

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007313.D
 Acq On : 04 Oct 2021 19:46
 Operator : CG/JU
 Sample : M4042-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-100121

Quant Time: Oct 05 02:22:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

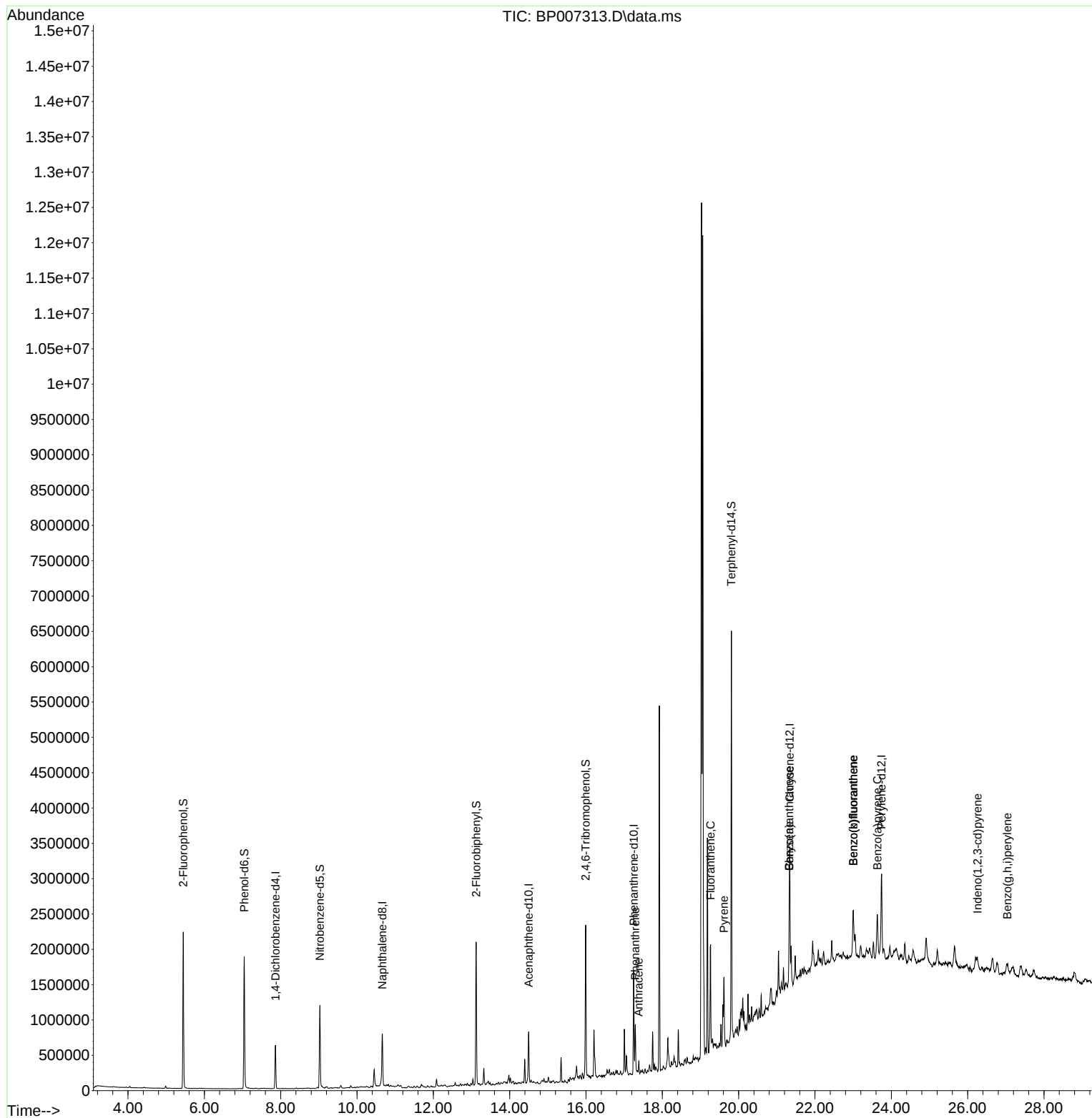
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	174522	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	656680	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	258140	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	863981	20.000	ng	0.00
76) Chrysene-d12	21.339	240	855957	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	911027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1019534	97.790	ng	0.00
7) Phenol-d6	7.045	99	1203219	84.439	ng	0.00
23) Nitrobenzene-d5	9.028	82	709676	62.936	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	484719	144.837	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1130642	62.748	ng	0.00
79) Terphenyl-d14	19.809	244	2622857	58.719	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	422011	9.110	ng	99
72) Anthracene	17.380	178	103071	2.274	ng	97
75) Fluoranthene	19.262	202	689284	12.914	ng	97
78) Pyrene	19.615	202	578984	10.310	ng	98
81) Benzo(a)anthracene	21.321	228	345125	6.212	ng	97
83) Chrysene	21.321	228	345125	6.499	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	187043	2.857	ng	97
88) Benzo(b)fluoranthene	23.003	252	397490	7.301	ng	# 83
89) Benzo(k)fluoranthene	23.003	252	397490	7.211	ng	# 83
90) Benzo(a)pyrene	23.633	252	266475	5.761	ng	# 88
92) Benzo(g,h,i)perylene	27.038	276	179867	3.359	ng	# 88

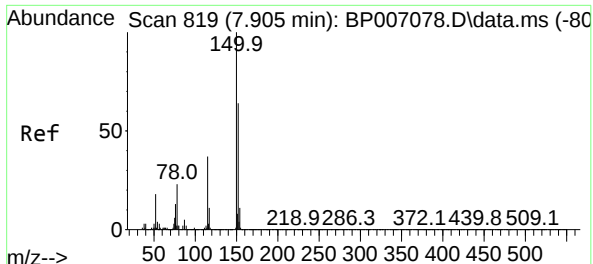
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
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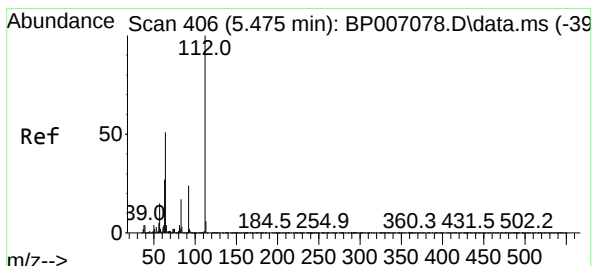
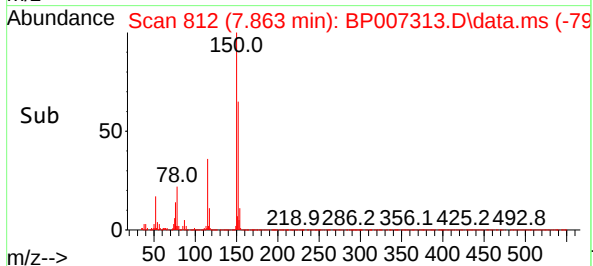
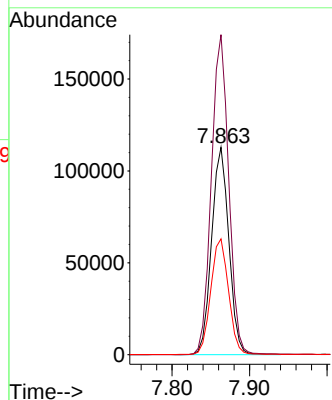
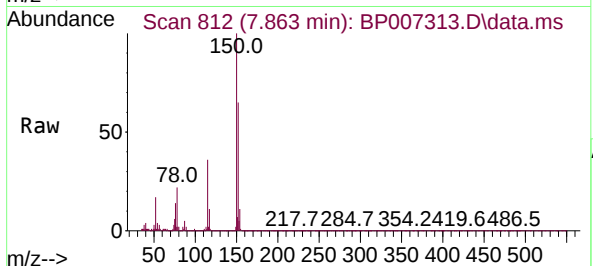




