

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007365.D
 Acq On : 06 Oct 2021 21:25
 Operator : CG/JU
 Sample : M4077-15 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EJ-2

Manual Integrations
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mohammad
 10/8/2021 8:34:29 AM

Quant Time: Oct 07 01:48:26 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	7.858	152	176908	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	675808	20.00	ng	# 0.00
39) Acenaphthene-d10	14.493	164	428347	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	900135	20.00	ng	0.00
76) Chrysene-d12	21.351	240	876547	20.00	ng	# 0.01
86) Perylene-d12	23.757	264	938367	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	105617	9.99	ng	0.00
7) Phenol-d6	7.046	99	121359	8.40	ng	0.00
23) Nitrobenzene-d5	9.028	82	73381	6.32	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	45085	8.12	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	190431	6.37	ng	-0.01
79) Terphenyl-d14	19.810	244	312719	6.84	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.292	178	2238602	46.38	ng	99
72) Anthracene	17.381	178	446539	9.46	ng	98
73) Carbazole	17.657	167	913642	19.75	ng	98
74) Di-n-butylphthalate	18.210	149	158831	3.10	ng	99
75) Fluoranthene	19.281	202	11386955	204.78	ng	97
78) Pyrene	19.639	202	11315403	196.76	ng	93
80) Butylbenzylphthalate	20.486	149	154829	6.72	ng	# 95
81) Benzo(a)anthracene	21.333	228	6328289	111.23	ng	96
83) Chrysene	21.392	228	6028704	110.87	ng	94
84) Bis(2-ethylhexyl)phtha...	21.245	149	126646	3.82	ng	93
87) Indeno(1,2,3-cd)pyrene	26.292	276	3421552	50.74	ng	99
88) Benzo(b)fluoranthene	23.033	252	7528484	134.25	ng	# 97
89) Benzo(k)fluoranthene	23.069	252	2135788m	37.62	ng	
90) Benzo(a)pyrene	23.663	252	5197473	109.09	ng	97
91) Dibenzo(a,h)anthracene	26.292	278	860855	15.23	ng	# 86
92) Benzo(g,h,i)perylene	27.074	276	3172838	57.53	ng	# 95

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

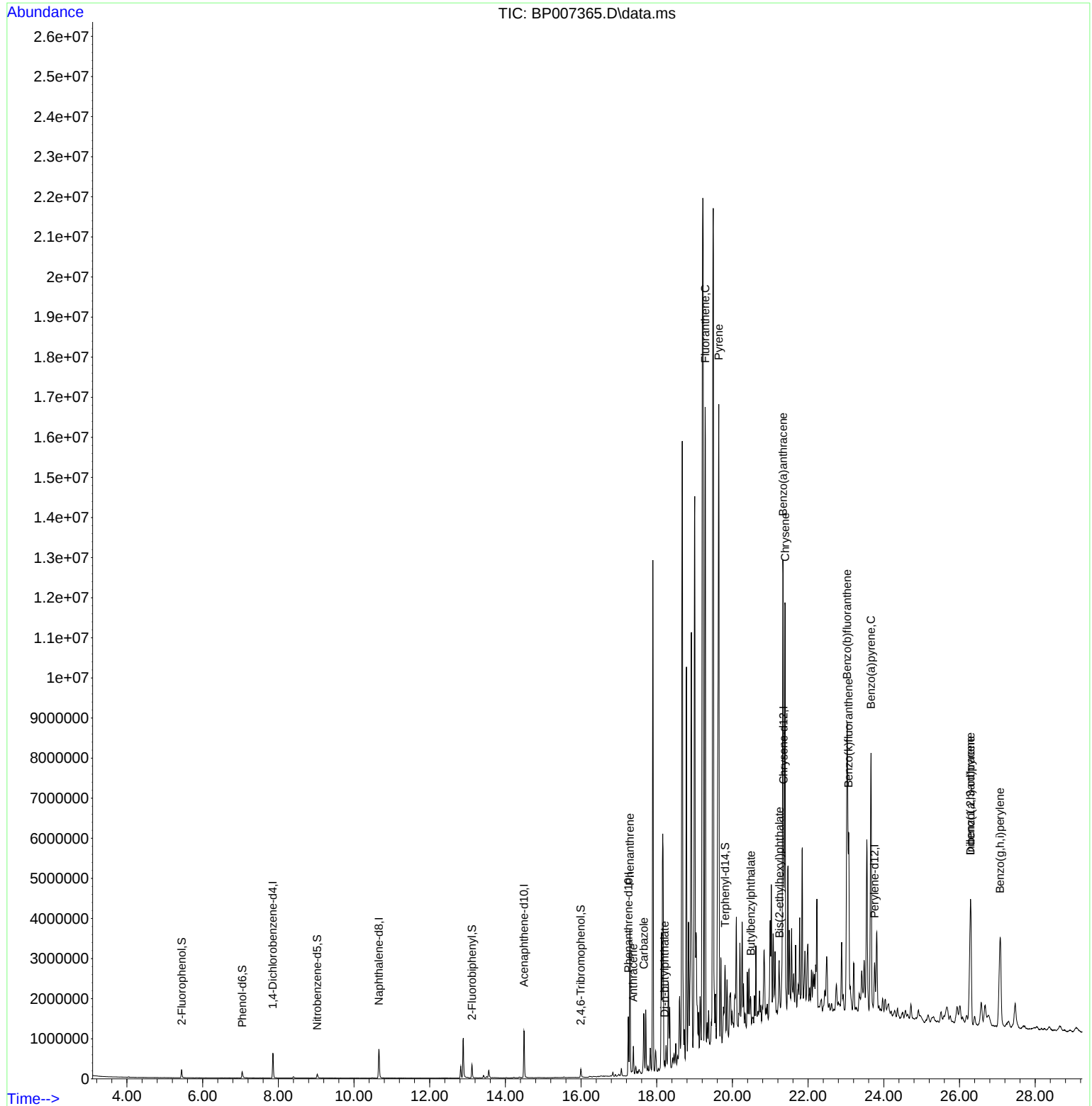
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
Data File : BP007365.D
Acq On : 06 Oct 2021 21:25
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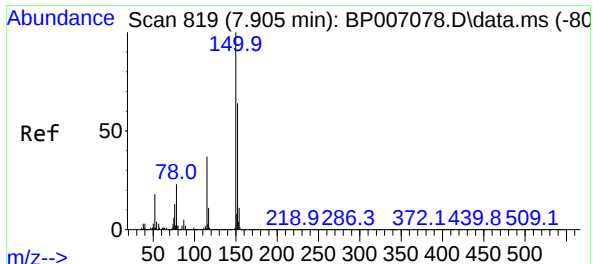
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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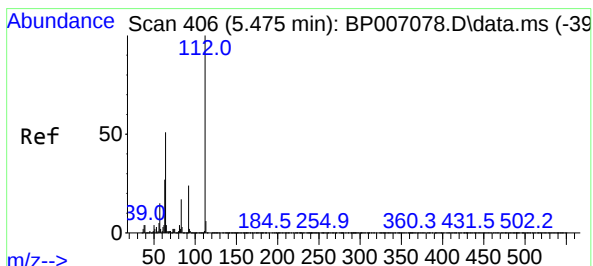
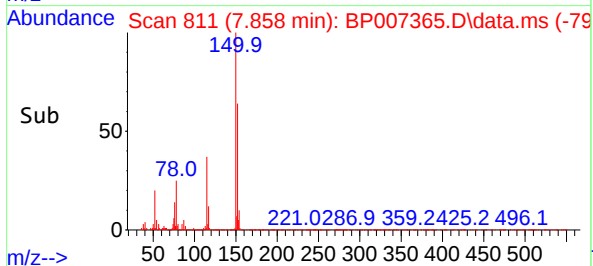
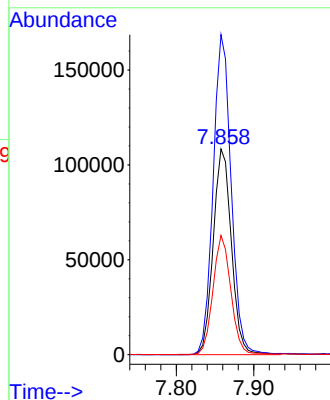
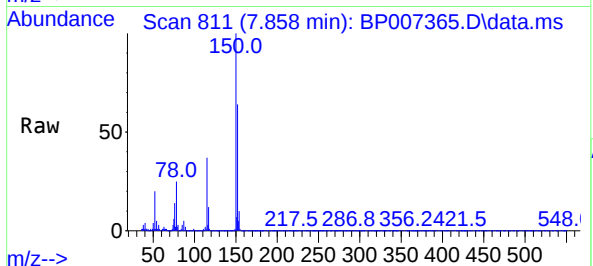
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:152 Resp: 176908
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 57.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
EJ-2

