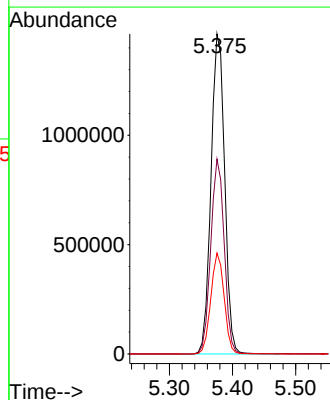
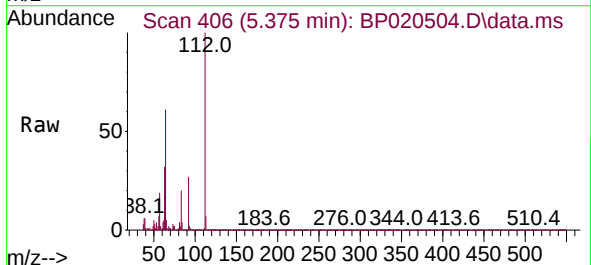
Instrument :
BNA_P
ClientSampleId :
VNJ-223

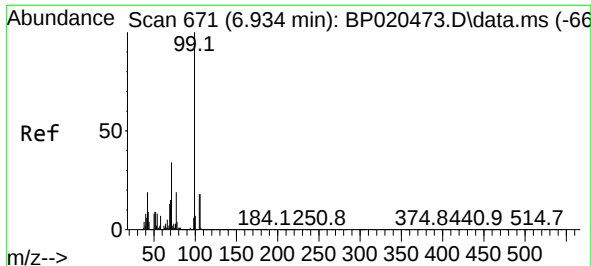
Tgt Ion:152 Resp: 279472
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 140.770 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:112 Resp: 2197289
Ion Ratio Lower Upper
112 100
64 60.9 50.1 75.1
63 31.5 25.7 38.5



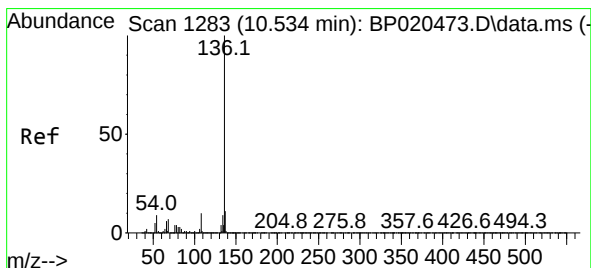
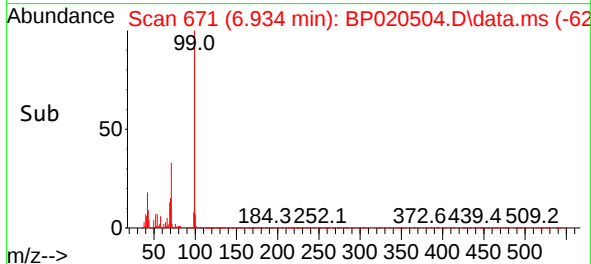
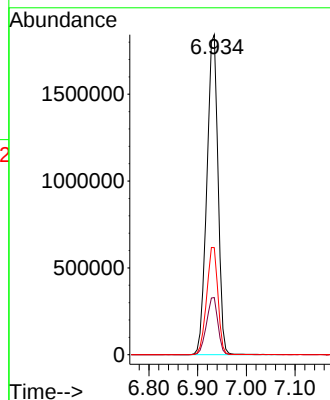
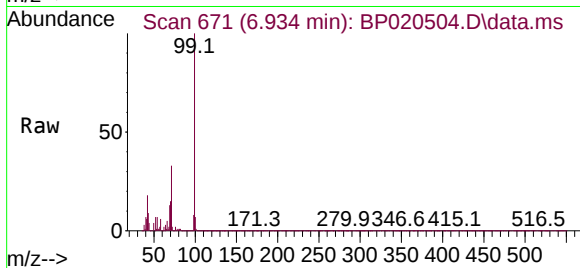


#7
Phenol-d6
Concen: 132.981 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Tgt Ion: 99 Resp: 2927254

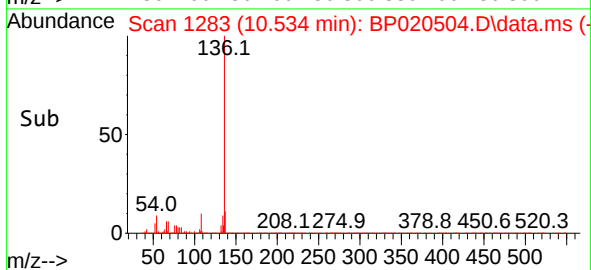
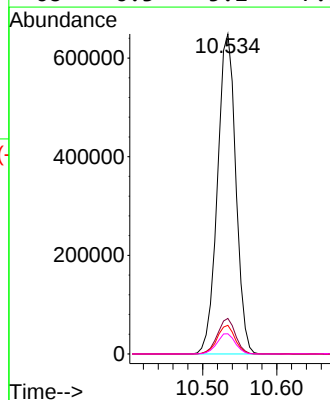
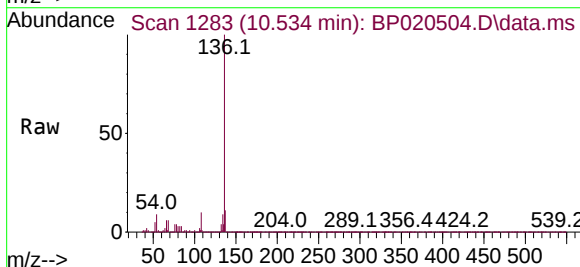
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	33.5	27.3	40.9

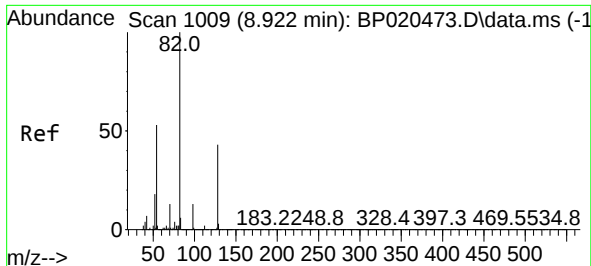


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion: 136 Resp: 1114048

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.4	11.0
68	6.3	5.2	7.8

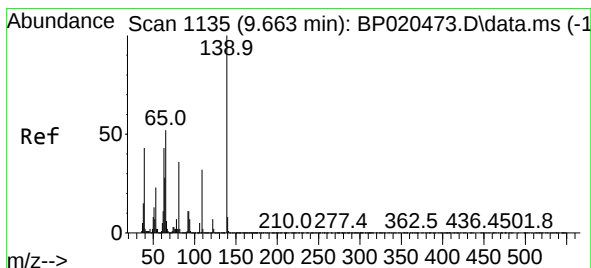
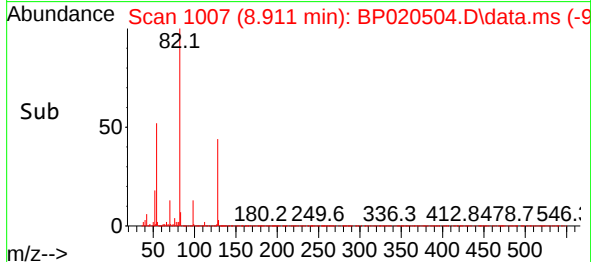
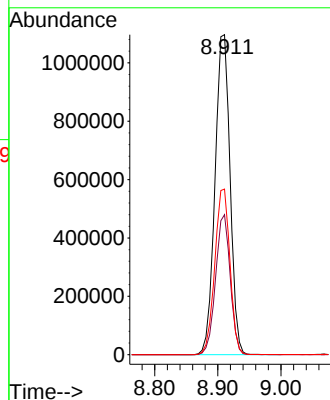
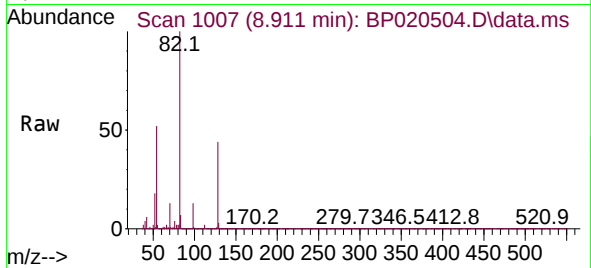




