

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)

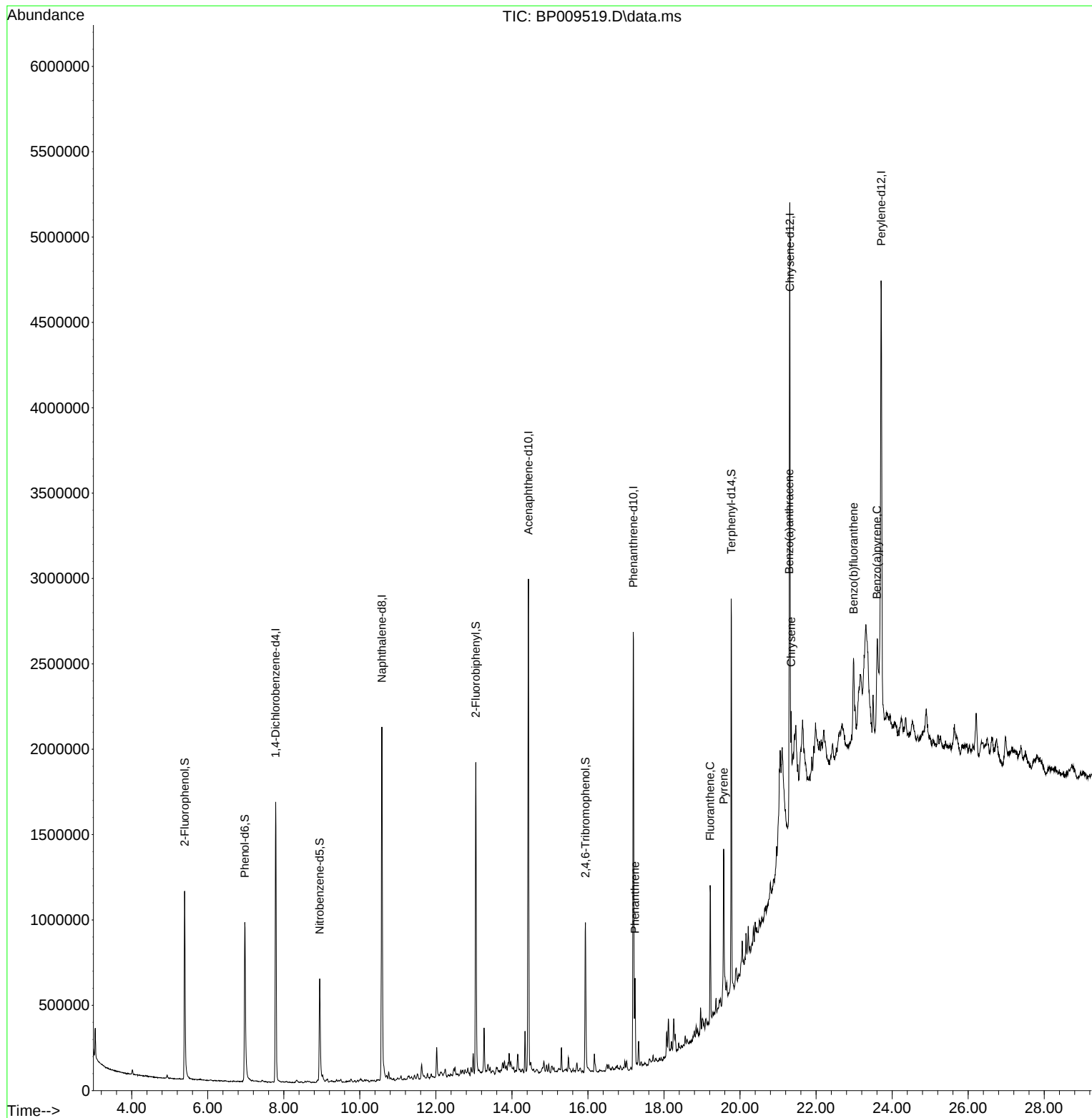
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	513130	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1973025	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1065135	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1742735	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1790671	20.000	ng	0.00
86) 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
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
90) Benzo(a)pyrene	23.604	252	307706	2.982	ng	# 93

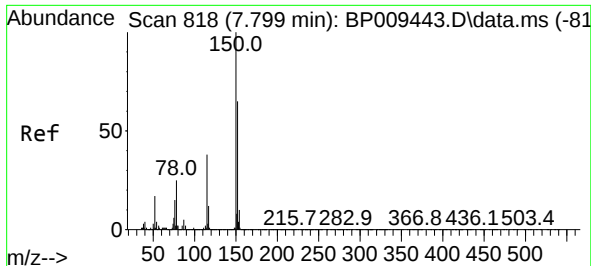
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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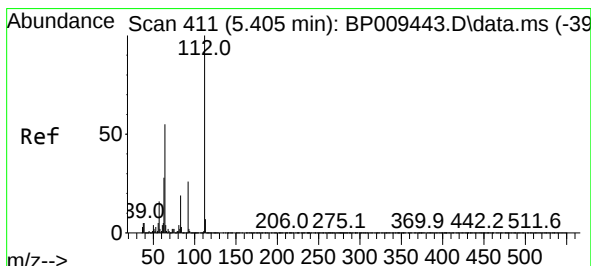
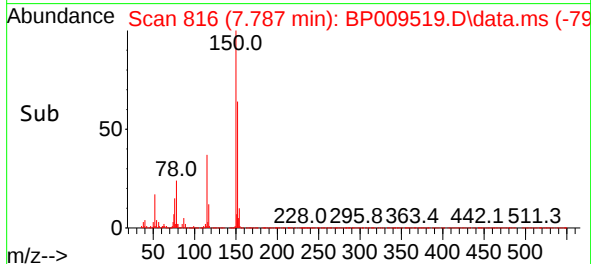
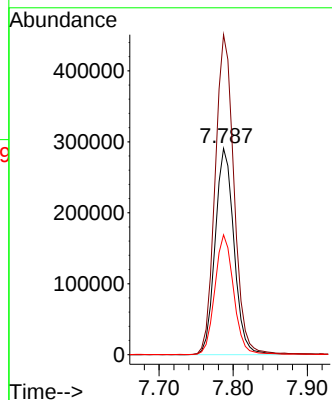
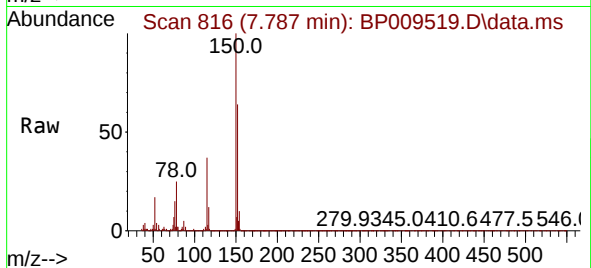




