

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020594.D
 Acq On : 11 Jun 2024 19:21
 Operator : MA/JU
 Sample : P2786-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-060724

Quant Time: Jun 12 01:27:57 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)

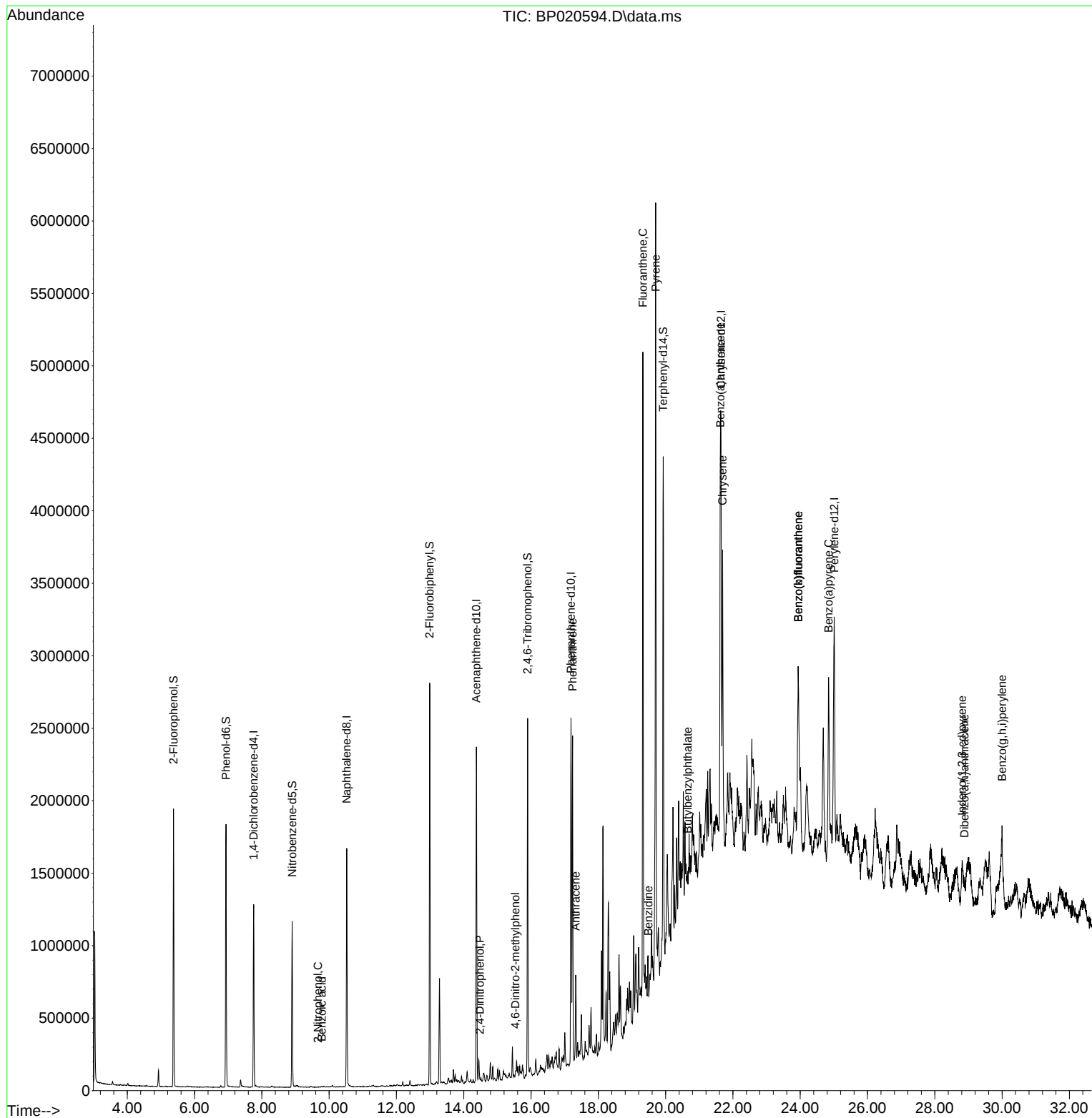
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	335169	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	1336639	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	864327	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	1713764	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	1528770	20.000	ng	-0.02
86) Perylene-d12	25.010	264	1808286	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	804226	42.961	ng	0.00
7) Phenol-d6	6.934	99	1051896	39.845	ng	0.00
23) Nitrobenzene-d5	8.899	82	650305	26.632	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	456527	50.895	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	1444697	24.917	ng	-0.02
79) Terphenyl-d14	19.928	244	2051530	22.340	ng	-0.02
Target Compounds						Qvalue
26) 2-Nitrophenol	9.669	139	111	3.802	ng	# 23
32) Benzoic acid	9.781	122	2797	7.024	ng	# 83
54) 2,4-Dinitrophenol	14.475	184	62	4.987	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	119	7.667	ng	# 1
71) Phenanthrene	17.234	178	1422605	16.887	ng	99
72) Anthracene	17.328	178	457398	5.533	ng	99
75) Fluoranthene	19.322	202	2616077	26.249	ng	99
77) Benzidine	19.486	184	3127	6.021	ng	# 1
78) Pyrene	19.704	202	3185644	27.703	ng	99
80) Butylbenzylphthalate	20.657	149	9867	2.633	ng	# 70
81) Benzo(a)anthracene	21.622	228	1506021	14.961	ng	98
83) Chrysene	21.692	228	1426565	15.040	ng	98
87) Indeno(1,2,3-cd)pyrene	28.809	276	761101	6.922	ng	# 92
88) Benzo(b)fluoranthene	23.939	252	1582785	14.050	ng	95
89) Benzo(k)fluoranthene	23.939	252	1582785	14.406	ng	# 95
90) Benzo(a)pyrene	24.845	252	1322963	14.180	ng	98
91) Dibenzo(a,h)anthracene	28.880	278	225470	2.458	ng	# 87
92) Benzo(g,h,i)perylene	29.998	276	730378	7.967	ng	97

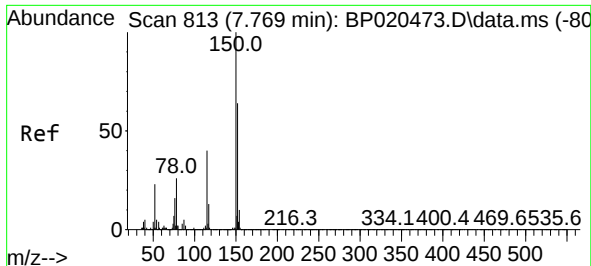
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
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Instrument :
BNA_P
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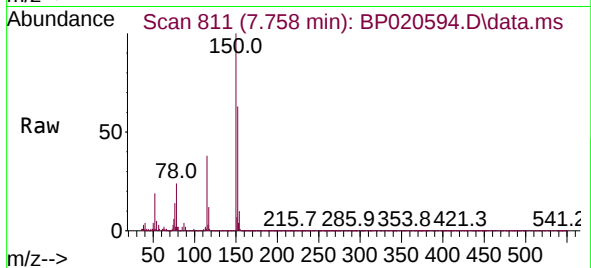
Quant Time: Jun 12 01:27:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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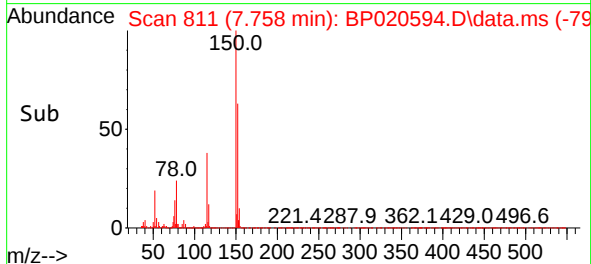
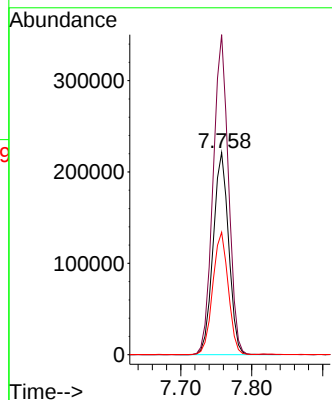


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 813
Delta R.T. -0.011 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

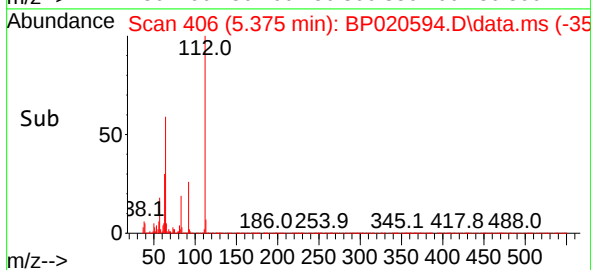
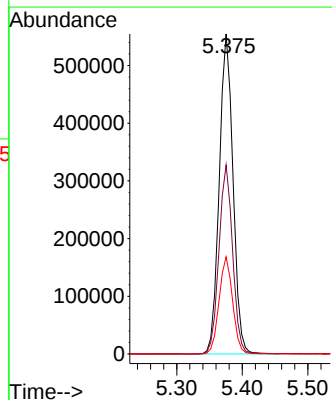
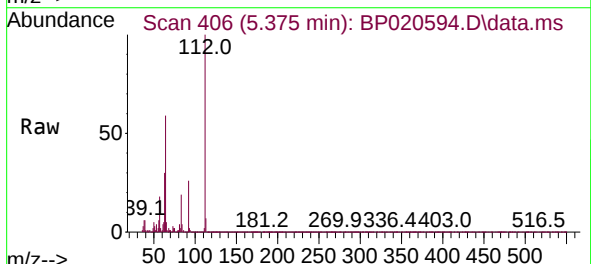


