

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

Manual Integrations
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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	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	656680	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	258140	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	863981	20.00	ng	0.00
76) Chrysene-d12	21.339	240	855957	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	911027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1019534	97.79	ng	0.00
7) Phenol-d6	7.045	99	1203219	84.44	ng	0.00
23) Nitrobenzene-d5	9.028	82	709676	62.94	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	484719	144.84	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1130642	62.75	ng	0.00
79) Terphenyl-d14	19.809	244	2622857	58.72	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	422011	9.11	ng	99
72) Anthracene	17.380	178	103071	2.27	ng	97
75) Fluoranthene	19.262	202	689284	12.91	ng	97
78) Pyrene	19.615	202	578984	10.31	ng	98
81) Benzo(a)anthracene	21.321	228	345125	6.21	ng	97
83) Chrysene	21.374	228	312238m	5.88	ng	
87) Indeno(1,2,3-cd)pyrene	26.256	276	187043	2.86	ng	97
88) Benzo(b)fluoranthene	23.003	252	397490	7.30	ng	# 83
89) Benzo(k)fluoranthene	23.050	252	127683m	2.32	ng	
90) Benzo(a)pyrene	23.633	252	266475	5.76	ng	# 88
92) Benzo(g,h,i)perylene	27.038	276	179867	3.36	ng	# 88

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

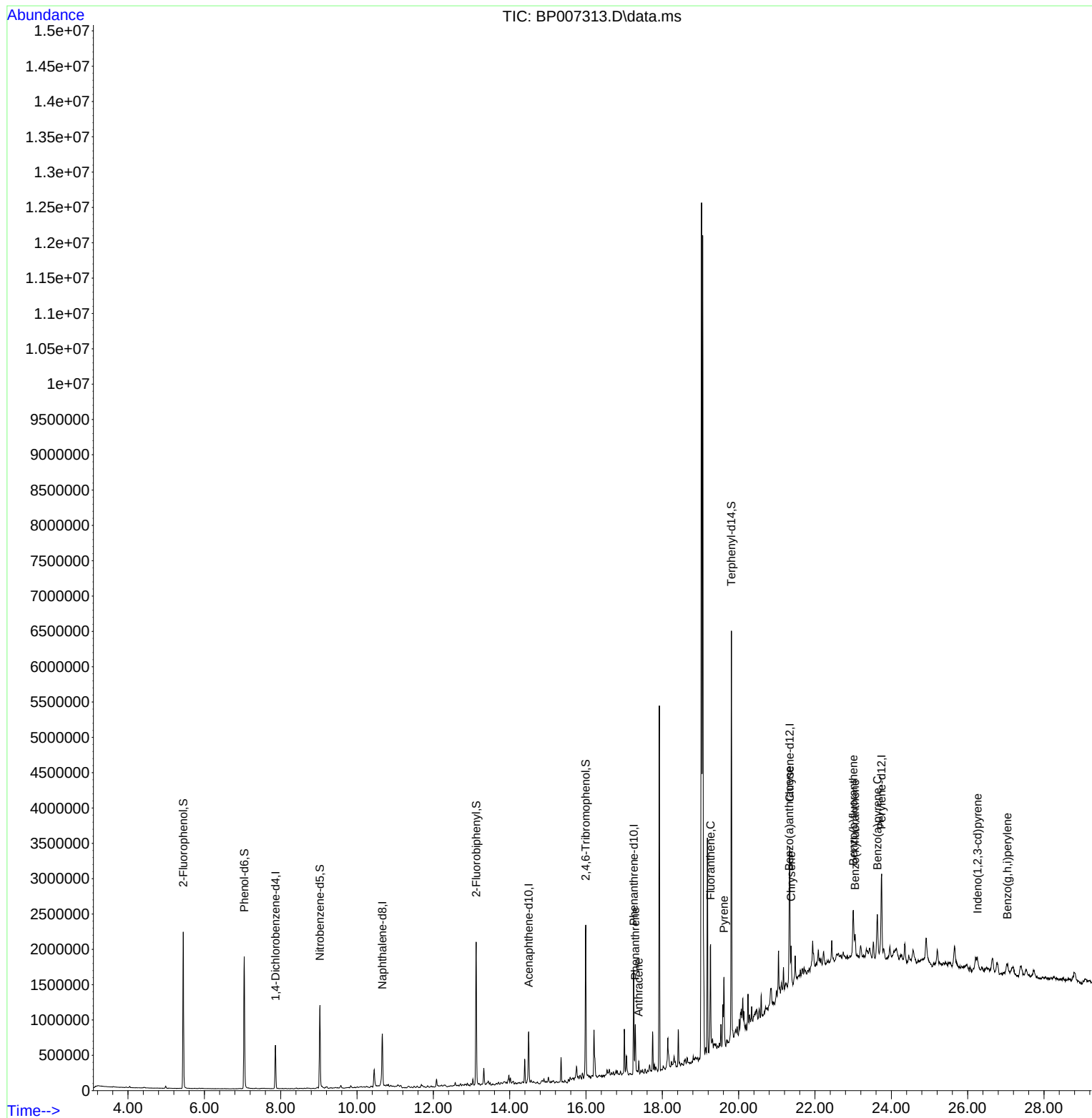
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Data File : BP007313.D
Acq On : 04 Oct 2021 19:46
Operator : CG/JU
Sample : M4042-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

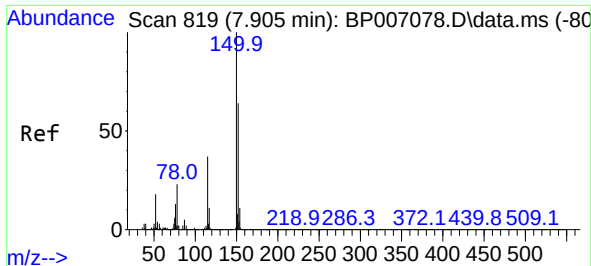
Instrument :
BNA_P
ClientSampleId :
EO-01-100121