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

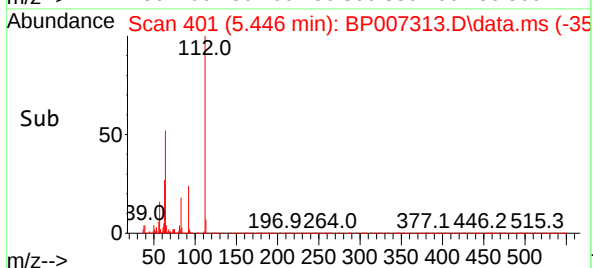
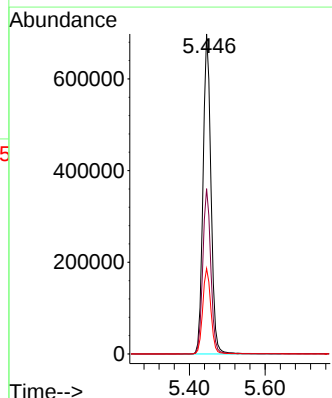
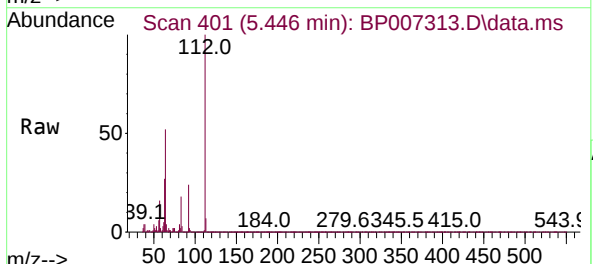
Instrument :
BNA_P
ClientSampleId :
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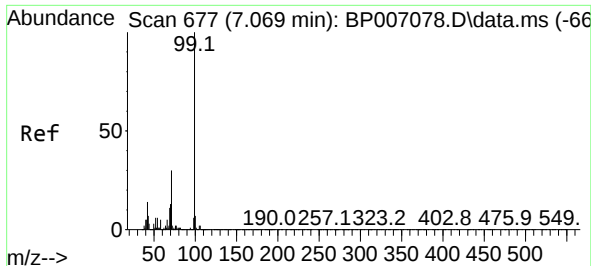
Tgt Ion:152 Resp: 174522
Ion Ratio Lower Upper
152 100
150 154.4 125.6 188.4
115 55.9 48.5 72.7



#5
2-Fluorophenol
Concen: 97.790 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:112 Resp: 1019534
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.7 23.8 35.8

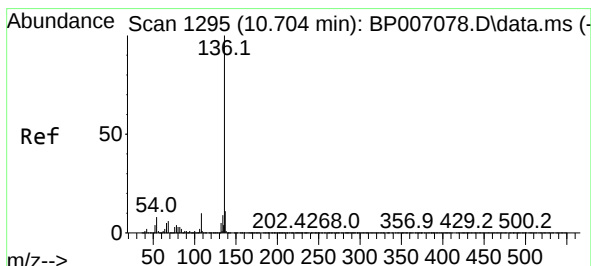
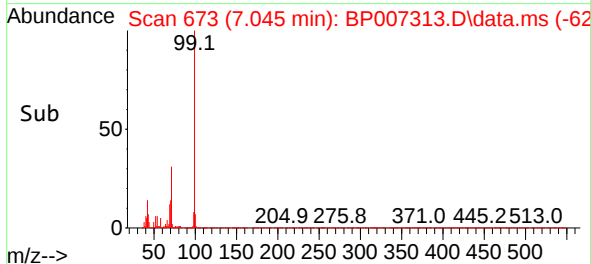
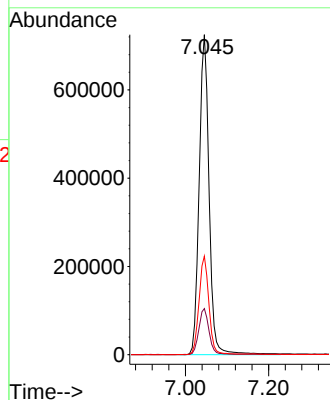
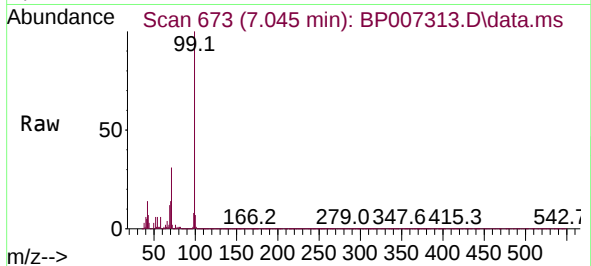




#7
Phenol-d6
Concen: 84.439 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

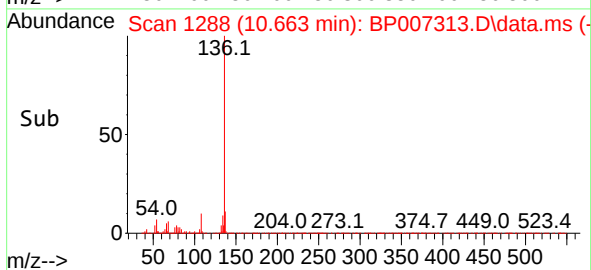
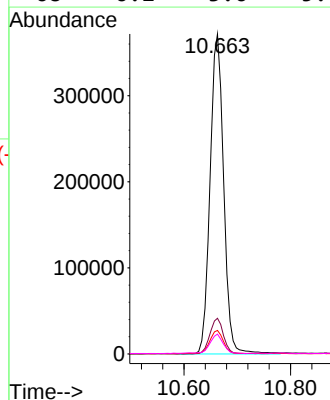
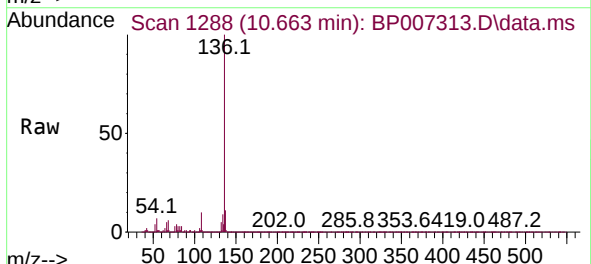
Instrument :
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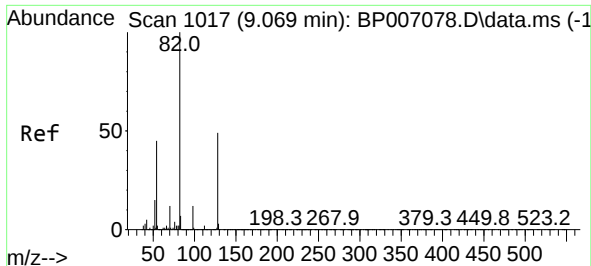
Tgt Ion: 99 Resp: 1203219
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 30.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion: 136 Resp: 656680
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.4 4.6 6.8#
68 6.2 3.6 5.4#

