

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010623.D
 Acq On : 29 May 2022 17:28
 Operator : CG/JU
 Sample : N3041-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2147

Quant Time: May 30 02:07:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

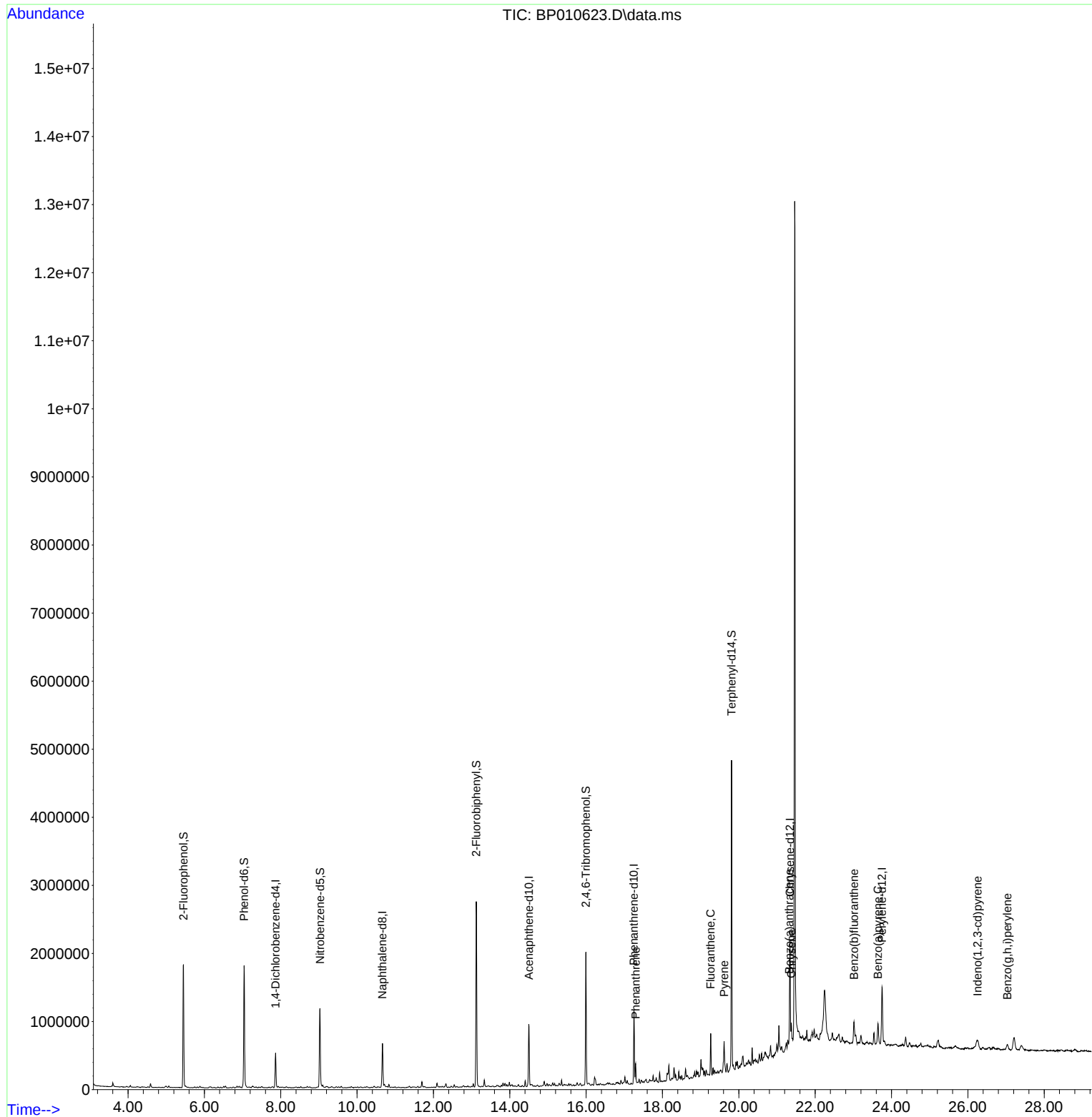
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	131745	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	518516	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	320285	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	647189	20.000	ng	0.00
76) Chrysene-d12	21.339	240	625574	20.000	ng	0.00
86) Perylene-d12	23.751	264	651424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	707114	97.916	ng	0.00
7) Phenol-d6	7.040	99	959217	93.562	ng	0.00
23) Nitrobenzene-d5	9.028	82	682321	62.214	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	328365	90.571	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1399597	62.019	ng	0.00
79) Terphenyl-d14	19.810	244	2026134	60.835	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.298	178	179708	5.063	ng	99
75) Fluoranthene	19.263	202	292886	7.598	ng	96
78) Pyrene	19.616	202	260410	5.973	ng	99
81) Benzo(a)anthracene	21.322	228	161829	3.943	ng	# 90
83) Chrysene	21.375	228	216166	5.369	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.257	276	100662	2.120	ng	95
88) Benzo(b)fluoranthene	23.022	252	217281	5.298	ng	# 96
90) Benzo(a)pyrene	23.645	252	141245	4.163	ng	# 91
92) Benzo(g,h,i)perylene	27.033	276	112702	2.854	ng	# 84

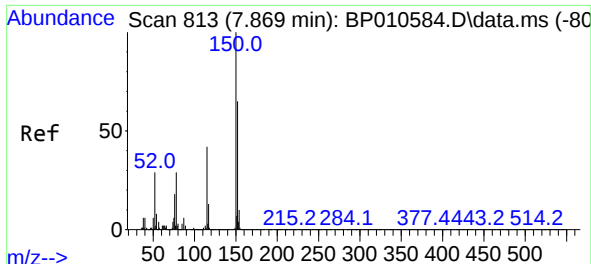
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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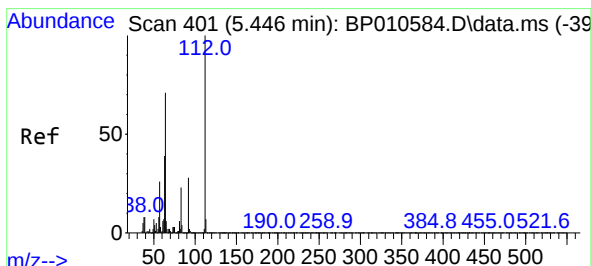
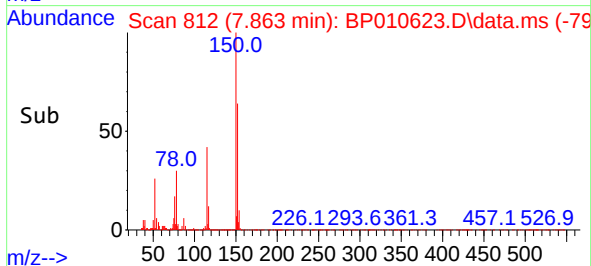
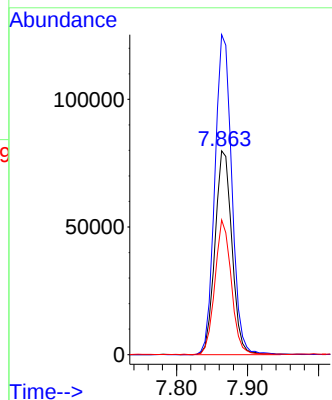
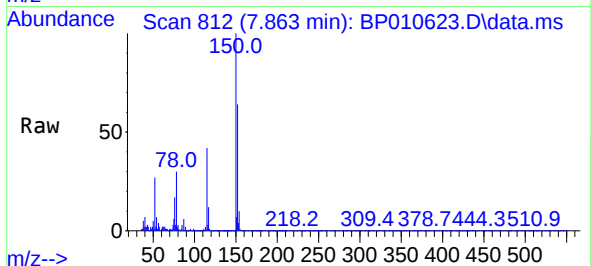