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Quant Time: Oct 05 02:22:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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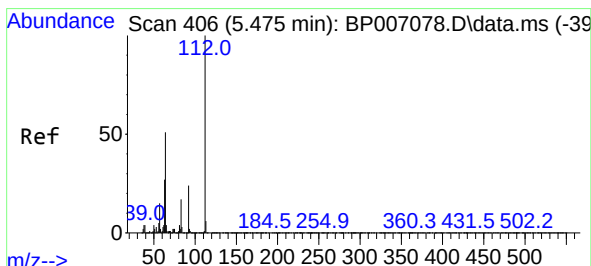
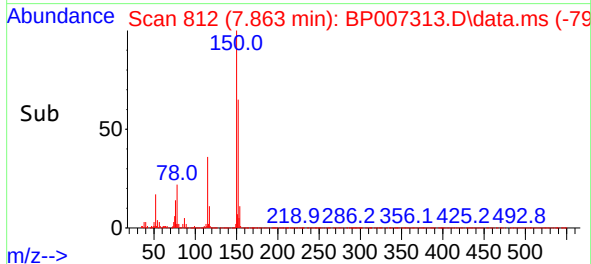
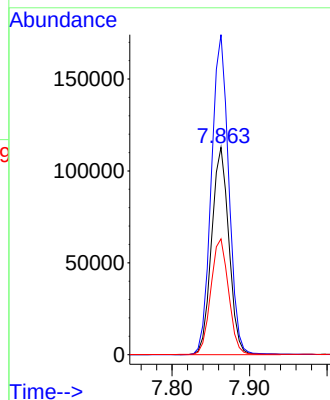
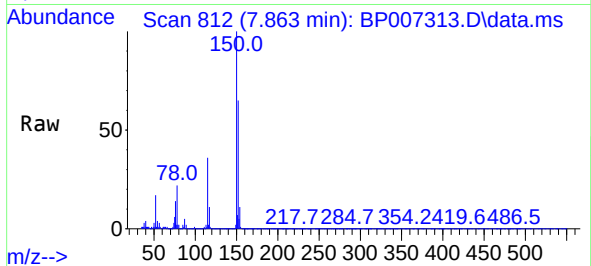
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

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

Instrument :
BNA_P
ClientSampleId :
EO-01-100121

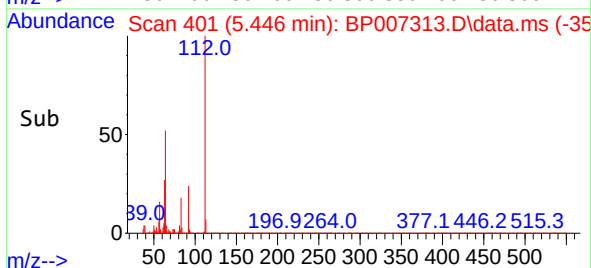
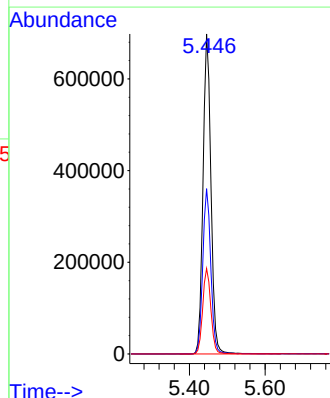
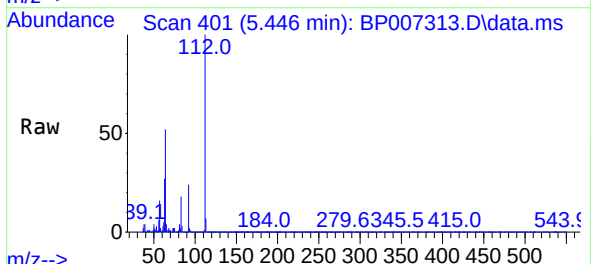
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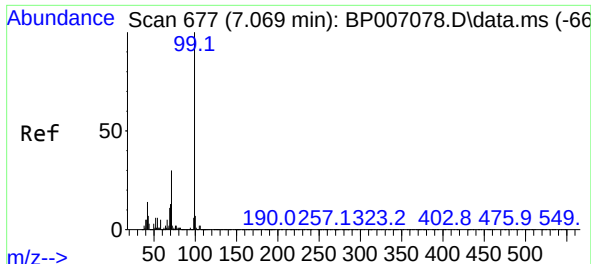
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#5
2-Fluorophenol
Concen: 97.79 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

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

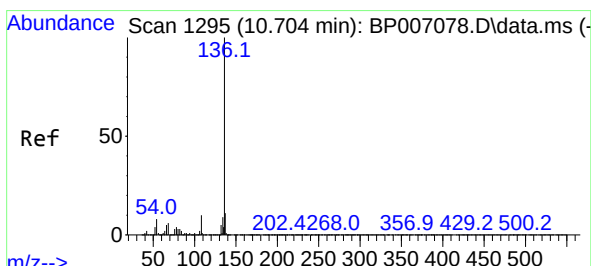
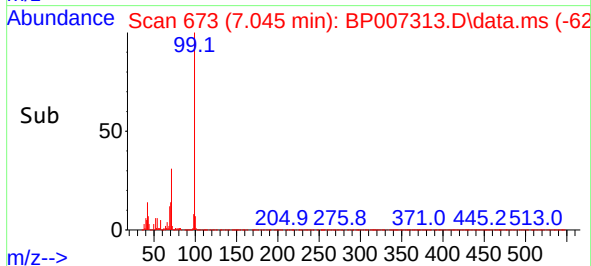
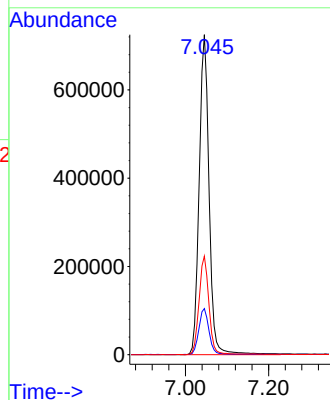
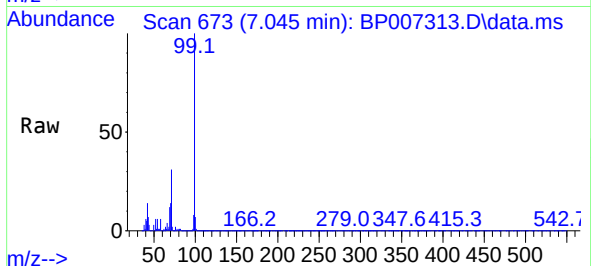
Tgt Ion: 99 Resp: 1203219

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.4	20.0
71	30.8	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
EO-01-100121

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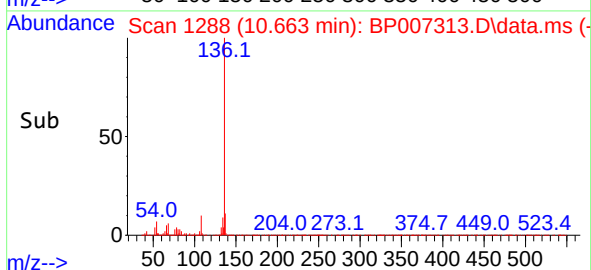
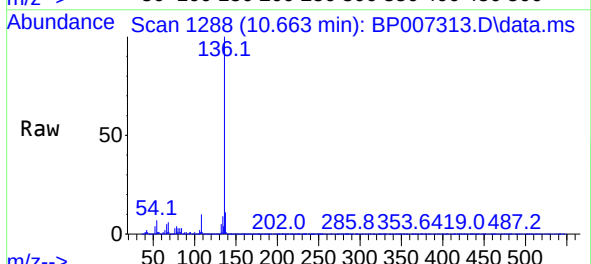
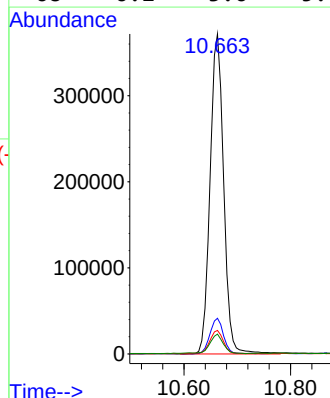
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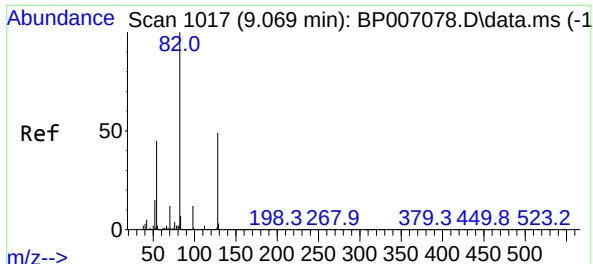