#23
Nitrobenzene-d5
Concen: 89.328 ng
RT: 8.911 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

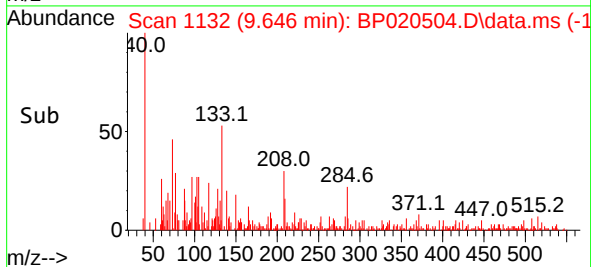
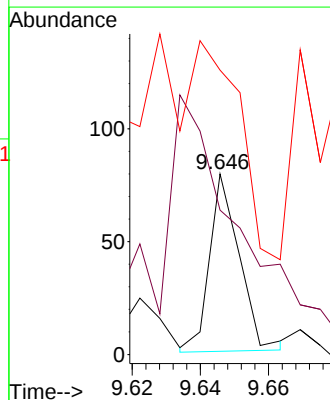
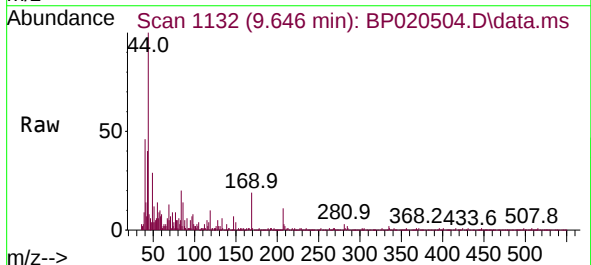
Instrument :
BNA_P
ClientSampleId :
VNJ-223

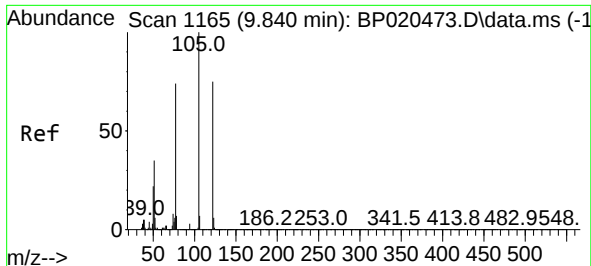
Tgt Ion: 82 Resp: 1817966
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 51.7 42.7 64.1



#26
2-Nitrophenol
Concen: 3.797 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion: 139 Resp: 48
Ion Ratio Lower Upper
139 100
109 80.0 25.8 38.8#
65 157.5 41.8 62.8#

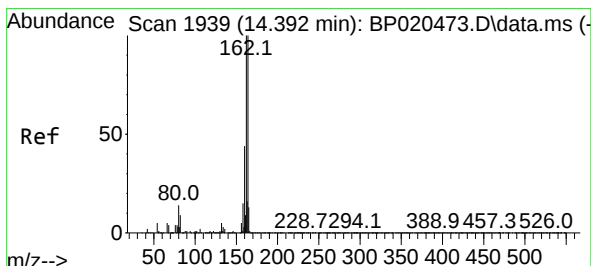
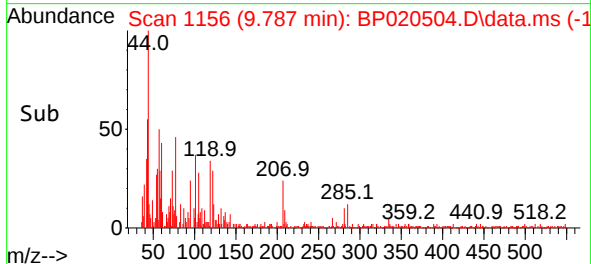
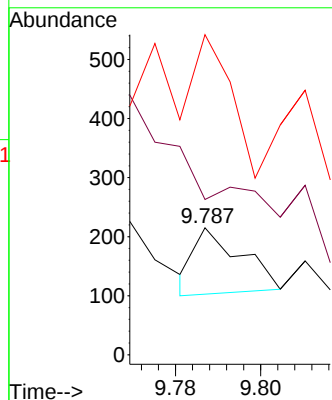
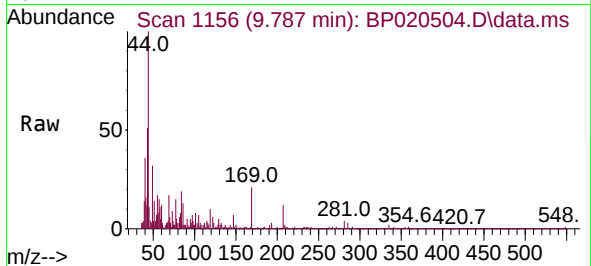




#32
Benzoic acid
Concen: 6.855 ng
RT: 9.787 min Scan# 1165
Delta R.T. -0.053 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

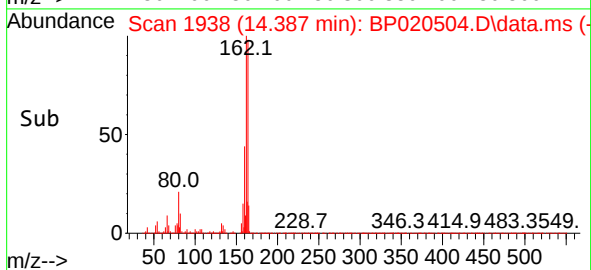
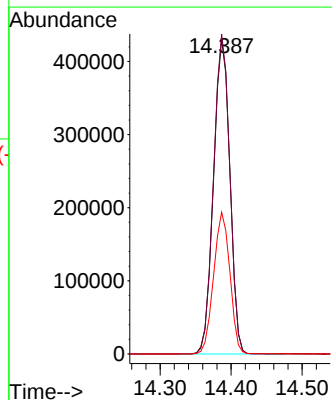
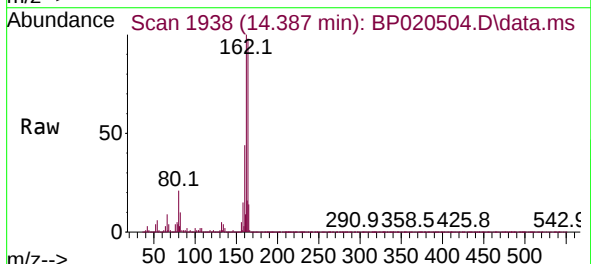
Instrument :
BNA_P
ClientSampleId :
VNJ-223

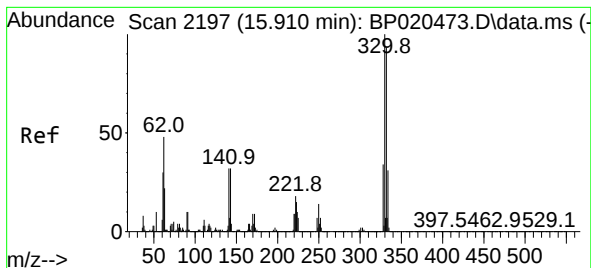
Tgt Ion:122 Resp: 85
Ion Ratio Lower Upper
122 100
105 122.3 107.5 147.5
77 252.1 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:164 Resp: 685400
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 45.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 158.807 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223

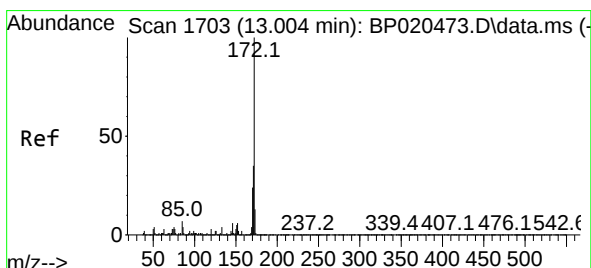
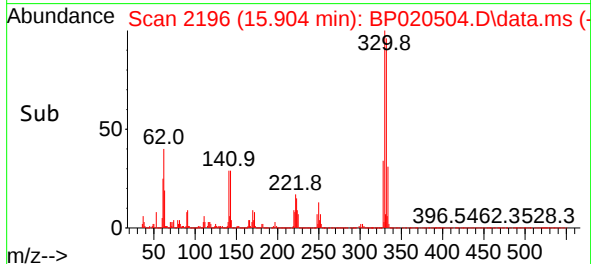
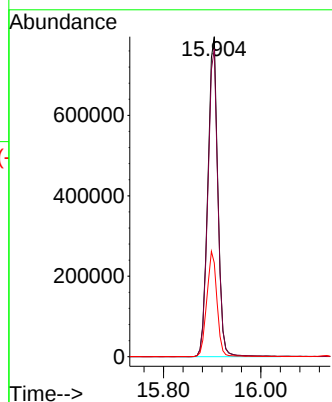
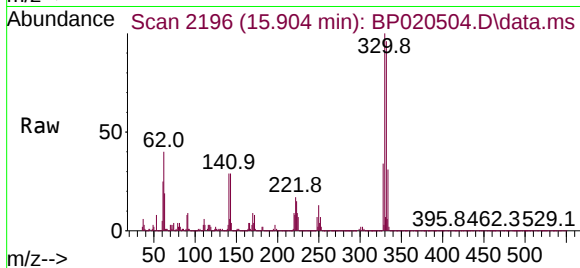
Tgt Ion:330 Resp: 1129612

