

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007305.D
 Acq On : 04 Oct 2021 15:13
 Operator : CG/JU
 Sample : M4035-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 369

Manual Integrations
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Quant Time: Oct 04 16:32:14 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	258049	20.00	ng	0.00
21) Naphthalene-d8	10.663	136	1048054	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	667025	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	1340569	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	977508	20.00	ng	# 0.00
86) Perylene-d12	23.745	264	936241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1638590	106.29	ng	0.00
7) Phenol-d6	7.046	99	2035768	96.62	ng	0.00
23) Nitrobenzene-d5	9.028	82	1198784	66.61	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	848815	98.16	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2867297	61.58	ng	0.00
79) Terphenyl-d14	19.810	244	3659863	71.75	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.222	152	124890	2.11	ng	100
71) Phenanthrene	17.292	178	497419	6.92	ng	99
75) Fluoranthene	19.263	202	1077242	13.01	ng	97
78) Pyrene	19.616	202	1121615	17.49	ng	99
81) Benzo(a)anthracene	21.322	228	512141	8.07	ng	97
83) Chrysene	21.374	228	530807	8.75	ng	96
87) Indeno(1,2,3-cd)pyrene	26.257	276	309844	4.61	ng	98
88) Benzo(b)fluoranthene	23.010	252	619231	11.07	ng	# 95
89) Benzo(k)fluoranthene	23.051	252	182003m	3.21	ng	
90) Benzo(a)pyrene	23.639	252	444191	9.34	ng	# 96
92) Benzo(g,h,i)perylene	27.027	276	307653	5.59	ng	# 93

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

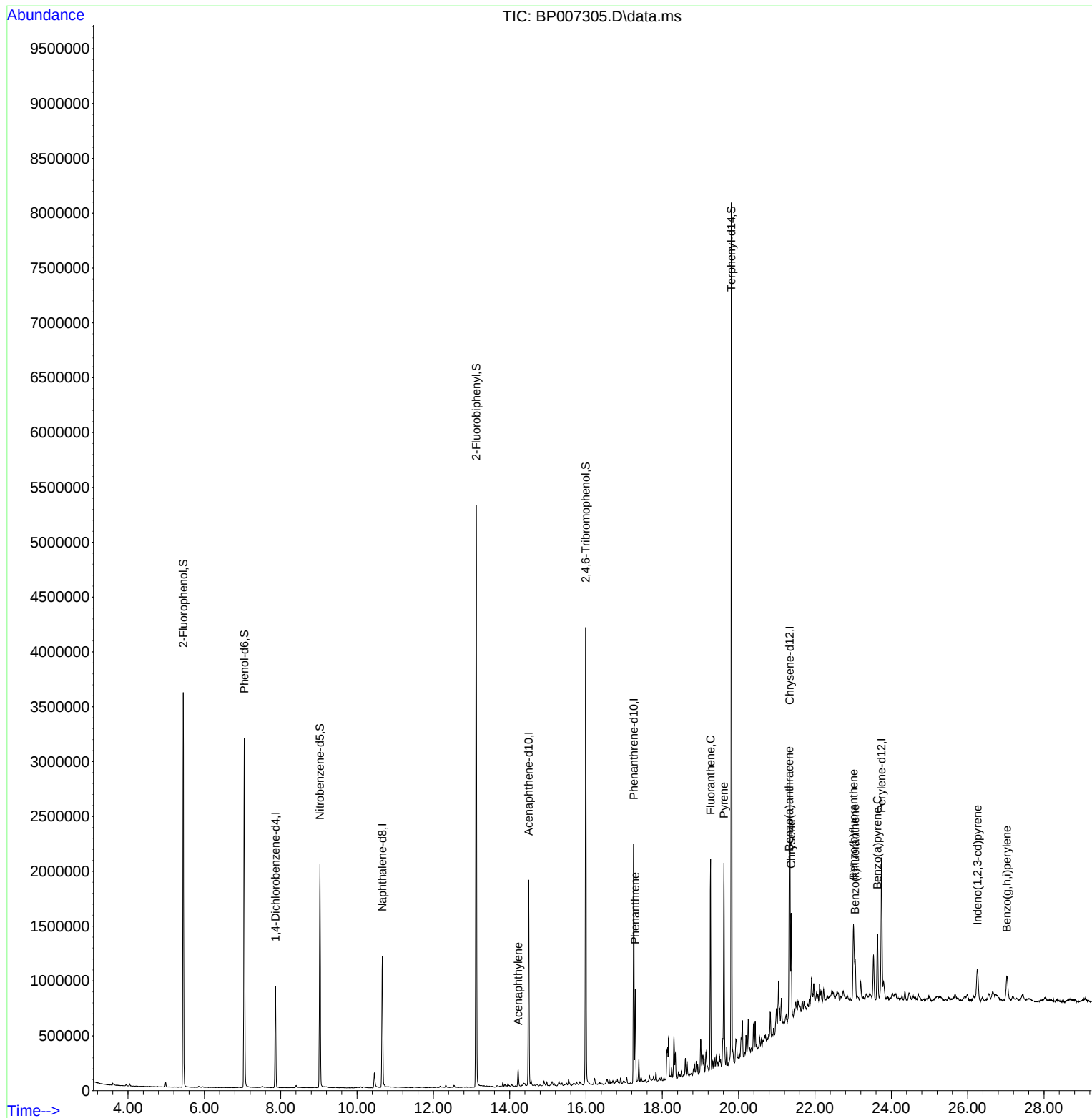
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Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

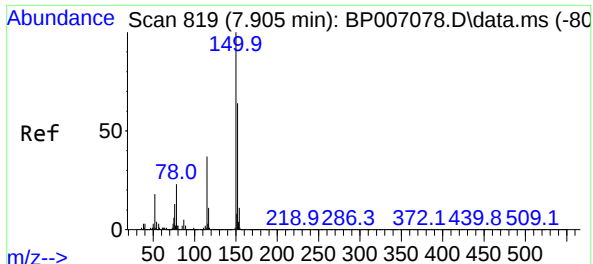
Instrument :
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ClientSampleId :
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Response via : Initial Calibration