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

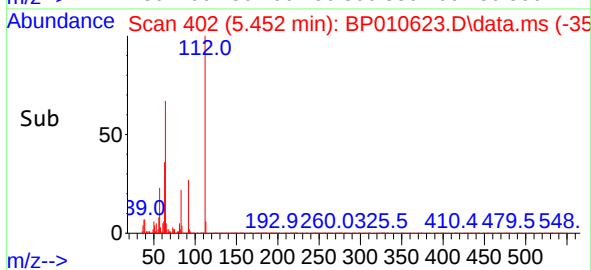
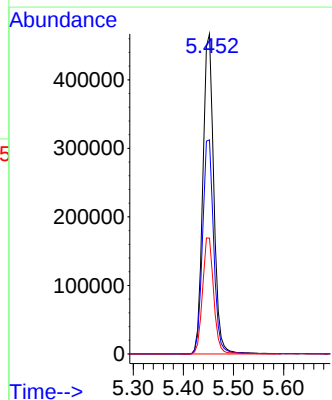
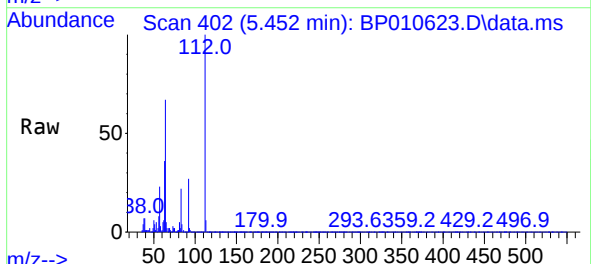
Instrument :
BNA_P
ClientSampleId :
2147

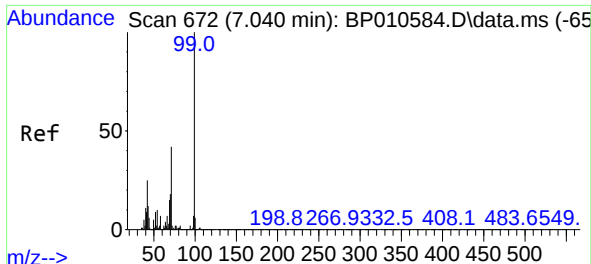
Tgt Ion:152 Resp: 131745
Ion Ratio Lower Upper
152 100
150 157.0 123.4 185.2
115 66.1 51.3 76.9



#5
2-Fluorophenol
Concen: 97.916 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:112 Resp: 707114
Ion Ratio Lower Upper
112 100
64 66.9 56.9 85.3
63 36.2 31.2 46.8

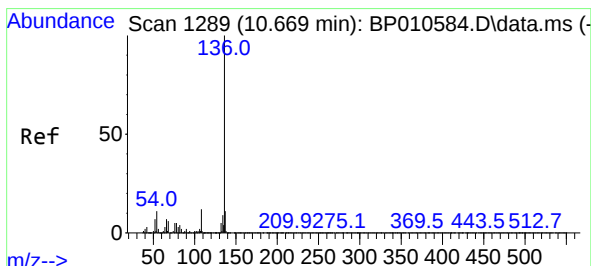
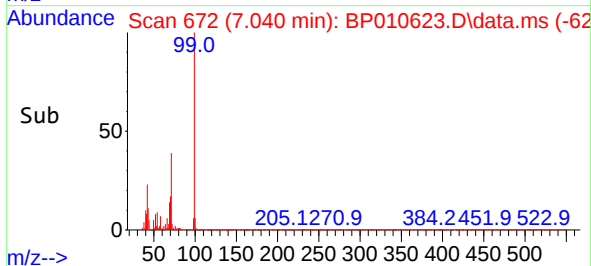
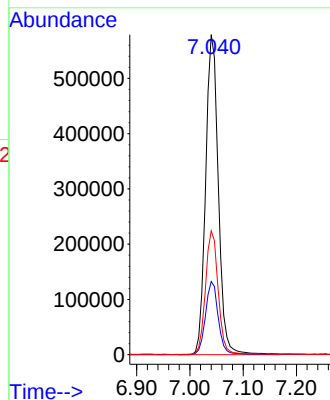
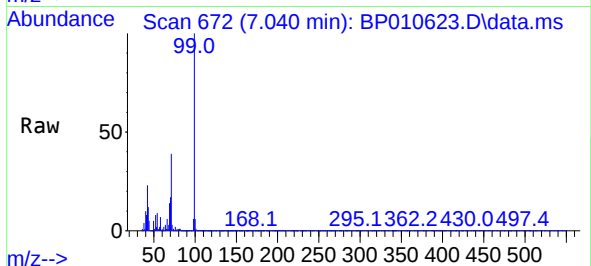




#7
Phenol-d6
Concen: 93.562 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

