

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007112.D
 Acq On : 22 Sep 2021 23:09
 Operator : CG/JU
 Sample : M3797-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 26240

Manual Integrations
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Quant Time: Sep 23 01:08:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	329346	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1195483	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	716533	20.000	ng	0.00
64) Phenanthrene-d10	17.287	188	1415222	20.000	ng	# 0.00
76) Chrysene-d12	21.369	240	1532167	20.000	ng	0.00
86) Perylene-d12	23.798	264	1700406	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	770789	39.176	ng	0.00
7) Phenol-d6	7.064	99	952353	35.416	ng	0.00
23) Nitrobenzene-d5	9.058	82	571416	27.836	ng	-0.01
42) 2,4,6-Tribromophenol	16.022	330	438667	47.222	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1355659	27.105	ng	0.00
79) Terphenyl-d14	19.839	244	2114036	26.440	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.593	154	84839	2.202	ng	# 87
66) n-Nitrosodiphenylamine	15.798	169	255341	6.064	ng	# 57
71) Phenanthrene	17.328	178	226981	2.991	ng	# 40
74) Di-n-butylphthalate	18.239	149	169871	2.107	ng	# 54
75) Fluoranthene	19.298	202	942188	10.777	ng	90
78) Pyrene	19.645	202	1054604	10.491	ng	# 93
81) Benzo(a)anthracene	21.351	228	307524	3.092	ng	# 86
83) Chrysene	21.404	228	437471m	4.603	ng	
84) Bis(2-ethylhexyl)phtha...	21.280	149	2836026	49.001	ng	# 92
85) Di-n-octyl phthalate	22.210	149	212636	2.158	ng	# 83
87) Indeno(1,2,3-cd)pyrene	26.327	276	263432	2.156	ng	96
88) Benzo(b)fluoranthene	23.051	252	596285	5.868	ng	# 17
90) Benzo(a)pyrene	23.686	252	271482	3.145	ng	# 1
92) Benzo(g,h,i)perylene	27.121	276	321739	3.219	ng	# 64

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

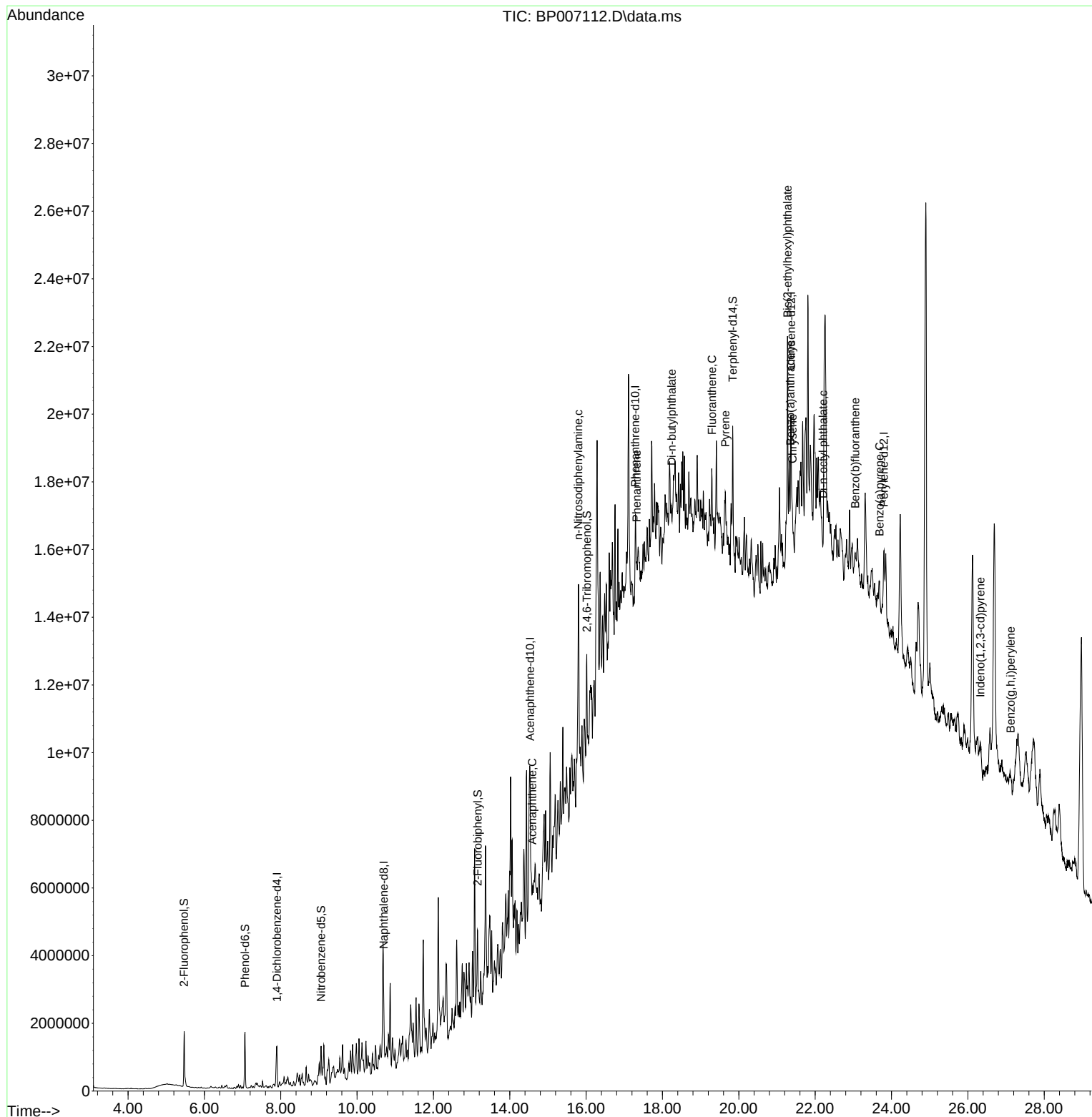
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007112.D
Acq On : 22 Sep 2021 23:09
Operator : CG/JU
Sample : M3797-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

