

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009638.D
 Acq On : 31 Mar 2022 14:27
 Operator : CG/JU
 Sample : N2155-06RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22L076-FRE

Quant Time: Mar 31 14:56:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

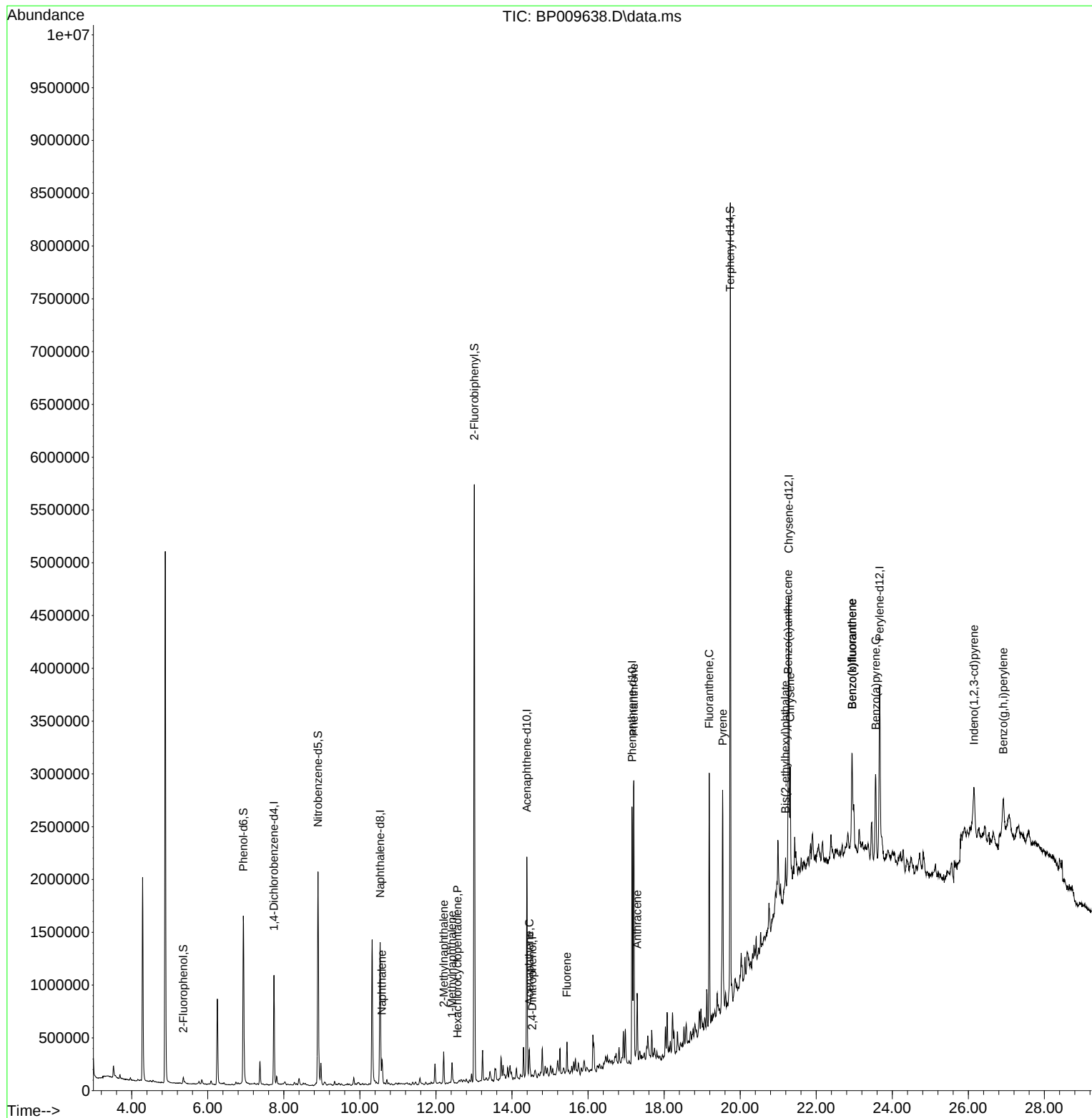
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	314247	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1164510	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	738050	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1547748	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1179457	20.000	ng	# 0.00
86) Perylene-d12	23.668	264	1371047	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	38164	2.120	ng	0.01
7) Phenol-d6	6.934	99	1163786	47.812	ng	0.00
23) Nitrobenzene-d5	8.899	82	1343302	61.299	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	2880	0.236	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	3218313	60.450	ng	0.00
79) Terphenyl-d14	19.739	244	4067495	61.899	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.899	77	2538	Below Cal	#	62
31) Naphthalene	10.581	128	201513	3.359	ng	99
37) 2-Methylnaphthalene	12.204	142	156468	3.718	ng	100
38) 1-Methylnaphthalene	12.422	142	98243	2.396	ng	99
41) Hexachlorocyclopentadiene	12.563	237	26	7.291	ng	88
52) Acenaphthene	14.457	154	100694	2.519	ng	96
54) 2,4-Dinitrophenol	14.534	184	118	4.548	ng	# 1
58) Fluorene	15.445	166	141428	2.678	ng	# 98
71) Phenanthrene	17.204	178	1774726	21.421	ng	100
72) Anthracene	17.292	178	430530	5.263	ng	99
75) Fluoranthene	19.186	202	1469332	14.649	ng	98
78) Pyrene	19.539	202	1325308	17.052	ng	99
81) Benzo(a)anthracene	21.263	228	688041	8.879	ng	98
83) Chrysene	21.316	228	622053	8.478	ng	97
84) Bis(2-ethylhexyl)phtha...	21.192	149	120878	2.625	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.151	276	456034	4.384	ng	# 93
88) Benzo(b)fluoranthene	22.945	252	1024112	12.512	ng	# 93
89) Benzo(k)fluoranthene	22.945	252	1024112	12.779	ng	# 92
90) Benzo(a)pyrene	23.562	252	568272	8.115	ng	95
92) Benzo(g,h,i)perylene	26.921	276	470446	5.516	ng	94

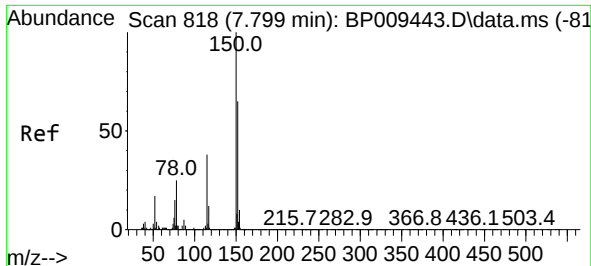
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
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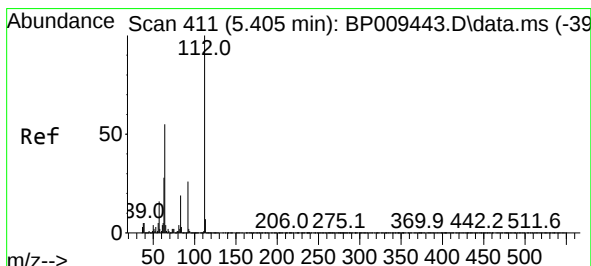
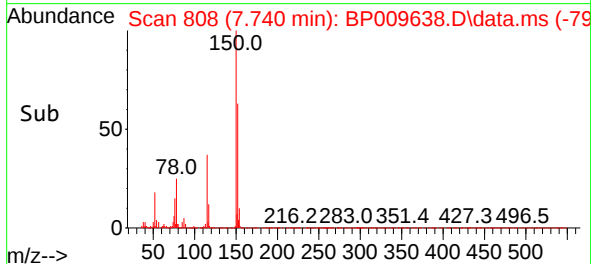
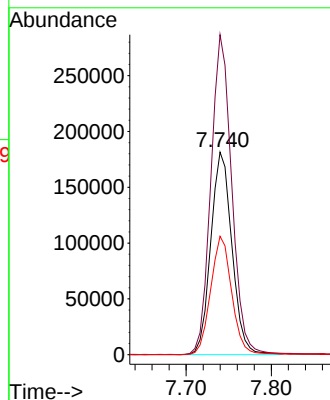
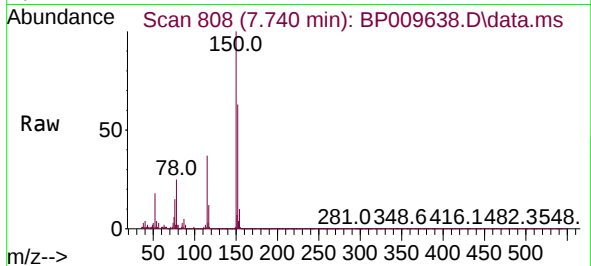




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009638.D
 Acq: 31 Mar 2022 14:27