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009519.D
 Acq: 23 Mar 2022 22:34

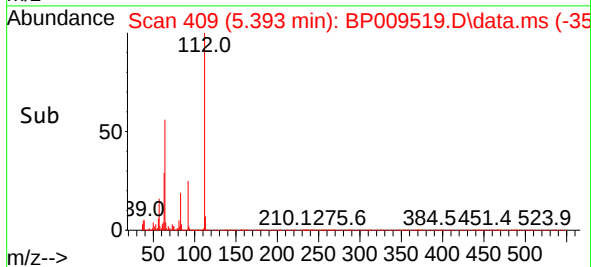
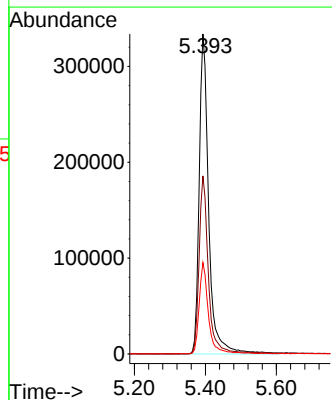
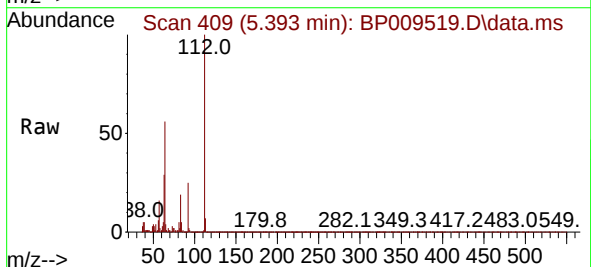
Instrument :
 BNA_P
 ClientSampleId :
 EO-03-32222

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

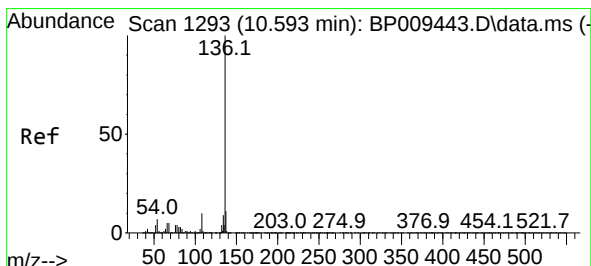
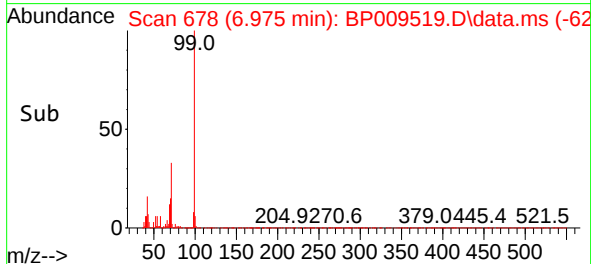
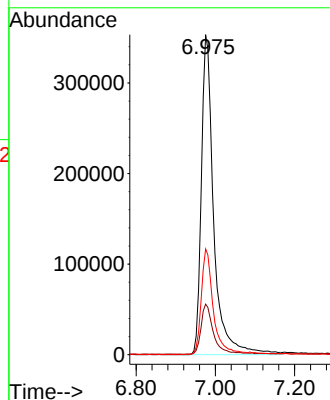
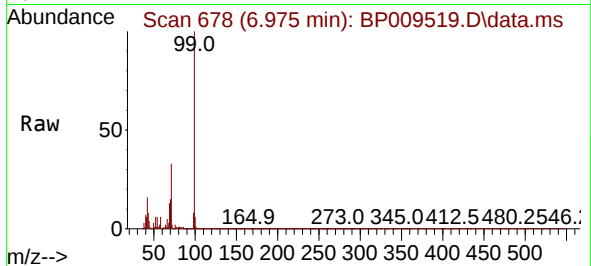




#7
Phenol-d6
Concen: 19.286 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