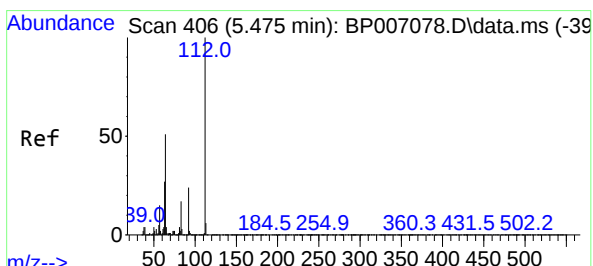
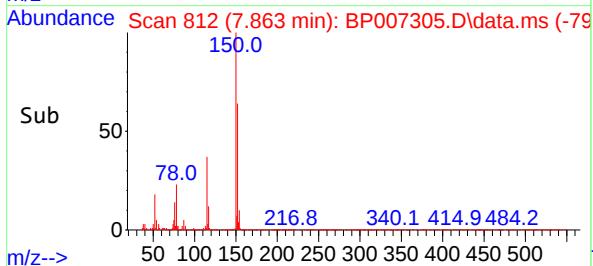
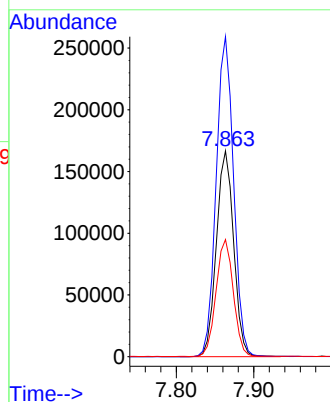
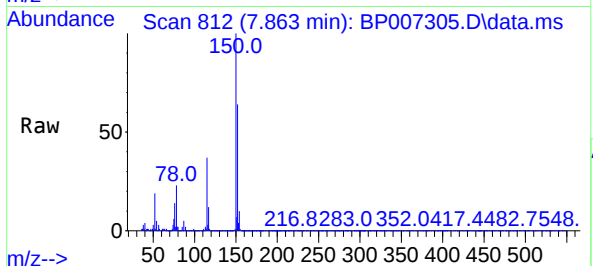
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:152 Resp: 258049
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 56.9 48.5 72.7

Instrument :
BNA_P
ClientSampled :
369

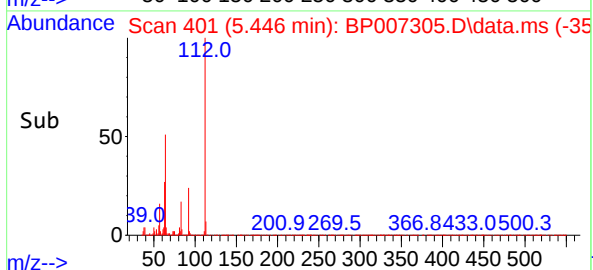
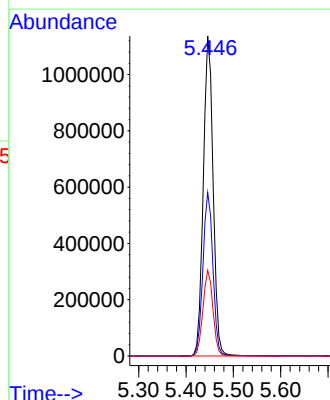
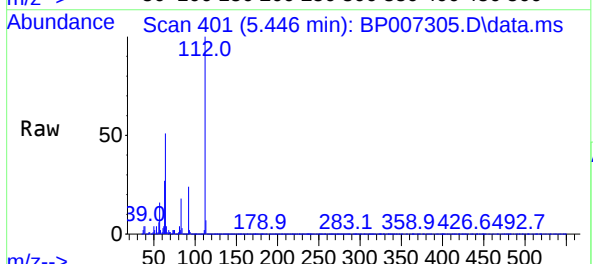
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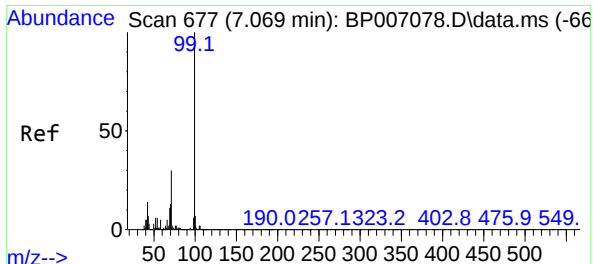
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#5
2-Fluorophenol
Concen: 106.29 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

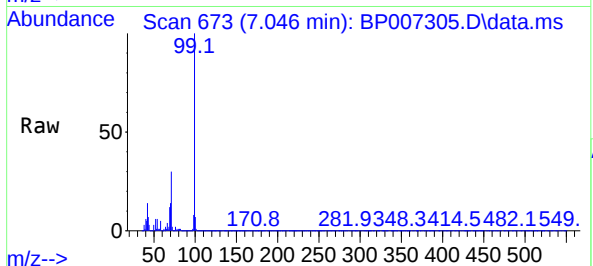
Tgt Ion:112 Resp: 1638590
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 26.8 23.8 35.8





#7
Phenol-d6
Concen: 96.62 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

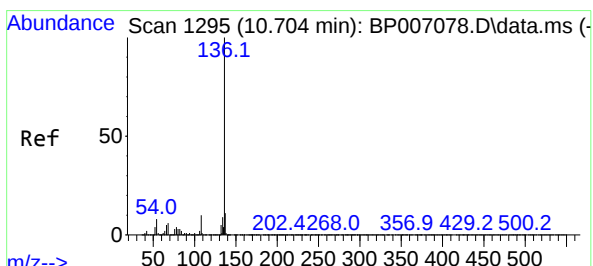
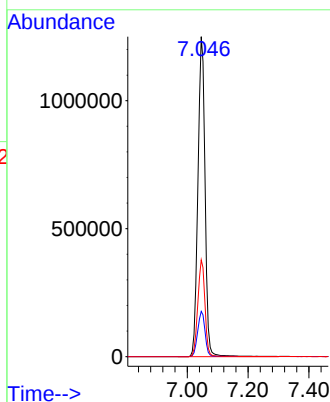
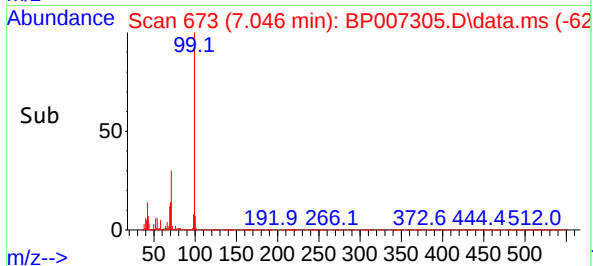
Instrument :
BNA_P
ClientSampled :
369



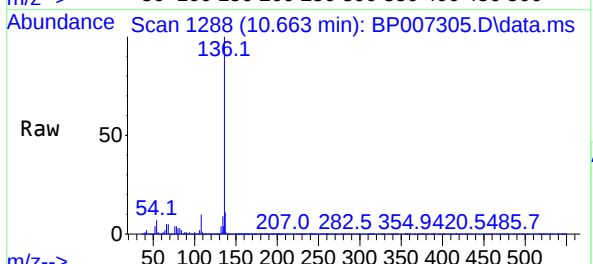
Tgt Ion: 99 Resp: 2035768
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 30.2 30.6 46.0#

