

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020615.D
 Acq On : 13 Jun 2024 17:22
 Operator : MA/JU
 Sample : P2855-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11989

Quant Time: Jun 13 17:53:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

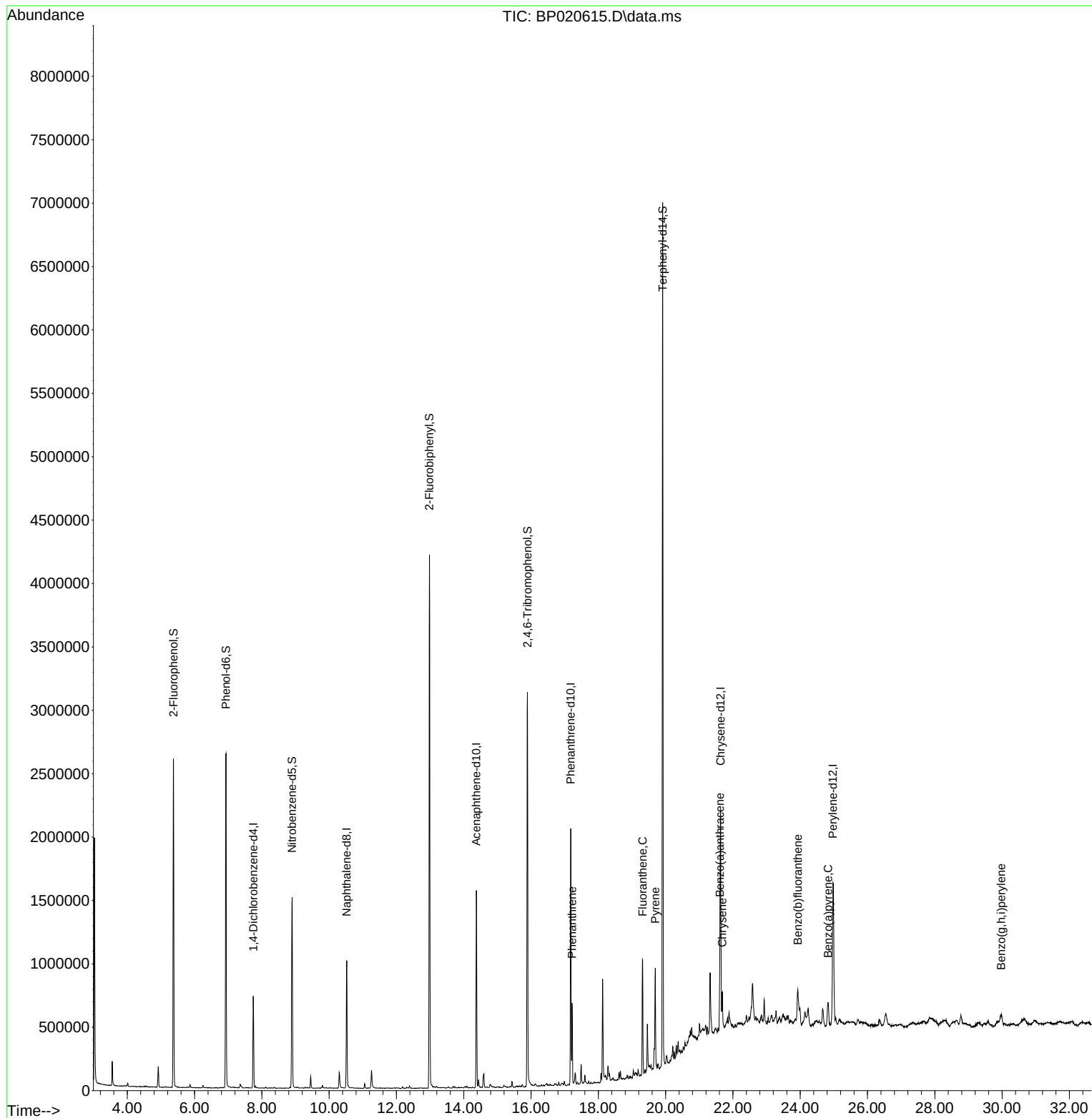
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	212385	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	829129	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	545151	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1163433	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1068200	20.000	ng	-0.04
86) Perylene-d12	24.974	264	1245255	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1192252	100.509	ng	0.00
7) Phenol-d6	6.934	99	1510176	90.275	ng	0.00
23) Nitrobenzene-d5	8.899	82	949492	62.687	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	719281	127.135	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	2326871	63.629	ng	-0.02
79) Terphenyl-d14	19.910	244	3818286	59.506	ng	-0.04
Target Compounds						Qvalue
71) Phenanthrene	17.216	178	384107	6.716	ng	99
75) Fluoranthene	19.316	202	615574	9.098	ng	97
78) Pyrene	19.692	202	530045	6.597	ng	99
81) Benzo(a)anthracene	21.610	228	267753	3.807	ng	98
83) Chrysene	21.686	228	264148	3.986	ng	97
88) Benzo(b)fluoranthene	23.927	252	327829	4.226	ng	98
90) Benzo(a)pyrene	24.827	252	229999	3.580	ng	97
92) Benzo(g,h,i)perylene	29.968	276	134090	2.124	ng	95

