

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009333.D
 Acq On : 09 Mar 2022 20:24
 Operator : CG/JU
 Sample : N1851-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUM-38

Quant Time: Mar 10 04:11:49 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)

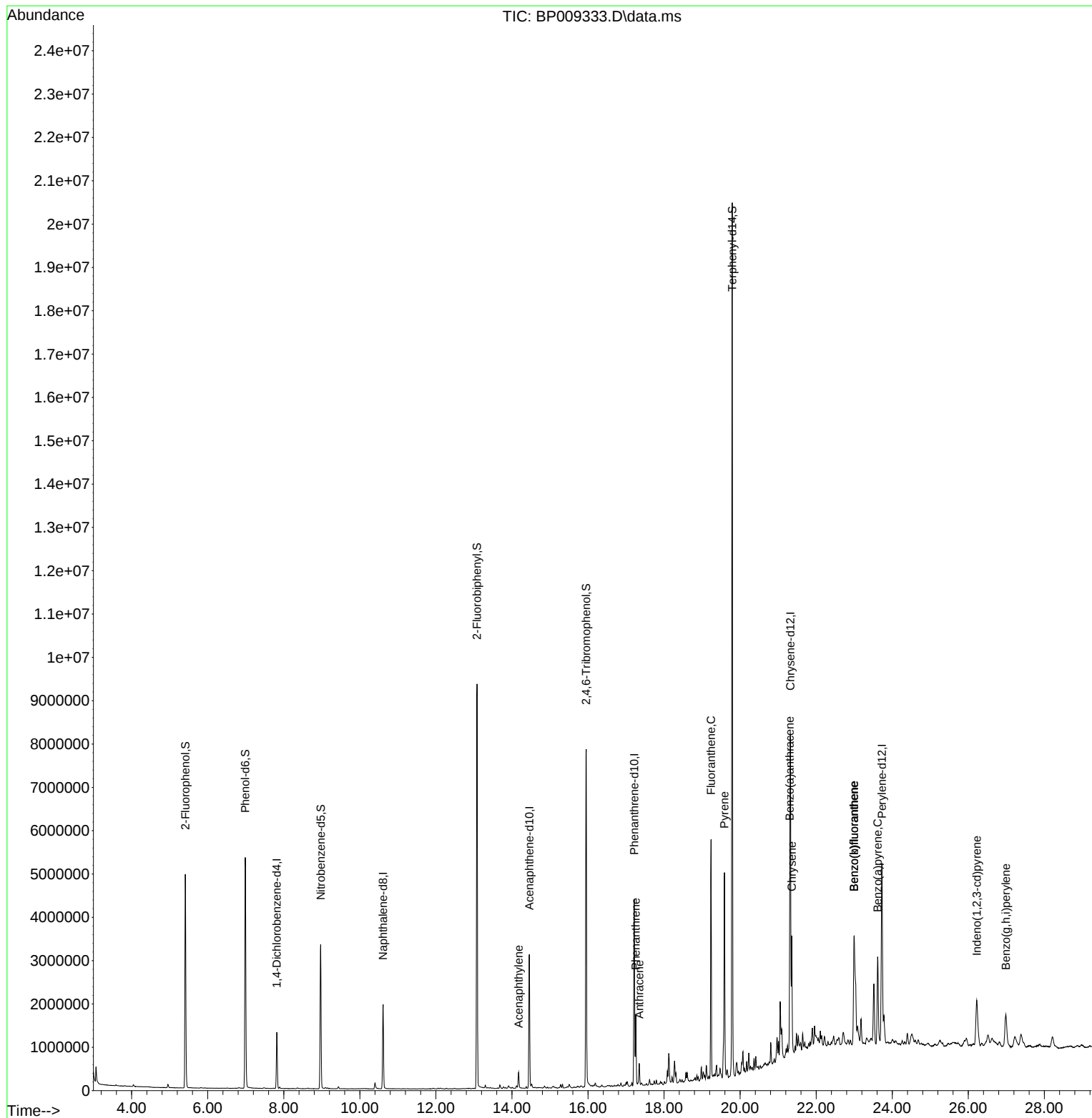
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	390945	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1767057	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1215080	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2825706	20.000	ng	0.00
76) Chrysene-d12	21.322	240	3261443	20.000	ng	0.00
86) Perylene-d12	23.727	264	3302427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	2498923	93.303	ng	0.00
7) Phenol-d6	6.987	99	3470802	101.976	ng	0.00
23) Nitrobenzene-d5	8.969	82	2136476	66.593	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1716076	116.961	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	5333770	60.367	ng	0.00
79) Terphenyl-d14	19.792	244	10117589	58.542	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.175	152	298457	2.571	ng	100
71) Phenanthrene	17.257	178	1070809	6.594	ng	99
72) Anthracene	17.345	178	328364	2.031	ng	99
75) Fluoranthene	19.233	202	3301211	17.612	ng	99
78) Pyrene	19.586	202	2928950	13.301	ng	100
81) Benzo(a)anthracene	21.304	228	1715706	7.761	ng	98
83) Chrysene	21.357	228	1630580	7.597	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	1120593	4.367	ng	94
88) Benzo(b)fluoranthene	22.998	252	3245460	14.555	ng	100
89) Benzo(k)fluoranthene	22.998	252	3245460	15.236	ng	99
90) Benzo(a)pyrene	23.616	252	1624611	7.682	ng	99
92) Benzo(g,h,i)perylene	26.986	276	1078585	5.018	ng	97

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

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Quant Time: Mar 10 04:11:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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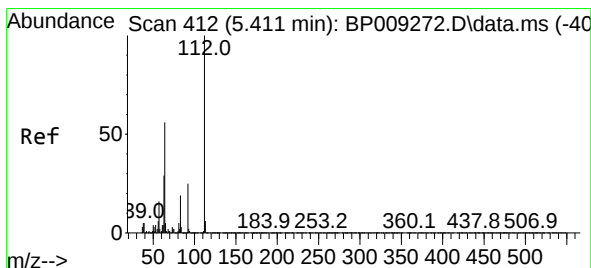
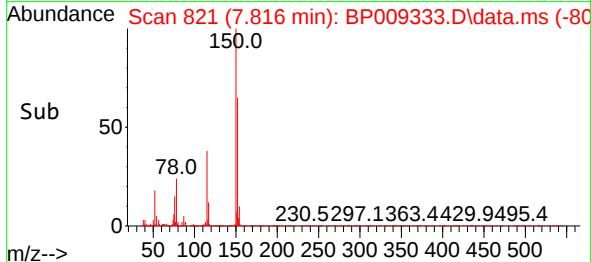
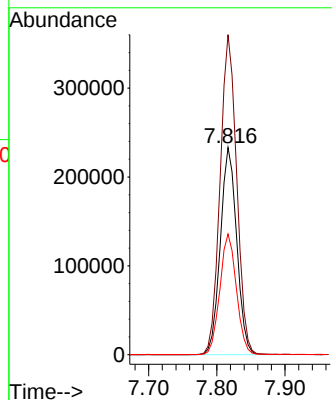
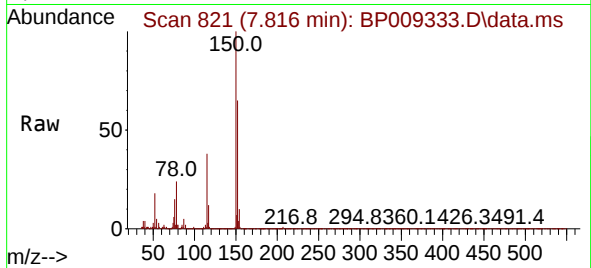