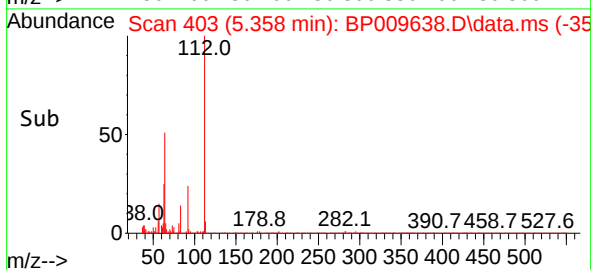
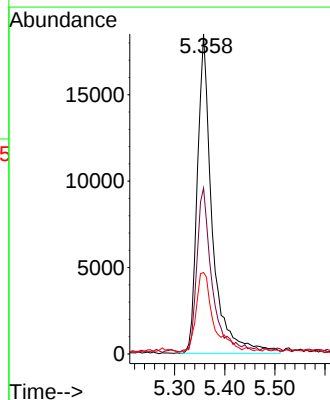
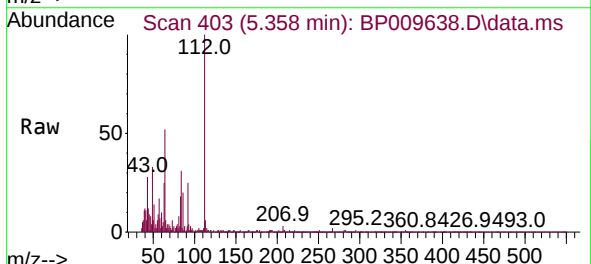
Instrument :
 BNA_P
 ClientSampleId :
 22L076-FRE

Tgt Ion:152 Resp: 314247
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.5 186.7
 115 58.4 48.2 72.4



#5
 2-Fluorophenol
 Concen: 2.120 ng
 RT: 5.358 min Scan# 403
 Delta R.T. 0.012 min
 Lab File: BP009638.D
 Acq: 31 Mar 2022 14:27

Tgt Ion:112 Resp: 38164
 Ion Ratio Lower Upper
 112 100
 64 51.9 45.0 67.4
 63 25.5 23.0 34.6

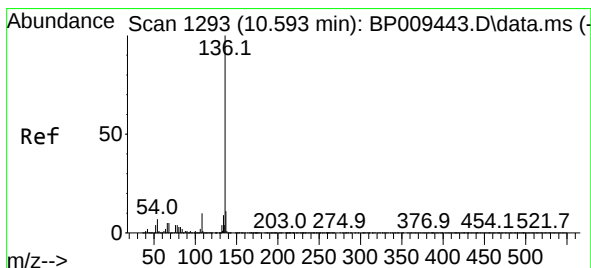
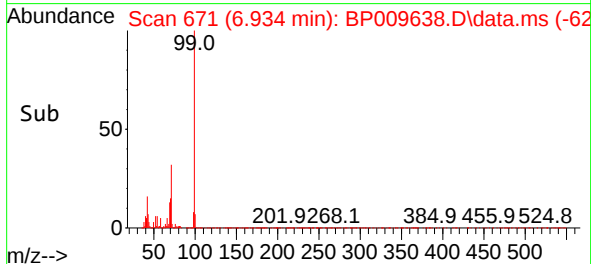
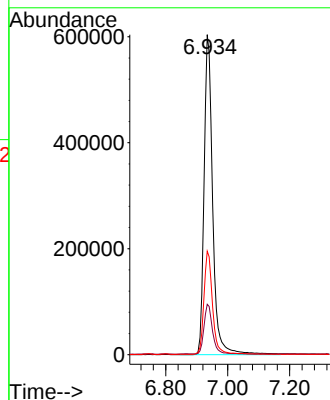
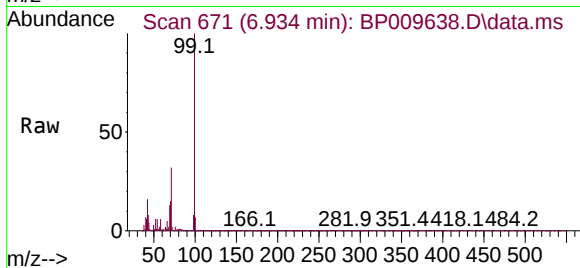




#7
Phenol-d6
Concen: 47.812 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

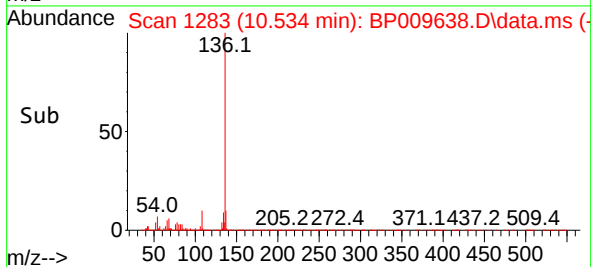
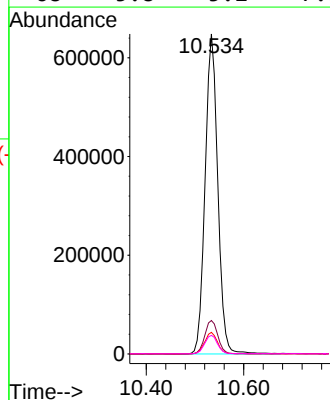
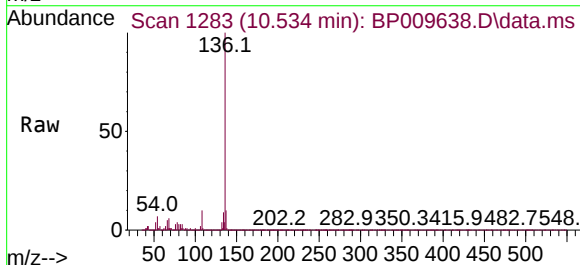
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

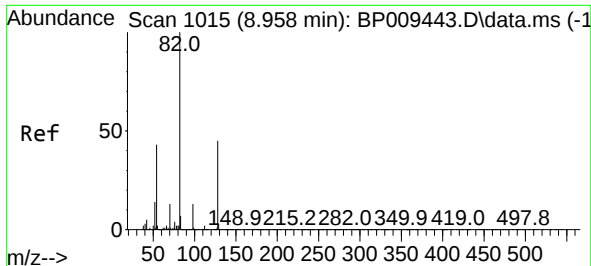
Tgt Ion: 99 Resp: 1163786
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion: 136 Resp: 1164510
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.7 5.8 8.8
68 5.8 5.2 7.8

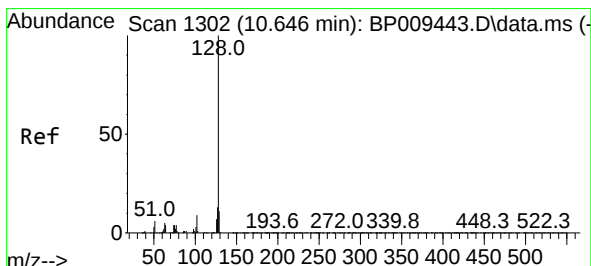
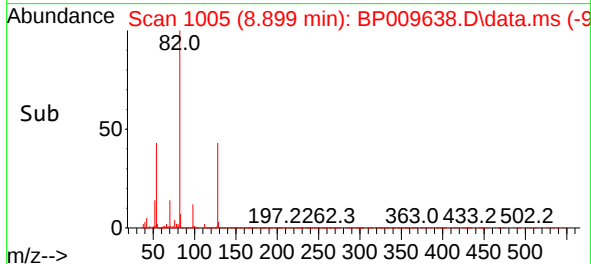
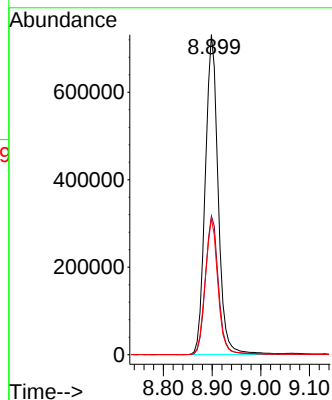
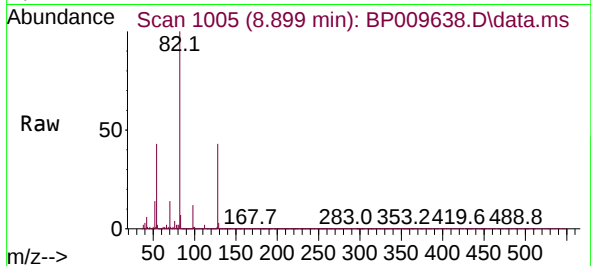




#23
Nitrobenzene-d5
Concen: 61.299 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

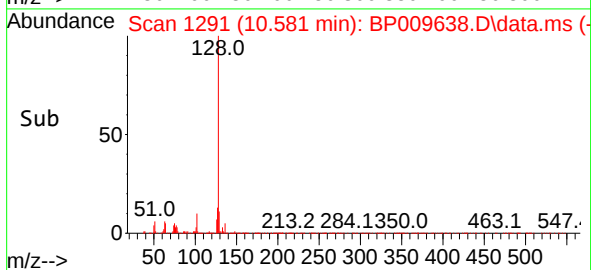
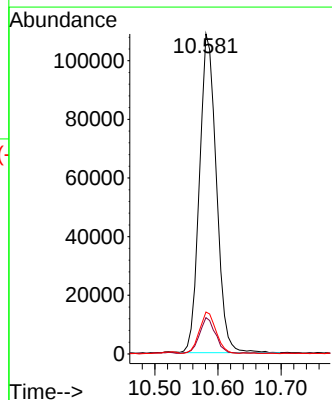
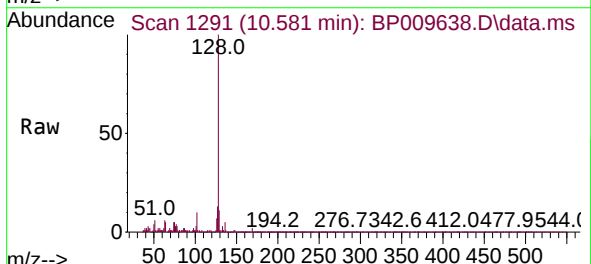
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