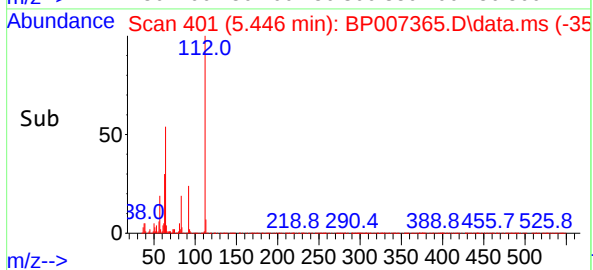
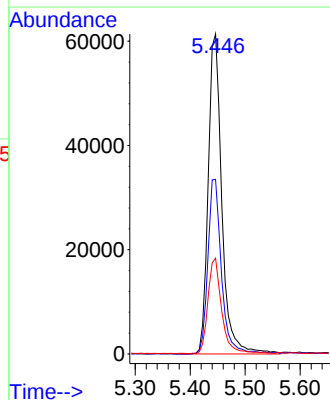
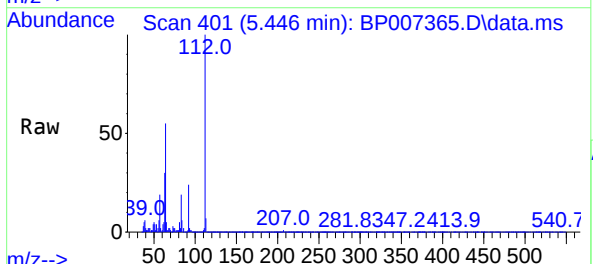
Manual Integrations
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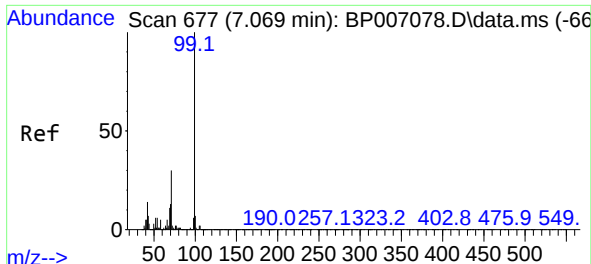
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#5
2-Fluorophenol
Concen: 9.99 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

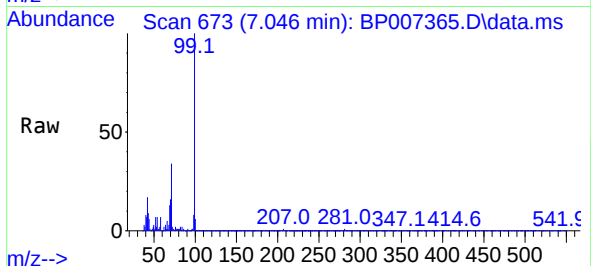
Tgt Ion:112 Resp: 105617
Ion Ratio Lower Upper
112 100
64 54.5 41.4 62.2
63 29.9 23.8 35.8





#7
Phenol-d6
Concen: 8.40 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

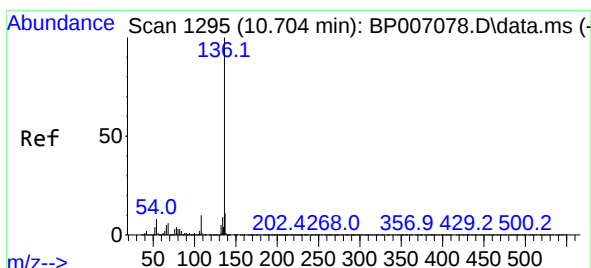
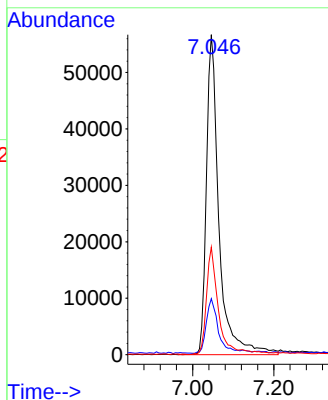
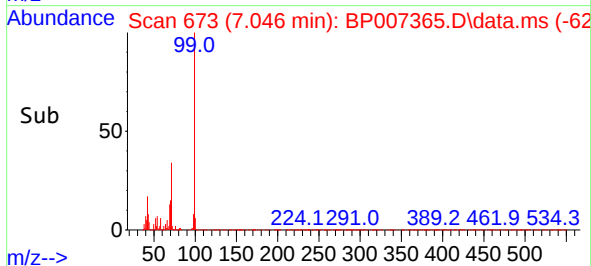
Instrument :
BNA_P
ClientSampleId :
EJ-2



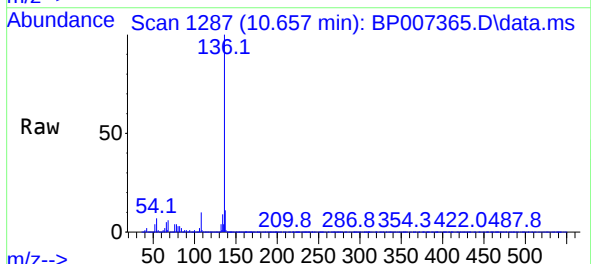
Tgt Ion: 99 Resp: 121359
Ion Ratio Lower Upper
99 100
42 17.5 13.4 20.0
71 33.6 30.6 46.0

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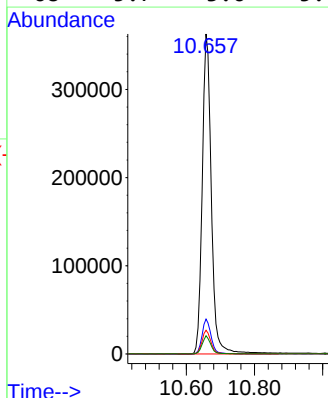
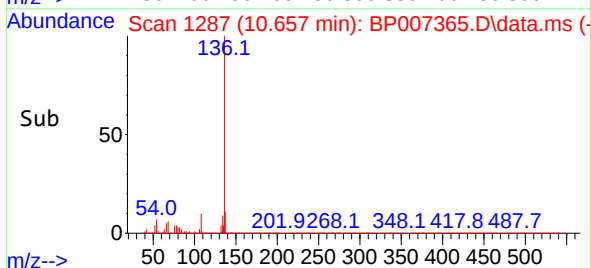
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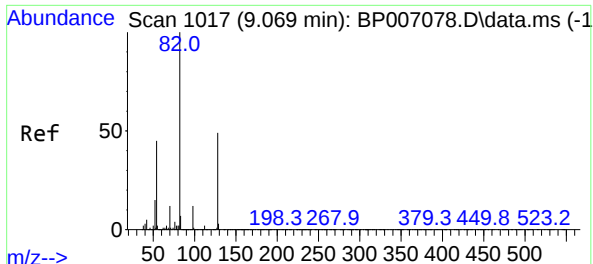


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



Tgt Ion: 136 Resp: 675808
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.4 4.6 6.8#
68 5.7 3.6 5.4#





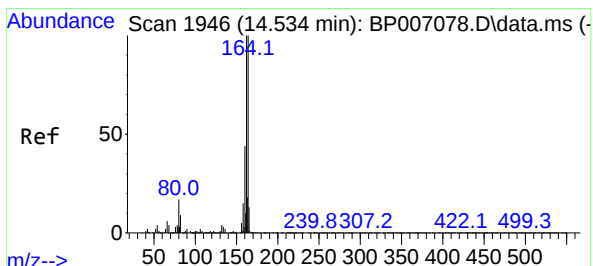
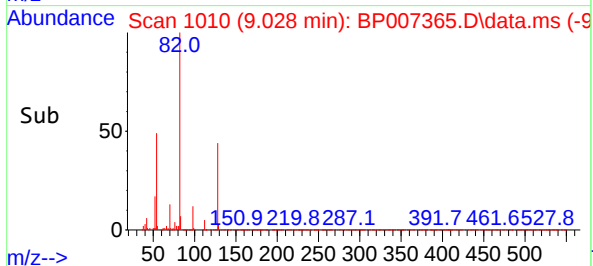
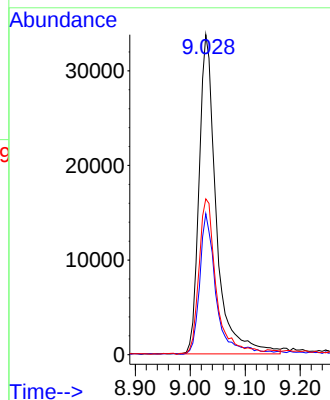
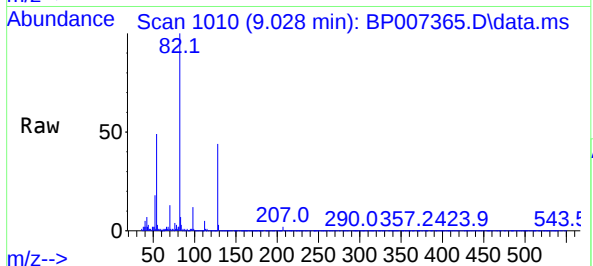
#23
Nitrobenzene-d5
Concen: 6.32 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion: 82	Resp: 73381
Ion Ratio	Lower Upper
82 100	
128 44.1	35.7 53.5
54 48.7	35.0 52.4