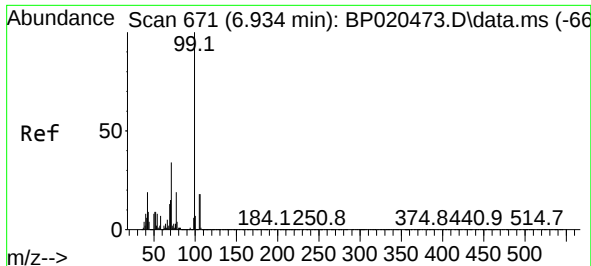
Tgt Ion:152 Resp: 335169
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.2
115 60.6 49.5 74.3



#5
2-Fluorophenol
Concen: 42.961 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:112 Resp: 804226
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 30.4 25.7 38.5

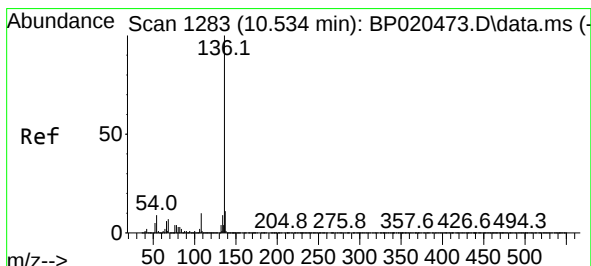
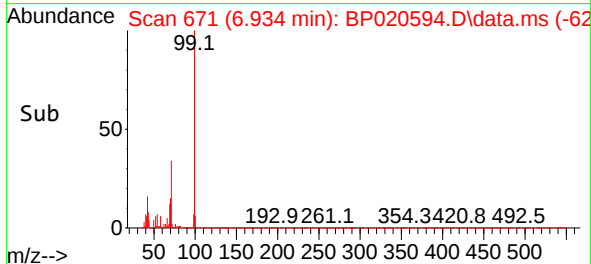
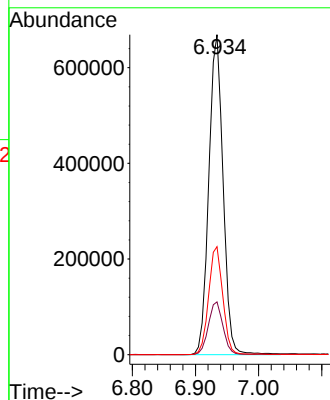
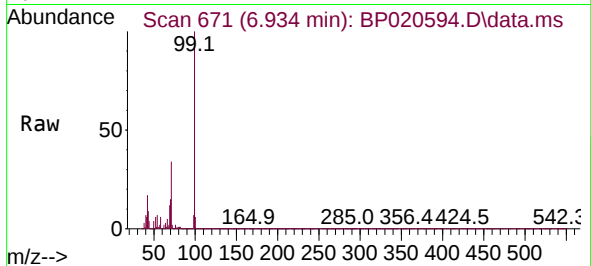




#7
Phenol-d6
Concen: 39.845 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

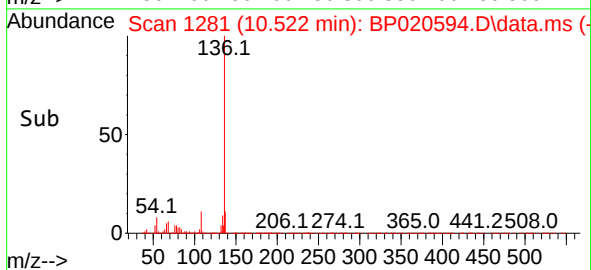
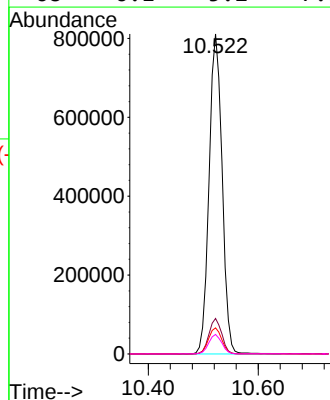
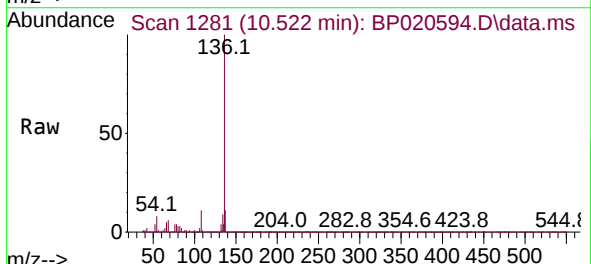
Instrument :
BNA_P
ClientSampleId :
HD-02-060724

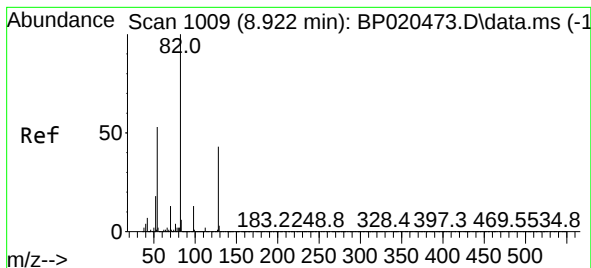
Tgt Ion: 99 Resp: 1051896
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.4
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion: 136 Resp: 1336639
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8

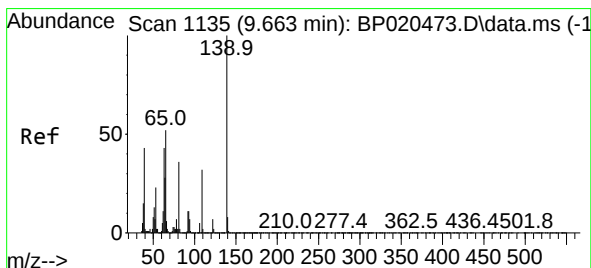
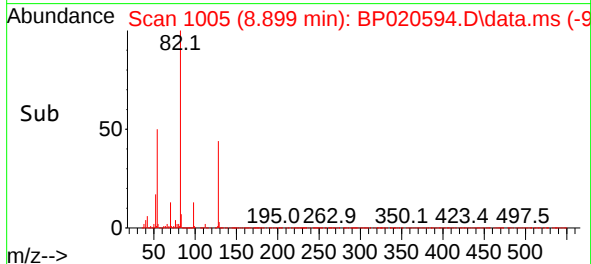
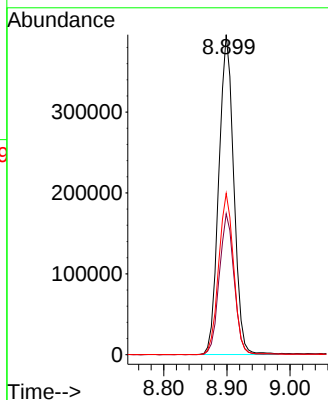
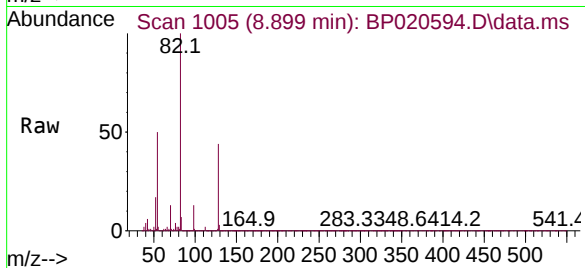




#23
Nitrobenzene-d5
Concen: 26.632 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

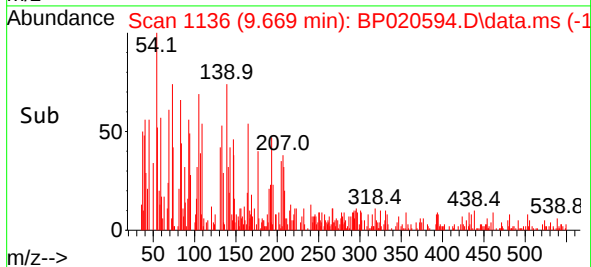
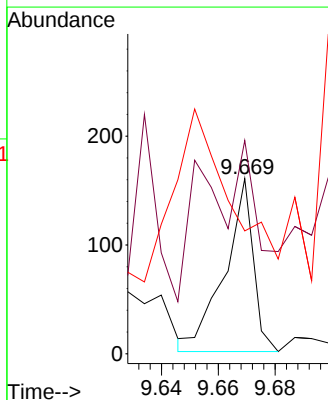
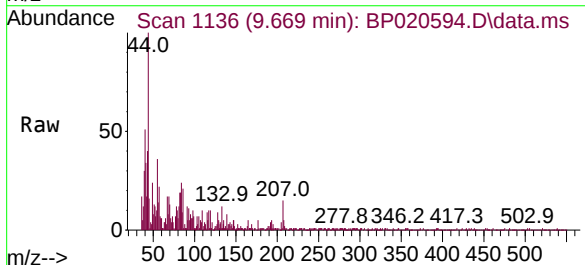
Instrument :
BNA_P
ClientSampleId :
HD-02-060724

