

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030822\
 Data File : BP009309.D
 Acq On : 08 Mar 2022 17:44
 Operator : CG/JU
 Sample : N1825-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUM-29

Quant Time: Mar 09 03:01:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

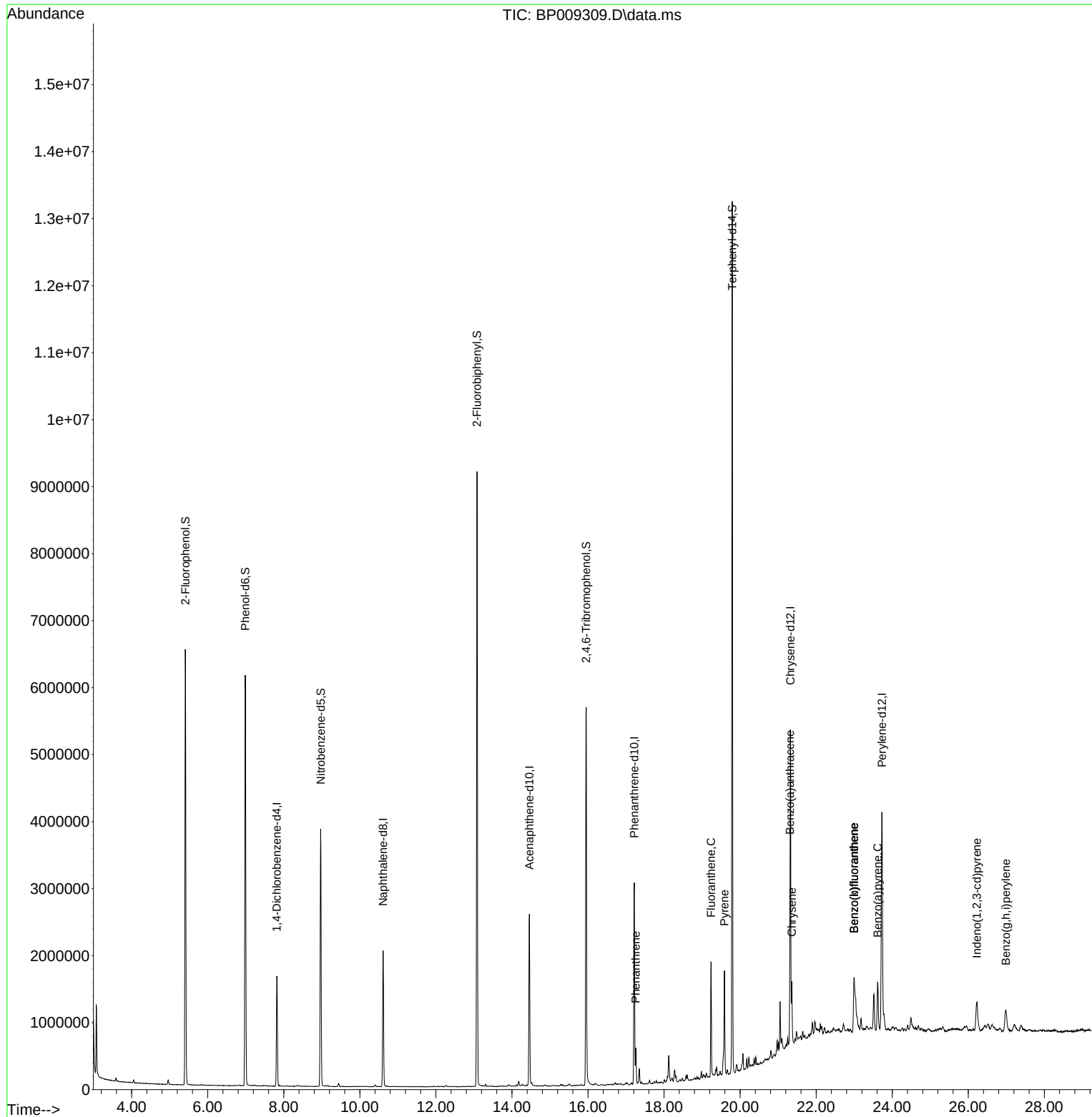
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	490785	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1822749	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	999787	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1904839	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2088639	20.000	ng	0.00
86) Perylene-d12	23.727	264	2548860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	3131574	93.139	ng	0.00
7) Phenol-d6	6.987	99	3850417	90.116	ng	0.00
23) Nitrobenzene-d5	8.969	82	2416741	73.028	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1247112	103.302	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	5027272	69.150	ng	0.00
79) Terphenyl-d14	19.792	244	6610634	59.728	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	333453	3.046	ng	100
75) Fluoranthene	19.234	202	1011238	8.003	ng	100
78) Pyrene	19.586	202	927239	6.575	ng	99
81) Benzo(a)anthracene	21.310	228	547080	3.864	ng	97
83) Chrysene	21.357	228	569217	4.141	ng	98
87) Indeno(1,2,3-cd)pyrene	26.221	276	450733	2.276	ng	95
88) Benzo(b)fluoranthene	22.998	252	1111573	6.459	ng	99
89) Benzo(k)fluoranthene	22.998	252	1111573	6.761	ng	99
90) Benzo(a)pyrene	23.616	252	602296	3.690	ng	98
92) Benzo(g,h,i)perylene	26.986	276	460427	2.775	ng	98

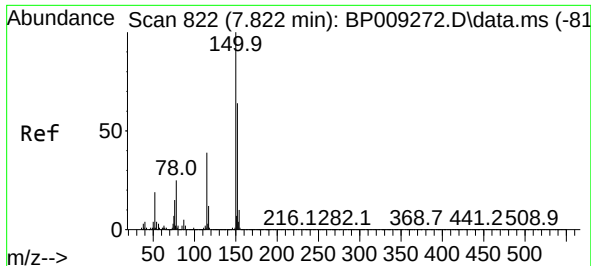
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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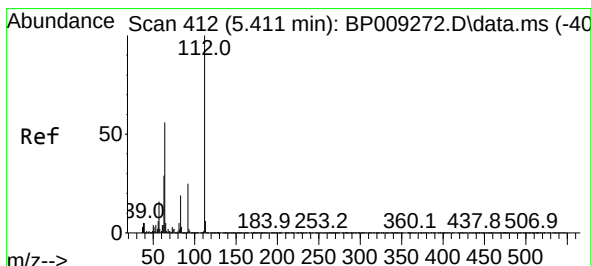
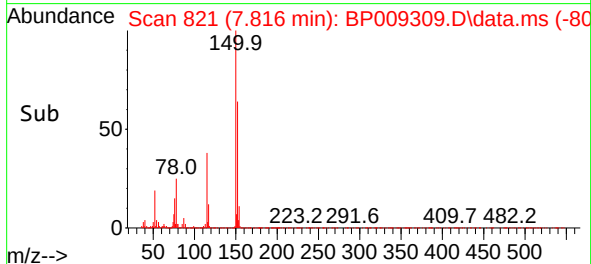
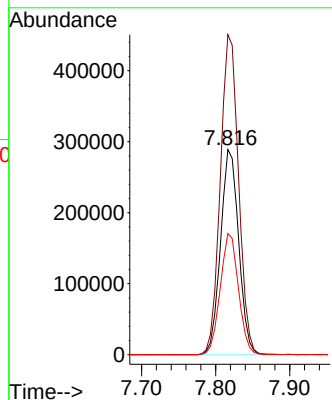
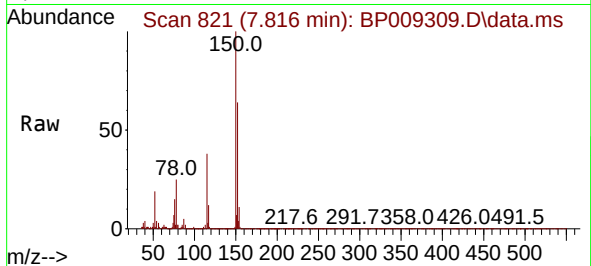