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

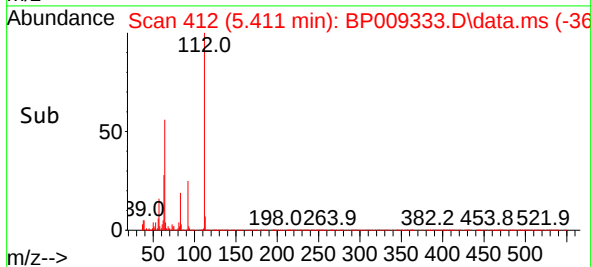
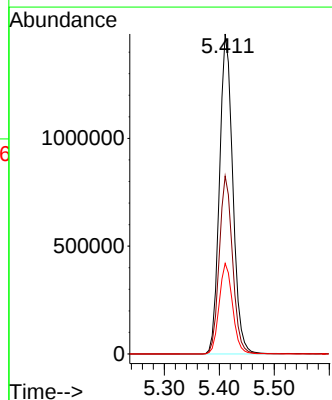
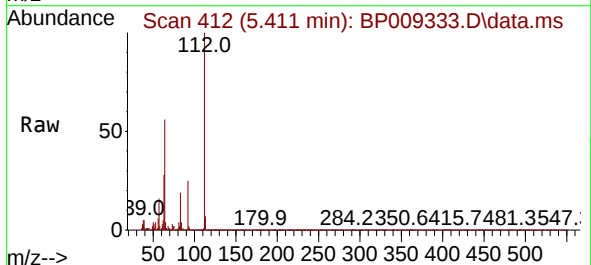
Instrument :
BNA_P
ClientSampleId :
DUM-38

Tgt Ion:152 Resp: 390945
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 93.303 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:112 Resp: 2498923
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 28.3 23.0 34.6



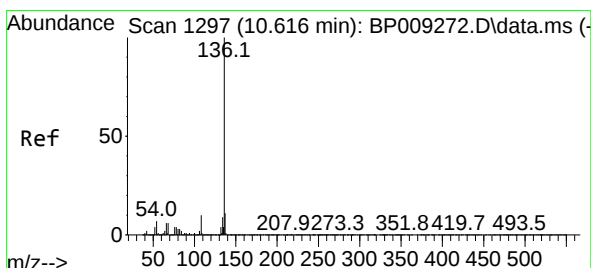
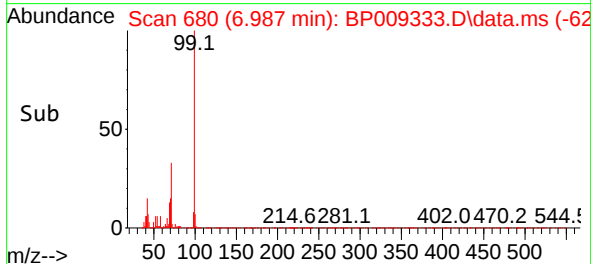
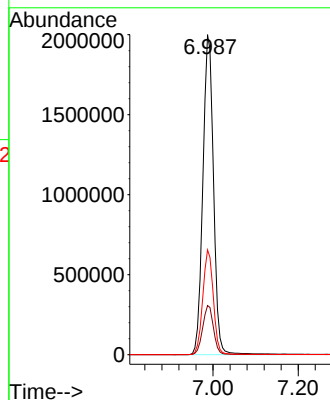
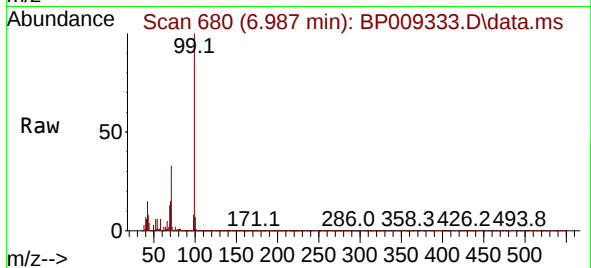


#7
Phenol-d6
Concen: 101.976 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Instrument :
BNA_P
ClientSampleId :
DUM-38

Tgt Ion: 99 Resp: 3470802

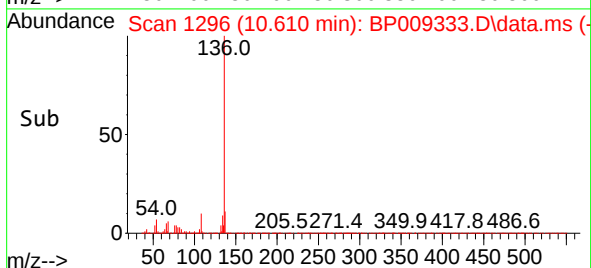
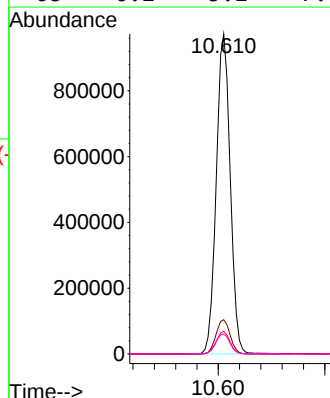
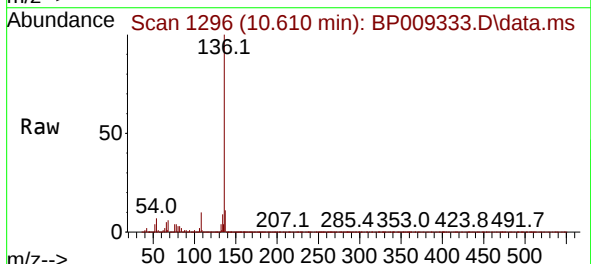
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	32.7	26.3	39.5