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

141 33.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 91.494 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

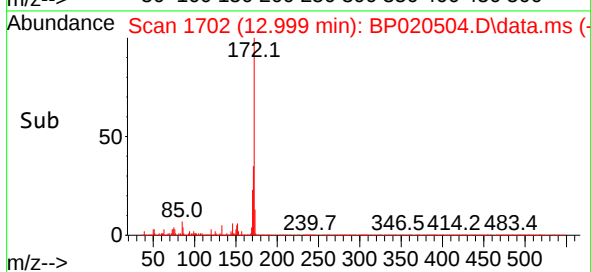
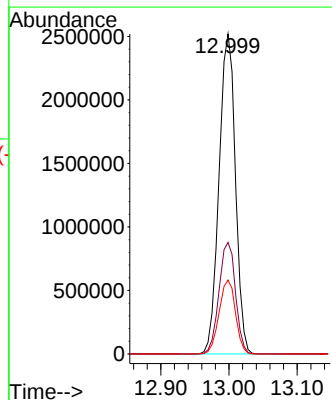
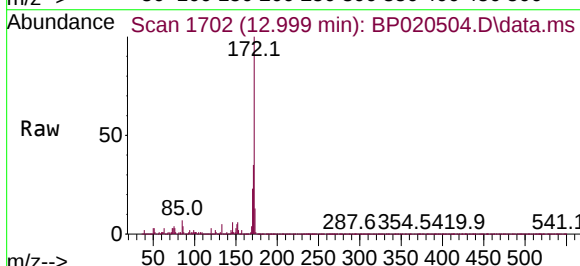
Tgt Ion:172 Resp: 4206691

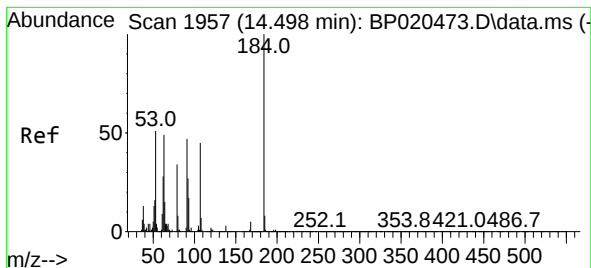
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.9 28.3

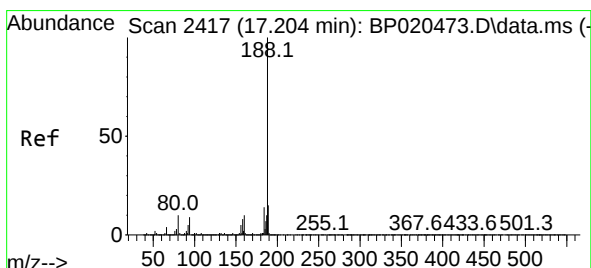
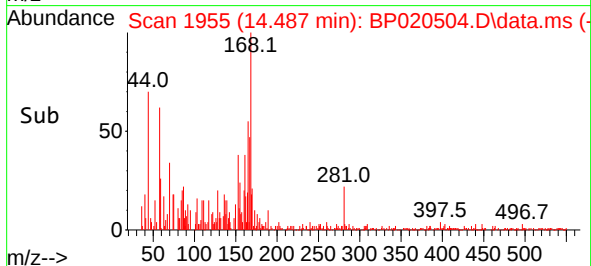
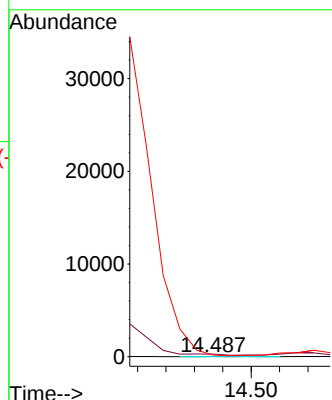
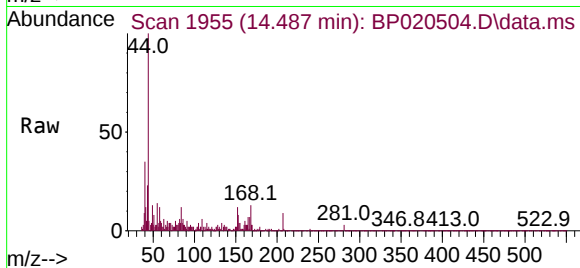




#54
2,4-Dinitrophenol
Concen: 4.979 ng
RT: 14.487 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

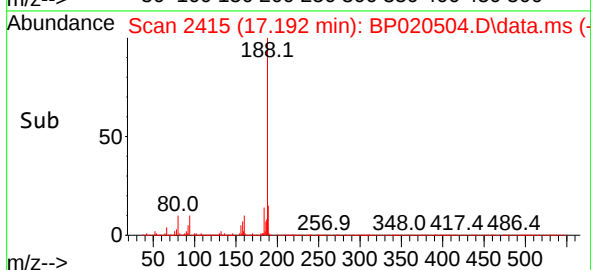
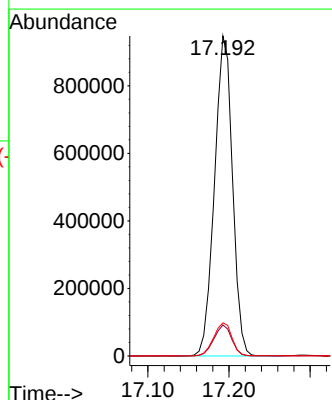
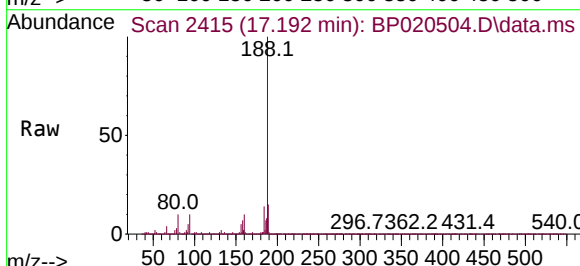
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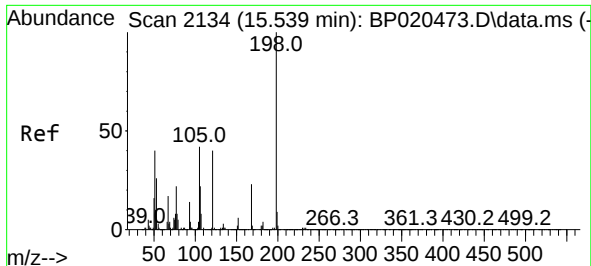
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 1463.2 54.2 81.4#
154 952.6 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:188 Resp: 1458619
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.4 8.1 12.1