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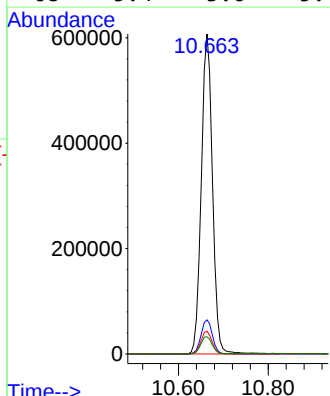
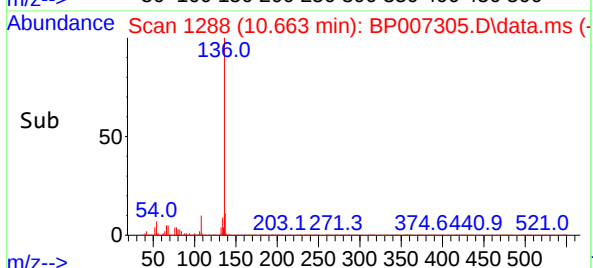
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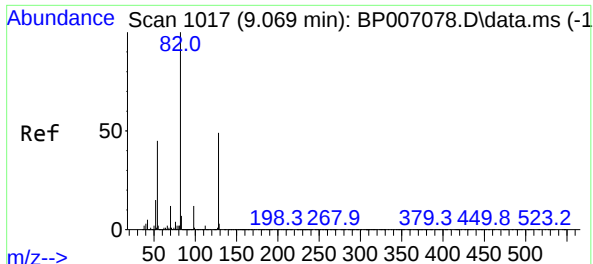


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13



Tgt Ion: 136 Resp: 1048054
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.2 4.6 6.8#
68 5.4 3.6 5.4





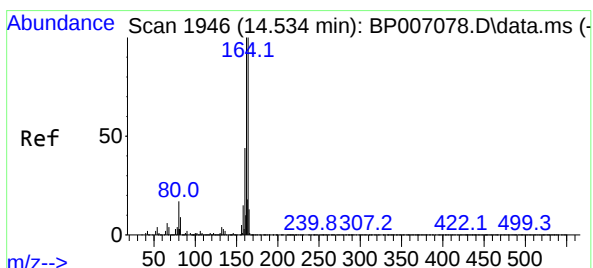
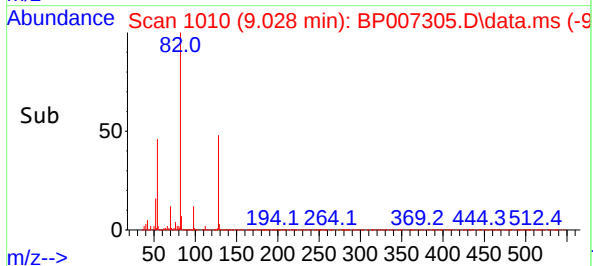
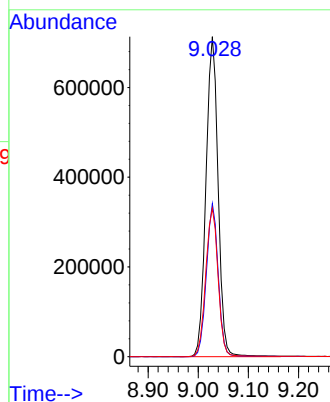
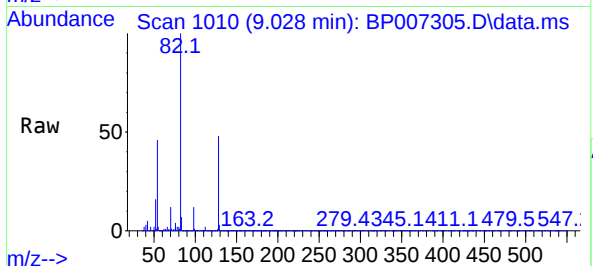
#23
Nitrobenzene-d5
Concen: 66.61 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion: 82 Resp: 1198784
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 46.3 35.0 52.4

Instrument :
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ClientSampled :
369

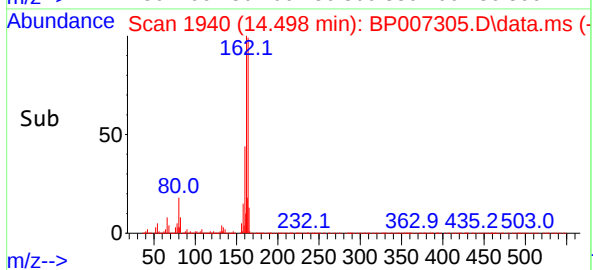
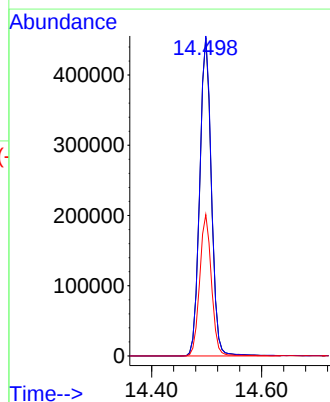
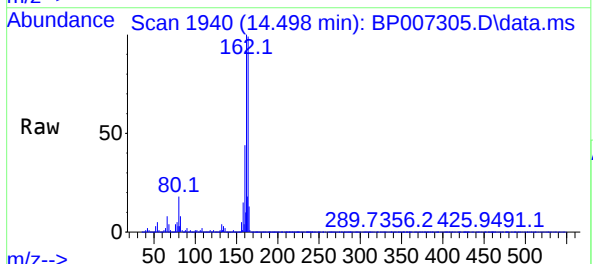
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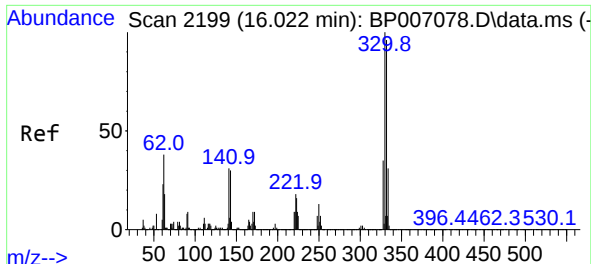
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

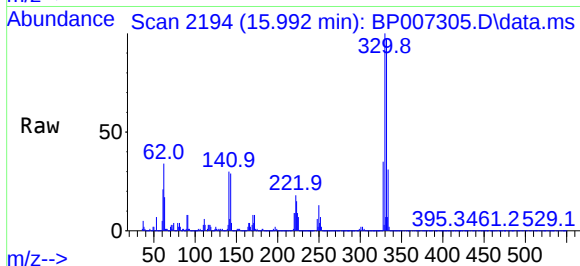
Tgt Ion: 164 Resp: 667025
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 44.4 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 98.16 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

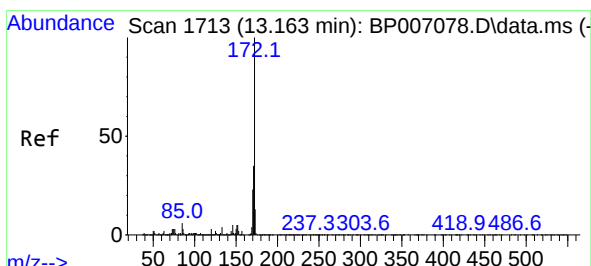
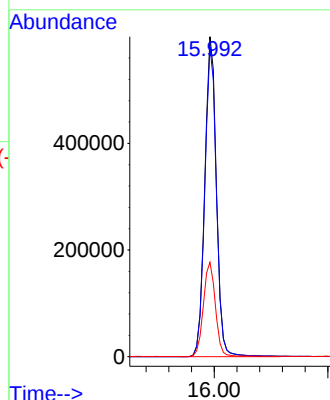
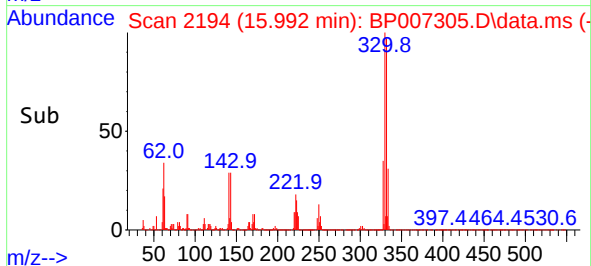
Instrument :
BNA_P
ClientSampleId :
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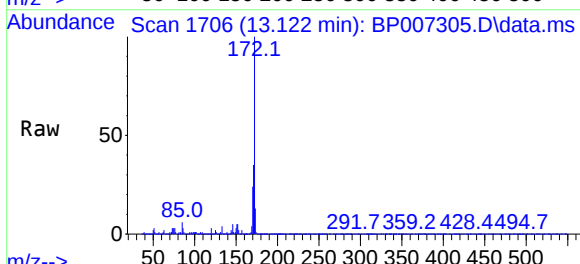
Tgt Ion:330 Resp: 848815
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 30.6 25.4 38.2