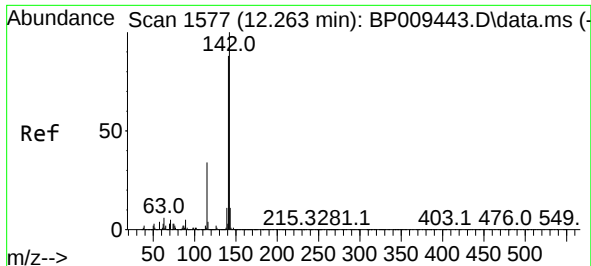
Tgt Ion: 82 Resp: 1343302
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 42.6 34.7 52.1



#31
Naphthalene
Concen: 3.359 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion: 128 Resp: 201513
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.5 15.7

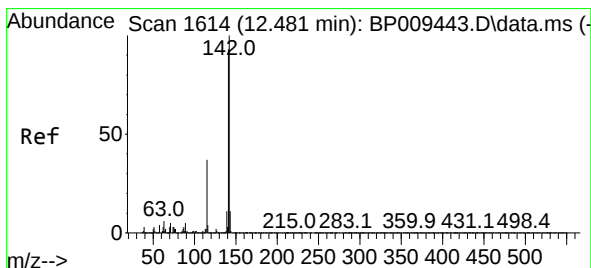
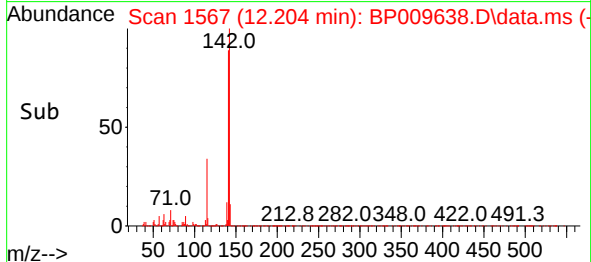
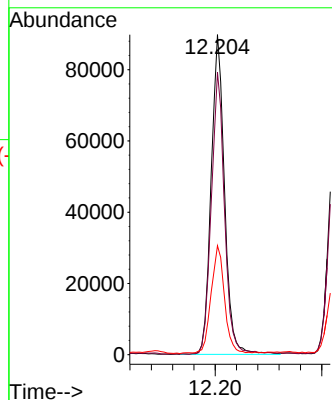
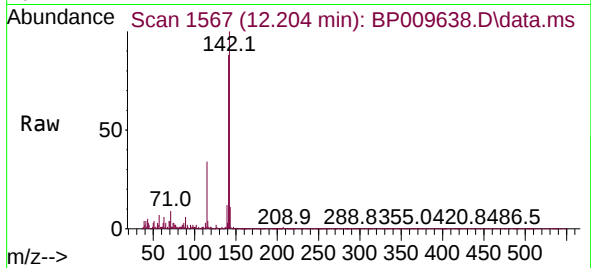




#37
2-Methylnaphthalene
Concen: 3.718 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

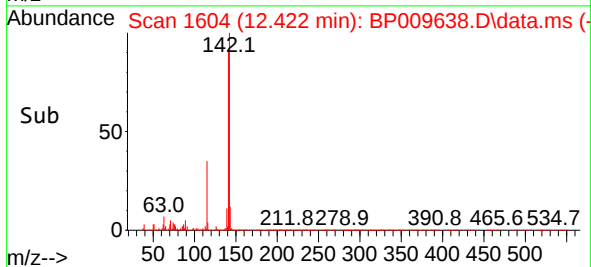
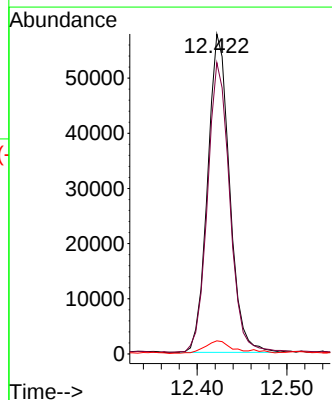
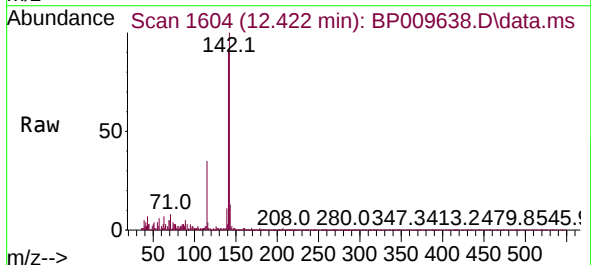
Instrument :
BNA_P
ClientSampleId :
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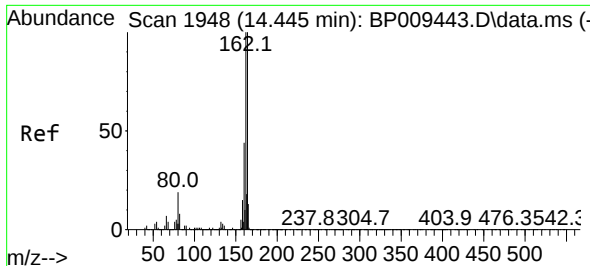
Tgt Ion:142 Resp: 156468
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.4
115 34.1 27.4 41.2



#38
1-Methylnaphthalene
Concen: 2.396 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:142 Resp: 98243
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3
116 4.1 3.3 4.9

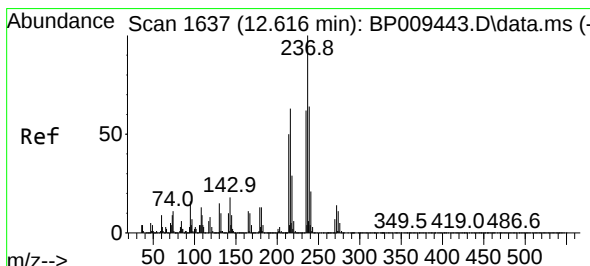
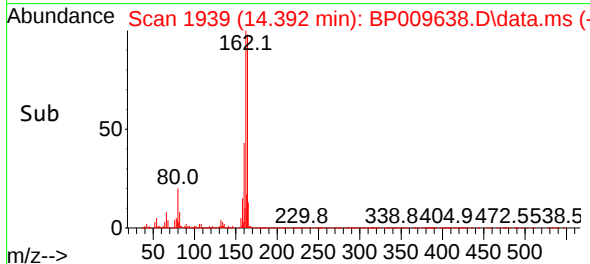
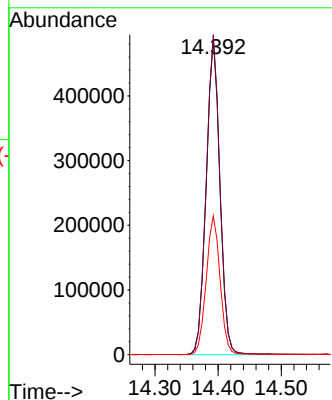
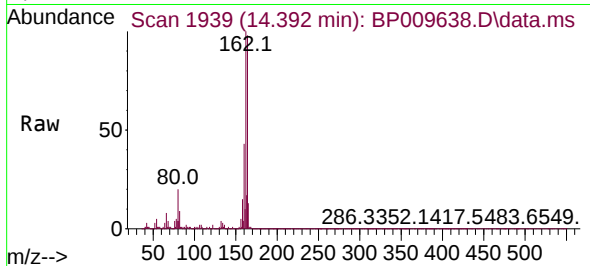




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

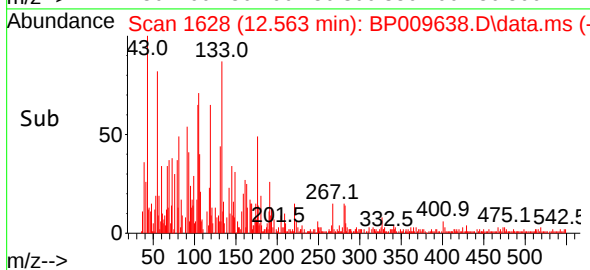
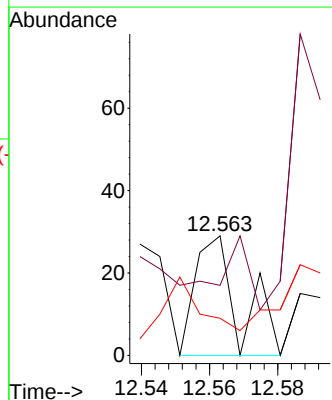
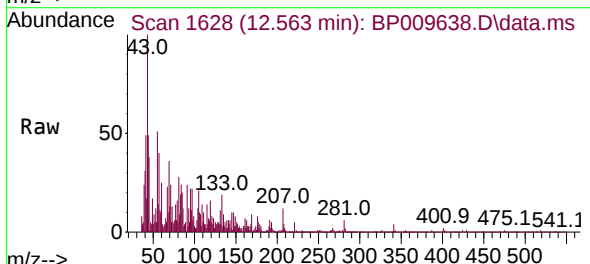
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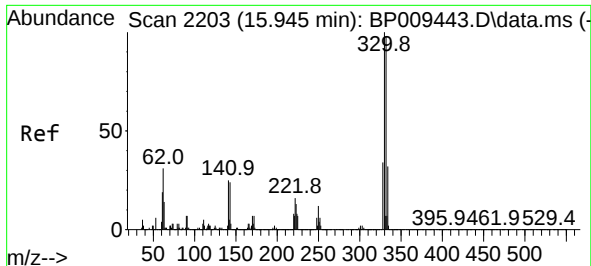
Tgt Ion:164 Resp: 738050
Ion Ratio Lower Upper
164 100
162 101.6 79.1 118.7
160 44.0 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.563 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:237 Resp: 26
Ion Ratio Lower Upper
237 100
235 58.6 42.6 82.6
272 31.0 0.0 32.8

