

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009519.D
 Acq On : 23 Mar 2022 22:34
 Operator : CG/JU
 Sample : N2072-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-03-32222

Quant Time: Mar 24 01:22:54 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 24 01:19:11 2022
 Response via : Initial Calibration

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

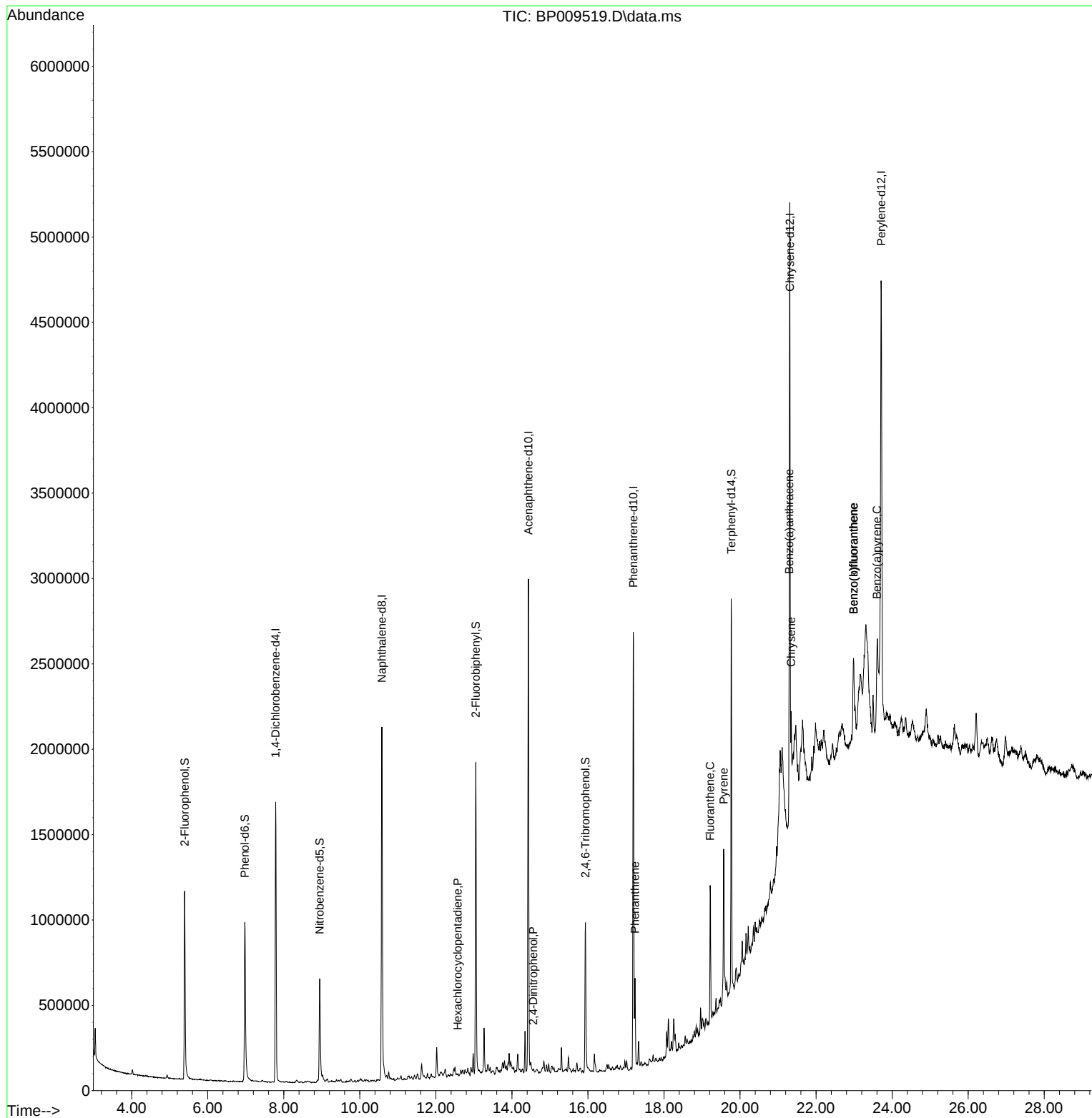
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	513130	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1973025	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1065135	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1742735	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1790671	20.000	ng	0.00
86) Perylene-d12	23.715	264	2020236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	622849	21.193	ng	0.00
7) Phenol-d6	6.975	99	766522	19.286	ng	0.00
23) Nitrobenzene-d5	8.946	82	473804	12.761	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	217380	12.368	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1121085	14.591	ng	0.00
79) Terphenyl-d14	19.769	244	1231394	12.343	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.910	77	557	Below Cal	#	26
41) Hexachlorocyclopentadiene	12.575	237	42	7.291	ng	93
54) 2,4-Dinitrophenol	14.563	184	56	4.538	ng	# 1
71) Phenanthrene	17.239	178	347216	3.722	ng	99
75) Fluoranthene	19.216	202	524009	4.640	ng	99
78) Pyrene	19.569	202	572054	4.848	ng	99
81) Benzo(a)anthracene	21.292	228	310823	2.642	ng	93
83) Chrysene	21.345	228	291347	2.615	ng	97
88) Benzo(b)fluoranthene	22.986	252	400005	3.317	ng	# 89
89) Benzo(k)fluoranthene	22.986	252	400005	3.388	ng	# 88
90) Benzo(a)pyrene	23.604	252	307706	2.982	ng	# 93

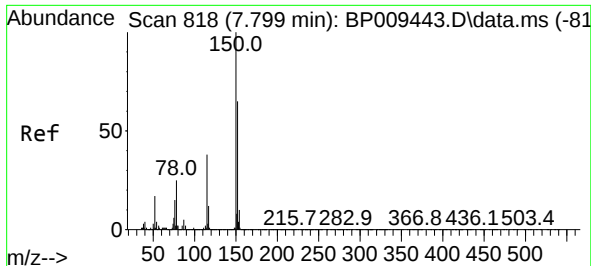
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
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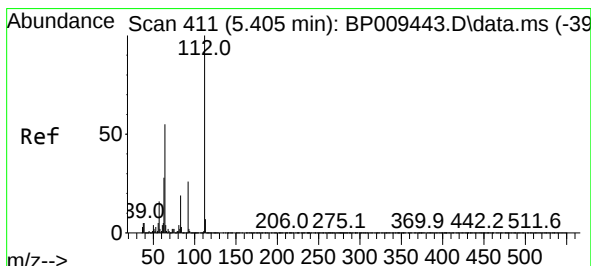
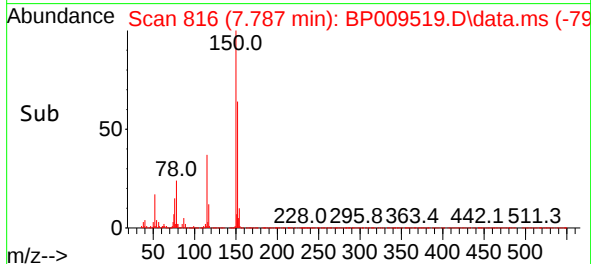
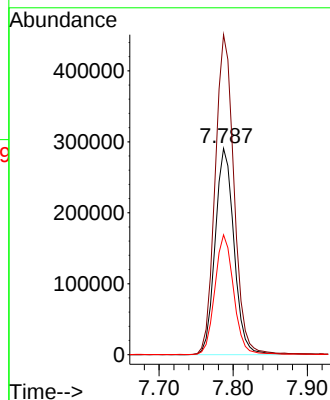
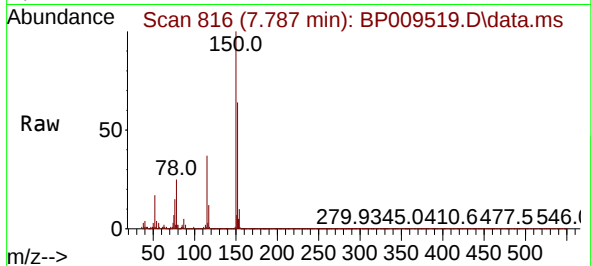




