

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009351.D
 Acq On : 10 Mar 2022 18:57
 Operator : CG/JU
 Sample : N1843-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-2

Quant Time: Mar 11 05:03:02 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)

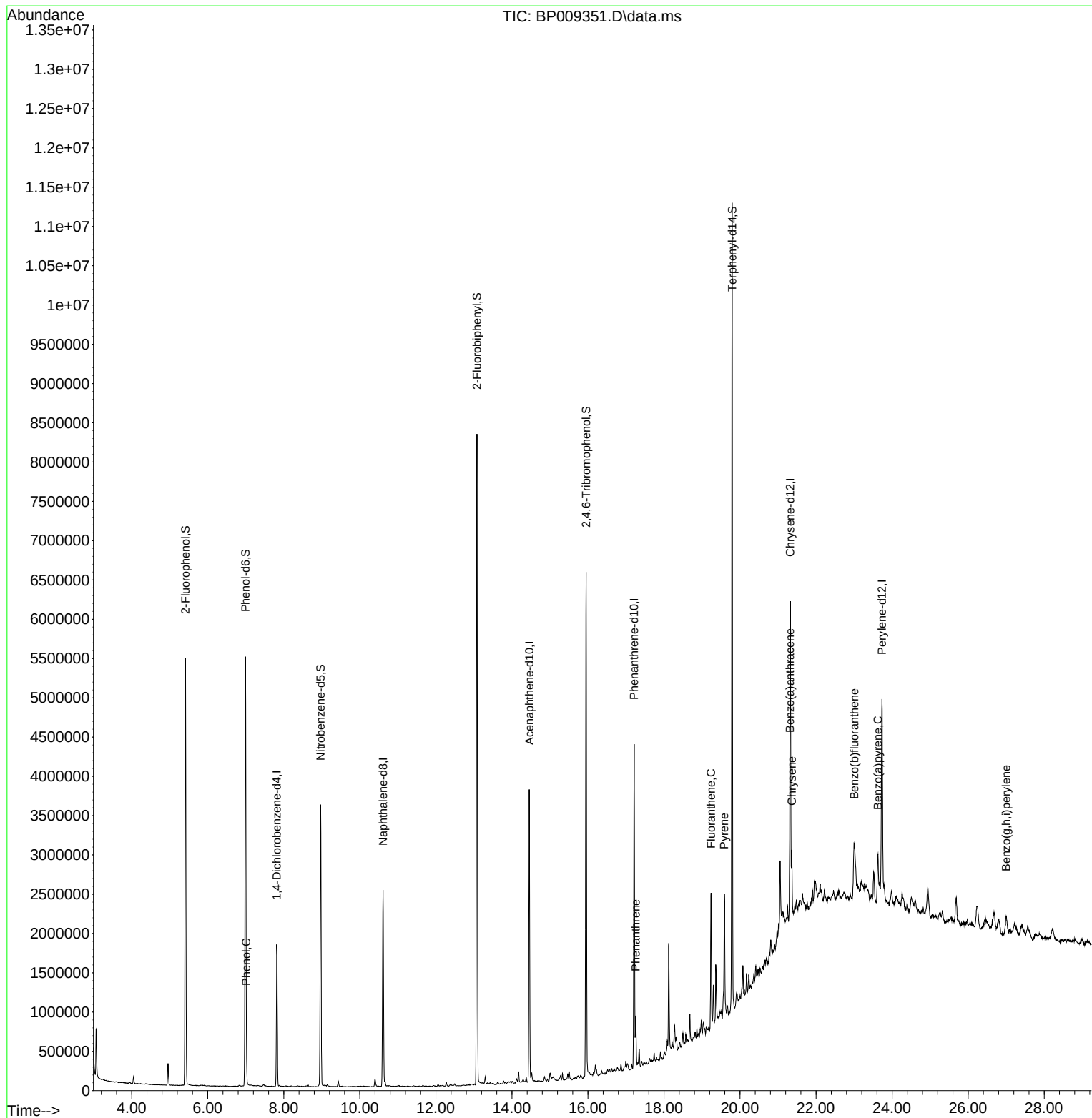
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	544461	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2245113	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1388714	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2588489	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1899970	20.000	ng	0.00
86) Perylene-d12	23.733	264	2062195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2667269	71.509	ng	0.00
7) Phenol-d6	6.993	99	3472396	73.257	ng	0.00
23) Nitrobenzene-d5	8.969	82	2278978	55.909	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1516083	90.411	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	4808136	47.614	ng	0.00
79) Terphenyl-d14	19.792	244	5293030	52.573	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.016	94	103409	2.107	ng	85
71) Phenanthrene	17.257	178	423918	2.850	ng	99
75) Fluoranthene	19.239	202	1047901	6.103	ng	98
78) Pyrene	19.586	202	1004128	7.828	ng	100
81) Benzo(a)anthracene	21.309	228	577239	4.482	ng	94
83) Chrysene	21.362	228	524360	4.194	ng	97
88) Benzo(b)fluoranthene	23.003	252	692210	4.971	ng	# 93
90) Benzo(a)pyrene	23.627	252	485903	3.679	ng	# 94
92) Benzo(g,h,i)perylene	26.997	276	302855	2.256	ng	95

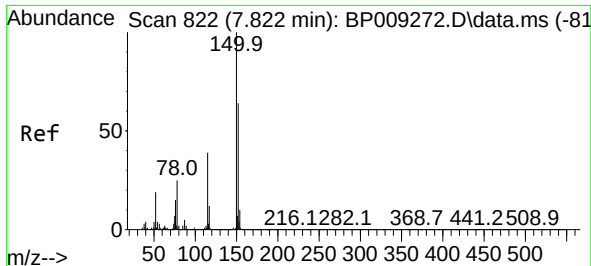
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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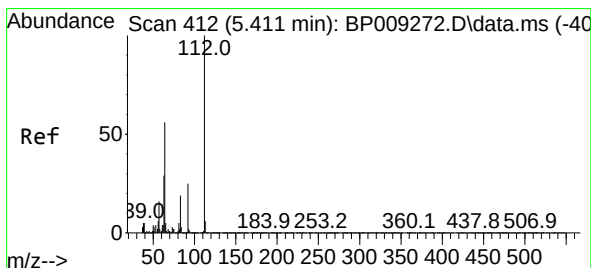
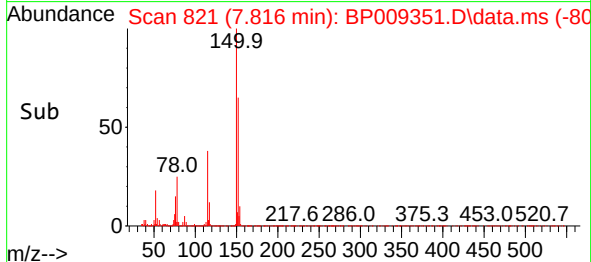
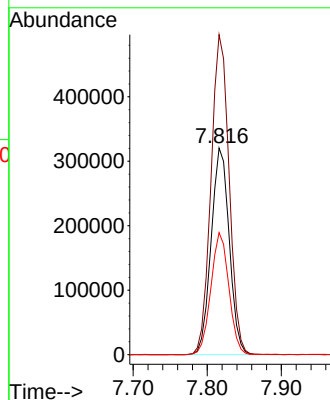
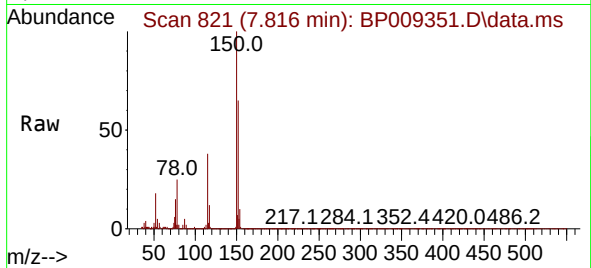