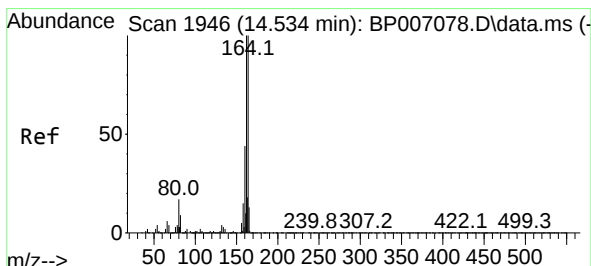
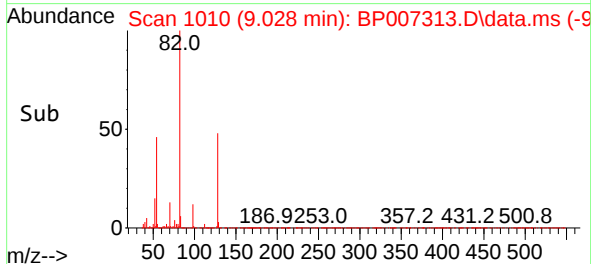
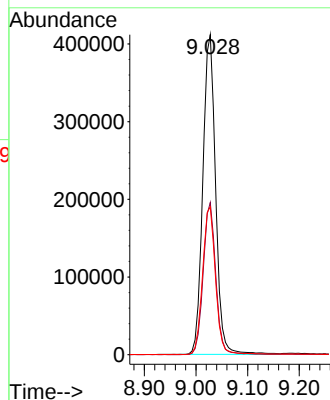
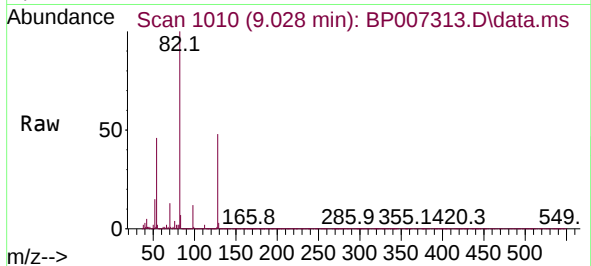




#23
Nitrobenzene-d5
Concen: 62.936 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

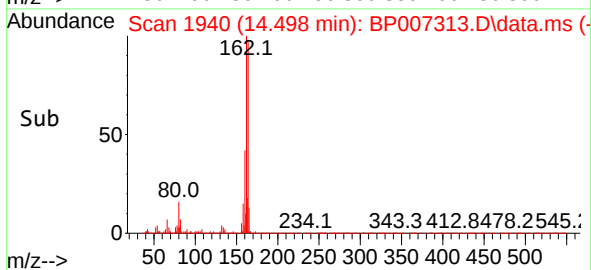
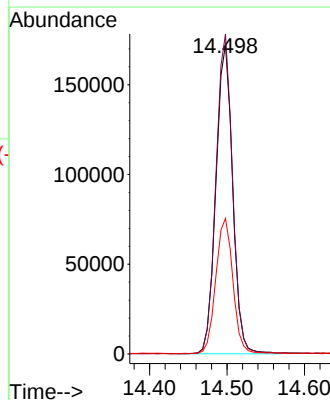
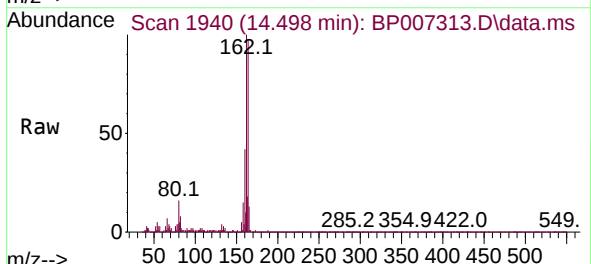
Instrument :
BNA_P
ClientSampleId :
EO-01-100121

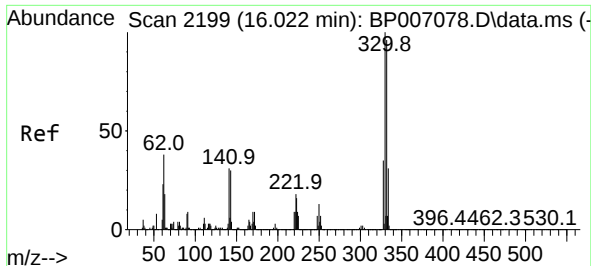
Tgt Ion: 82 Resp: 709676
Ion Ratio Lower Upper
82 100
128 47.5 35.7 53.5
54 46.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:164 Resp: 258140
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 43.8 34.5 51.7

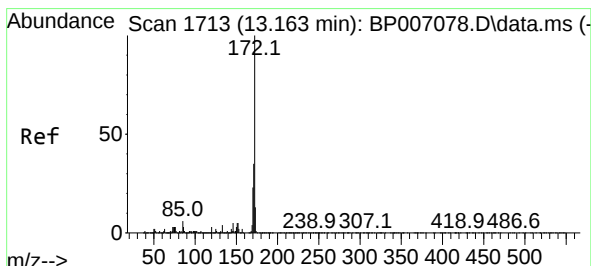
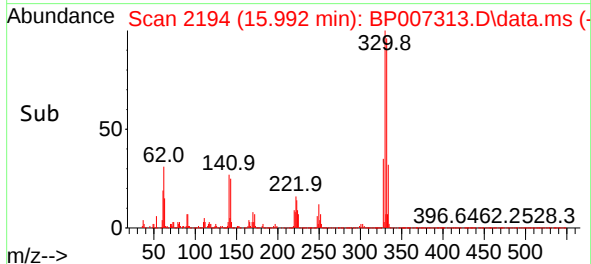
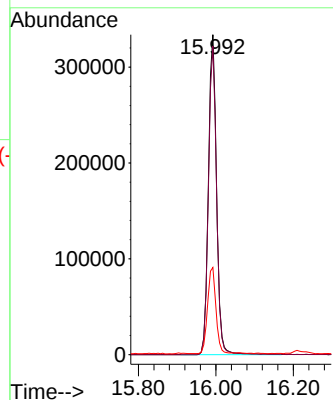
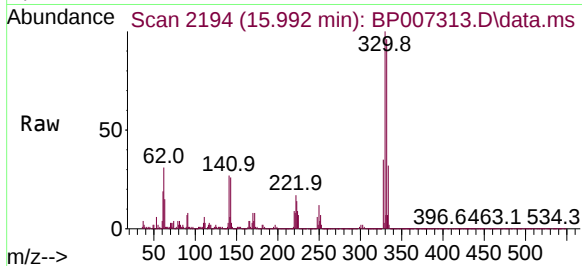




