

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
 Data File : BP007396.D
 Acq On : 09 Oct 2021 03:48
 Operator : CG/JU
 Sample : M4077-15DL 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EJ-2DL

Manual Integrations
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Quant Time: Oct 09 06:21:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:35:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	88886	20.00	ng	0.00
21) Naphthalene-d8	10.575	136	366735	20.00	ng	0.00
39) Acenaphthene-d10	14.422	164	263356	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	596426	20.00	ng	-0.01
76) Chrysene-d12	21.269	240	548563	20.00	ng	-0.01
86) Perylene-d12	23.622	264	571116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	24831	4.60	ng	0.00
7) Phenol-d6	6.975	99	12964	1.79	ng	0.01
23) Nitrobenzene-d5	8.946	82	7631	1.23	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	9391	2.17	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	53182	2.82	ng	0.00
79) Terphenyl-d14	19.739	244	51290	1.65	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.216	178	320979	10.19	ng	100
73) Carbazole	17.587	167	123700	3.81	ng	97
75) Fluoranthene	19.198	202	1947791	47.95	ng	99
78) Pyrene	19.551	202	1817781	48.12	ng	99
81) Benzo(a)anthracene	21.257	228	874851	24.69	ng	99
83) Chrysene	21.304	228	843600	25.29	ng	97
87) Indeno(1,2,3-cd)pyrene	26.074	276	457896	11.71	ng	# 94
88) Benzo(b)fluoranthene	22.904	252	924155	26.33	ng	98
89) Benzo(k)fluoranthene	22.945	252	352901m	8.45	ng	
90) Benzo(a)pyrene	23.516	252	668165	23.14	ng	98
91) Dibenzo(a,h)anthracene	26.086	278	113188	3.46	ng	# 88
92) Benzo(g,h,i)perylene	26.827	276	423710	13.84	ng	97

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

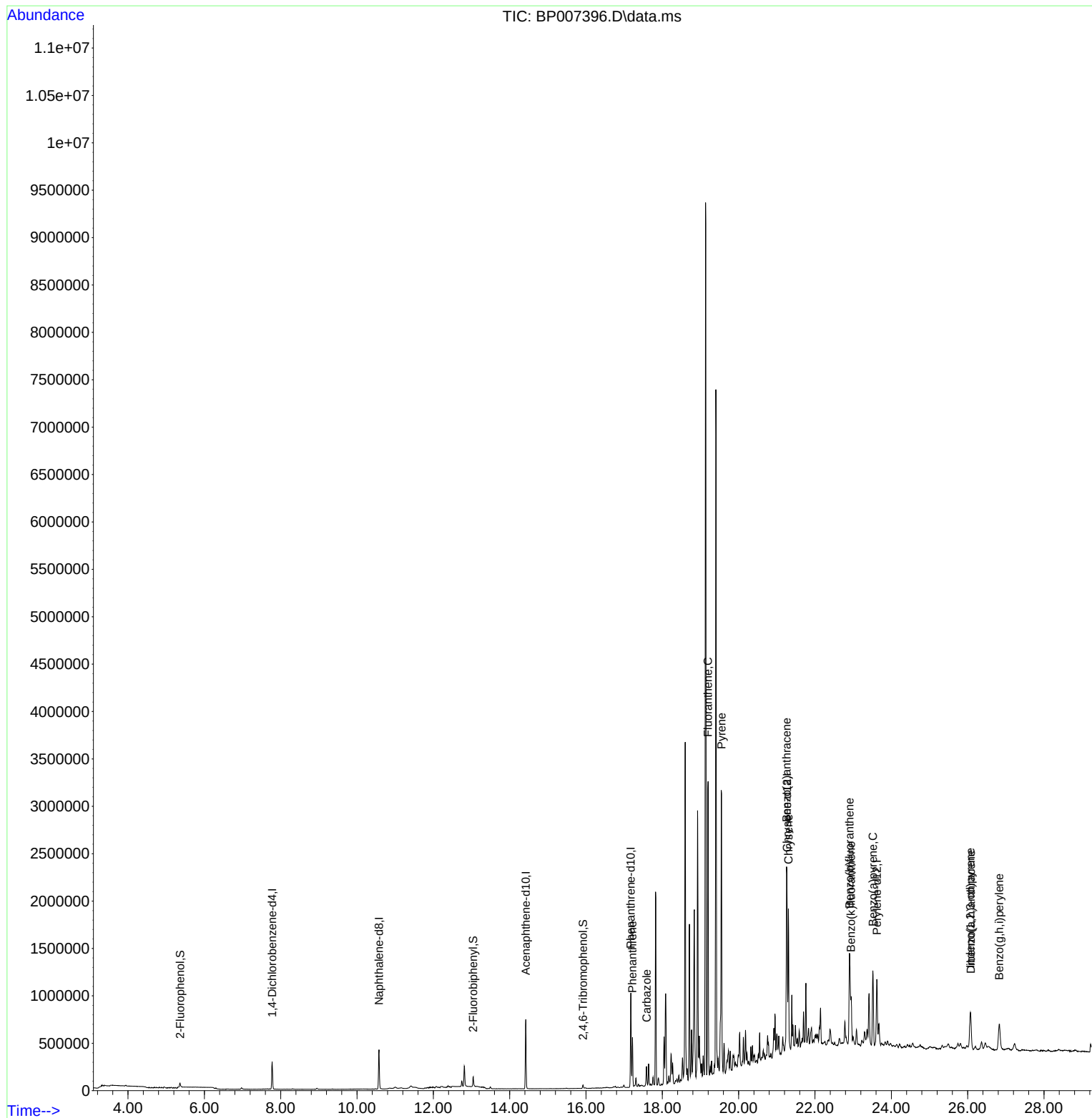
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Data File : BP007396.D
Acq On : 09 Oct 2021 03:48
Operator : CG/JU
Sample : M4077-15DL 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

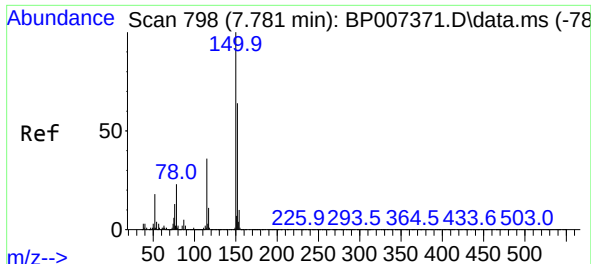
Instrument :
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EJ-2DL

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Quant Time: Oct 09 06:21:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