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

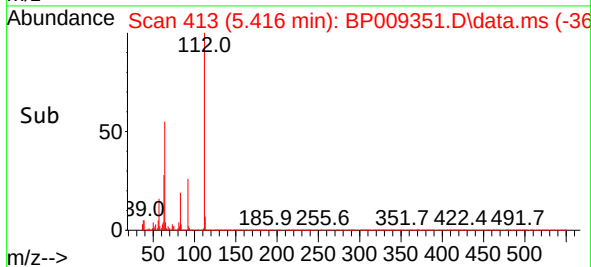
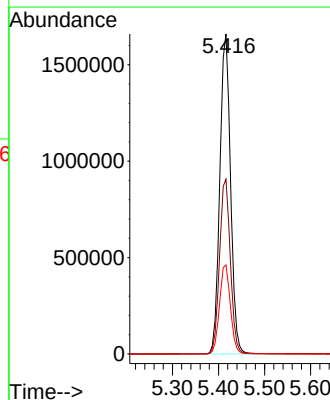
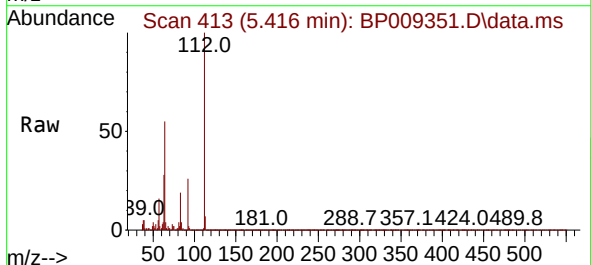
Instrument :
BNA_P
ClientSampleId :
FS-2

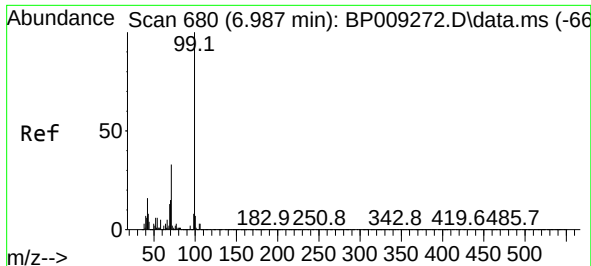
Tgt Ion:152 Resp: 544461
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 59.0 48.2 72.4



#5
2-Fluorophenol
Concen: 71.509 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Tgt Ion:112 Resp: 2667269
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 27.8 23.0 34.6

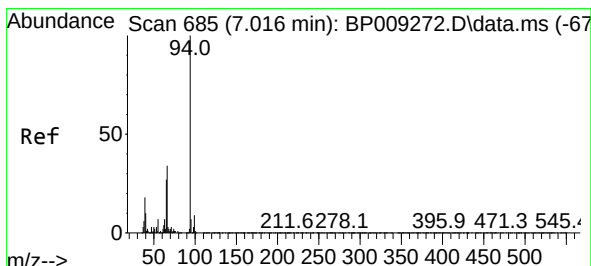
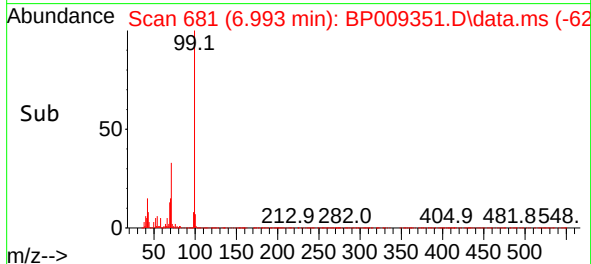
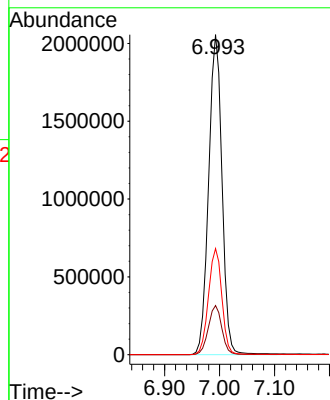
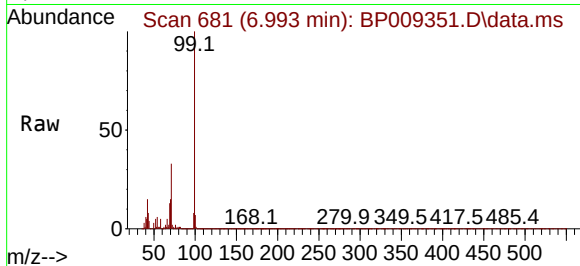




#7
Phenol-d6
Concen: 73.257 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