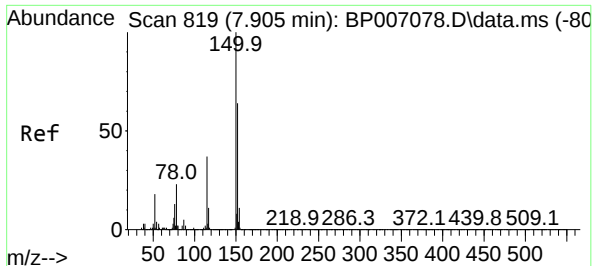
Instrument :
BNA_P
ClientSampled :
26240

Manual Integrations
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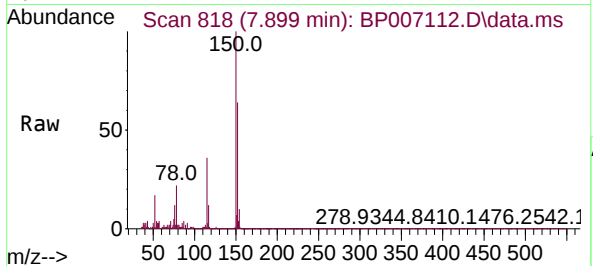
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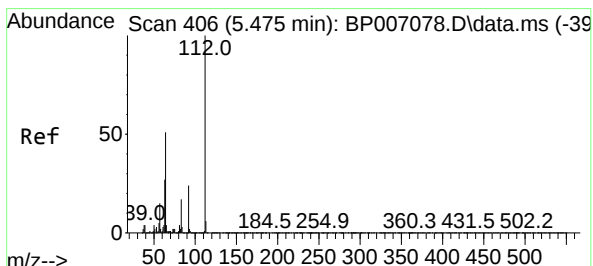
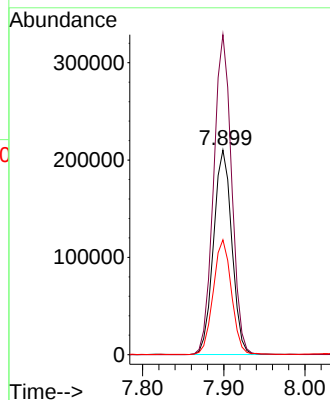
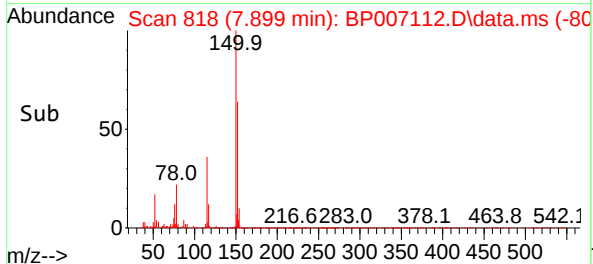