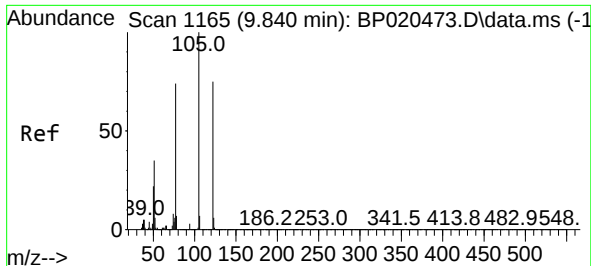
Tgt Ion: 82 Resp: 650305
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 50.4 42.7 64.1



#26
2-Nitrophenol
Concen: 3.802 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:139 Resp: 111
Ion Ratio Lower Upper
139 100
109 121.7 25.8 38.8#
65 70.2 41.8 62.8#

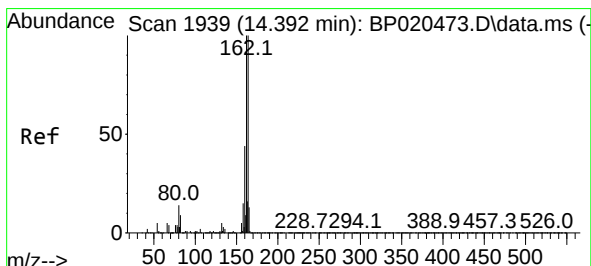
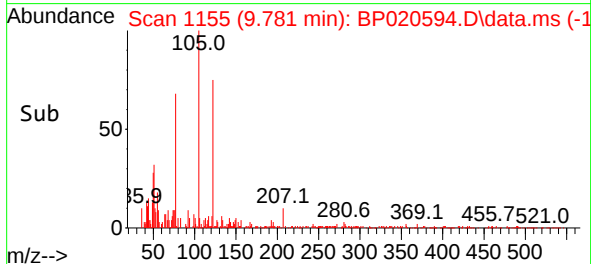
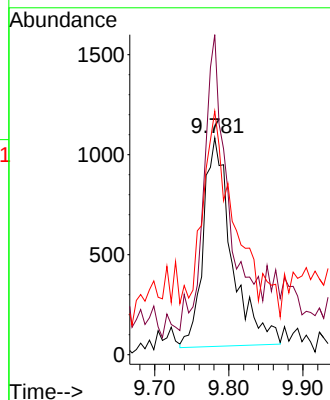
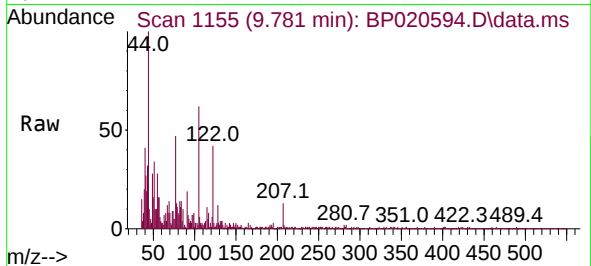




#32
Benzoic acid
Concen: 7.024 ng
RT: 9.781 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

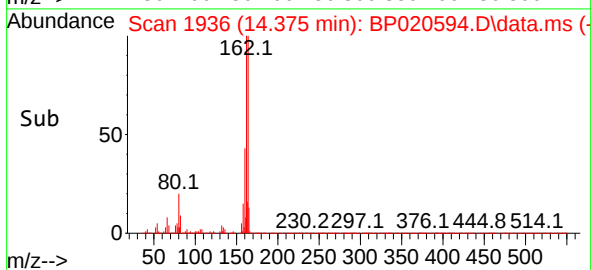
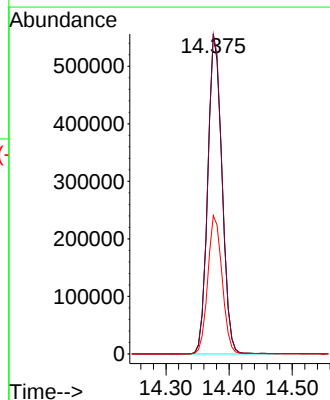
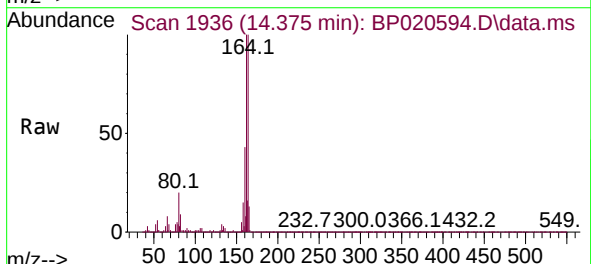
Instrument :
BNA_P
ClientSampleId :
HD-02-060724

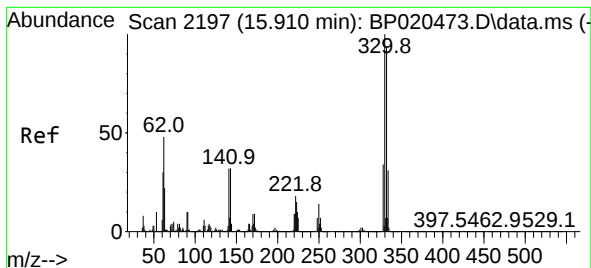
Tgt Ion:122 Resp: 2797
Ion Ratio Lower Upper
122 100
105 147.6 107.5 147.5#
77 112.4 76.1 116.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.017 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:164 Resp: 864327
Ion Ratio Lower Upper
164 100
162 99.9 80.3 120.5
160 43.2 35.4 53.2

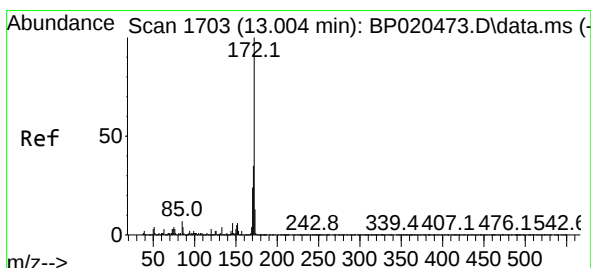
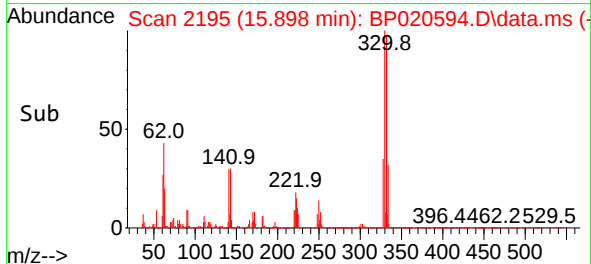
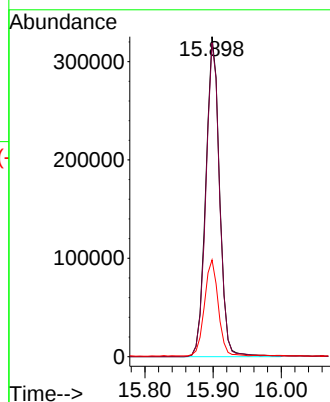
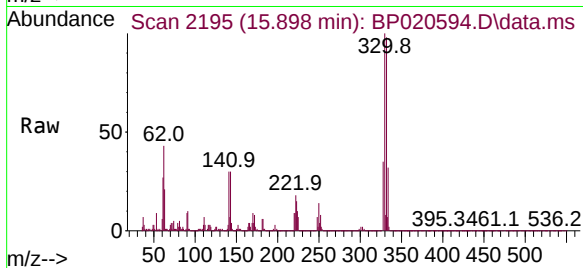




#42
2,4,6-Tribromophenol
Concen: 50.895 ng
RT: 15.898 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