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

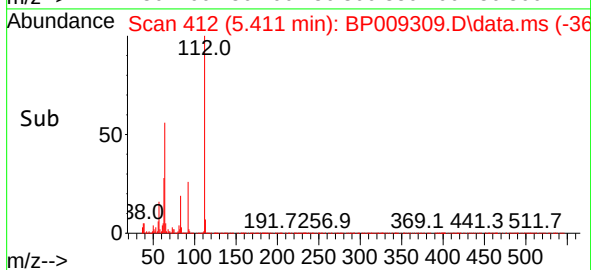
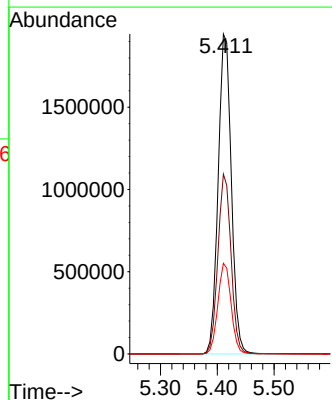
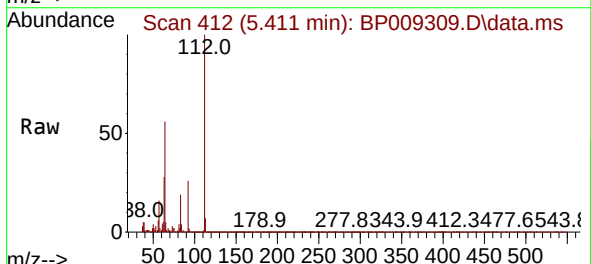
Instrument :
BNA_P
ClientSampleId :
DUM-29

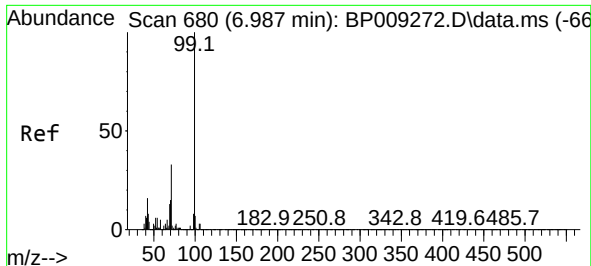
Tgt Ion:152 Resp: 490785
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 59.1 48.2 72.4



#5
2-Fluorophenol
Concen: 93.139 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:112 Resp: 3131574
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 28.4 23.0 34.6

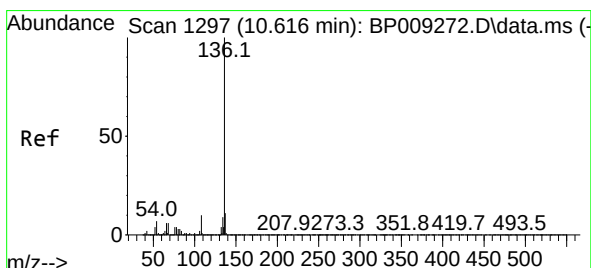
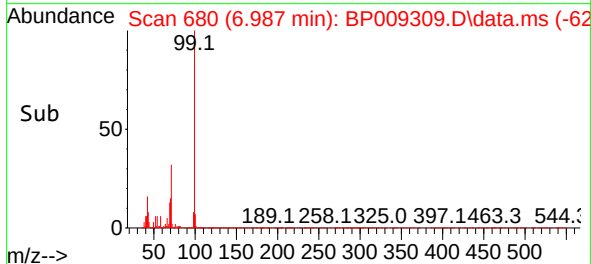
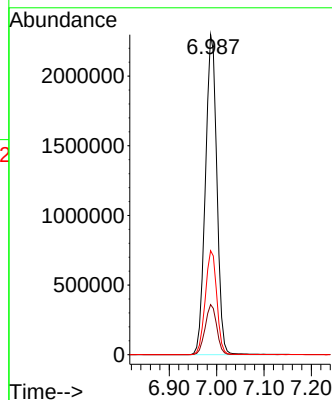
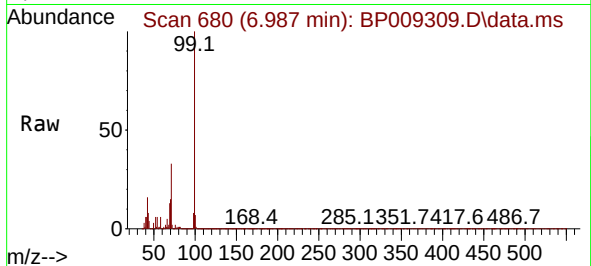




#7
Phenol-d6
Concen: 90.116 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

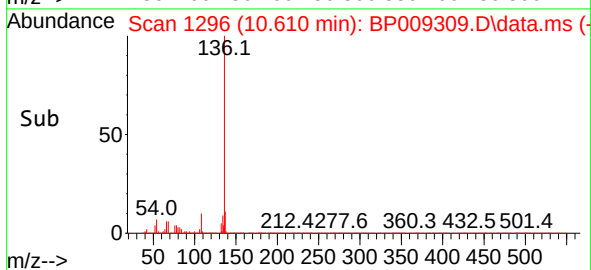
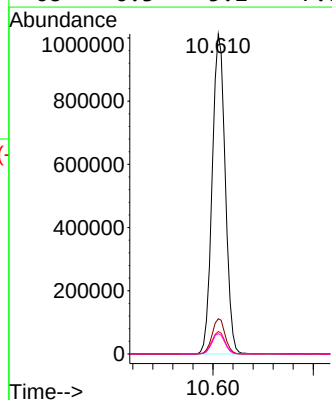
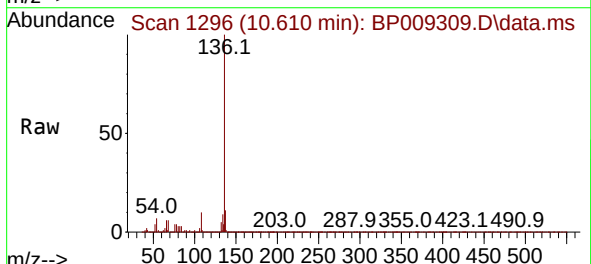
Instrument :
BNA_P
ClientSampleId :
DUM-29