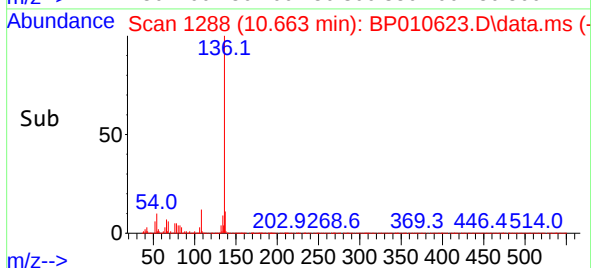
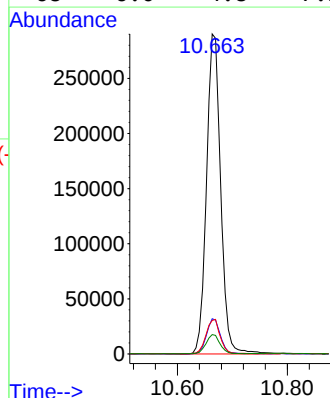
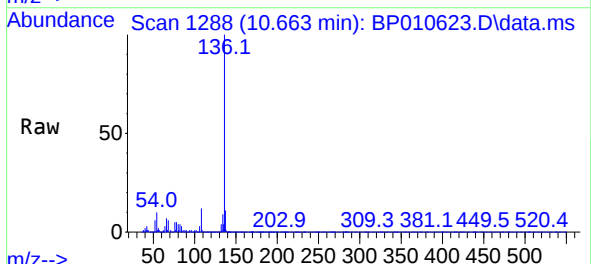
Instrument :
BNA_P
ClientSampleId :
2147

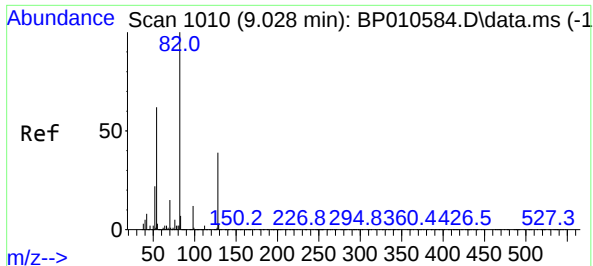
Tgt Ion: 99 Resp: 959217
Ion Ratio Lower Upper
99 100
42 22.9 20.3 30.5
71 38.7 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion: 136 Resp: 518516
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.5 8.7 13.1
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.214 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010623.D

Acq: 29 May 2022 17:28

Instrument :

BNA_P

ClientSampleId :

2147

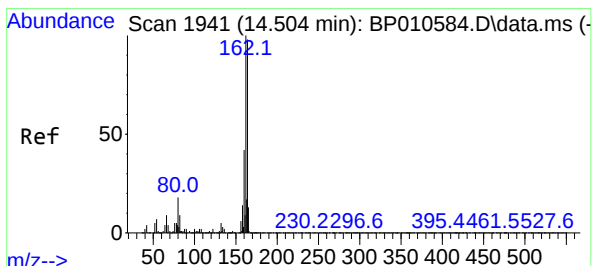
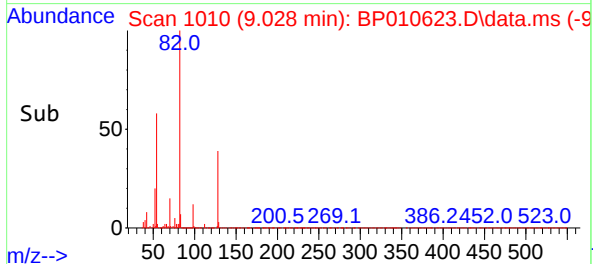
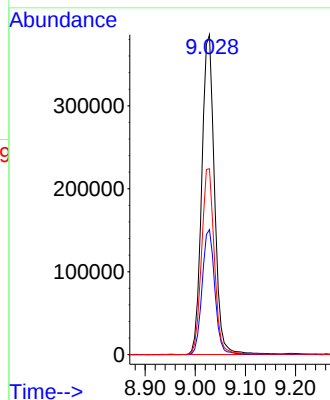
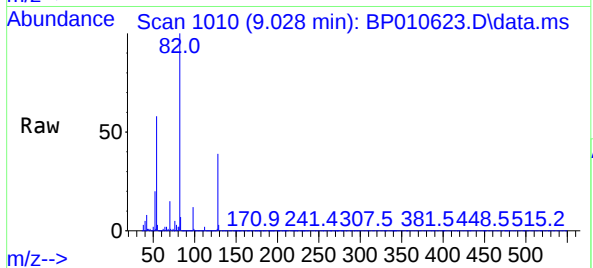
Tgt Ion: 82 Resp: 682321

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 58.1 49.8 74.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BP010623.D

Acq: 29 May 2022 17:28

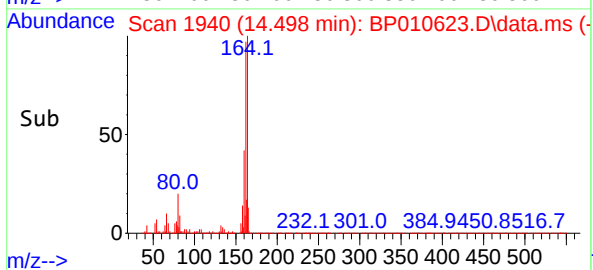
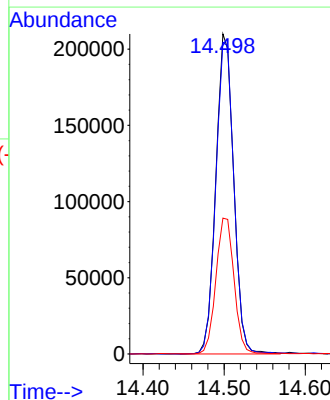
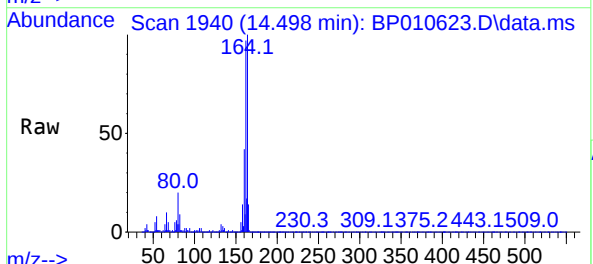
Tgt Ion: 164 Resp: 320285