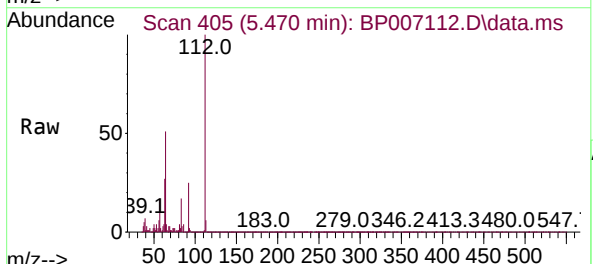
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



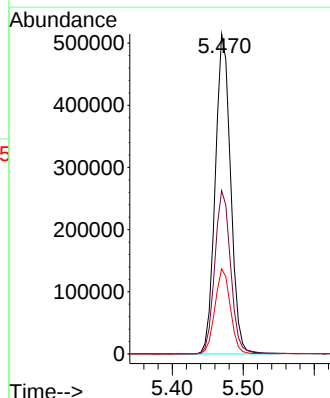
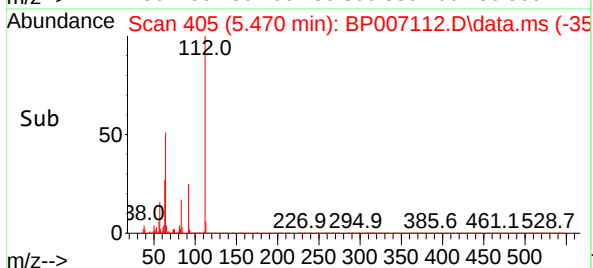
Tgt Ion:152 Resp: 329346
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 56.1 48.5 72.7



#5
2-Fluorophenol
Concen: 39.176 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.005 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



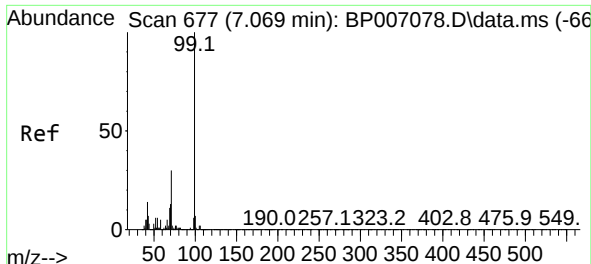
Tgt Ion:112 Resp: 770789
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 26.6 23.8 35.8



Instrument :
BNA_P
ClientSampleId :
26240

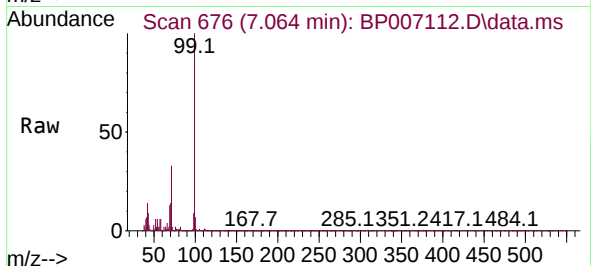
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#7
Phenol-d6
Concen: 35.416 ng
RT: 7.064 min Scan# 676
Delta R.T. -0.005 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