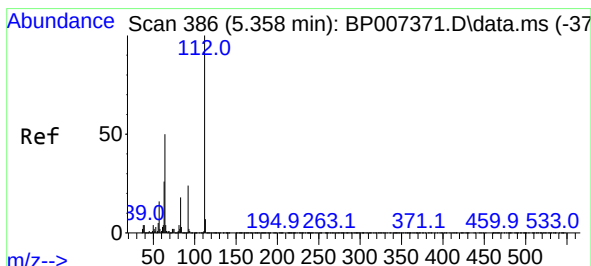
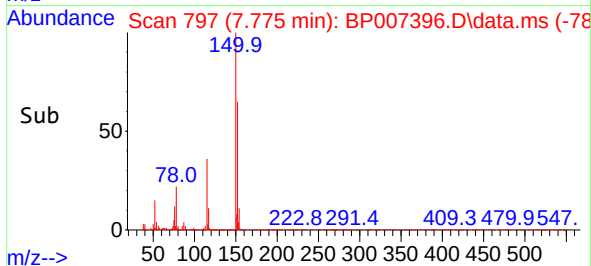
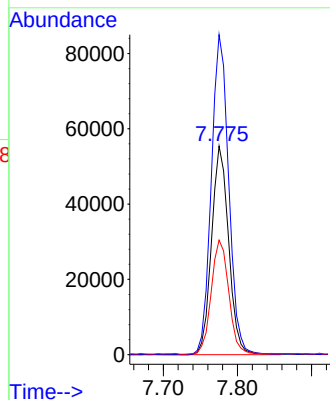
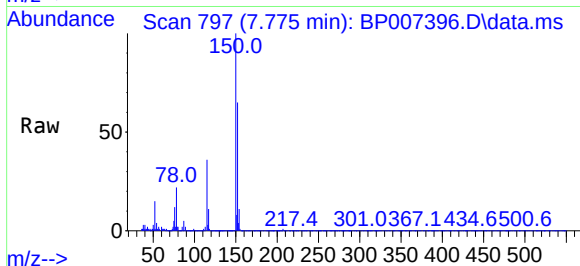
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:152 Resp: 88886
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 54.9 48.5 72.7

Instrument :
BNA_P
ClientSampled :
EJ-2DL

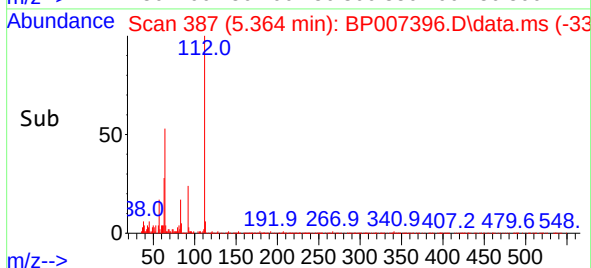
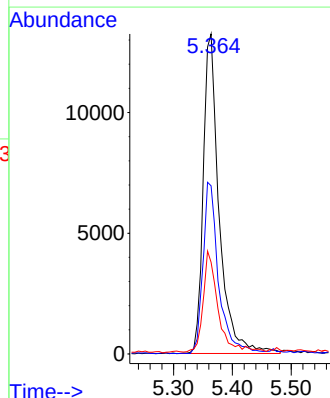
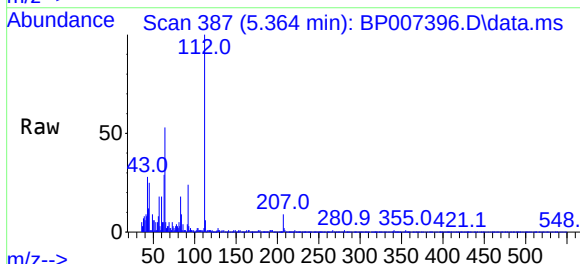
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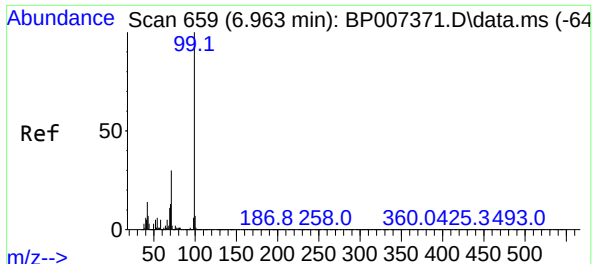
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#5
2-Fluorophenol
Concen: 4.60 ng
RT: 5.364 min Scan# 387
Delta R.T. 0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:112 Resp: 24831
Ion Ratio Lower Upper
112 100
64 52.5 41.4 62.2
63 28.7 23.8 35.8





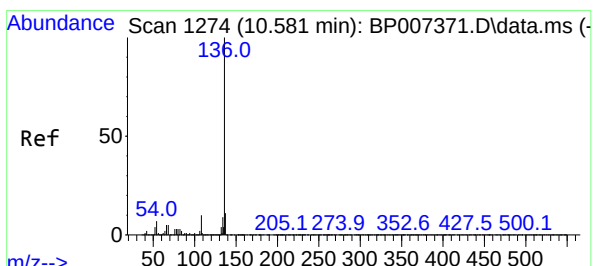
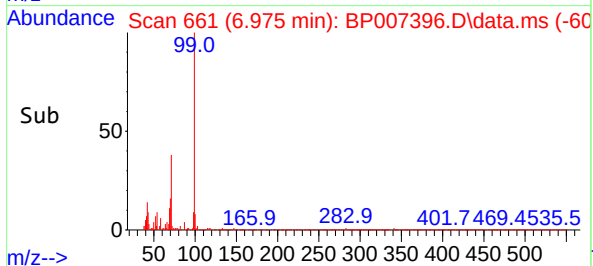
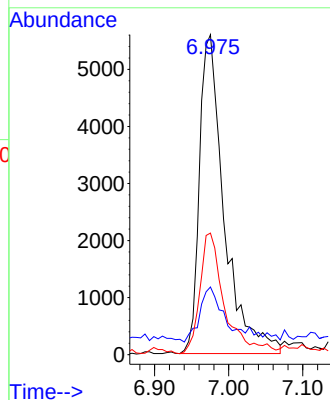
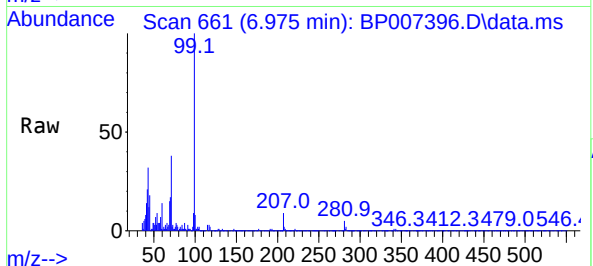
#7
Phenol-d6
Concen: 1.79 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.012 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion: 99	Resp: 12964
Ion Ratio	Lower Upper
99 100	
42 21.1	13.4 20.0#
71 38.0	30.6 46.0

Instrument :
BNA_P
ClientSampleId :
EJ-2DL

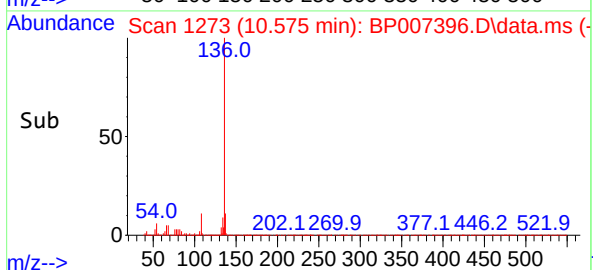
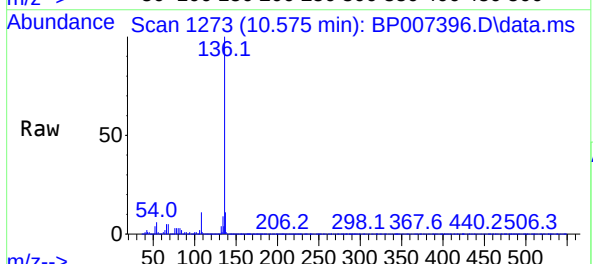
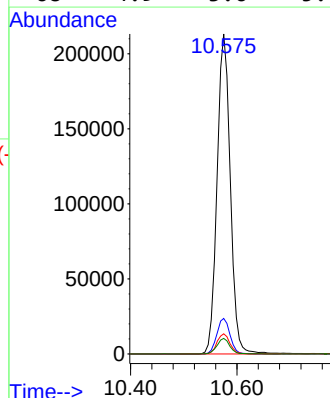
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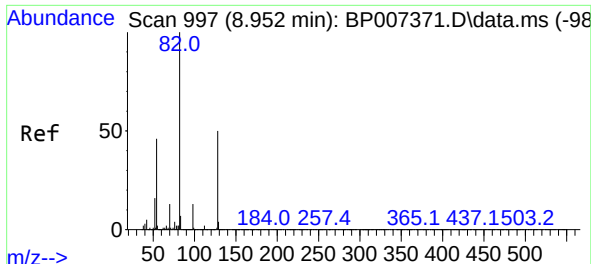
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