#42
2,4,6-Tribromophenol
Concen: 144.837 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

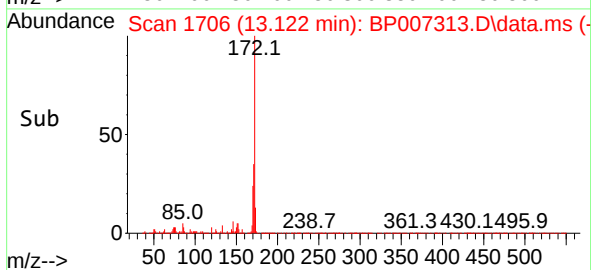
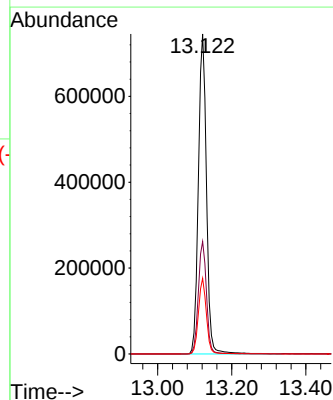
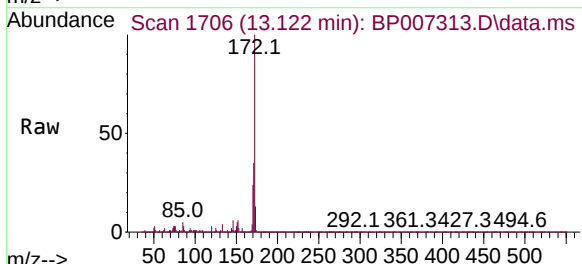
Instrument :
BNA_P
ClientSampleId :
EO-01-100121

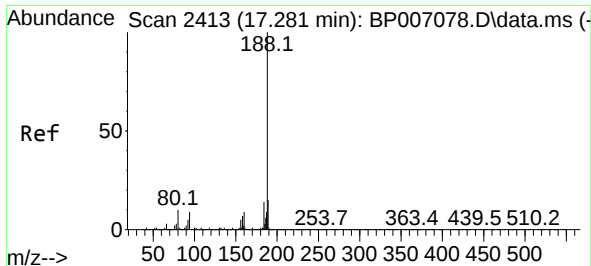
Tgt Ion:330 Resp: 484719
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 27.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.748 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:172 Resp: 1130642
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 18.6 27.8

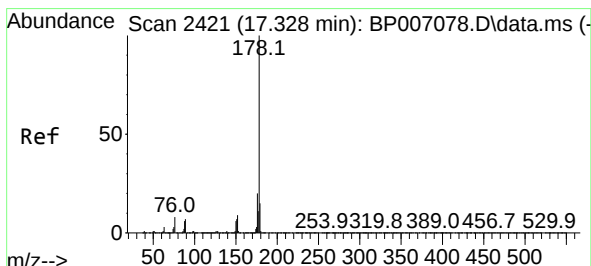
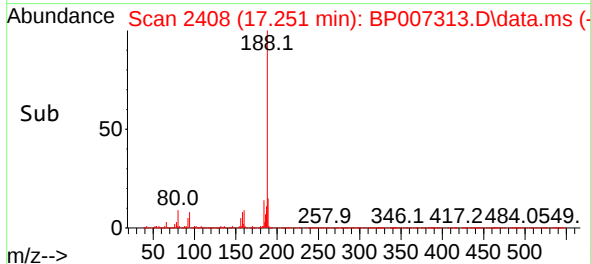
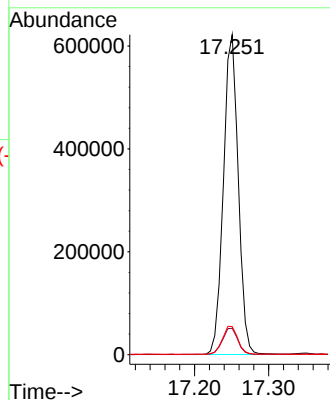
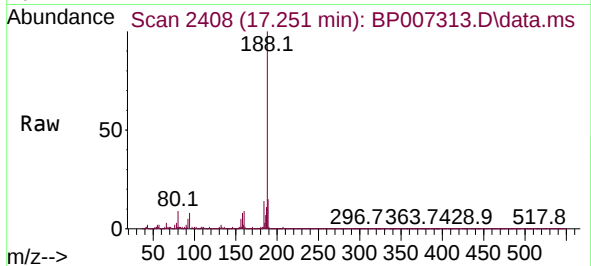




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

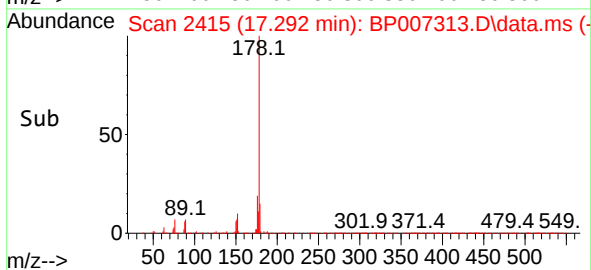
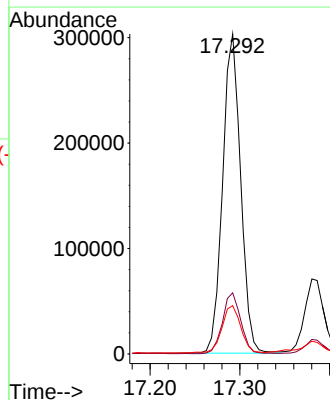
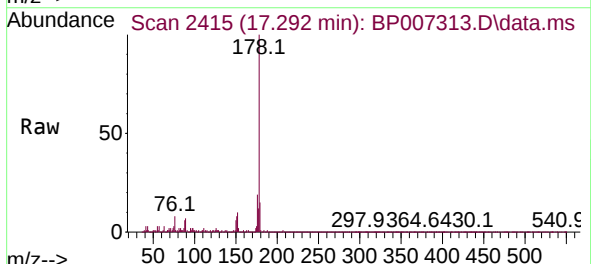
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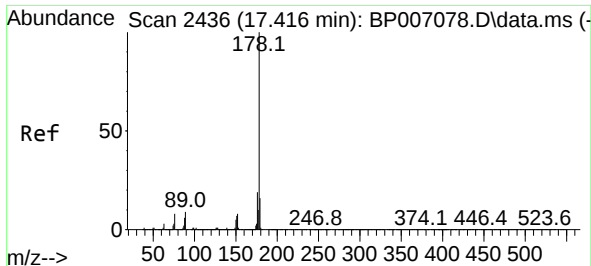
Tgt Ion:188 Resp: 863981
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.8 6.3 9.5