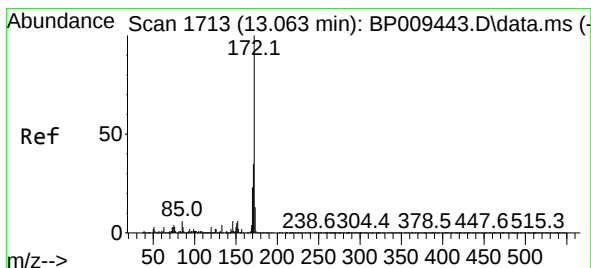
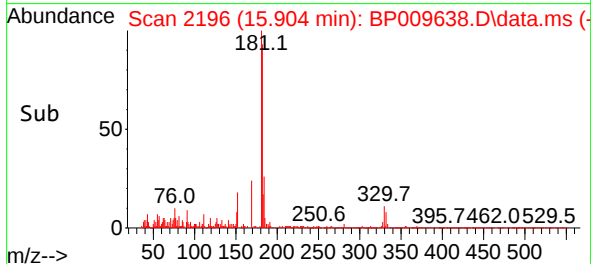
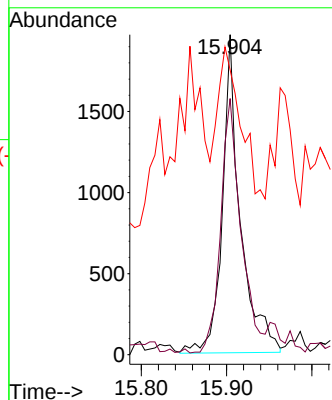
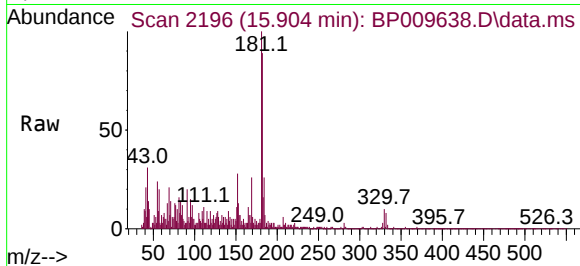




#42
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

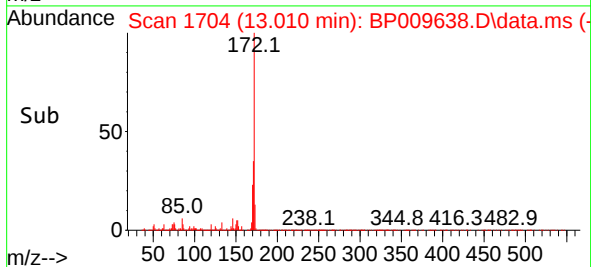
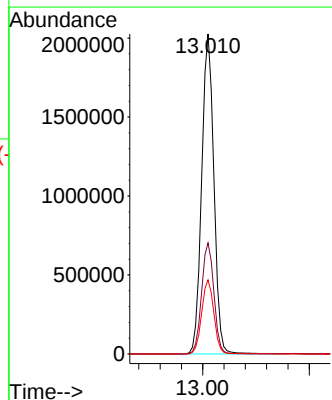
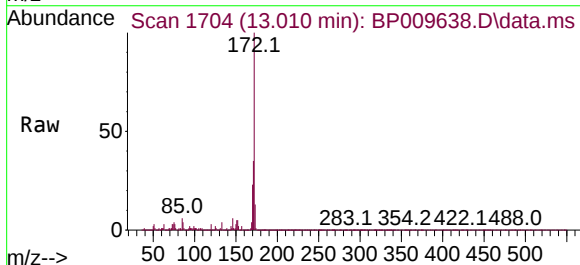
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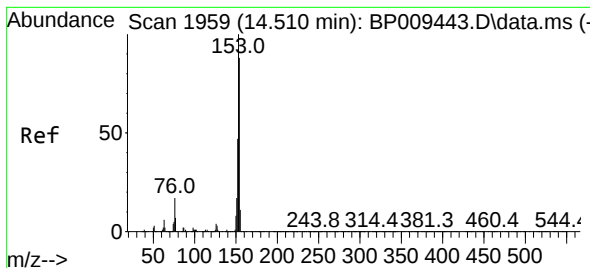
Tgt Ion:330 Resp: 2880
Ion Ratio Lower Upper
330 100
332 90.5 77.0 115.6
141 65.2 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 60.450 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:172 Resp: 3218313
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.1 18.6 27.8





#52

Acenaphthene

Concen: 2.519 ng

RT: 14.457 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BP009638.D

Acq: 31 Mar 2022 14:27

Instrument :

BNA_P

ClientSampleId :

22L076-FRE

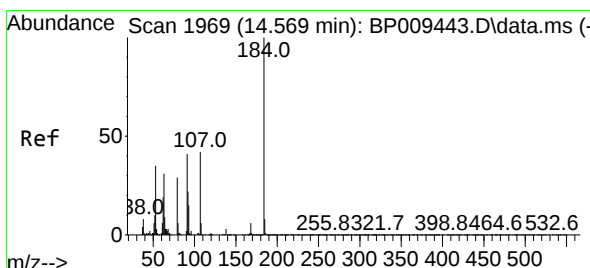
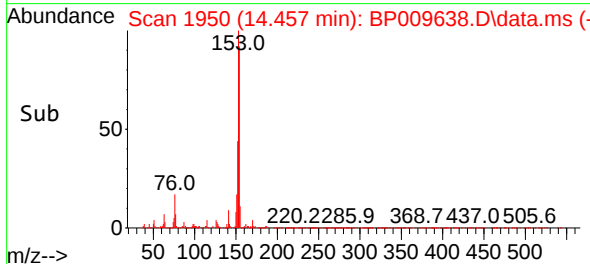
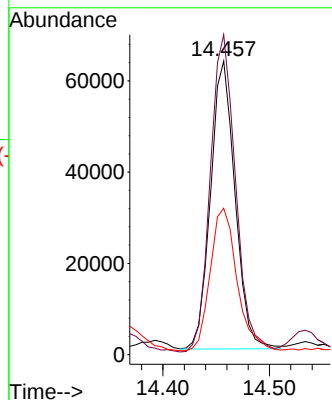
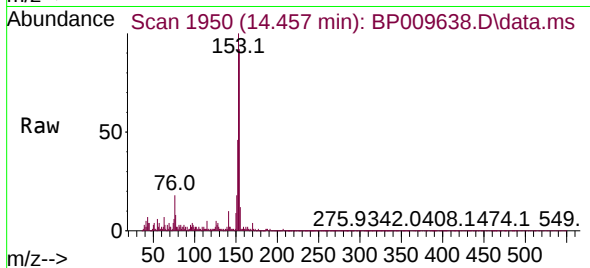
Tgt Ion:154 Resp: 100694

Ion Ratio Lower Upper

154 100

153 109.0 90.2 135.4

152 49.9 42.7 64.1



#54

2,4-Dinitrophenol

Concen: 4.548 ng

RT: 14.534 min Scan# 1963

Delta R.T. 0.006 min

Lab File: BP009638.D

Acq: 31 Mar 2022 14:27

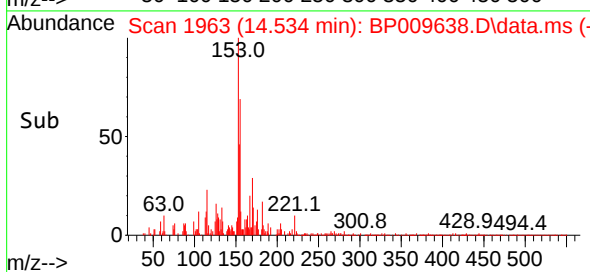
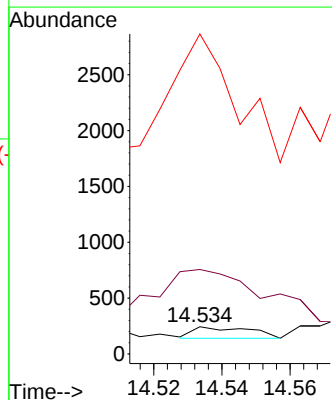
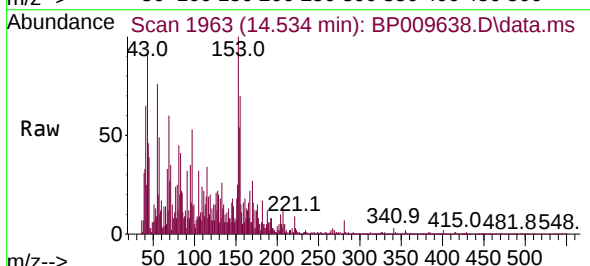
Tgt Ion:184 Resp: 118

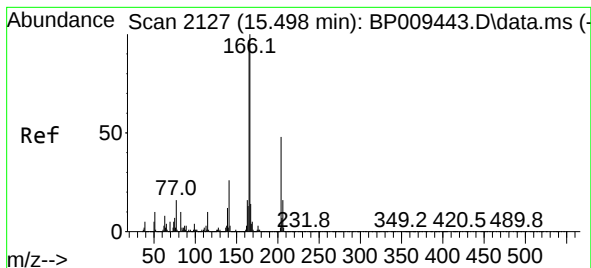
Ion Ratio Lower Upper

184 100

63 309.8 46.3 69.5#

154 1174.2 45.8 68.6#





#58

Fluorene

Concen: 2.678 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009638.D

Acq: 31 Mar 2022 14:27

Instrument :