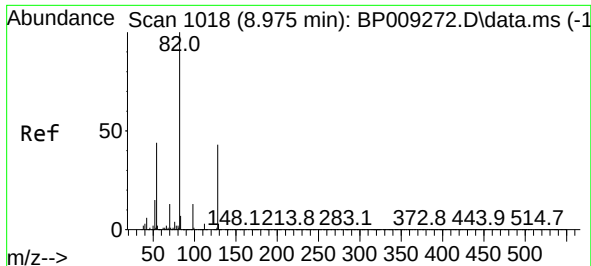
Tgt Ion: 99 Resp: 3850417
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion: 136 Resp: 1822749
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8

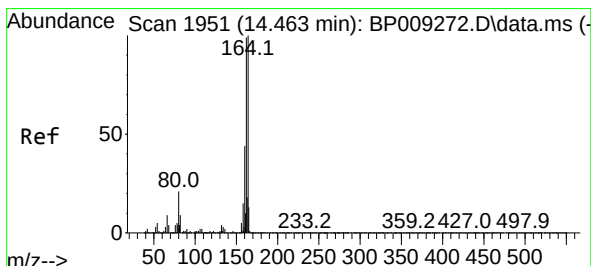
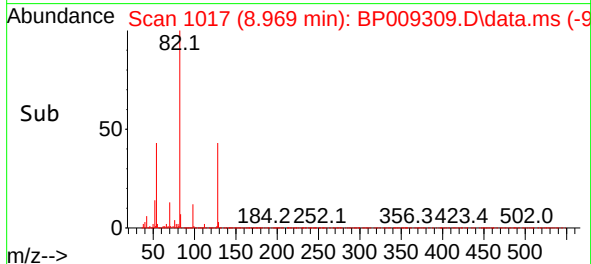
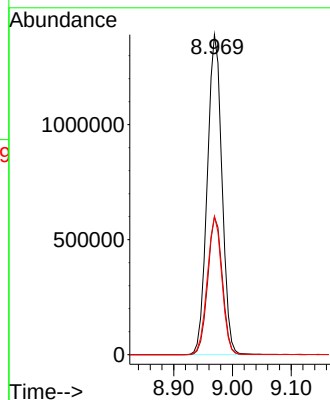
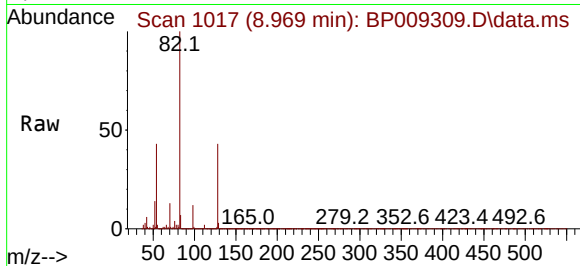




#23
Nitrobenzene-d5
Concen: 73.028 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

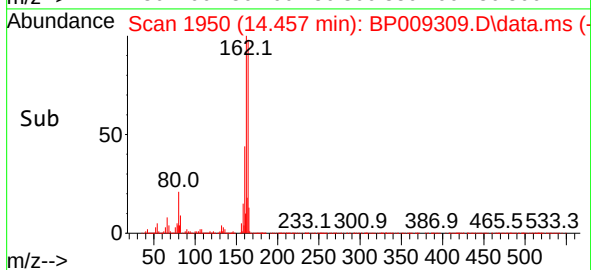
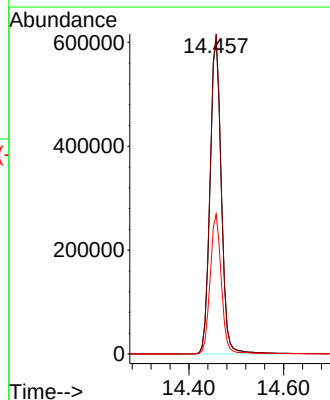
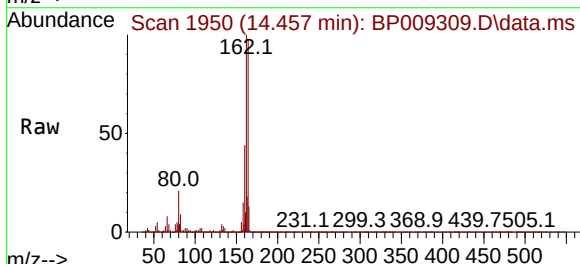
Instrument :
BNA_P
ClientSampleId :
DUM-29

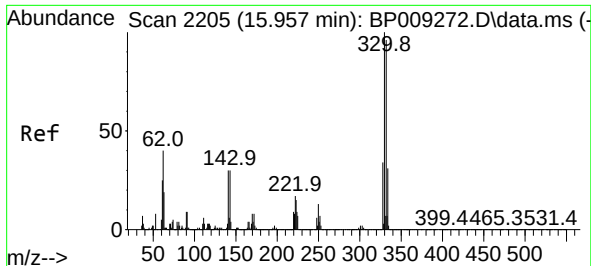
Tgt Ion: 82 Resp: 2416741
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 43.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:164 Resp: 999787
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.4 34.9 52.3