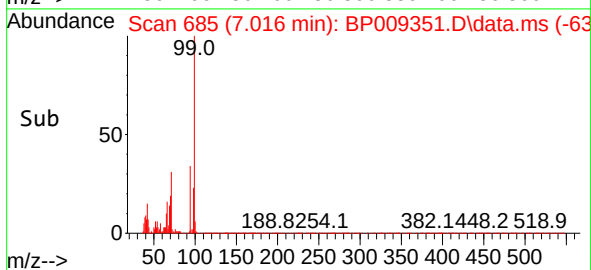
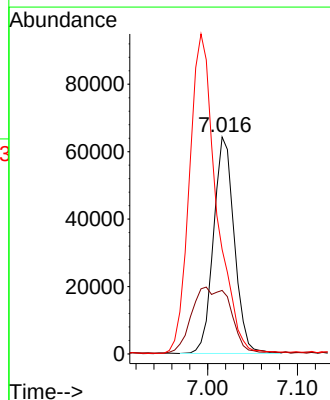
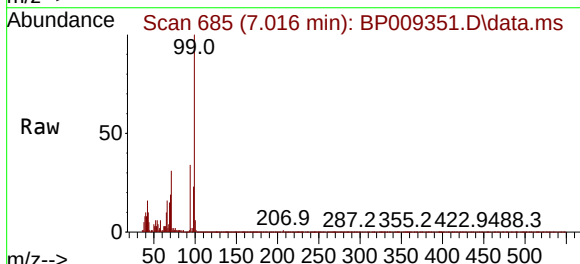
Instrument :
BNA_P
ClientSampleId :
FS-2

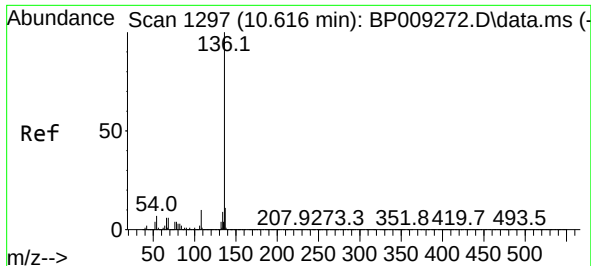
Tgt Ion: 99 Resp: 3472396
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.2 26.3 39.5



#10
Phenol
Concen: 2.107 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Tgt Ion: 94 Resp: 103409
Ion Ratio Lower Upper
94 100
65 29.3 7.2 47.2
66 48.2 14.3 54.3



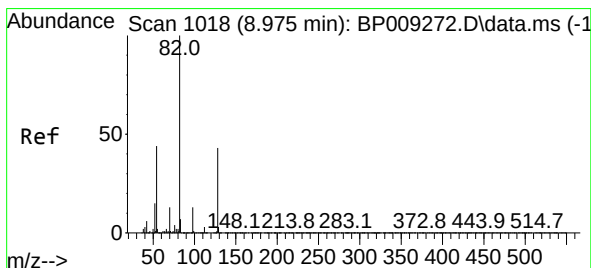
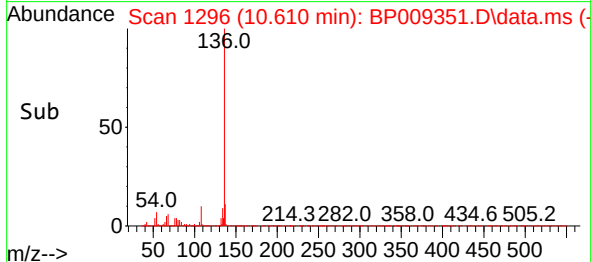
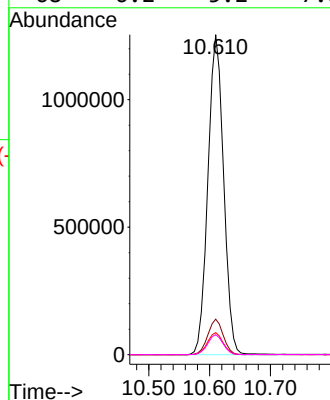
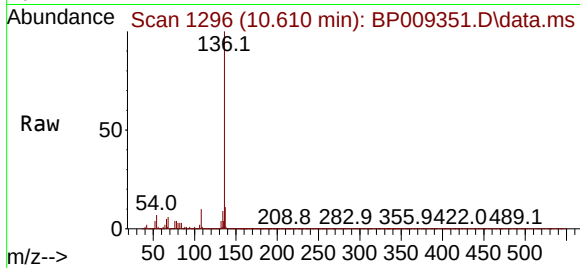


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Instrument :
BNA_P
ClientSampleId :
FS-2

Tgt Ion:136 Resp: 2245113

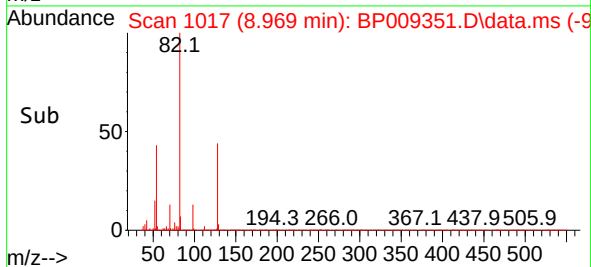
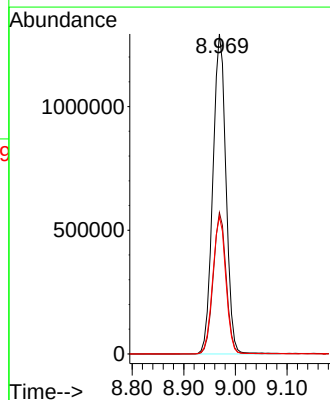
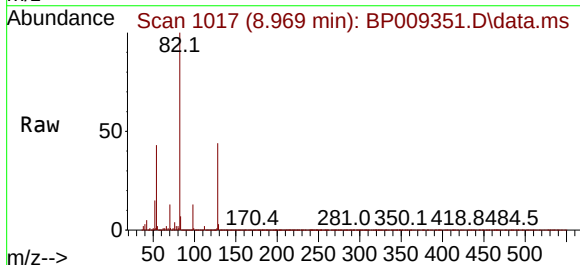
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.8	8.8
68	6.2	5.2	7.8

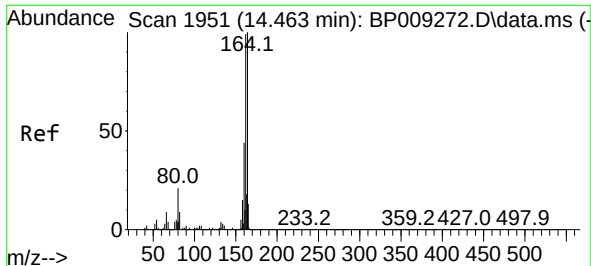


#23
Nitrobenzene-d5
Concen: 55.909 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Tgt Ion: 82 Resp: 2278978