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

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#





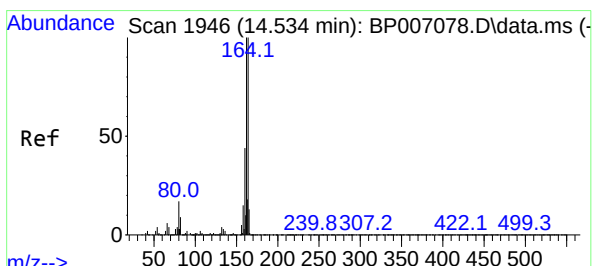
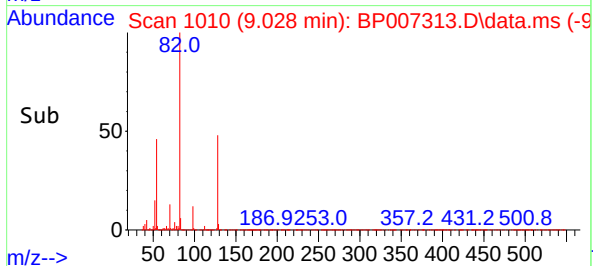
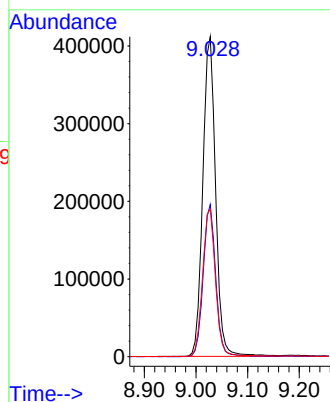
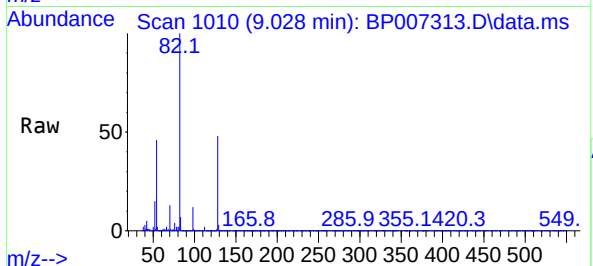
#23
Nitrobenzene-d5
Concen: 62.94 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

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

Instrument :
BNA_P
ClientSampleId :
EO-01-100121

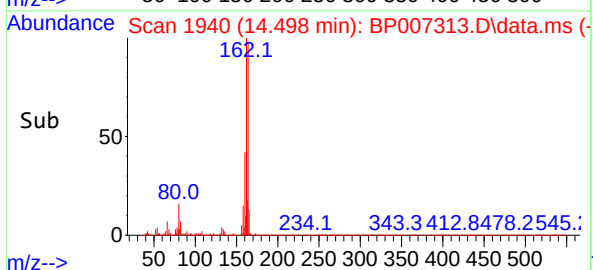
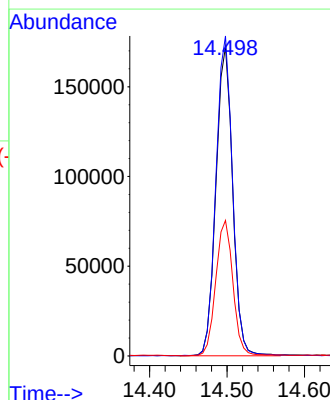
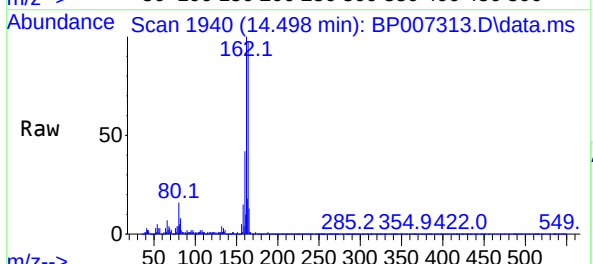
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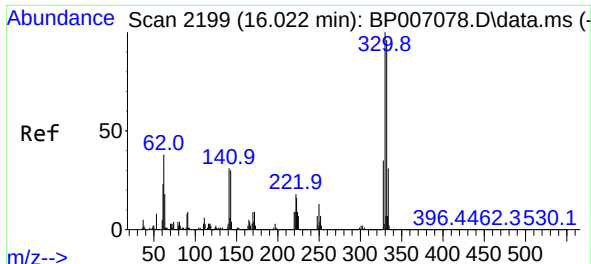
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

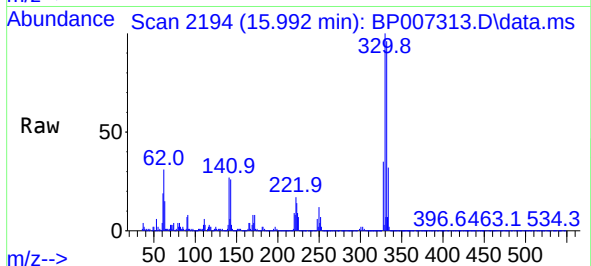
Tgt Ion: 164 Resp: 258140
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 43.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 144.84 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

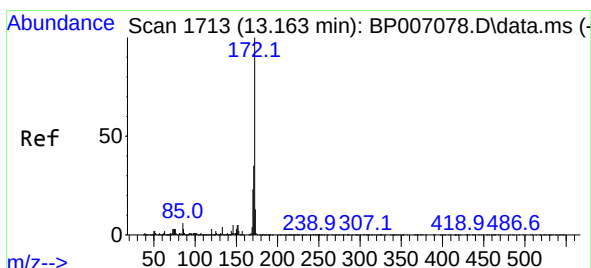
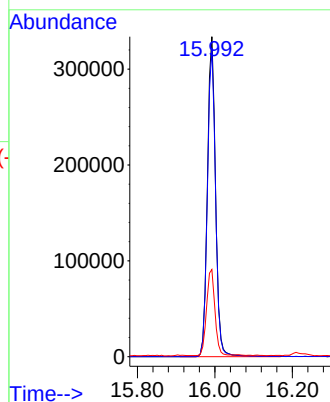
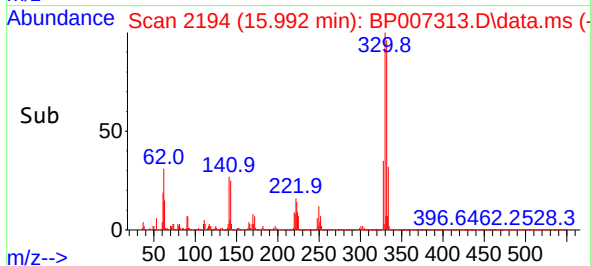
Instrument :
BNA_P
ClientSampleId :
EO-01-100121