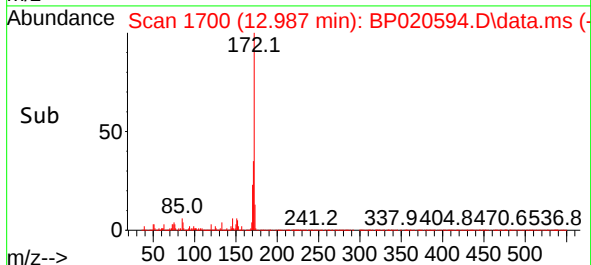
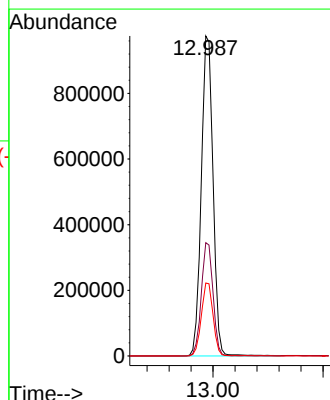
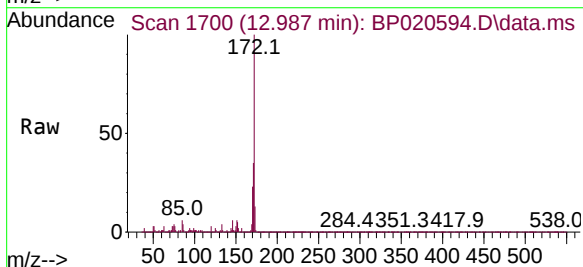
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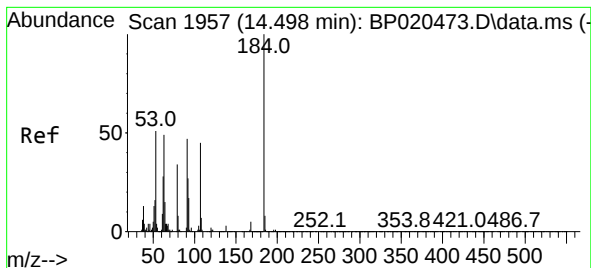
Tgt Ion:330 Resp: 456527
Ion Ratio Lower Upper
330 100
332 98.1 76.6 114.8
141 29.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 24.917 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:172 Resp: 1444697
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 22.8 18.9 28.3

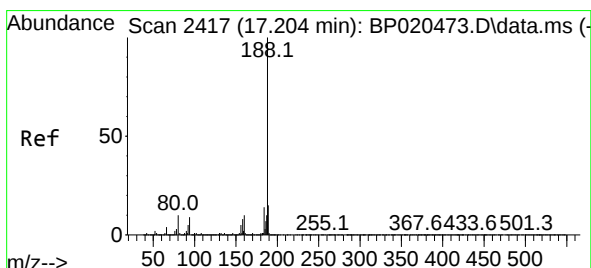
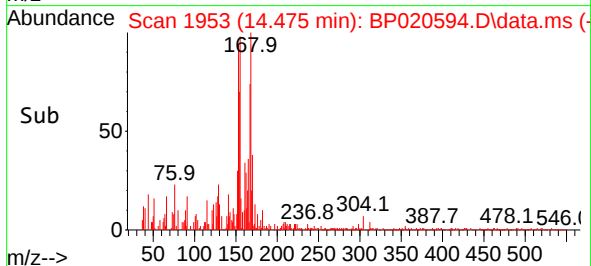
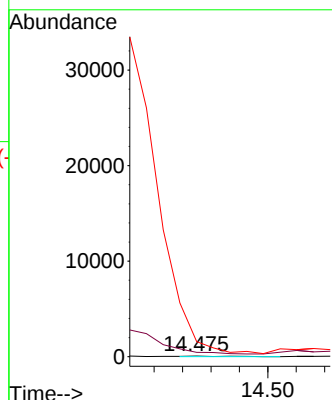
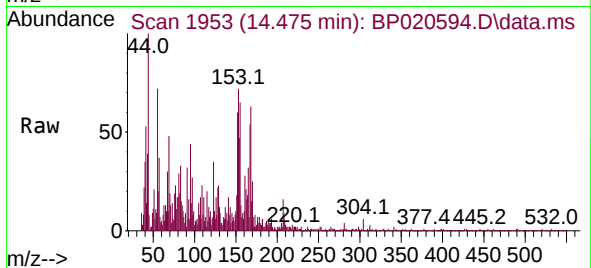




#54
2,4-Dinitrophenol
Concen: 4.987 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.023 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

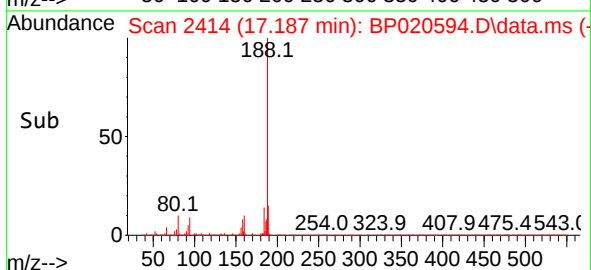
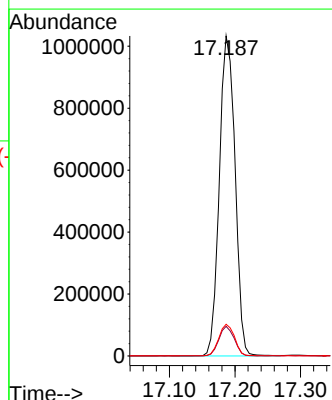
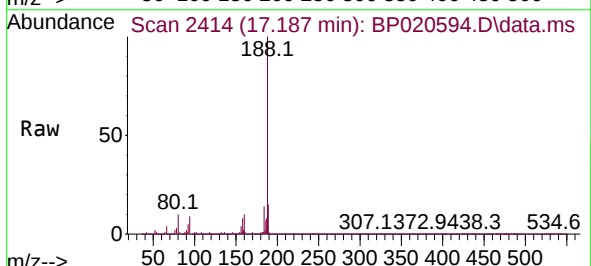
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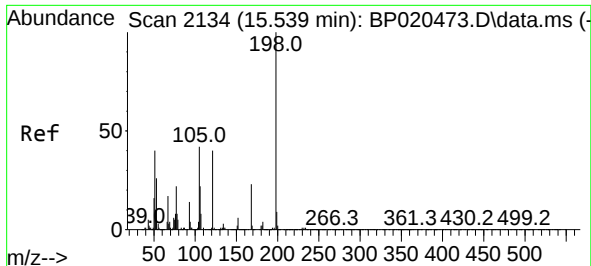
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 651.4 54.2 81.4#
154 2251.4 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:188 Resp: 1713764
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.9 8.1 12.1

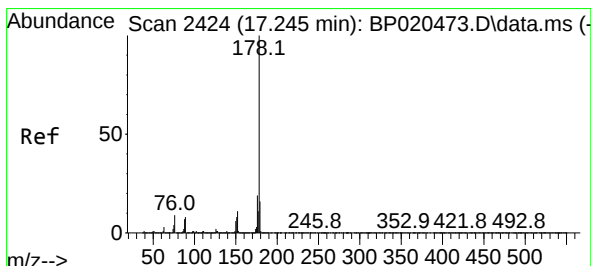
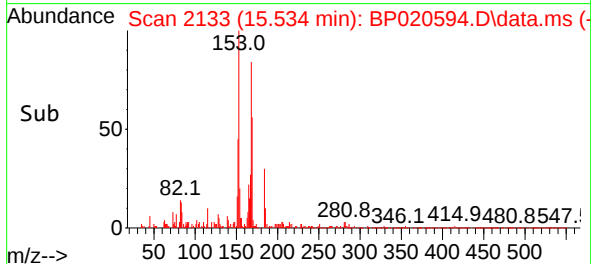
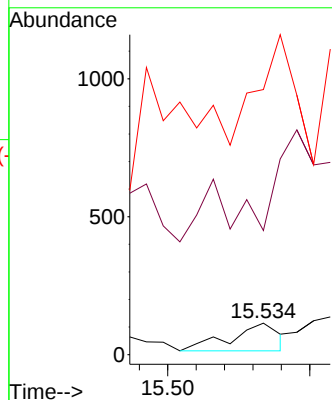
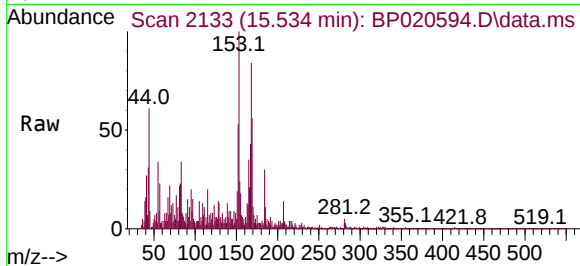




#65
4,6-Dinitro-2-methylphenol
Concen: 7.667 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

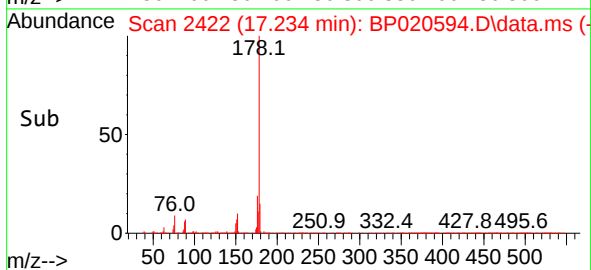
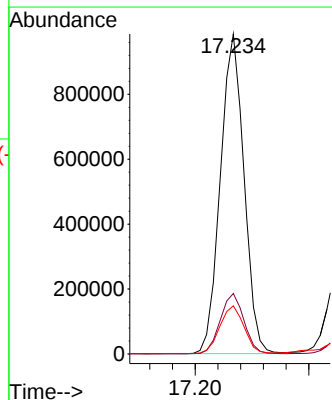
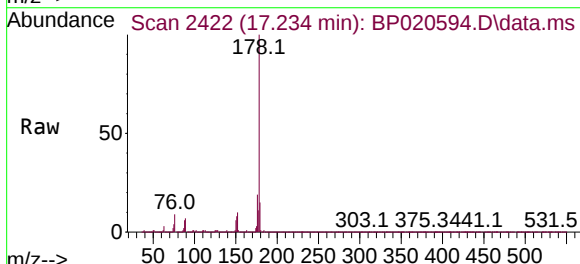
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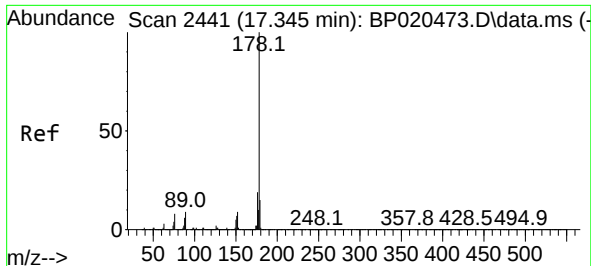
Tgt Ion:198 Resp: 119
Ion Ratio Lower Upper
198 100
51 394.7 24.8 64.8#
105 843.0 23.2 63.2#