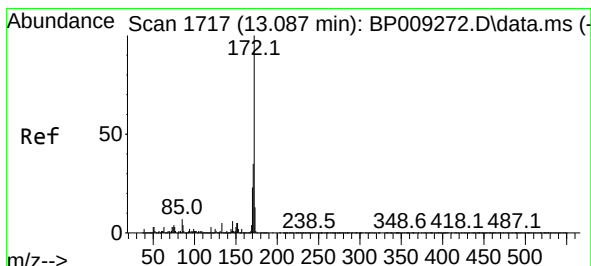
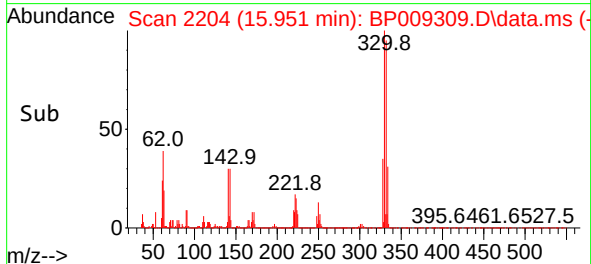
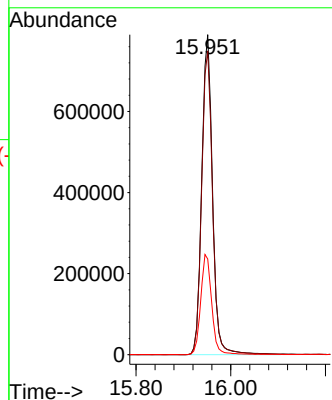
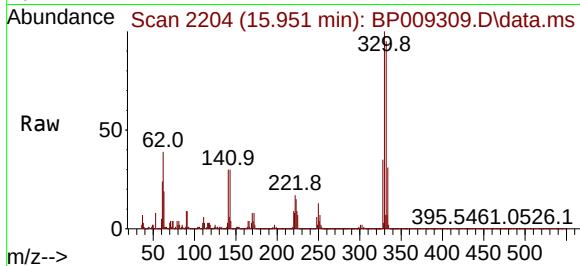




#42
2,4,6-Tribromophenol
Concen: 103.302 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

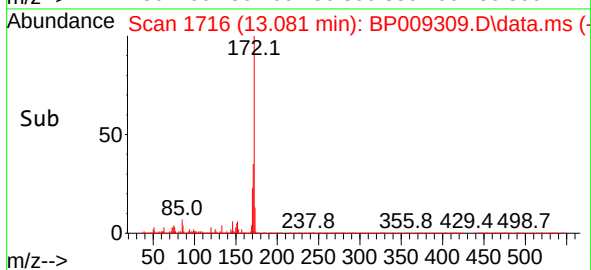
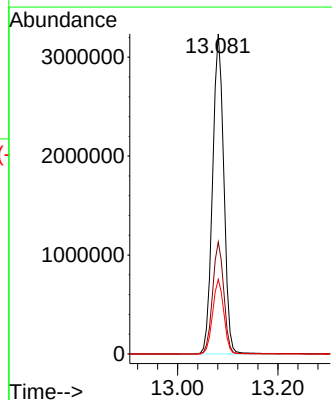
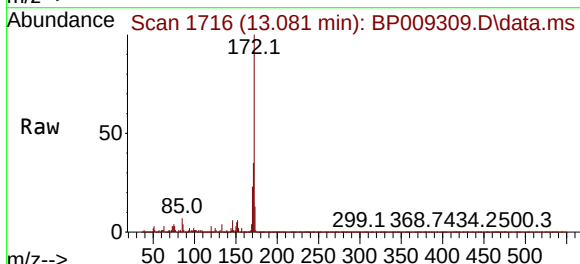
Instrument :
BNA_P
ClientSampleId :
DUM-29

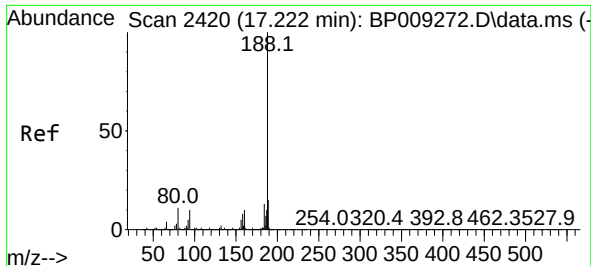
Tgt Ion:330 Resp: 1247112
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 31.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 69.150 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:172 Resp: 5027272
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.3 18.6 27.8

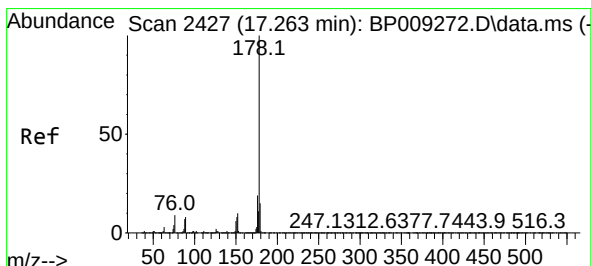
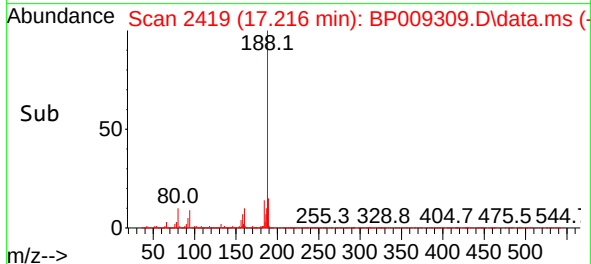
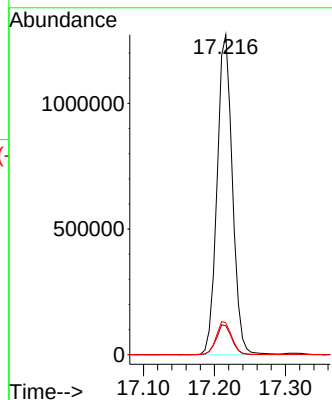
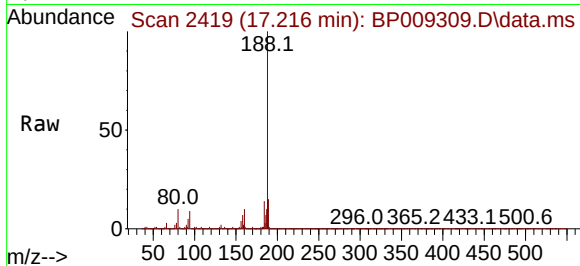