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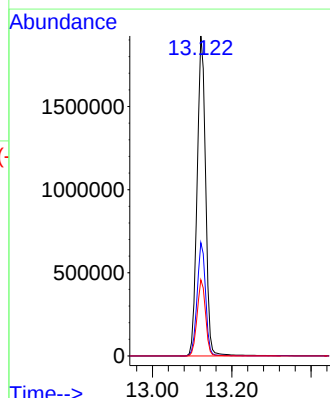
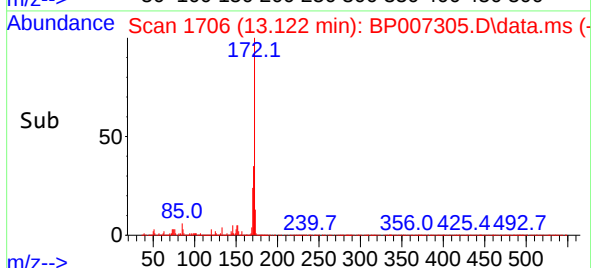
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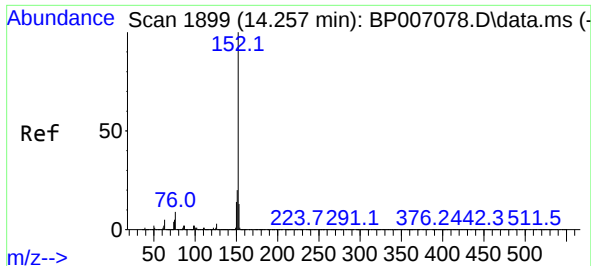


#45
2-Fluorobiphenyl
Concen: 61.58 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13



Tgt Ion:172 Resp: 2867297
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.8 18.6 27.8





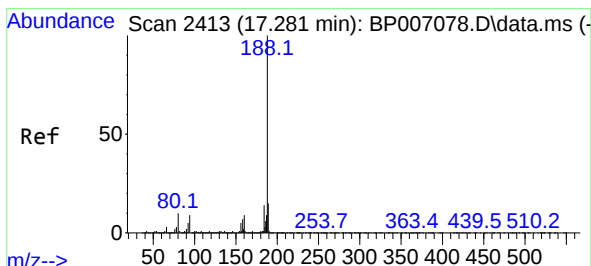
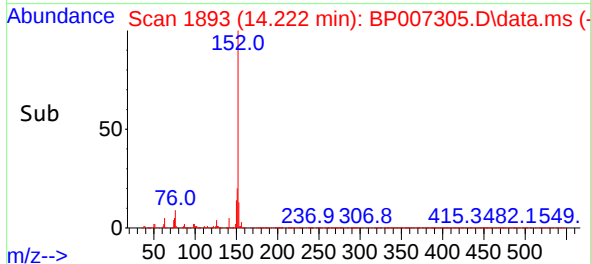
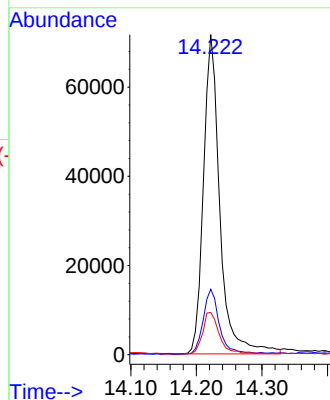
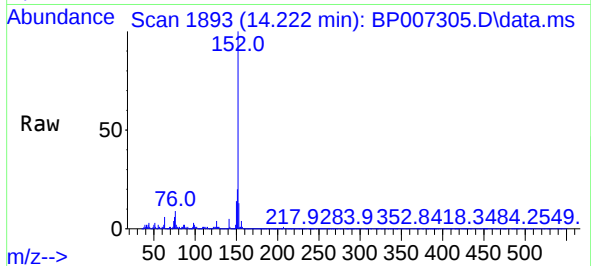
#49
Acenaphthylene
Concen: 2.11 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:152 Resp: 124890
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.2 10.6 16.0

Instrument :
BNA_P
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369

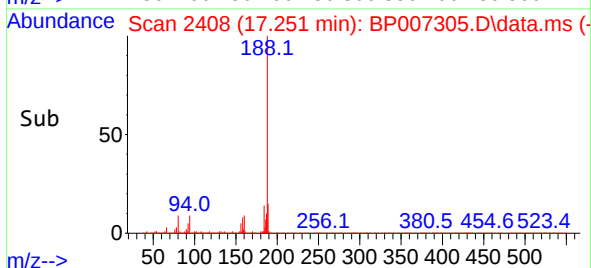
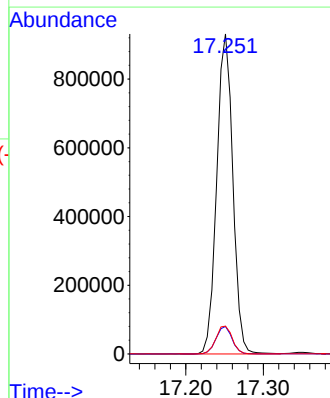
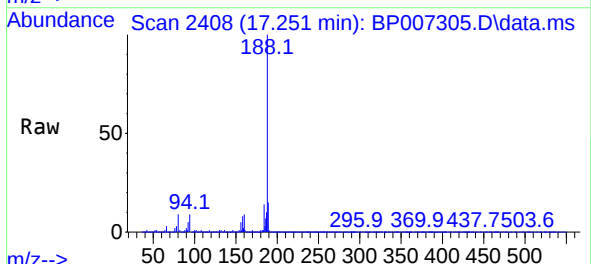
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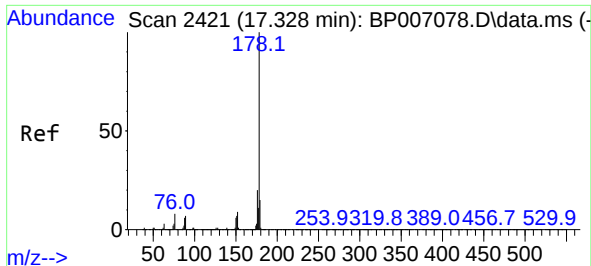
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:188 Resp: 1340569
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 8.7 6.3 9.5