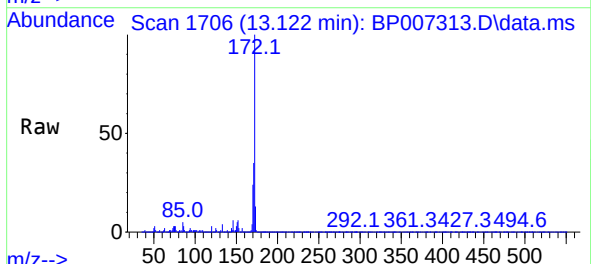
Tgt Ion:330 Resp: 484719
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 27.9 25.4 38.2

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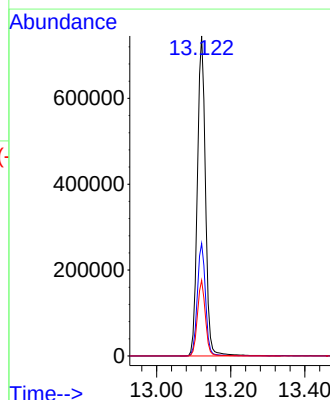
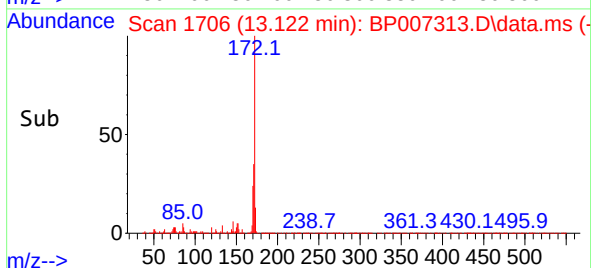
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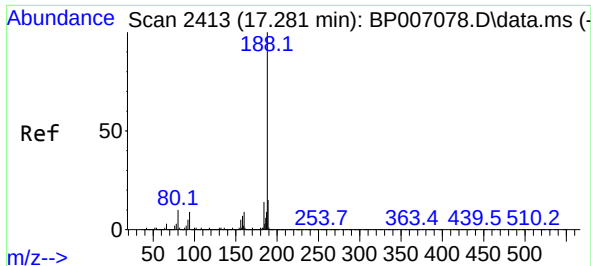


#45
2-Fluorobiphenyl
Concen: 62.75 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46



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





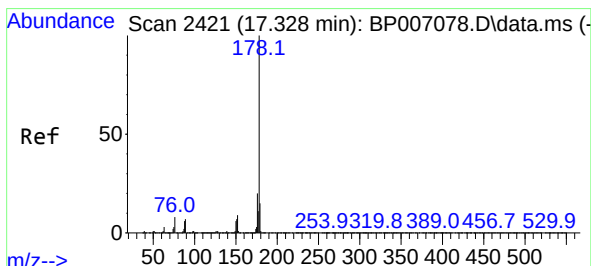
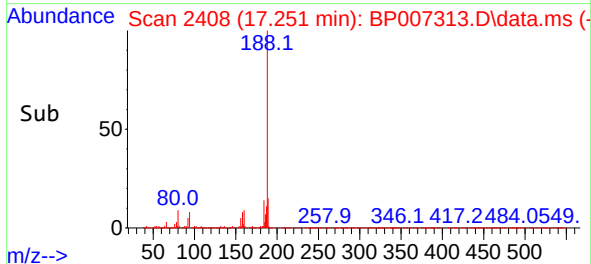
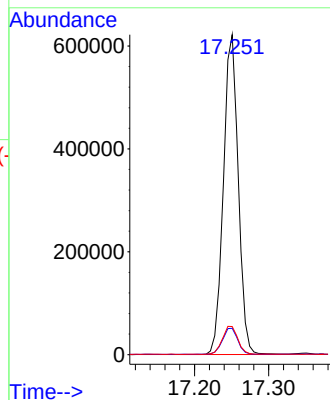
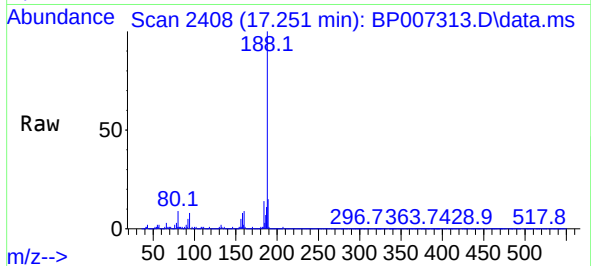
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

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

Instrument :
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EO-01-100121

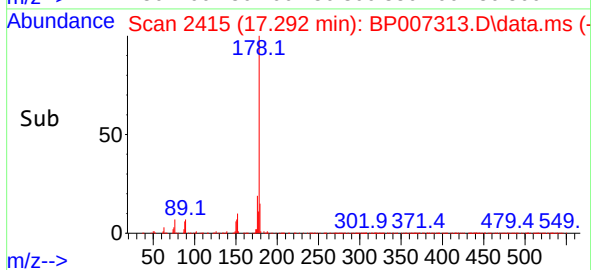
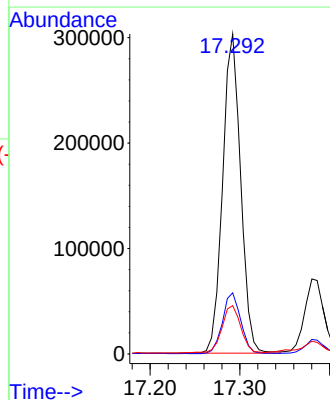
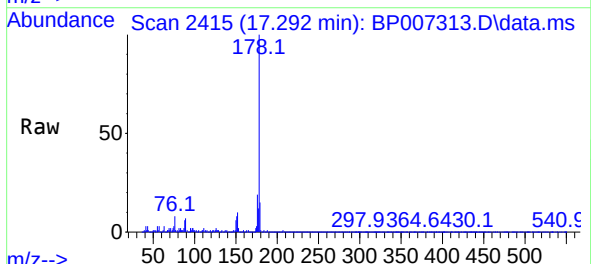
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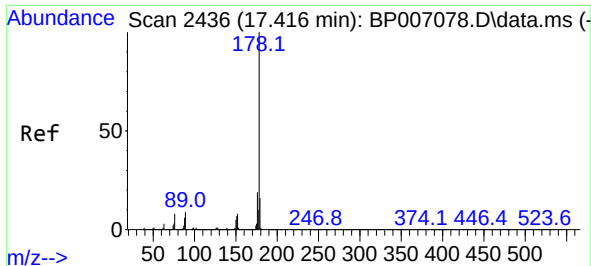
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#71
Phenanthrene
Concen: 9.11 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