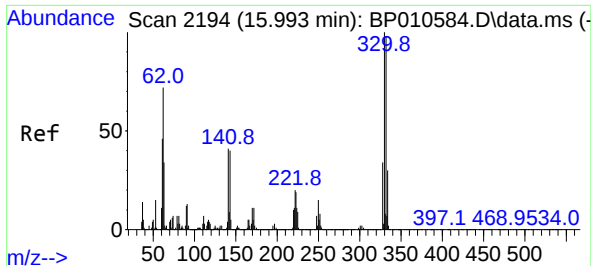
Ion Ratio Lower Upper

164 100

162 97.4 81.9 122.9

160 42.5 34.6 51.8

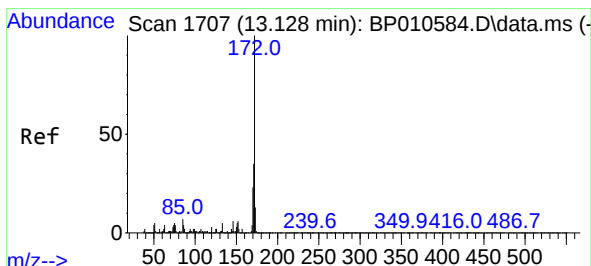
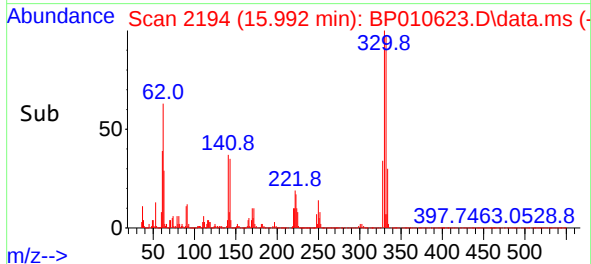
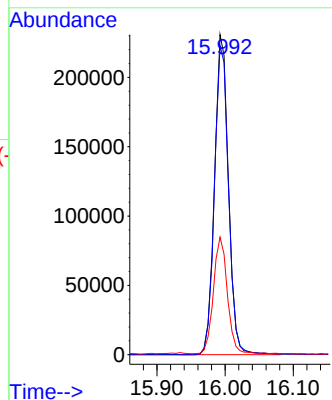
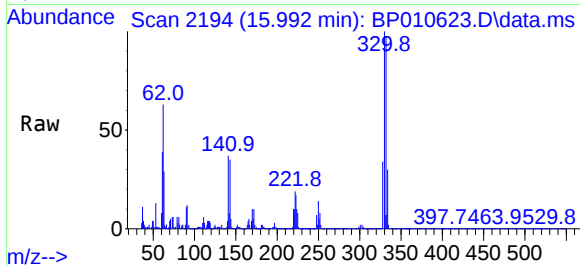




#42
2,4,6-Tribromophenol
Concen: 90.571 ng
RT: 15.992 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

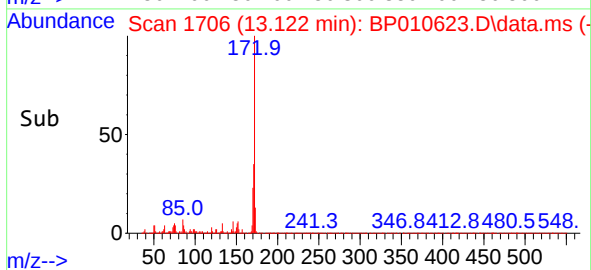
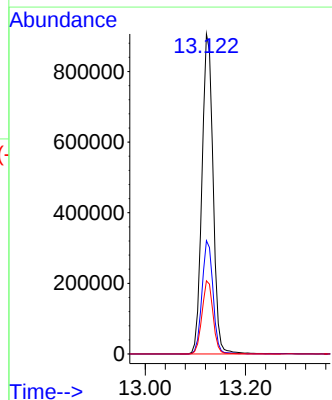
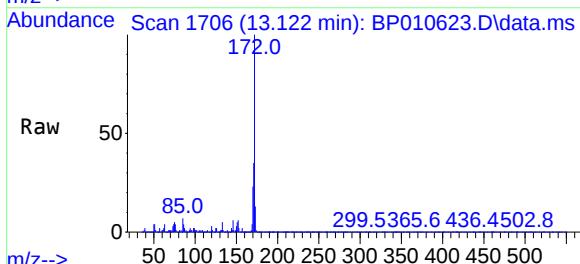
Instrument :
BNA_P
ClientSampleId :
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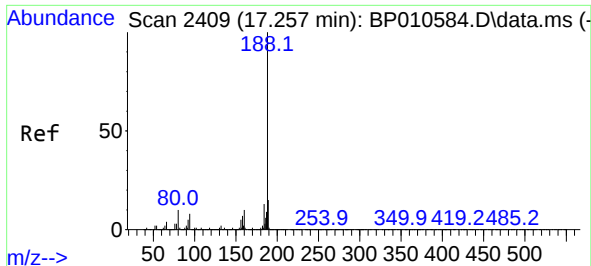
Tgt Ion:330 Resp: 328365
Ion Ratio Lower Upper
330 100
332 97.9 78.1 117.1
141 36.9 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 62.019 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:172 Resp: 1399597
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 22.8 18.2 27.2

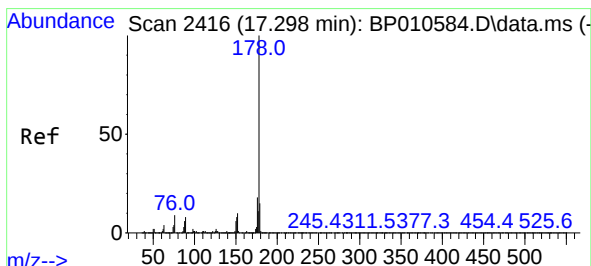
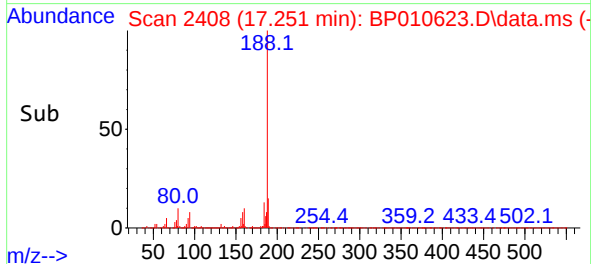
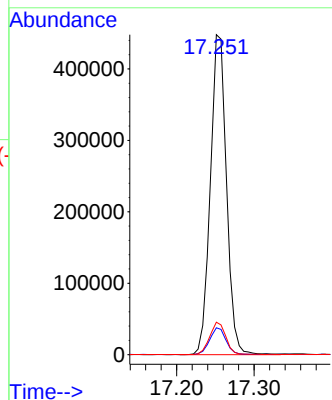
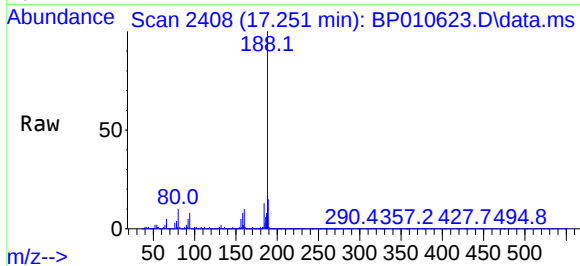