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

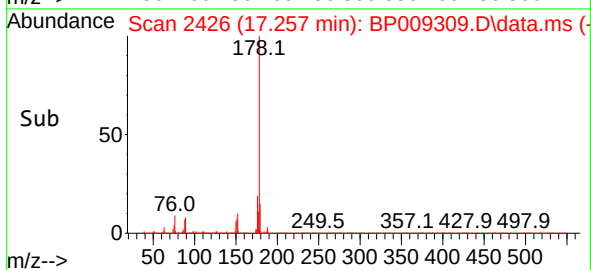
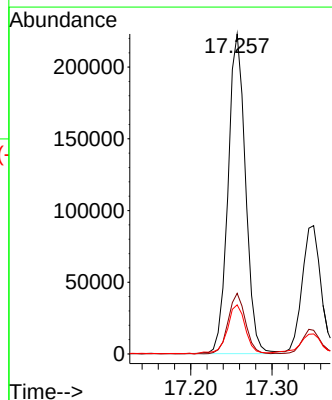
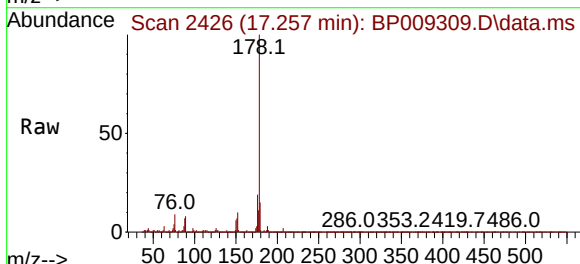
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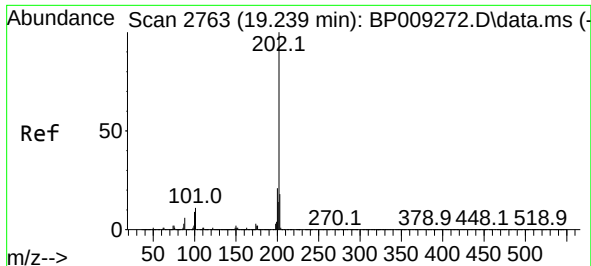
Tgt Ion:188 Resp: 1904839
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.0 8.8 13.2



#71
Phenanthrene
Concen: 3.046 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:178 Resp: 333453
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.3 18.5

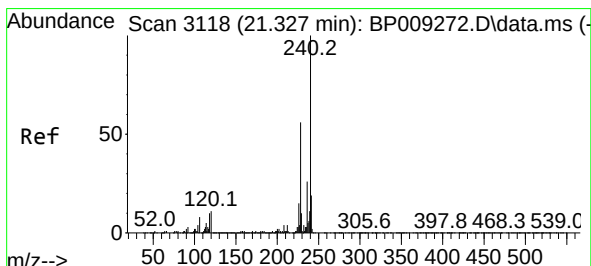
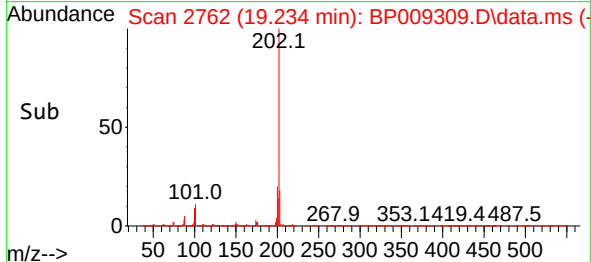
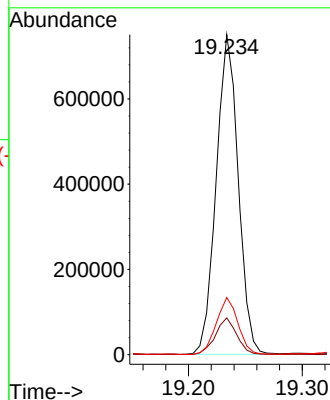
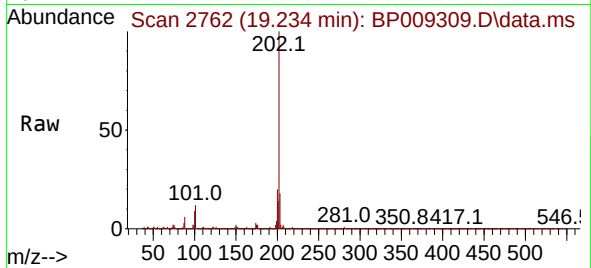




#75
Fluoranthene
Concen: 8.003 ng
RT: 19.234 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

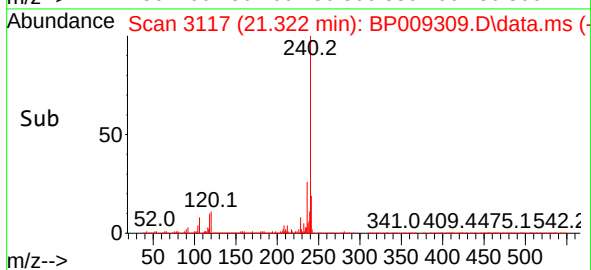
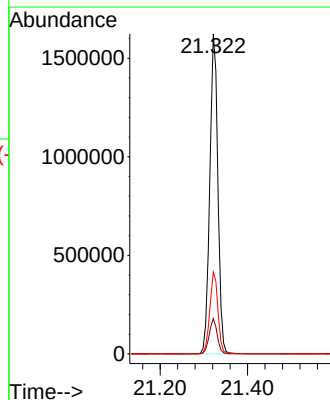
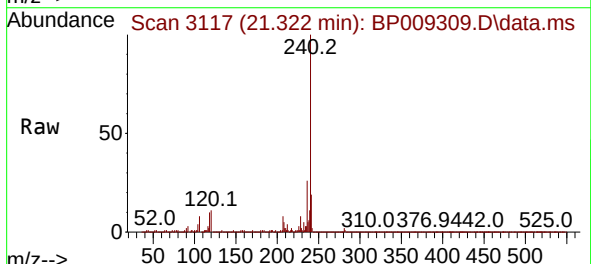
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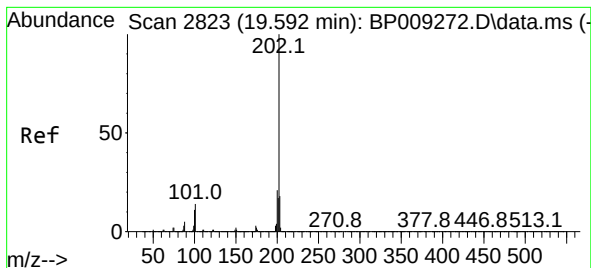
Tgt Ion:202 Resp: 1011238
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.5
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:240 Resp: 2088639
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.6 20.6 30.8





#78

Pyrene

Concen: 6.575 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP009309.D

Acq: 08 Mar 2022 17:44

Instrument :

BNA_P

ClientSampleId :