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009519.D
 Acq: 23 Mar 2022 22:34

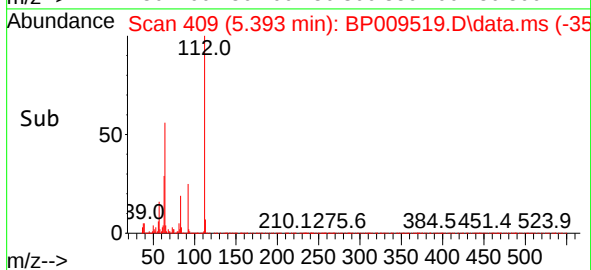
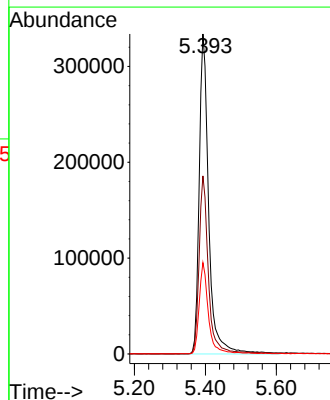
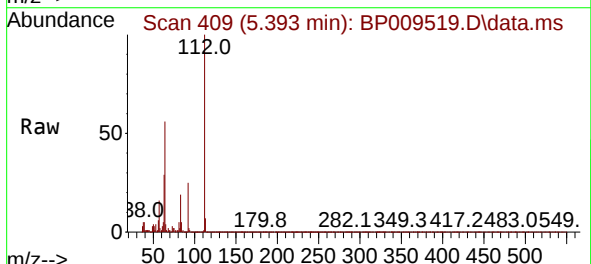
Instrument :
 BNA_P
 ClientSampleId :
 EO-03-32222

Tgt Ion:152 Resp: 513130
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.5 186.7
 115 58.1 48.2 72.4



#5
 2-Fluorophenol
 Concen: 21.193 ng
 RT: 5.393 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: BP009519.D
 Acq: 23 Mar 2022 22:34

Tgt Ion:112 Resp: 622849
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.0 67.4
 63 28.6 23.0 34.6

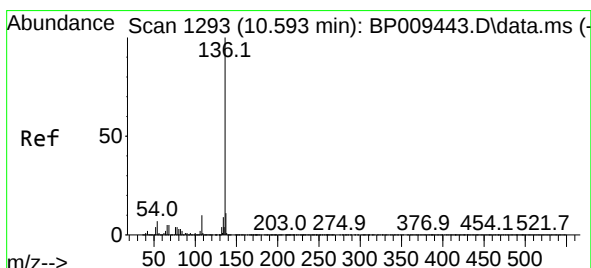
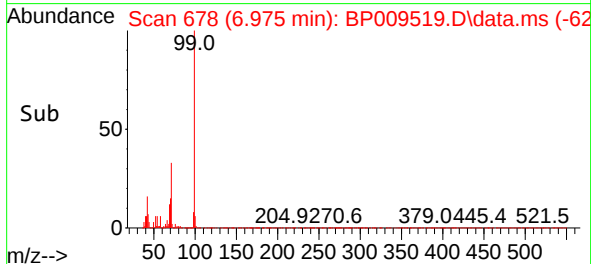
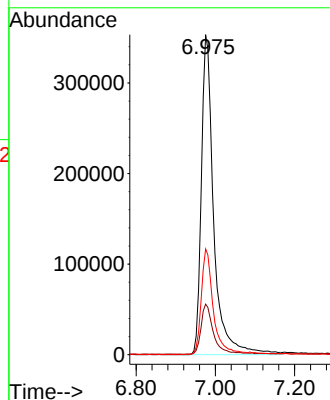
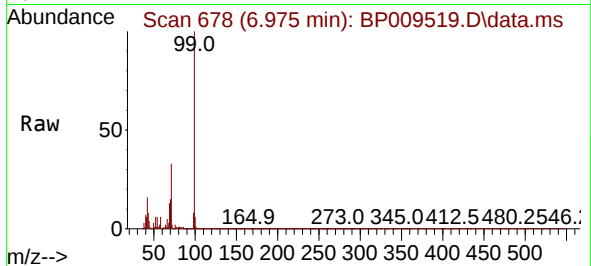




#7
Phenol-d6
Concen: 19.286 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

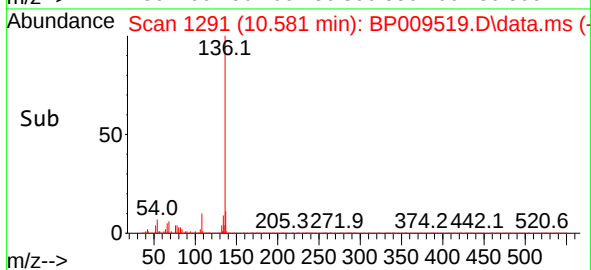
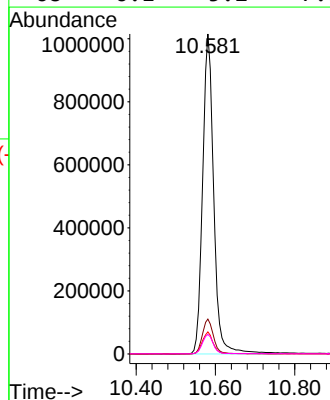
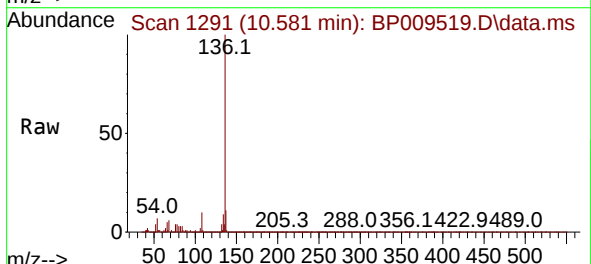
Instrument :
BNA_P
ClientSampleId :
EO-03-32222