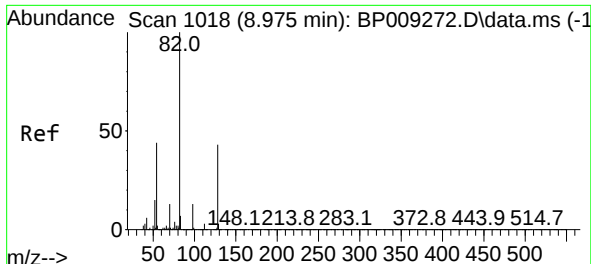


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion: 136 Resp: 1767057

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.1	5.8	8.8
68	6.2	5.2	7.8

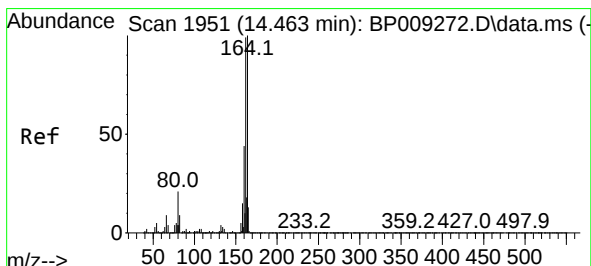
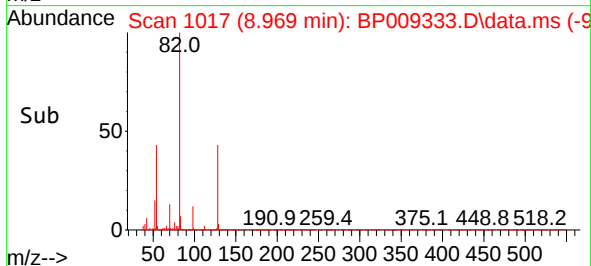
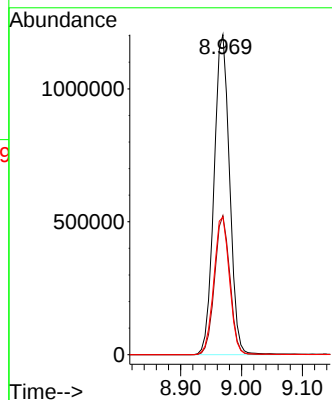
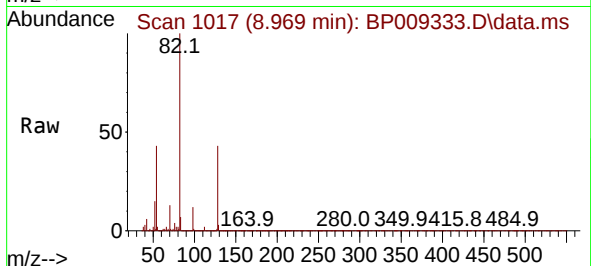




#23
Nitrobenzene-d5
Concen: 66.593 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

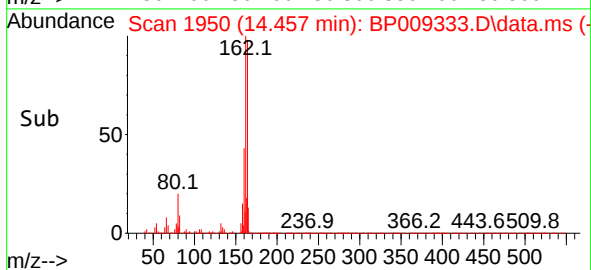
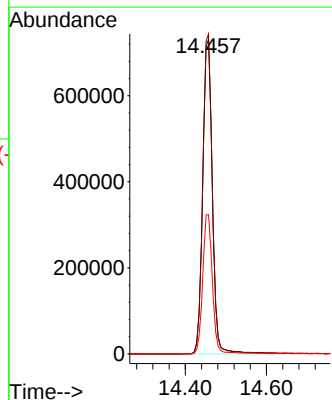
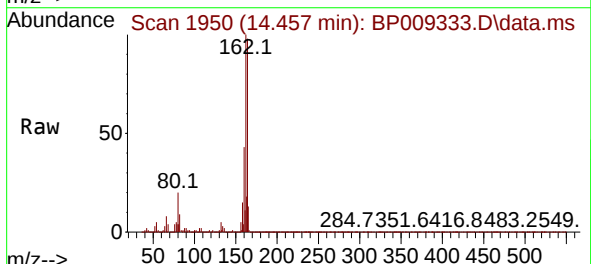
Instrument :
BNA_P
ClientSampleId :
DUM-38

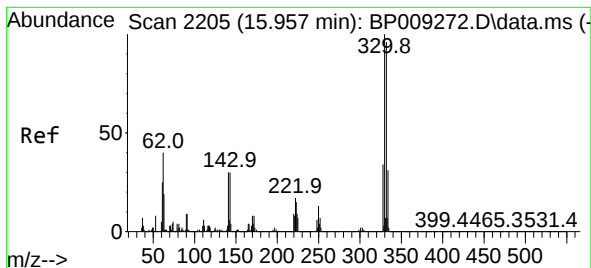
Tgt Ion: 82 Resp: 2136476
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:164 Resp: 1215080
Ion Ratio Lower Upper
164 100
162 101.8 79.1 118.7
160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 116.961 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

Instrument :

BNA_P

ClientSampleId :

DUM-38

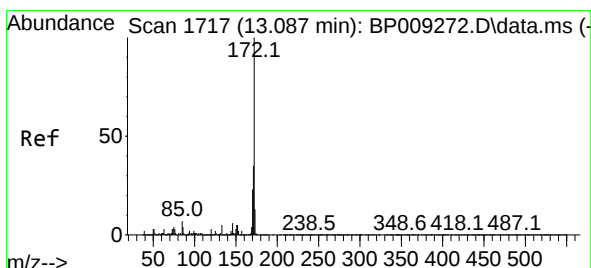
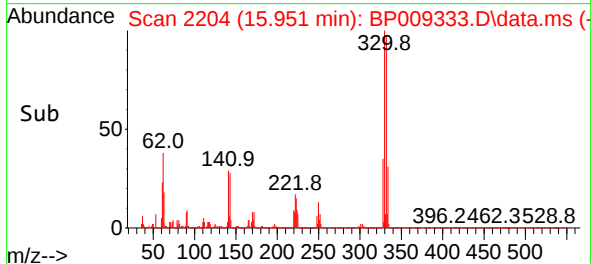
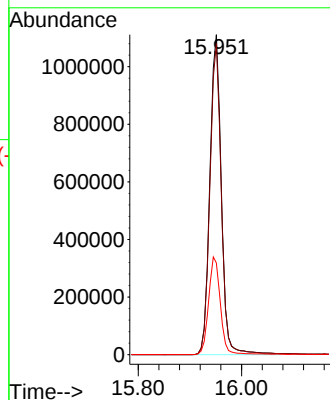
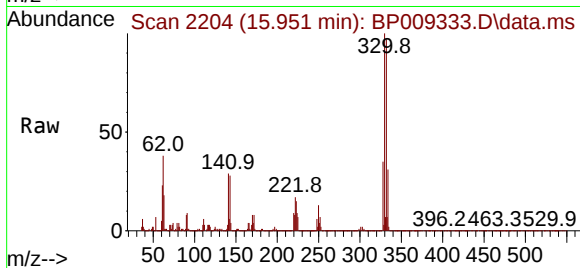
Tgt Ion:330 Resp: 1716076

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 31.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 60.367 ng

RT: 13.081 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

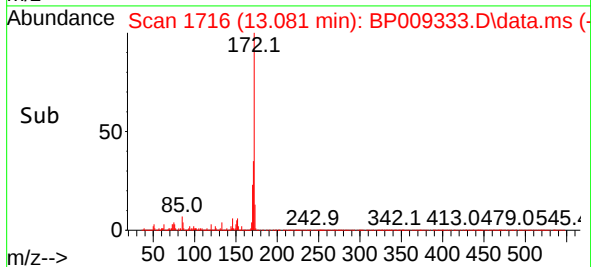
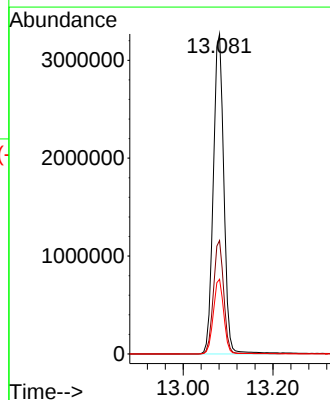
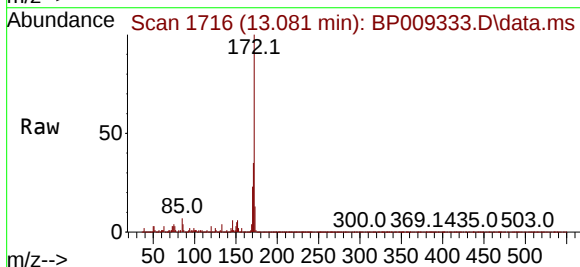
Tgt Ion:172 Resp: 5333770