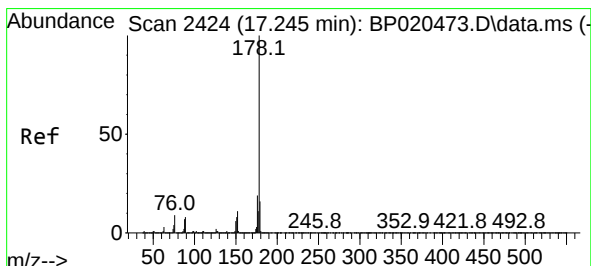
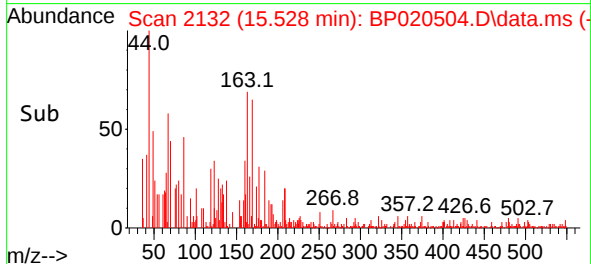
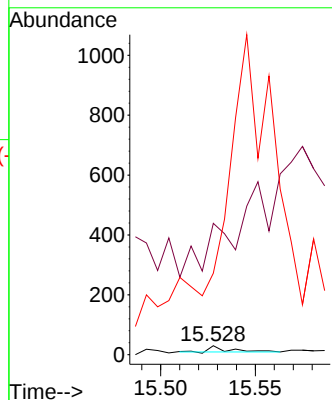
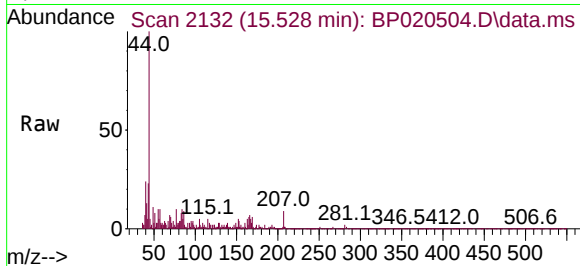




#65
4,6-Dinitro-2-methylphenol
Concen: 7.655 ng
RT: 15.528 min Scan# 2134
Delta R.T. -0.011 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

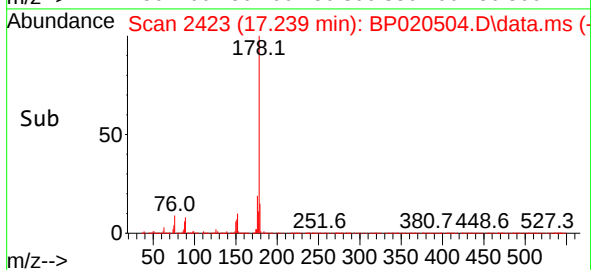
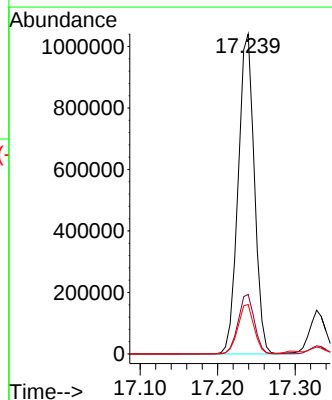
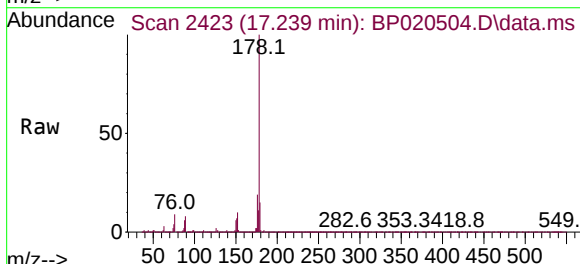
Instrument :
BNA_P
ClientSampleId :
VNJ-223

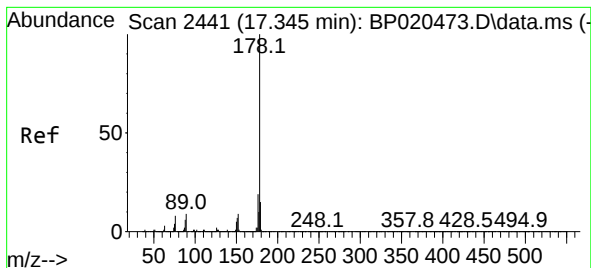
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 1463.3 24.8 64.8#
105 906.7 23.2 63.2#



#71
Phenanthrene
Concen: 21.093 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:178 Resp: 1512397
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.4 12.5 18.7





#72

Anthracene

Concen: 2.839 ng

RT: 17.328 min Scan# 2441

Delta R.T. -0.018 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223

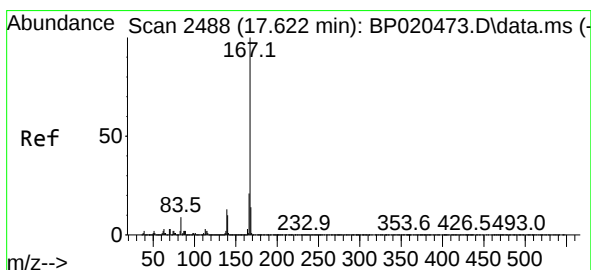
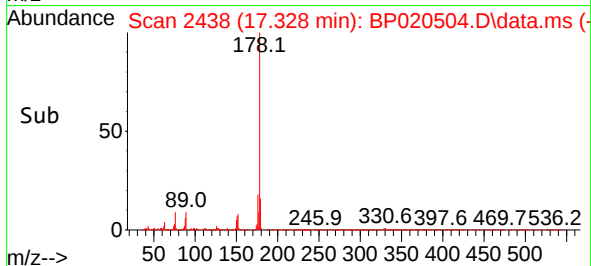
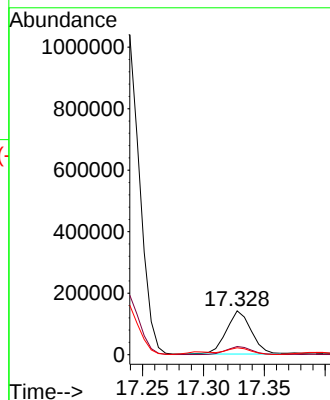
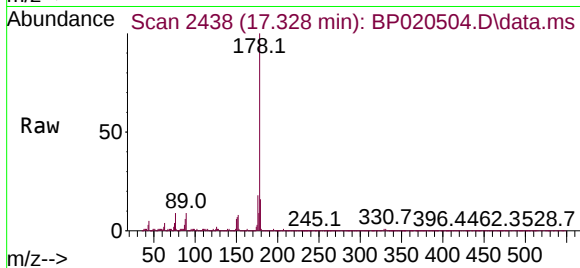
Tgt Ion:178 Resp: 199763

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.6 12.2 18.4



#73

Carbazole

Concen: 2.009 ng

RT: 17.604 min Scan# 2485

Delta R.T. -0.018 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

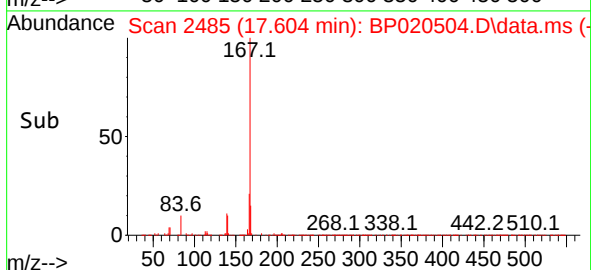
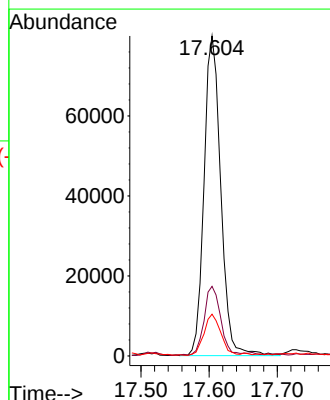
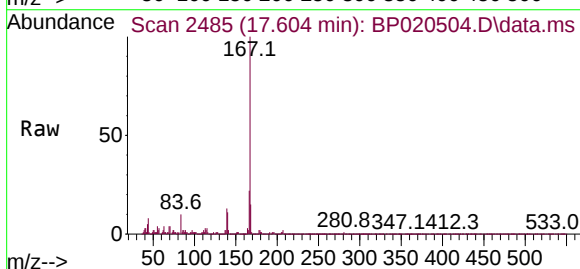
Tgt Ion:167 Resp: 136740

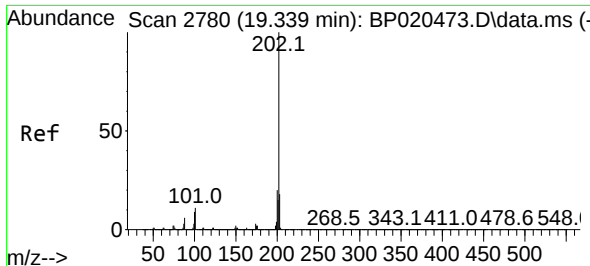
Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.1 10.5 15.7