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

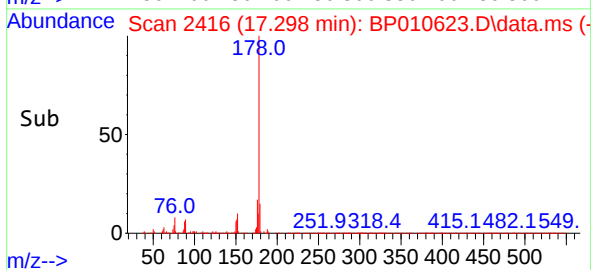
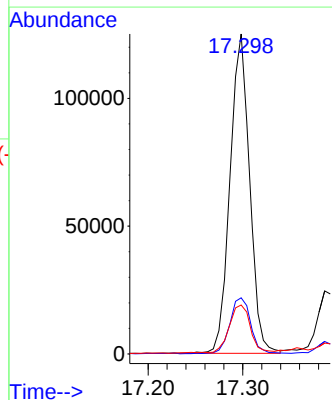
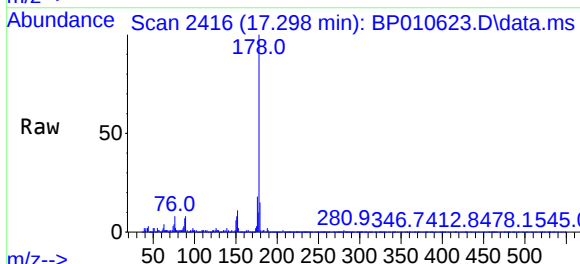
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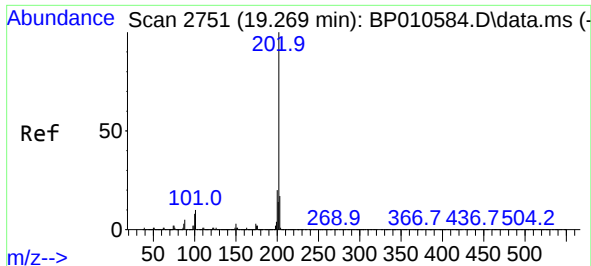
Tgt Ion:188 Resp: 647189
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.2 8.0 12.0



#71
Phenanthrene
Concen: 5.063 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:178 Resp: 179708
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 15.3 12.2 18.2

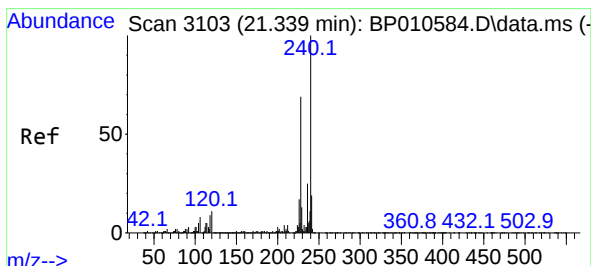
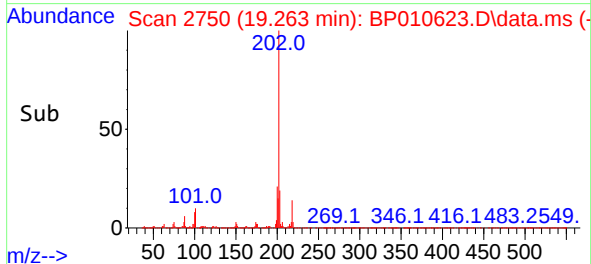
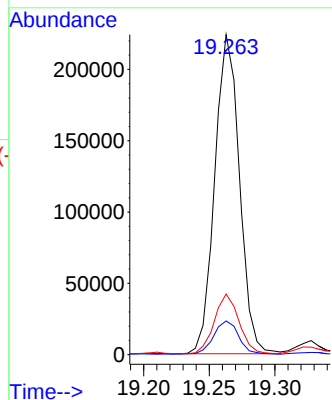
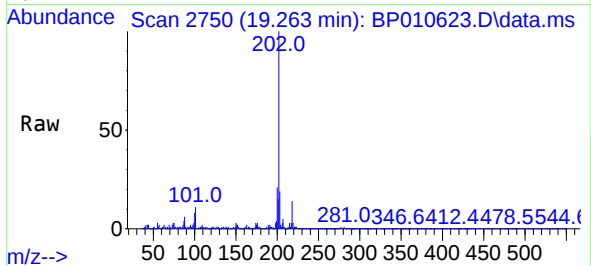




#75
Fluoranthene
Concen: 7.598 ng
RT: 19.263 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

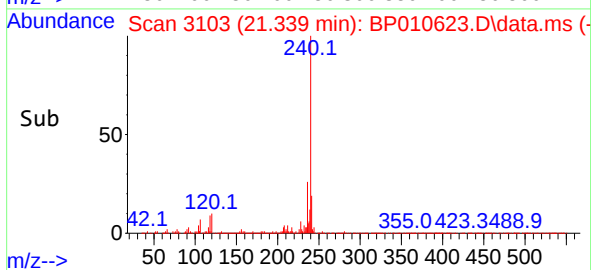
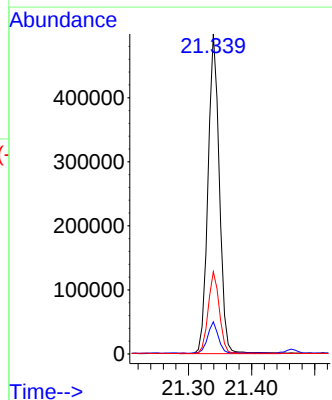
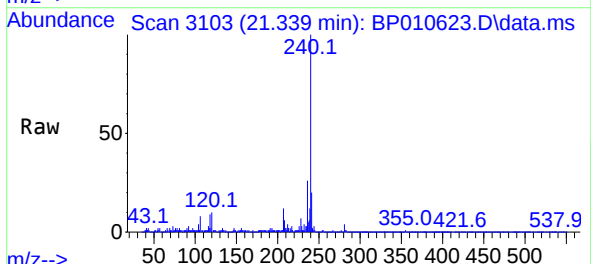
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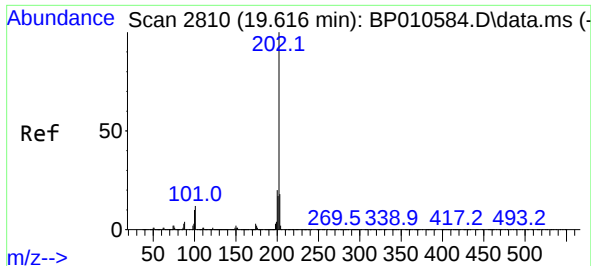
Tgt Ion:	202	Resp:	292886
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.6
203	18.9	0.0	36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:	240	Resp:	625574
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	12.8
236	25.7	19.8	29.6