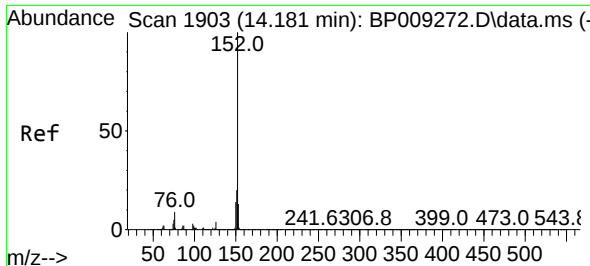
Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.4 18.6 27.8

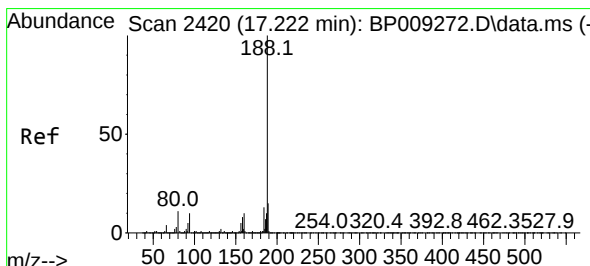
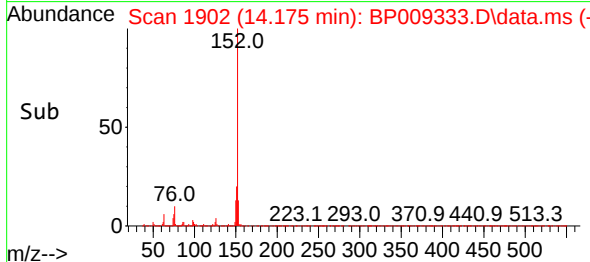
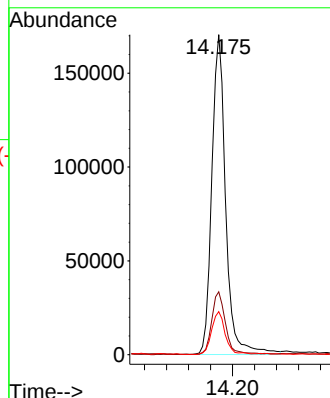
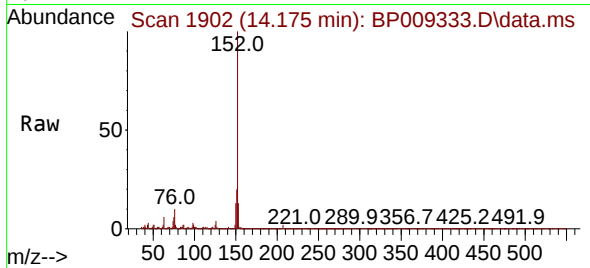




#49
Acenaphthylene
Concen: 2.571 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

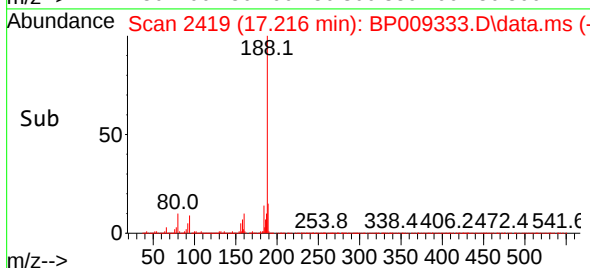
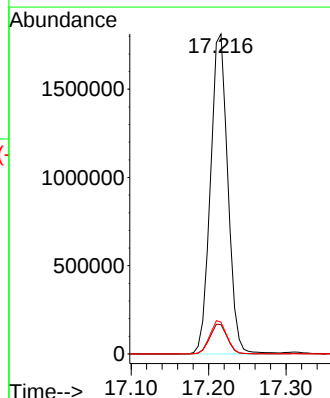
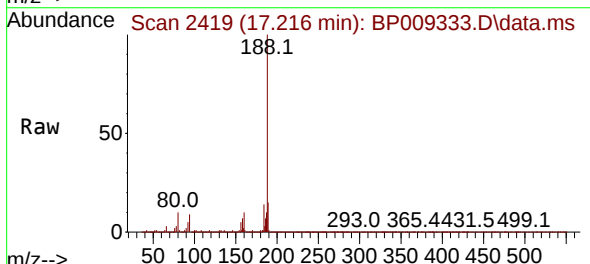
Instrument :
BNA_P
ClientSampleId :
DUM-38

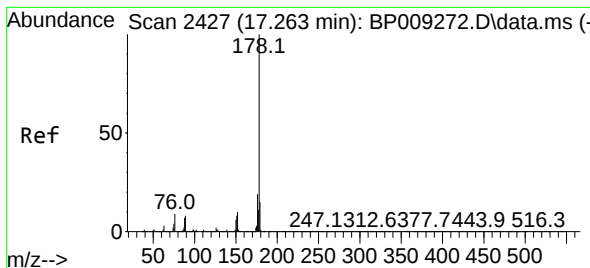
Tgt Ion:152 Resp: 298457
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:188 Resp: 2825706
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.0 8.8 13.2





#71

Phenanthrene

Concen: 6.594 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

Instrument :

BNA_P

ClientSampleId :

DUM-38

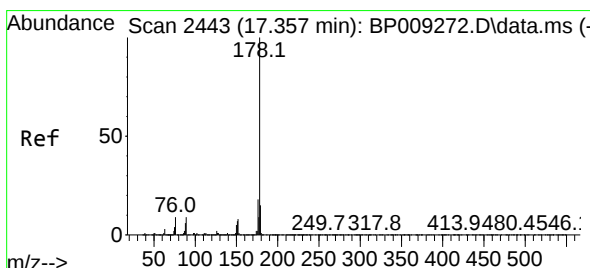
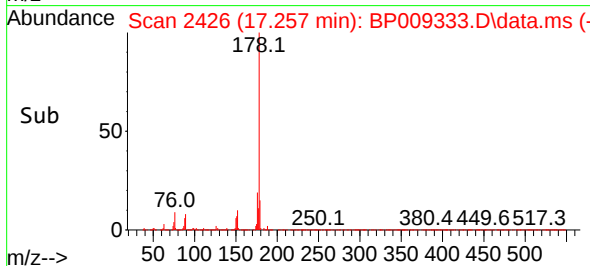
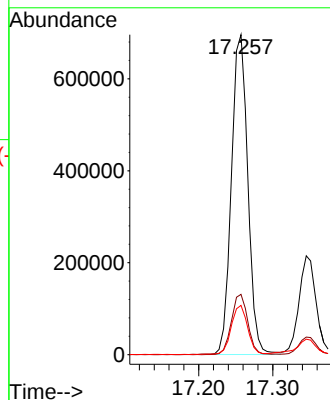
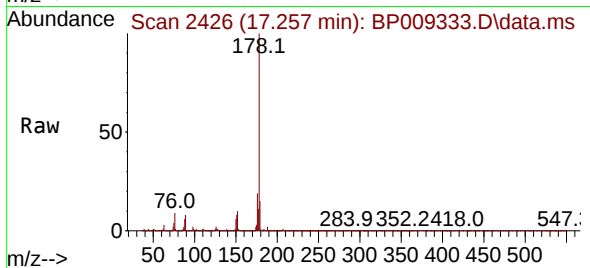
Tgt Ion:178 Resp: 1070809