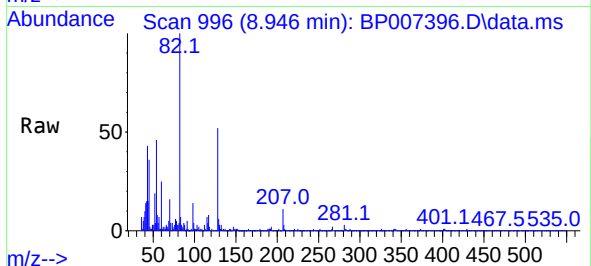
Tgt	Ion:136	Resp:	366735
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.3	4.6	6.8
68	4.9	3.6	5.4





#23
Nitrobenzene-d5
Concen: 1.23 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

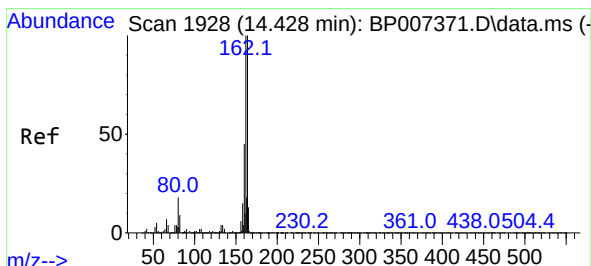
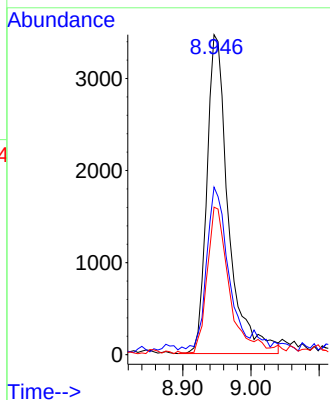
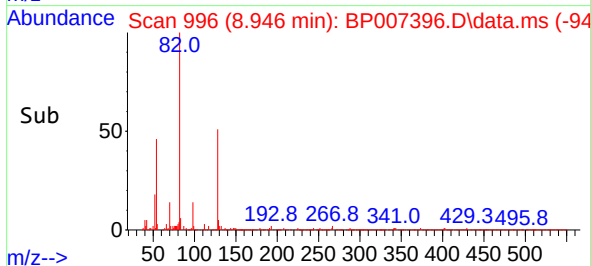
Instrument :
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ClientSampled :
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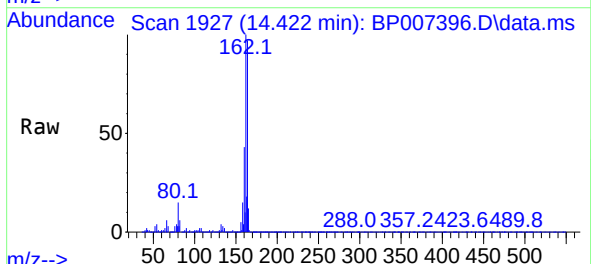
Tgt Ion: 82 Resp: 7631
Ion Ratio Lower Upper
82 100
128 52.4 35.7 53.5
54 46.1 35.0 52.4

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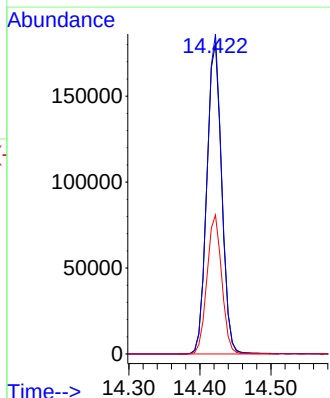
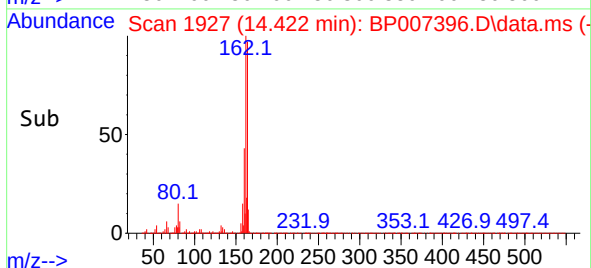
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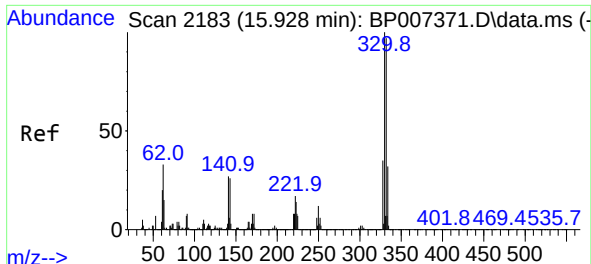


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48



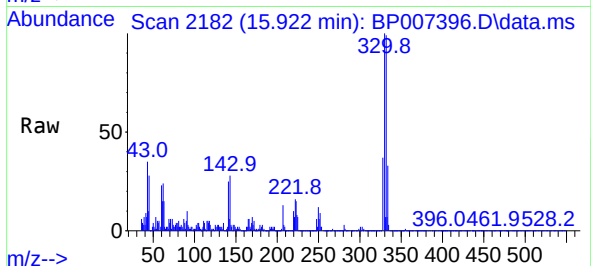
Tgt Ion: 164 Resp: 263356
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 44.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 2.17 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

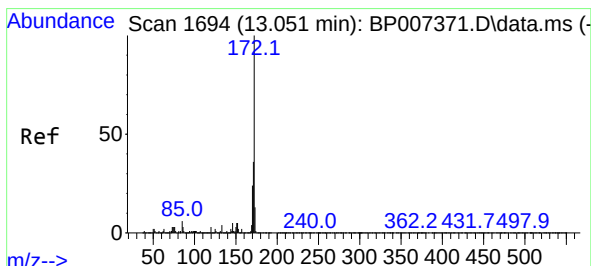
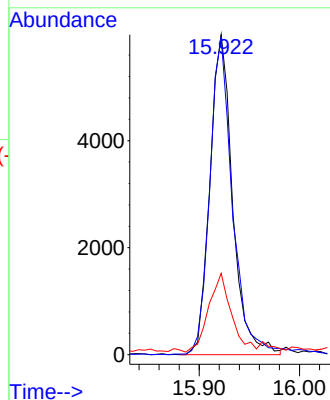
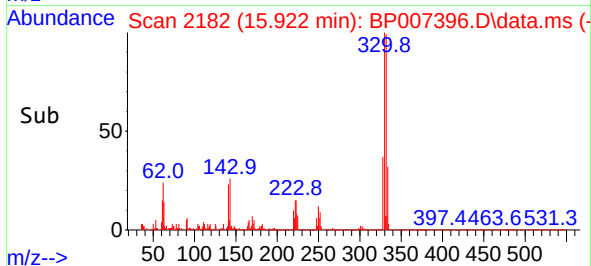
Instrument :
BNA_P
ClientSampled :
EJ-2DL