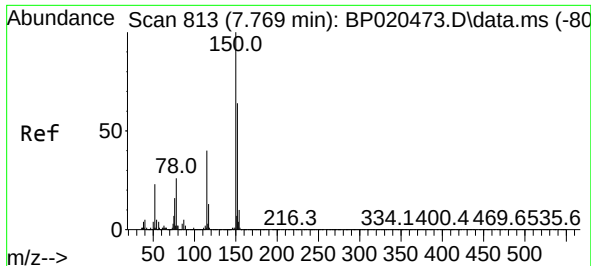
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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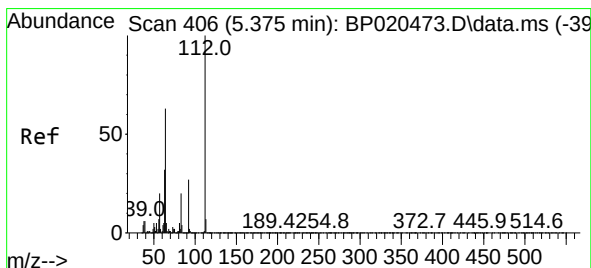
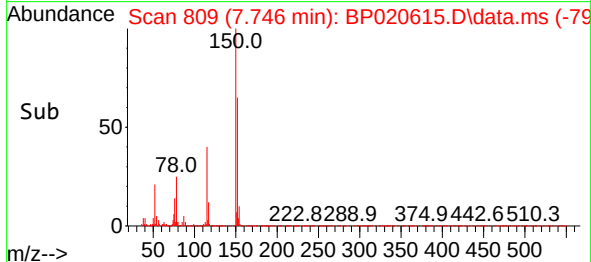
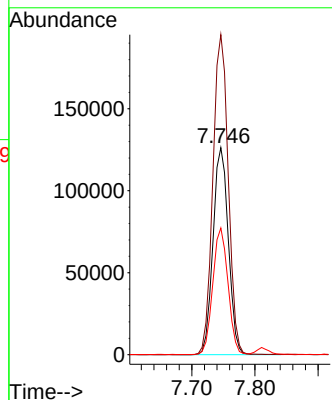
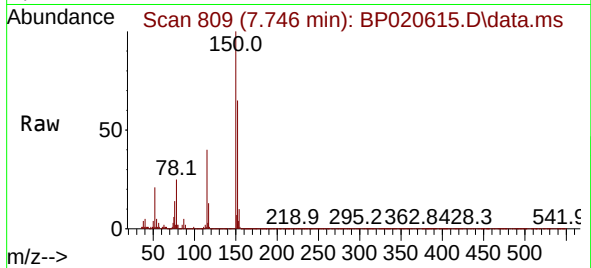




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

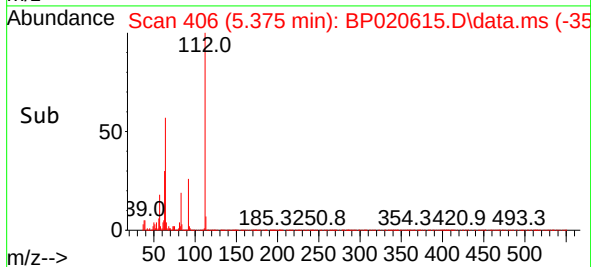
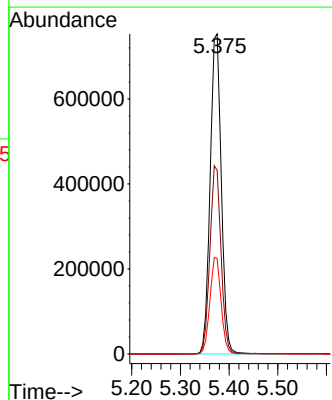
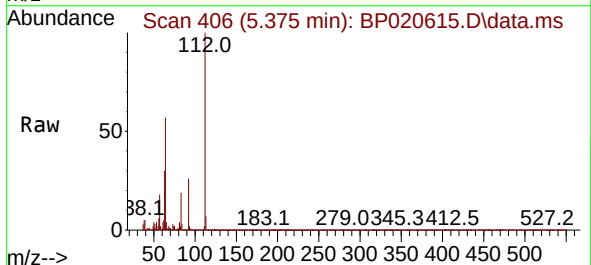
Instrument :
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72-11989

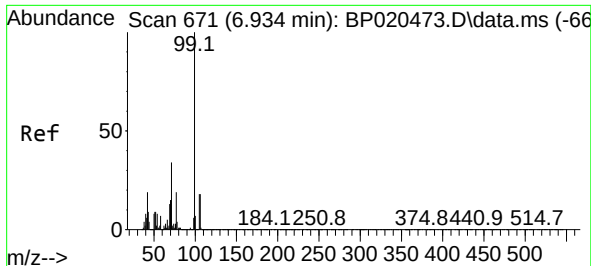
Tgt Ion:152 Resp: 212385
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 100.509 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:112 Resp: 1192252
Ion Ratio Lower Upper
112 100
64 57.4 50.1 75.1
63 29.8 25.7 38.5

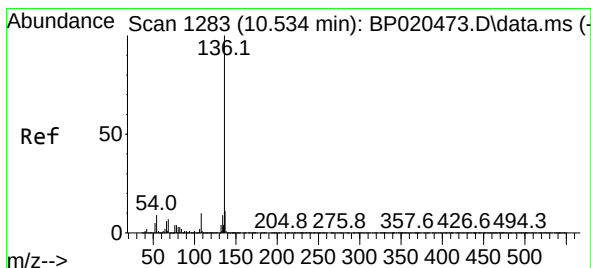
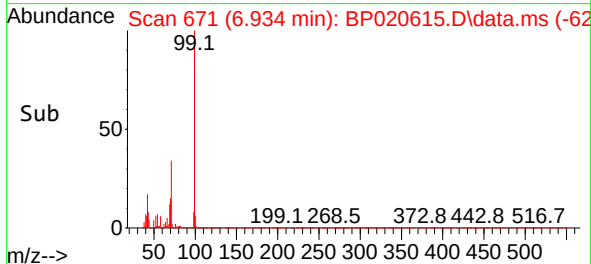
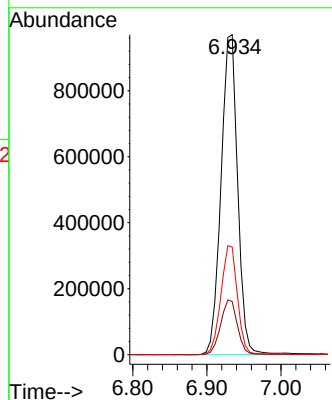
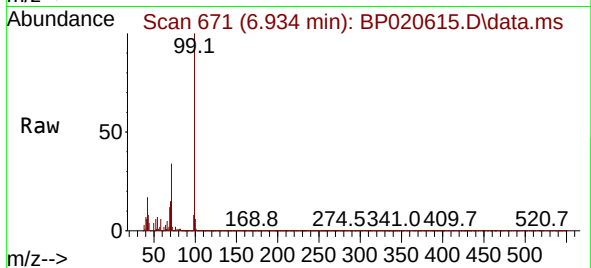




#7
Phenol-d6
Concen: 90.275 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