Instrument :
BNA_P
ClientSampled :
EJ-2

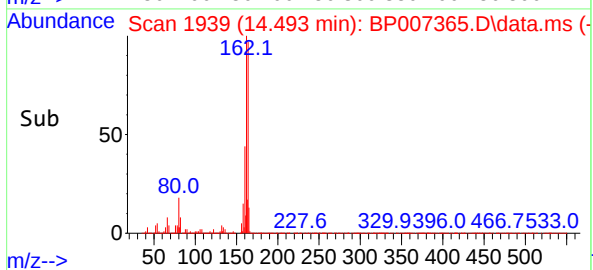
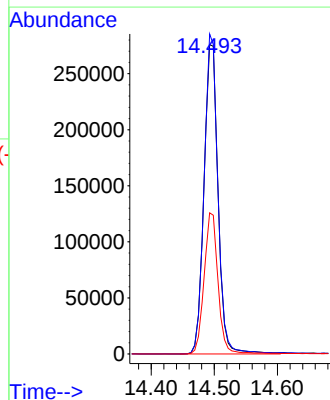
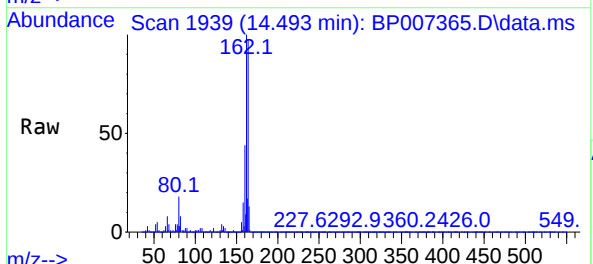
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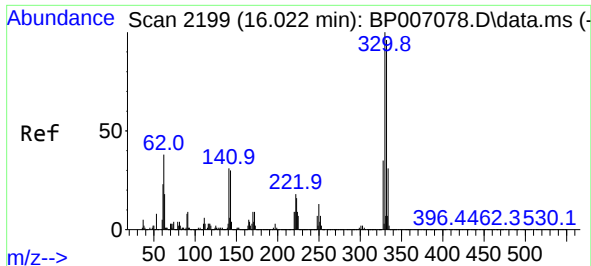
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

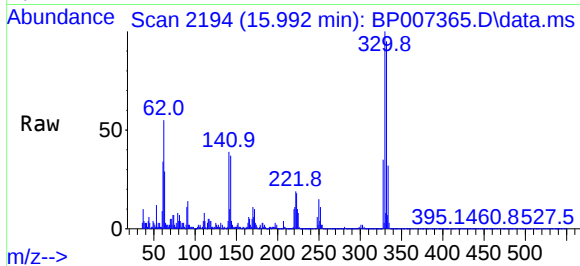
Tgt Ion:164	Resp:	428347	
Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	45.7	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 8.12 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

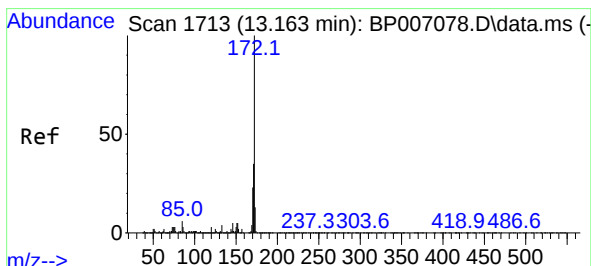
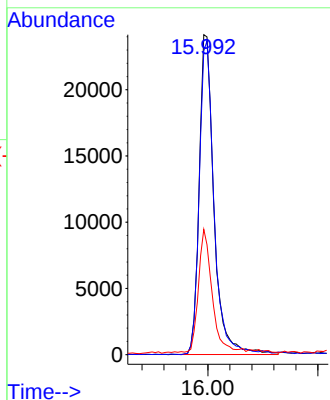
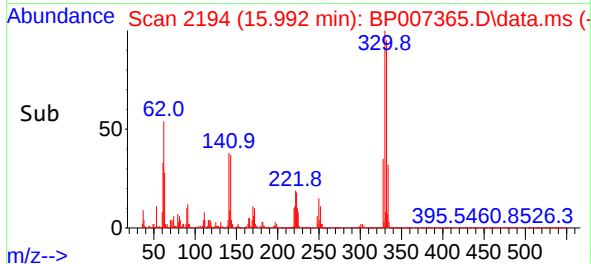
Instrument :
BNA_P
ClientSampled :
EJ-2



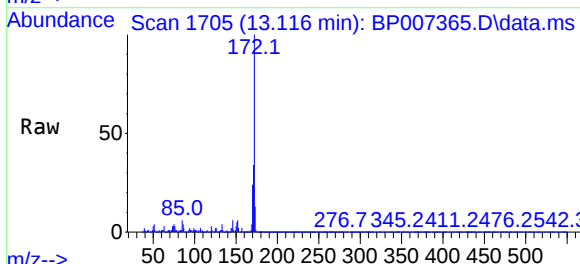
Tgt Ion:330 Resp: 45085
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 36.8 25.4 38.2

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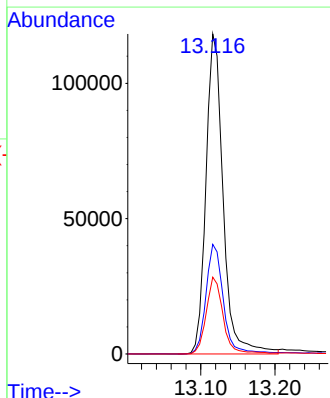
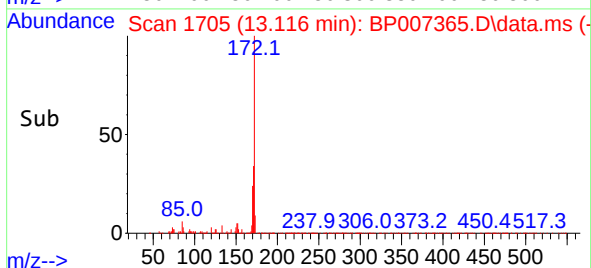
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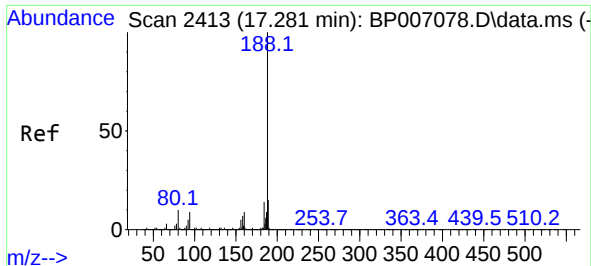


#45
2-Fluorobiphenyl
Concen: 6.37 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



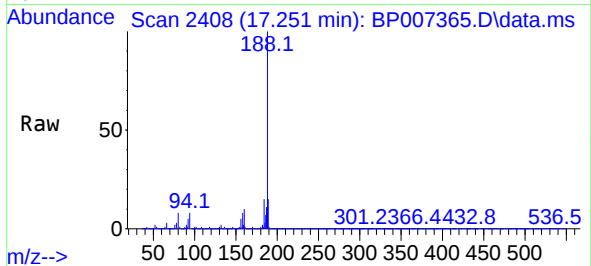
Tgt Ion:172 Resp: 190431
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 24.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