#71
Phenanthrene
Concen: 16.887 ng
RT: 17.234 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:178 Resp: 1422605
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.0 12.5 18.7

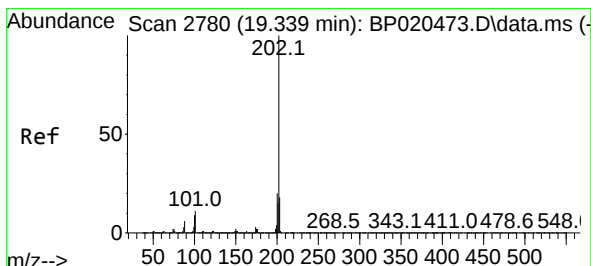
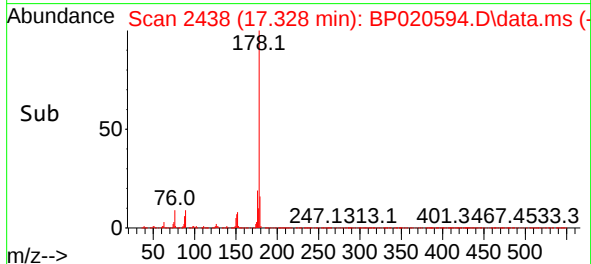
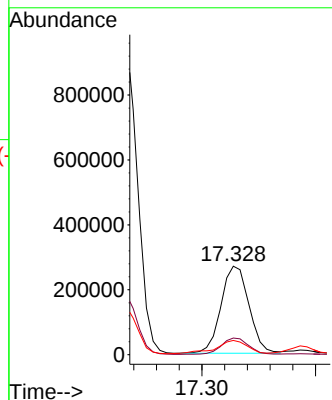
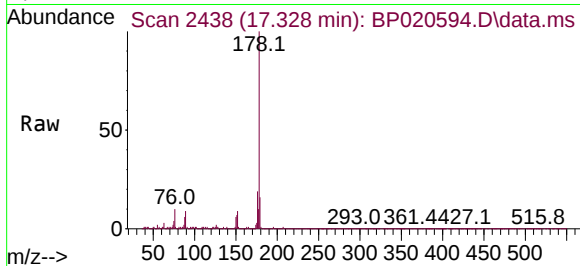




#72
 Anthracene
 Concen: 5.533 ng
 RT: 17.328 min Scan# 2441
 Delta R.T. -0.018 min
 Lab File: BP020594.D
 Acq: 11 Jun 2024 19:21

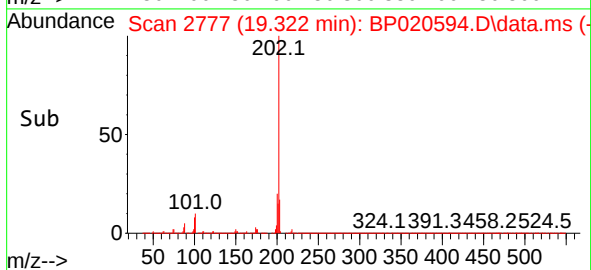
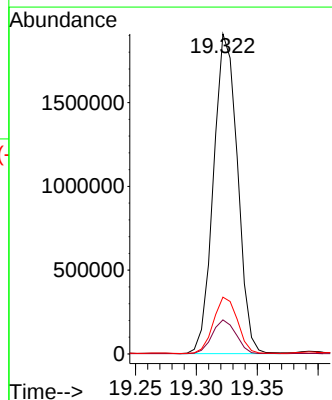
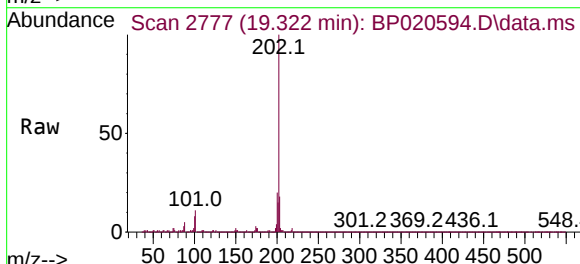
Instrument :
 BNA_P
 ClientSampleId :
 HD-02-060724

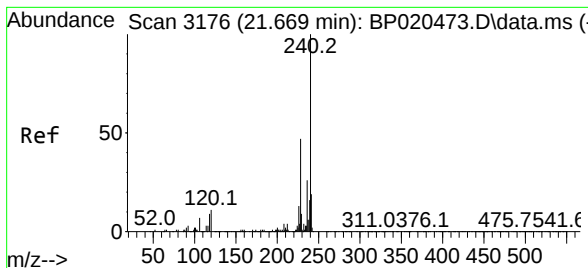
Tgt Ion:178 Resp: 457398
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 16.1 12.2 18.4



#75
 Fluoranthene
 Concen: 26.249 ng
 RT: 19.322 min Scan# 2777
 Delta R.T. -0.018 min
 Lab File: BP020594.D
 Acq: 11 Jun 2024 19:21

Tgt Ion:202 Resp: 2616077
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.4
 203 17.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

Instrument :

BNA_P

ClientSampleId :

HD-02-060724

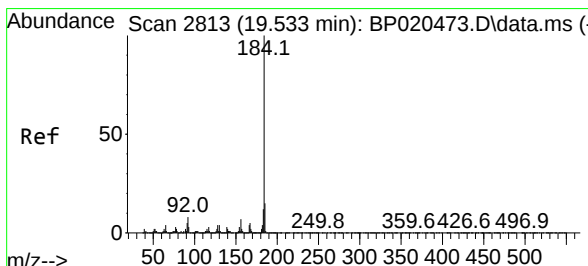
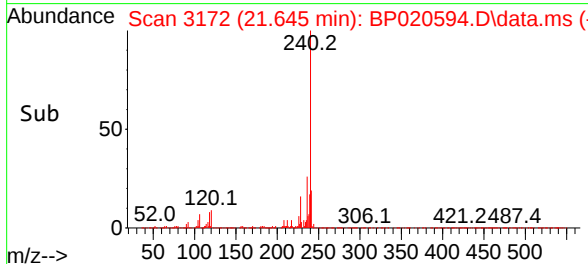
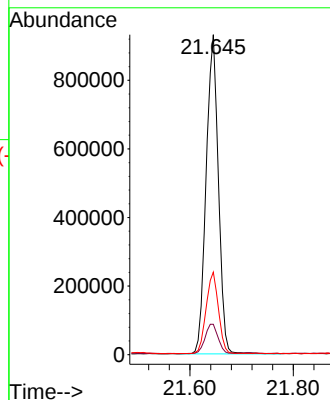
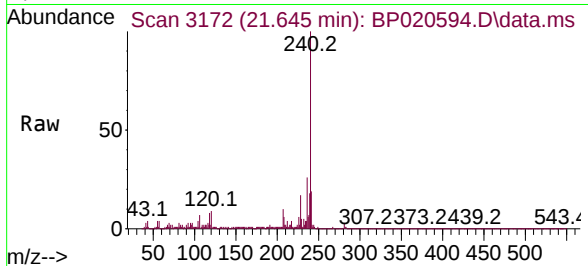
Tgt Ion:240 Resp: 1528770

Ion Ratio Lower Upper

240 100

120 9.5 8.5 12.7

236 25.8 20.5 30.7



#77

Benzidine

Concen: 6.021 ng

RT: 19.486 min Scan# 2805

Delta R.T. -0.047 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

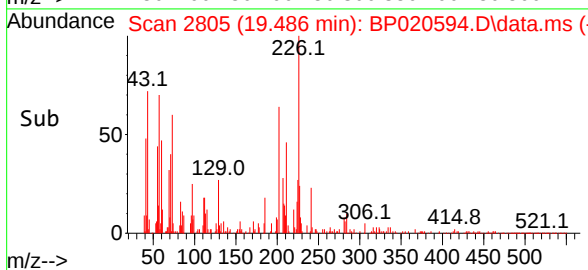
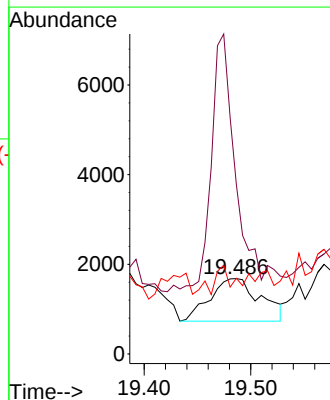
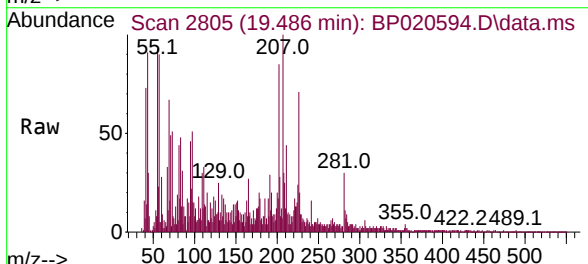
Tgt Ion:184 Resp: 3127