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.4
54	42.9	34.7	52.1

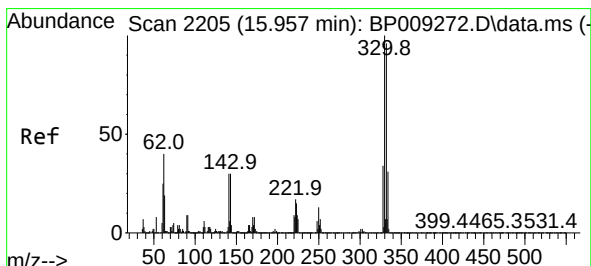
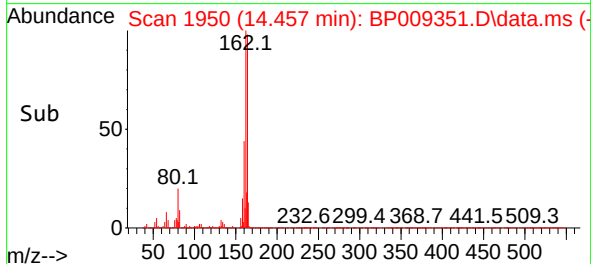
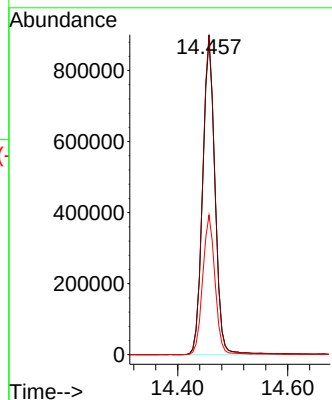
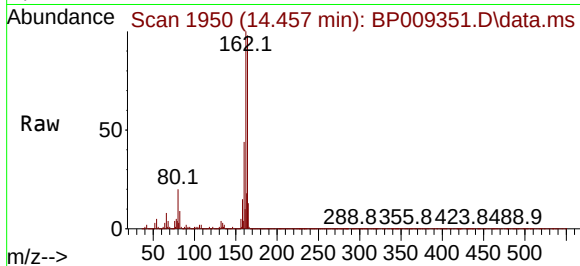




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

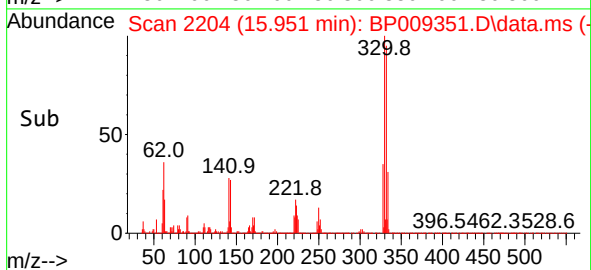
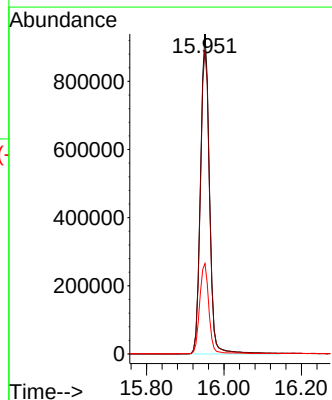
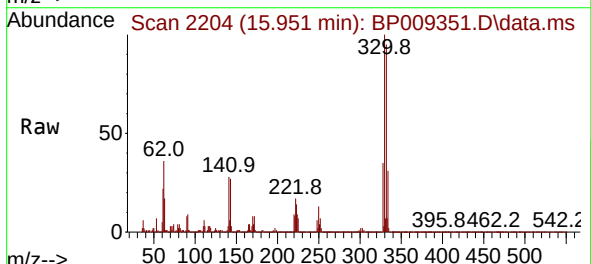
Instrument :
BNA_P
ClientSampleId :
FS-2

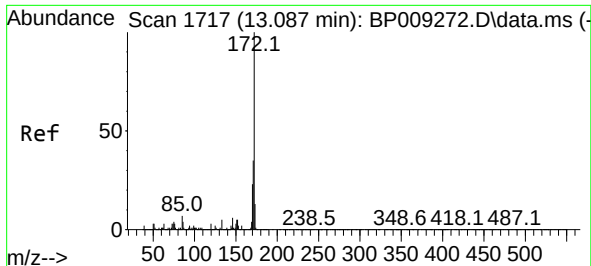
Tgt Ion:164 Resp: 1388714
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 90.411 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Tgt Ion:330 Resp: 1516083
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 28.7 27.6 41.4

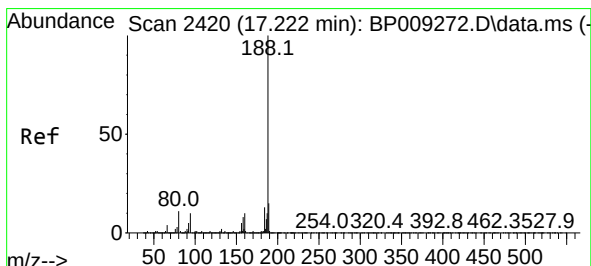
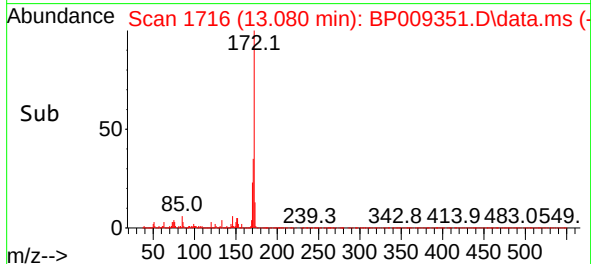
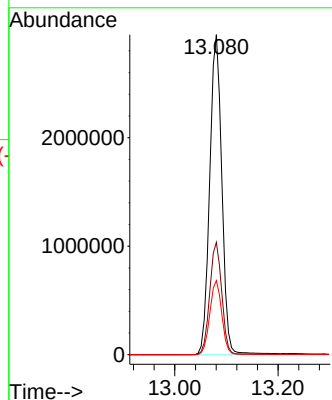
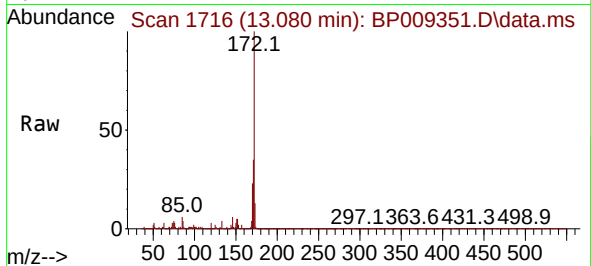




#45
2-Fluorobiphenyl
Concen: 47.614 ng
RT: 13.080 min Scan# 11
Delta R.T. -0.007 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