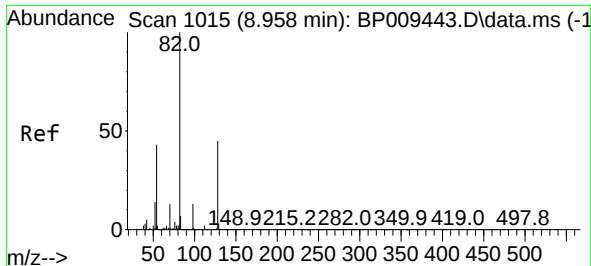
Tgt Ion: 99 Resp: 766522
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Tgt Ion: 136 Resp: 1973025
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 5.8 8.8
68 6.1 5.2 7.8

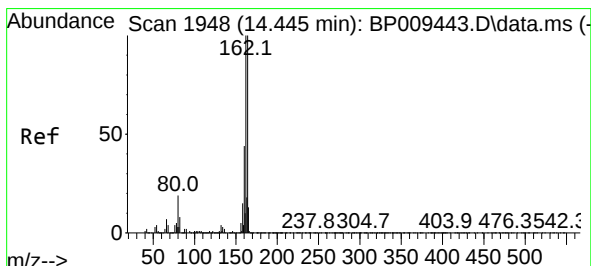
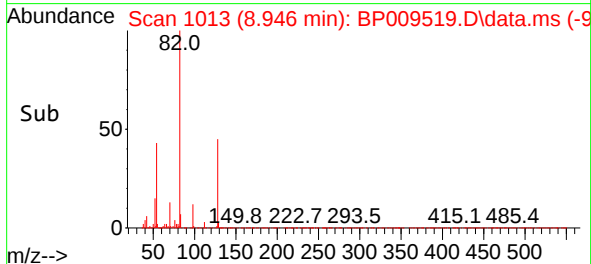
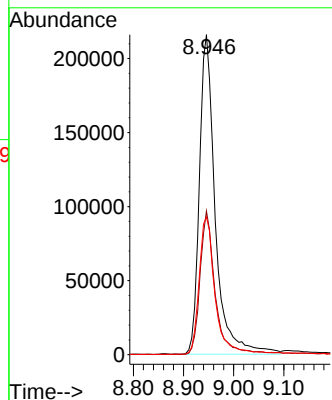
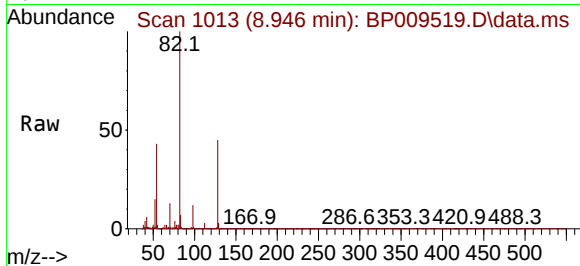




#23
Nitrobenzene-d5
Concen: 12.761 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

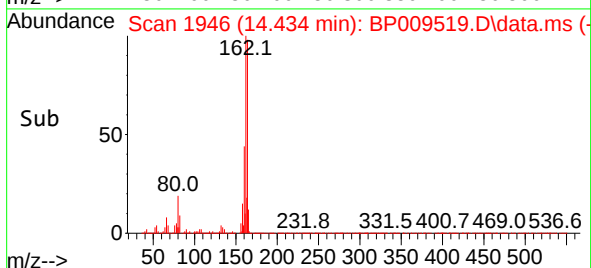
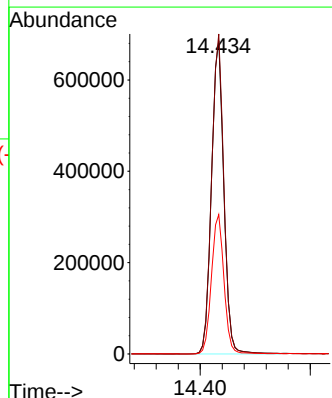
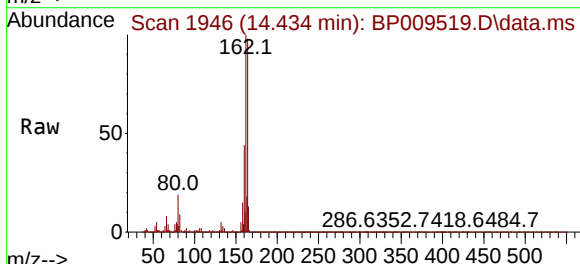
Instrument :
BNA_P
ClientSampleId :
EO-03-32222

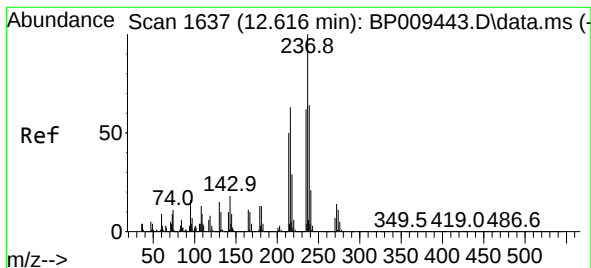
Tgt Ion: 82 Resp: 473804
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Tgt Ion:164 Resp: 1065135
Ion Ratio Lower Upper
164 100
162 102.1 79.1 118.7
160 44.5 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.291 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

Instrument :

BNA_P

ClientSampleId :