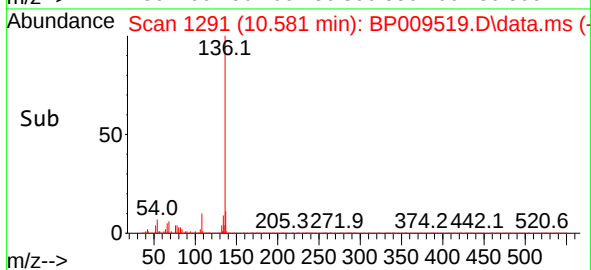
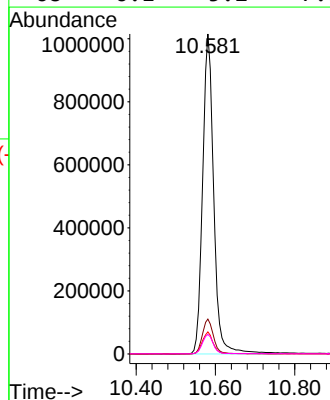
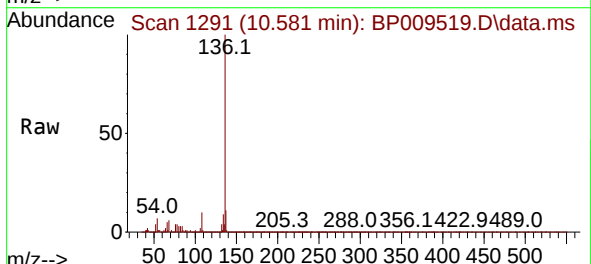
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ClientSampleId :
EO-03-32222

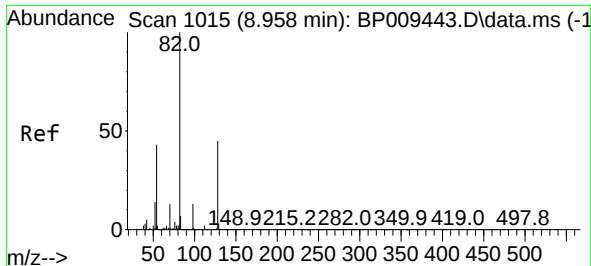
Tgt Ion: 99 Resp: 766522
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.1 26.3 39.5



#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

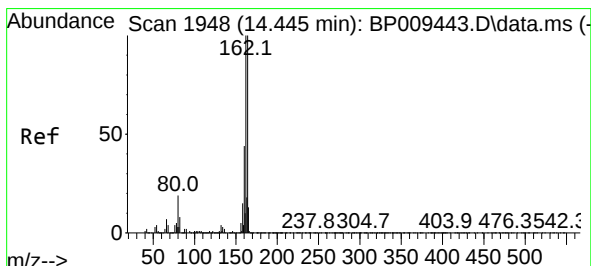
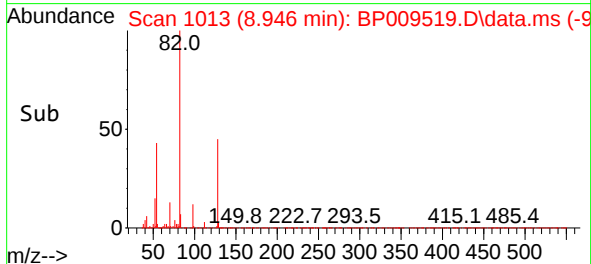
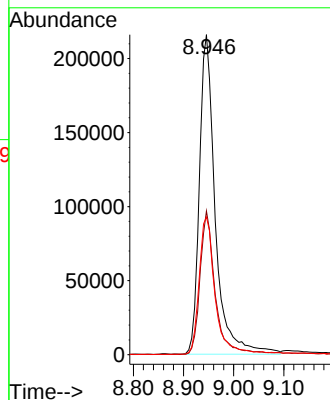
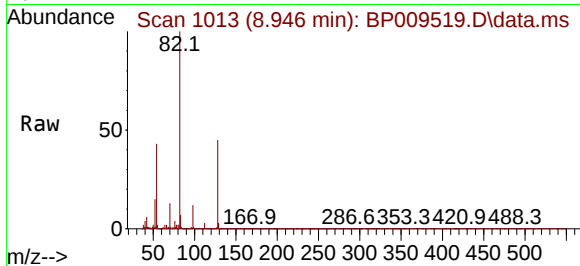




#23
Nitrobenzene-d5
Concen: 12.761 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

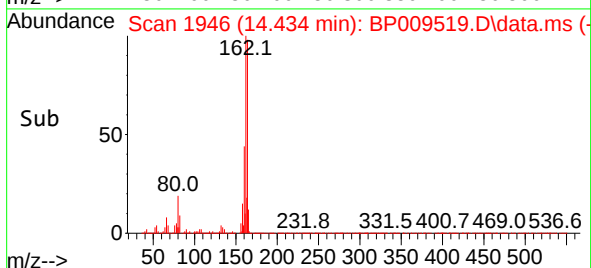
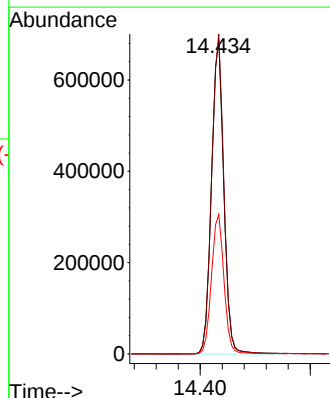
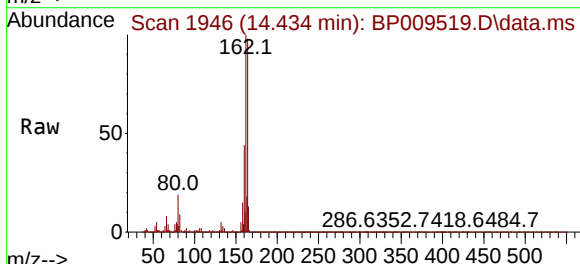
Instrument :
BNA_P
ClientSampleId :
EO-03-32222