BNA_P

ClientSampleId :

22L076-FRE

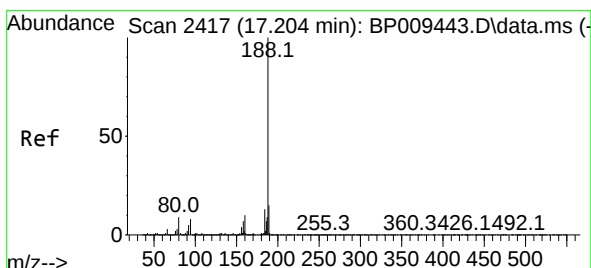
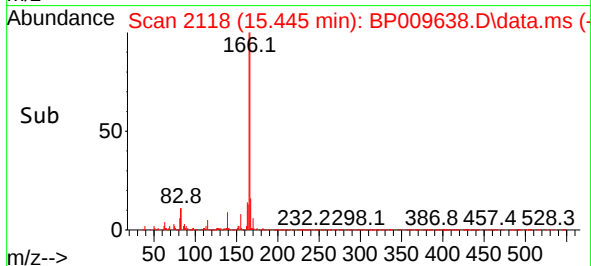
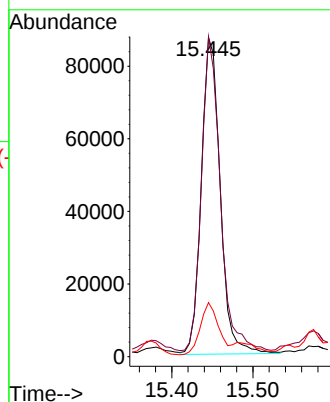
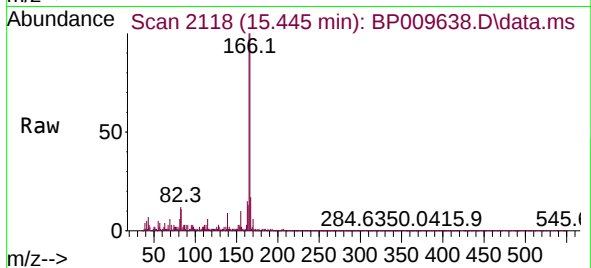
Tgt Ion:166 Resp: 141428

Ion Ratio Lower Upper

166 100

165 100.2 79.2 118.8

167 17.0 10.7 16.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP009638.D

Acq: 31 Mar 2022 14:27

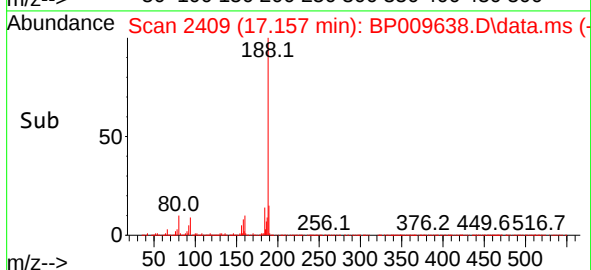
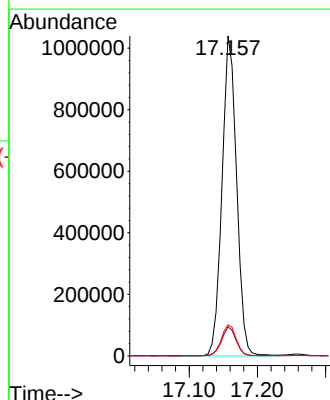
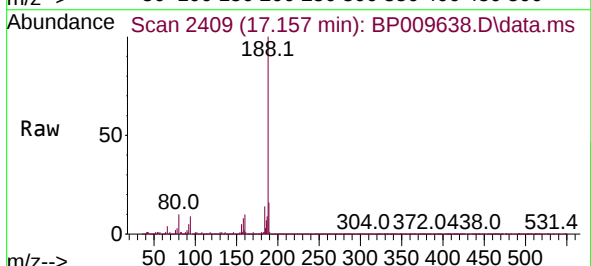
Tgt Ion:188 Resp: 1547748

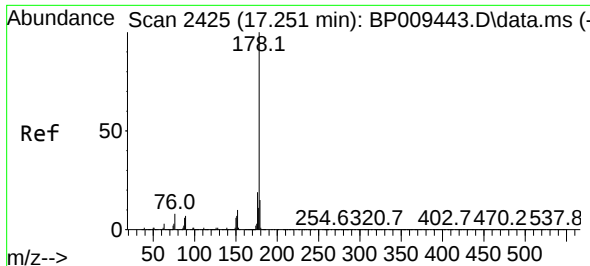
Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.8 8.8 13.2

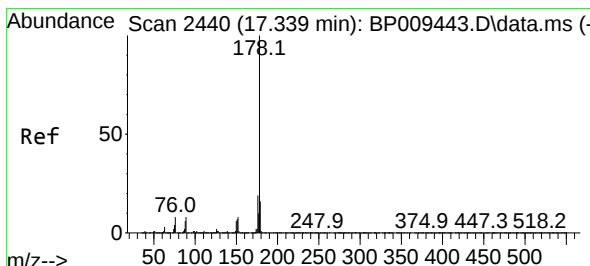
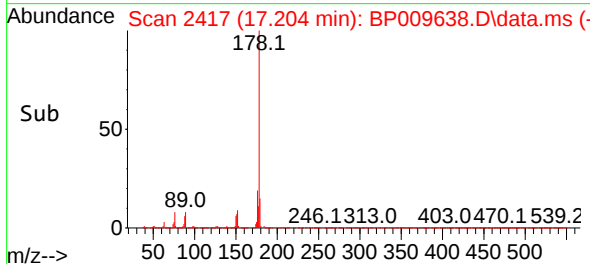
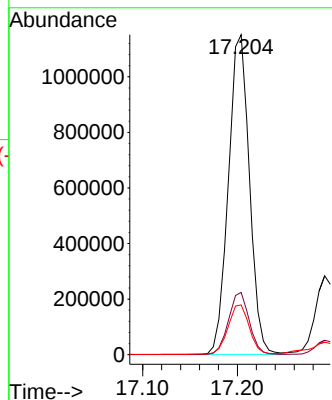
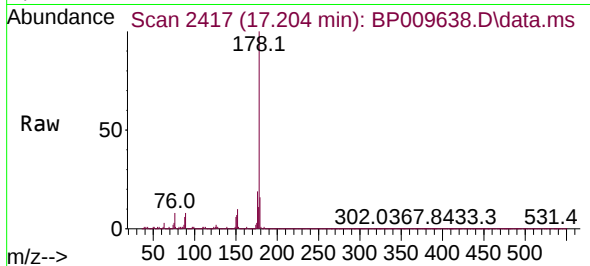




#71
Phenanthrene
Concen: 21.421 ng
RT: 17.204 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

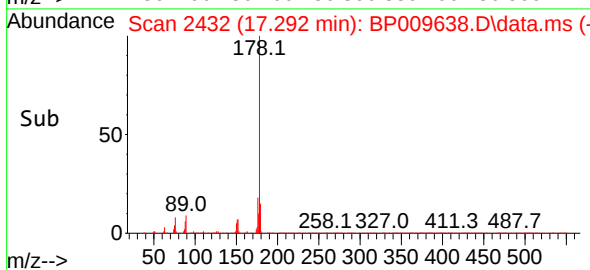
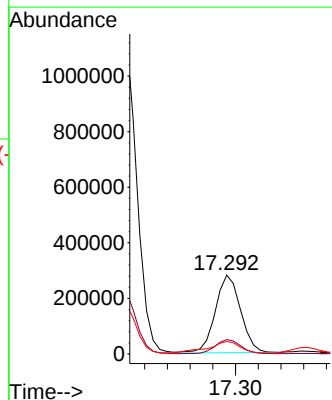
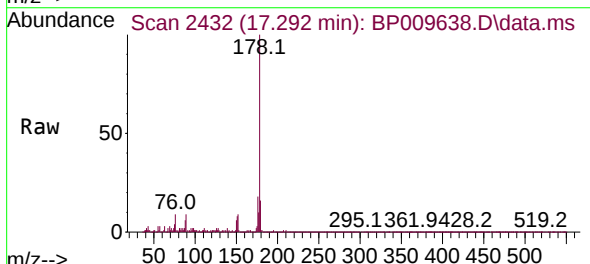
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

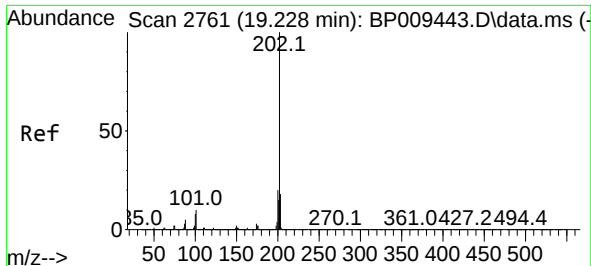
Tgt Ion:178 Resp: 1774726
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.5 12.3 18.5



#72
Anthracene
Concen: 5.263 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:178 Resp: 430530
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.9 12.2 18.4