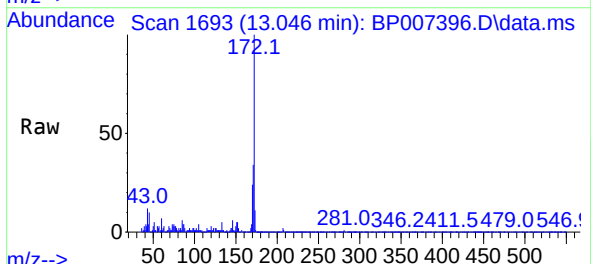
Tgt Ion:330 Resp: 9391
Ion Ratio Lower Upper
330 100
332 100.9 77.8 116.8
141 24.7 25.4 38.2#

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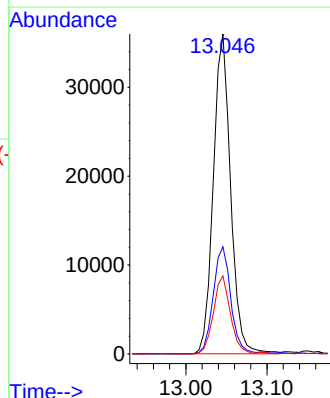
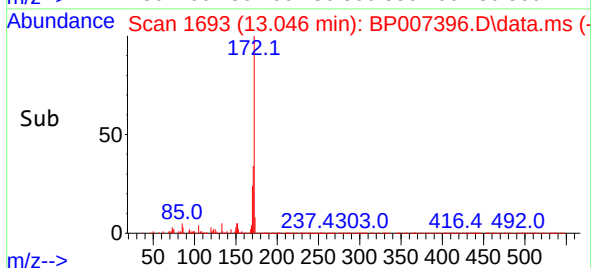
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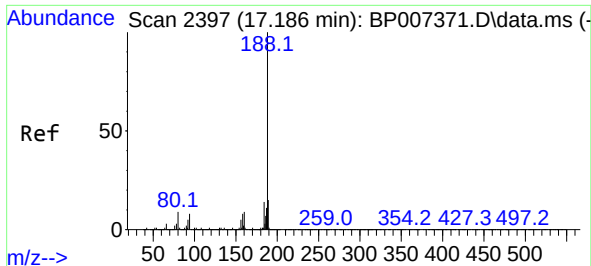


#45
2-Fluorobiphenyl
Concen: 2.82 ng
RT: 13.046 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48



Tgt Ion:172 Resp: 53182
Ion Ratio Lower Upper
172 100
171 33.5 27.9 41.9
170 24.4 18.6 27.8





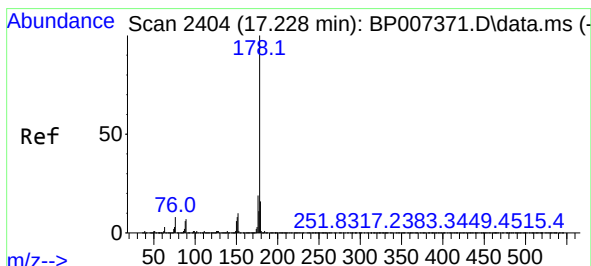
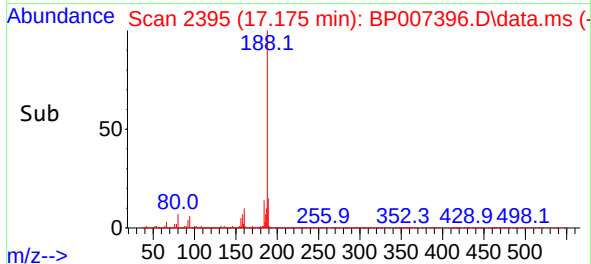
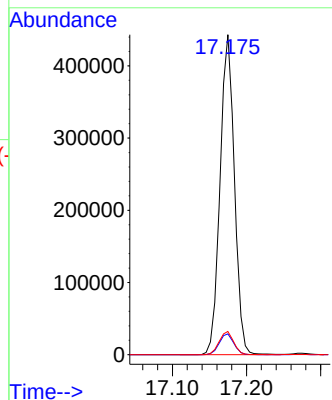
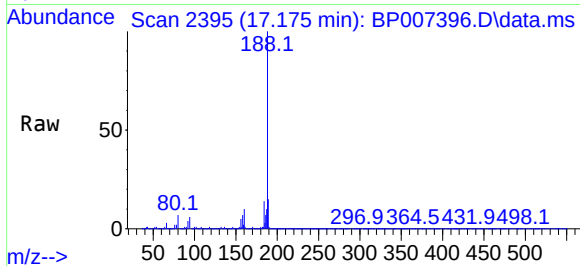
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:188 Resp: 596426
Ion Ratio Lower Upper
188 100
94 6.5 5.6 8.4
80 7.3 6.3 9.5

Instrument :
BNA_P
ClientSampled :
EJ-2DL

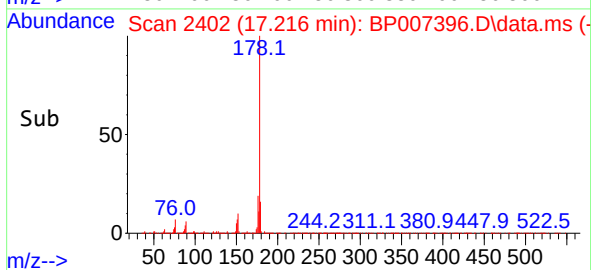
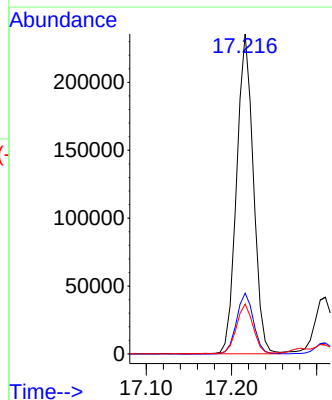
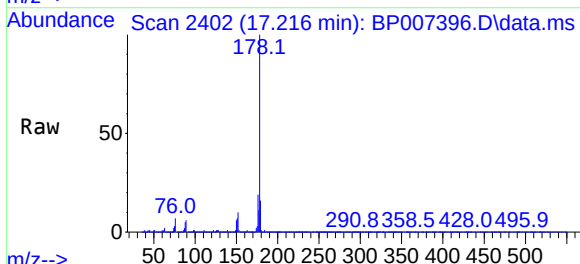
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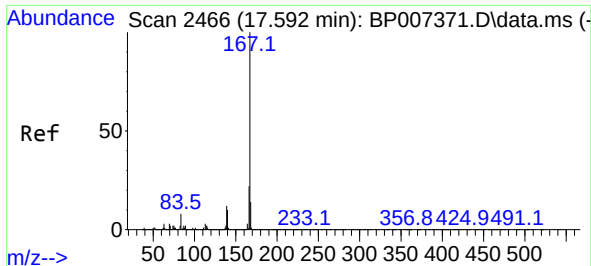
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#71
Phenanthrene
Concen: 10.19 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

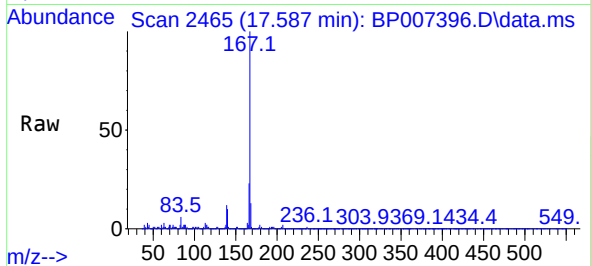
Tgt Ion:178 Resp: 320979
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 3.81 ng
 RT: 17.587 min Scan# 2465
 Delta R.T. -0.005 min
 Lab File: BP007396.D
 Acq: 09 Oct 2021 03:48