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 2.031 ng

RT: 17.345 min Scan# 2441

Delta R.T. -0.012 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

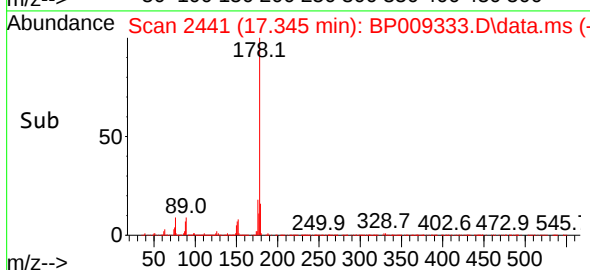
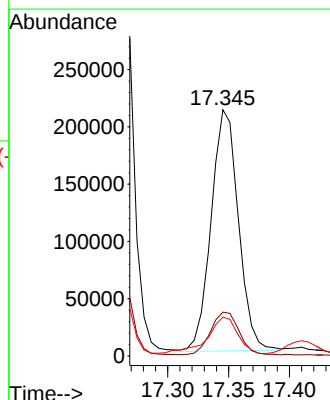
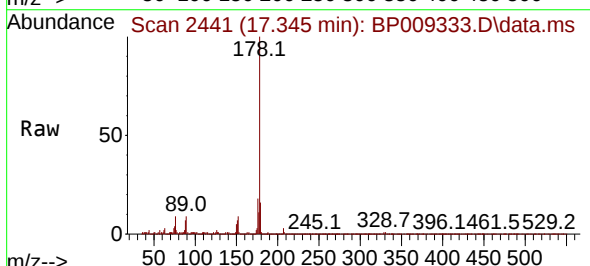
Tgt Ion:178 Resp: 328364

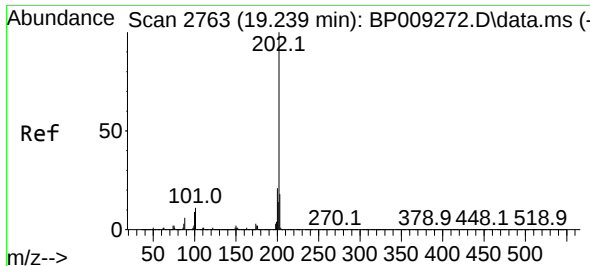
Ion Ratio Lower Upper

178 100

176 17.8 14.8 22.2

179 15.8 12.2 18.4

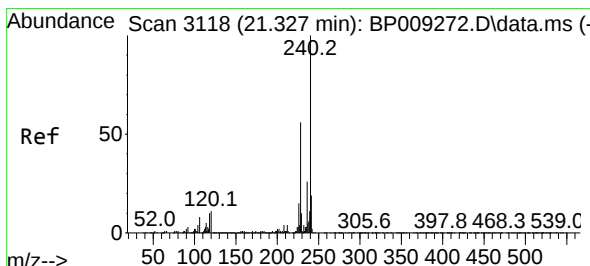
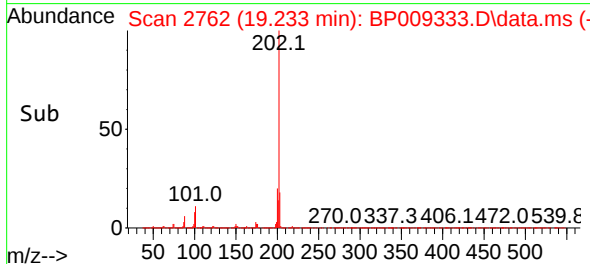
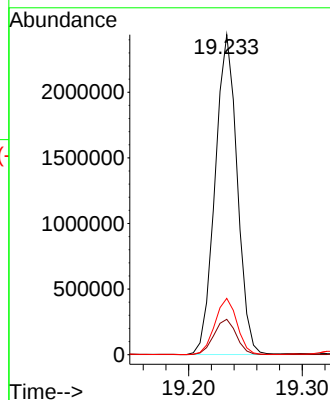
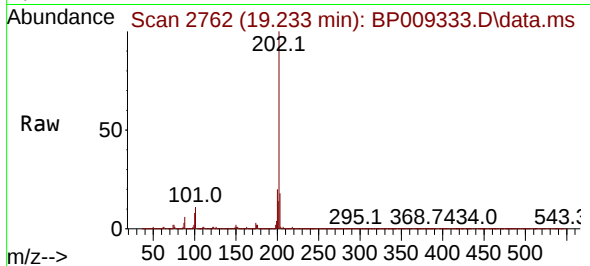




#75
Fluoranthene
Concen: 17.612 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

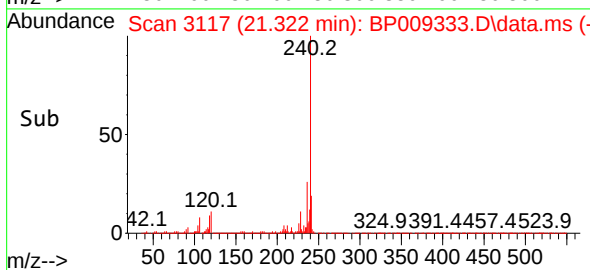
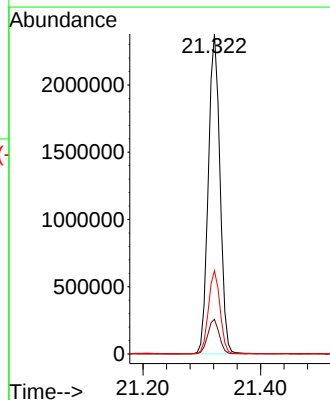
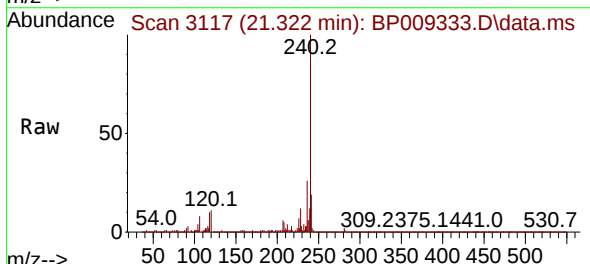
Instrument :
BNA_P
ClientSampleId :
DUM-38