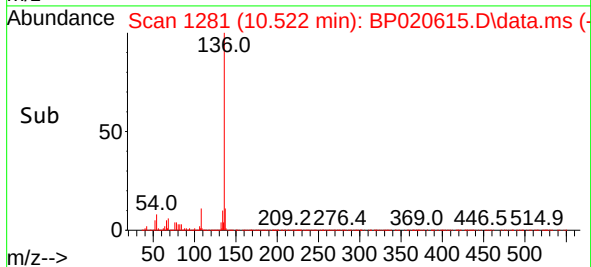
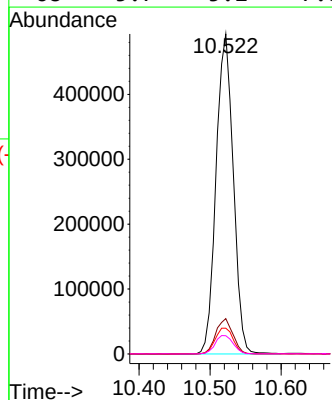
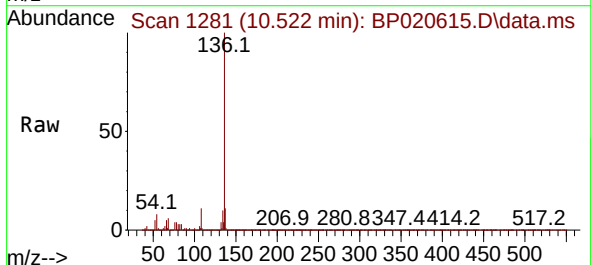
Instrument :
BNA_P
ClientSampleId :
72-11989

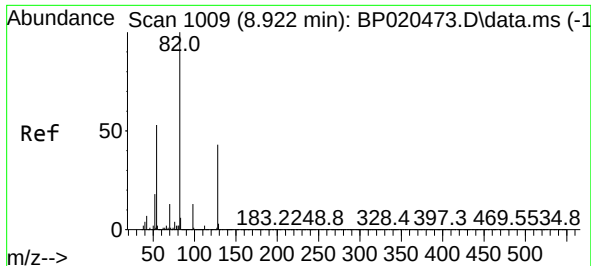
Tgt Ion: 99 Resp: 1510176
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion: 136 Resp: 829129
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.0 7.4 11.0
68 5.7 5.2 7.8

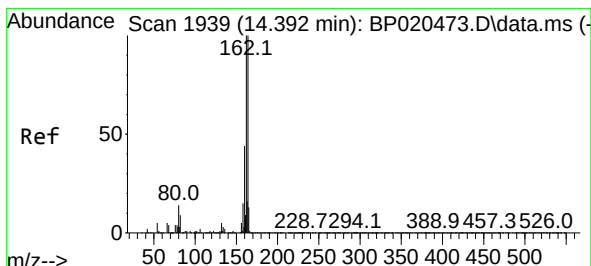
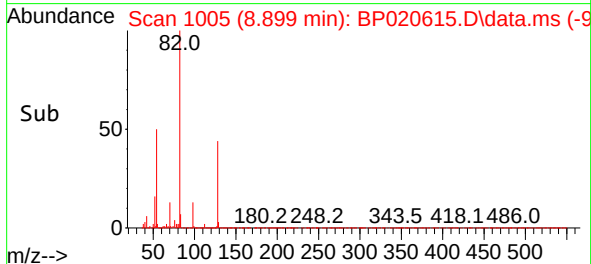
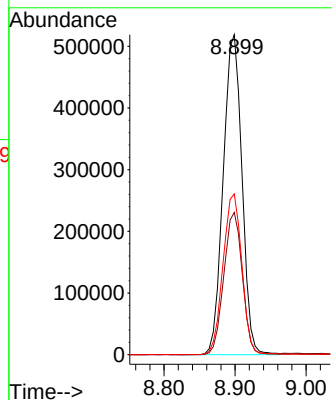
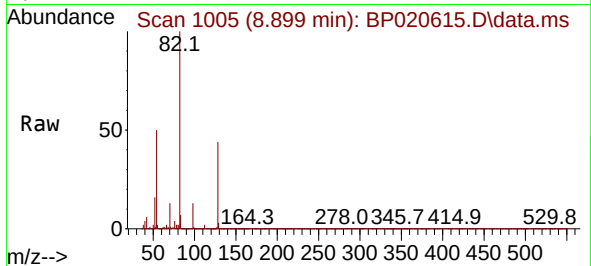




#23
 Nitrobenzene-d5
 Concen: 62.687 ng
 RT: 8.899 min Scan# 1005
 Delta R.T. -0.023 min
 Lab File: BP020615.D
 Acq: 13 Jun 2024 17:22

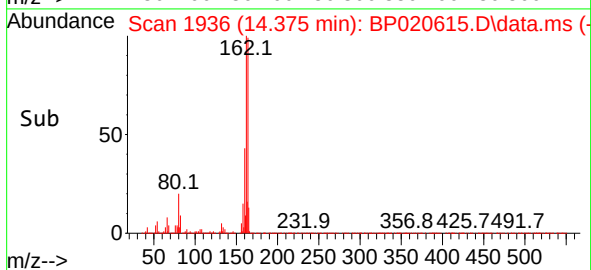
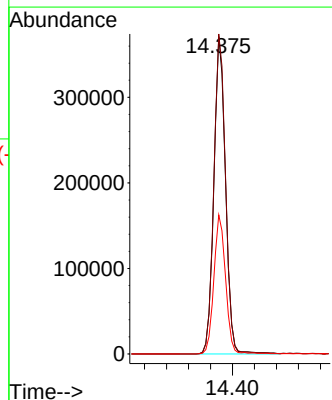
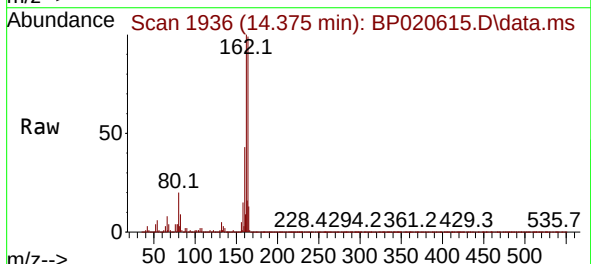
Instrument :
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 ClientSampleId :
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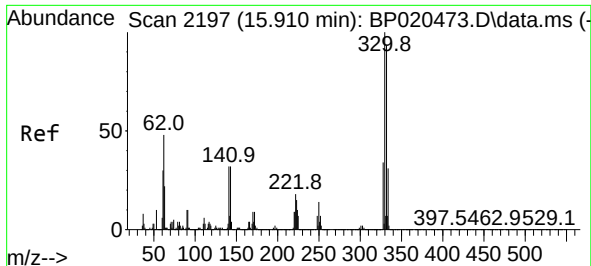
Tgt Ion: 82 Resp: 949492
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.2 51.4
 54 50.3 42.7 64.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.375 min Scan# 1936
 Delta R.T. -0.017 min
 Lab File: BP020615.D
 Acq: 13 Jun 2024 17:22