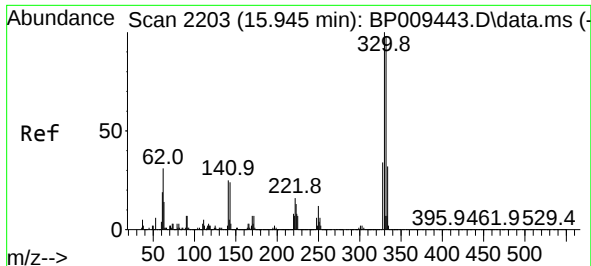
Tgt Ion: 82 Resp: 473804
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.4
54 43.1 34.7 52.1



#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

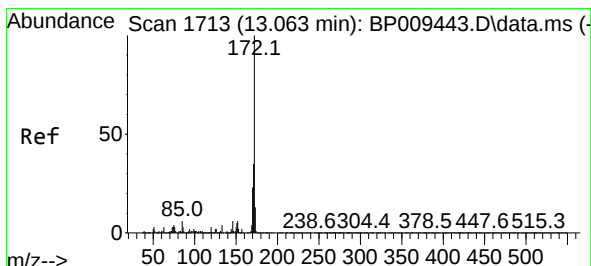
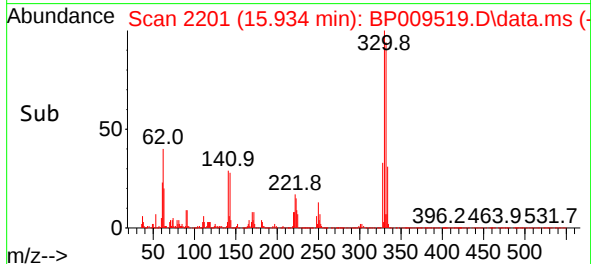
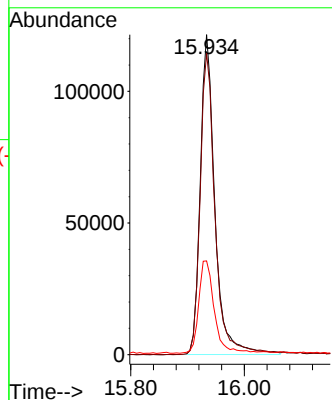
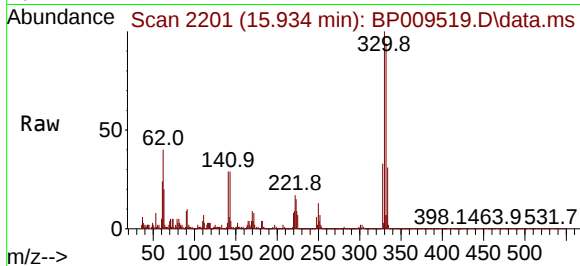




#42
2,4,6-Tribromophenol
Concen: 12.368 ng
RT: 15.934 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

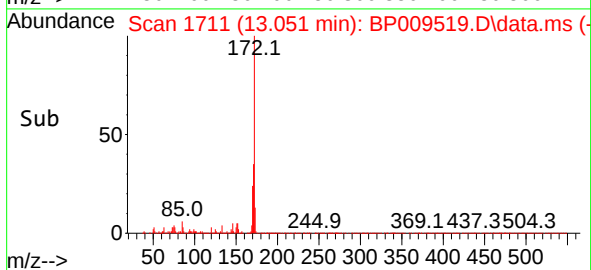
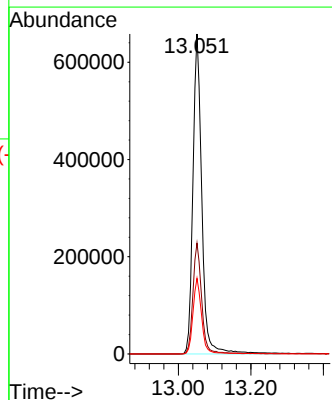
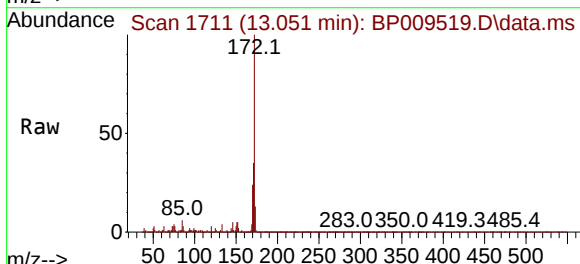
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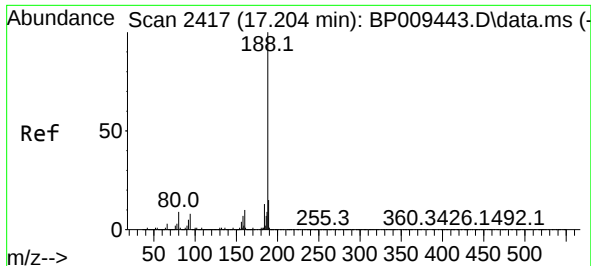
Tgt Ion:330 Resp: 217380
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 30.8 27.6 41.4