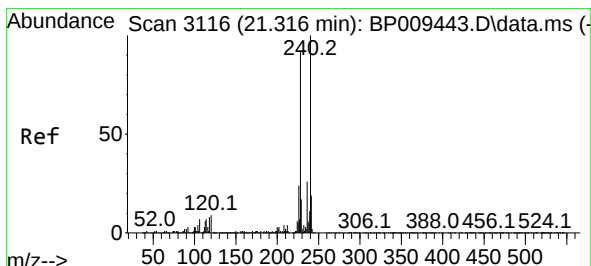
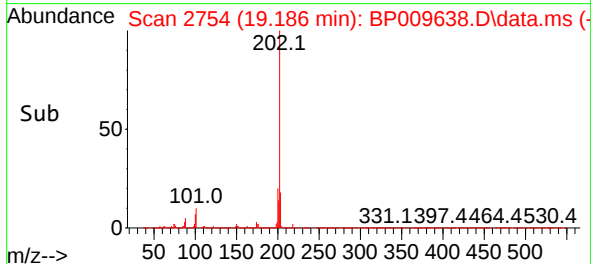
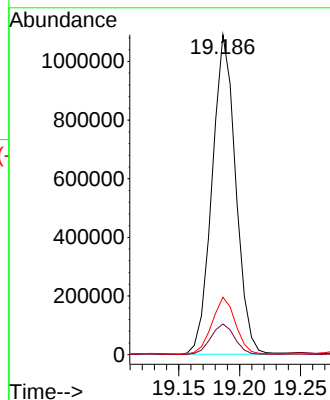
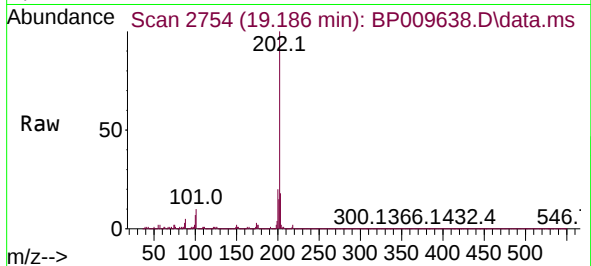




#75
Fluoranthene
Concen: 14.649 ng
RT: 19.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

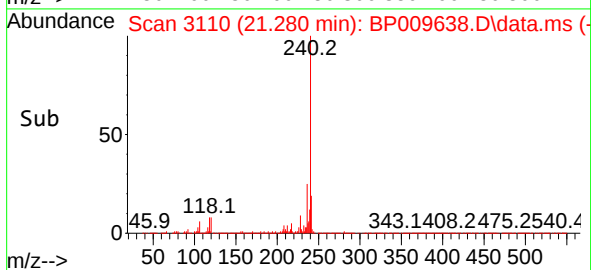
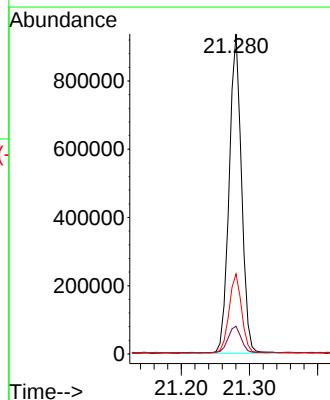
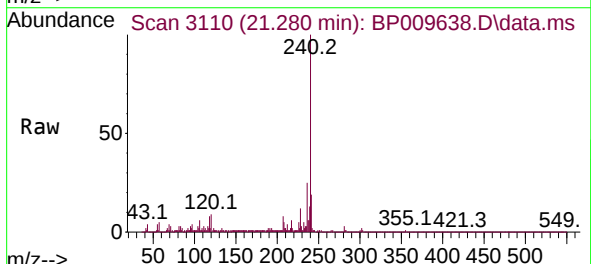
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

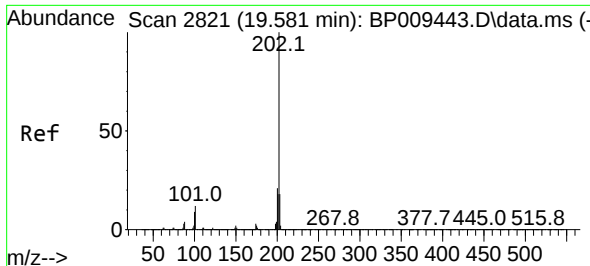
Tgt Ion:202 Resp: 1469332
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.5
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:240 Resp: 1179457
Ion Ratio Lower Upper
240 100
120 8.6 9.0 13.4#
236 25.0 20.6 30.8

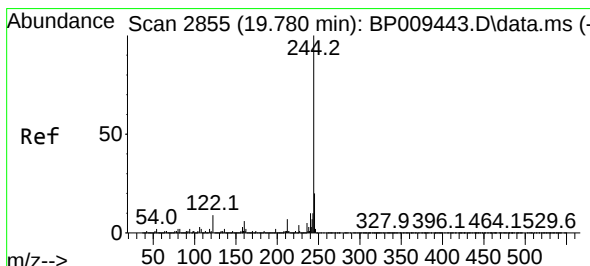
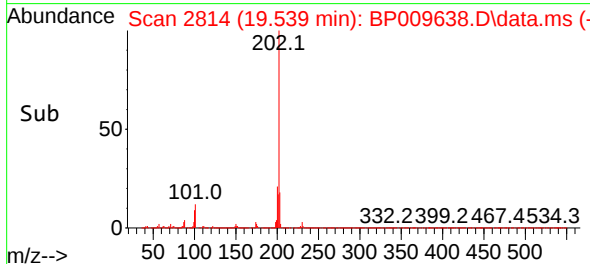
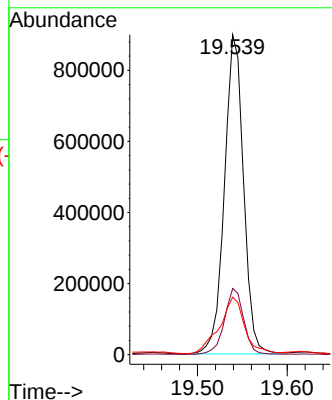
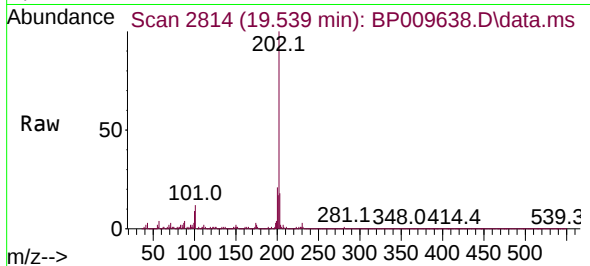




#78
Pyrene
Concen: 17.052 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

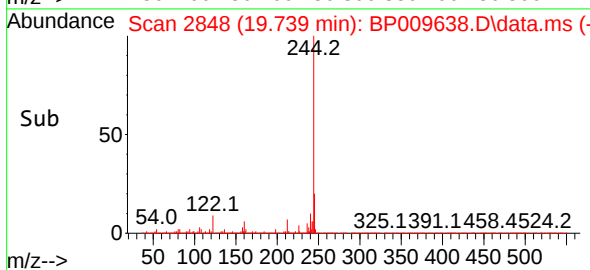
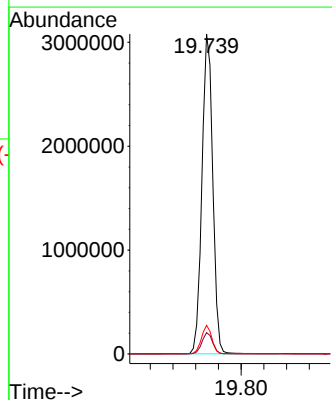
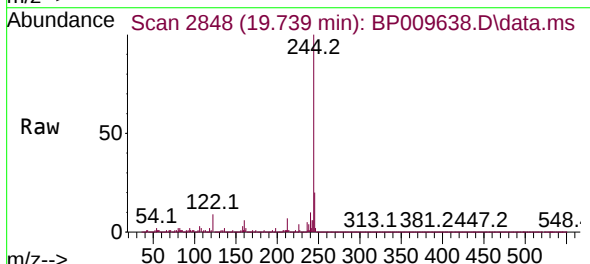
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

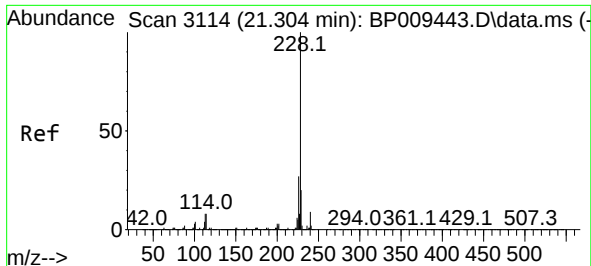
Tgt Ion:202 Resp: 1325308
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.9 14.2 21.4



#79
Terphenyl-d14
Concen: 61.899 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:244 Resp: 4067495
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 8.9 8.3 12.5