#71
Phenanthrene
Concen: 9.110 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:178 Resp: 422011
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.1 12.4 18.6

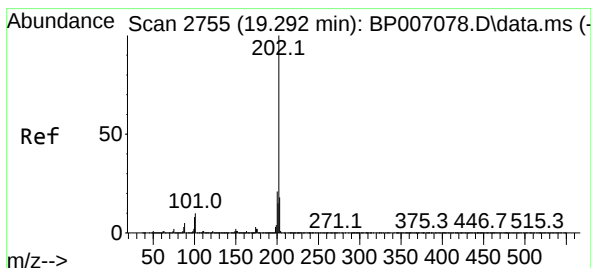
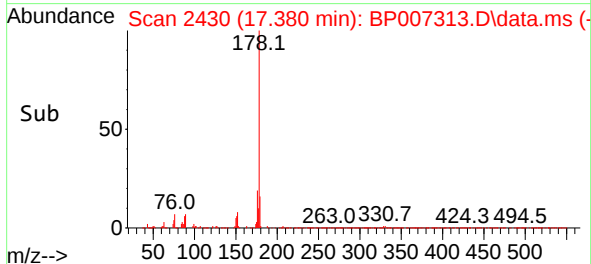
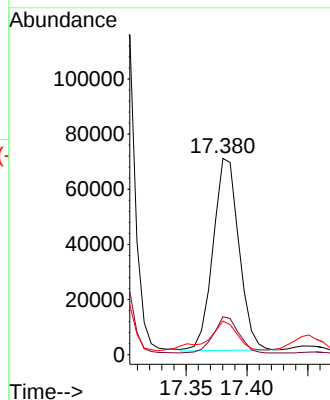
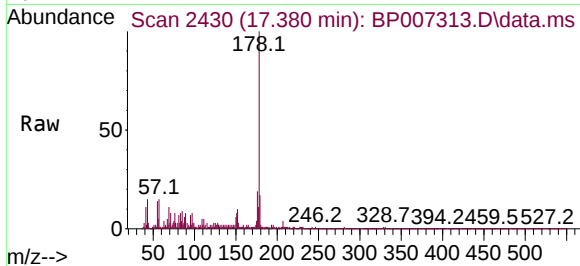




#72
 Anthracene
 Concen: 2.274 ng
 RT: 17.380 min Scan# 2430
 Delta R.T. -0.006 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

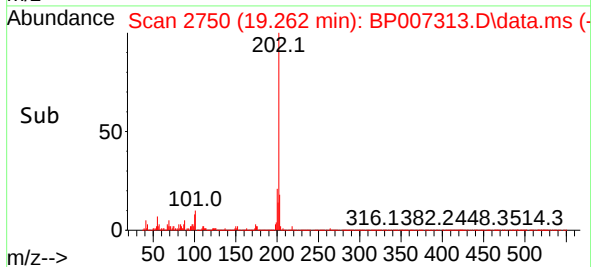
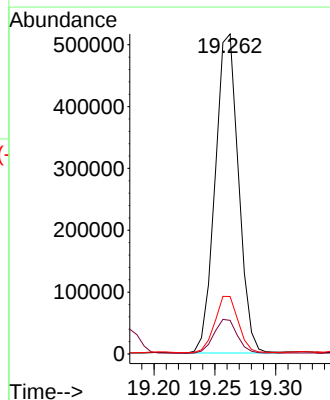
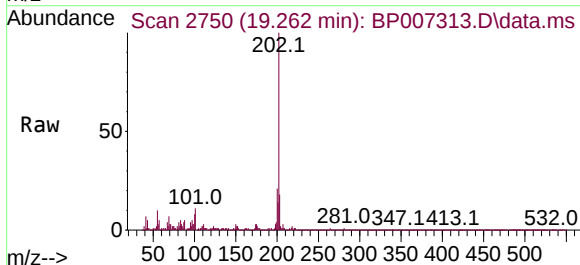
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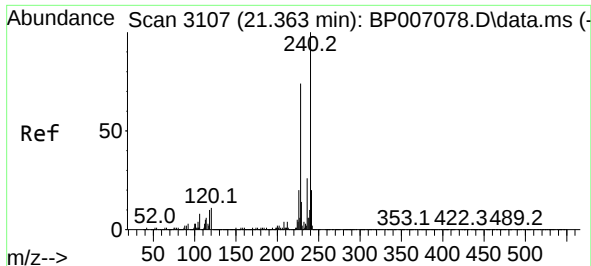
Tgt Ion:178 Resp: 103071
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.9 22.3
 179 17.1 12.2 18.2



#75
 Fluoranthene
 Concen: 12.914 ng
 RT: 19.262 min Scan# 2750
 Delta R.T. -0.000 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

Tgt Ion:202 Resp: 689284
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 27.6
 203 17.9 0.0 37.8

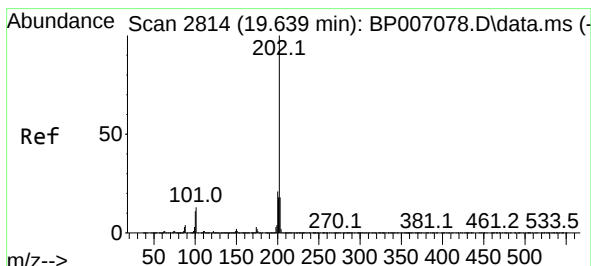
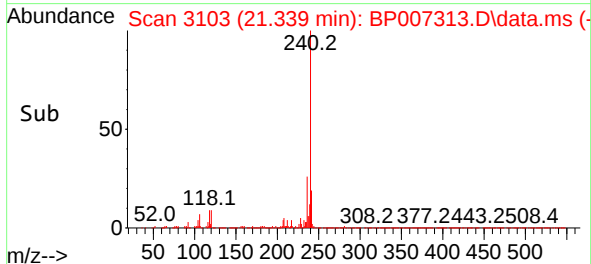
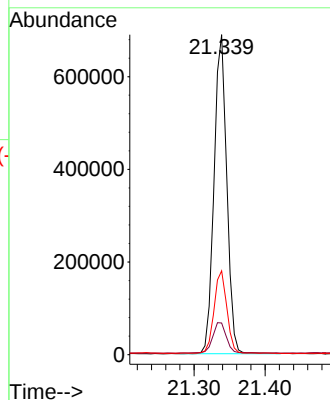
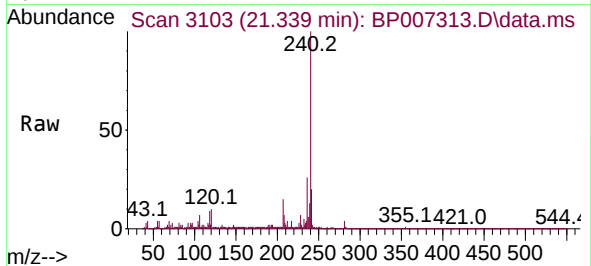