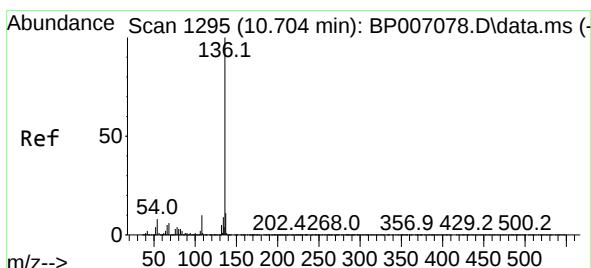
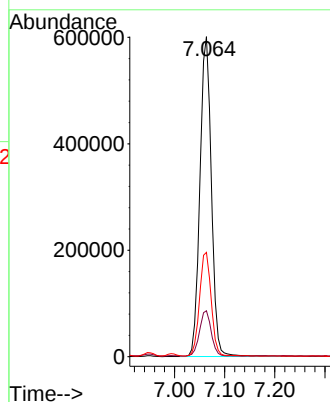
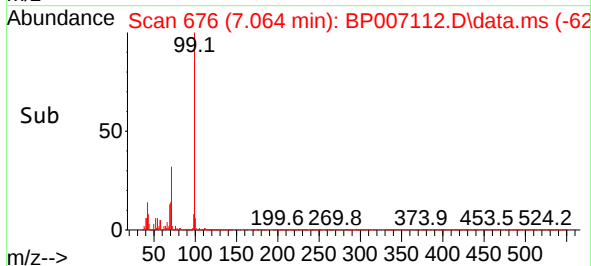
Instrument :
BNA_P
ClientSampleId :
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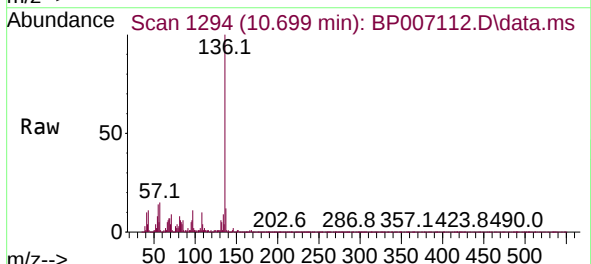
Tgt Ion: 99 Resp: 952353
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 32.6 30.6 46.0

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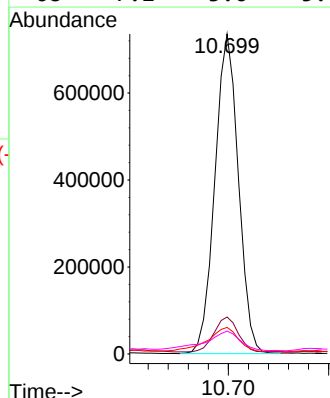
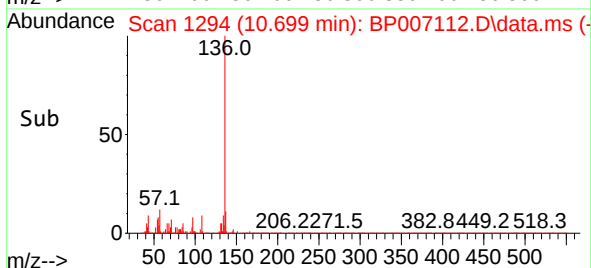
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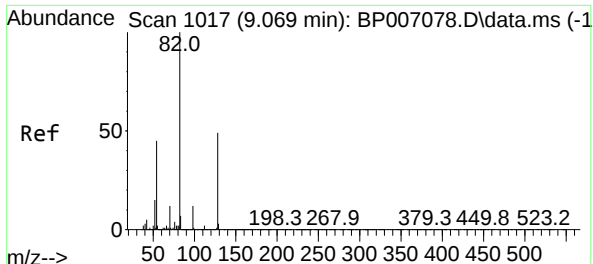


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



Tgt Ion: 136 Resp: 1195483
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 8.3 4.6 6.8#
68 7.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 27.836 ng

RT: 9.058 min Scan# 1015

Delta R.T. -0.011 min

Lab File: BP007112.D

Acq: 22 Sep 2021 23:09

Tgt Ion: 82	Resp: 571416
Ion Ratio	Lower Upper
82 100	
128 45.7	35.7 53.5
54 45.0	35.0 52.4

Instrument :