EO-03-32222

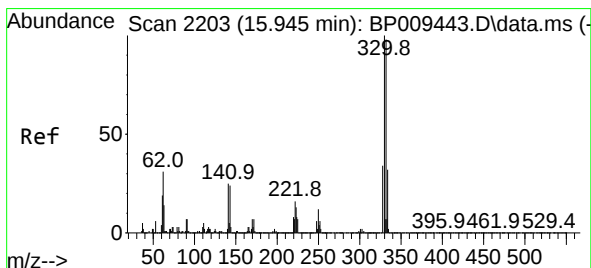
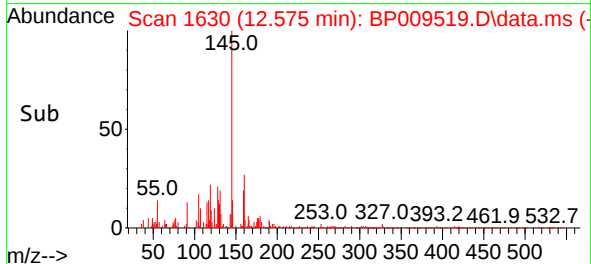
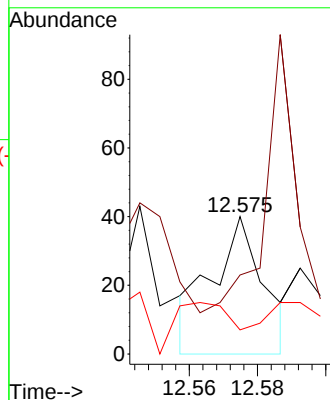
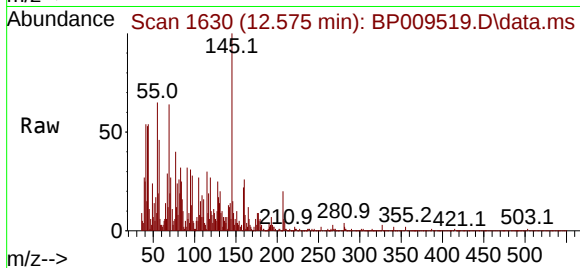
Tgt Ion:237 Resp: 42

Ion Ratio Lower Upper

237 100

235 57.5 42.6 82.6

272 17.5 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 12.368 ng

RT: 15.934 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

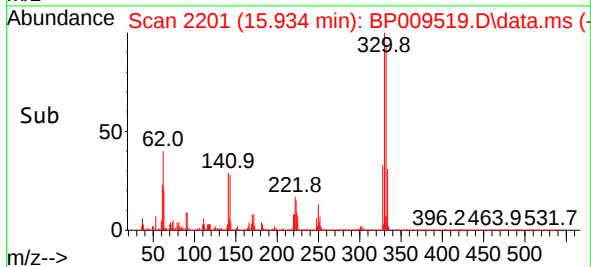
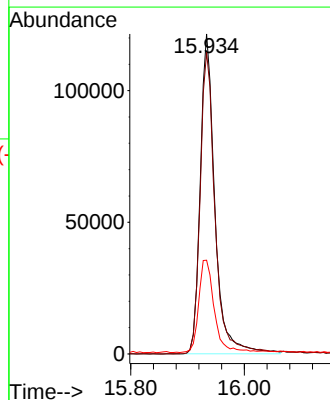
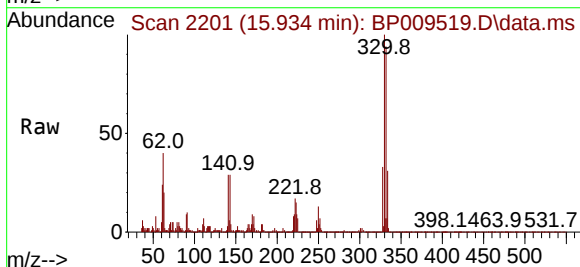
Tgt Ion:330 Resp: 217380

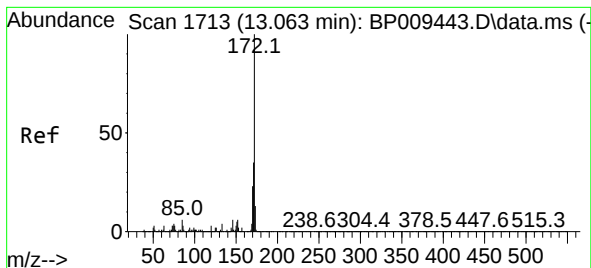
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 30.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 14.591 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

Instrument :

BNA_P

ClientSampleId :

EO-03-32222

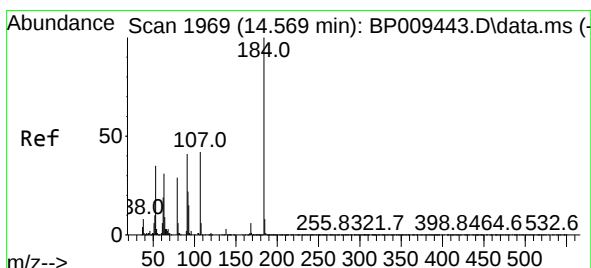
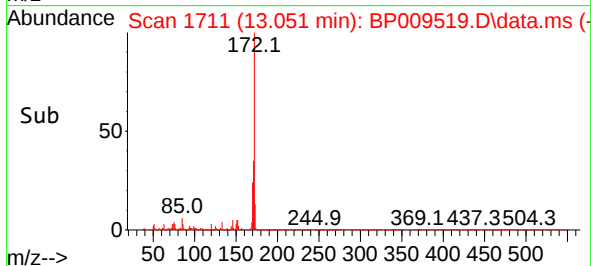
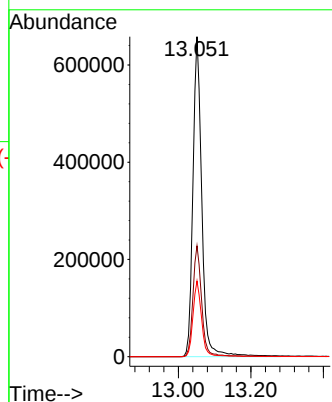
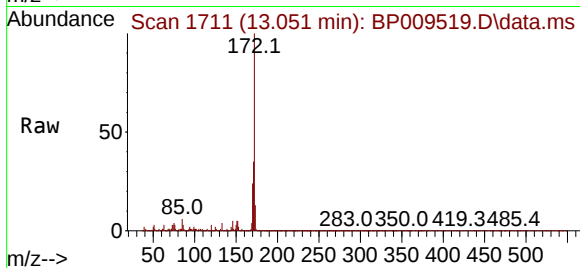
Tgt Ion:172 Resp: 1121085

Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.538 ng

RT: 14.563 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

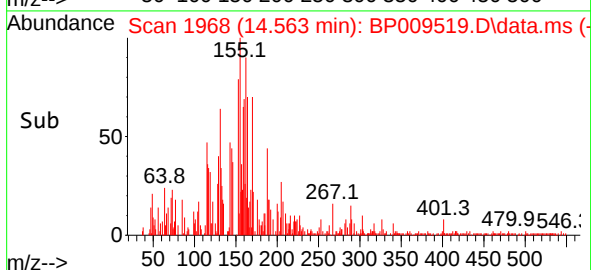
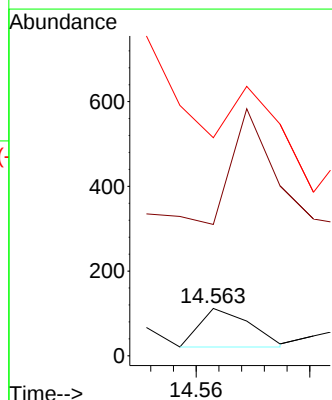
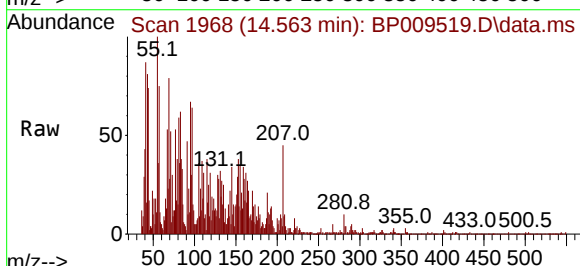
Tgt Ion:184 Resp: 56