#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

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

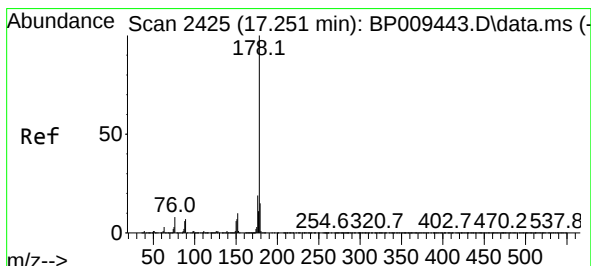
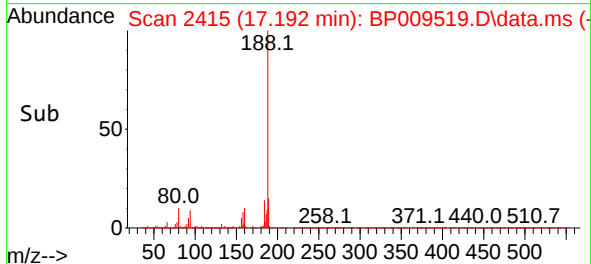
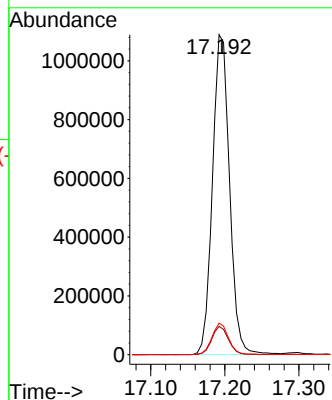
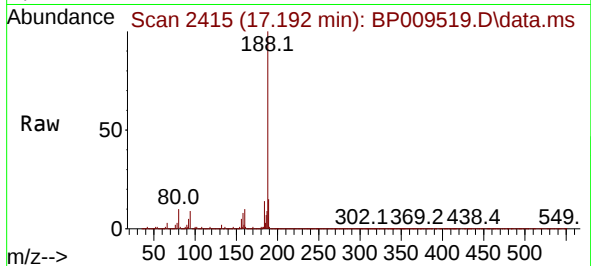




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

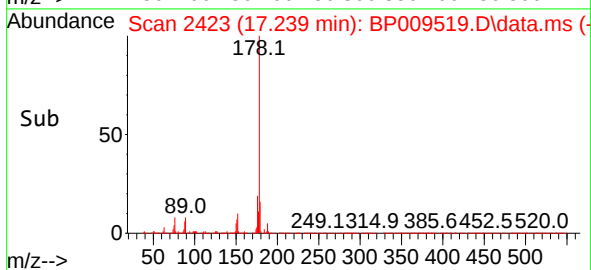
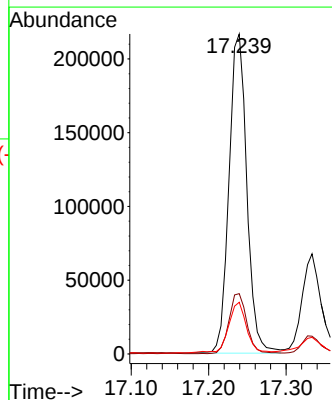
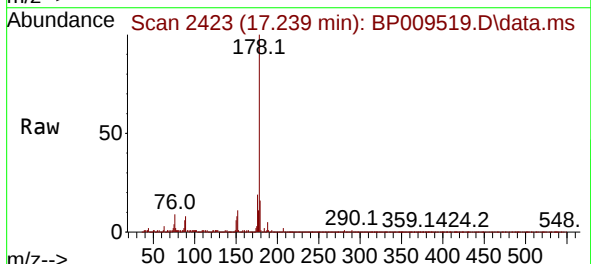
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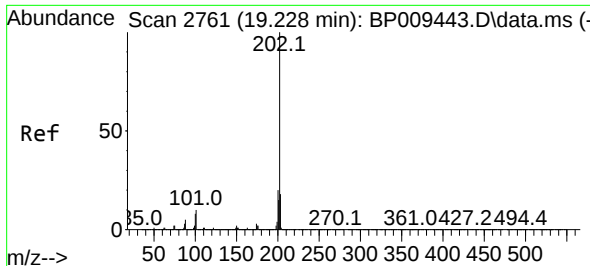
Tgt Ion:188 Resp: 1742735
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.9 8.8 13.2



#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

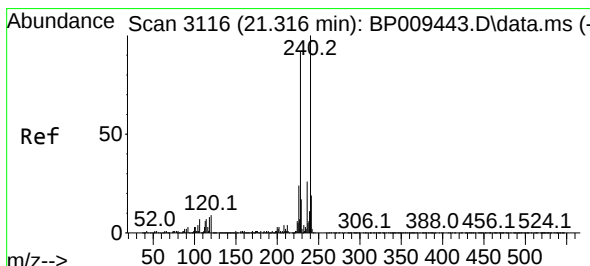
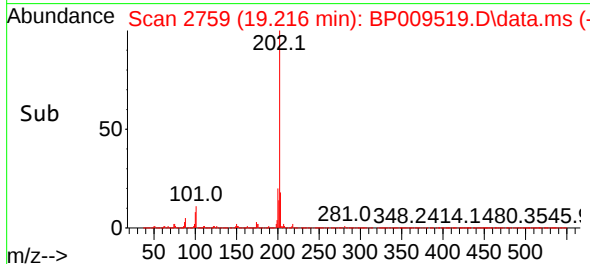
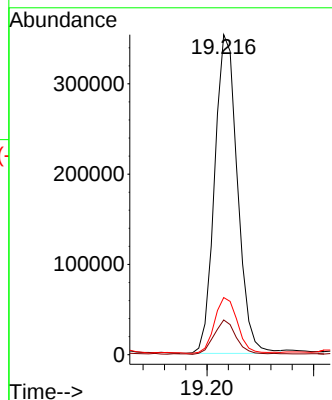
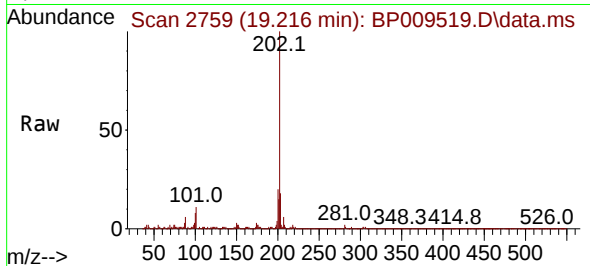