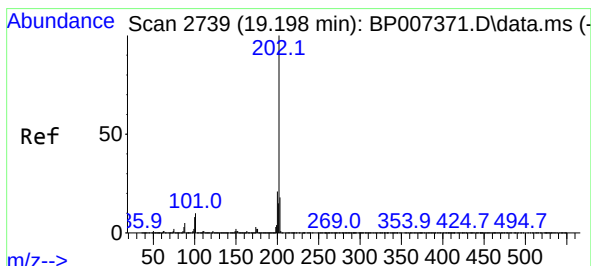
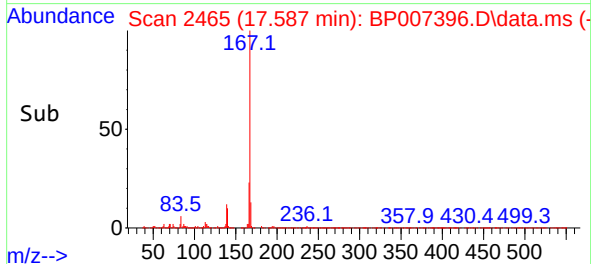
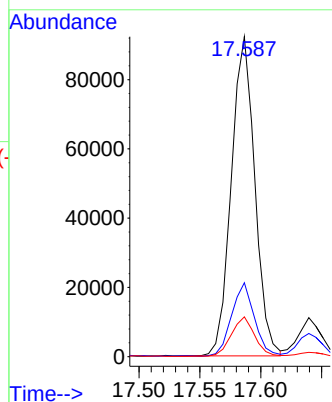
Instrument :
 BNA_P
 ClientSampled :
 EJ-2DL



Tgt Ion:167 Resp: 123700
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.1 25.7
 139 12.4 10.7 16.1

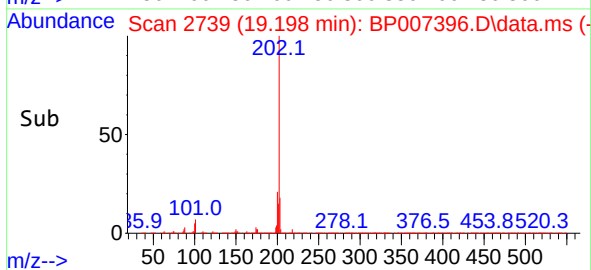
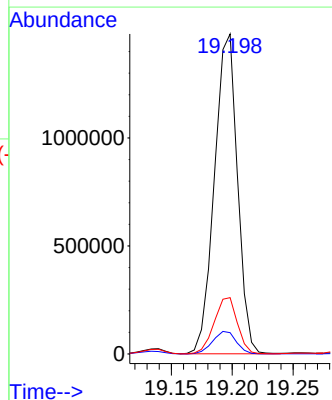
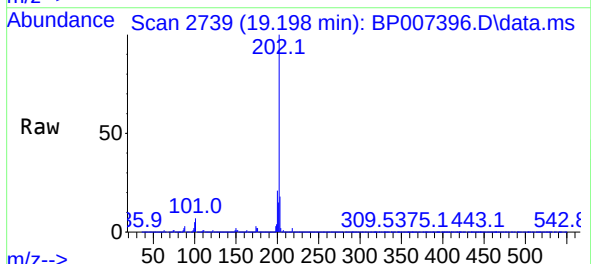
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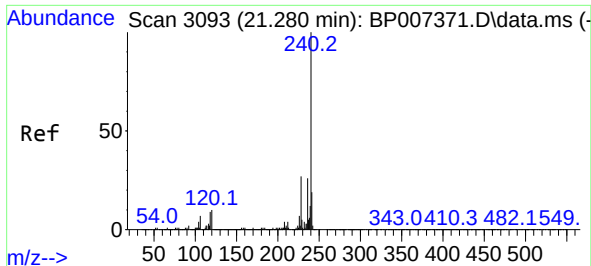
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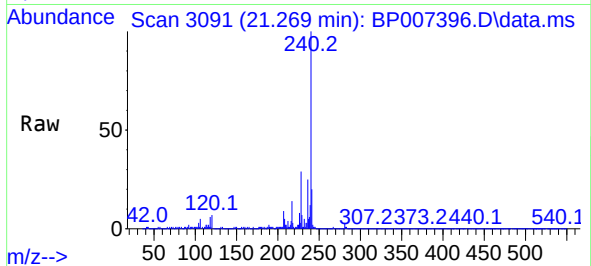
#75
 Fluoranthene
 Concen: 47.95 ng
 RT: 19.198 min Scan# 2739
 Delta R.T. 0.000 min
 Lab File: BP007396.D
 Acq: 09 Oct 2021 03:48

Tgt Ion:202 Resp: 1947791
 Ion Ratio Lower Upper
 202 100
 101 6.6 0.0 27.6
 203 17.6 0.0 37.8

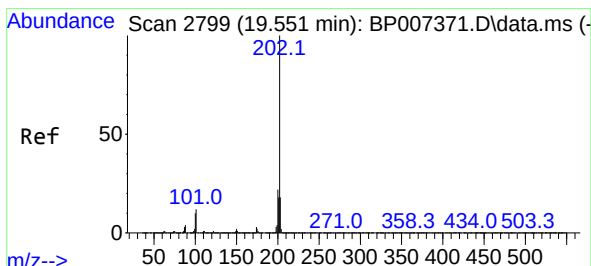
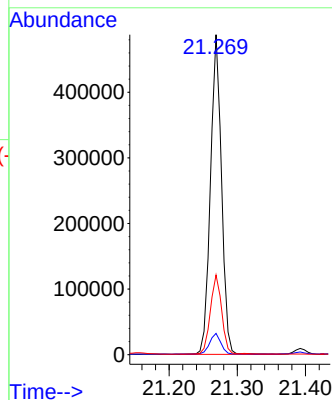
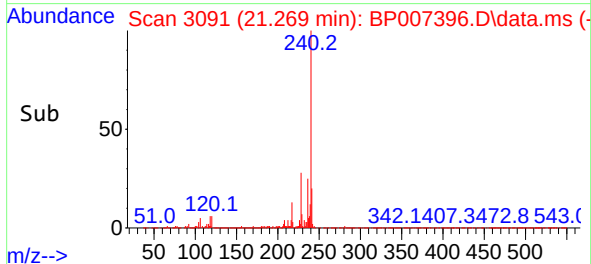




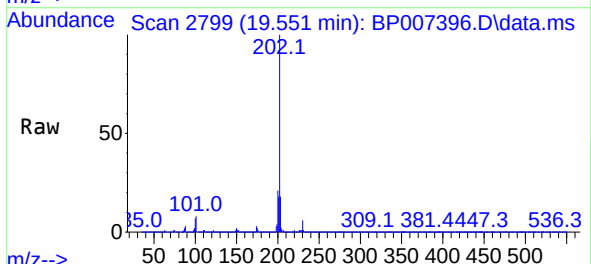
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Chrysene-d12
Concen: 20.00 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.011 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48