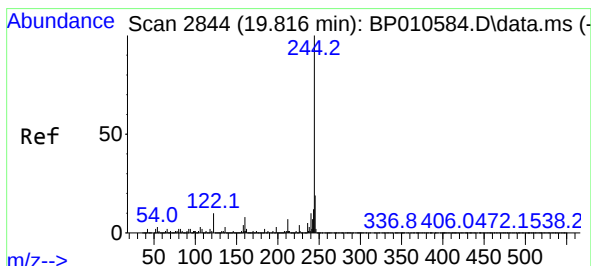
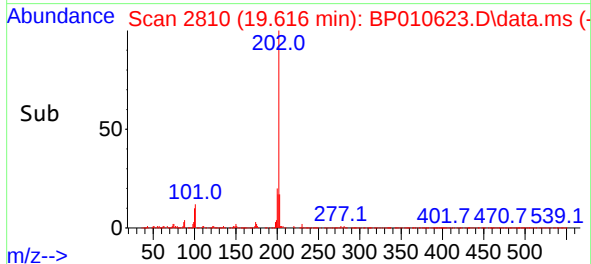
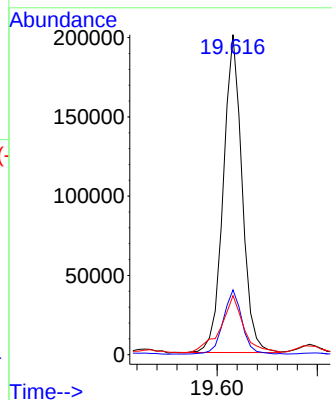
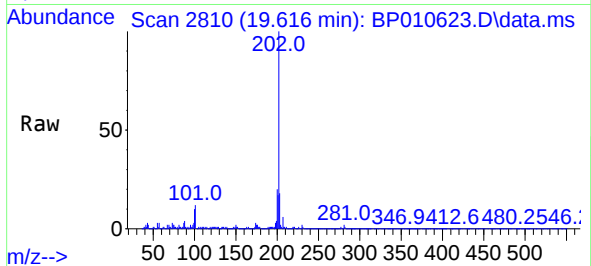




#78
Pyrene
Concen: 5.973 ng
RT: 19.616 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

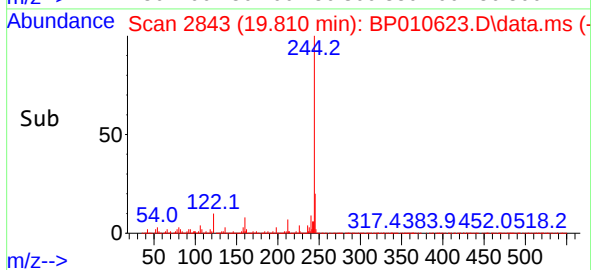
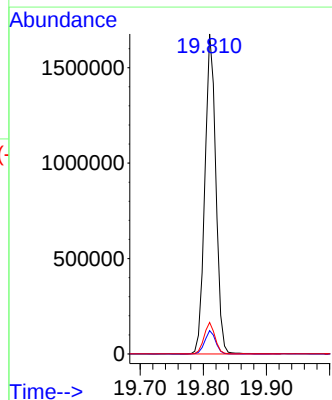
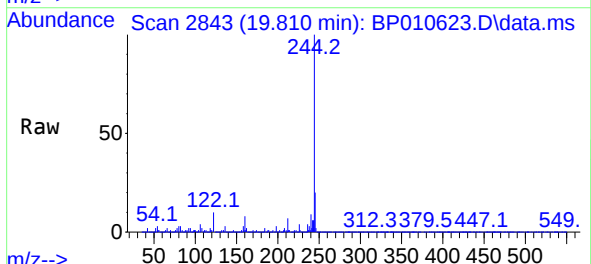
Instrument :
BNA_P
ClientSampleId :
2147

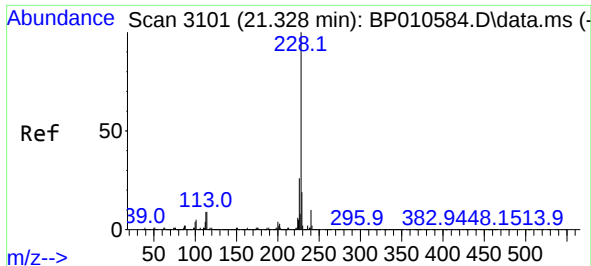
Tgt Ion:	202	Resp:	260410
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	18.5	14.2	21.4



#79
Terphenyl-d14
Concen: 60.835 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:	244	Resp:	2026134
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.8	7.6	11.4

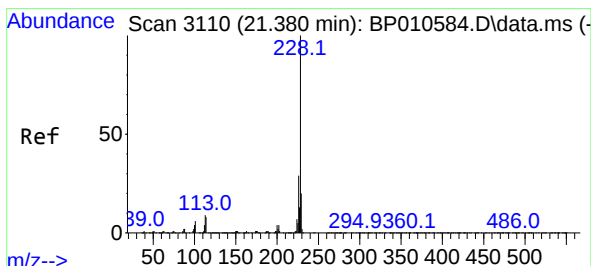
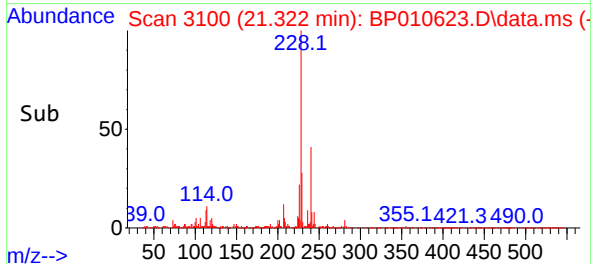
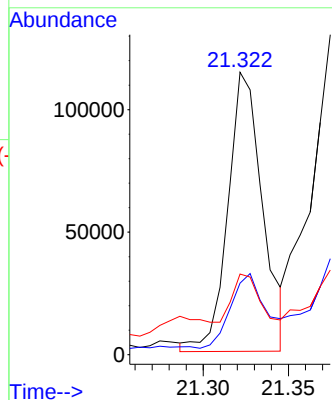
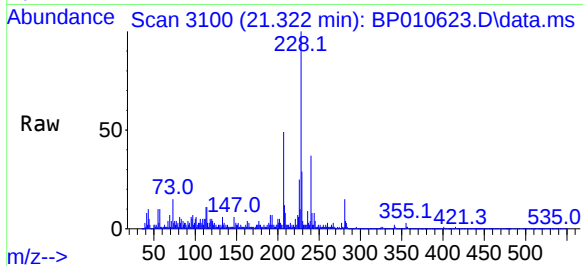