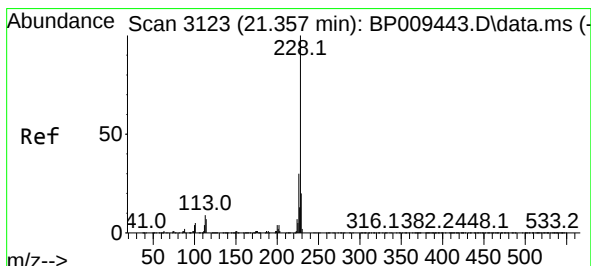
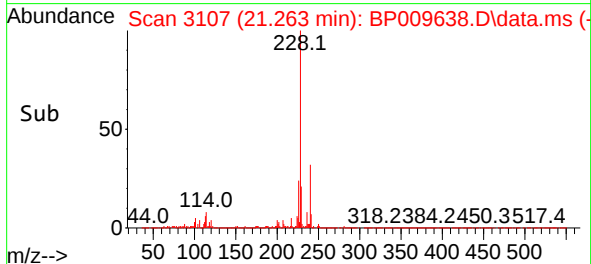
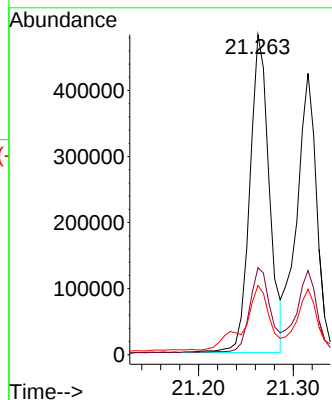
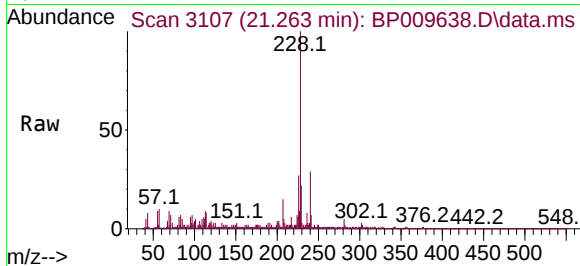




#81
Benzo(a)anthracene
Concen: 8.879 ng
RT: 21.263 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

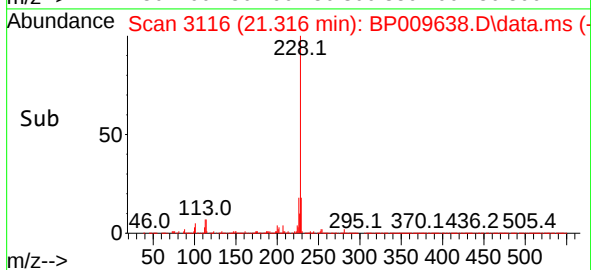
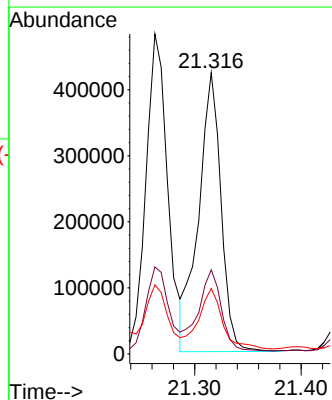
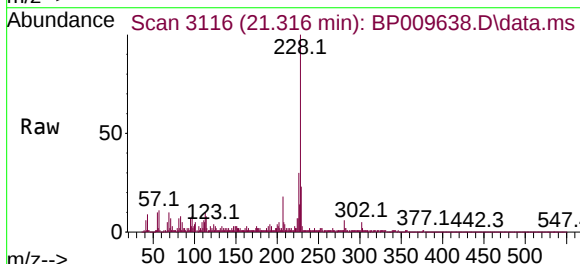
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

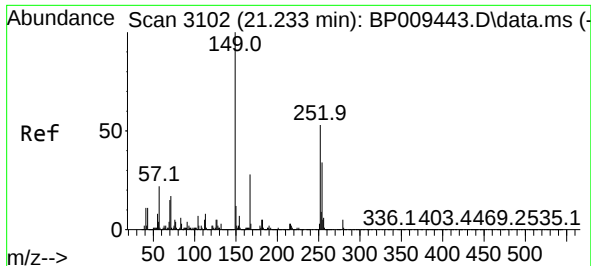
Tgt Ion:228 Resp: 688041
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 21.6 16.1 24.1



#83
Chrysene
Concen: 8.478 ng
RT: 21.316 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:228 Resp: 622053
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 23.2 16.1 24.1

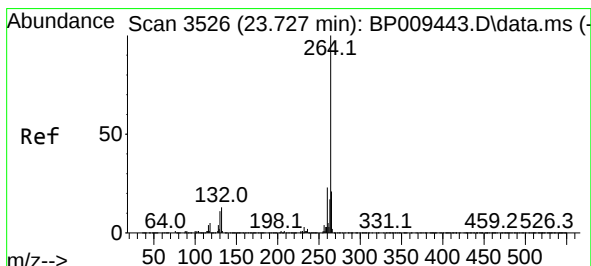
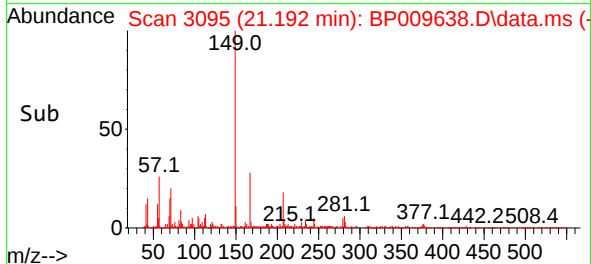
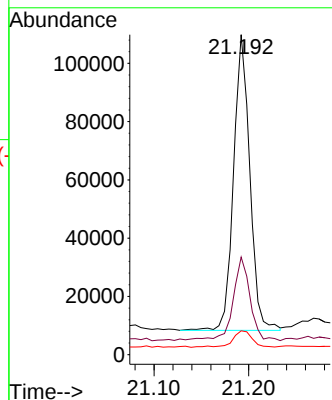
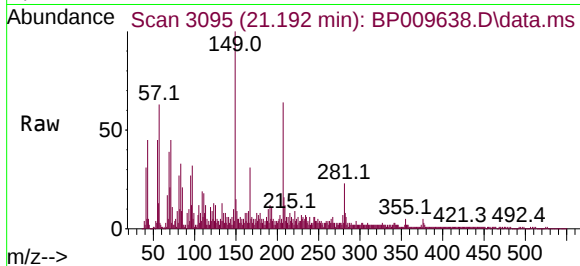




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.625 ng
RT: 21.192 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

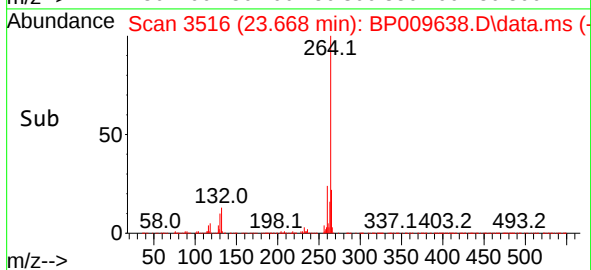
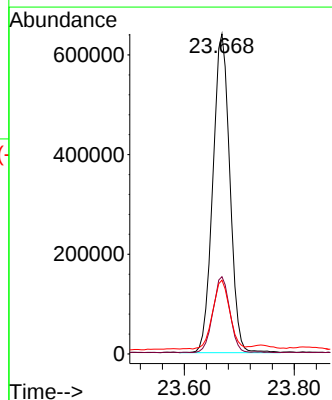
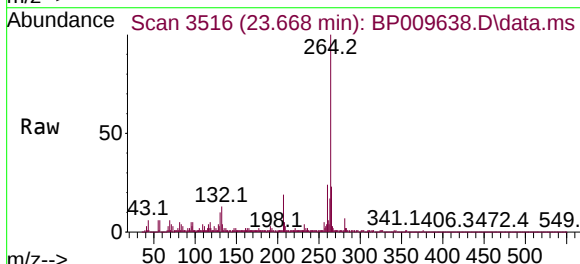
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

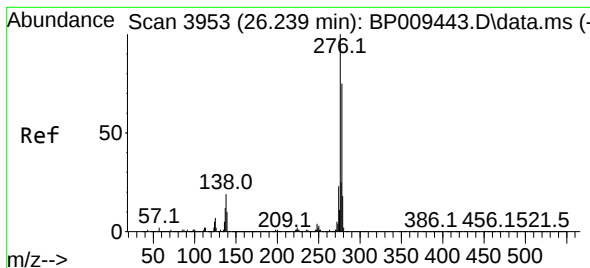
Tgt Ion:149 Resp: 120878
Ion Ratio Lower Upper
149 100
167 30.5 22.6 33.8
279 7.5 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.668 min Scan# 3516
Delta R.T. 0.018 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:264 Resp: 1371047
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 23.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.384 ng

RT: 26.151 min Scan# 3938

Delta R.T. 0.012 min

Lab File: BP009638.D

Acq: 31 Mar 2022 14:27

Instrument :

BNA_P

ClientSampleId :