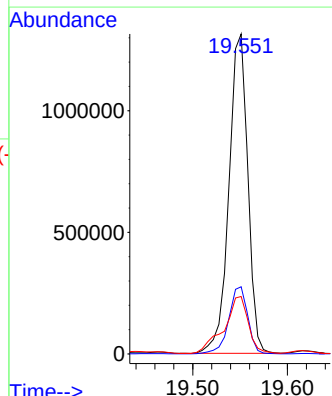
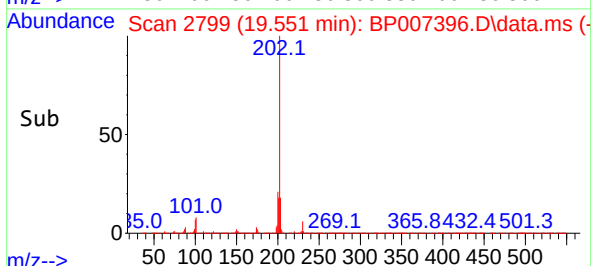
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Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 24.9 20.6 31.0



#78
Pyrene
Concen: 48.12 ng
RT: 19.551 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48



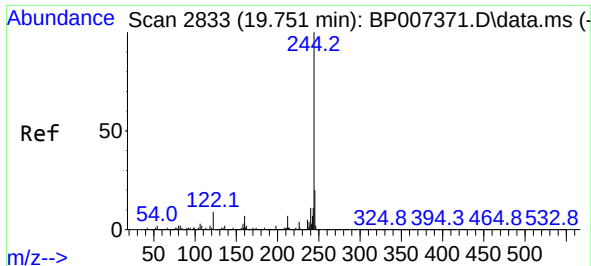
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Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.9 14.2 21.2



Instrument :
BNA_P
ClientSampleId :
EJ-2DL

Manual Integrations
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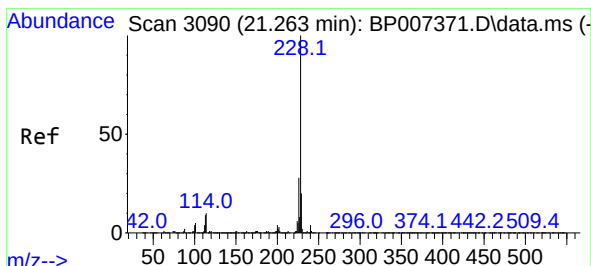
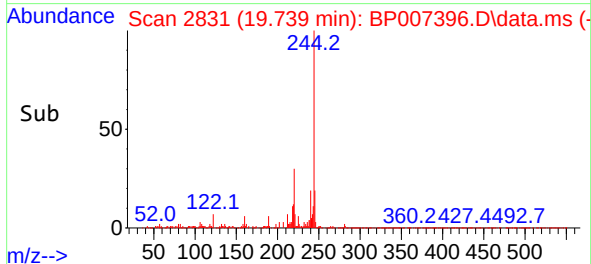
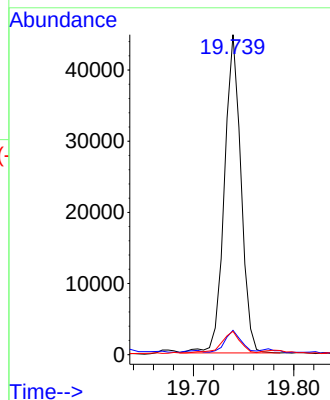
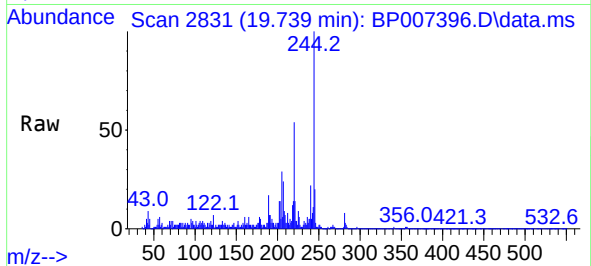
#79
Terphenyl-d14
Concen: 1.65 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:244 Resp: 51290
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.3 7.1 10.7

Instrument :
BNA_P
ClientSampled :
EJ-2DL

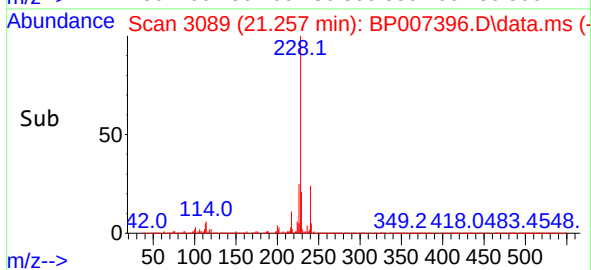
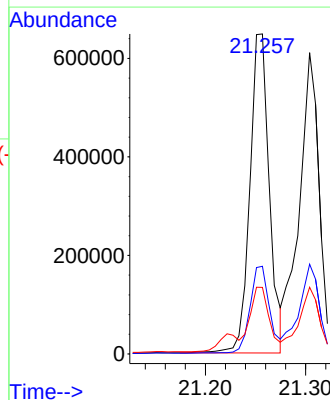
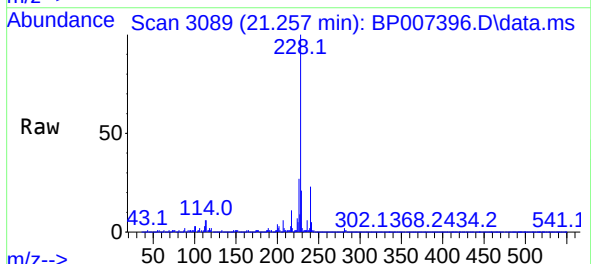
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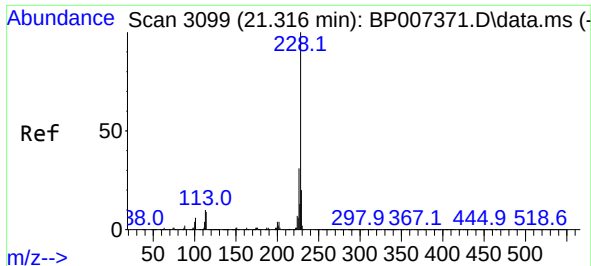
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#81
Benzo(a)anthracene
Concen: 24.69 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:228 Resp: 874851
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.8 15.8 23.6





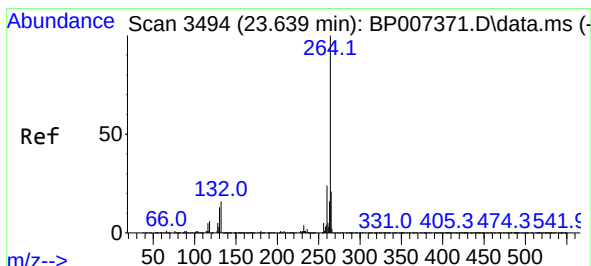
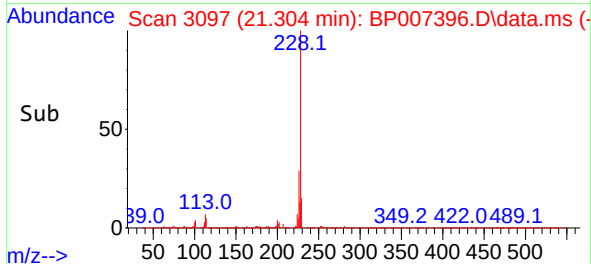
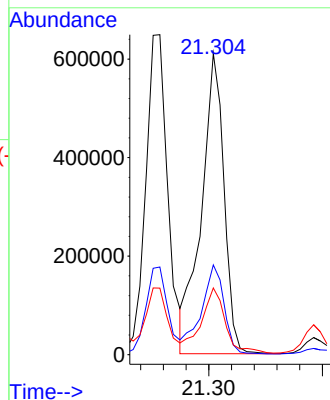
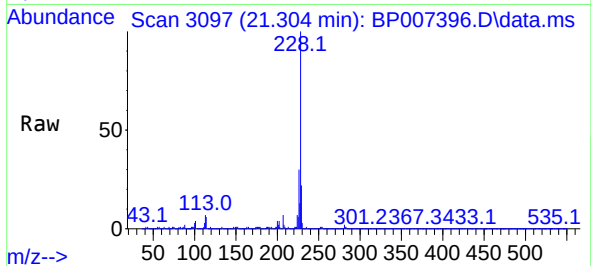
#83
Chrysene
Concen: 25.29 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:228 Resp: 843600
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 22.1 15.4 23.2