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

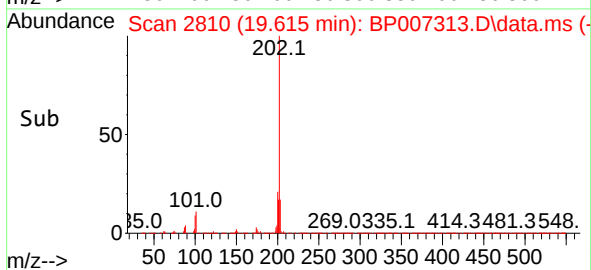
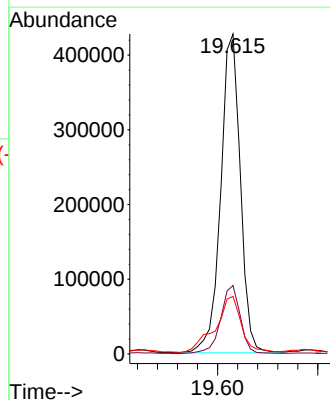
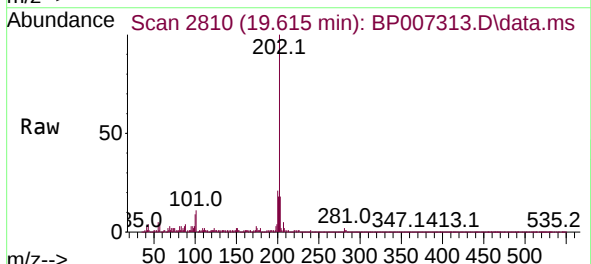
Instrument :
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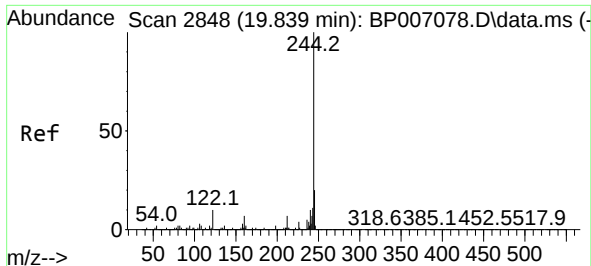
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Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.2 20.6 31.0



#78
Pyrene
Concen: 10.310 ng
RT: 19.615 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:202 Resp: 578984
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.0 14.2 21.2

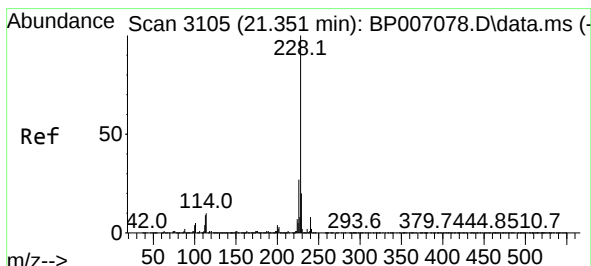
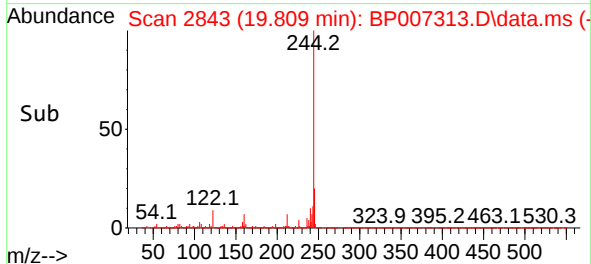
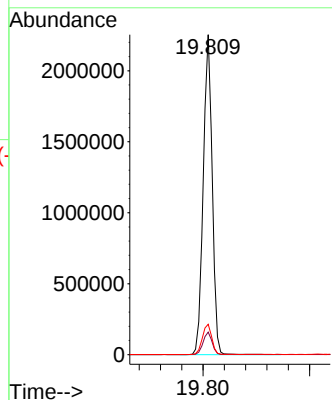
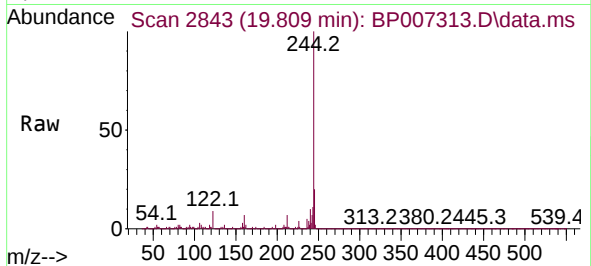




#79
 Terphenyl-d14
 Concen: 58.719 ng
 RT: 19.809 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

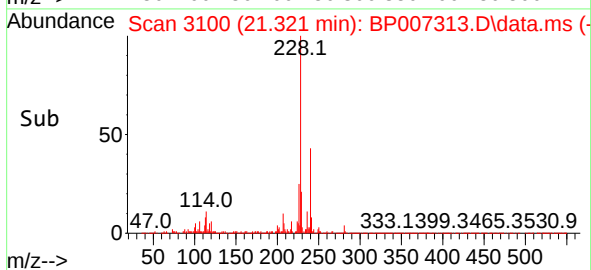
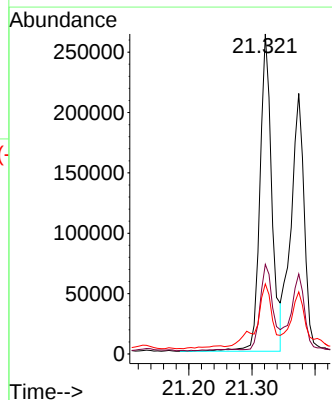
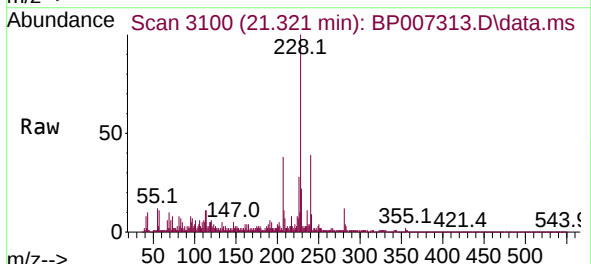
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-100121

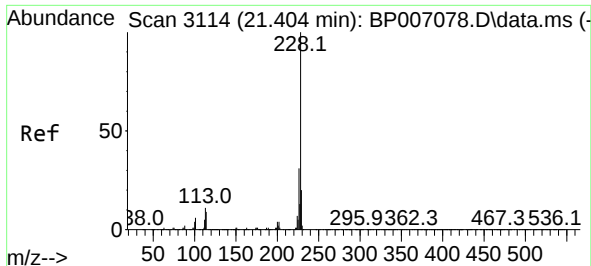
Tgt Ion:244 Resp: 2622857
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 6.212 ng
 RT: 21.321 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

Tgt Ion:228 Resp: 345125
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.6 32.4
 229 21.9 15.8 23.6