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





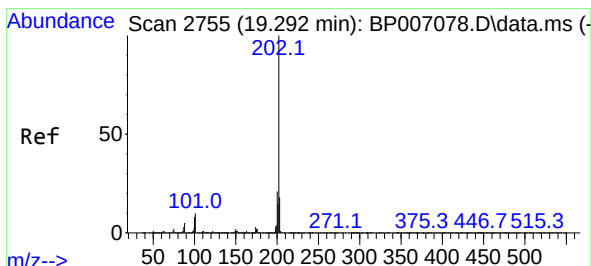
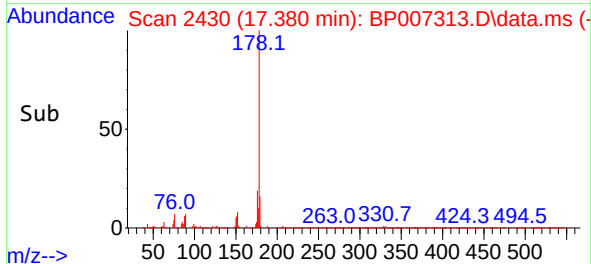
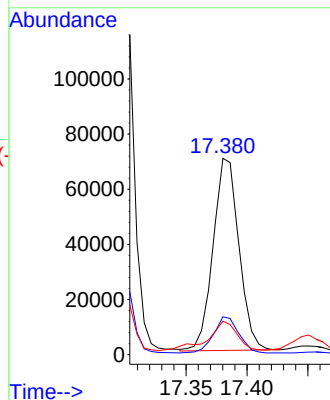
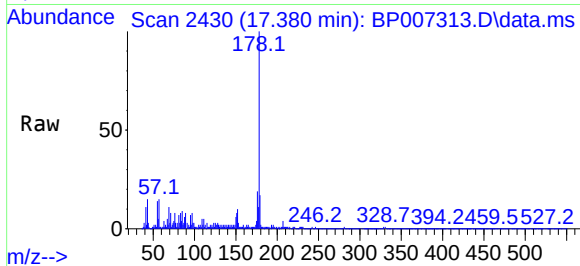
#72
 Anthracene
 Concen: 2.27 ng
 RT: 17.380 min Scan# 2430
 Delta R.T. -0.006 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

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

Instrument :
 BNA_P
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 EO-01-100121

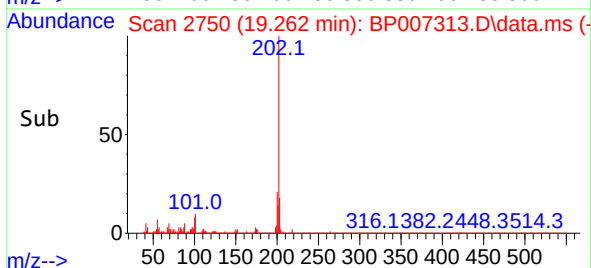
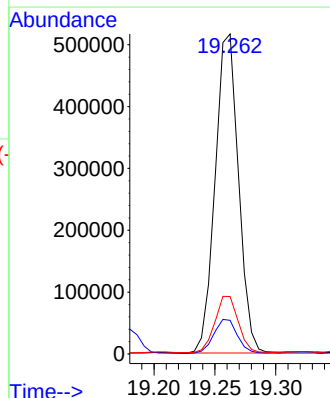
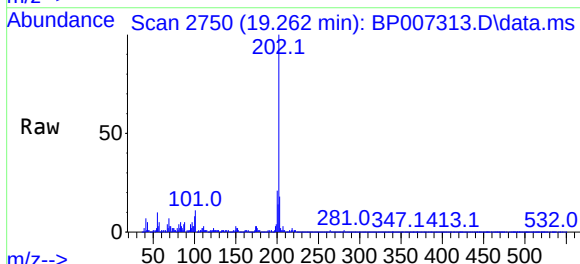
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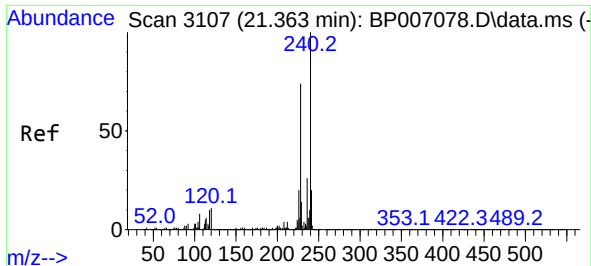
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#75
 Fluoranthene
 Concen: 12.91 ng
 RT: 19.262 min Scan# 2750
 Delta R.T. -0.000 min
 Lab File: BP007313.D
 Acq: 04 Oct 2021 19:46

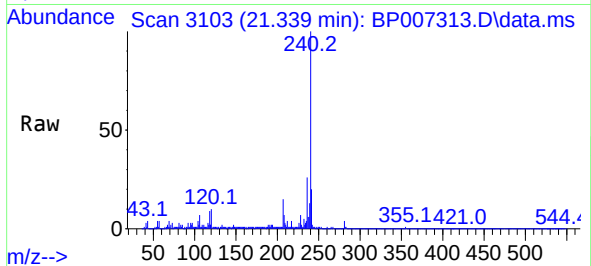
Tgt Ion:202 Resp: 689284
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 27.6
 203 17.9 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

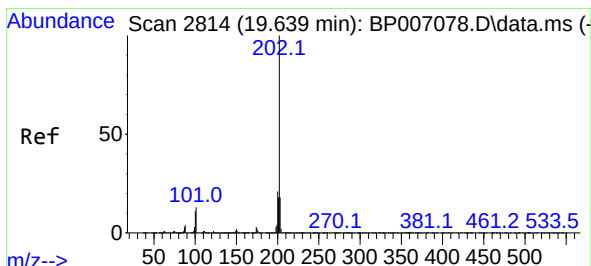
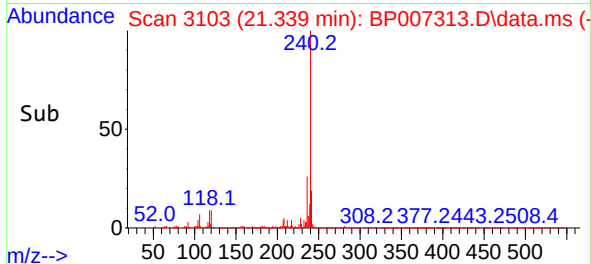
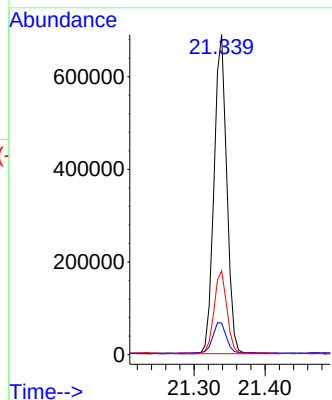
Instrument :
BNA_P
ClientSampleId :
EO-01-100121



Tgt Ion:240 Resp: 855957
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.2 20.6 31.0