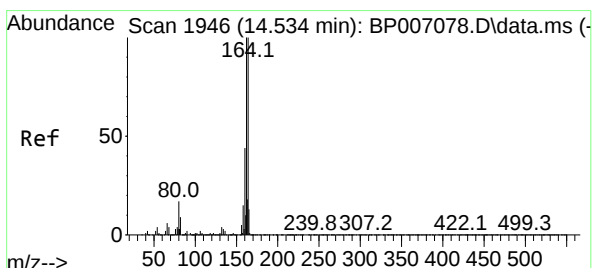
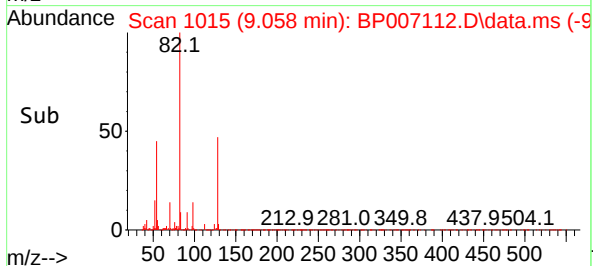
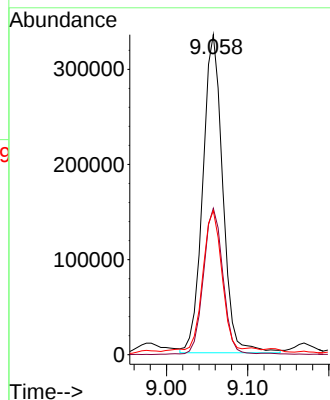
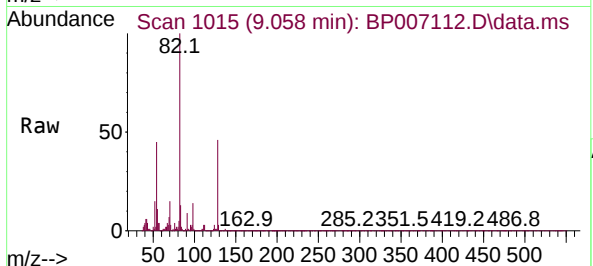
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ClientSampleId :

26240

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#39

Acenaphthene-d10

Concen: 20.000 ng

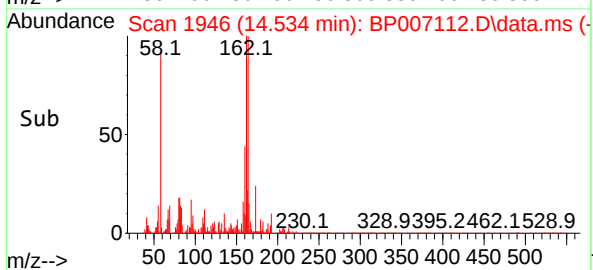
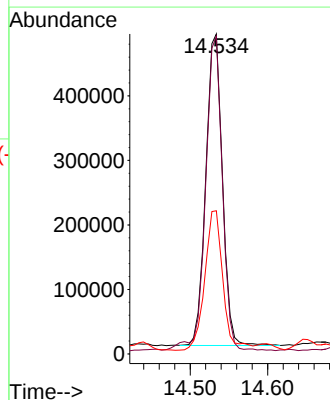
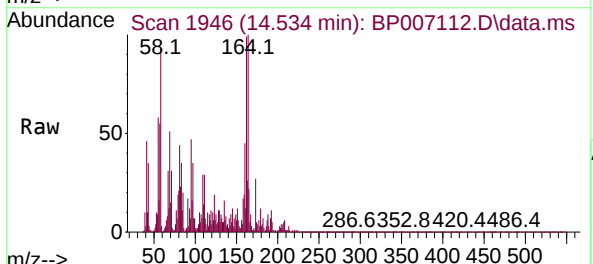
RT: 14.534 min Scan# 1946

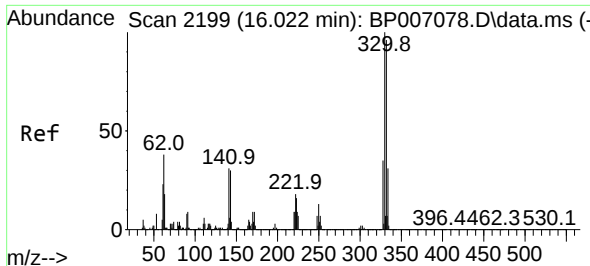
Delta R.T. 0.000 min

Lab File: BP007112.D

Acq: 22 Sep 2021 23:09

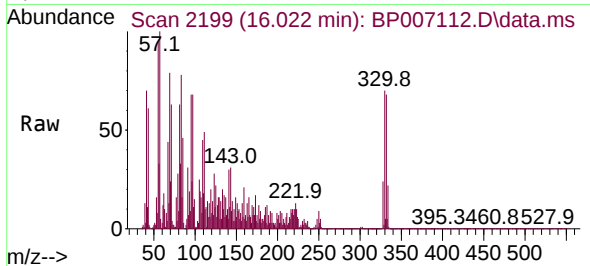
Tgt Ion: 164	Resp: 716533
Ion Ratio	Lower Upper
164 100	
162 99.3	80.2 120.2
160 44.8	34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 47.222 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