#75
Fluoranthene
Concen: 4.640 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

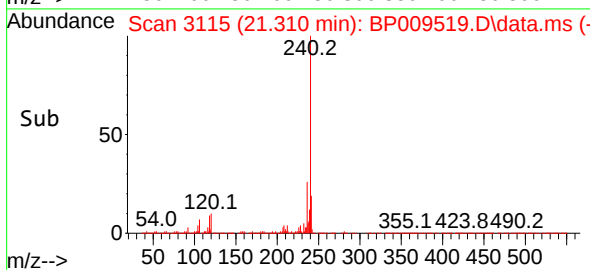
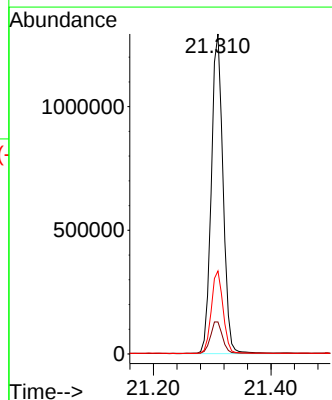
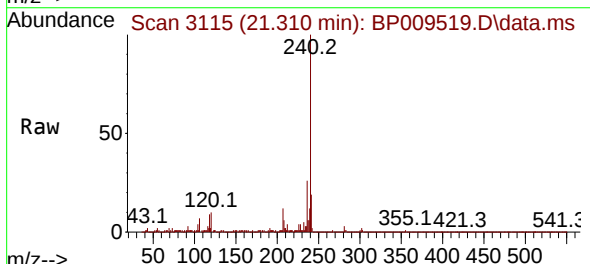
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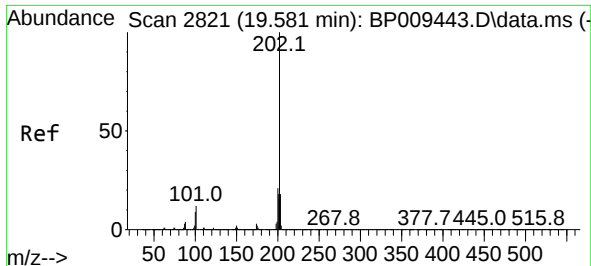
Tgt Ion:202 Resp: 524009
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 17.9 0.0 37.8



#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
240 100
120 10.0 9.0 13.4
236 25.9 20.6 30.8

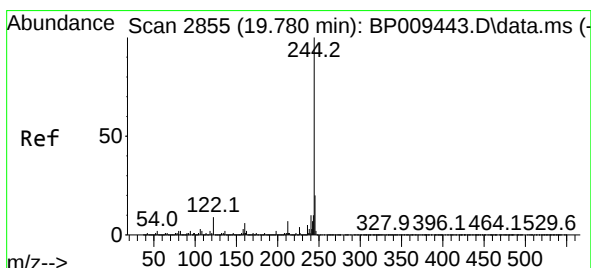
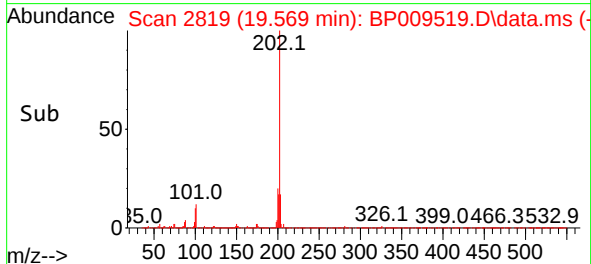
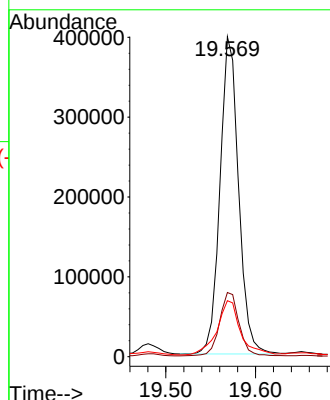
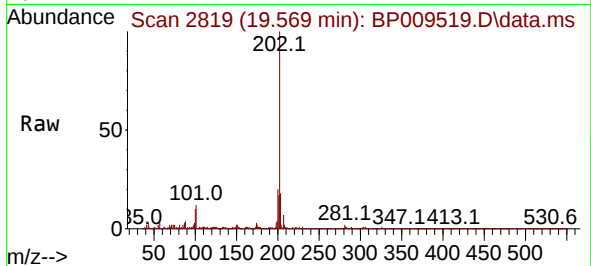




#78
Pyrene
Concen: 4.848 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

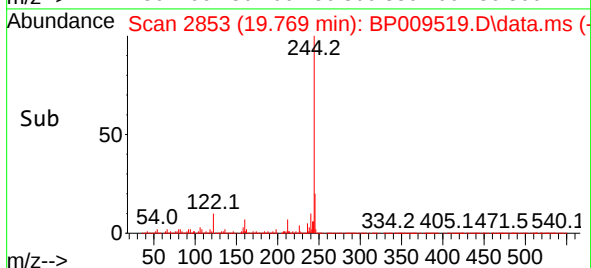
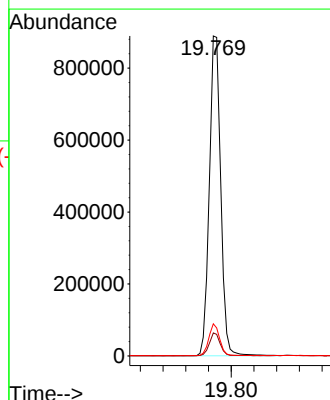
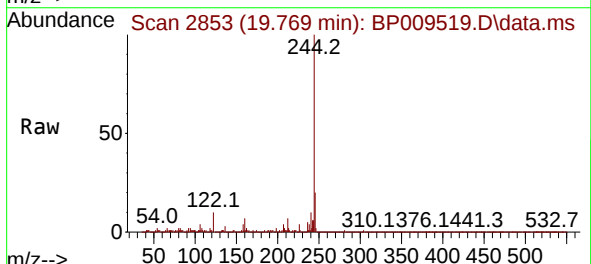
Instrument :
BNA_P
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EO-03-32222