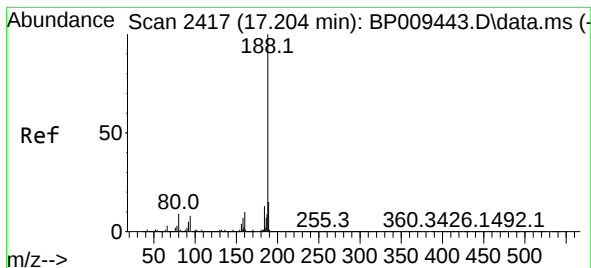
Ion Ratio Lower Upper

184 100

63 276.8 46.3 69.5#

154 459.8 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

Instrument :

BNA_P

ClientSampleId :

EO-03-32222

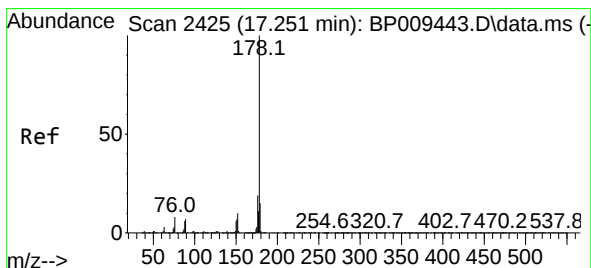
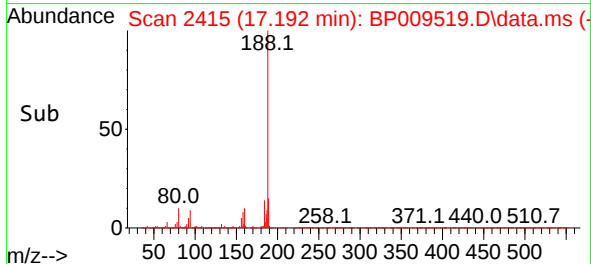
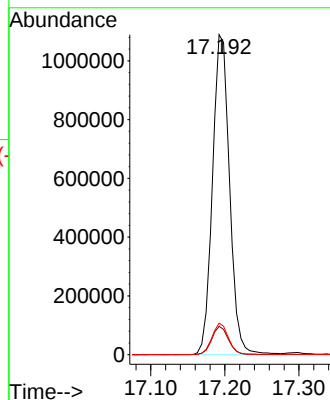
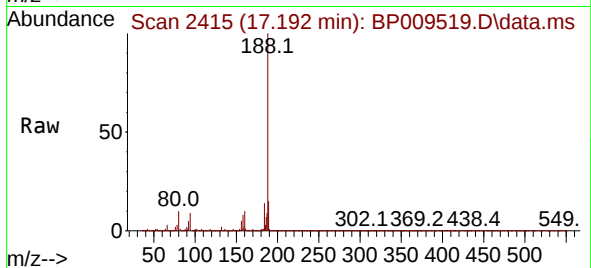
Tgt Ion:188 Resp: 1742735

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

80 9.9 8.8 13.2



#71

Phenanthrene

Concen: 3.722 ng

RT: 17.239 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

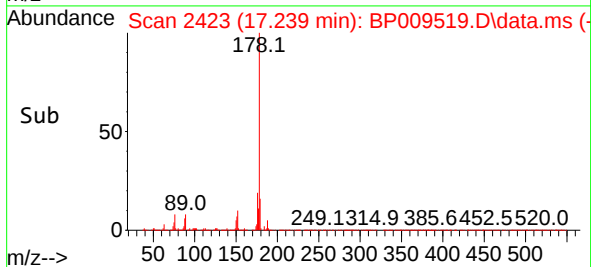
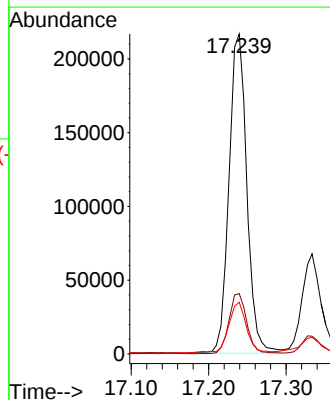
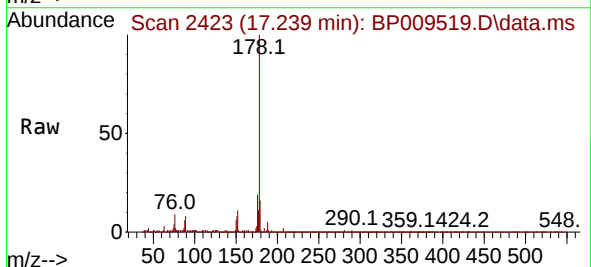
Tgt Ion:178 Resp: 347216

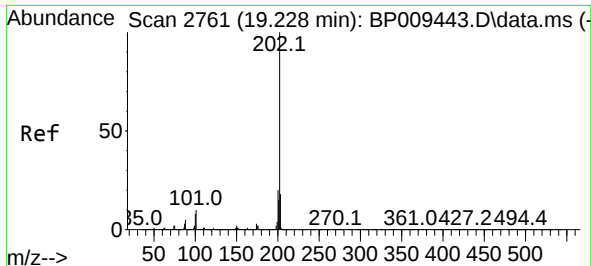
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 16.2 12.3 18.5

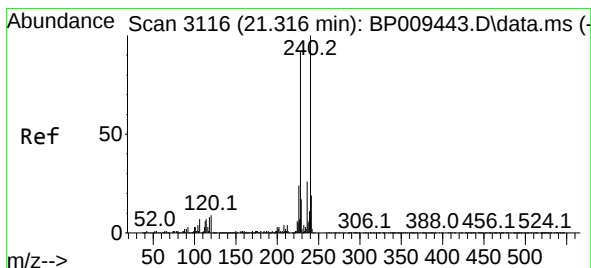
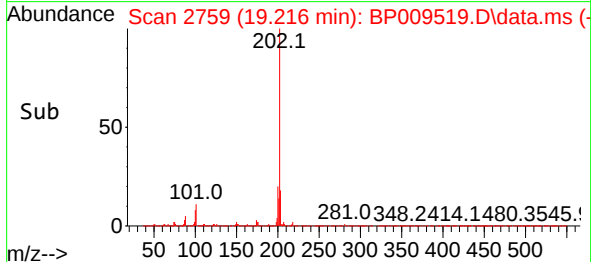
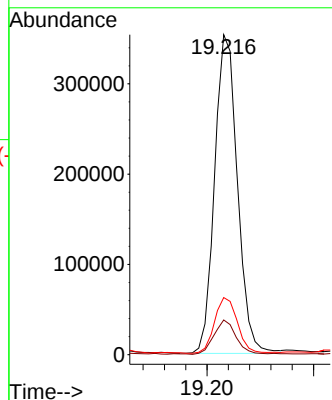
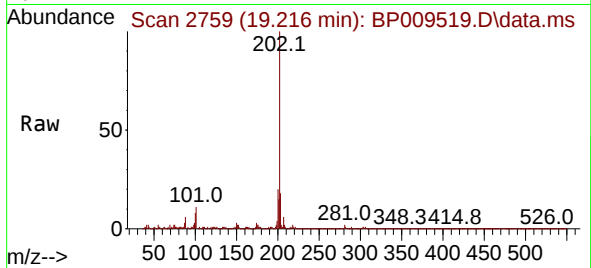