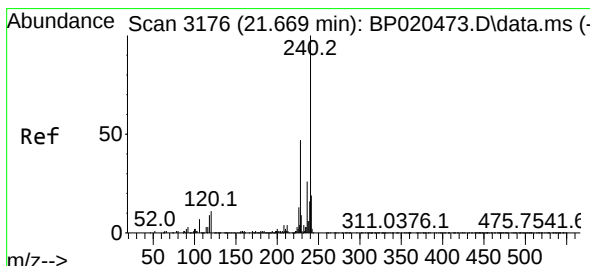
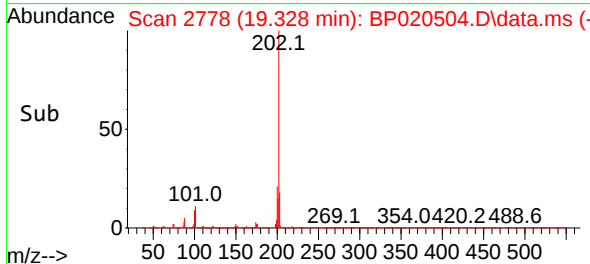
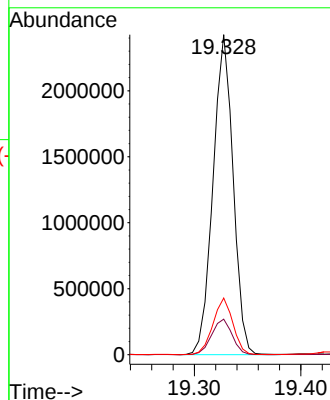
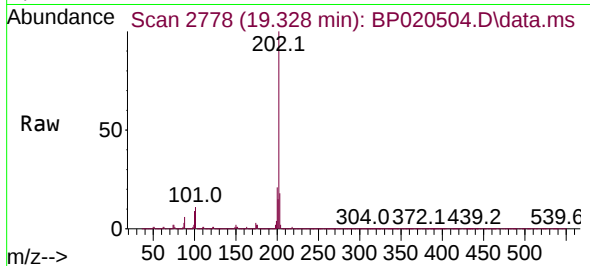




#75
Fluoranthene
Concen: 37.450 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

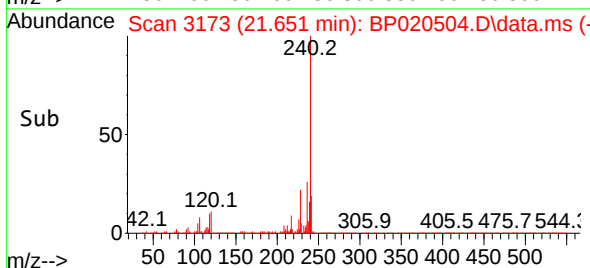
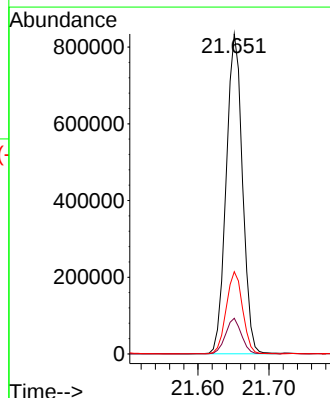
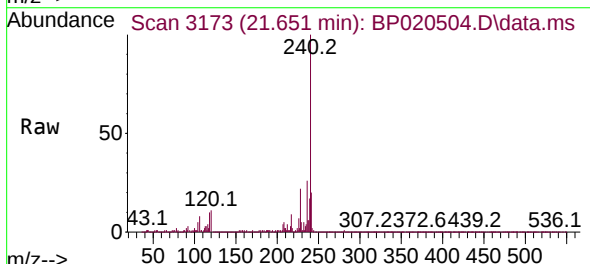
Instrument :
BNA_P
ClientSampleId :
VNJ-223

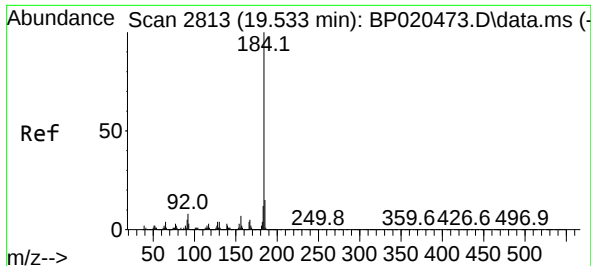
Tgt Ion:202 Resp: 3176711
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:240 Resp: 1326337
Ion Ratio Lower Upper
240 100
120 11.2 8.5 12.7
236 25.7 20.5 30.7

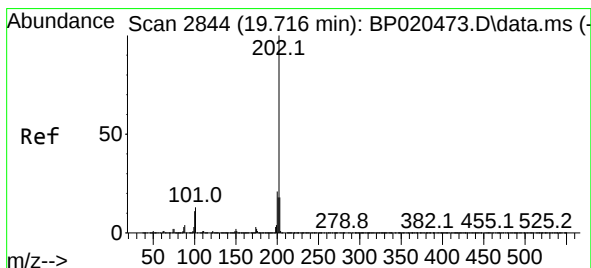
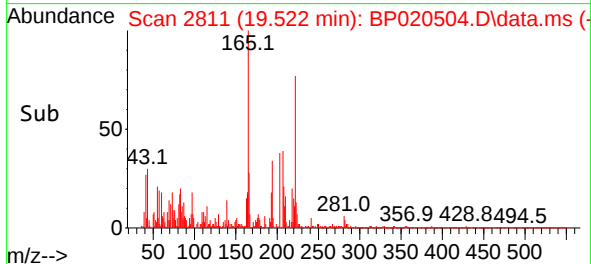
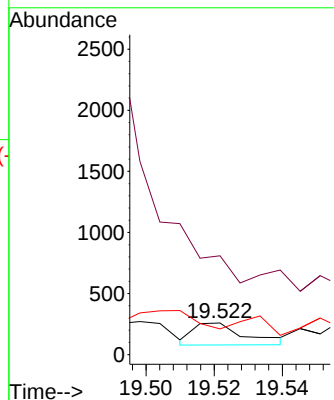
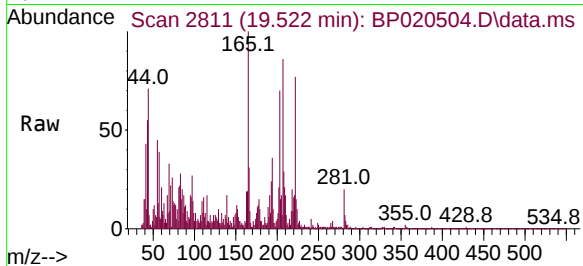




#77
Benzidine
Concen: 5.974 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

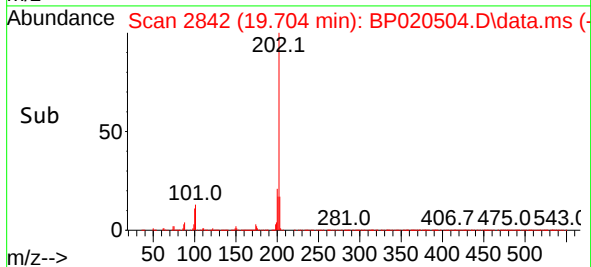
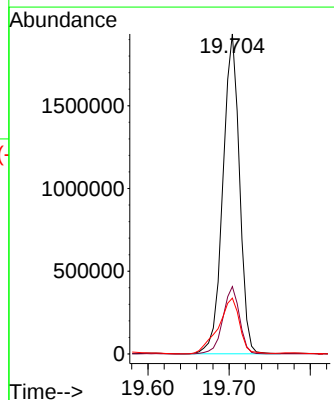
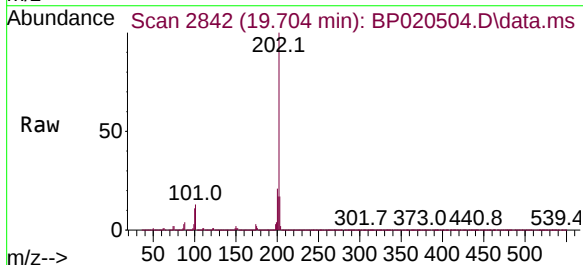
Instrument :
BNA_P
ClientSampleId :
VNJ-223