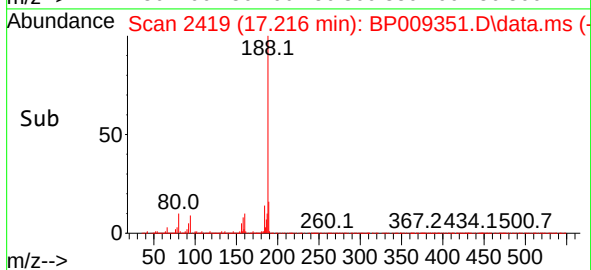
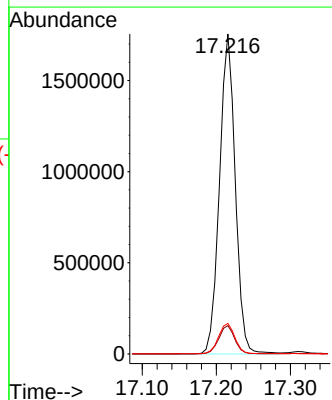
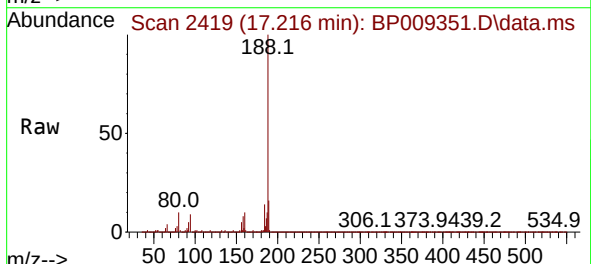
Instrument :
BNA_P
ClientSampleId :
FS-2

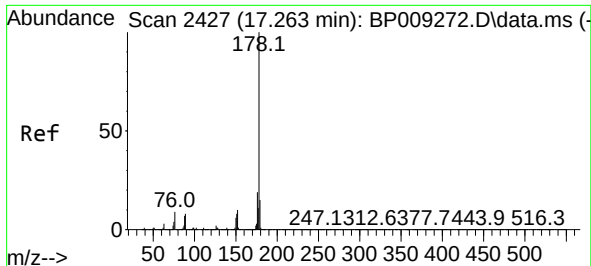
Tgt Ion:172 Resp: 4808136
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Tgt Ion:188 Resp: 2588489
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2

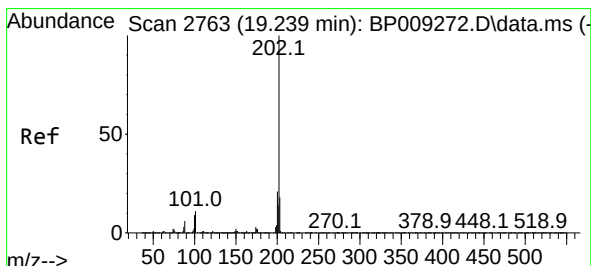
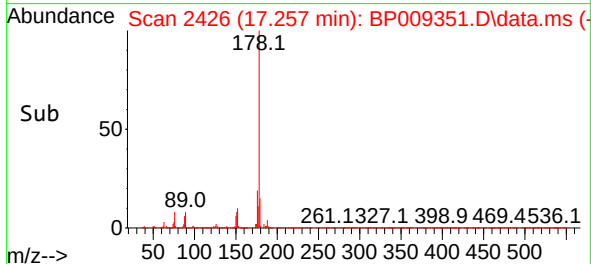
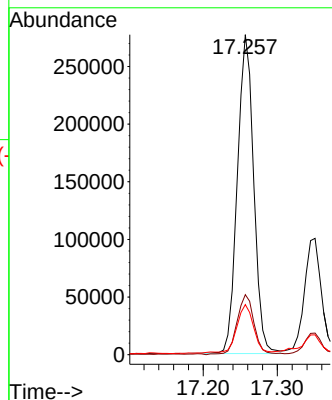
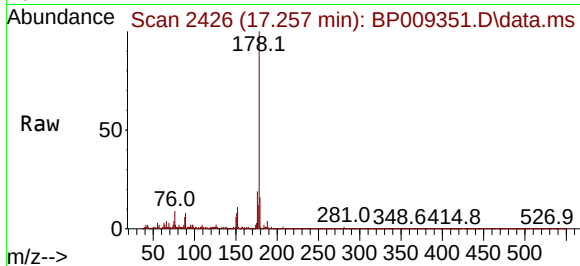




#71
Phenanthrene
Concen: 2.850 ng
RT: 17.257 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

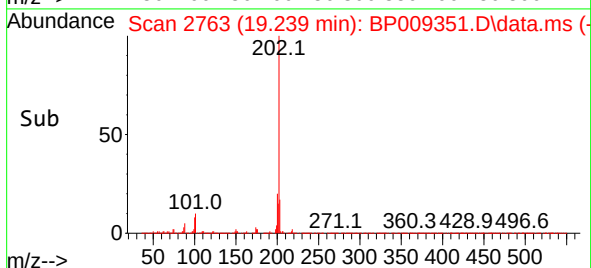
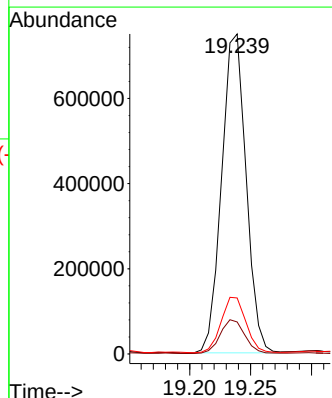
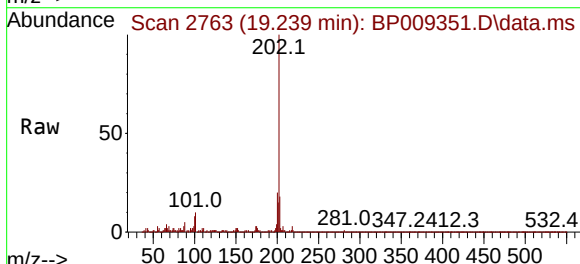
Instrument :
BNA_P
ClientSampleId :
FS-2

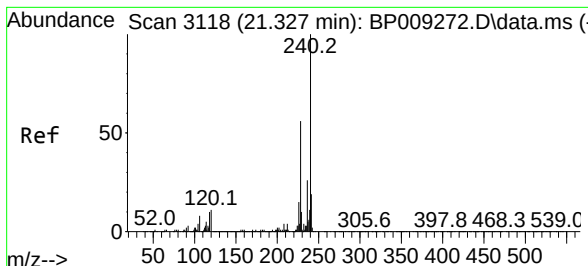
Tgt Ion:178 Resp: 423918
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.3 18.5