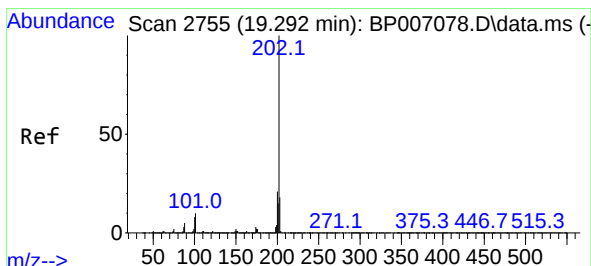
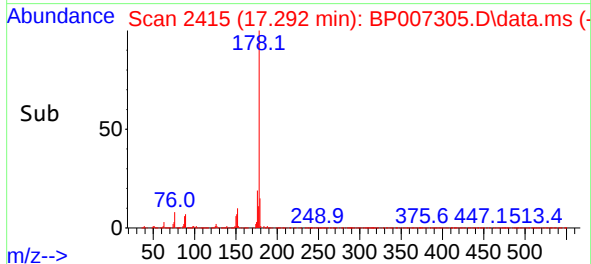
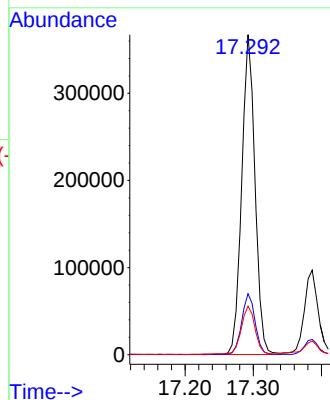
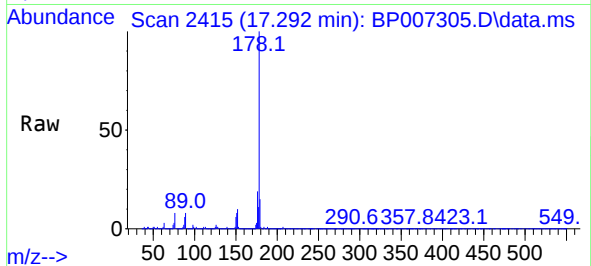
#71
Phenanthrene
Concen: 6.92 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:178 Resp: 497419
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.4 18.6

Instrument :
BNA_P
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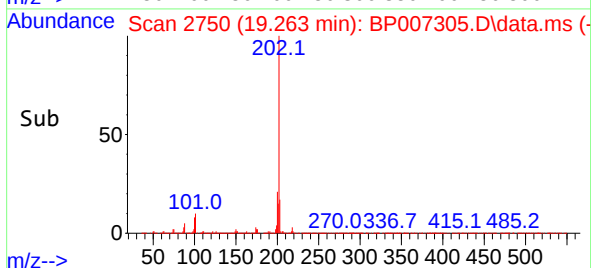
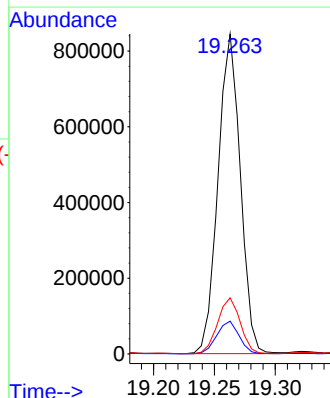
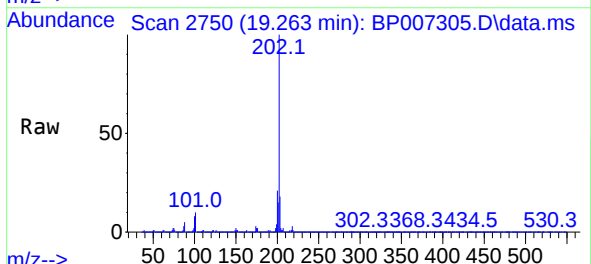
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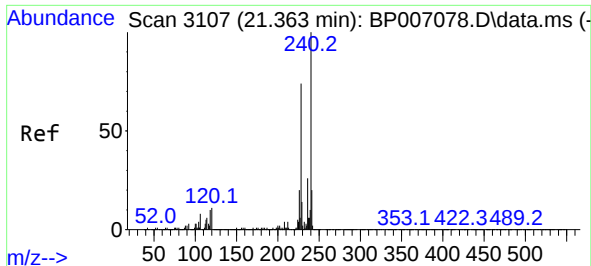
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#75
Fluoranthene
Concen: 13.01 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

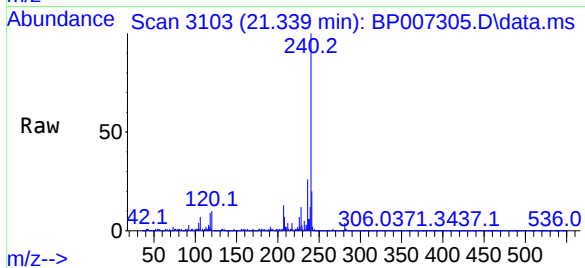
Tgt Ion:202 Resp: 1077242
Ion Ratio Lower Upper
202 100
101 10.3 0.0 27.6
203 17.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

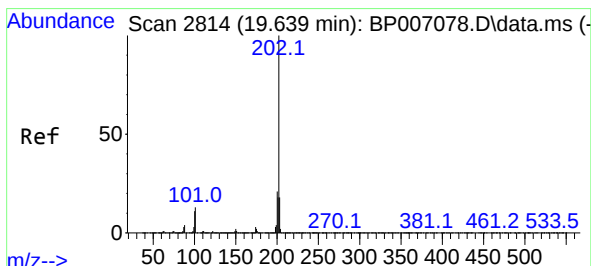
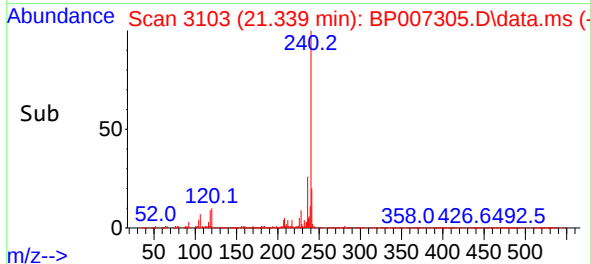
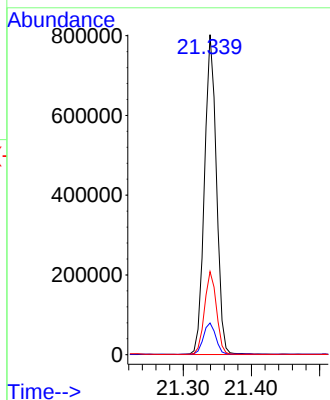
Instrument :
BNA_P
ClientSampled :
369



Tgt Ion:240 Resp: 977508
Ion Ratio Lower Upper
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120 9.9 6.5 9.7#
236 25.9 20.6 31.0