#81
Benzo(a)anthracene
Concen: 3.943 ng
RT: 21.322 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

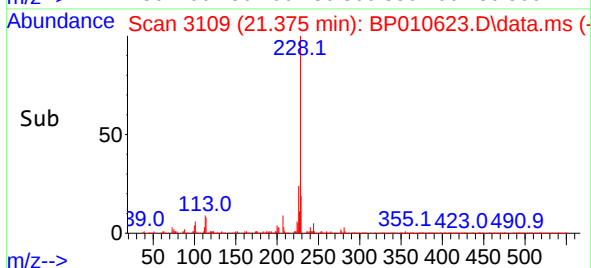
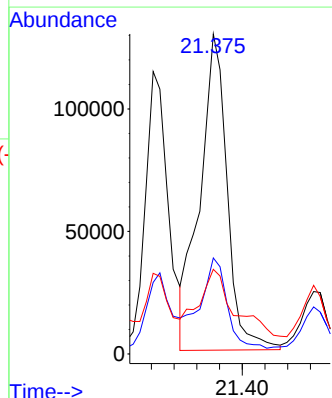
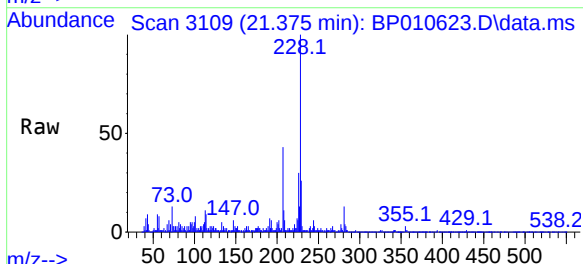
Instrument :
BNA_P
ClientSampleId :
2147

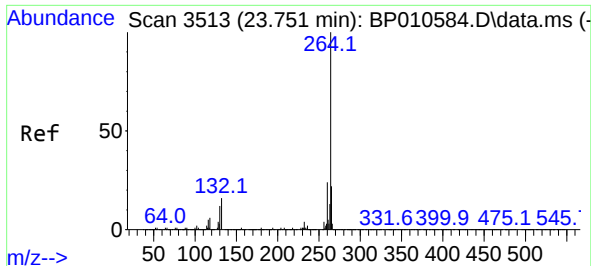
Tgt Ion:228 Resp: 161829
Ion Ratio Lower Upper
228 100
226 25.3 20.8 31.2
229 28.5 15.2 22.8#



#83
Chrysene
Concen: 5.369 ng
RT: 21.375 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:228 Resp: 216166
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 26.4 15.7 23.5#



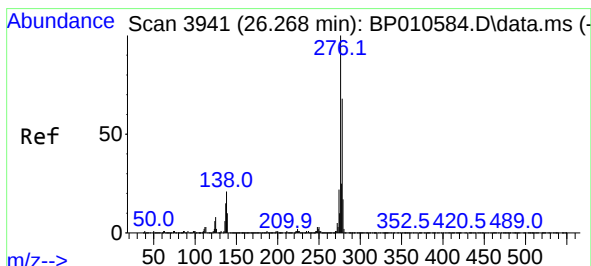
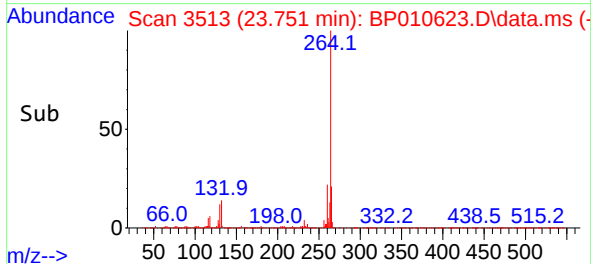
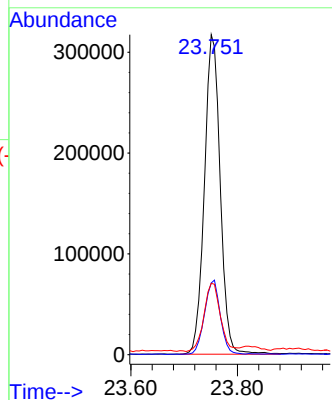
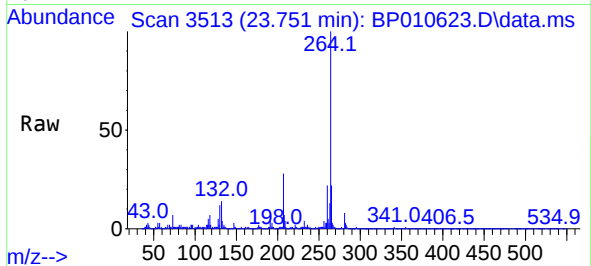


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Instrument :
BNA_P
ClientSampleId :
2147

Tgt Ion:264 Resp: 651424

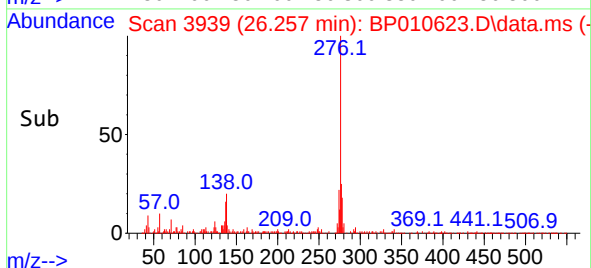
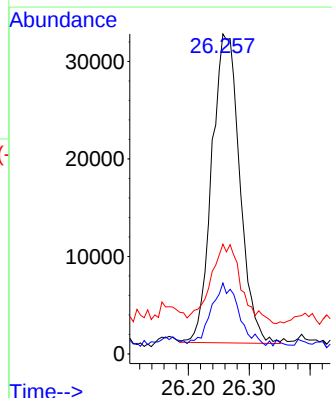
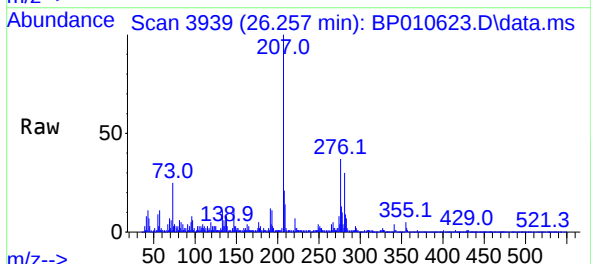
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.3	28.9
265	22.3	18.0	27.0