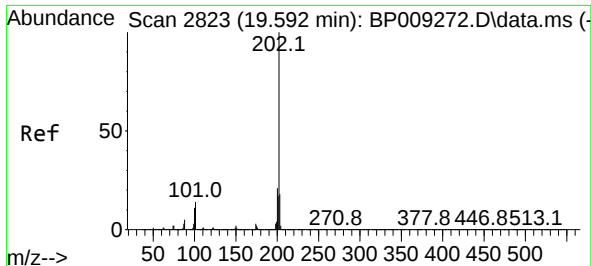
Tgt Ion:202 Resp: 3301211
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.5
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:240 Resp: 3261443
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 26.1 20.6 30.8

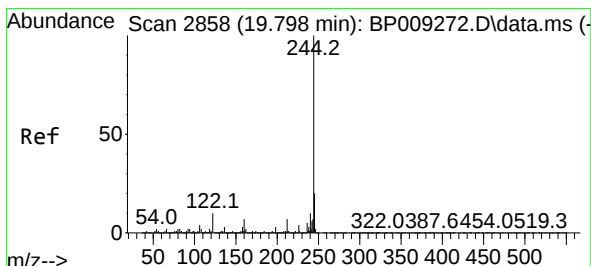
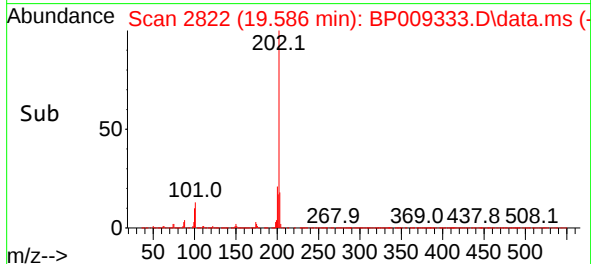
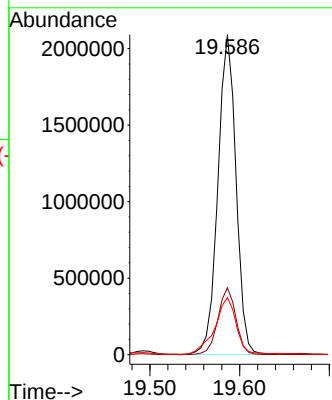
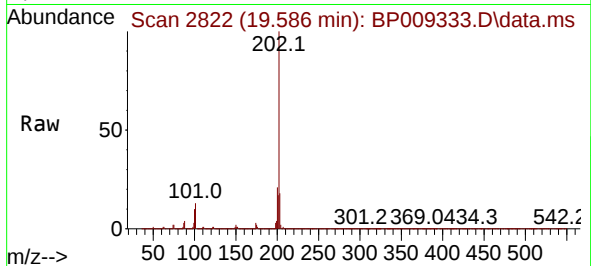




#78
Pyrene
Concen: 13.301 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

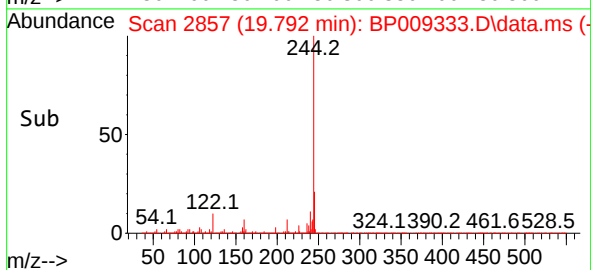
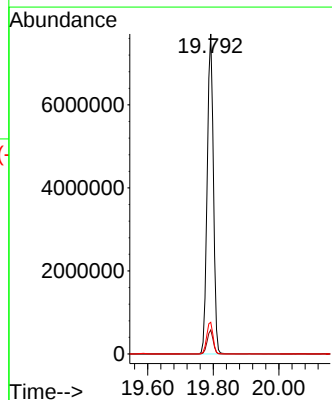
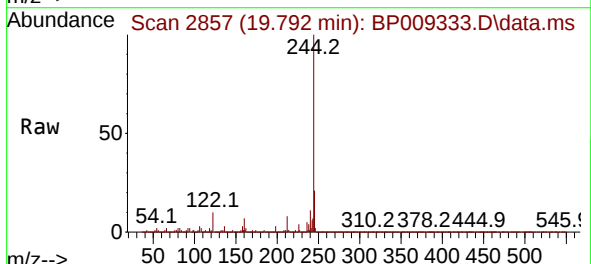
Instrument :
BNA_P
ClientSampleId :
DUM-38

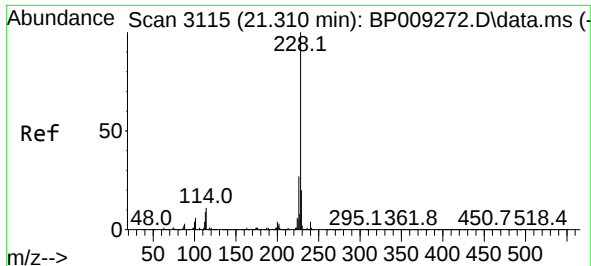
Tgt Ion:202 Resp: 2928950
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.8 14.2 21.4



#79
Terphenyl-d14
Concen: 58.542 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:244 Resp:10117589
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.9 8.3 12.5

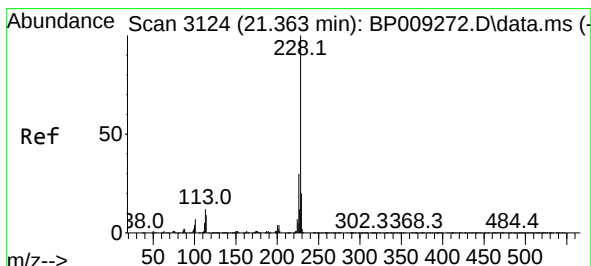
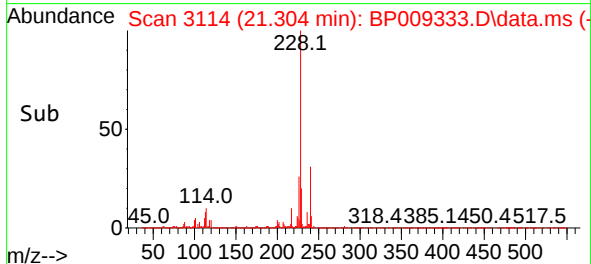
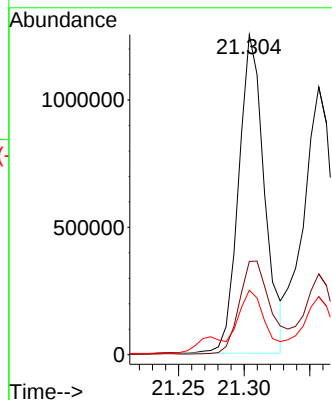
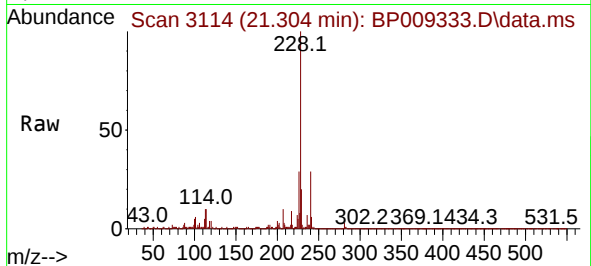