DUM-29

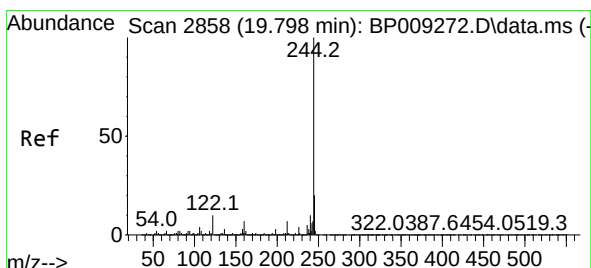
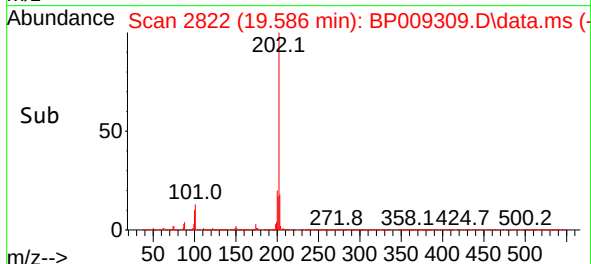
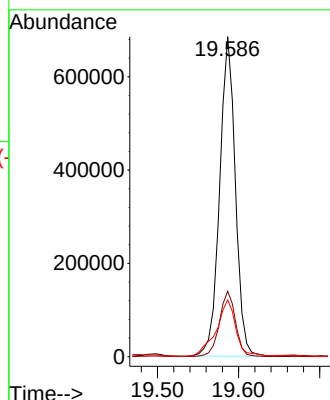
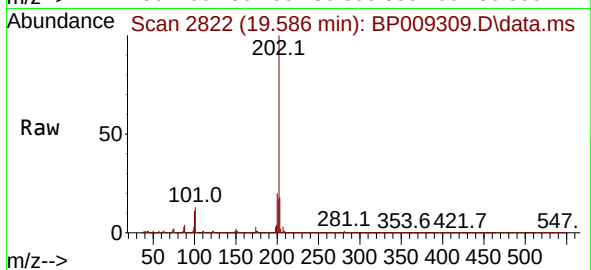
Tgt Ion:202 Resp: 927239

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

203 17.8 14.2 21.4



#79

Terphenyl-d14

Concen: 59.728 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP009309.D

Acq: 08 Mar 2022 17:44

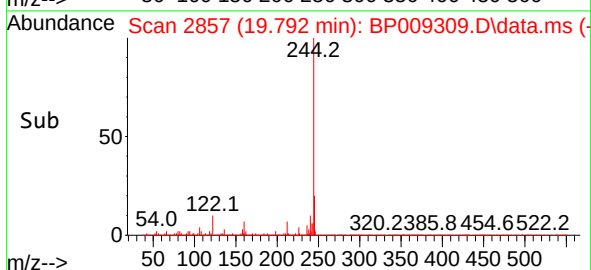
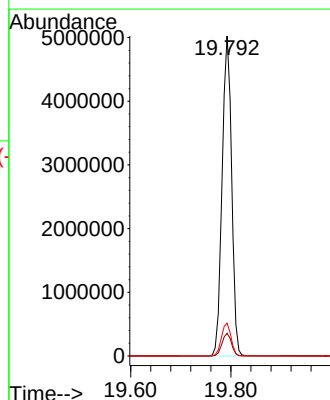
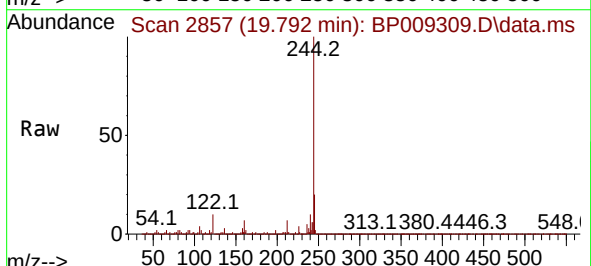
Tgt Ion:244 Resp: 6610634

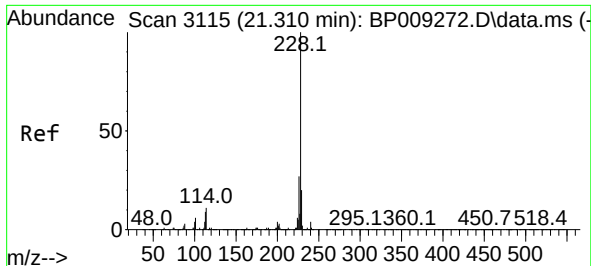
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.3 8.3 12.5

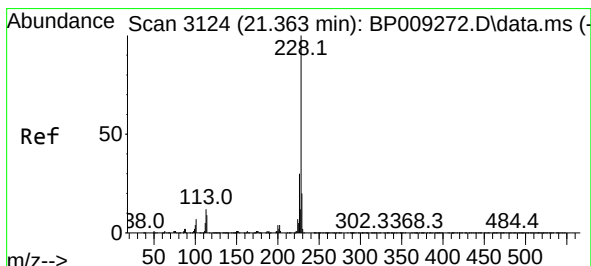
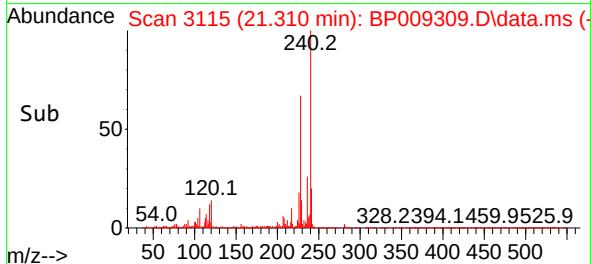
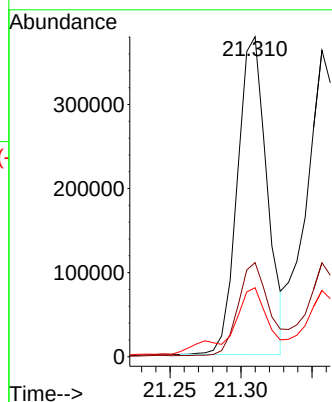
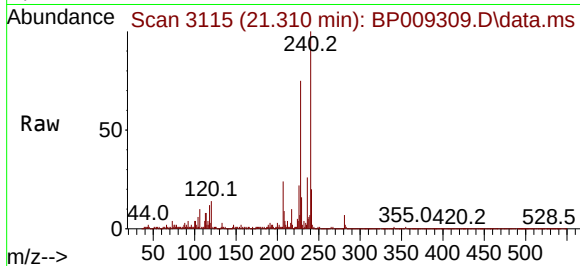




#81
Benzo(a)anthracene
Concen: 3.864 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