Tgt Ion:164 Resp: 545151
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.3 120.5
 160 43.8 35.4 53.2

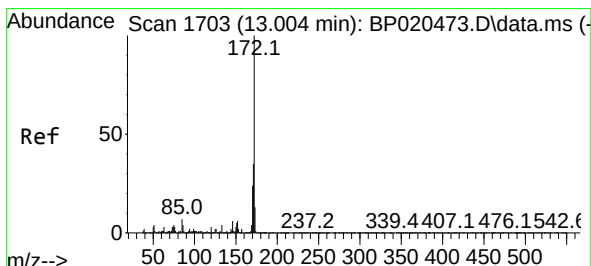
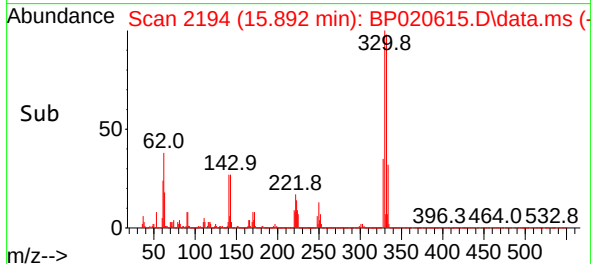
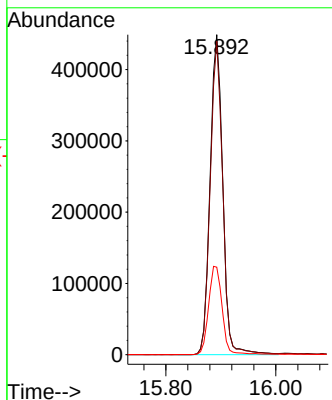
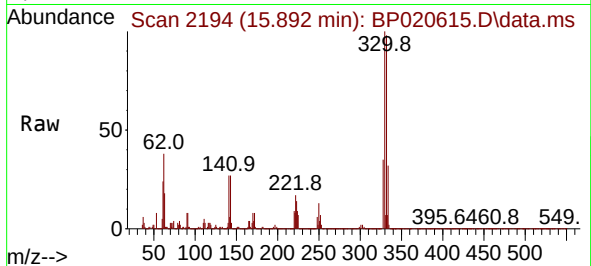




#42
2,4,6-Tribromophenol
Concen: 127.135 ng
RT: 15.892 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

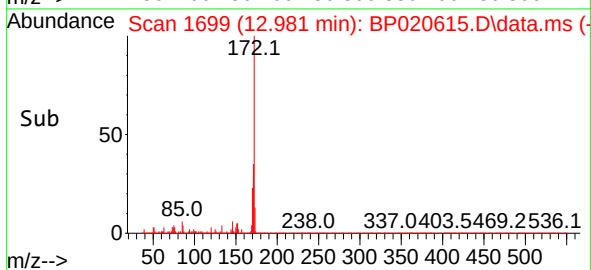
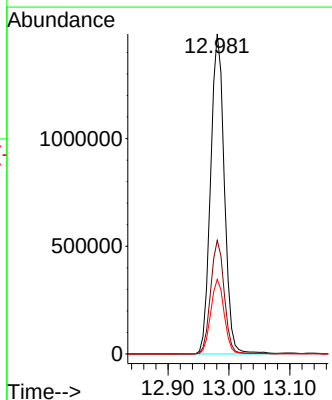
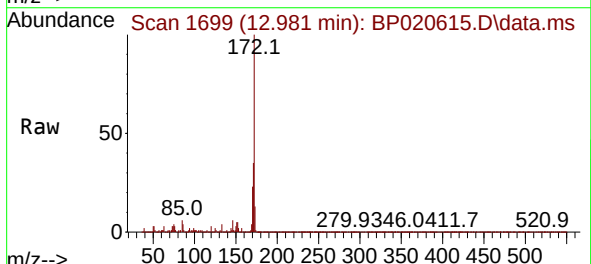
Instrument :
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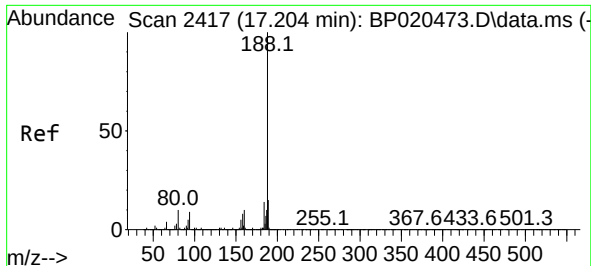
Tgt Ion:330 Resp: 719281
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 29.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 63.629 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.023 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:172 Resp: 2326871
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 18.9 28.3