Instrument :
BNA_P
ClientSampled :
EJ-2DL

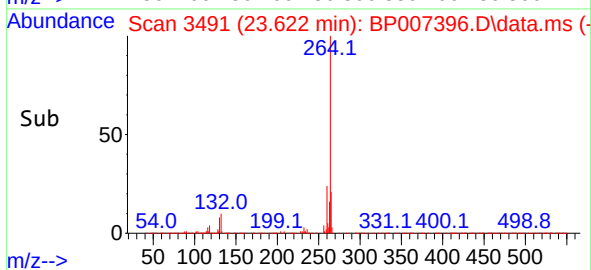
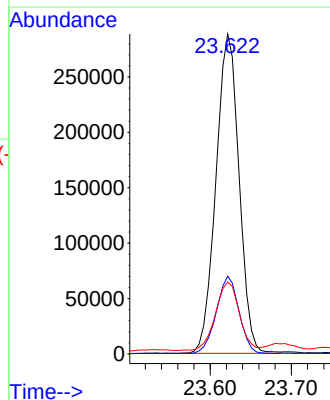
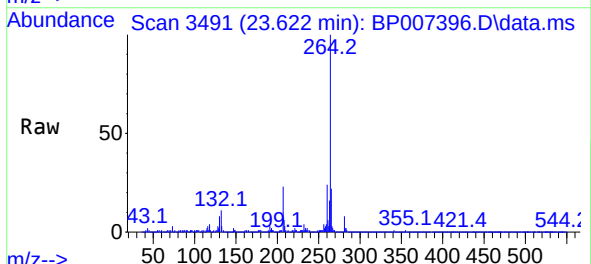
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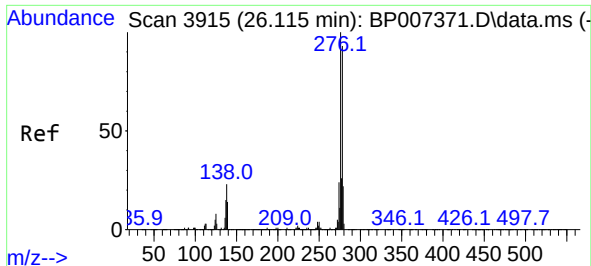
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.622 min Scan# 3491
Delta R.T. -0.017 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

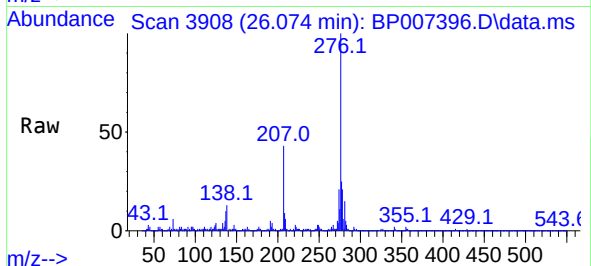
Tgt Ion:264 Resp: 571116
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.4 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 11.71 ng
RT: 26.074 min Scan# 3908
Delta R.T. -0.041 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

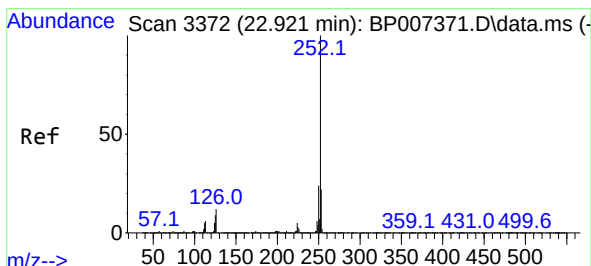
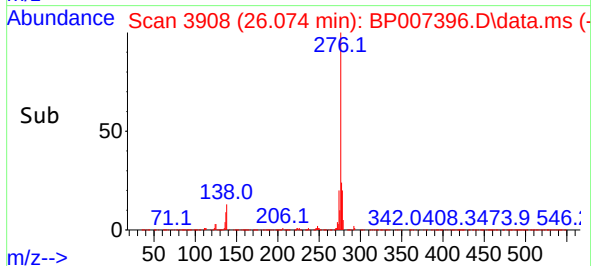
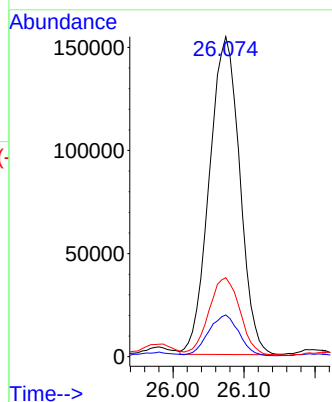
Instrument :
BNA_P
ClientSampled :
EJ-2DL



Tgt Ion:276 Resp: 457896
Ion Ratio Lower Upper
276 100
138 12.8 15.3 22.9#
277 25.2 20.4 30.6

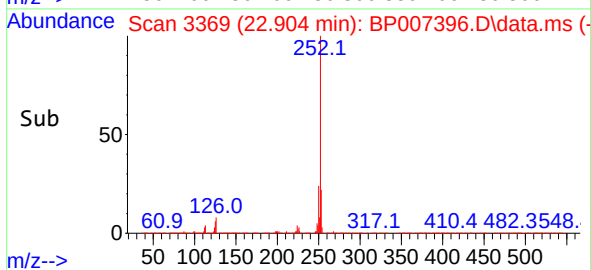
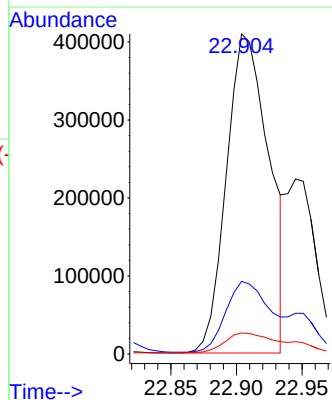
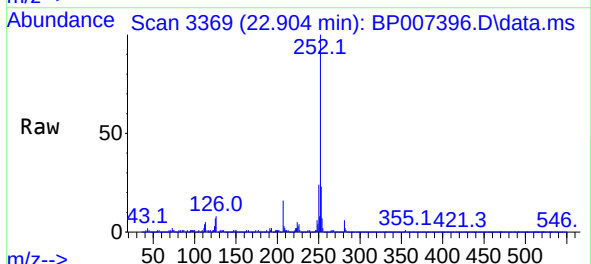
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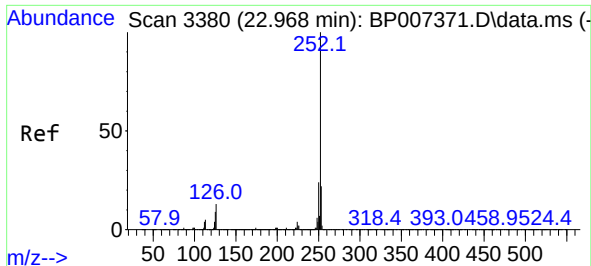
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#88
Benzo(b)fluoranthene
Concen: 26.33 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.017 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