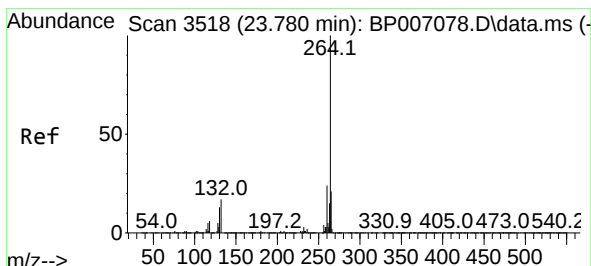
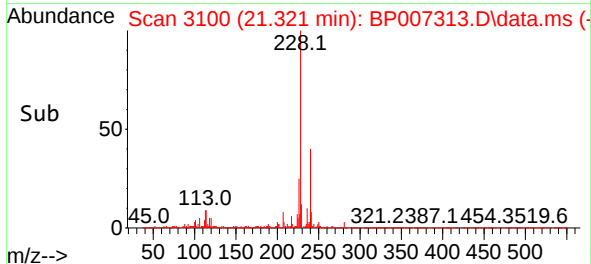
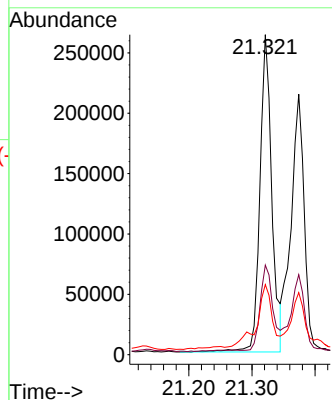
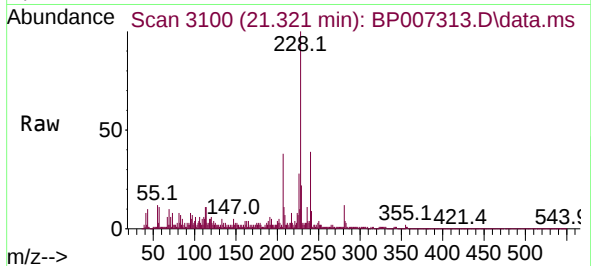




#83
Chrysene
Concen: 6.499 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.059 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

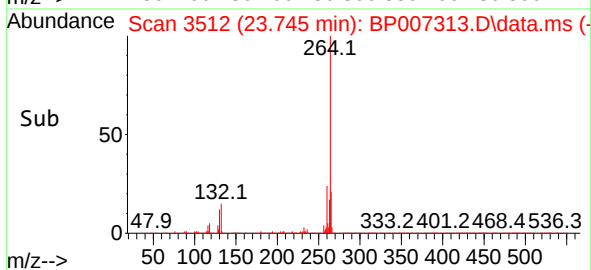
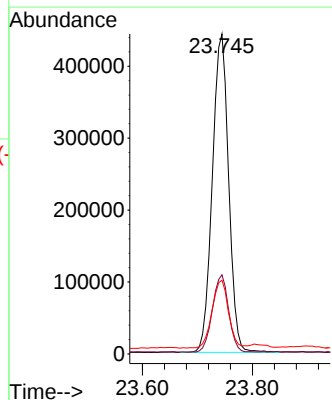
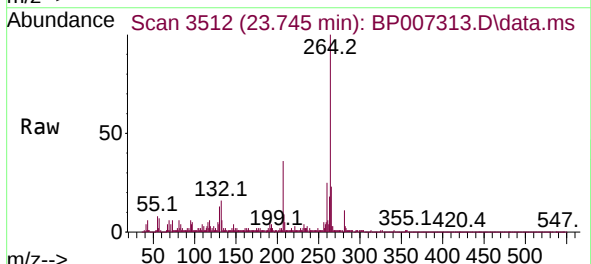
Instrument :
BNA_P
ClientSampleId :
EO-01-100121

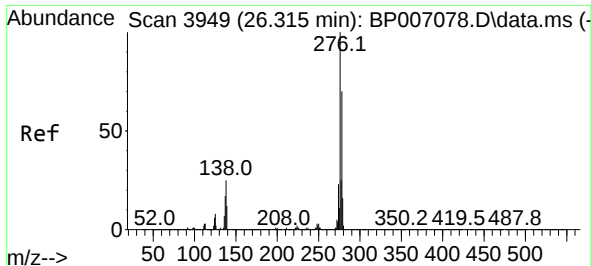
Tgt Ion:228 Resp: 345125
Ion Ratio Lower Upper
228 100
226 28.0 23.8 35.6
229 21.9 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:264 Resp: 911027
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 23.0 17.6 26.4

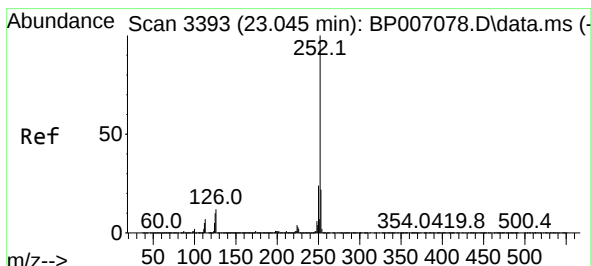
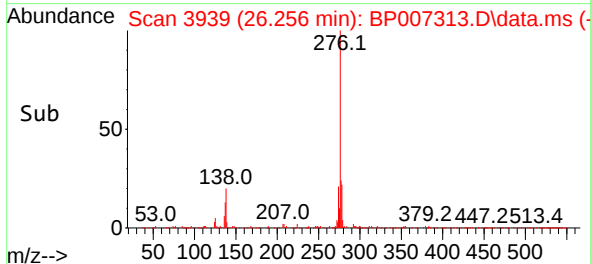
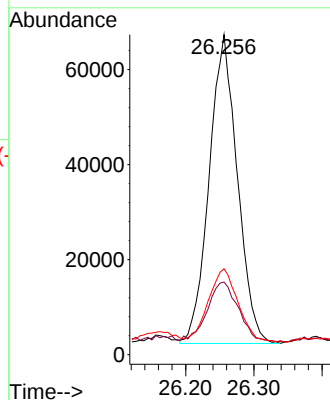
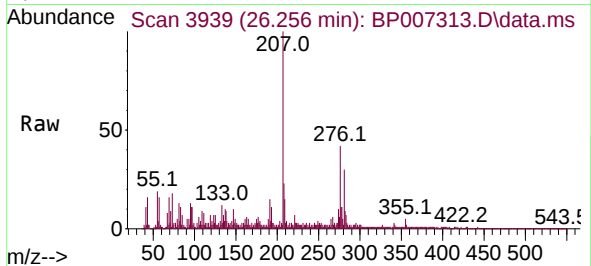




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.857 ng
RT: 26.256 min Scan# 3939
Delta R.T. -0.012 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