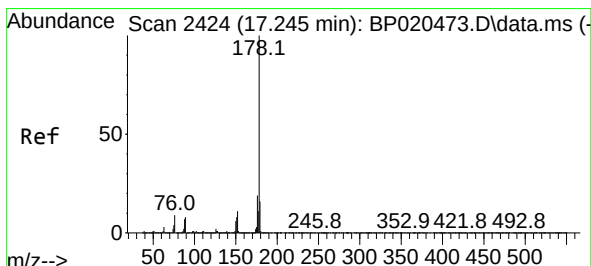
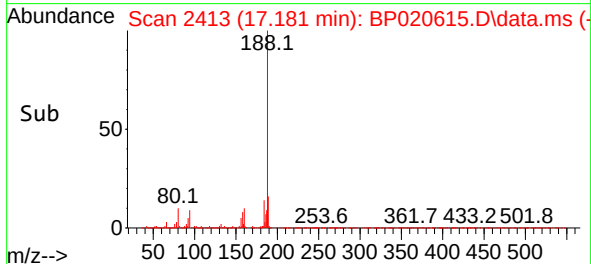
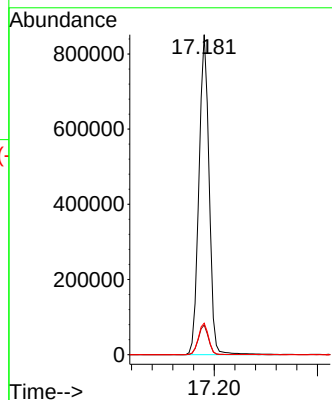
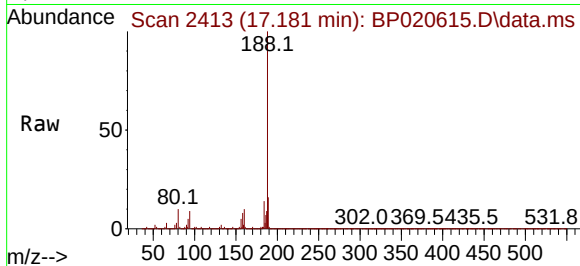




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.023 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

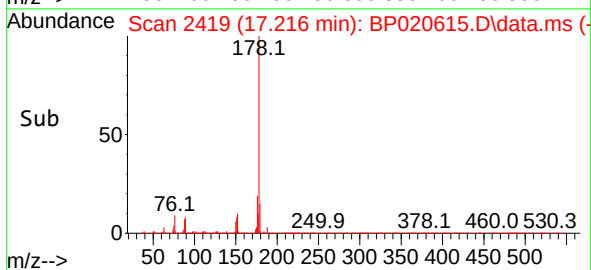
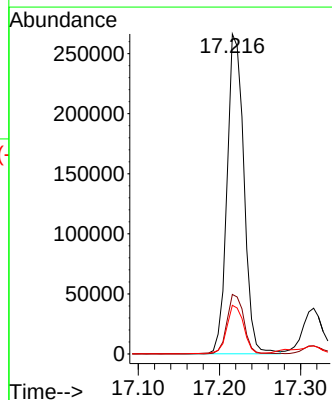
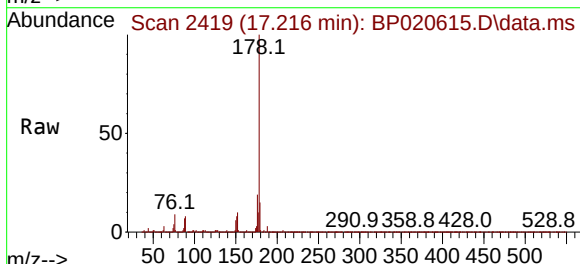
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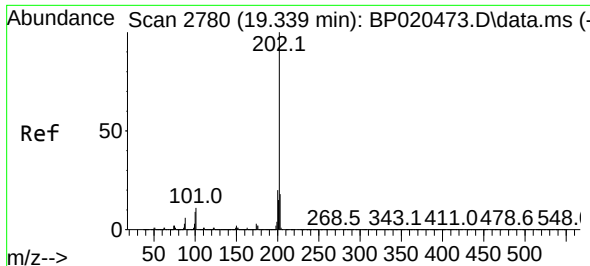
Tgt Ion:188 Resp: 1163433
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.9 8.1 12.1



#71
Phenanthrene
Concen: 6.716 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.029 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:178 Resp: 384107
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.2 12.5 18.7

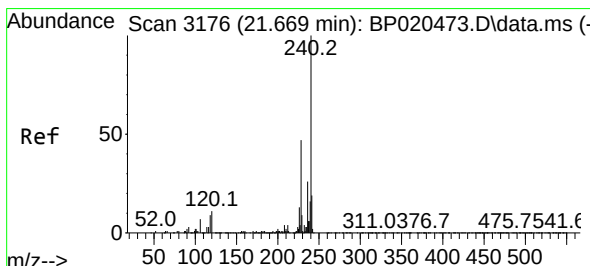
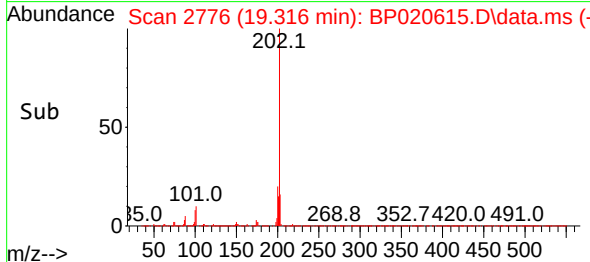
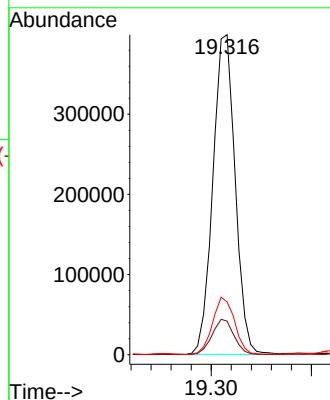
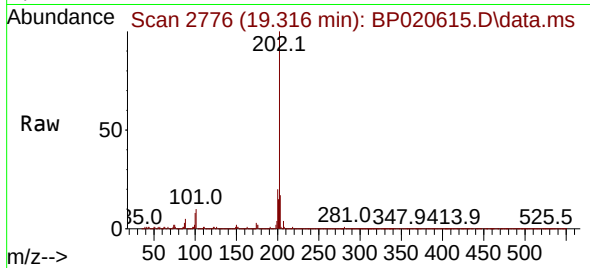




#75
Fluoranthene
Concen: 9.098 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