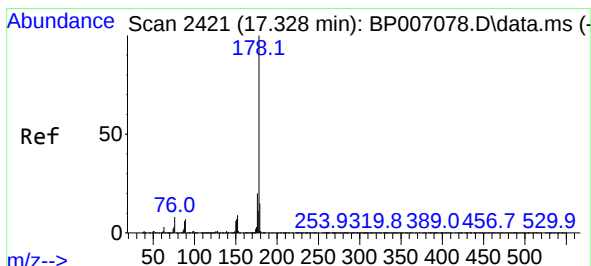
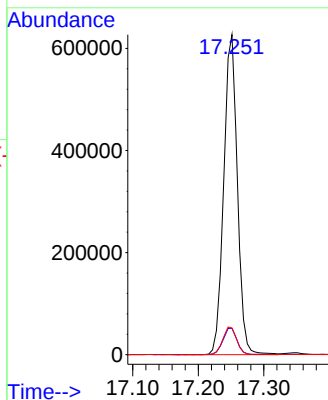
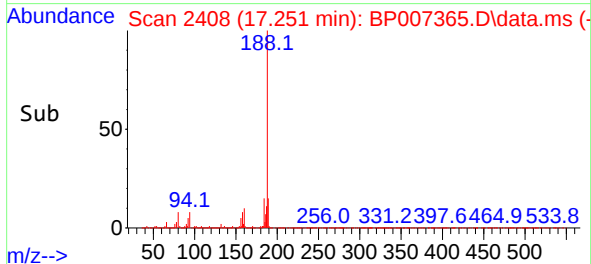
Instrument :
BNA_P
ClientSampled :
EJ-2



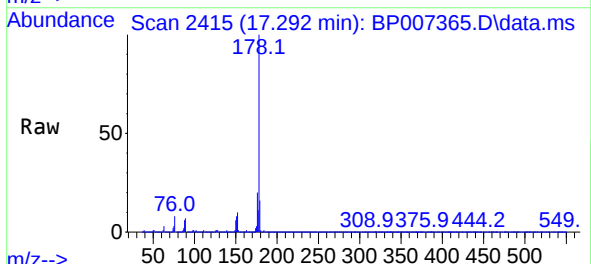
Tgt Ion:188 Resp: 900135
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.3 6.3 9.5

Manual Integrations
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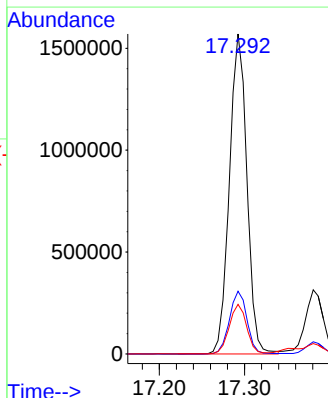
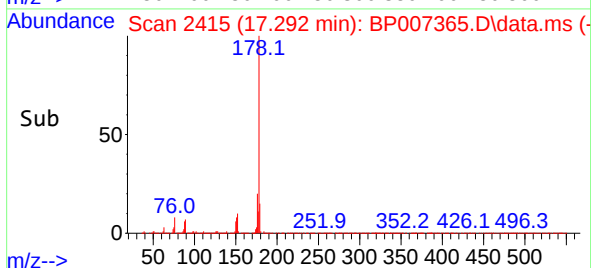
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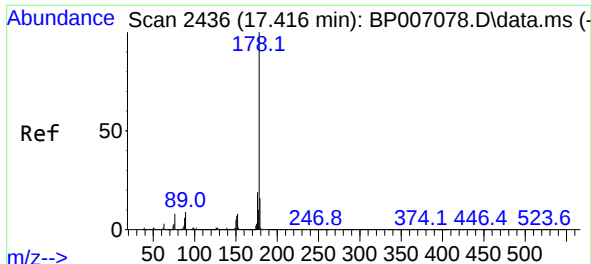


#71
Phenanthrene
Concen: 46.38 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



Tgt Ion:178 Resp: 2238602
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.5 12.4 18.6





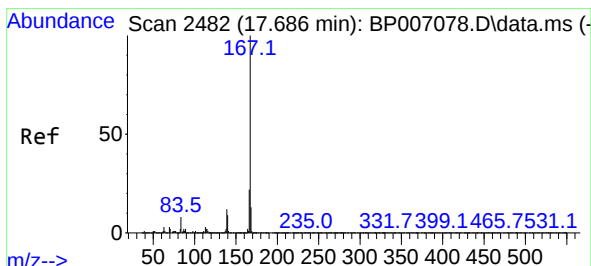
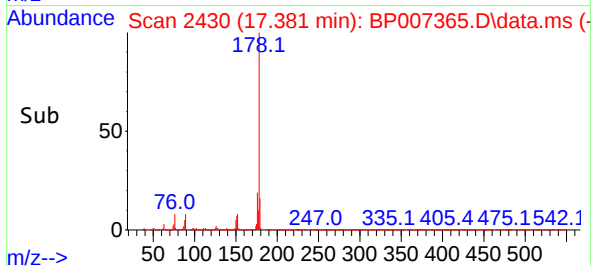
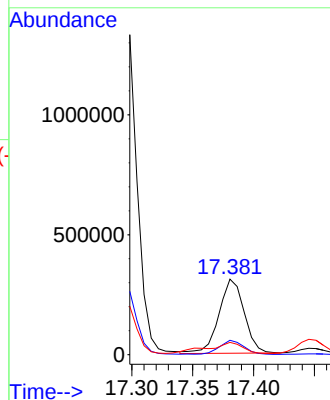
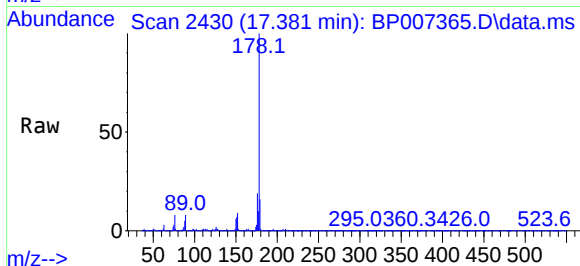
#72
Anthracene
Concen: 9.46 ng
RT: 17.381 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:178 Resp: 446539
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 16.3 12.2 18.2

Instrument :
BNA_P
ClientSampled :
EJ-2

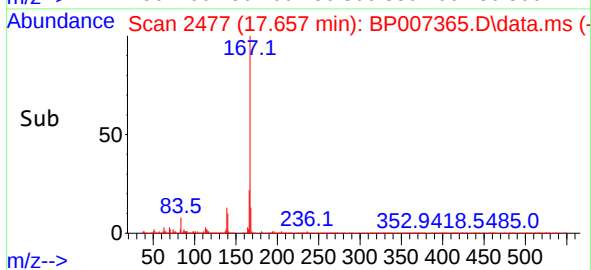
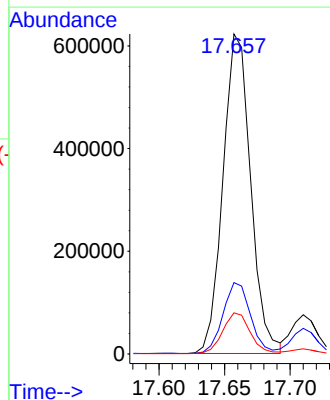
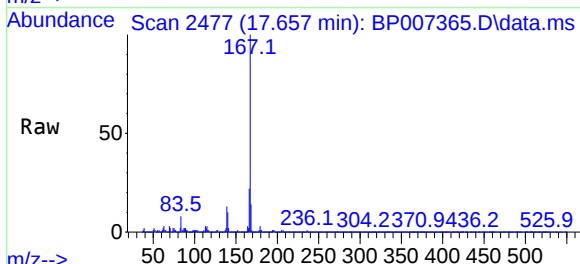
Manual Integrations
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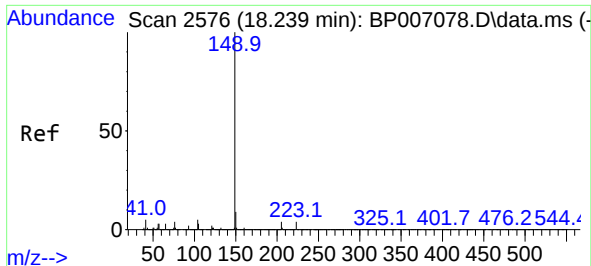
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#73
Carbazole
Concen: 19.75 ng
RT: 17.657 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

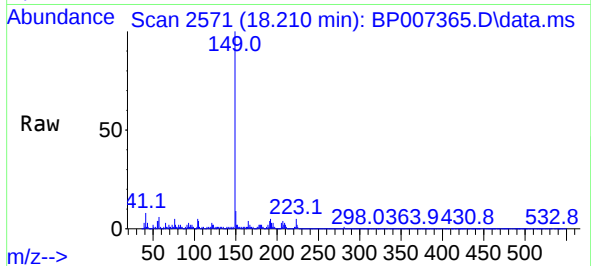
Tgt Ion:167 Resp: 913642
Ion Ratio Lower Upper
167 100
166 22.3 17.1 25.7
139 12.9 10.7 16.1





#74
Di-n-butylphthalate
Concen: 3.10 ng
RT: 18.210 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