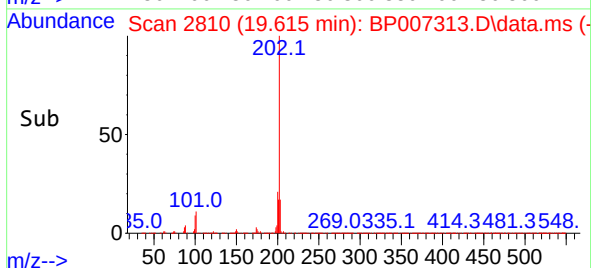
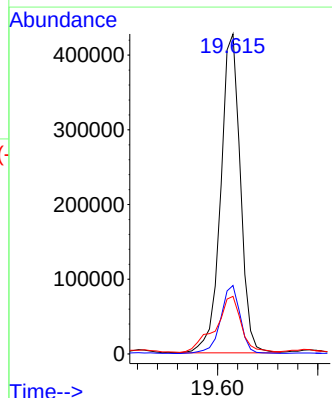
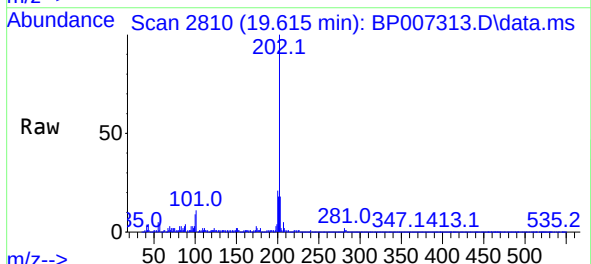
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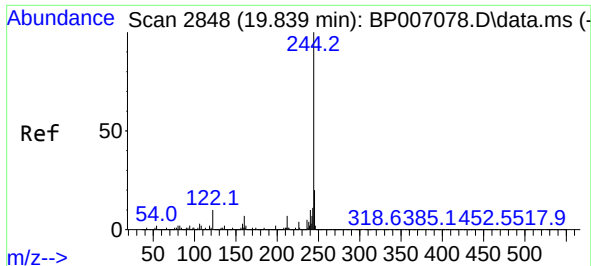
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#78
Pyrene
Concen: 10.31 ng
RT: 19.615 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

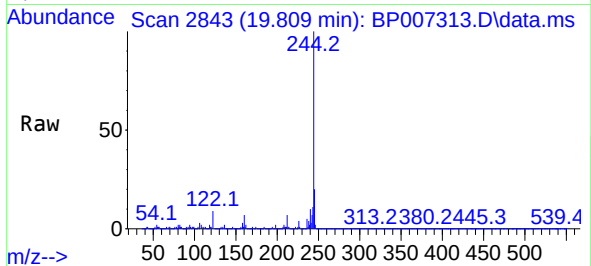
Tgt Ion:202 Resp: 578984
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 58.72 ng
RT: 19.809 min Scan# 2843
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

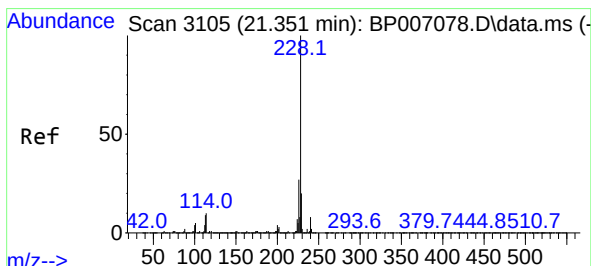
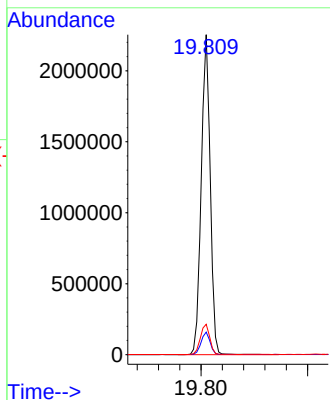
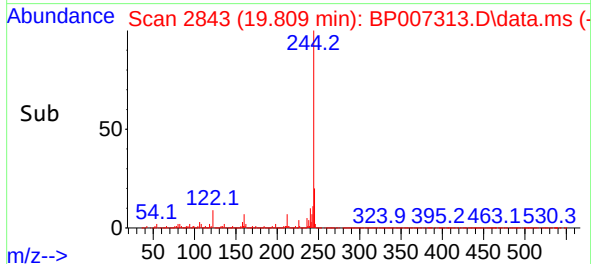
Instrument :
BNA_P
ClientSampleId :
EO-01-100121



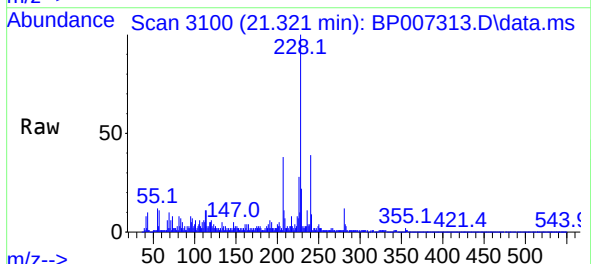
Tgt Ion:244 Resp: 2622857
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.5 7.1 10.7

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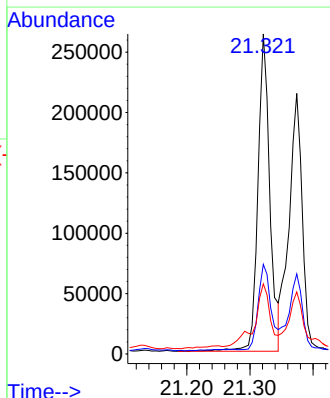
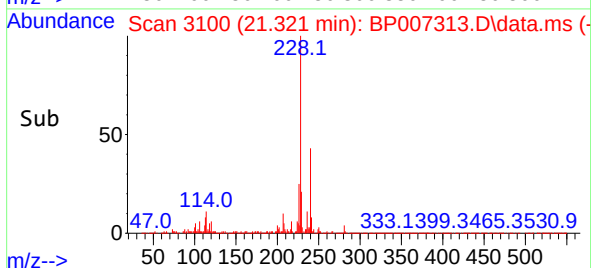
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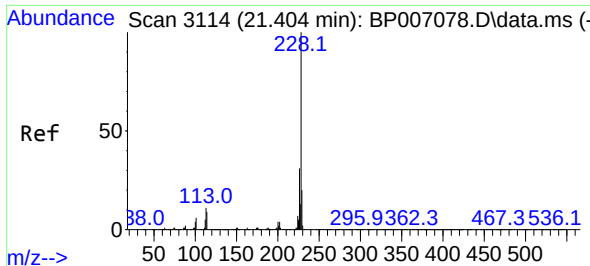


#81
Benzo(a)anthracene
Concen: 6.21 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46