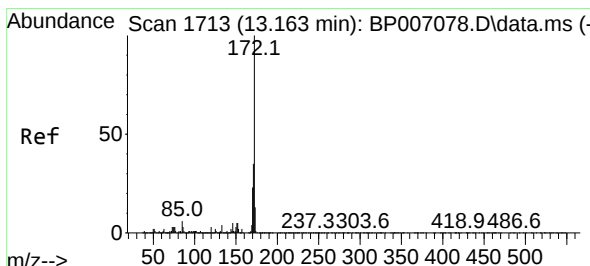
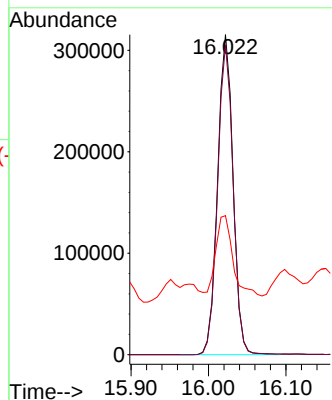
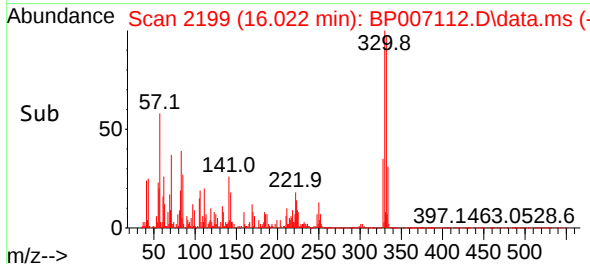
Instrument :
BNA_P
ClientSampled :
26240



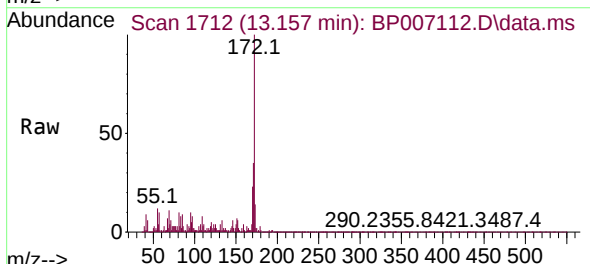
Tgt Ion:330 Resp: 438667
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 27.4 25.4 38.2

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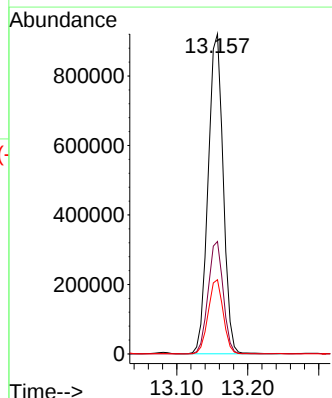
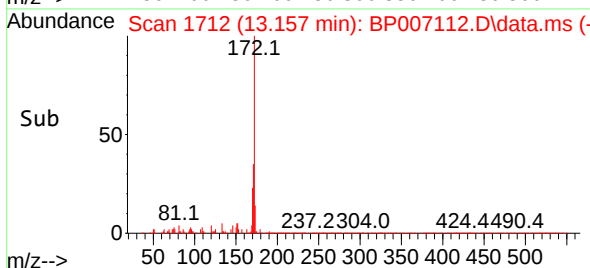
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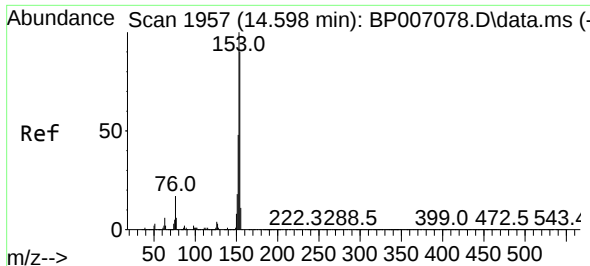