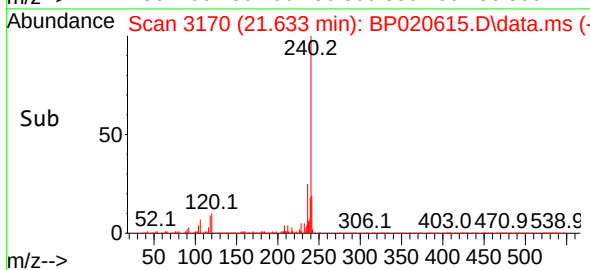
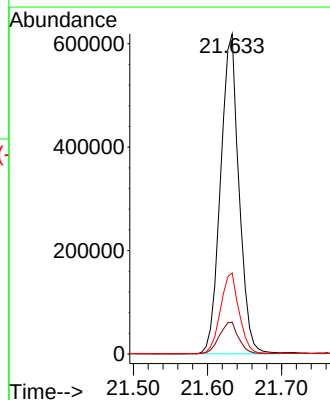
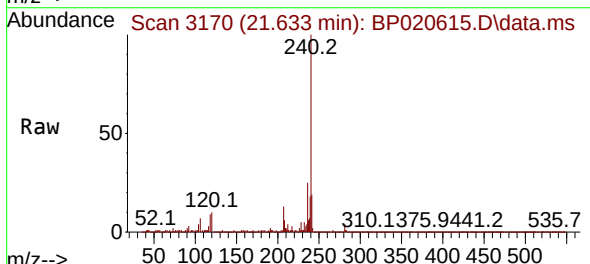
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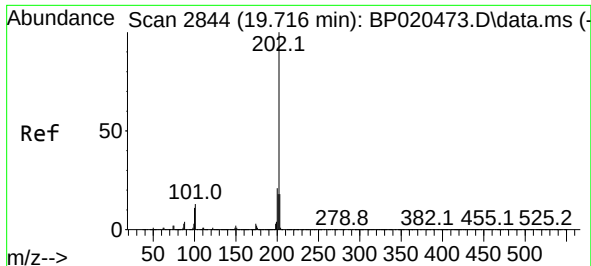
Tgt Ion:202 Resp: 615574
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 16.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:240 Resp: 1068200
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 25.3 20.5 30.7

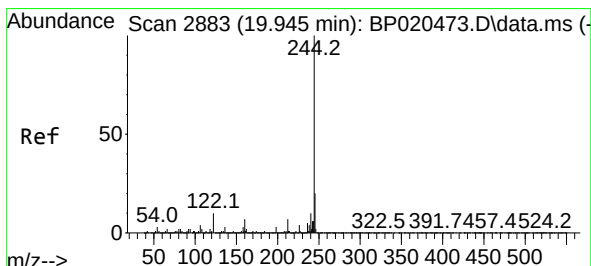
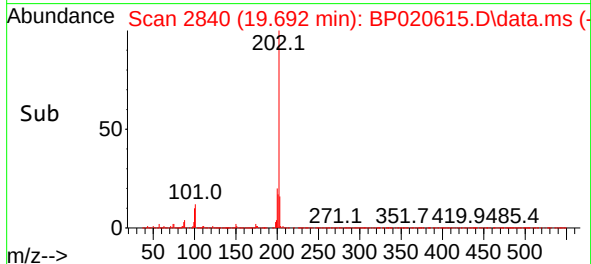
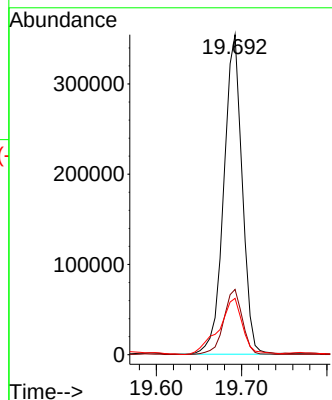
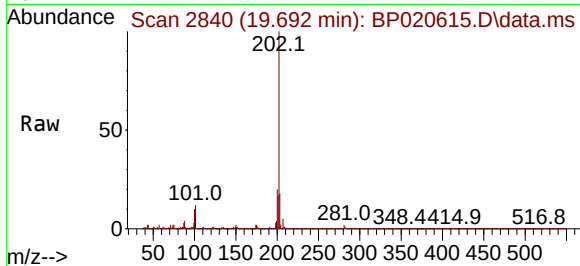




#78
Pyrene
Concen: 6.597 ng
RT: 19.692 min Scan# 2840
Delta R.T. -0.023 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

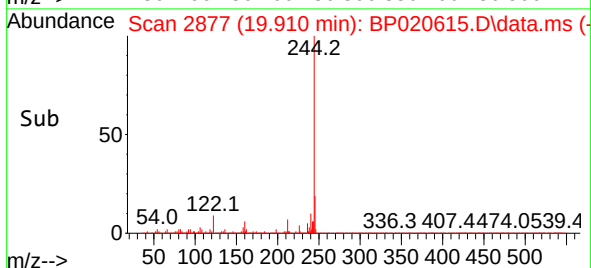
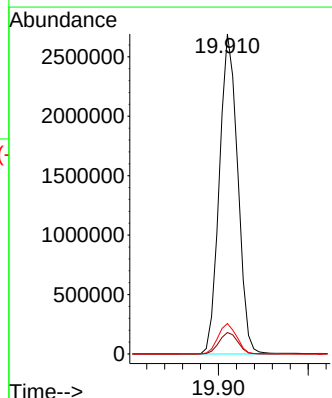
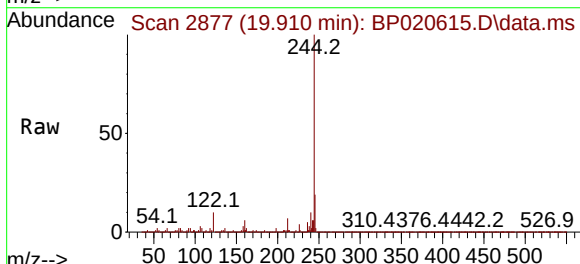
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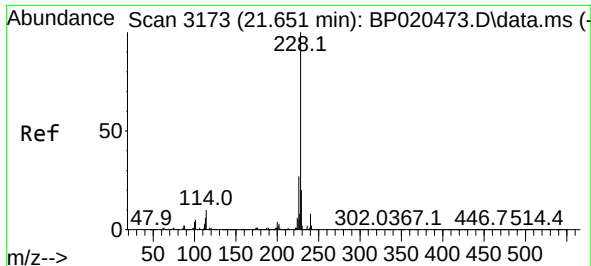
Tgt Ion:202 Resp: 530045
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 17.6 14.1 21.1