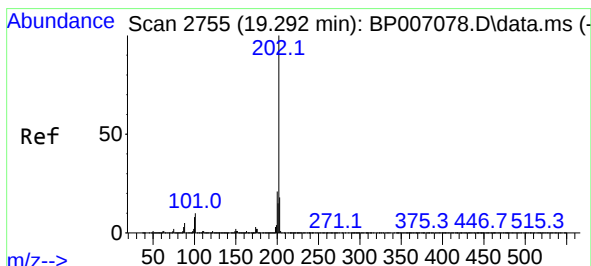
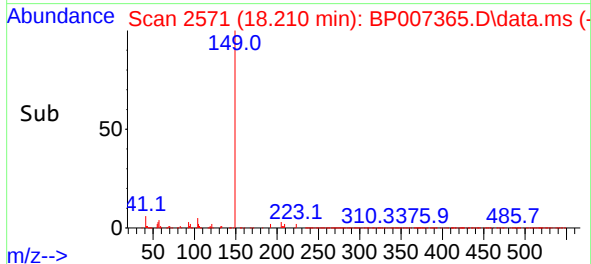
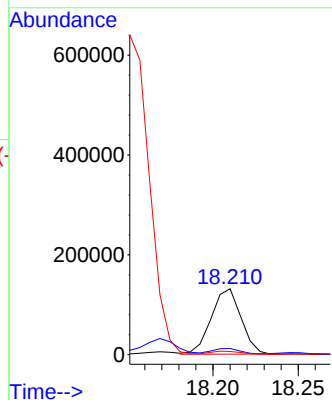
Instrument :
BNA_P
ClientSampled :
EJ-2



Tgt Ion:149 Resp: 158831
Ion Ratio Lower Upper
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150 9.5 7.3 10.9
104 5.0 4.5 6.7

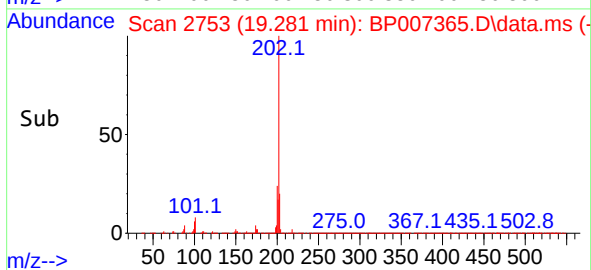
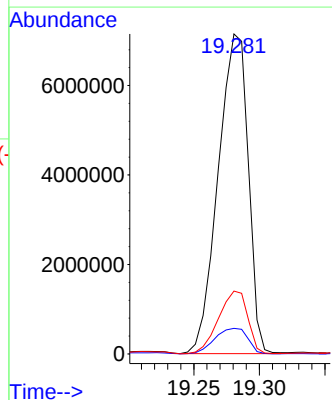
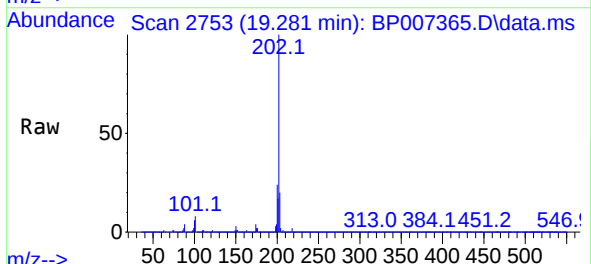
Manual Integrations
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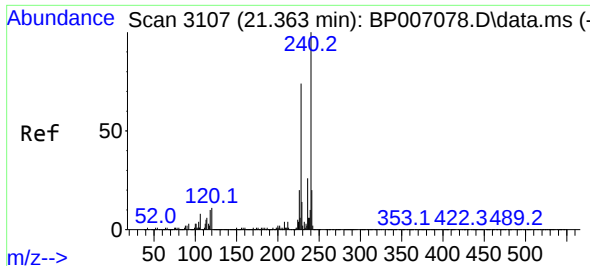
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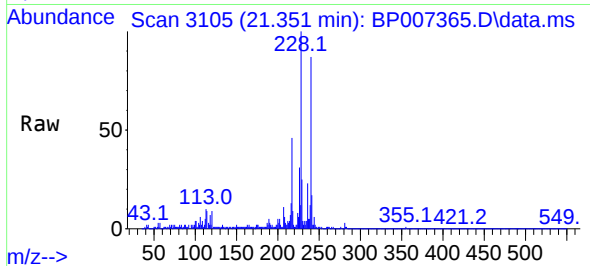
#75
Fluoranthene
Concen: 204.78 ng
RT: 19.281 min Scan# 2753
Delta R.T. 0.018 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:202 Resp:11386955
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.6
203 19.7 0.0 37.8

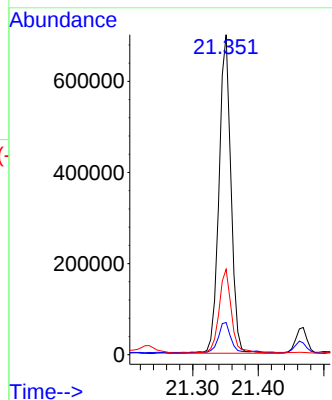




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



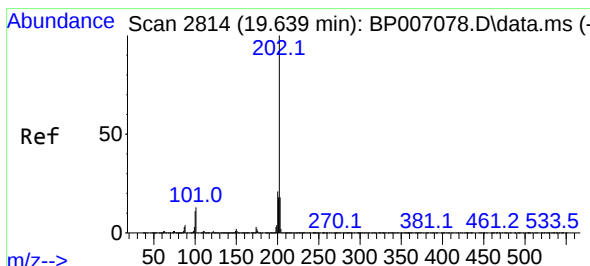
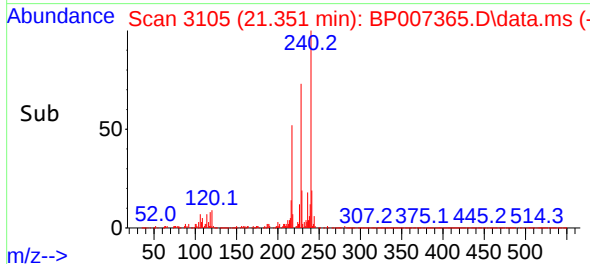
Tgt Ion:240 Resp: 876547
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.7 20.6 31.0



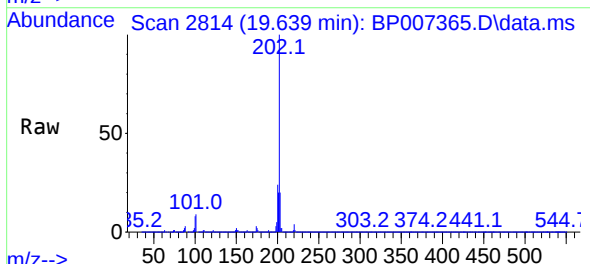
Instrument :
BNA_P
ClientSampled :
EJ-2

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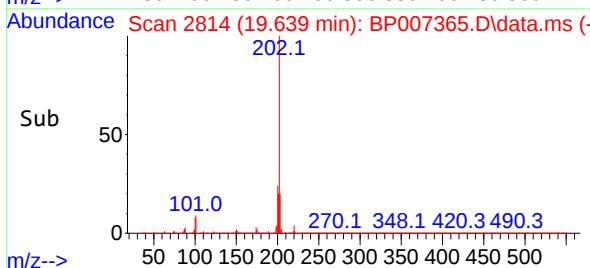
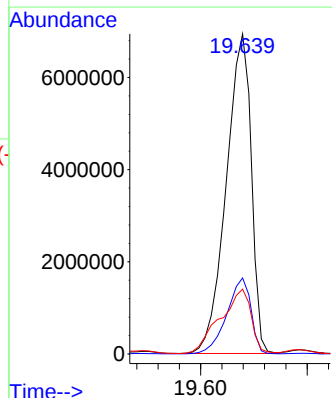
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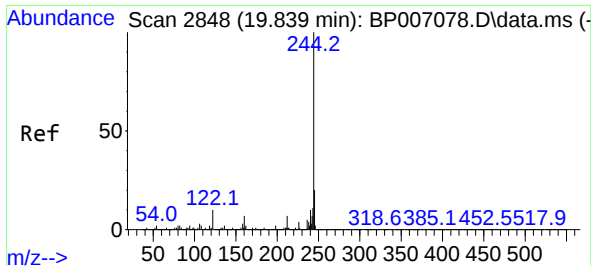


#78
Pyrene
Concen: 196.76 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



Tgt Ion:202 Resp:11315403
Ion Ratio Lower Upper
202 100
200 23.7 16.3 24.5
203 20.2 14.2 21.2