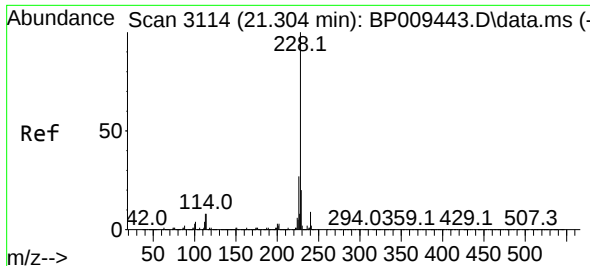
Tgt Ion:202 Resp: 572054
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 17.5 14.2 21.4



#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

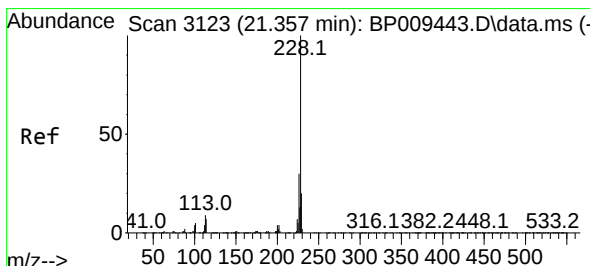
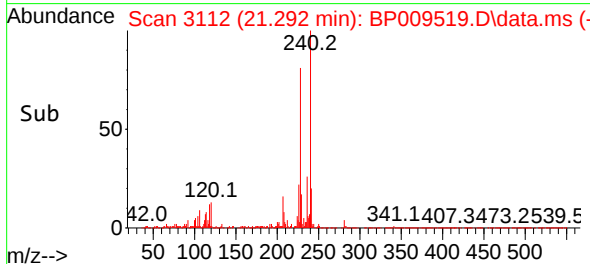
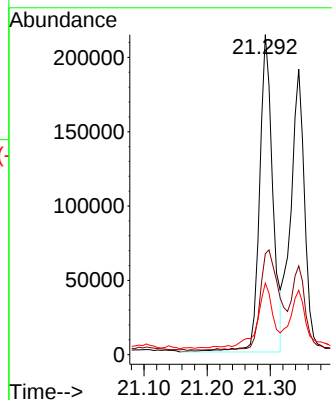
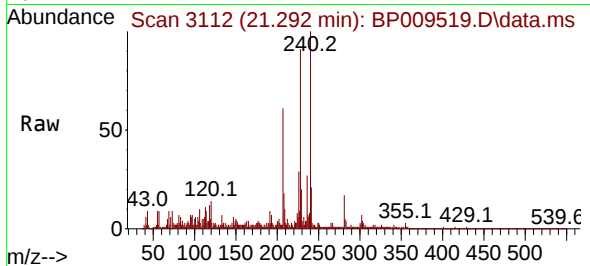




#81
Benzo(a)anthracene
Concen: 2.642 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

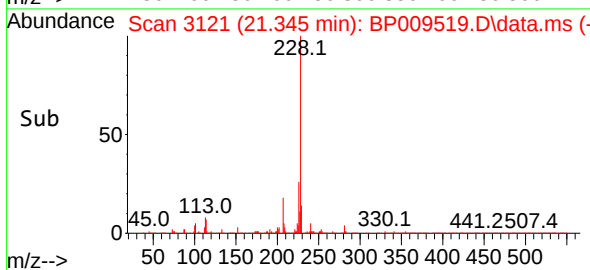
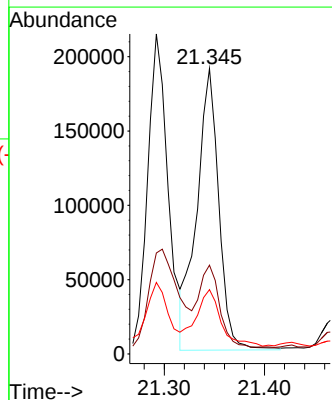
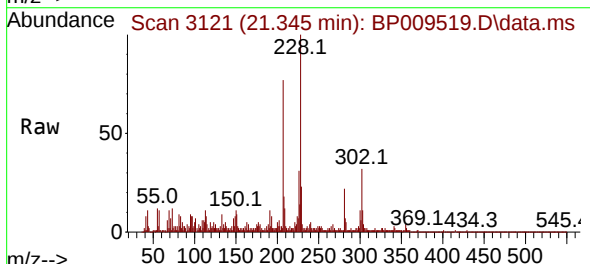
Instrument :
BNA_P
ClientSampleId :
EO-03-32222

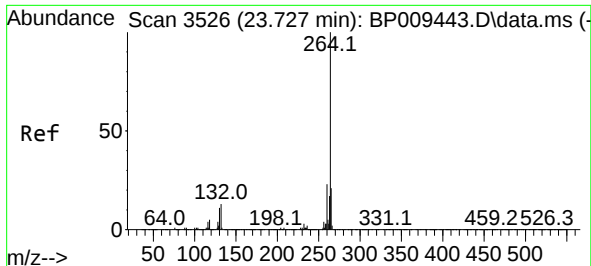
Tgt Ion:228 Resp: 310823
Ion Ratio Lower Upper
228 100
226 31.6 22.0 33.0
229 22.4 16.1 24.1