#79
Terphenyl-d14
Concen: 59.506 ng
RT: 19.910 min Scan# 2877
Delta R.T. -0.035 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:244 Resp: 3818286
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 9.5 8.2 12.2

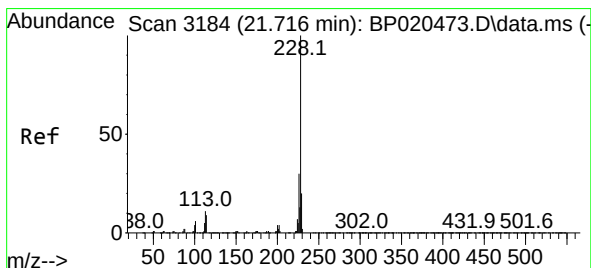
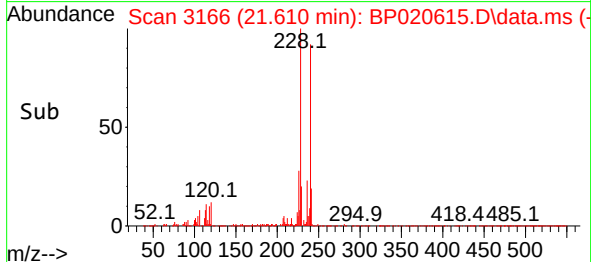
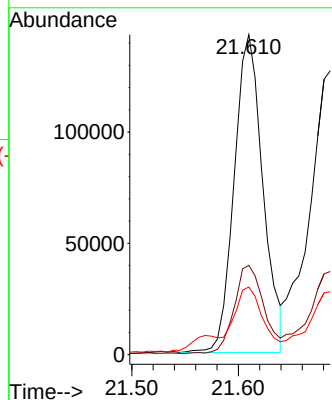
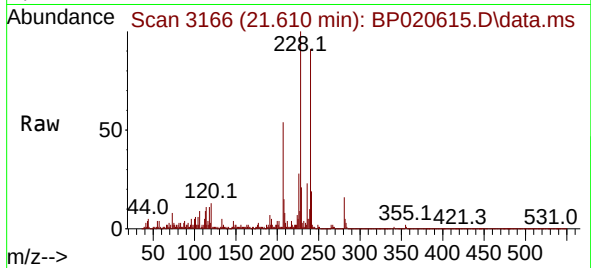




#81
Benzo(a)anthracene
Concen: 3.807 ng
RT: 21.610 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

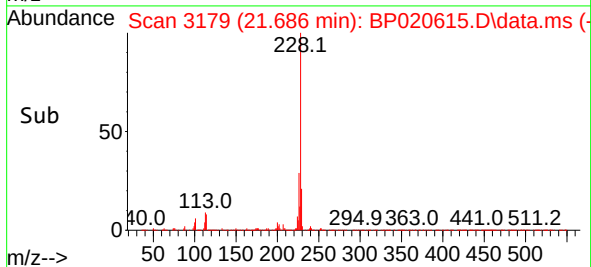
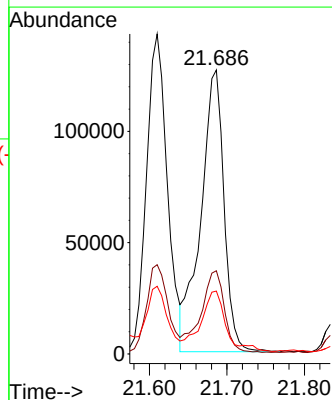
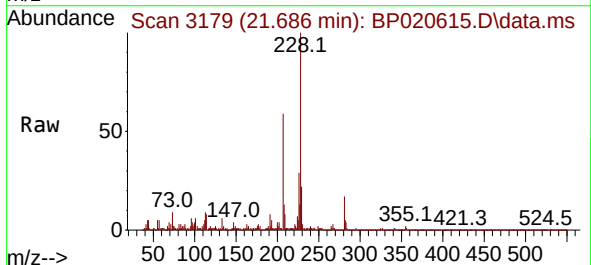
Instrument :
BNA_P
ClientSampleId :
72-11989

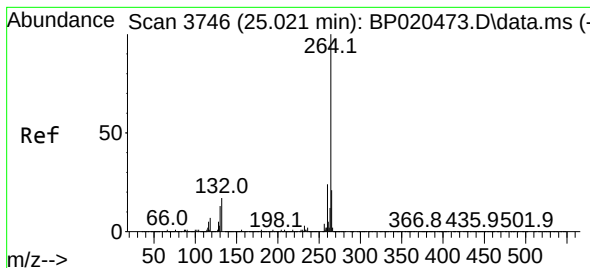
Tgt Ion:228 Resp: 267753
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 21.2 15.8 23.6



#83
Chrysene
Concen: 3.986 ng
RT: 21.686 min Scan# 3179
Delta R.T. -0.029 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:228 Resp: 264148
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 22.2 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP020615.D

Acq: 13 Jun 2024 17:22

Instrument :

BNA_P

ClientSampleId :

72-11989

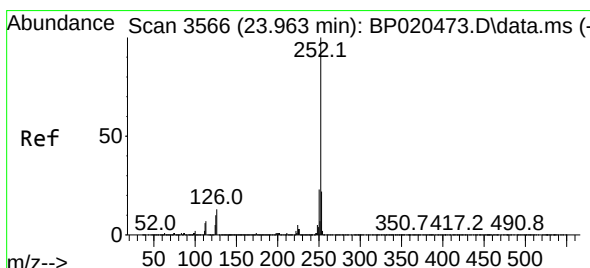
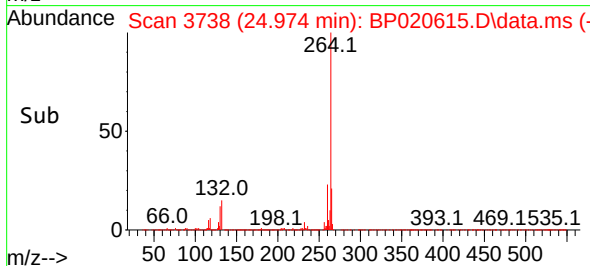
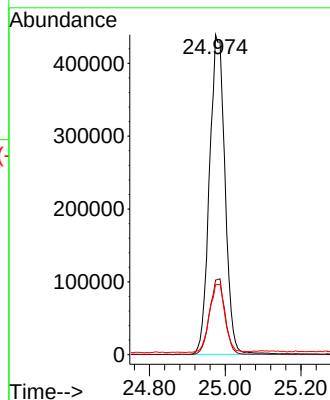
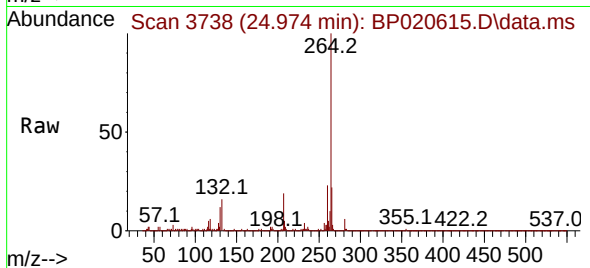
Tgt Ion:264 Resp: 1245255