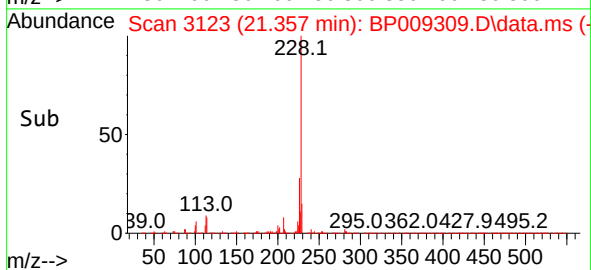
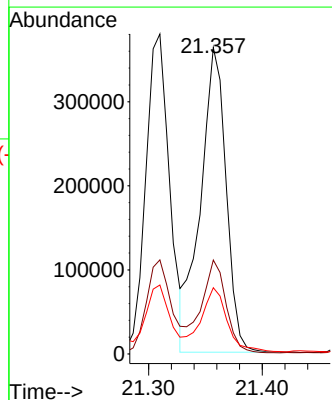
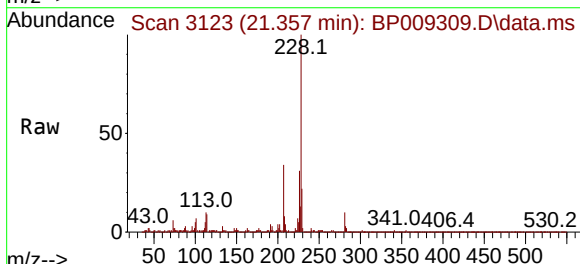
Instrument :
BNA_P
ClientSampleId :
DUM-29

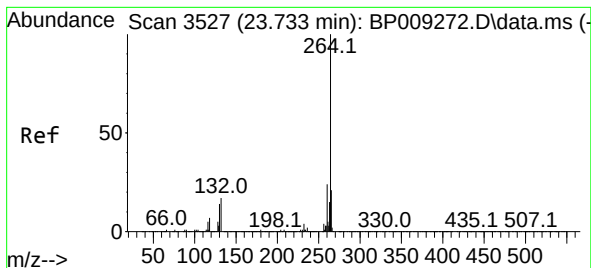
Tgt Ion:228 Resp: 547080
Ion Ratio Lower Upper
228 100
226 29.4 22.0 33.0
229 21.6 16.1 24.1



#83
Chrysene
Concen: 4.141 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:228 Resp: 569217
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 21.6 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009309.D

Acq: 08 Mar 2022 17:44

Instrument :

BNA_P

ClientSampleId :

DUM-29

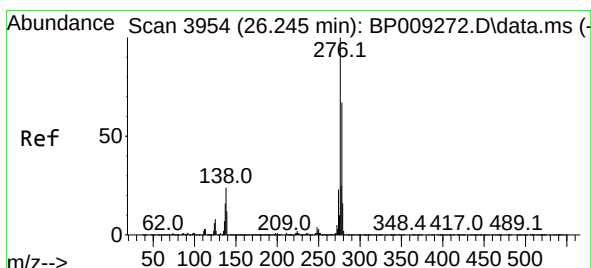
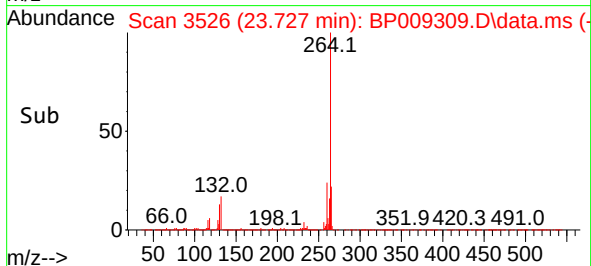
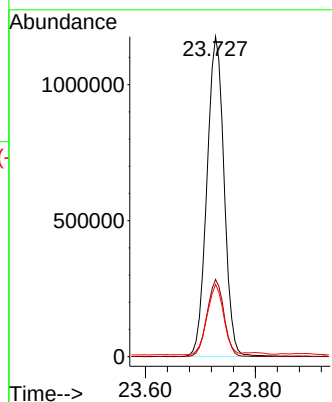
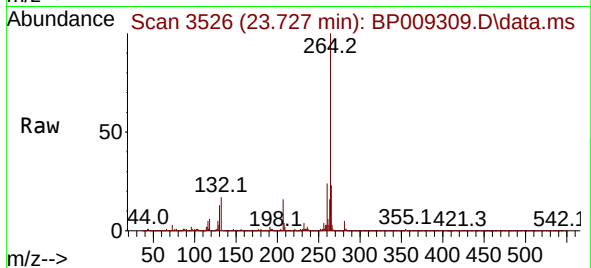
Tgt Ion:264 Resp: 2548860

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.6 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.276 ng

RT: 26.221 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP009309.D

Acq: 08 Mar 2022 17:44

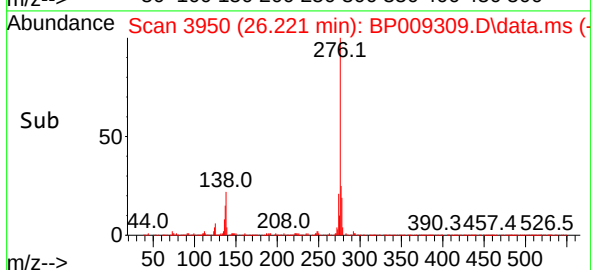
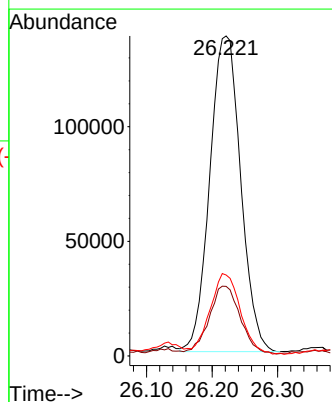
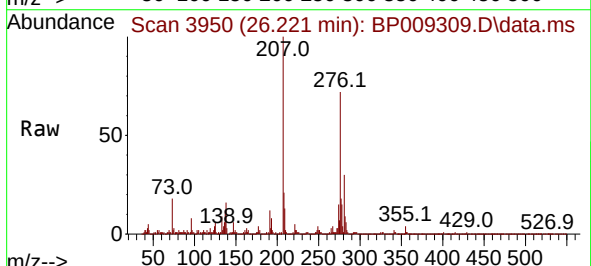
Tgt Ion:276 Resp: 450733