#75
Fluoranthene
Concen: 6.103 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

Tgt Ion:202 Resp: 1047901
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP009351.D

Acq: 10 Mar 2022 18:57

Instrument :

BNA_P

ClientSampleId :

FS-2

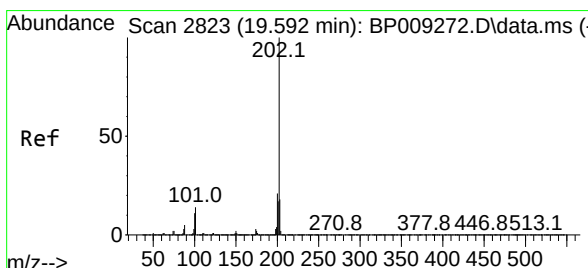
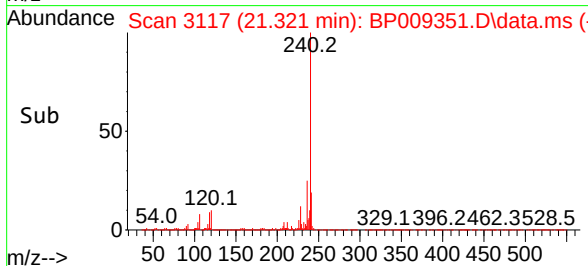
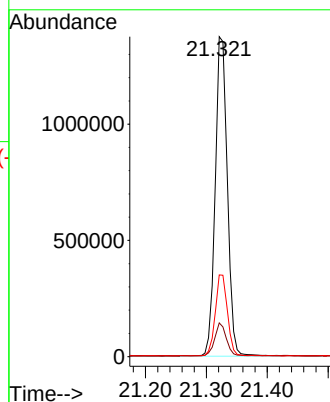
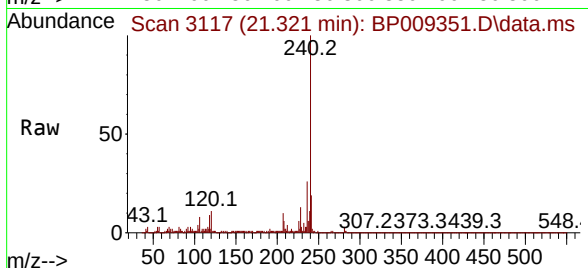
Tgt Ion:240 Resp: 1899970

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

236 25.6 20.6 30.8



#78

Pyrene

Concen: 7.828 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP009351.D

Acq: 10 Mar 2022 18:57

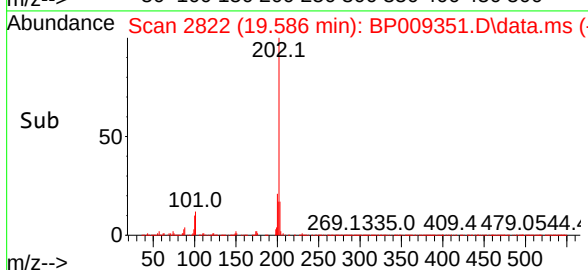
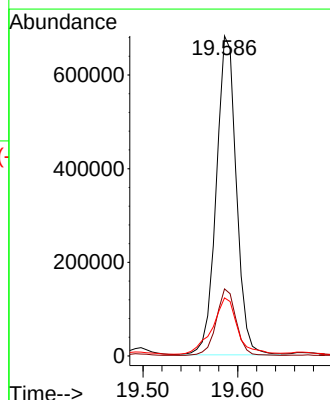
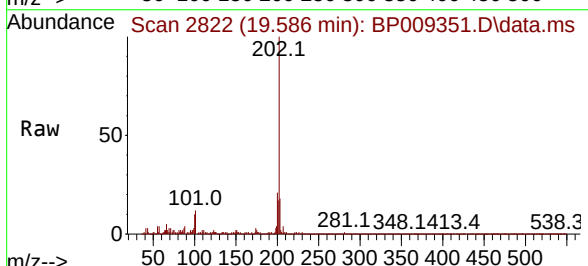
Tgt Ion:202 Resp: 1004128

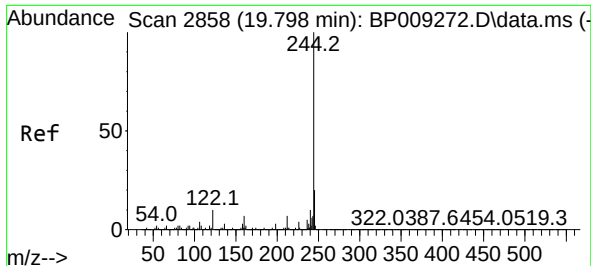
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 18.2 14.2 21.4

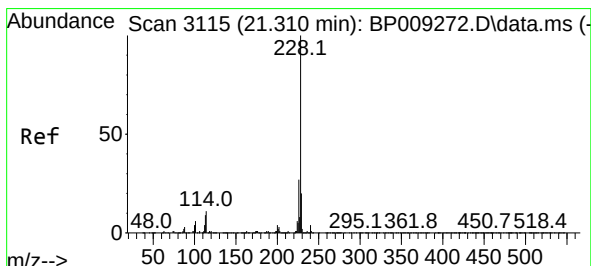
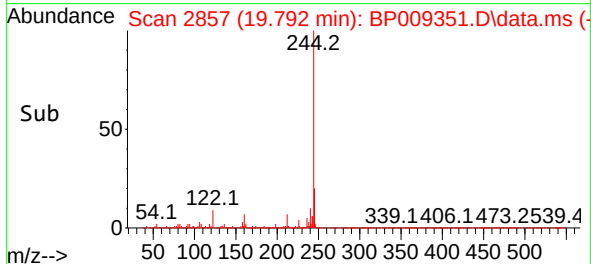
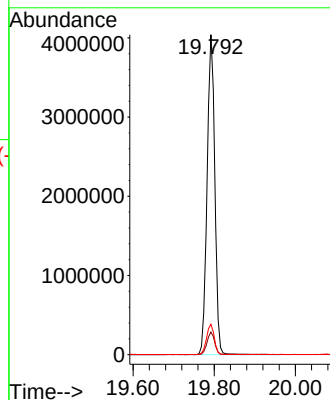
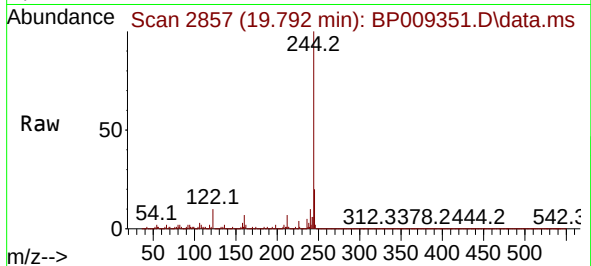