#45
2-Fluorobiphenyl
Concen: 27.105 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



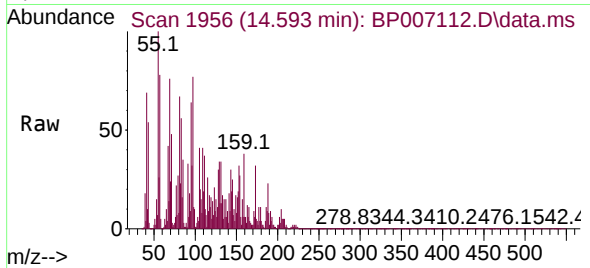
Tgt Ion:172 Resp: 1355659
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.2 18.6 27.8





#52
Acenaphthene
Concen: 2.202 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

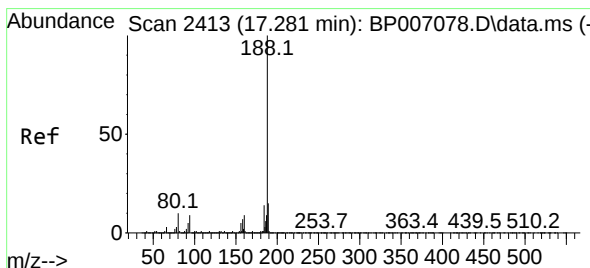
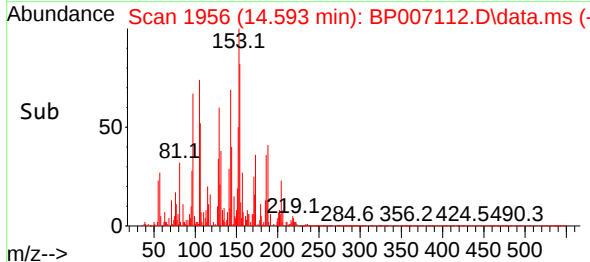
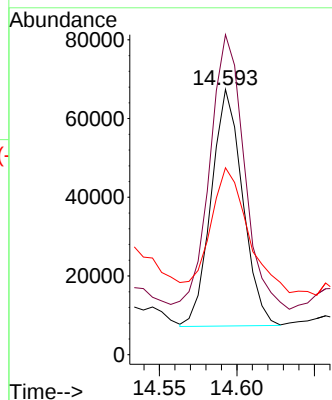
Instrument :
BNA_P
ClientSampleId :
26240



Tgt Ion:154 Resp: 84839
Ion Ratio Lower Upper
154 100
153 120.6 89.4 134.2
152 70.5 43.0 64.4#

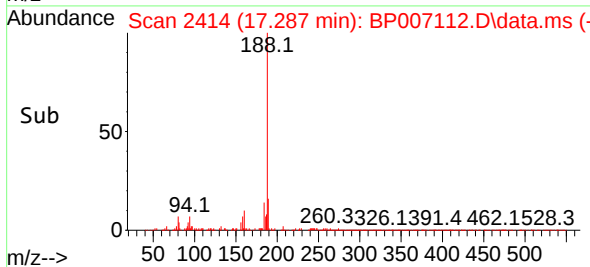
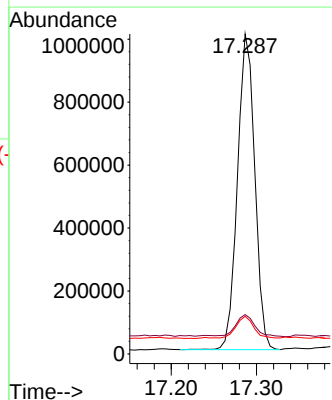
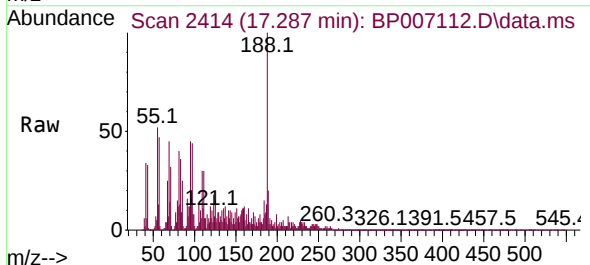
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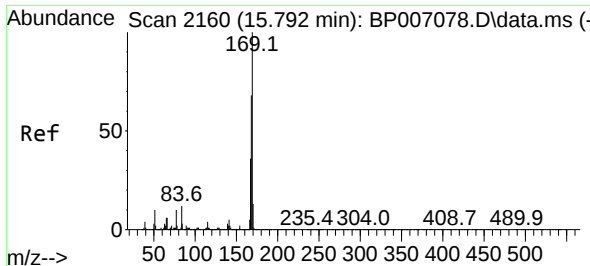
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