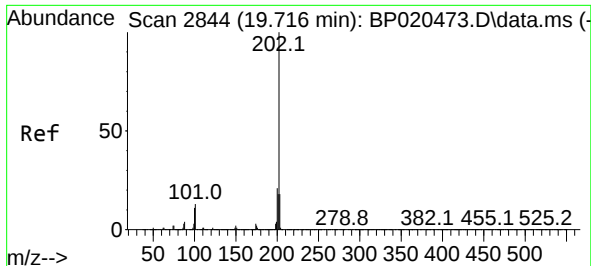
Ion Ratio Lower Upper

184 100

185 224.9 12.0 18.0#

183 100.4 9.4 14.0#

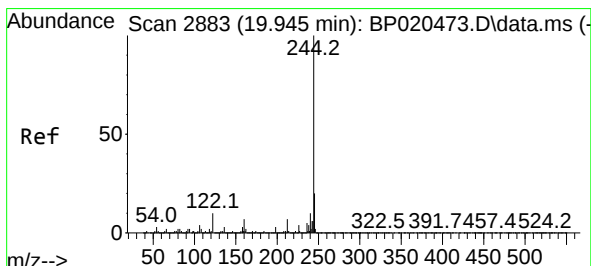
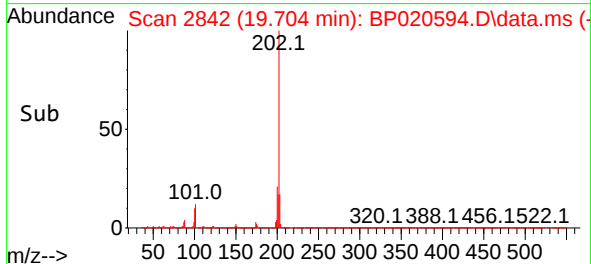
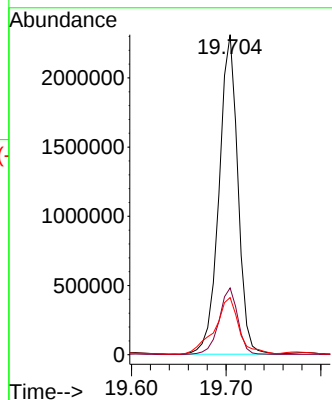
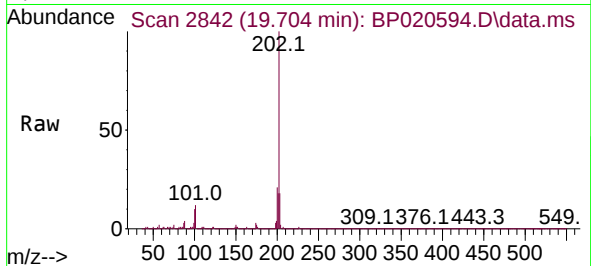




#78
Pyrene
Concen: 27.703 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

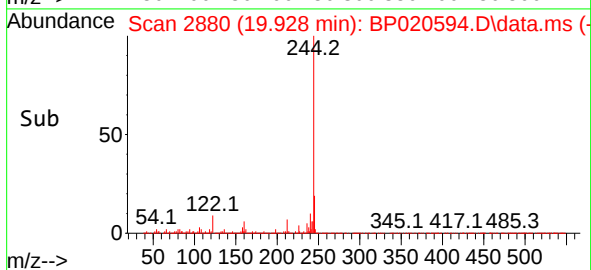
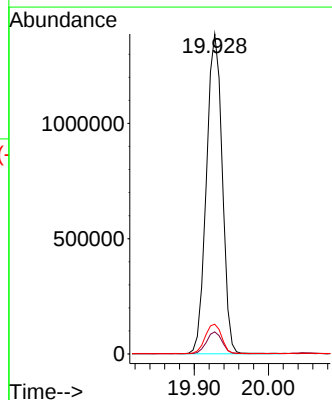
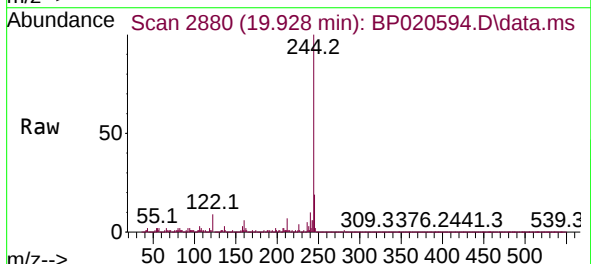
Instrument :
BNA_P
ClientSampleId :
HD-02-060724

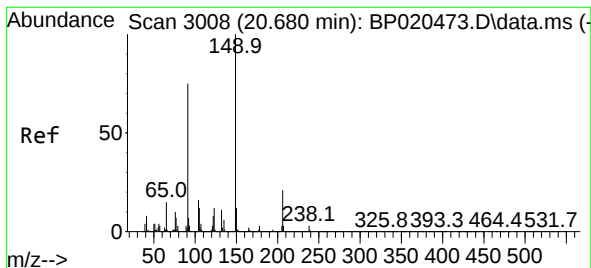
Tgt Ion:202 Resp: 3185644
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.8 14.1 21.1



#79
Terphenyl-d14
Concen: 22.340 ng
RT: 19.928 min Scan# 2880
Delta R.T. -0.017 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:244 Resp: 2051530
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.3 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.633 ng

RT: 20.657 min Scan# 3004

Delta R.T. -0.023 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

Instrument :

BNA_P

ClientSampleId :

HD-02-060724

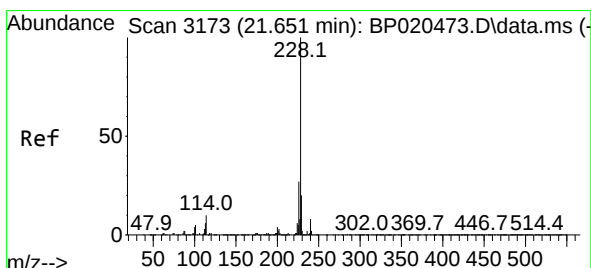
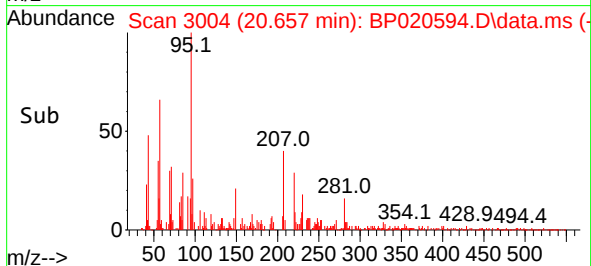
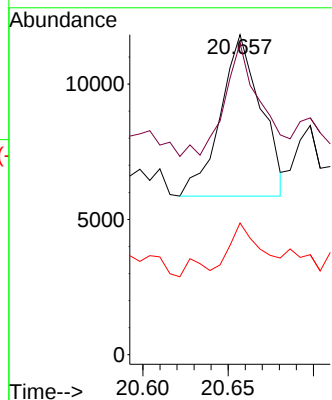
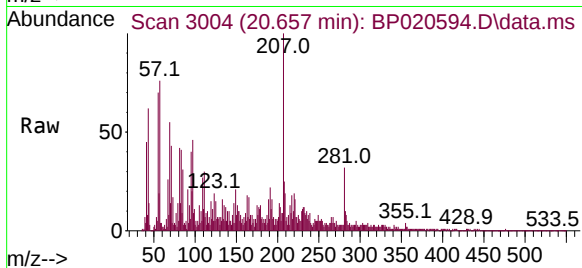
Tgt Ion:149 Resp: 9867

Ion Ratio Lower Upper

149 100

91 97.4 60.0 90.0#

206 41.1 16.6 25.0#



#81

Benzo(a)anthracene

Concen: 14.961 ng

RT: 21.622 min Scan# 3168

Delta R.T. -0.029 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

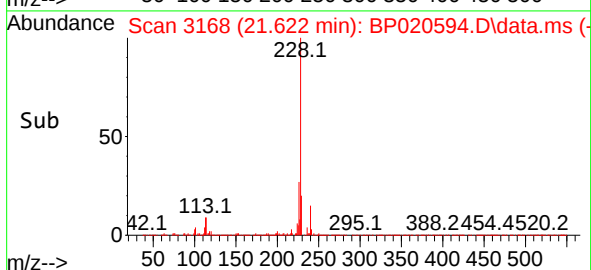
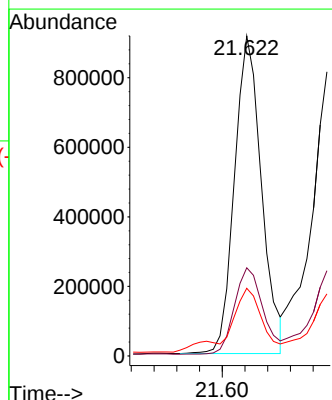
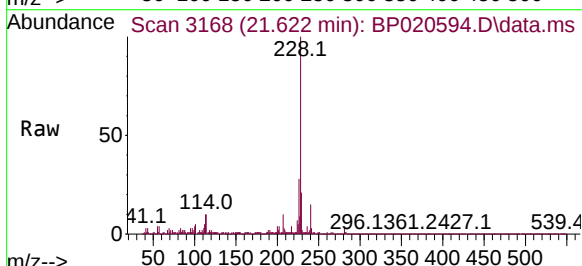
Tgt Ion:228 Resp: 1506021