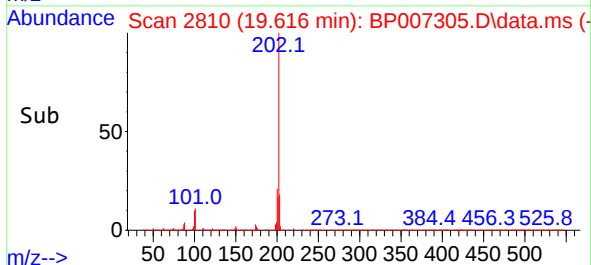
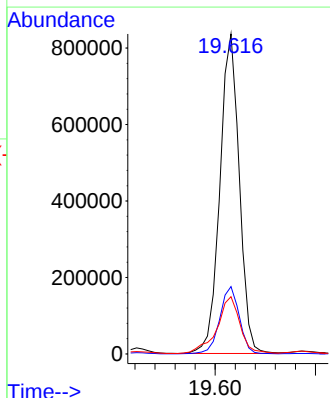
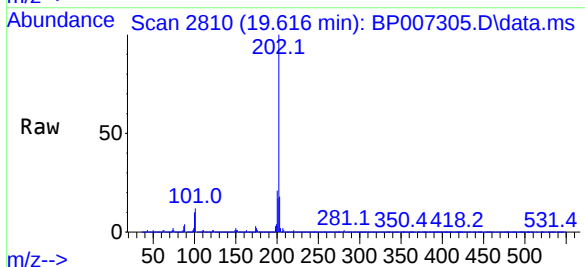
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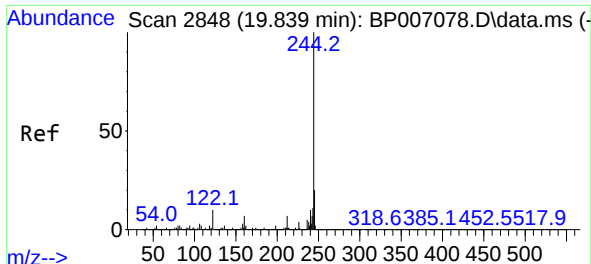
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#78
Pyrene
Concen: 17.49 ng
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Tgt Ion:202 Resp: 1121615
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.9 14.2 21.2



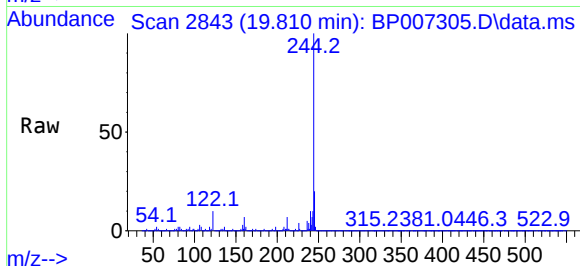


#79
Terphenyl-d14
Concen: 71.75 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

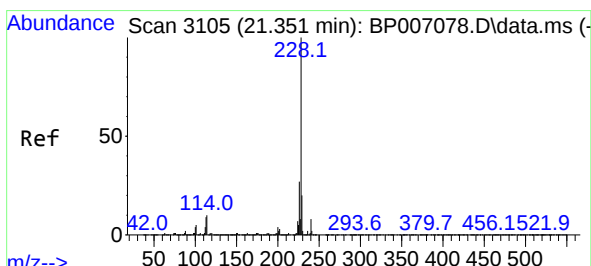
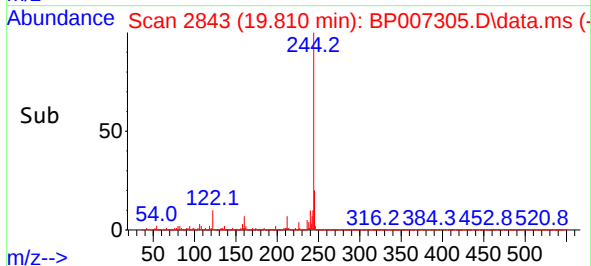
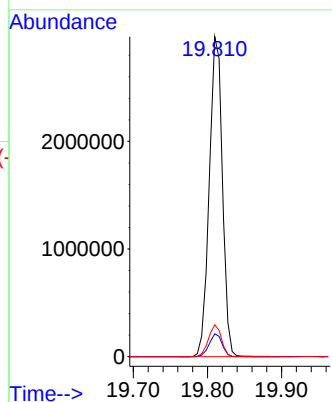
Instrument :
BNA_P
ClientSampled :
369

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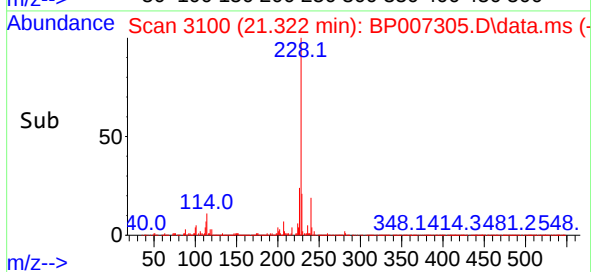
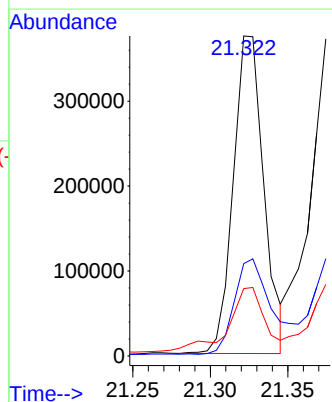
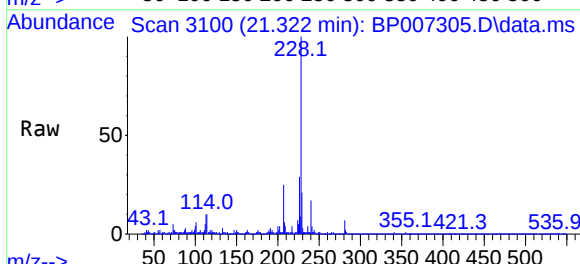


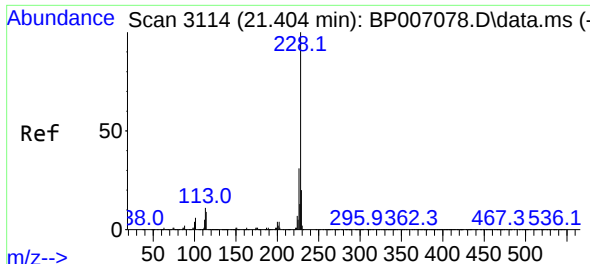
Tgt Ion:244 Resp: 3659863
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.0 7.1 10.7



#81
Benzo(a)anthracene
Concen: 8.07 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

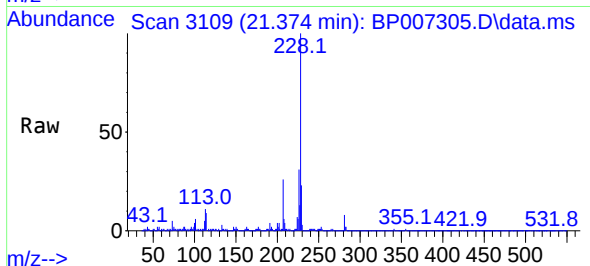
Tgt Ion:228 Resp: 512141
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 21.0 15.8 23.6