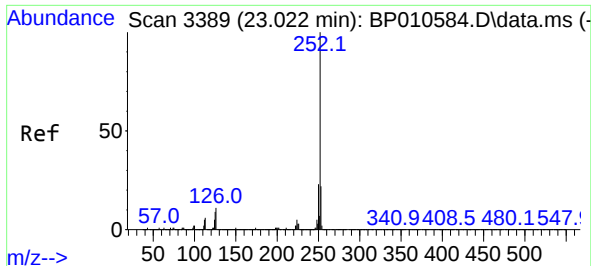


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.120 ng
RT: 26.257 min Scan# 3939
Delta R.T. -0.012 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

Tgt Ion:276 Resp: 100662

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.5	26.3
277	28.6	20.2	30.4

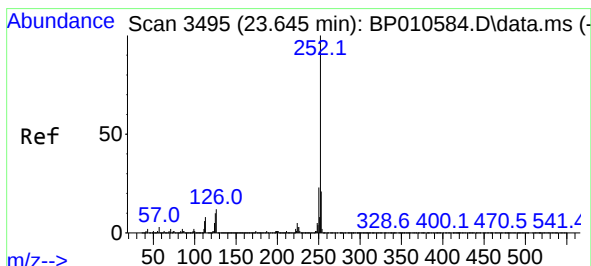
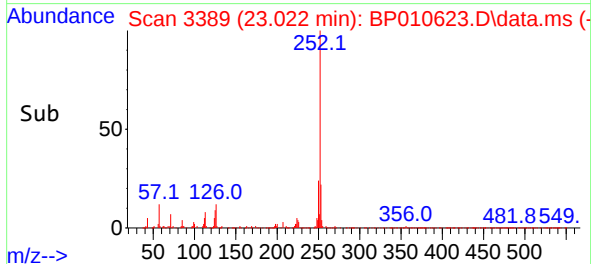
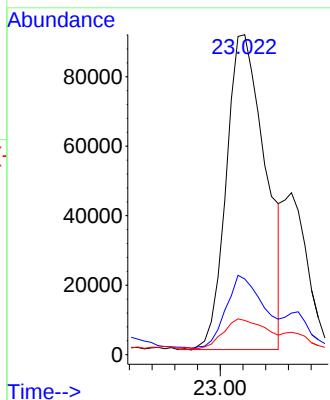
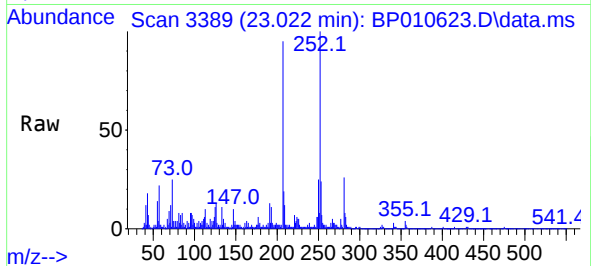




#88
Benzo(b)fluoranthene
Concen: 5.298 ng
RT: 23.022 min Scan# 311
Delta R.T. -0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

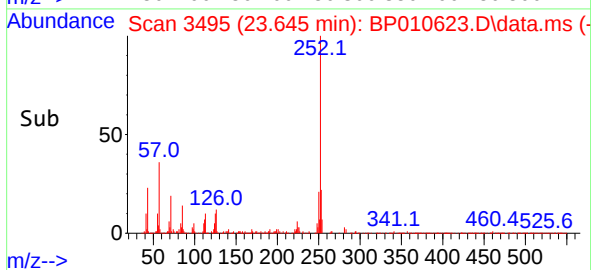
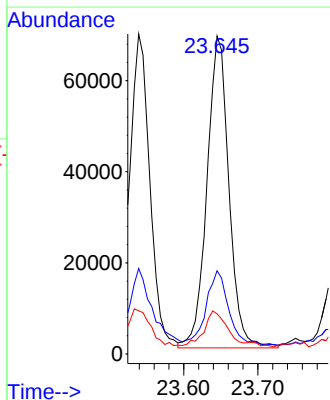
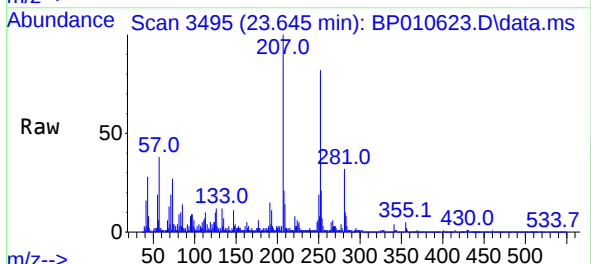
Instrument :
BNA_P
ClientSampleId :
2147

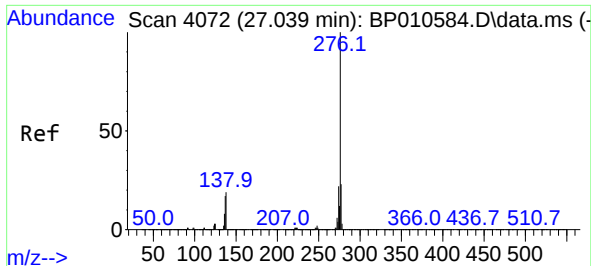
Tgt Ion:252 Resp: 217281
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 10.7 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 4.163 ng
RT: 23.645 min Scan# 3495
Delta R.T. -0.000 min
Lab File: BP010623.D
Acq: 29 May 2022 17:28

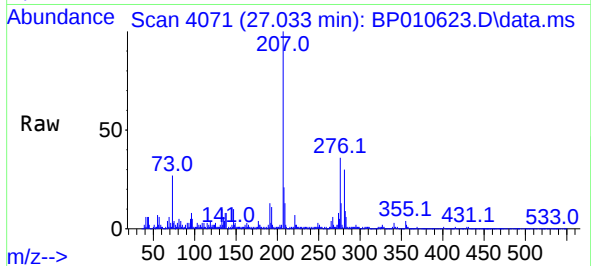
Tgt Ion:252 Resp: 141245
Ion Ratio Lower Upper
252 100
253 26.2 17.0 25.6#
125 12.7 7.9 11.9#





#92
 Benzo(g,h,i)perylene
 Concen: 2.854 ng
 RT: 27.033 min Scan# 4071
 Delta R.T. -0.006 min
 Lab File: BP010623.D
 Acq: 29 May 2022 17:28

Instrument :
 BNA_P
 ClientSampleId :
 2147



Tgt Ion:276 Resp: 112702
 Ion Ratio Lower Upper
 276 100
 277 35.1 18.7 28.1#
 138 21.7 15.2 22.8