#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



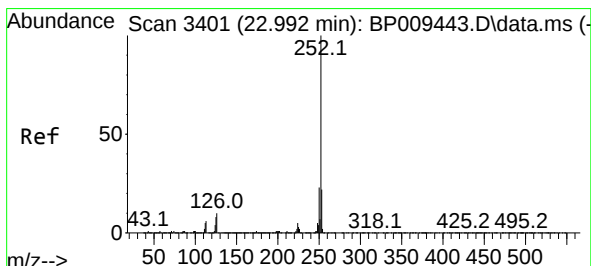
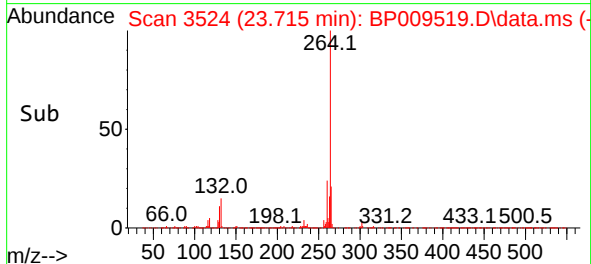
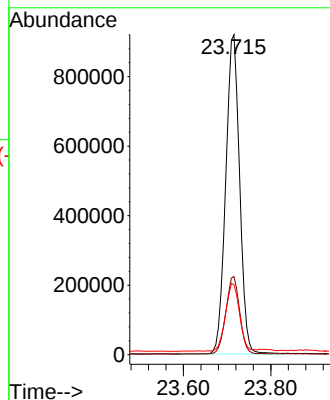
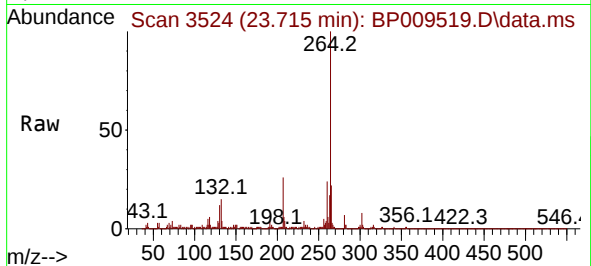


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

Instrument :
BNA_P
ClientSampleId :
EO-03-32222

Tgt Ion:264 Resp: 2020236

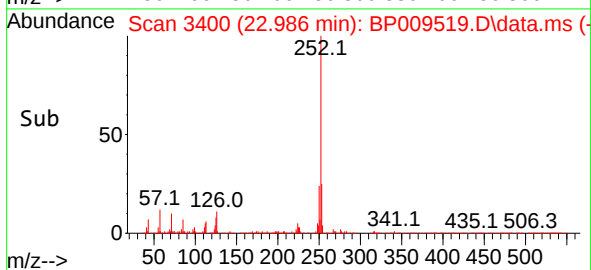
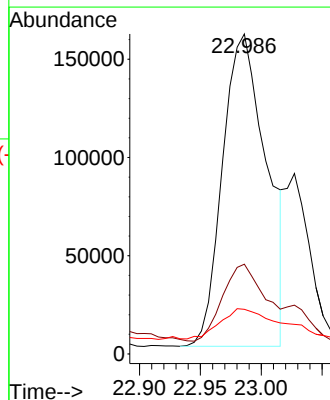
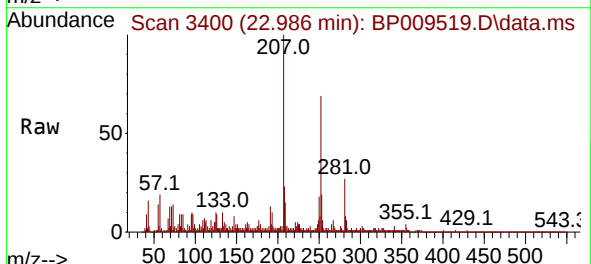
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.9	17.2	25.8

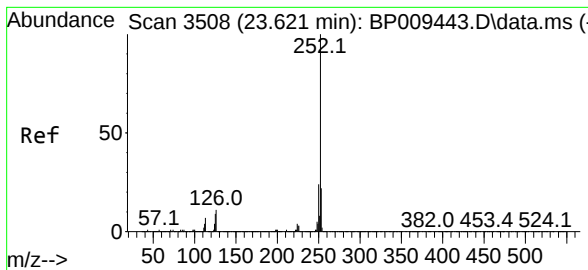


#88
Benzo(b)fluoranthene
Concen: 3.317 ng
RT: 22.986 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP009519.D
Acq: 23 Mar 2022 22:34

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#





#90

Benzo(a)pyrene

Concen: 2.982 ng

RT: 23.604 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009519.D

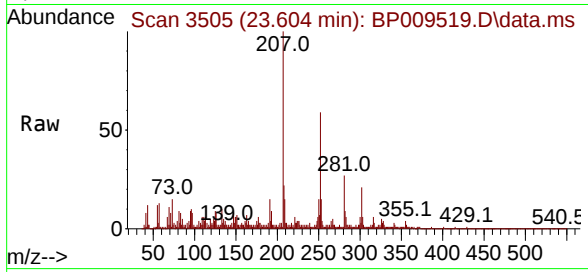
Acq: 23 Mar 2022 22:34

Instrument :

BNA_P

ClientSampleId :

EO-03-32222



Tgt Ion:252 Resp: 307706

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 15.6 9.3 13.9#