#79
 Terphenyl-d14
 Concen: 52.573 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009351.D
 Acq: 10 Mar 2022 18:57

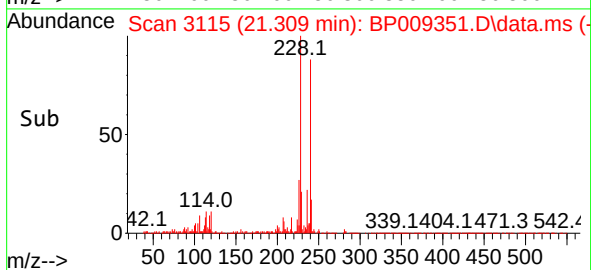
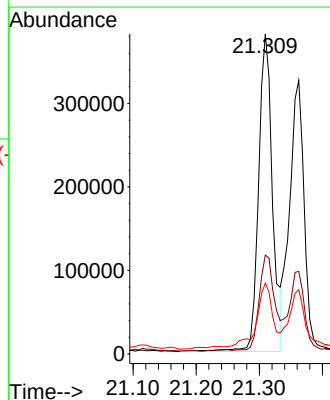
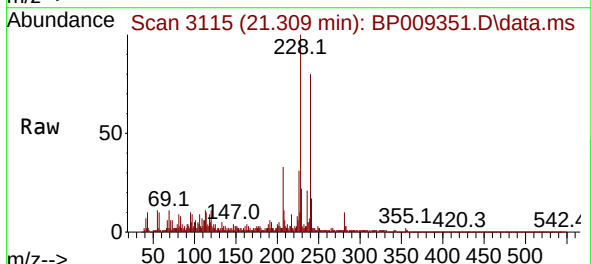
Instrument :
 BNA_P
 ClientSampleId :
 FS-2

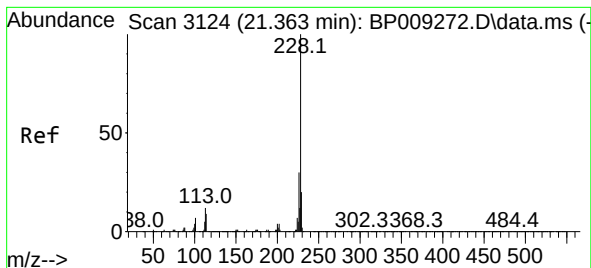
Tgt Ion:244 Resp: 5293030
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.5 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 4.482 ng
 RT: 21.309 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BP009351.D
 Acq: 10 Mar 2022 18:57

Tgt Ion:228 Resp: 577239
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.0 33.0
 229 22.2 16.1 24.1





#83

Chrysene

Concen: 4.194 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP009351.D

Acq: 10 Mar 2022 18:57

Instrument :

BNA_P

ClientSampleId :

FS-2

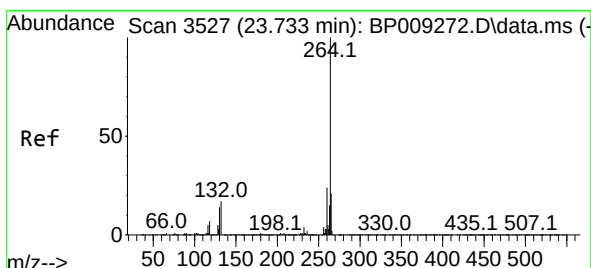
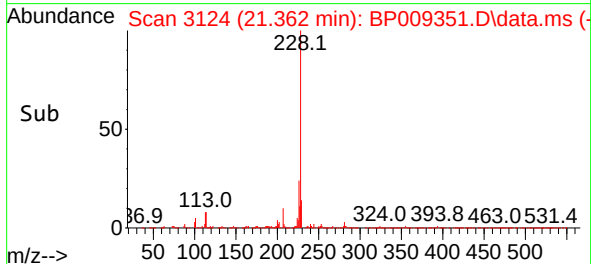
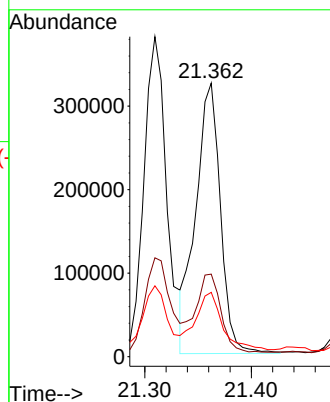
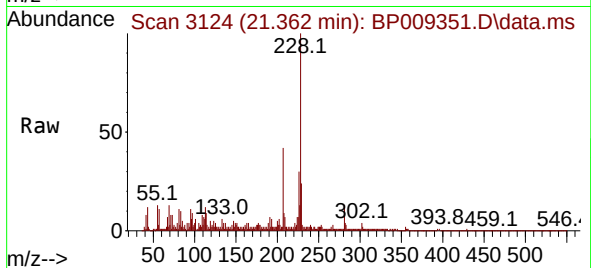
Tgt Ion:228 Resp: 524360

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 23.5 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3527

Delta R.T. -0.000 min

Lab File: BP009351.D

Acq: 10 Mar 2022 18:57

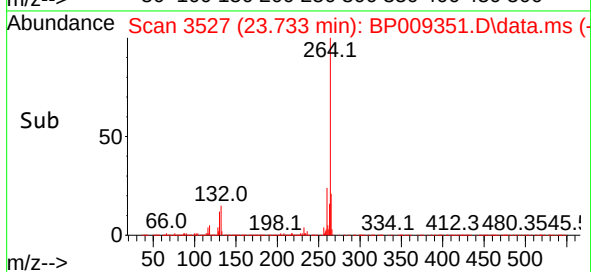
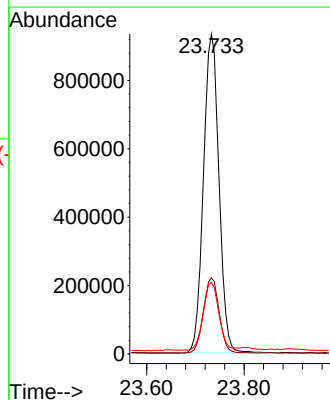
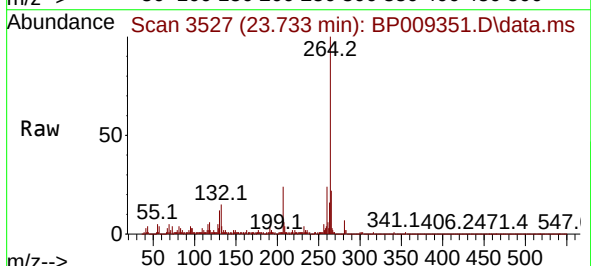
Tgt Ion:264 Resp: 2062195