22L076-FRE

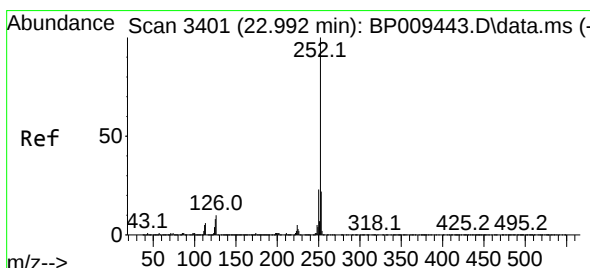
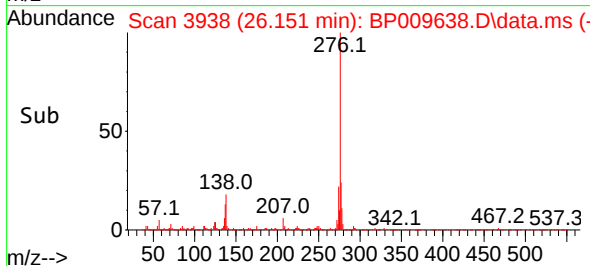
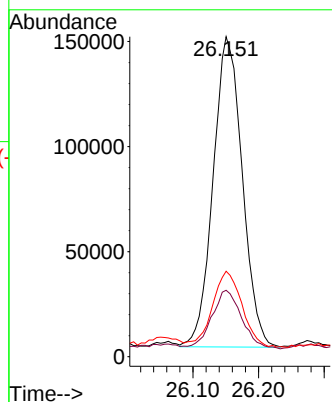
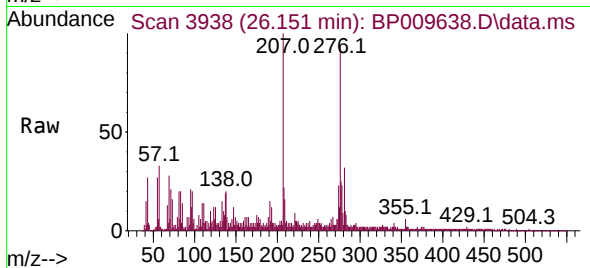
Tgt Ion:276 Resp: 456034

Ion Ratio Lower Upper

276 100

138 19.3 20.5 30.7#

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 12.512 ng

RT: 22.945 min Scan# 3393

Delta R.T. 0.018 min

Lab File: BP009638.D

Acq: 31 Mar 2022 14:27

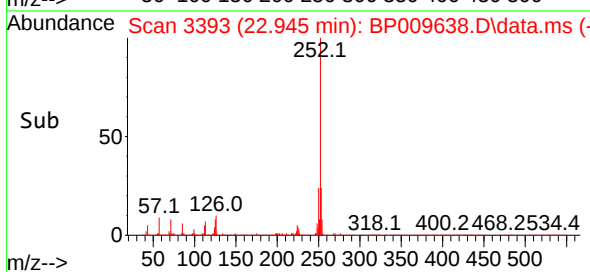
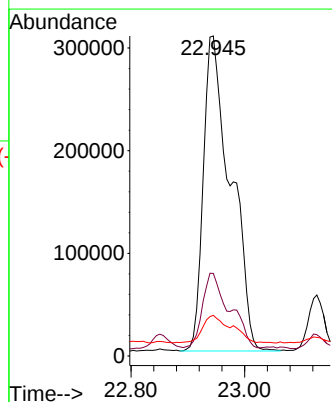
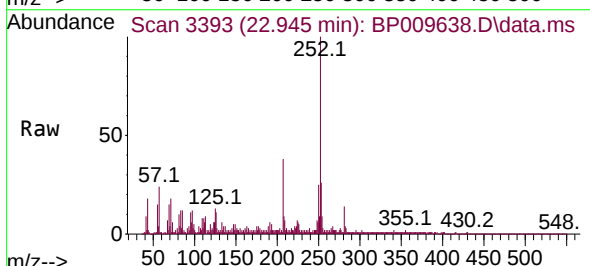
Tgt Ion:252 Resp: 1024112

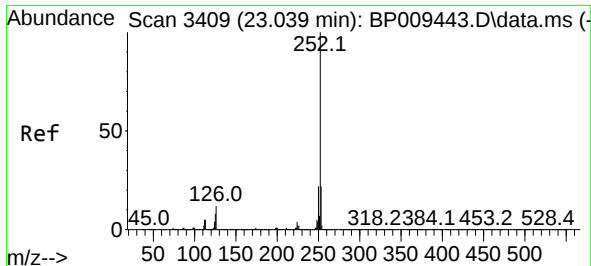
Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

125 12.7 8.1 12.1#

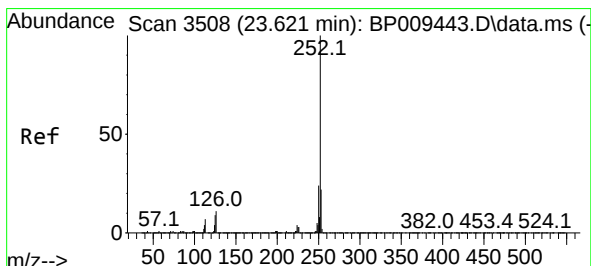
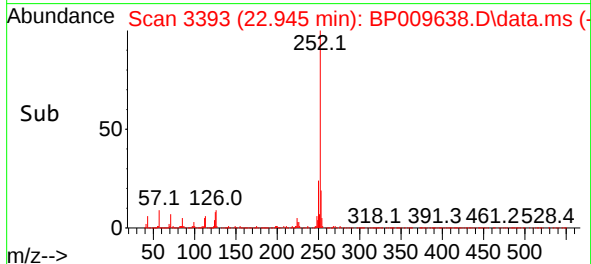
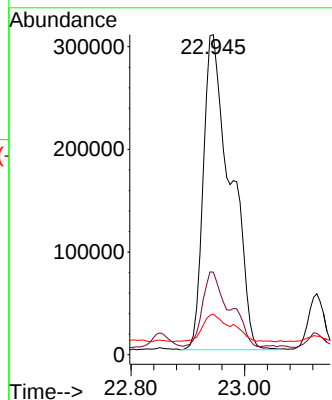
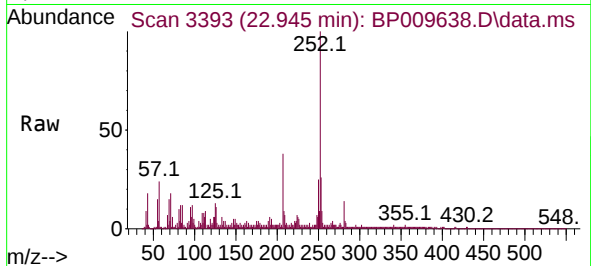




#89
Benzo(k)fluoranthene
Concen: 12.779 ng
RT: 22.945 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

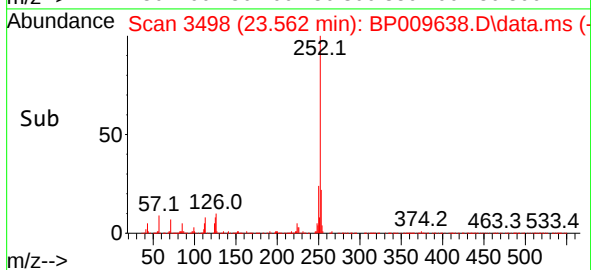
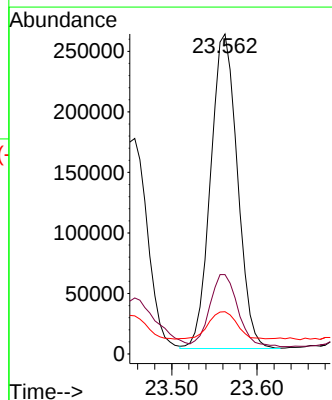
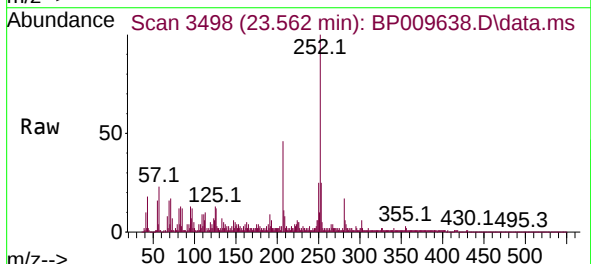
Instrument :
BNA_P
ClientSampleId :
22L076-FRE

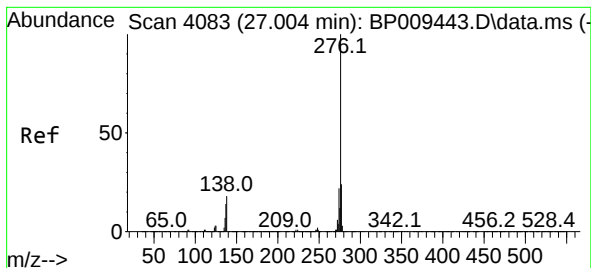
Tgt Ion:252 Resp: 1024112
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 12.7 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 8.115 ng
RT: 23.562 min Scan# 3498
Delta R.T. 0.012 min
Lab File: BP009638.D
Acq: 31 Mar 2022 14:27

Tgt Ion:252 Resp: 568272
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 13.2 9.3 13.9





#92

Benzo(g,h,i)perylene

Concen: 5.516 ng

RT: 26.921 min Scan# 40

Delta R.T. 0.023 min

Lab File: BP009638.D

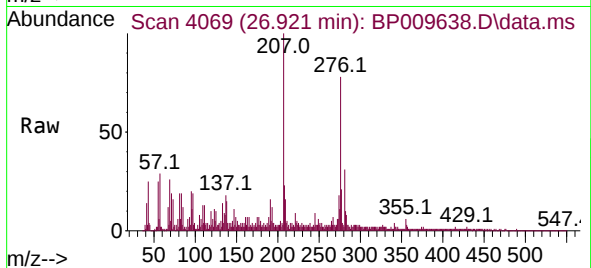
Acq: 31 Mar 2022 14:27

Instrument :

BNA_P

ClientSampleId :

22L076-FRE



Tgt Ion:276 Resp: 470446

Ion Ratio Lower Upper

276 100

277 26.3 19.2 28.8

138 19.2 18.0 27.0