#81
Benzo(a)anthracene
Concen: 7.761 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

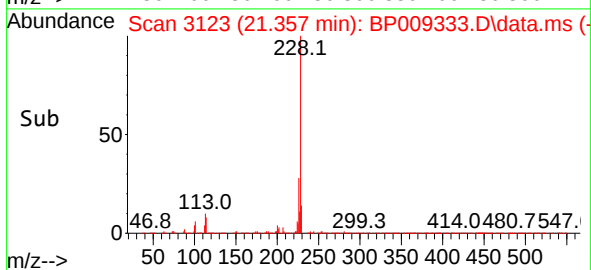
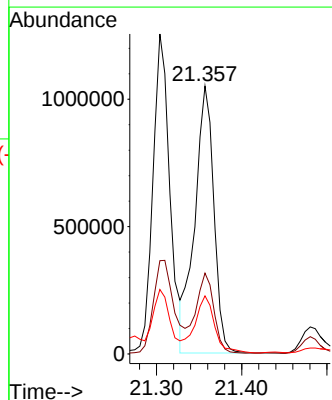
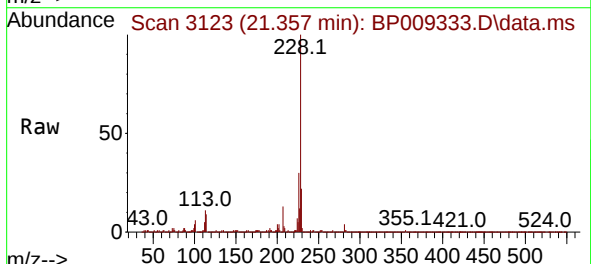
Instrument :
BNA_P
ClientSampleId :
DUM-38

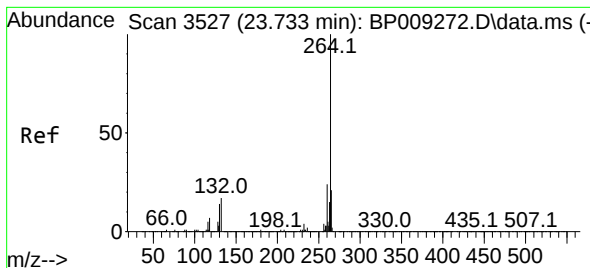
Tgt Ion:228 Resp: 1715706
Ion Ratio Lower Upper
228 100
226 29.2 22.0 33.0
229 20.1 16.1 24.1



#83
Chrysene
Concen: 7.597 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:228 Resp: 1630580
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 21.7 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: BP009333.D

Acq: 09 Mar 2022 20:24

Instrument :

BNA_P

ClientSampleId :

DUM-38

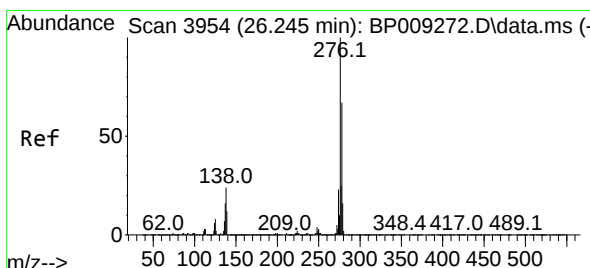
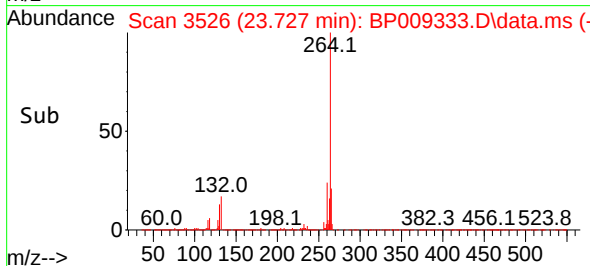
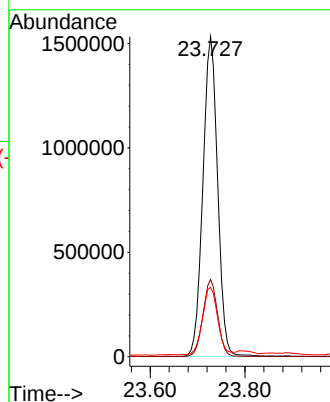
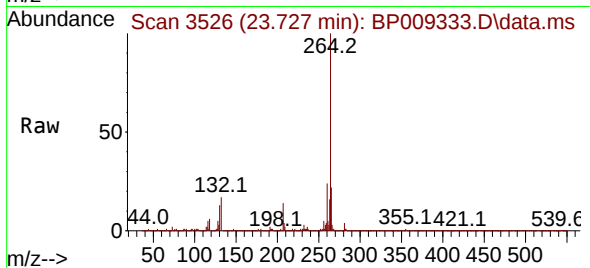
Tgt Ion:264 Resp: 3302427

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.6 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.367 ng

RT: 26.221 min Scan# 3950

Delta R.T. -0.024 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

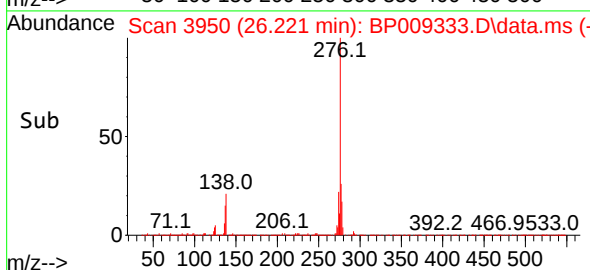
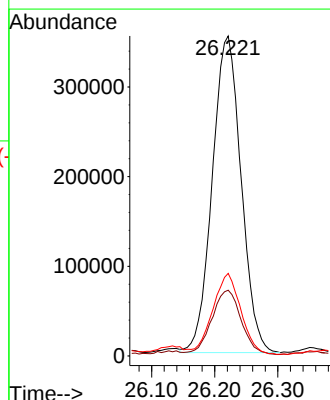
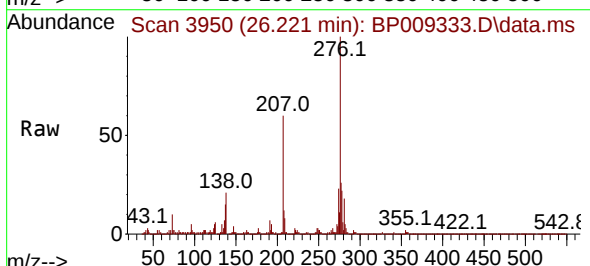
Tgt Ion:276 Resp: 1120593