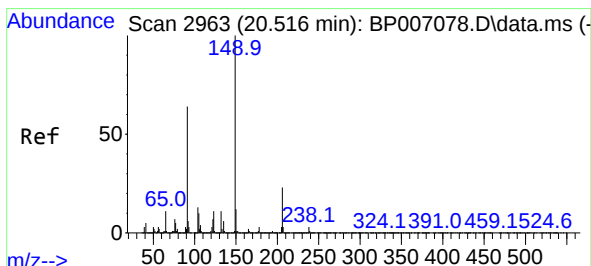
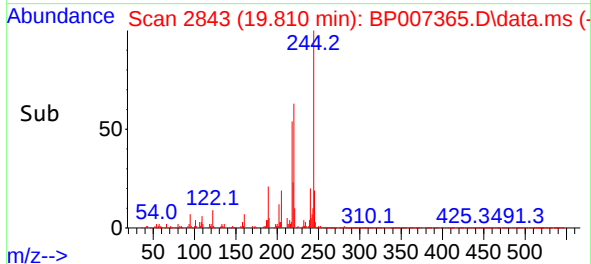
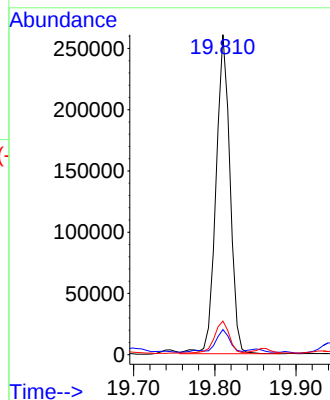
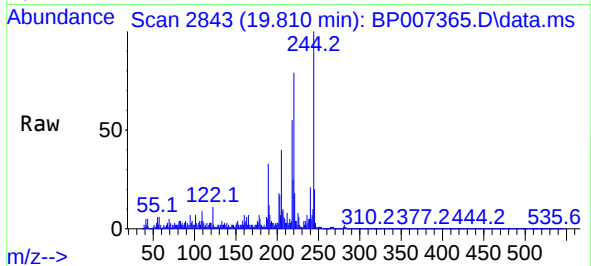
#79
Terphenyl-d14
Concen: 6.84 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:244 Resp: 312719
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 10.5 7.1 10.7

Instrument :
BNA_P
ClientSampled :
EJ-2

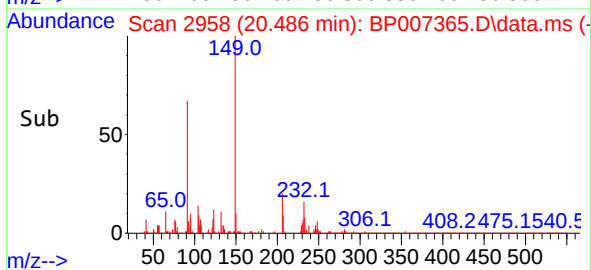
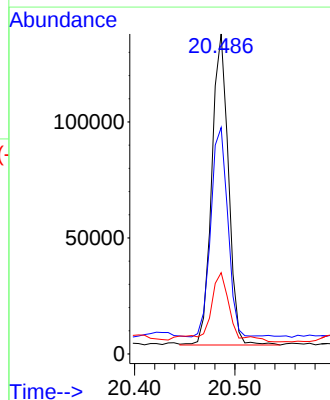
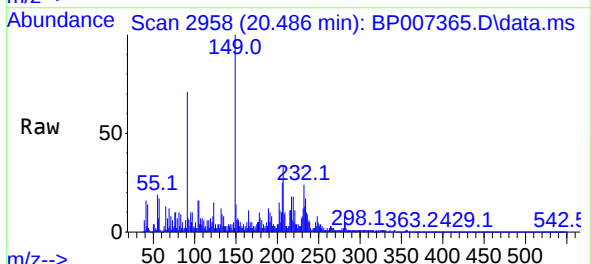
Manual Integrations
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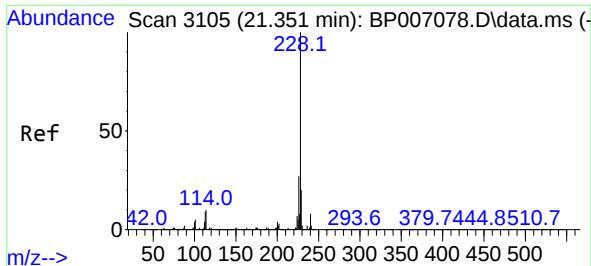
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#80
Butylbenzylphthalate
Concen: 6.72 ng
RT: 20.486 min Scan# 2958
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:149 Resp: 154829
Ion Ratio Lower Upper
149 100
91 70.8 54.6 81.8
206 25.4 16.7 25.1#





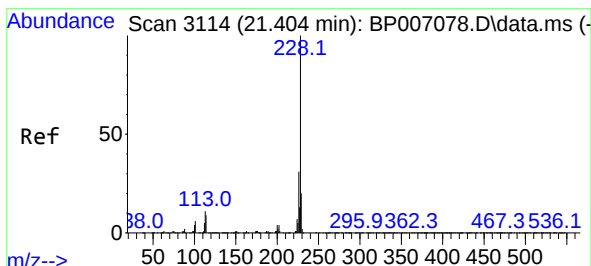
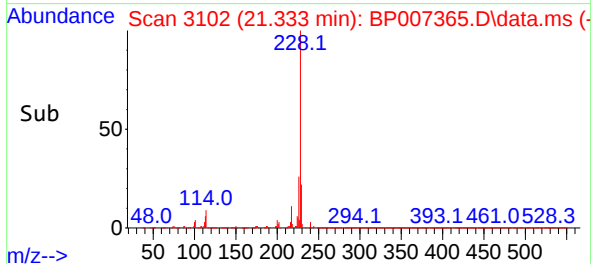
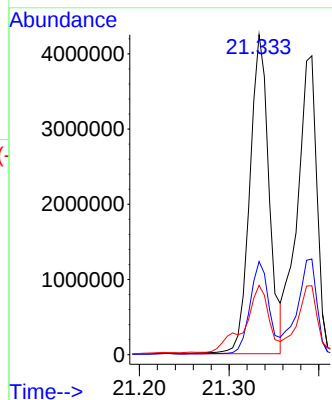
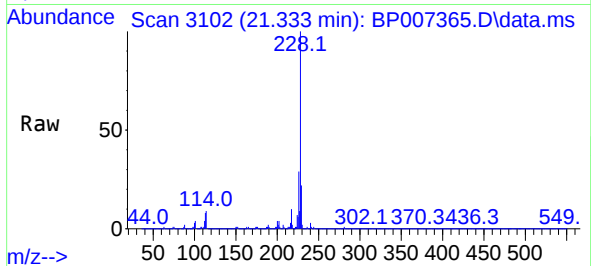
#81
Benzo(a)anthracene
Concen: 111.23 ng
RT: 21.333 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:228 Resp: 6328289
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 21.7 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
EJ-2

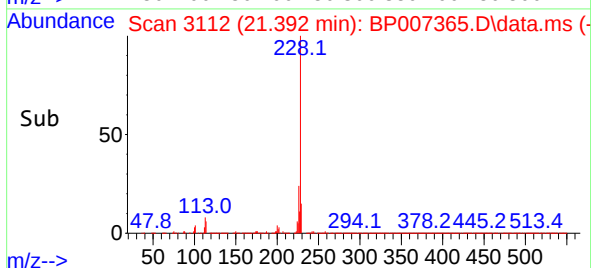
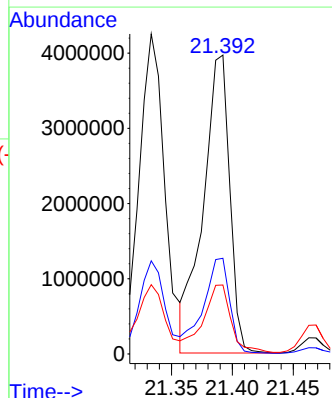
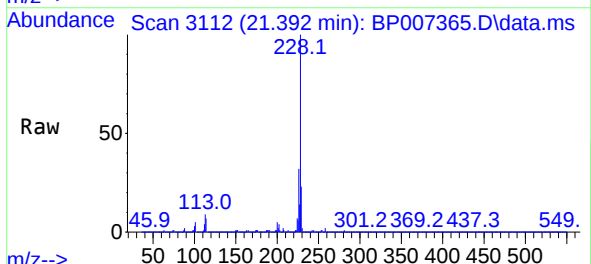
Manual Integrations
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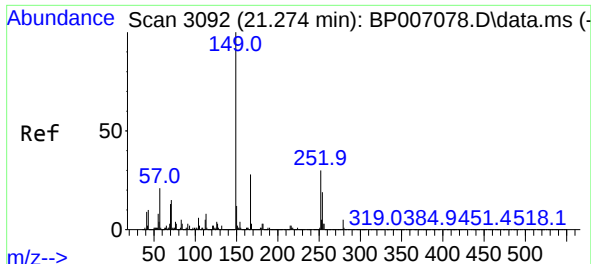
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#83
Chrysene
Concen: 110.87 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:228 Resp: 6028704
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.6
229 23.1 15.4 23.2