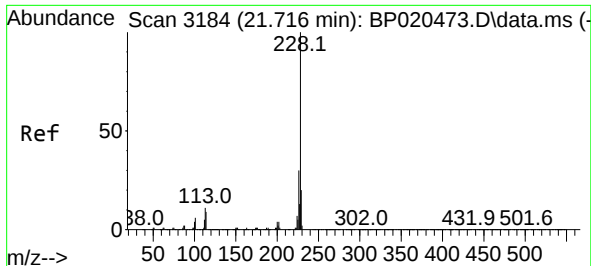
Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 21.2 15.8 23.6

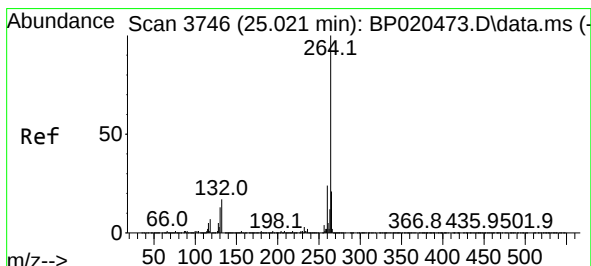
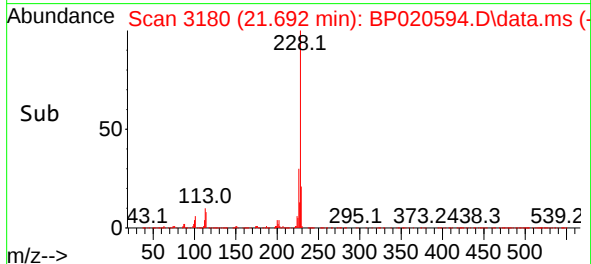
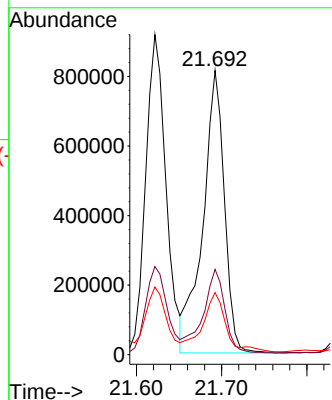
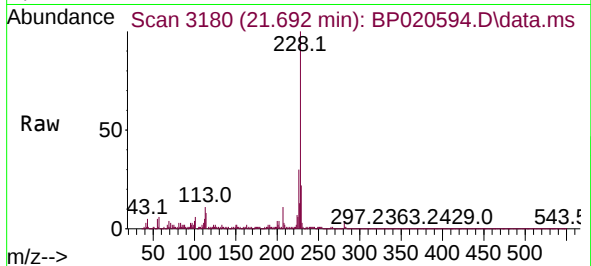




#83
Chrysene
Concen: 15.040 ng
RT: 21.692 min Scan# 3184
Delta R.T. -0.023 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

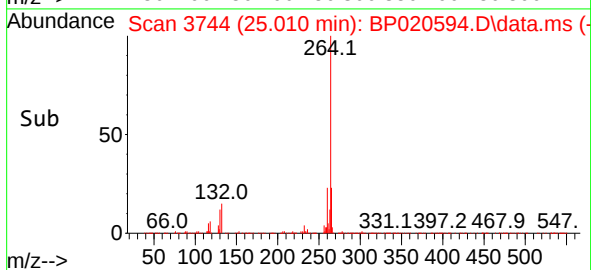
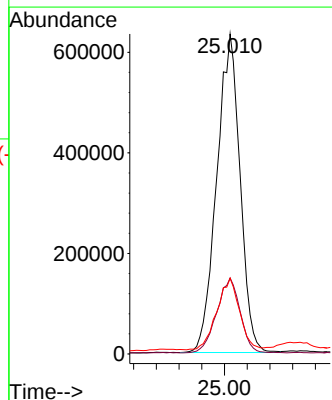
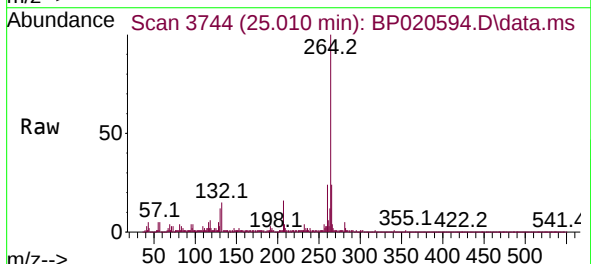
Instrument :
BNA_P
ClientSampleId :
HD-02-060724

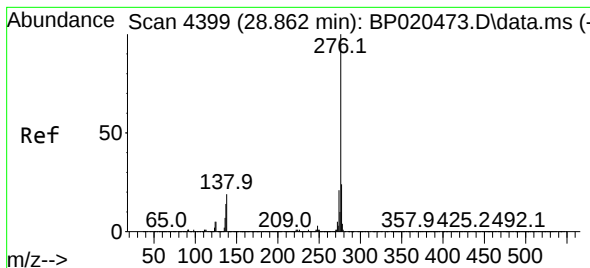
Tgt Ion:228 Resp: 1426565
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.8 15.7 23.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3744
Delta R.T. -0.012 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:264 Resp: 1808286
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 23.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.922 ng

RT: 28.809 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

Instrument :

BNA_P

ClientSampleId :

HD-02-060724

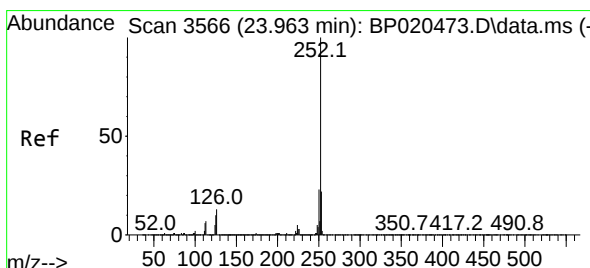
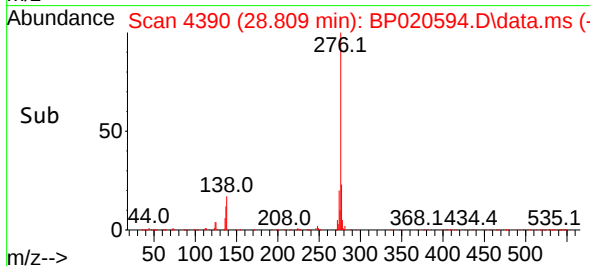
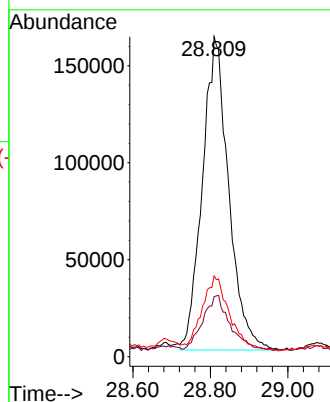
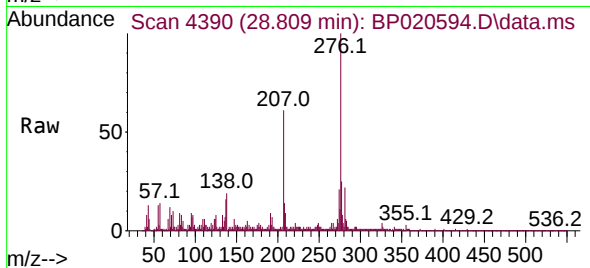
Tgt Ion:276 Resp: 761101