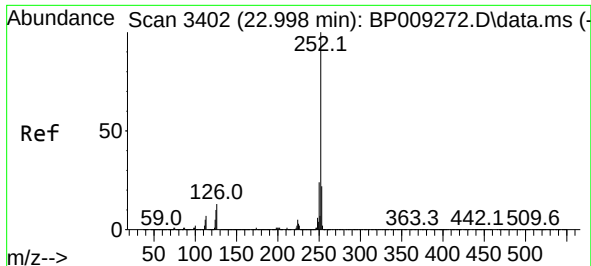
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.4 17.2 25.8

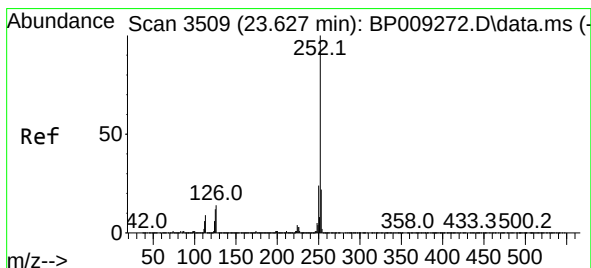
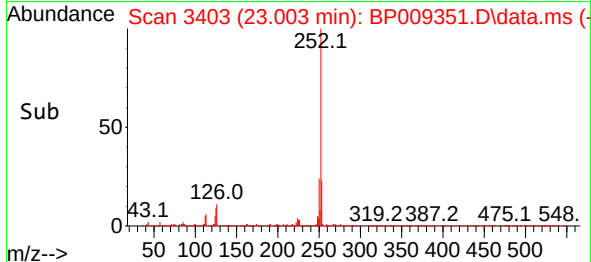
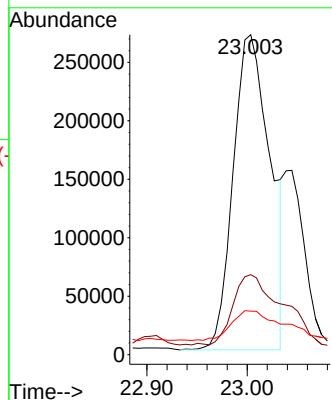
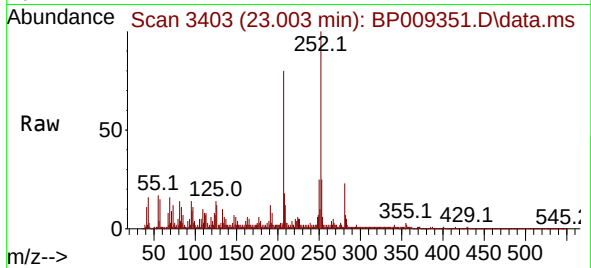




#88
Benzo(b)fluoranthene
Concen: 4.971 ng
RT: 23.003 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

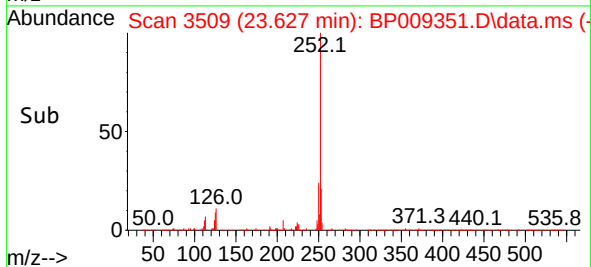
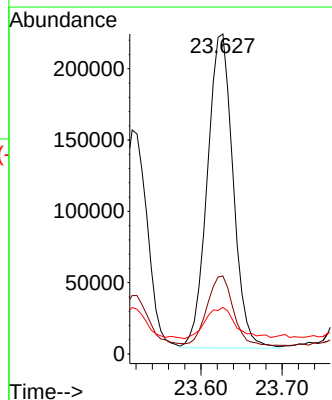
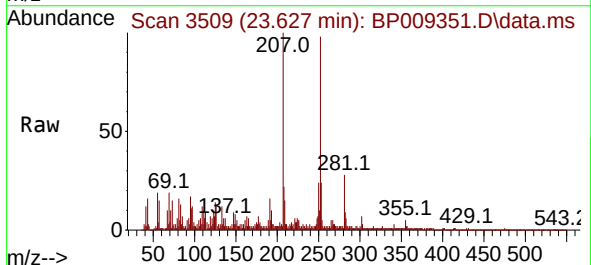
Instrument :
BNA_P
ClientSampleId :
FS-2

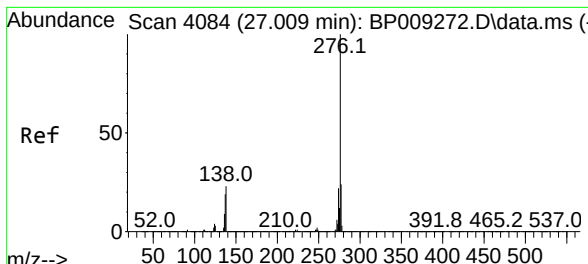
Tgt Ion:252 Resp: 692210
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.8
125 13.6 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 3.679 ng
RT: 23.627 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BP009351.D
Acq: 10 Mar 2022 18:57

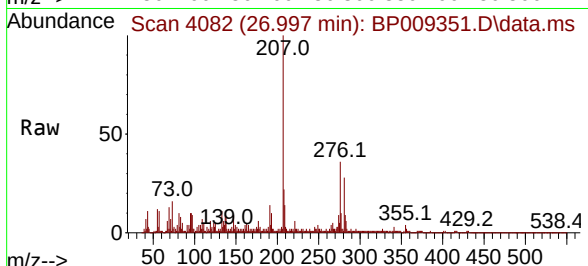
Tgt Ion:252 Resp: 485903
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 14.6 9.3 13.9#





#92
 Benzo(g,h,i)perylene
 Concen: 2.256 ng
 RT: 26.997 min Scan# 4082
 Delta R.T. -0.012 min
 Lab File: BP009351.D
 Acq: 10 Mar 2022 18:57

Instrument :
 BNA_P
 ClientSampleId :
 FS-2



Tgt Ion: 276 Resp: 302855

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.2	28.8
138	21.5	18.0	27.0