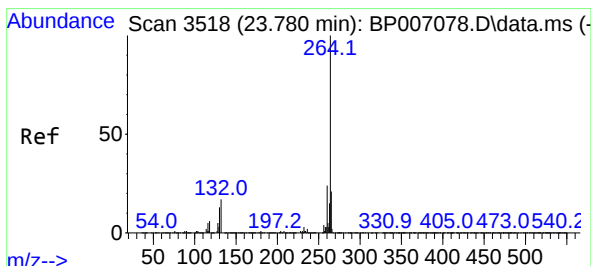
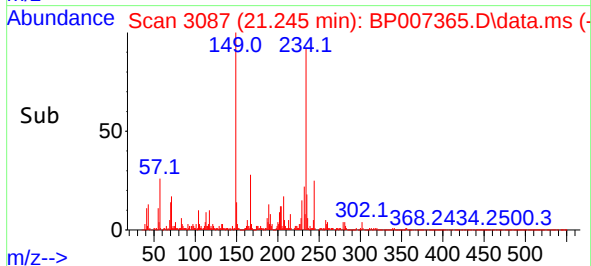
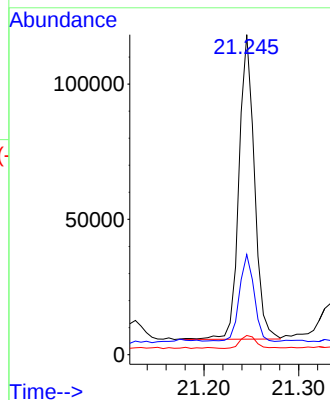
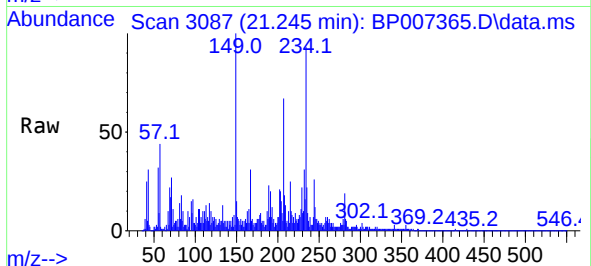
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.82 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Tgt Ion:149 Resp: 126646
Ion Ratio Lower Upper
149 100
167 31.3 21.9 32.9
279 6.0 4.3 6.5

Instrument :
BNA_P
ClientSampled :
EJ-2

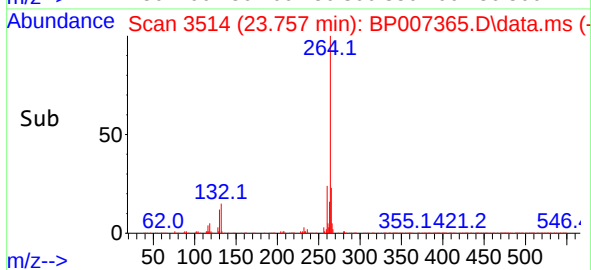
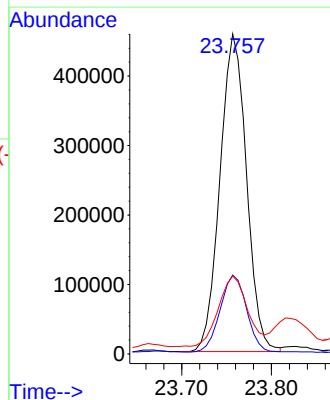
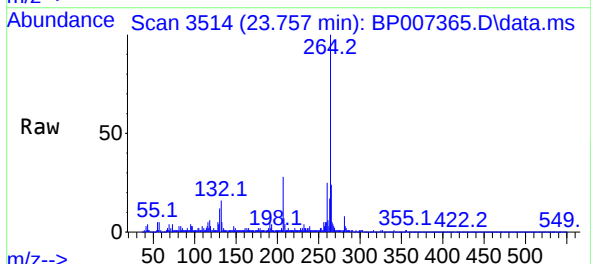
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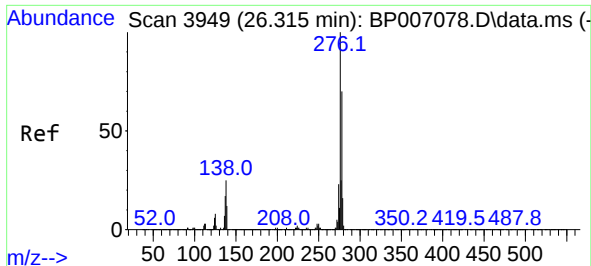
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

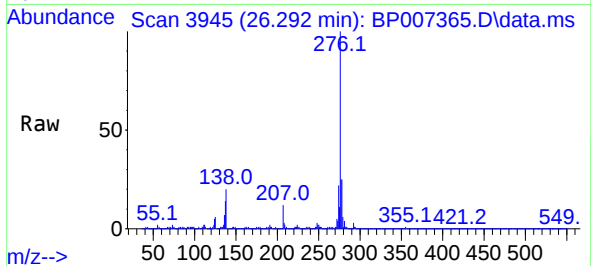
Tgt Ion:264 Resp: 938367
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 24.4 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.74 ng
RT: 26.292 min Scan# 3945
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

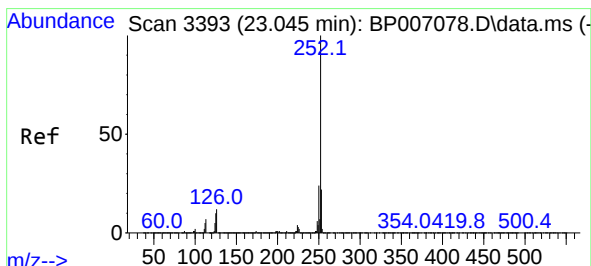
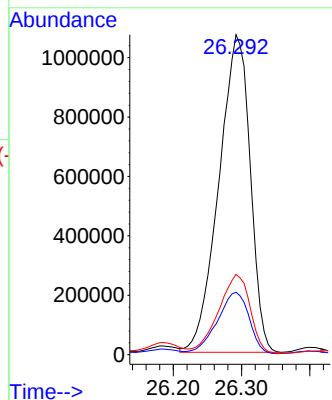
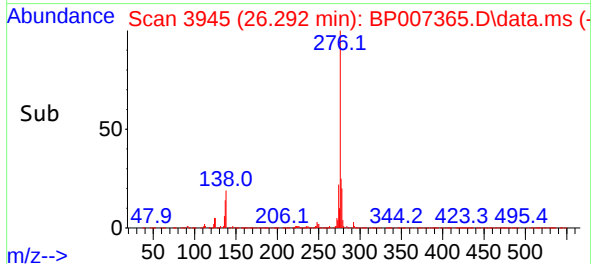
Instrument :
BNA_P
ClientSampled :
EJ-2



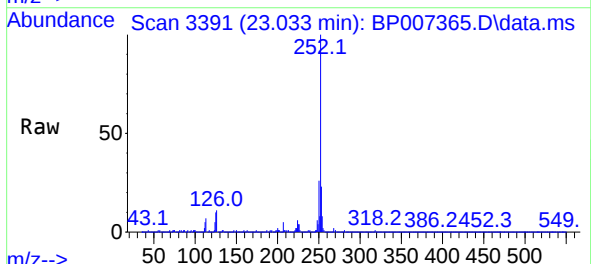
Tgt Ion: 276 Resp: 3421552
Ion Ratio Lower Upper
276 100
138 19.6 15.3 22.9
277 25.1 20.4 30.6

Manual Integrations
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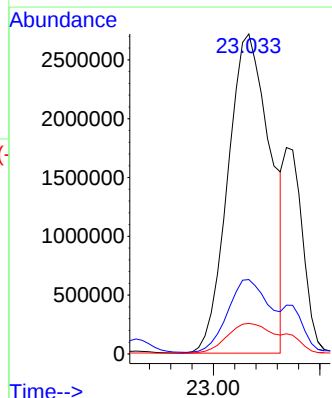
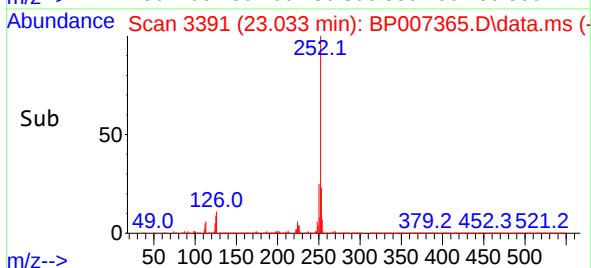
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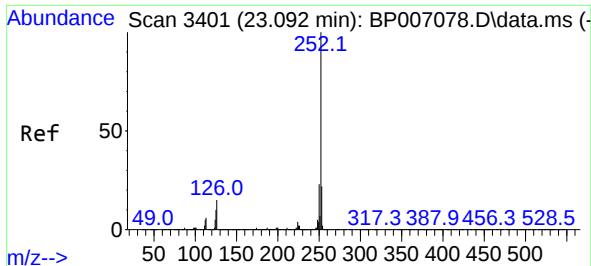