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.9 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 4.226 ng

RT: 23.927 min Scan# 3560

Delta R.T. -0.035 min

Lab File: BP020615.D

Acq: 13 Jun 2024 17:22

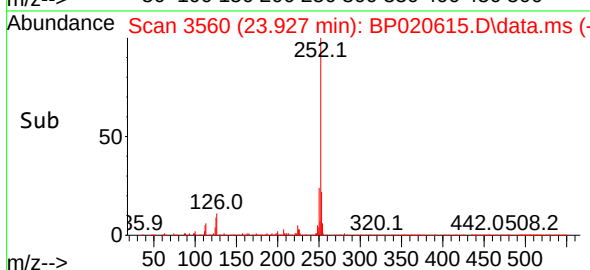
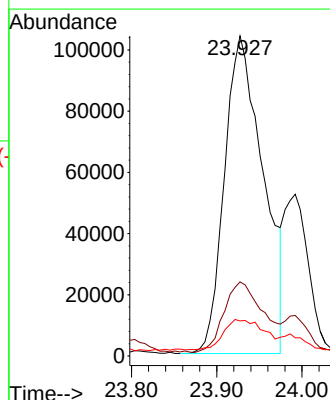
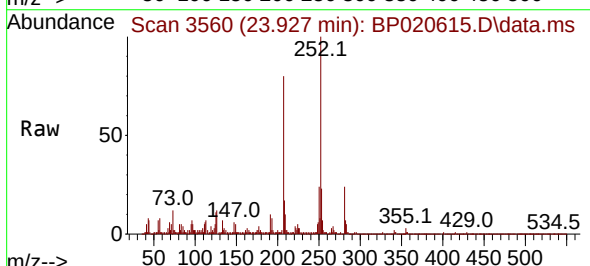
Tgt Ion:252 Resp: 327829

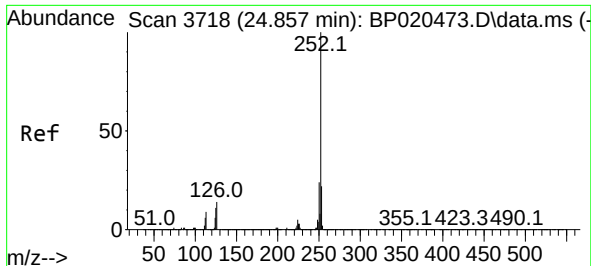
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 11.0 8.0 12.0

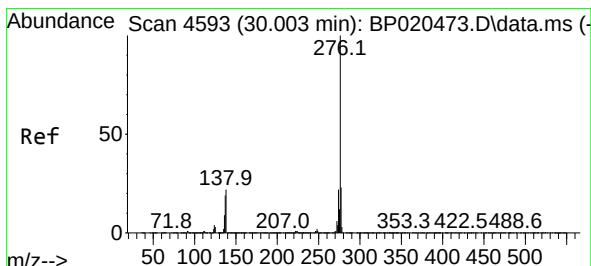
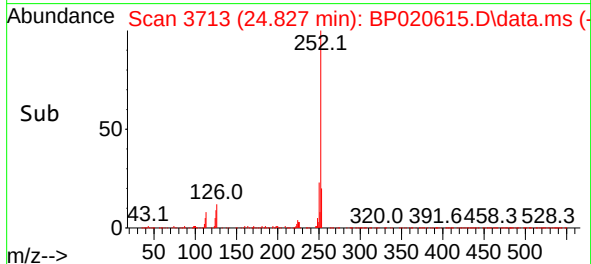
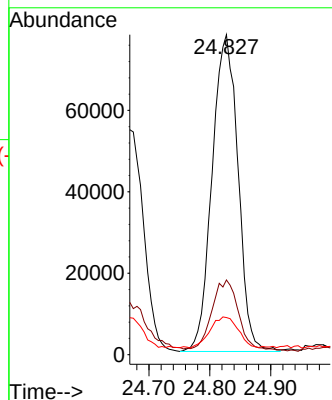
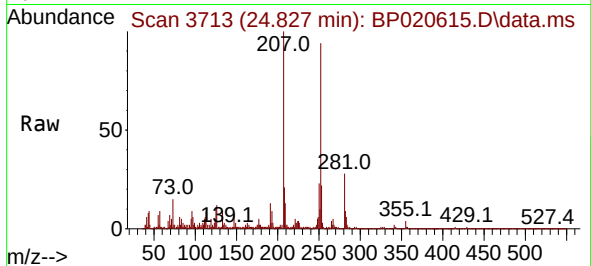




#90
Benzo(a)pyrene
Concen: 3.580 ng
RT: 24.827 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Instrument :
BNA_P
ClientSampleId :
72-11989

Tgt Ion:252 Resp: 229999
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 11.6 8.9 13.3



#92
Benzo(g,h,i)perylene
Concen: 2.124 ng
RT: 29.968 min Scan# 4587
Delta R.T. -0.035 min
Lab File: BP020615.D
Acq: 13 Jun 2024 17:22

Tgt Ion:276 Resp: 134090
Ion Ratio Lower Upper
276 100
277 25.3 18.7 28.1
138 19.5 17.7 26.5