Ion Ratio Lower Upper

276 100

138 17.2 12.8 19.2

277 25.0 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 14.050 ng

RT: 23.939 min Scan# 3562

Delta R.T. -0.023 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

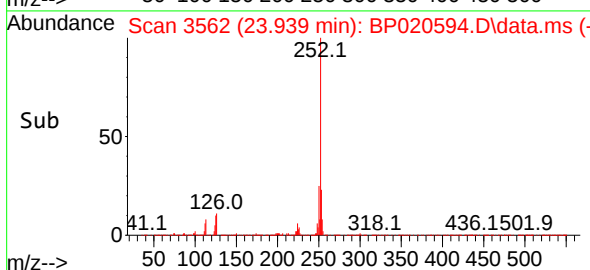
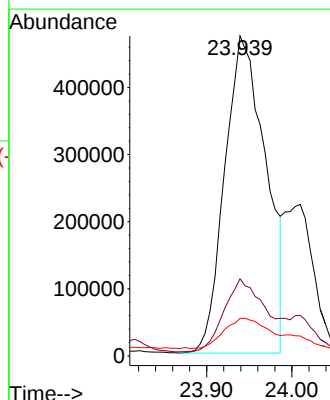
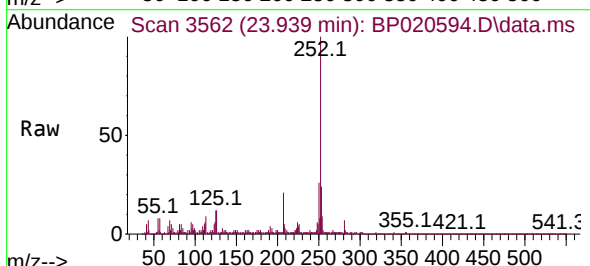
Tgt Ion:252 Resp: 1582785

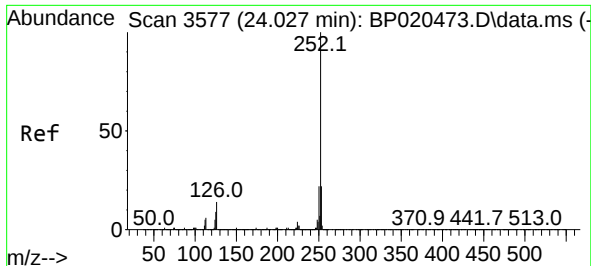
Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 11.8 8.0 12.0

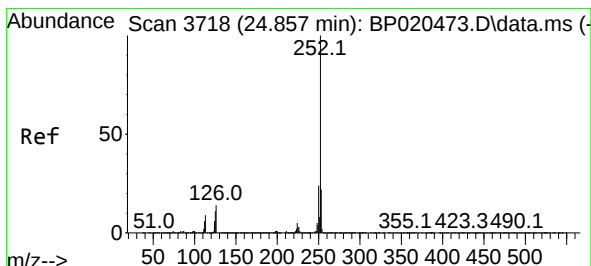
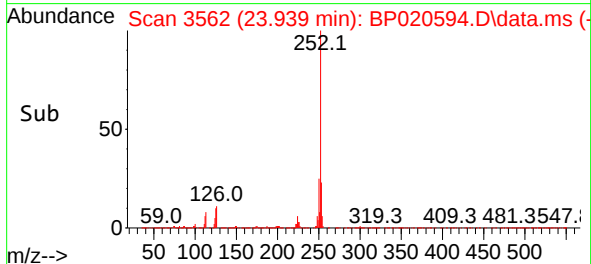
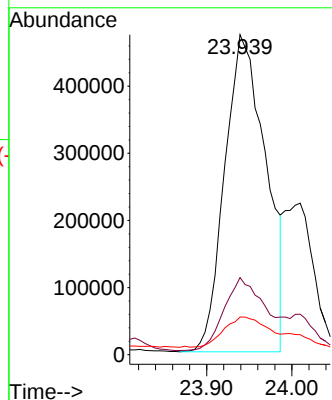
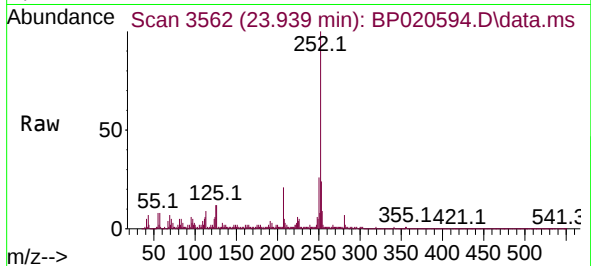




#89
Benzo(k)fluoranthene
Concen: 14.406 ng
RT: 23.939 min Scan# 31
Delta R.T. -0.088 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

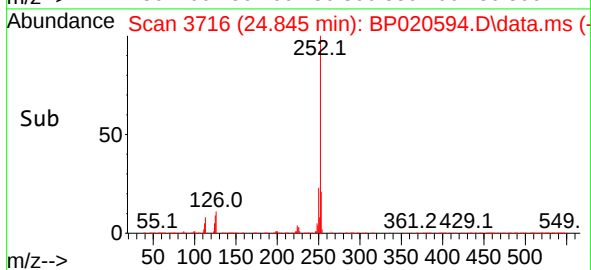
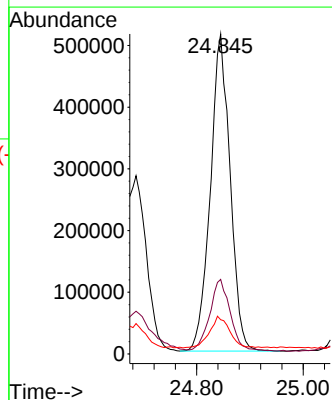
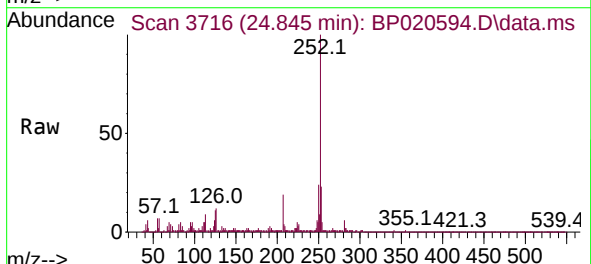
Instrument :
BNA_P
ClientSampleId :
HD-02-060724

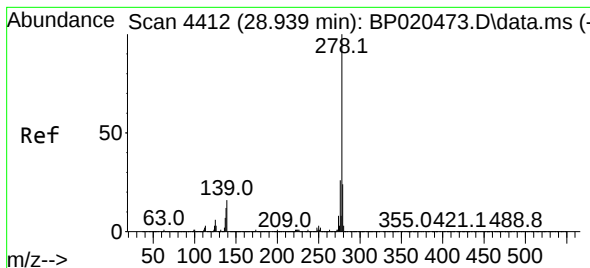
Tgt Ion:252 Resp: 1582785
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 11.8 7.8 11.6#



#90
Benzo(a)pyrene
Concen: 14.180 ng
RT: 24.845 min Scan# 3716
Delta R.T. -0.012 min
Lab File: BP020594.D
Acq: 11 Jun 2024 19:21

Tgt Ion:252 Resp: 1322963
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 10.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 2.458 ng

RT: 28.880 min Scan# 4412

Delta R.T. -0.059 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

Instrument :

BNA_P

ClientSampleId :

HD-02-060724

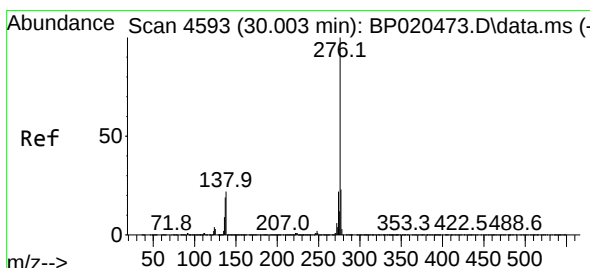
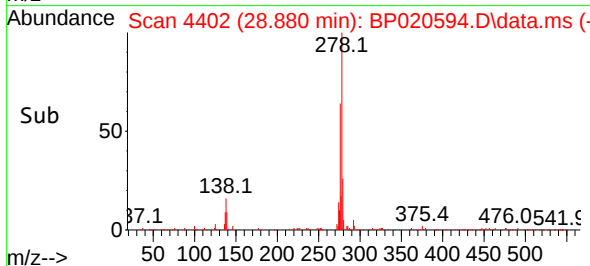
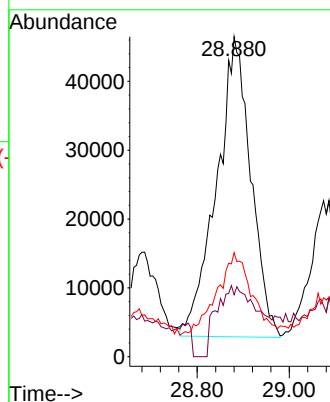
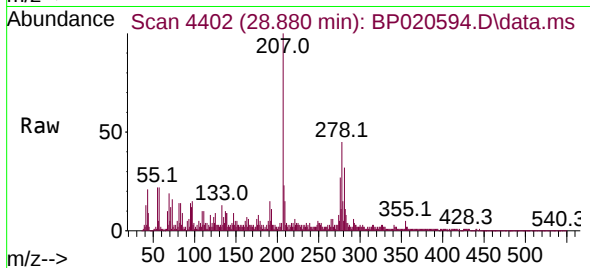
Tgt Ion:278 Resp: 225470

Ion Ratio Lower Upper

278 100

139 19.3 13.0 19.4

279 32.5 19.2 28.8#



#92

Benzo(g,h,i)perylene

Concen: 7.967 ng

RT: 29.998 min Scan# 4592

Delta R.T. -0.006 min

Lab File: BP020594.D

Acq: 11 Jun 2024 19:21

Tgt Ion:276 Resp: 730378

Ion Ratio Lower Upper

276 100

277 25.4 18.7 28.1

138 21.1 17.7 26.5