#75
Fluoranthene
Concen: 4.640 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

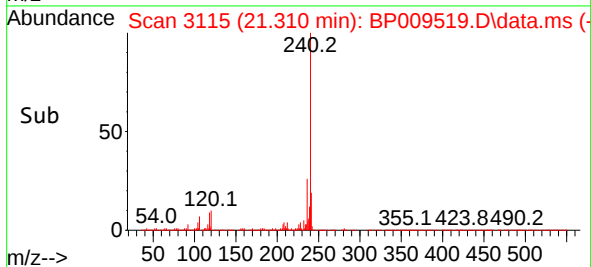
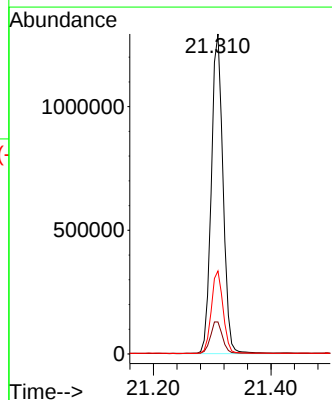
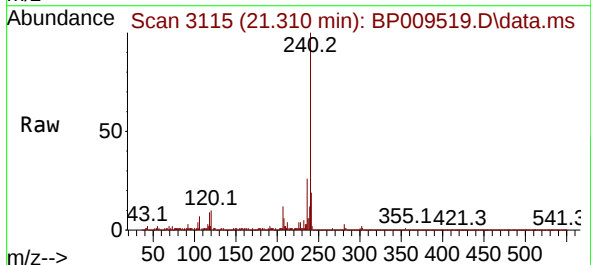
Instrument :
BNA_P
ClientSampleId :
EO-03-32222

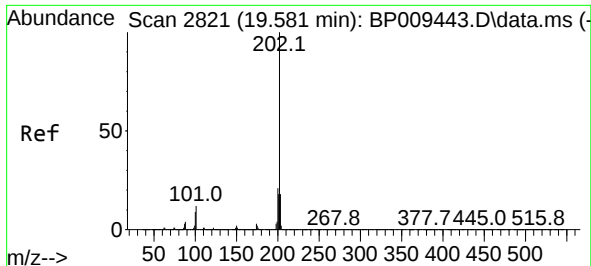
Tgt Ion:202 Resp: 524009
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Tgt Ion:240 Resp: 1790671
Ion Ratio Lower Upper
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120 10.0 9.0 13.4
236 25.9 20.6 30.8

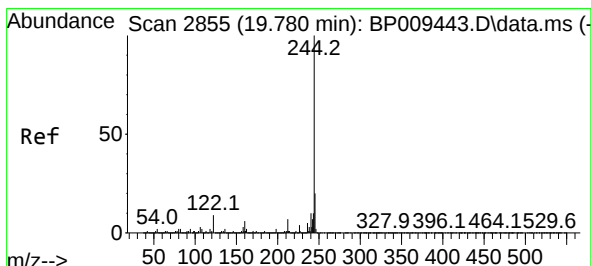
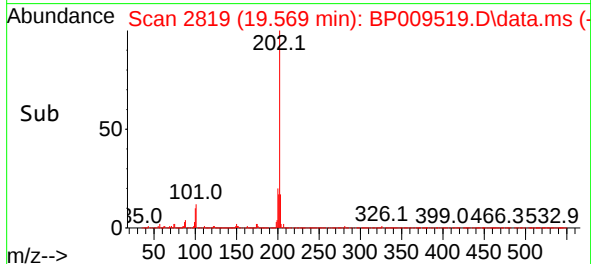
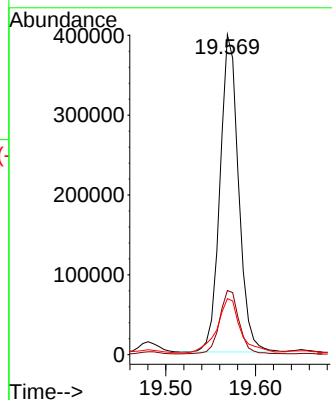
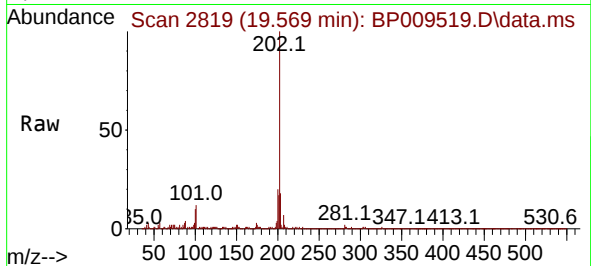




#78
 Pyrene
 Concen: 4.848 ng
 RT: 19.569 min Scan# 2819
 Delta R.T. -0.006 min
 Lab File: BP009519.D
 Acq: 23 Mar 2022 22:34

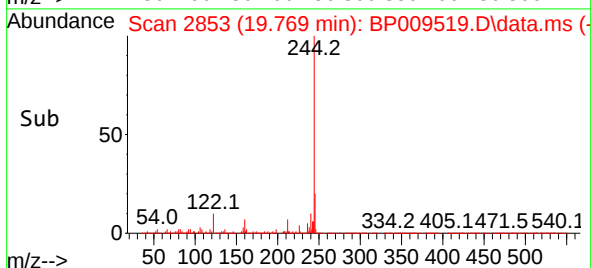
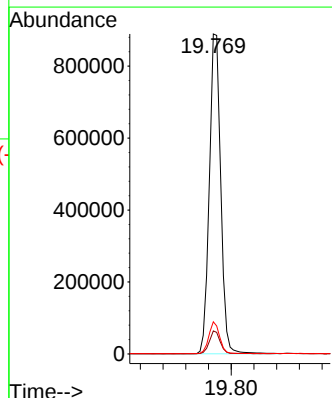
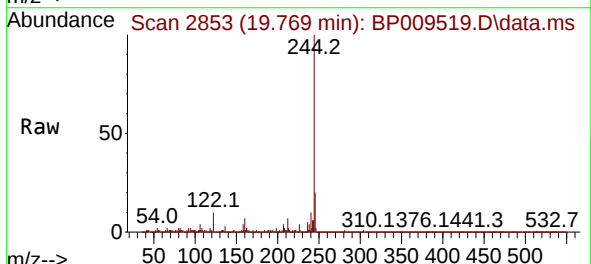
Instrument :
 BNA_P
 ClientSampleId :
 EO-03-32222