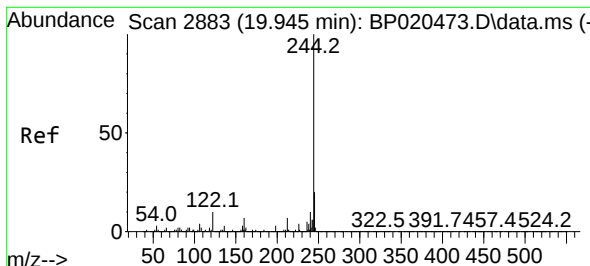
Tgt Ion:184 Resp: 192
Ion Ratio Lower Upper
184 100
185 312.4 12.0 18.0#
183 81.5 9.4 14.0#



#78
Pyrene
Concen: 27.554 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:202 Resp: 2748890
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 84.300 ng

RT: 19.928 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223

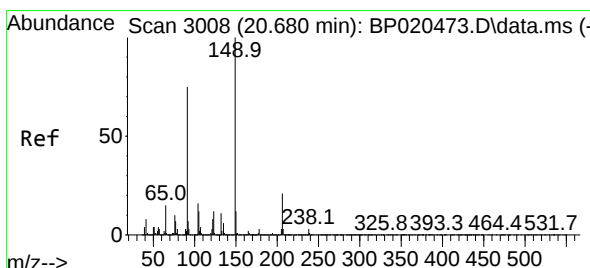
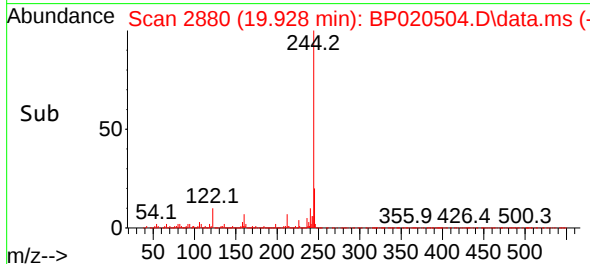
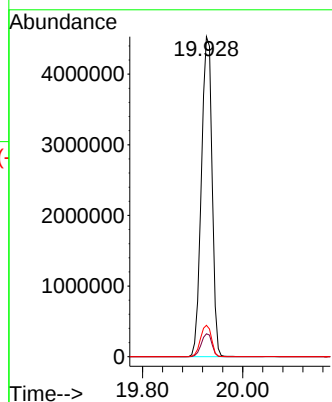
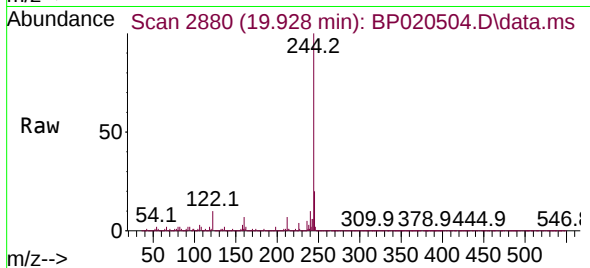
Tgt Ion:244 Resp: 6716441

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 2.519 ng

RT: 20.669 min Scan# 3006

Delta R.T. -0.011 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

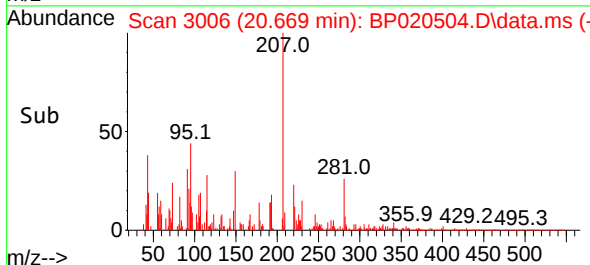
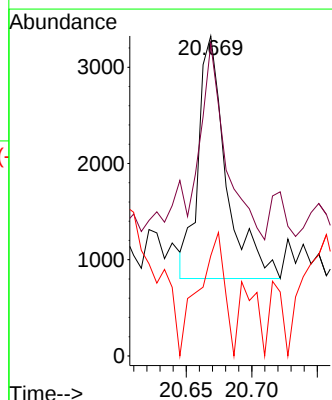
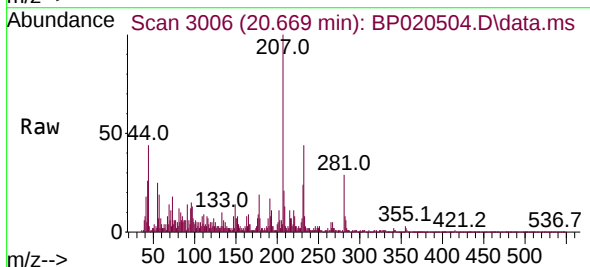
Tgt Ion:149 Resp: 3741

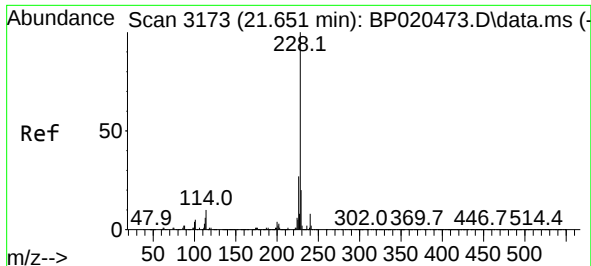
Ion Ratio Lower Upper

149 100

91 97.6 60.0 90.0#

206 31.3 16.6 25.0#

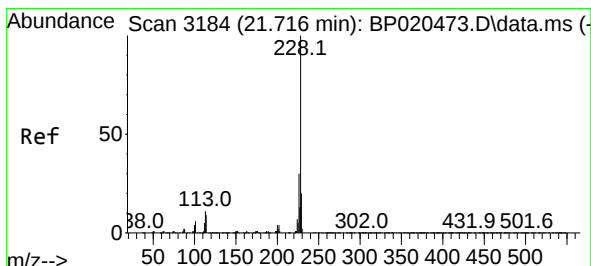
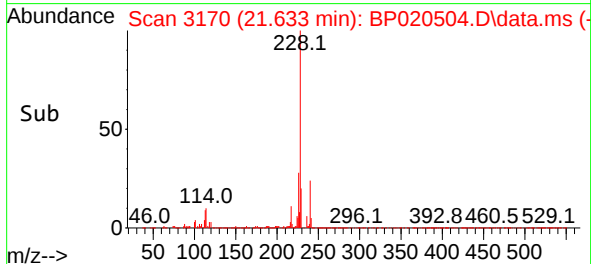
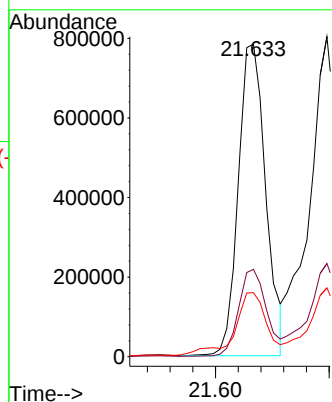
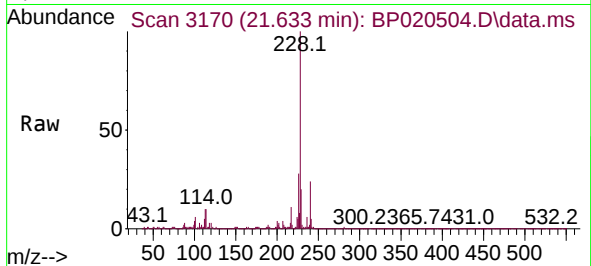




#81
Benzo(a)anthracene
Concen: 15.022 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.018 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