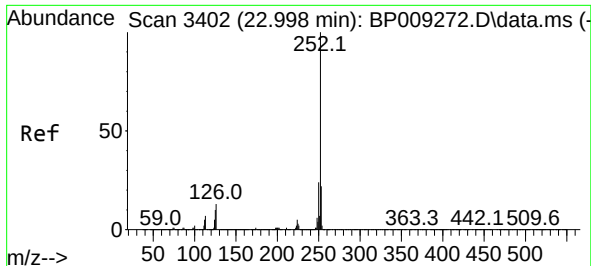
Ion Ratio Lower Upper

276 100

138 21.7 20.5 30.7

277 24.5 20.4 30.6

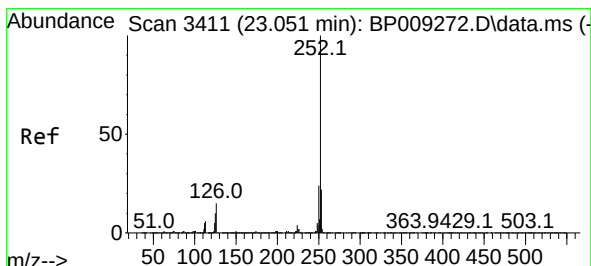
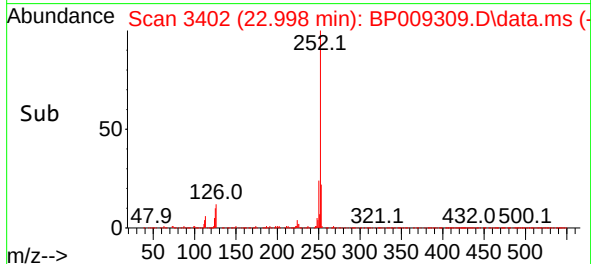
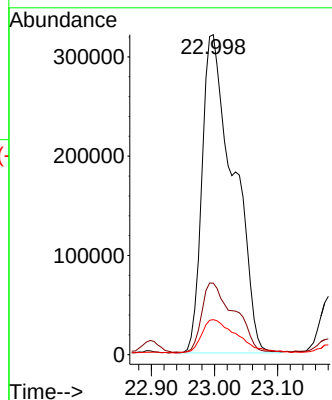
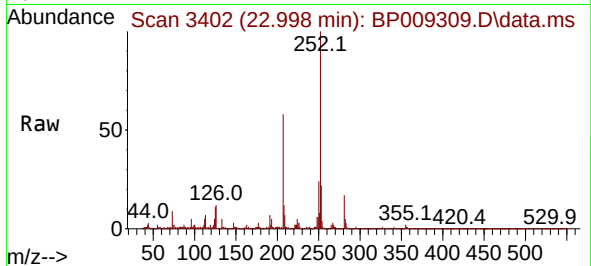




#88
Benzo(b)fluoranthene
Concen: 6.459 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

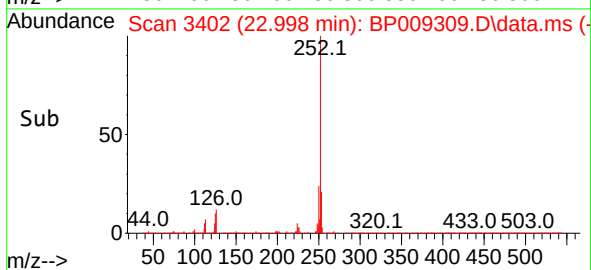
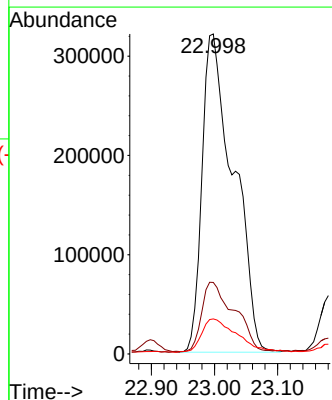
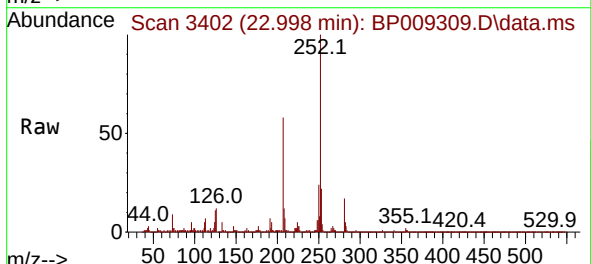
Instrument :
BNA_P
ClientSampleId :
DUM-29

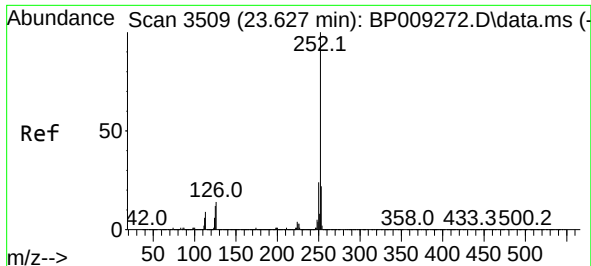
Tgt Ion:252 Resp: 1111573
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 6.761 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.053 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:252 Resp: 1111573
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.0 8.3 12.5

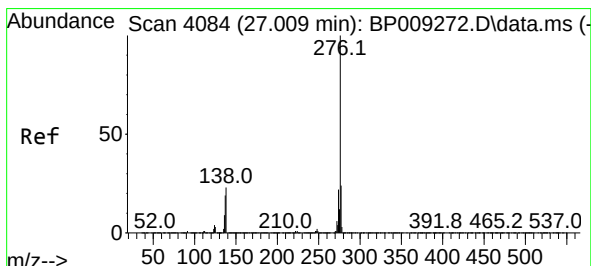
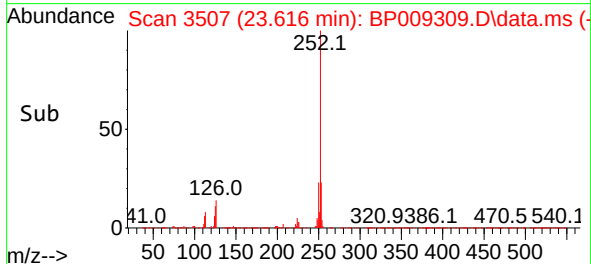
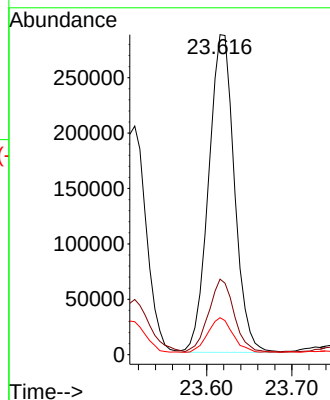
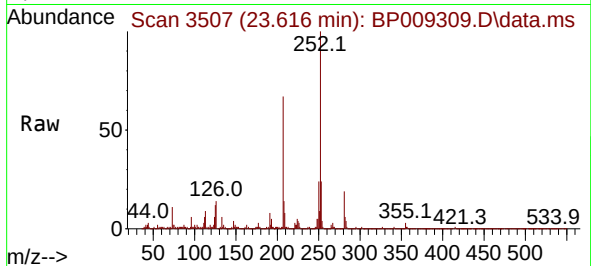




#90
Benzo(a)pyrene
Concen: 3.690 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.012 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Instrument :
BNA_P
ClientSampleId :
DUM-29

Tgt Ion:252 Resp: 602296
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 11.5 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 2.775 ng
RT: 26.986 min Scan# 4080
Delta R.T. -0.023 min
Lab File: BP009309.D
Acq: 08 Mar 2022 17:44

Tgt Ion:276 Resp: 460427
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 20.4 18.0 27.0