#88
Benzo(b)fluoranthene
Concen: 134.25 ng
RT: 23.033 min Scan# 3391
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



Tgt Ion: 252 Resp: 7528484
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.6 6.2 9.4#





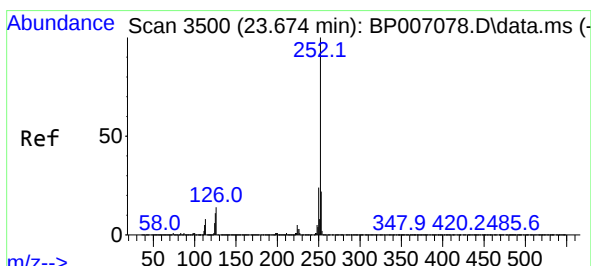
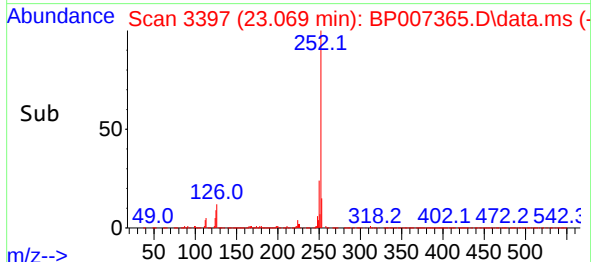
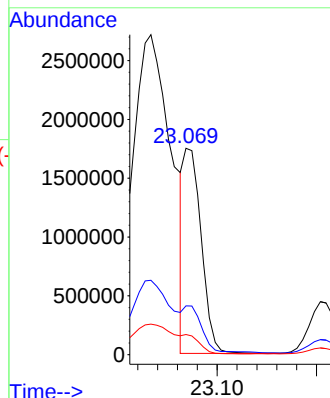
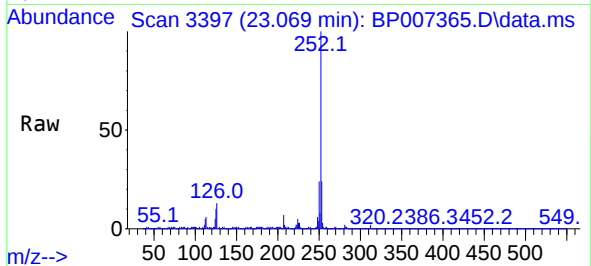
#89
Benzo(k)fluoranthene
Concen: 37.62 ng m
RT: 23.069 min Scan# 3397
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

Instrument :
BNA_P
ClientSampled :
EJ-2

Tgt Ion:252 Resp: 2135788
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 9.8 6.0 9.0#

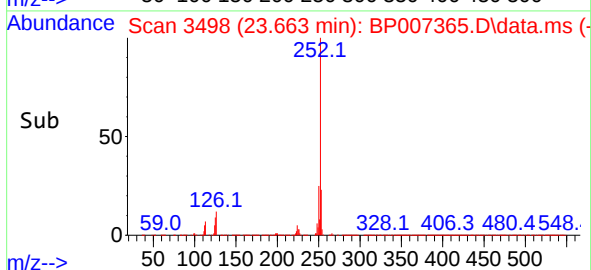
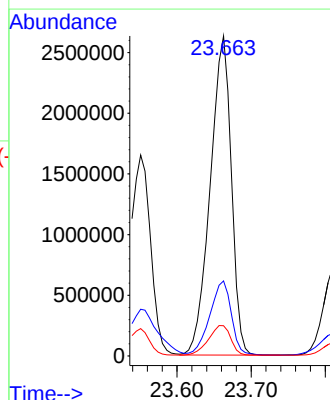
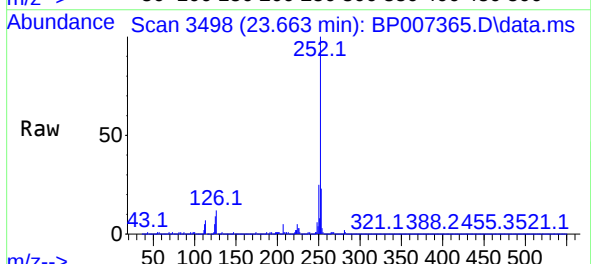
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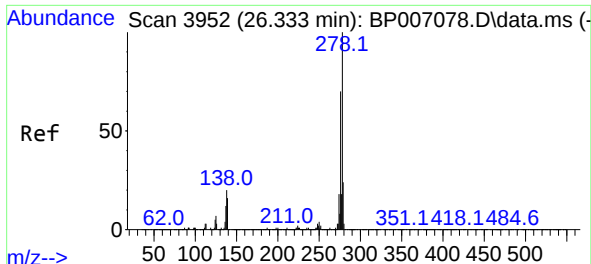
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#90
Benzo(a)pyrene
Concen: 109.09 ng
RT: 23.663 min Scan# 3498
Delta R.T. 0.024 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

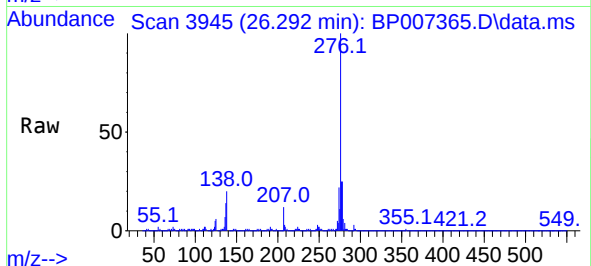
Tgt Ion:252 Resp: 5197473
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 9.5 6.5 9.7





#91
Dibenzo(a,h)anthracene
Concen: 15.23 ng
RT: 26.292 min Scan# 3945
Delta R.T. 0.012 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25

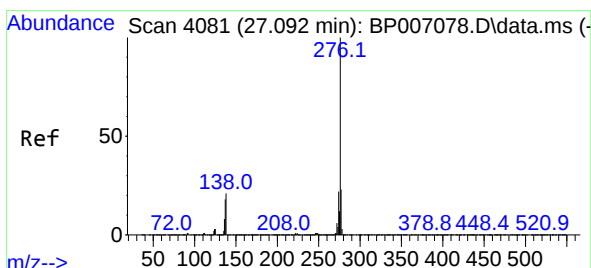
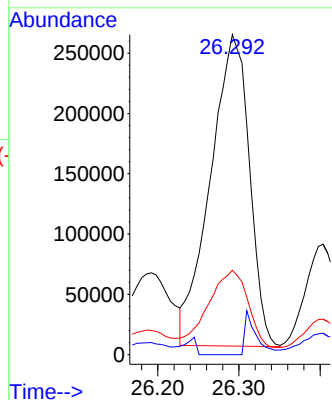
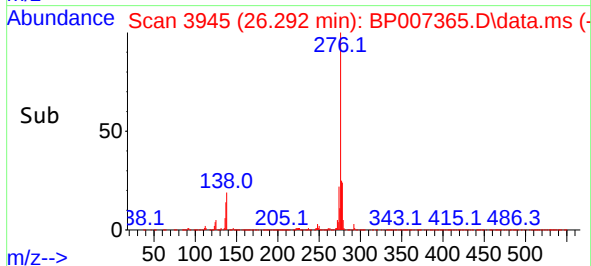
Instrument :
BNA_P
ClientSampled :
EJ-2



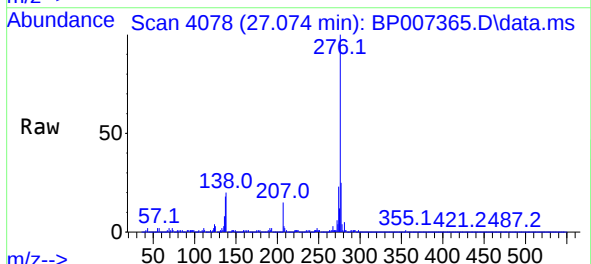
Tgt Ion:278 Resp: 860855
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 26.4 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 57.53 ng
RT: 27.074 min Scan# 4078
Delta R.T. 0.030 min
Lab File: BP007365.D
Acq: 06 Oct 2021 21:25



Tgt Ion:276 Resp: 3172838
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 20.1 12.6 18.8#