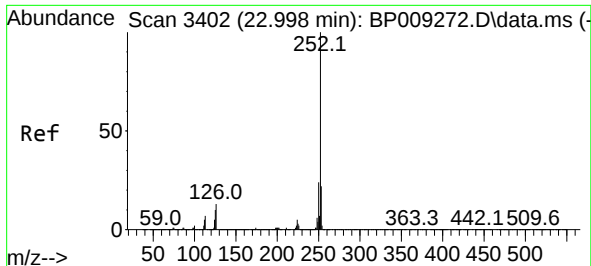
Ion Ratio Lower Upper

276 100

138 20.8 20.5 30.7

277 24.7 20.4 30.6

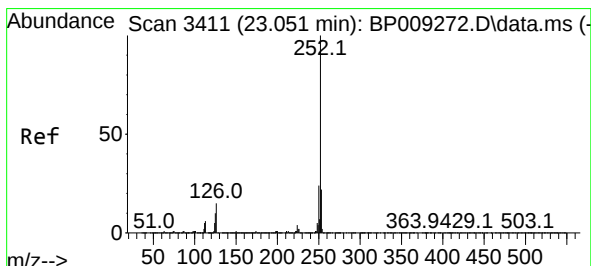
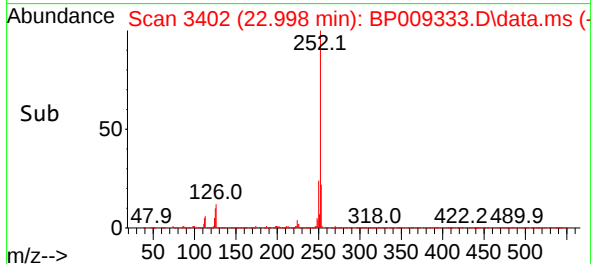
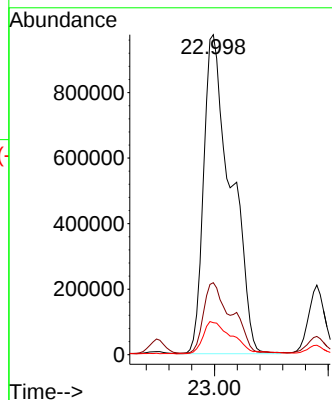
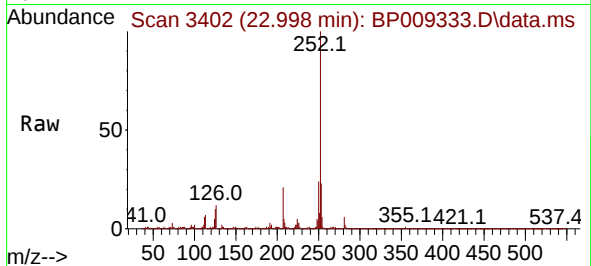




#88
Benzo(b)fluoranthene
Concen: 14.555 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

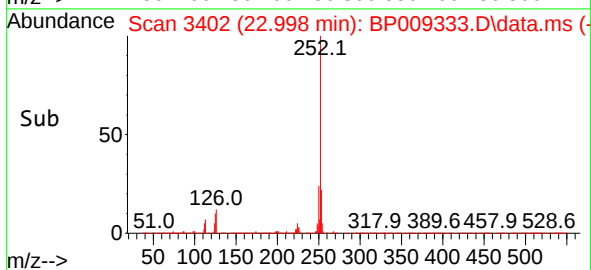
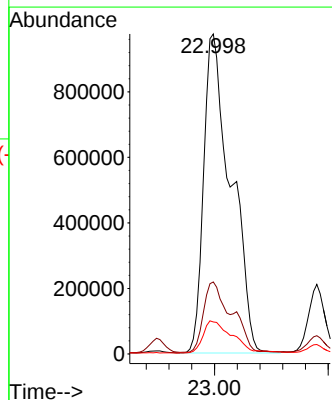
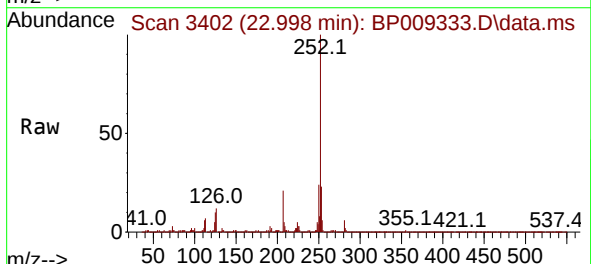
Instrument :
BNA_P
ClientSampleId :
DUM-38

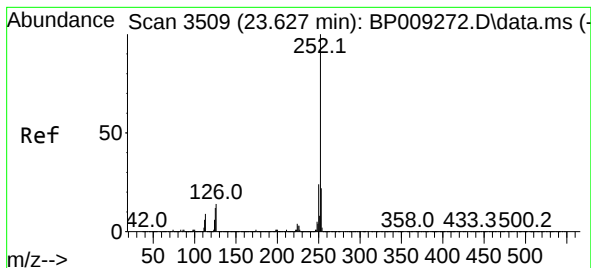
Tgt Ion:252 Resp: 3245460
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.0 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 15.236 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.053 min
Lab File: BP009333.D
Acq: 09 Mar 2022 20:24

Tgt Ion:252 Resp: 3245460
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.0 8.3 12.5





#90

Benzo(a)pyrene

Concen: 7.682 ng

RT: 23.616 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

Instrument :

BNA_P

ClientSampleId :

DUM-38

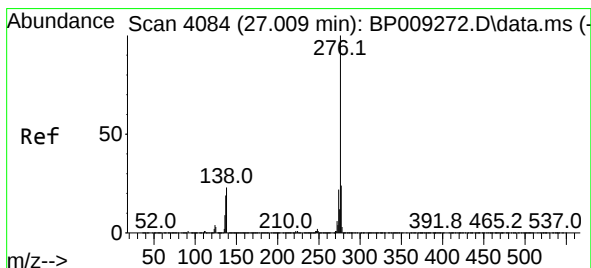
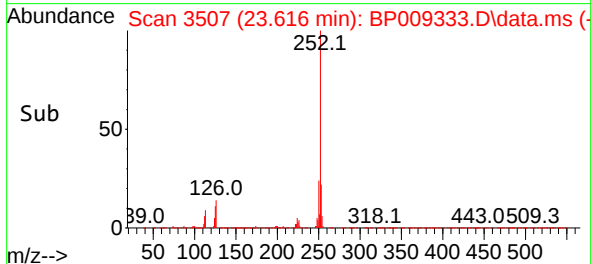
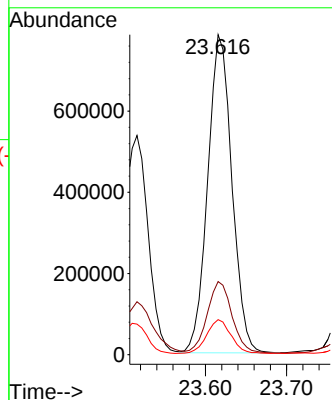
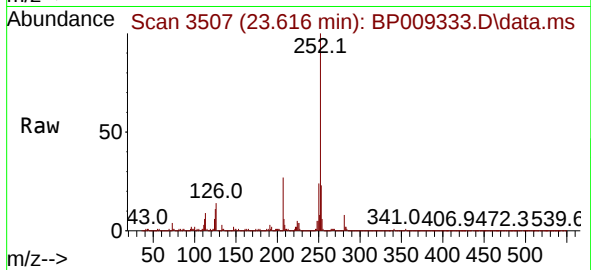
Tgt Ion:252 Resp: 1624611

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 11.0 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 5.018 ng

RT: 26.986 min Scan# 4080

Delta R.T. -0.024 min

Lab File: BP009333.D

Acq: 09 Mar 2022 20:24

Tgt Ion:276 Resp: 1078585

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 20.5 18.0 27.0