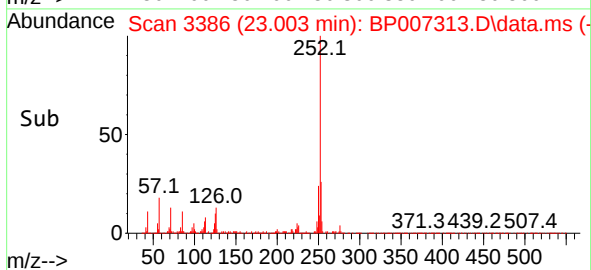
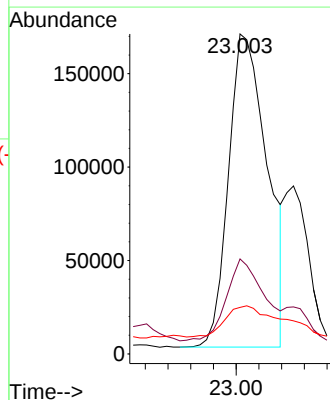
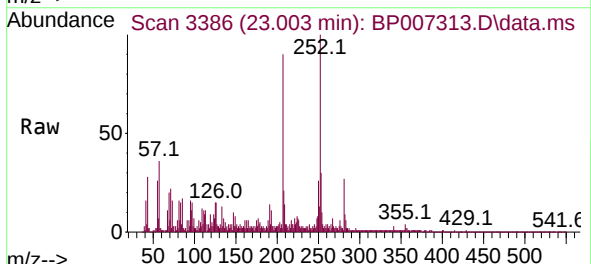
Instrument :
BNA_P
ClientSampleId :
EO-01-100121

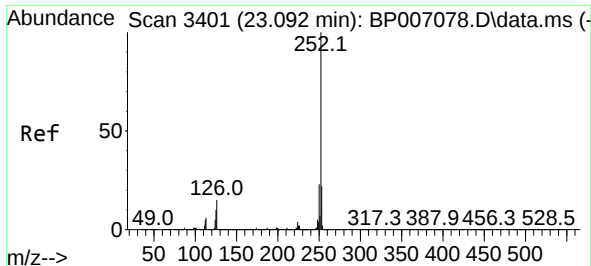
Tgt Ion:	276	Resp:	187043
Ion Ratio	Lower	Upper	
276	100		
138	21.8	15.3	22.9
277	25.0	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 7.301 ng
RT: 23.003 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:	252	Resp:	397490
Ion Ratio	Lower	Upper	
252	100		
253	29.7	17.5	26.3#
125	14.6	6.2	9.4#

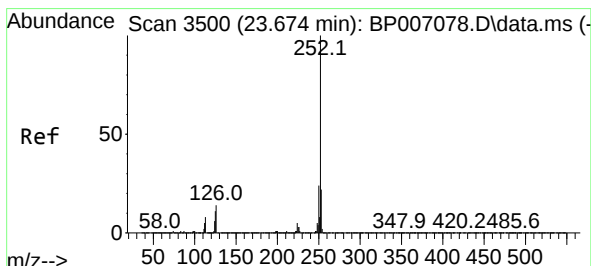
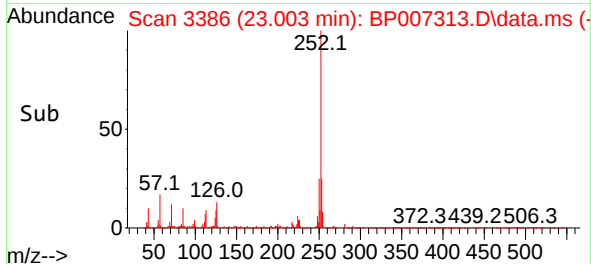
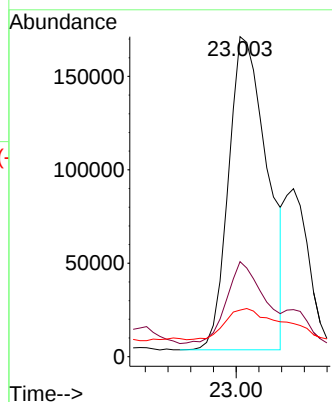
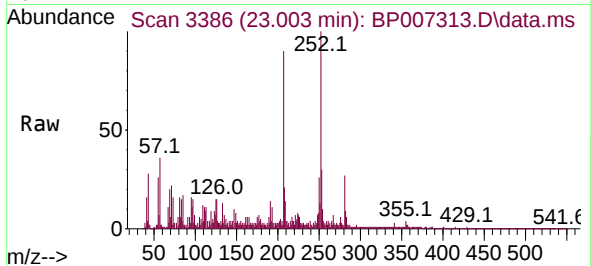




#89
Benzo(k)fluoranthene
Concen: 7.211 ng
RT: 23.003 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

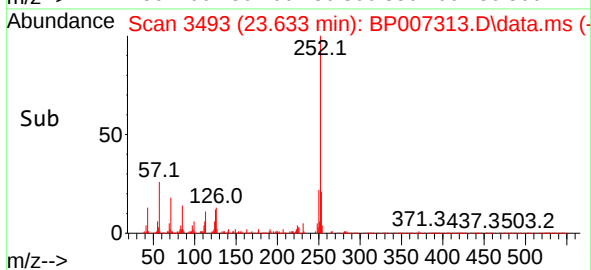
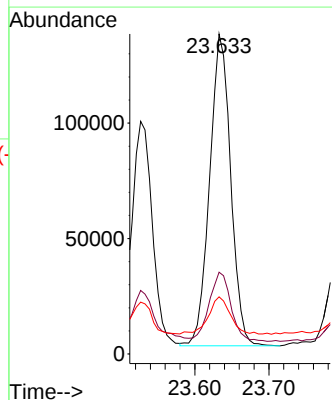
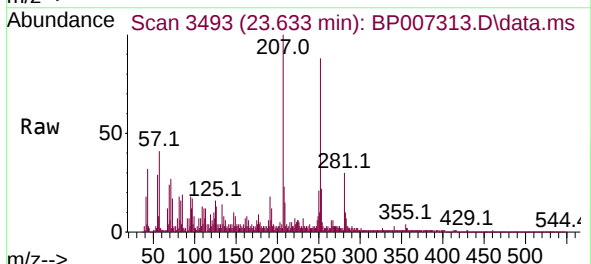
Instrument :
BNA_P
ClientSampleId :
EO-01-100121

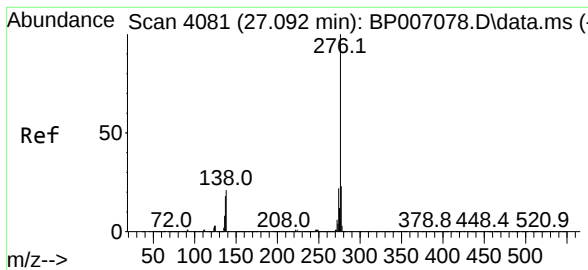
Tgt Ion:252 Resp: 397490
Ion Ratio Lower Upper
252 100
253 29.7 17.6 26.4#
125 14.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 5.761 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion:252 Resp: 266475
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 17.9 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 3.359 ng
 RT: 27.038 min Scan# 4072
 Delta R.T. -0.006 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-100121

Tgt Ion:	276	Resp:	179867
Ion Ratio	Lower	Upper	
276	100		
277	27.6	18.9	28.3
138	23.0	12.6	18.8#