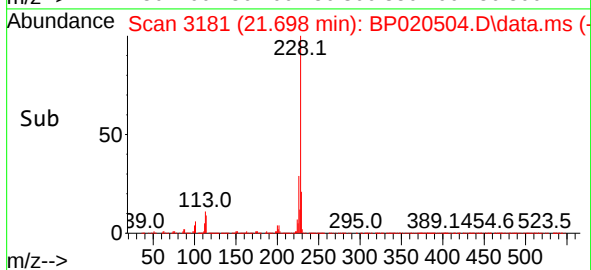
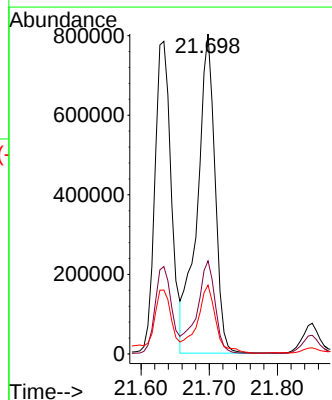
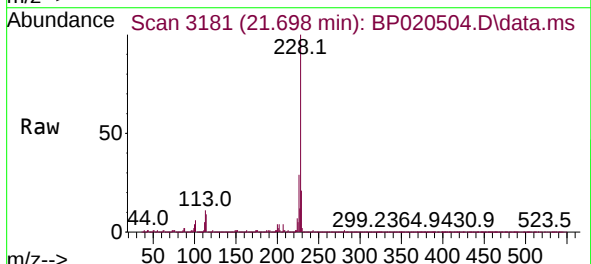
Instrument :
BNA_P
ClientSampleId :
VNJ-223

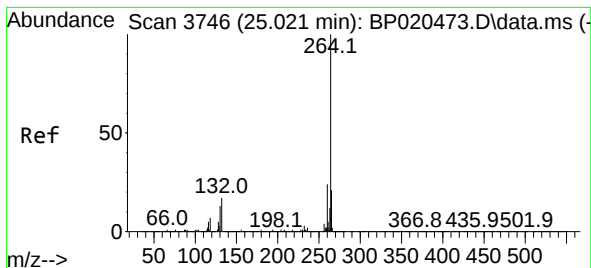
Tgt Ion:228 Resp: 1311908
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.5 15.8 23.6



#83
Chrysene
Concen: 17.677 ng
RT: 21.698 min Scan# 3181
Delta R.T. -0.018 min
Lab File: BP020504.D
Acq: 04 Jun 2024 20:26

Tgt Ion:228 Resp: 1454681
Ion Ratio Lower Upper
228 100
226 29.1 24.0 36.0
229 21.5 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: BP020504.D

Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223

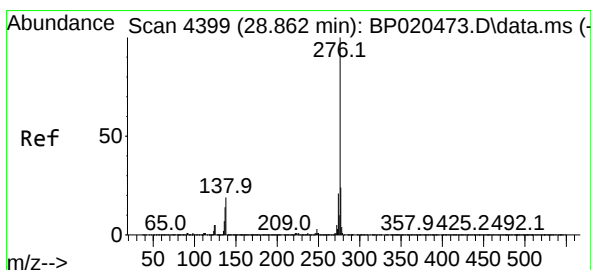
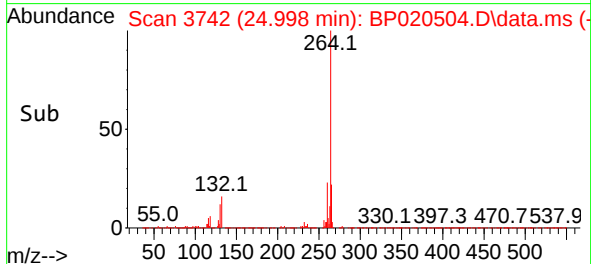
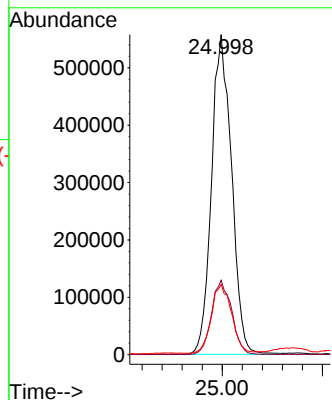
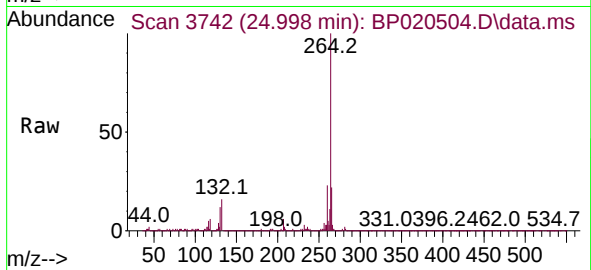
Tgt Ion:264 Resp: 1547338

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.0 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 9.211 ng

RT: 28.804 min Scan# 4389

Delta R.T. -0.059 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

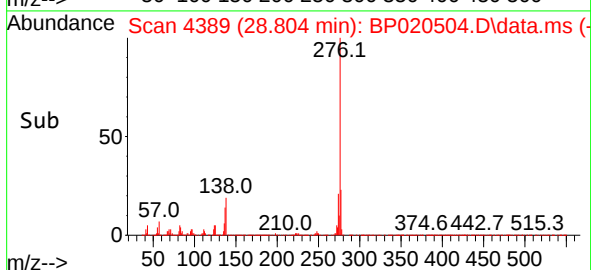
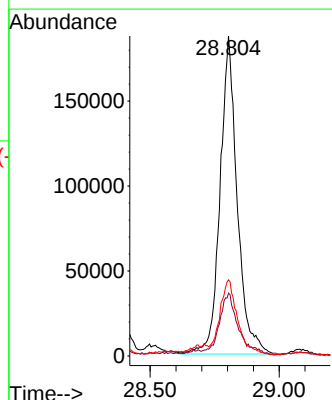
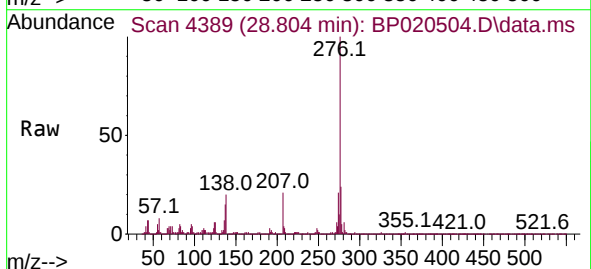
Tgt Ion:276 Resp: 866727

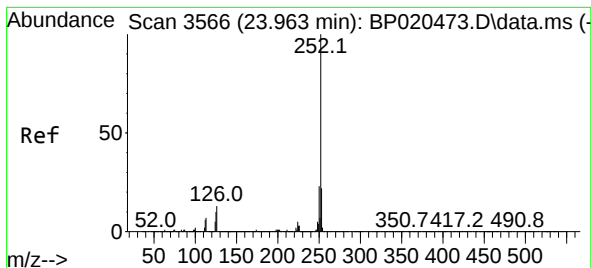
Ion Ratio Lower Upper

276 100

138 21.4 12.8 19.2#

277 24.5 15.6 23.4#





#88

Benzo(b)fluoranthene

Concen: 19.339 ng

RT: 23.945 min Scan# 3563

Delta R.T. -0.018 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223

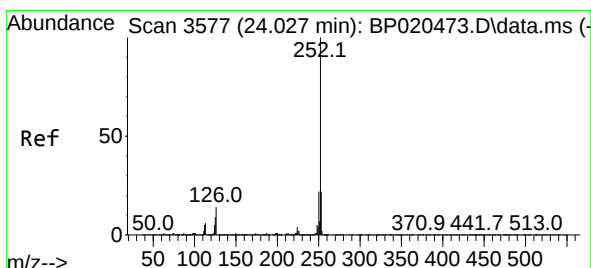
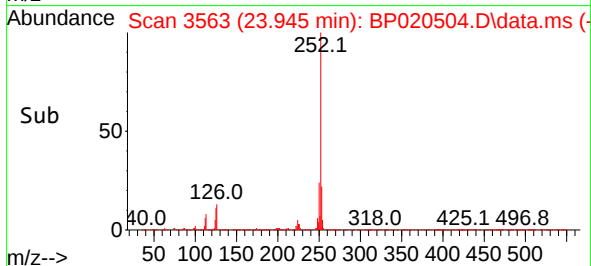
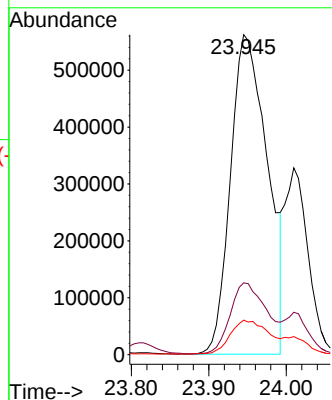
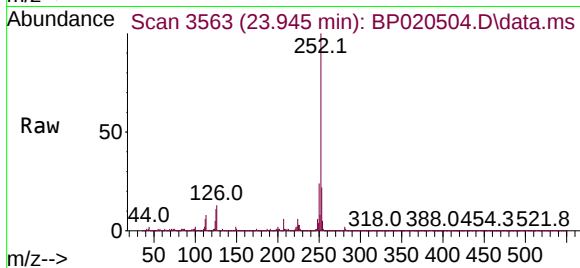
Tgt Ion:252 Resp: 1864246