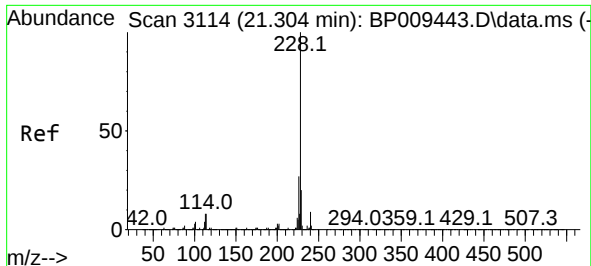
Tgt Ion:202 Resp: 572054
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.8 25.2
 203 17.5 14.2 21.4



#79
 Terphenyl-d14
 Concen: 12.343 ng
 RT: 19.769 min Scan# 2853
 Delta R.T. -0.012 min
 Lab File: BP009519.D
 Acq: 23 Mar 2022 22:34

Tgt Ion:244 Resp: 1231394
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.1 8.3 12.5

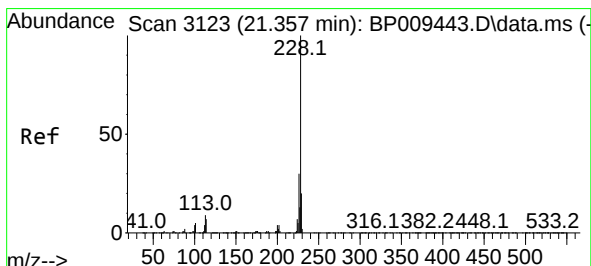
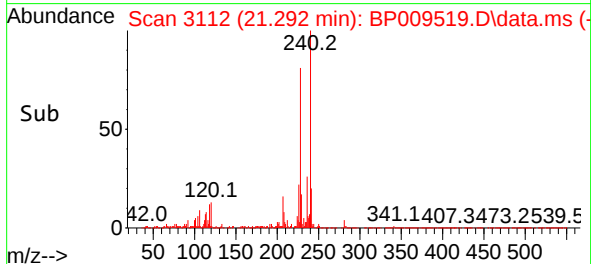
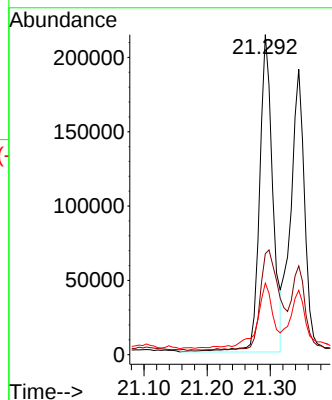
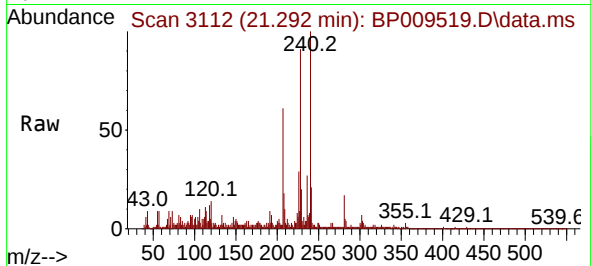




#81
Benzo(a)anthracene
Concen: 2.642 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

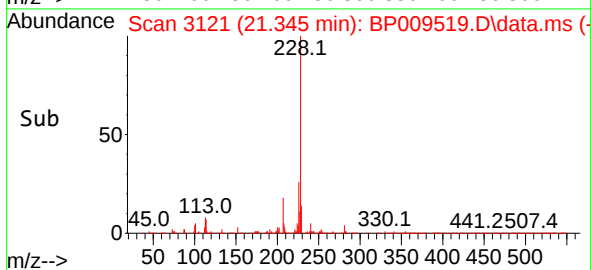
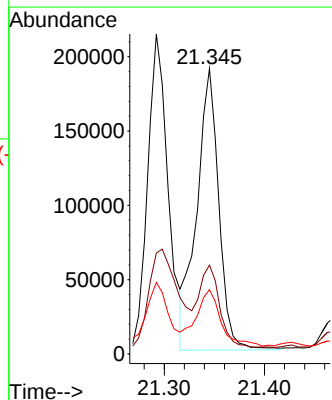
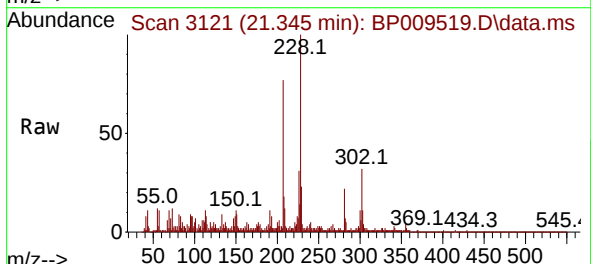
Instrument :
BNA_P
ClientSampleId :
EO-03-32222

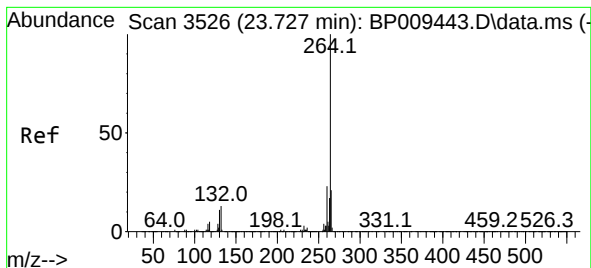
Tgt Ion:228 Resp: 310823
Ion Ratio Lower Upper
228 100
226 31.6 22.0 33.0
229 22.4 16.1 24.1



#83
Chrysene
Concen: 2.615 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Tgt Ion:228 Resp: 291347
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 22.5 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

Instrument :

BNA_P

ClientSampleId :