#83
Chrysene
Concen: 8.75 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

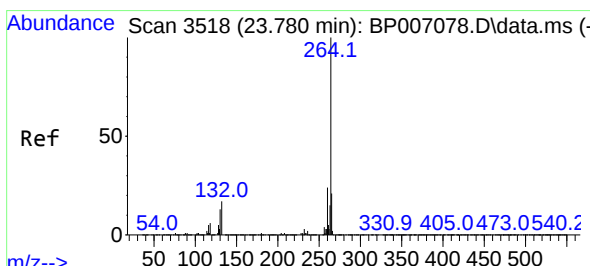
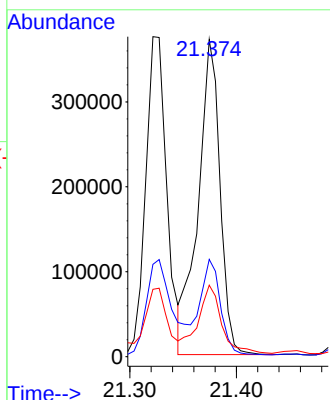
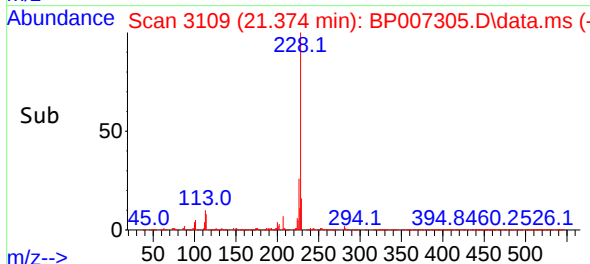
Instrument :
BNA_P
ClientSampled :
369



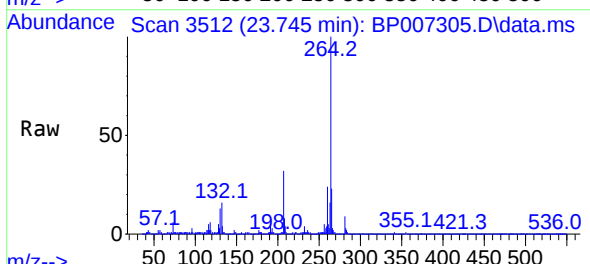
Tgt Ion:228 Resp: 530807
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.6 15.4 23.2

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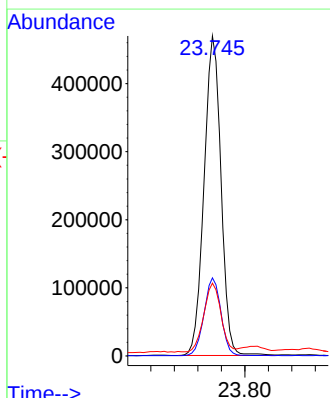
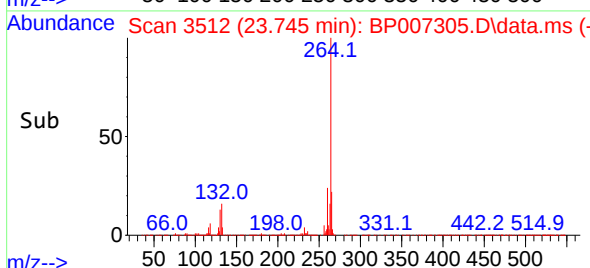
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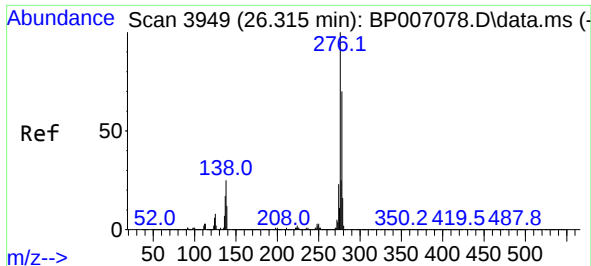


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.745 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13



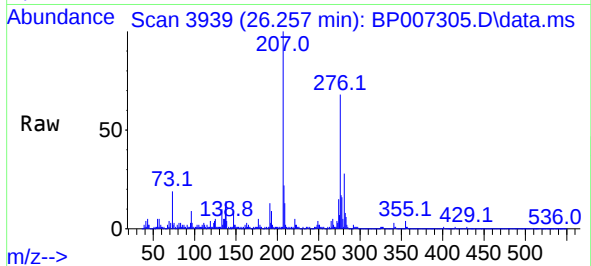
Tgt Ion:264 Resp: 936241
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.61 ng
RT: 26.257 min Scan# 3939
Delta R.T. -0.011 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

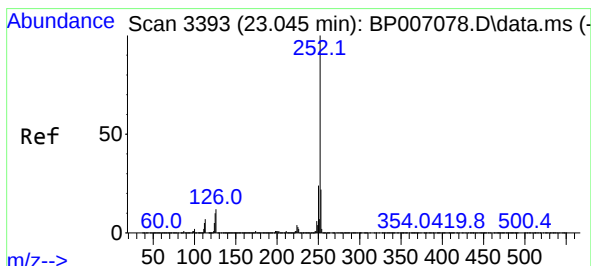
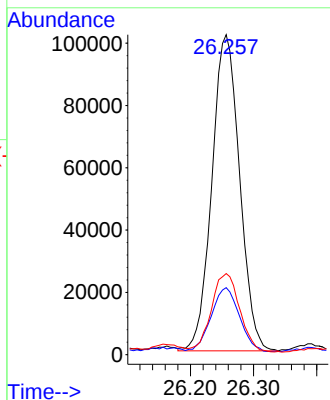
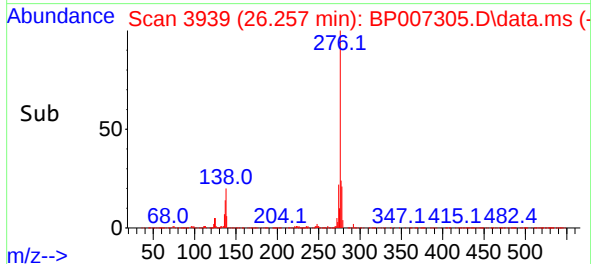
Instrument :
BNA_P
ClientSampled :
369



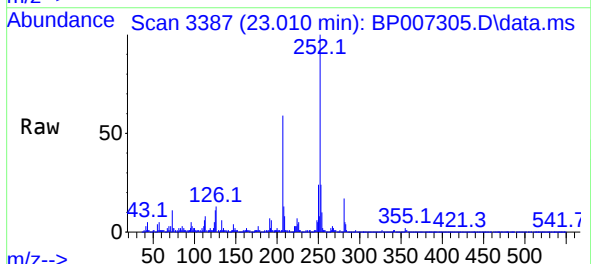
Tgt Ion: 276 Resp: 309844
Ion Ratio Lower Upper
276 100
138 20.7 15.3 22.9
277 25.4 20.4 30.6