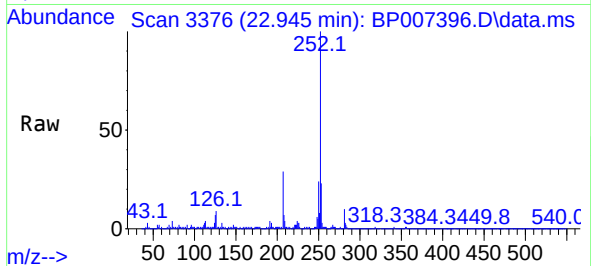
Tgt Ion:252 Resp: 924155
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 6.6 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 8.45 ng m
RT: 22.945 min Scan# 3376
Delta R.T. -0.023 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

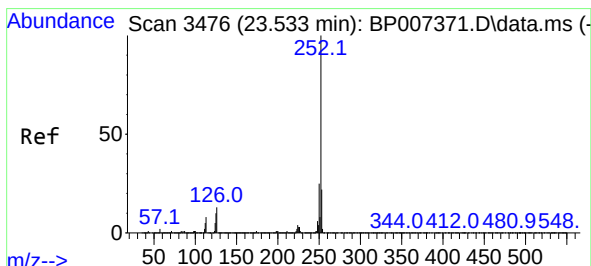
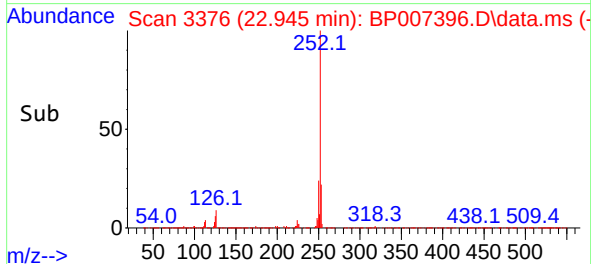
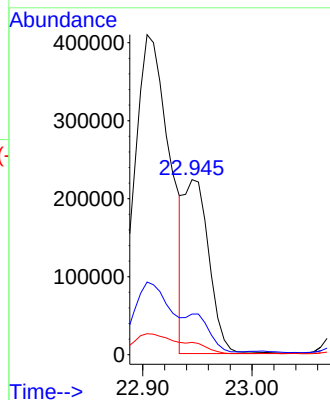
Instrument :
BNA_P
ClientSampled :
EJ-2DL



Tgt Ion:252 Resp: 352901
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 7.0 6.0 9.0

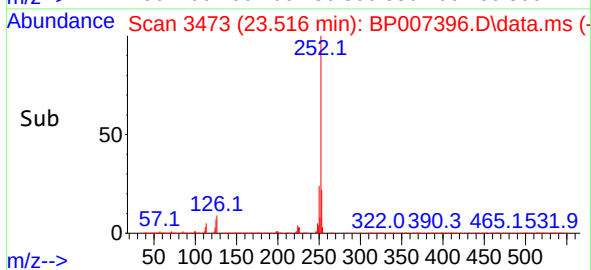
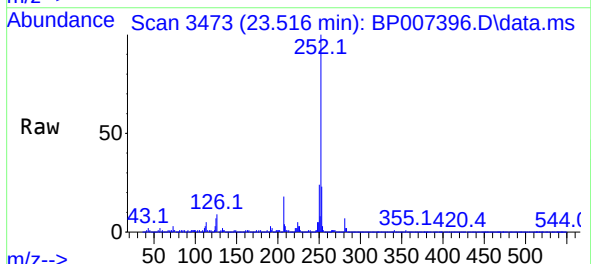
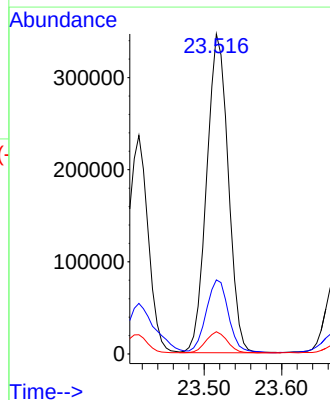
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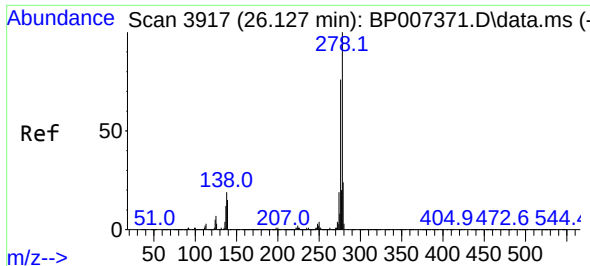
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#90
Benzo(a)pyrene
Concen: 23.14 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.017 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:252 Resp: 668165
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 7.0 6.5 9.7





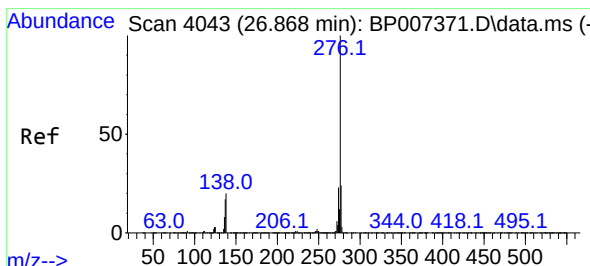
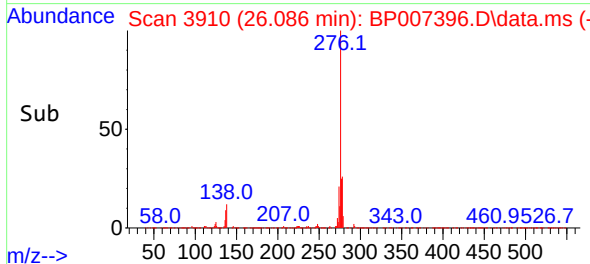
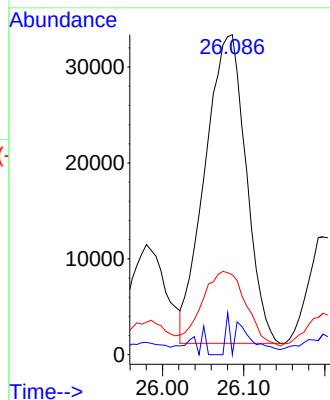
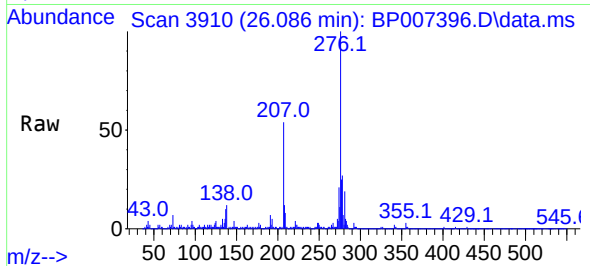
#91
Dibenzo(a,h)anthracene
Concen: 3.46 ng
RT: 26.086 min Scan# 3910
Delta R.T. -0.041 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:278 Resp: 113188
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 25.0 18.8 28.2

Instrument :
BNA_P
ClientSampled :
EJ-2DL

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 13.84 ng
RT: 26.827 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BP007396.D
Acq: 09 Oct 2021 03:48

Tgt Ion:276 Resp: 423710
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 12.6 12.6 18.8