EO-03-32222

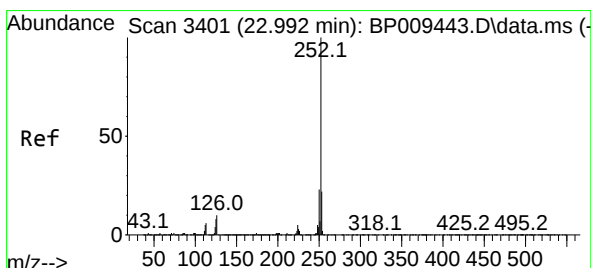
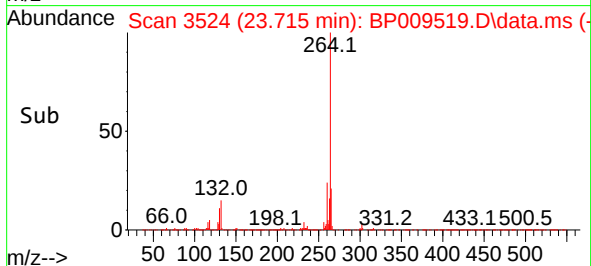
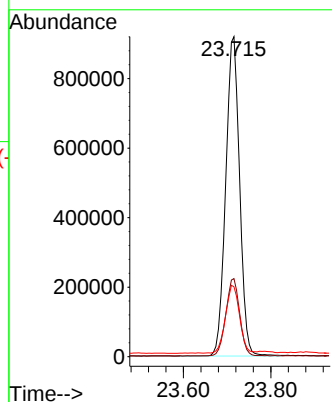
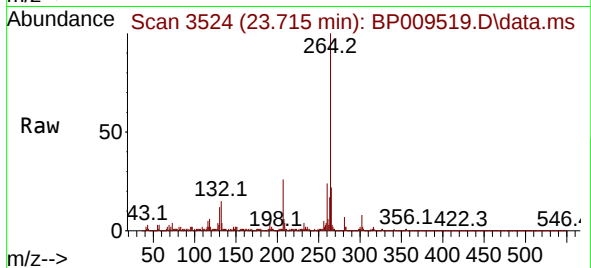
Tgt Ion:264 Resp: 2020236

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 21.9 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.317 ng

RT: 22.986 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP009519.D

Acq: 23 Mar 2022 22:34

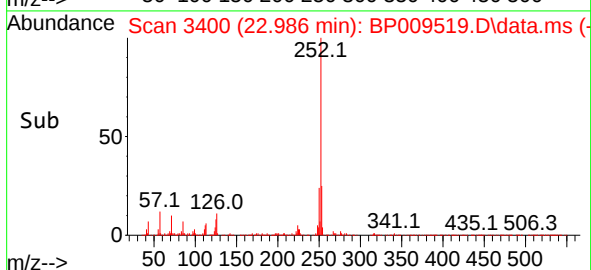
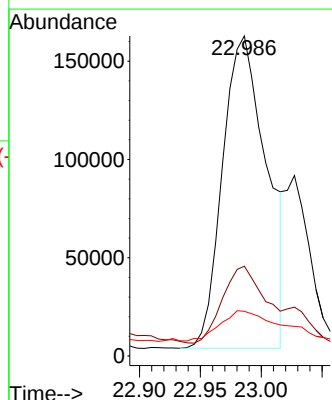
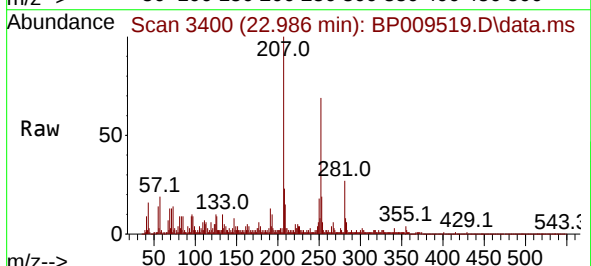
Tgt Ion:252 Resp: 400005

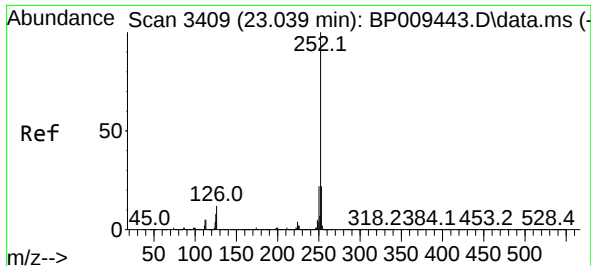
Ion Ratio Lower Upper

252 100

253 28.1 17.8 26.8#

125 13.9 8.1 12.1#

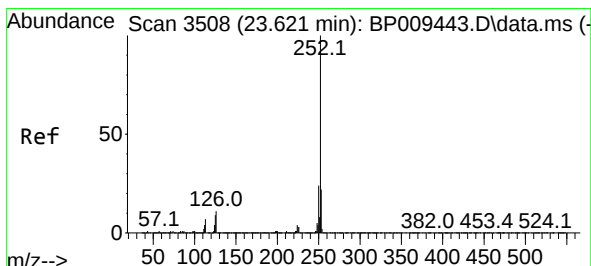
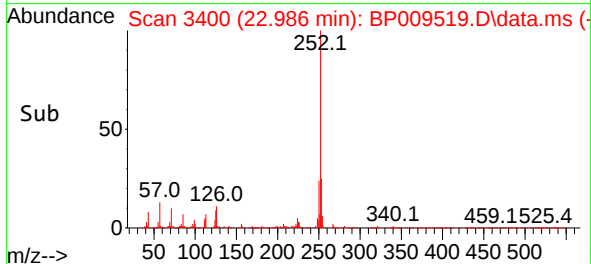
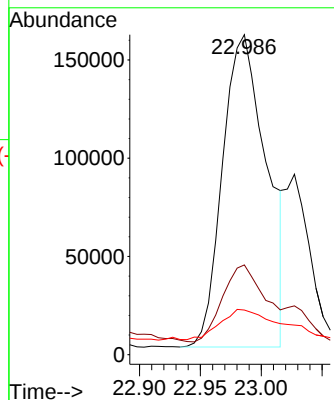
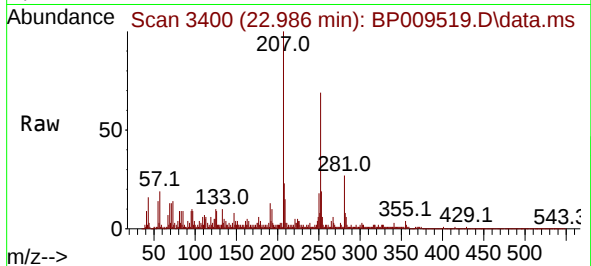




#89
Benzo(k)fluoranthene
Concen: 3.388 ng
RT: 22.986 min Scan# 3409
Delta R.T. -0.053 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Instrument :
BNA_P
ClientSampleId :
EO-03-32222

Tgt Ion:252 Resp: 400005
Ion Ratio Lower Upper
252 100
253 28.1 17.5 26.3#
125 13.9 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.982 ng
RT: 23.604 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Tgt Ion:252 Resp: 307706
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 15.6 9.3 13.9#