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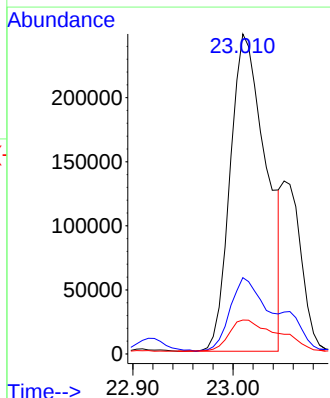
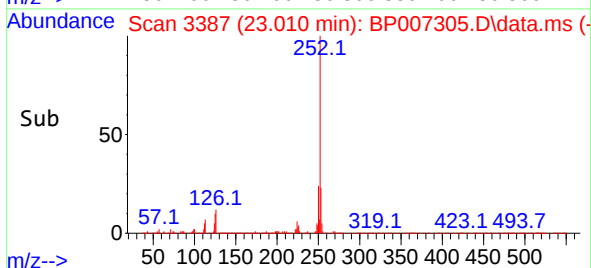
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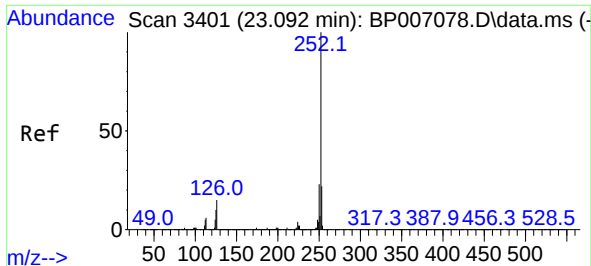


#88
Benzo(b)fluoranthene
Concen: 11.07 ng
RT: 23.010 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13



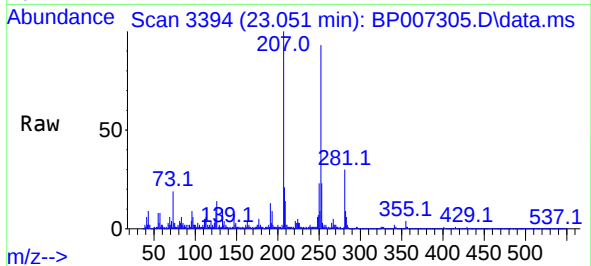
Tgt Ion: 252 Resp: 619231
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 10.6 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 3.21 ng m
RT: 23.051 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

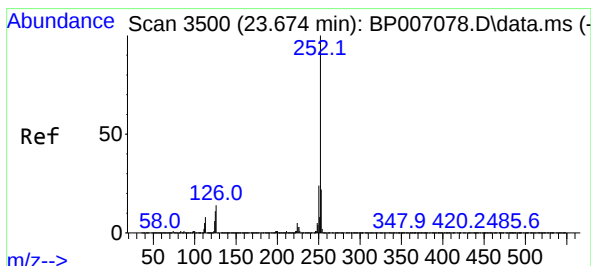
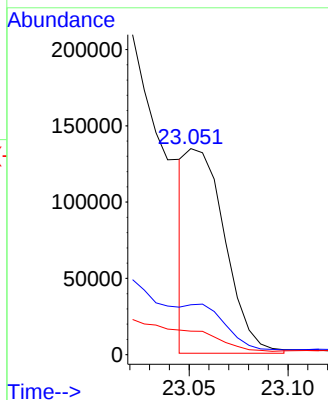
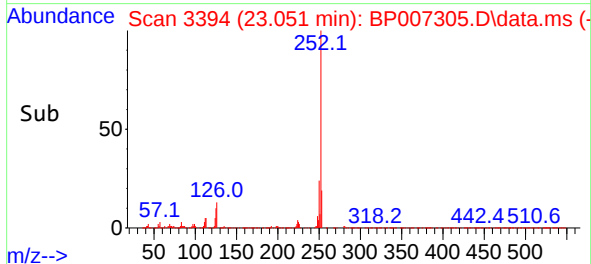
Instrument :
BNA_P
ClientSampled :
369



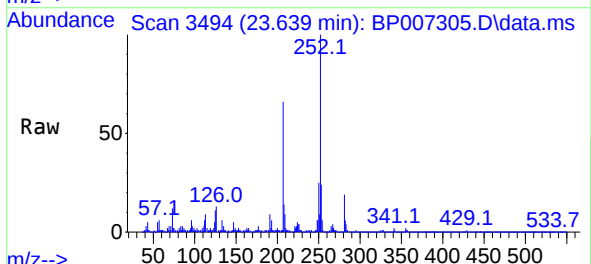
Tgt Ion:252 Resp: 182003
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 11.4 6.0 9.0#

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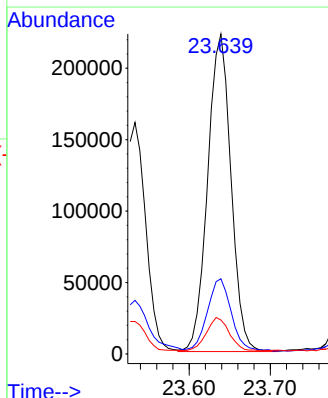
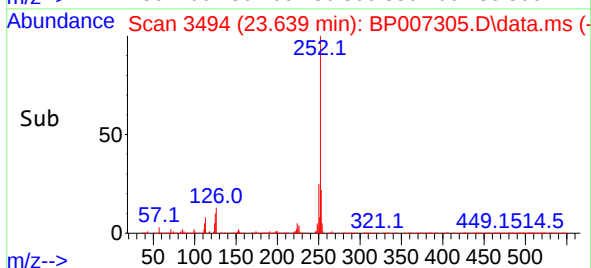
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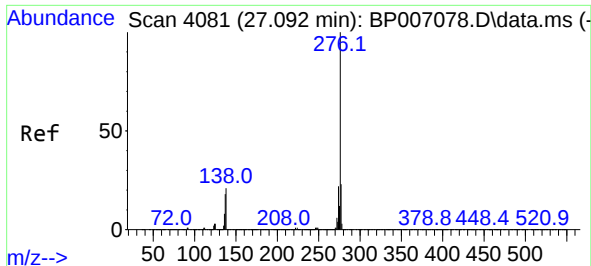


#90
Benzo(a)pyrene
Concen: 9.34 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13



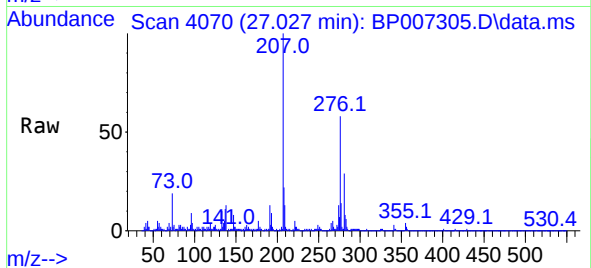
Tgt Ion:252 Resp: 444191
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 10.6 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 5.59 ng
RT: 27.027 min Scan# 4070
Delta R.T. -0.017 min
Lab File: BP007305.D
Acq: 04 Oct 2021 15:13

Instrument :
BNA_P
ClientSampleId :
369



Tgt Ion: 276 Resp: 307653
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 21.6 12.6 18.8#

Manual Integrations
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