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





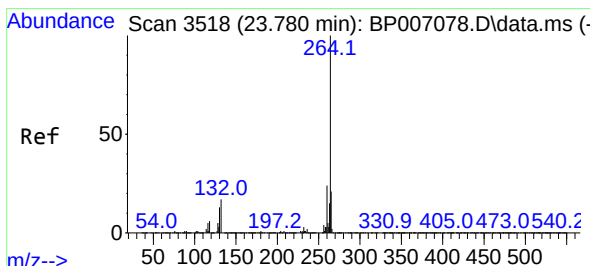
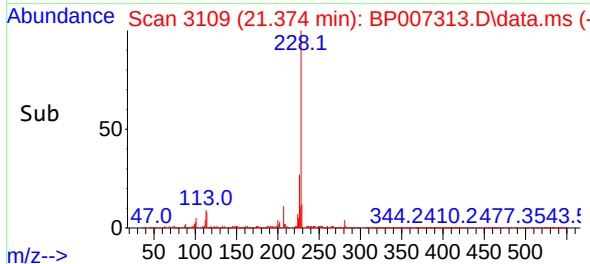
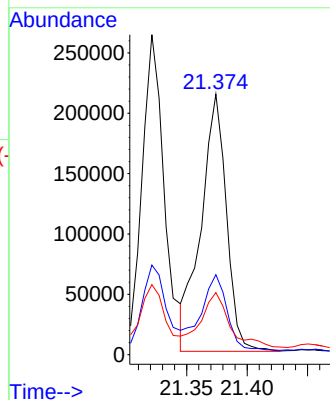
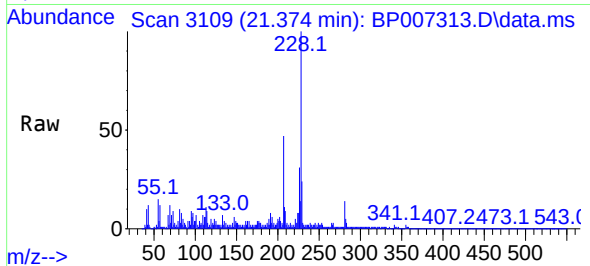
#83
Chrysene
Concen: 5.88 ng m
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Tgt Ion: 228 Resp: 312238
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 23.9 15.4 23.2#

Instrument :
BNA_P
ClientSampleId :
EO-01-100121

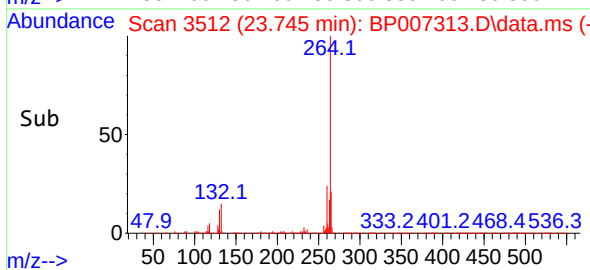
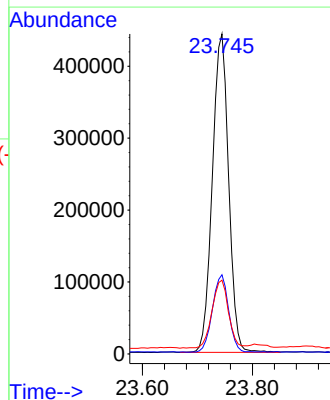
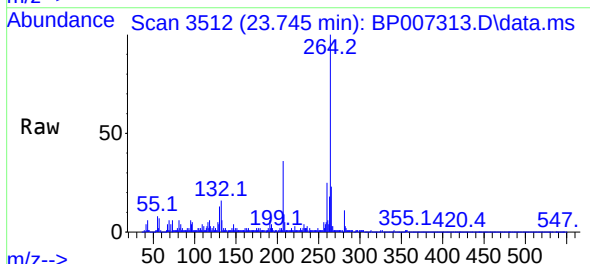
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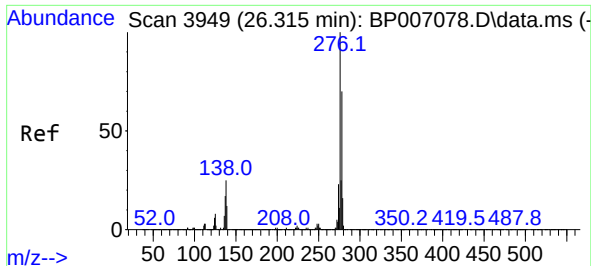
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

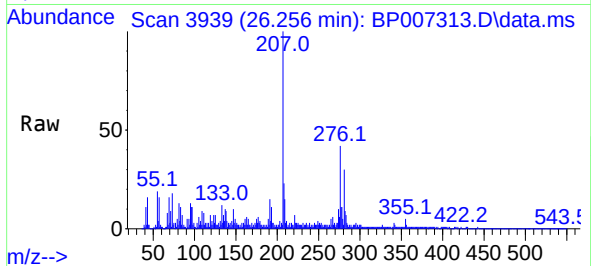
Tgt Ion: 264 Resp: 911027
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 23.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.86 ng
RT: 26.256 min Scan# 3939
Delta R.T. -0.012 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

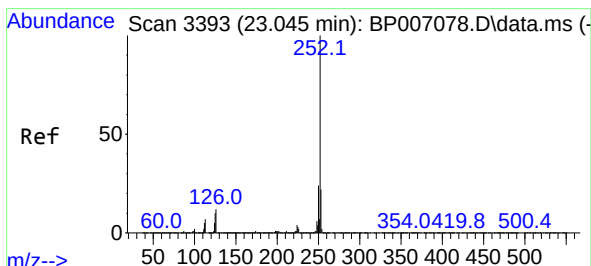
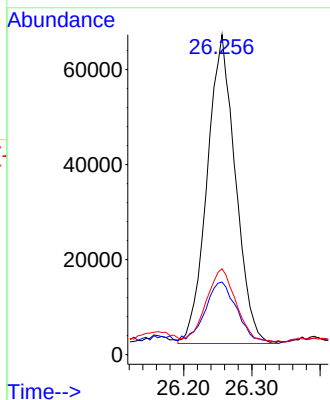
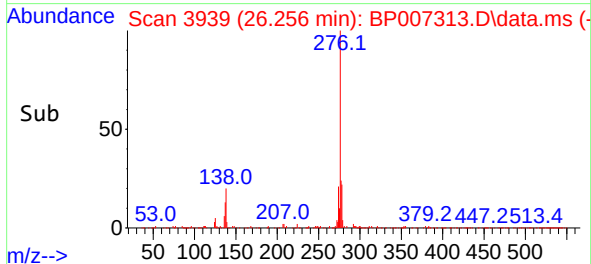
Instrument :
BNA_P
ClientSampleId :
EO-01-100121



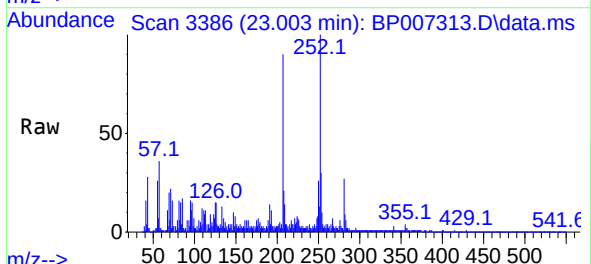
Tgt Ion:276 Resp: 187043
Ion Ratio Lower Upper
276 100
138 21.8 15.3 22.9
277 25.0 20.4 30.6