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.8 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 6.169 ng

RT: 24.010 min Scan# 3574

Delta R.T. -0.018 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

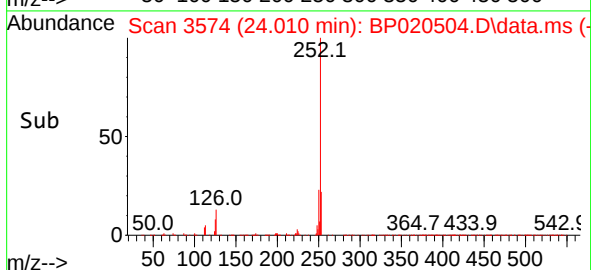
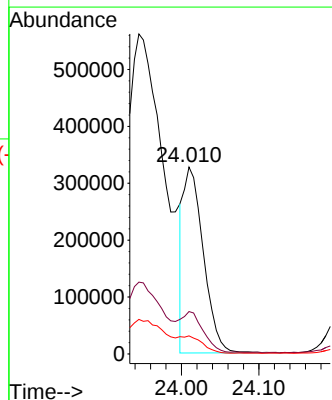
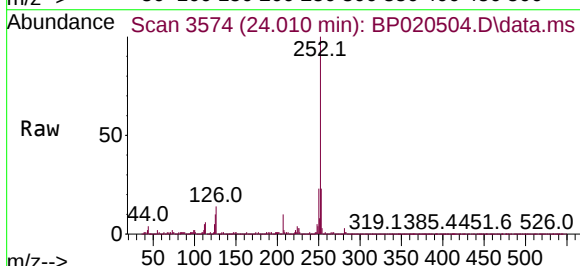
Tgt Ion:252 Resp: 580017

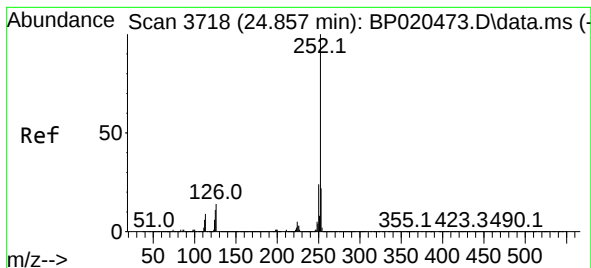
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 9.7 7.8 11.6





#90

Benzo(a)pyrene

Concen: 15.548 ng

RT: 24.839 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223

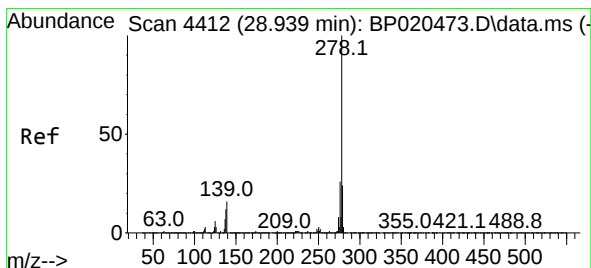
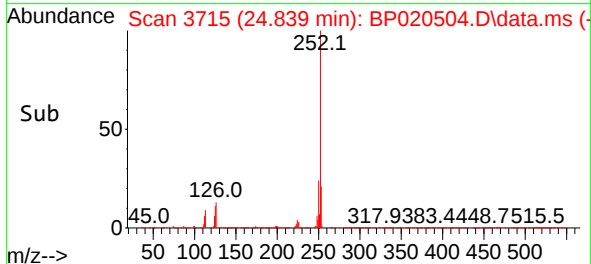
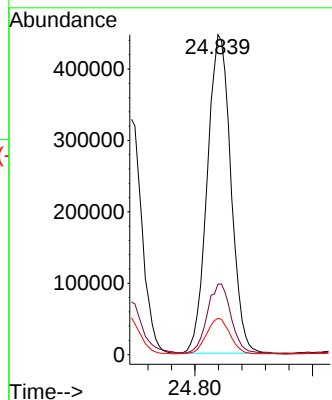
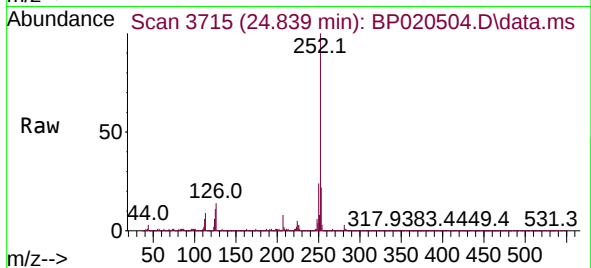
Tgt Ion:252 Resp: 1241234

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.3 8.9 13.3



#91

Dibenzo(a,h)anthracene

Concen: 2.673 ng

RT: 28.898 min Scan# 4405

Delta R.T. -0.041 min

Lab File: BP020504.D

Acq: 04 Jun 2024 20:26

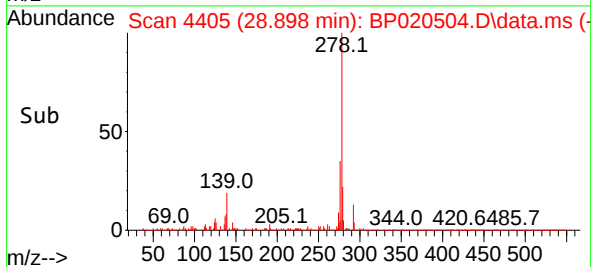
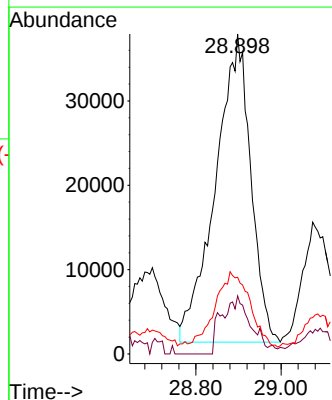
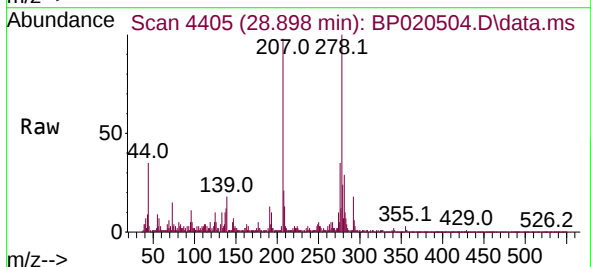
Tgt Ion:278 Resp: 209795

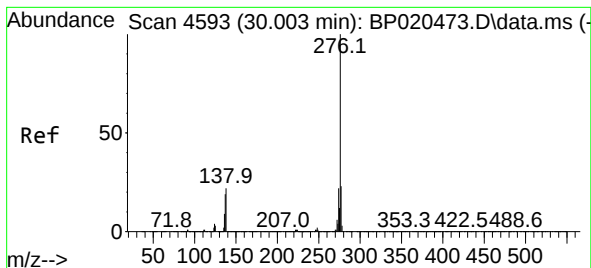
Ion Ratio Lower Upper

278 100

139 18.1 13.0 19.4

279 23.9 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 10.184 ng

RT: 29.962 min Scan# 4586

Delta R.T. -0.041 min

Lab File: BP020504.D

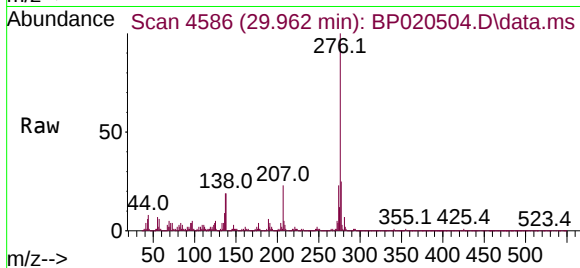
Acq: 04 Jun 2024 20:26

Instrument :

BNA_P

ClientSampleId :

VNJ-223



Tgt Ion:276 Resp: 798929

Ion Ratio Lower Upper

276 100

277 25.0 18.7 28.1

138 19.5 17.7 26.5