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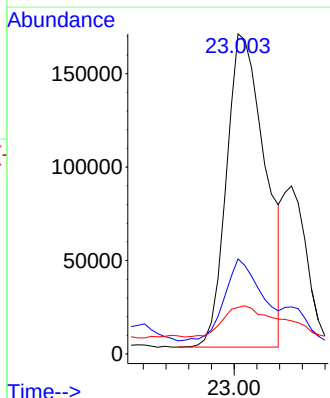
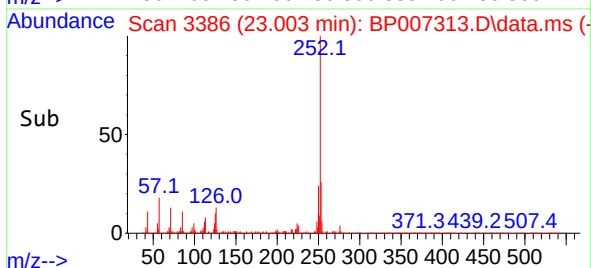
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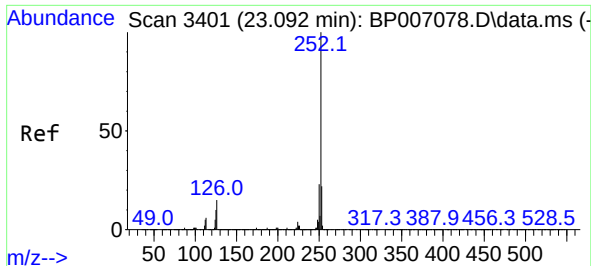


#88
Benzo(b)fluoranthene
Concen: 7.30 ng
RT: 23.003 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46



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#





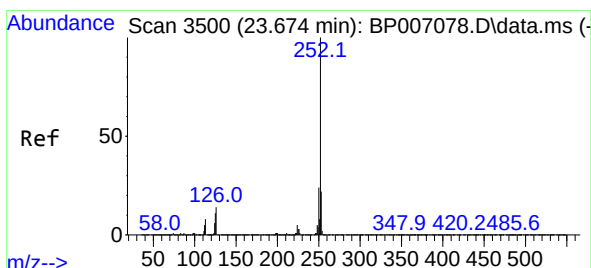
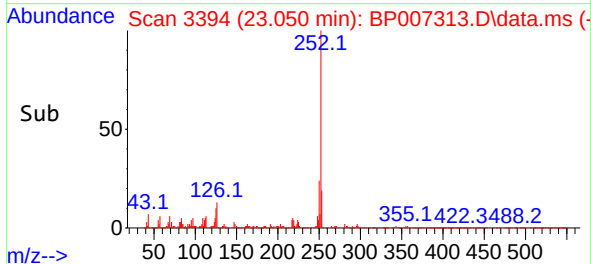
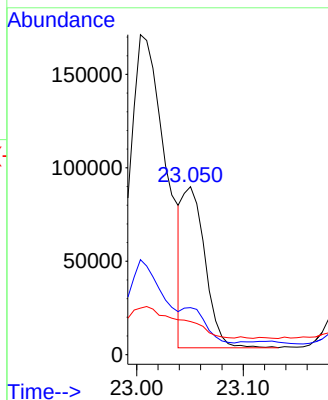
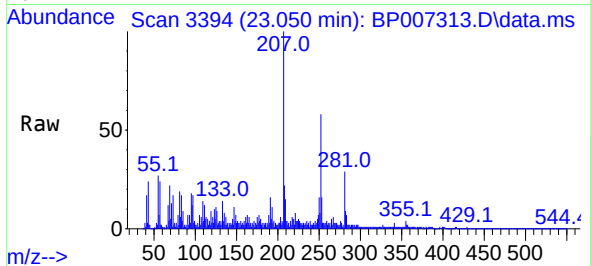
#89
Benzo(k)fluoranthene
Concen: 2.32 ng m
RT: 23.050 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

Instrument :
BNA_P
ClientSampleId :
EO-01-100121

Tgt Ion:252 Resp: 127683
Ion Ratio Lower Upper
252 100
253 28.0 17.6 26.4#
125 19.7 6.0 9.0#

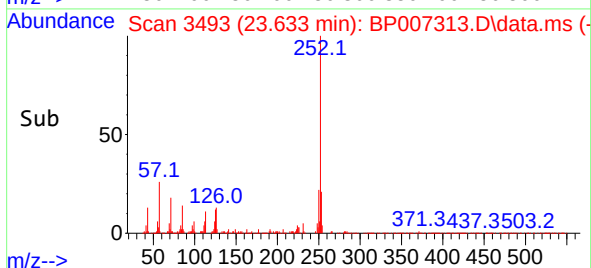
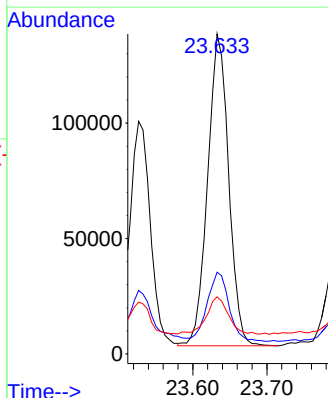
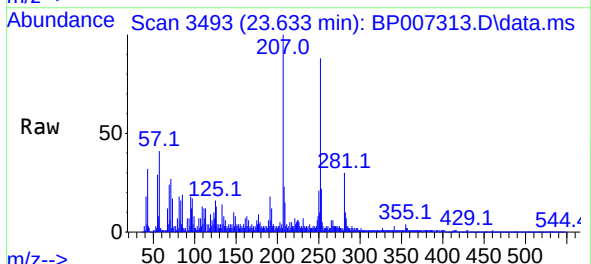
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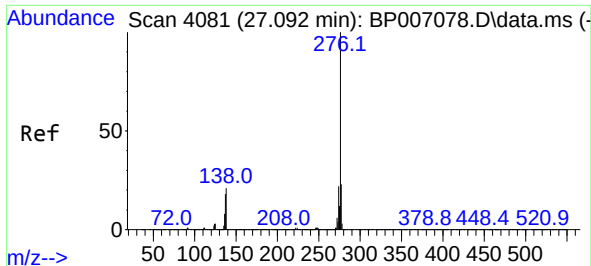
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#90
Benzo(a)pyrene
Concen: 5.76 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007313.D
Acq: 04 Oct 2021 19:46

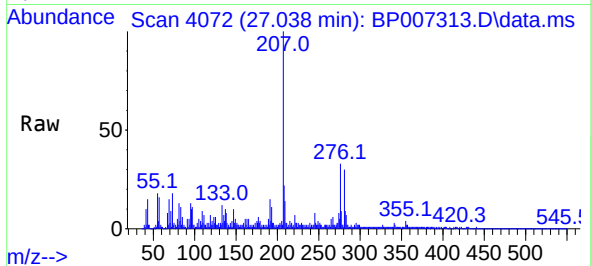
Tgt Ion:252 Resp: 266475
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 17.9 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.36 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#

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