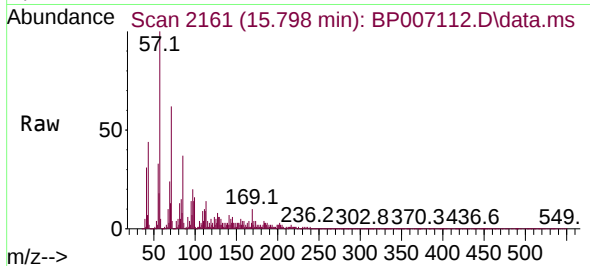
Tgt Ion:188 Resp: 1415222
Ion Ratio Lower Upper
188 100
94 12.3 5.6 8.4#
80 11.8 6.3 9.5#





#66
n-Nitrosodiphenylamine
Concen: 6.064 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

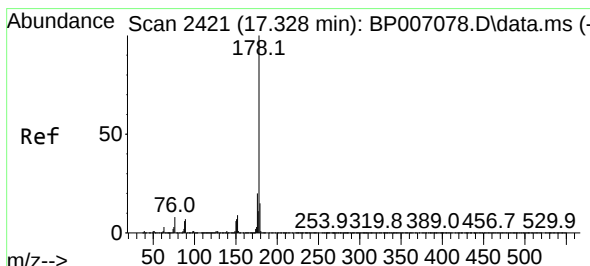
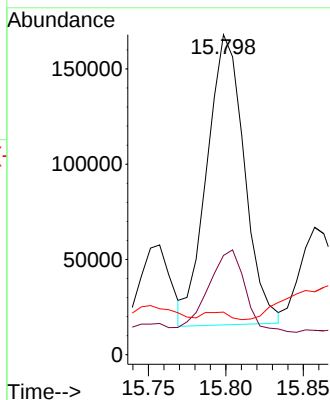
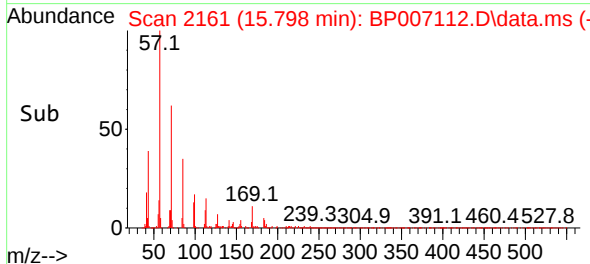
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BNA_P
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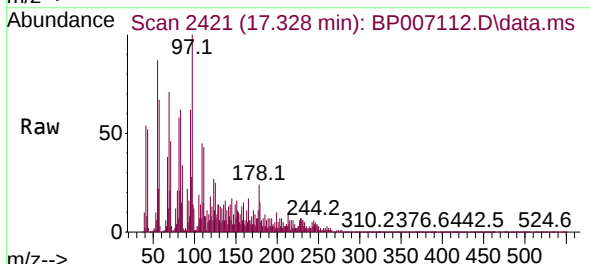
Tgt Ion:169 Resp: 255341
Ion Ratio Lower Upper
169 100
168 31.0 54.4 81.6#
167 13.3 29.0 43.6#

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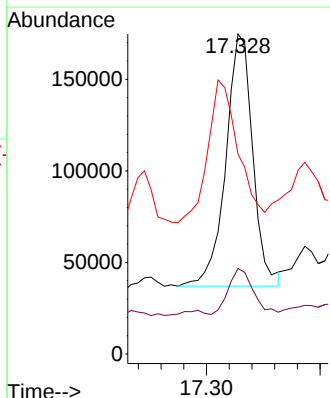
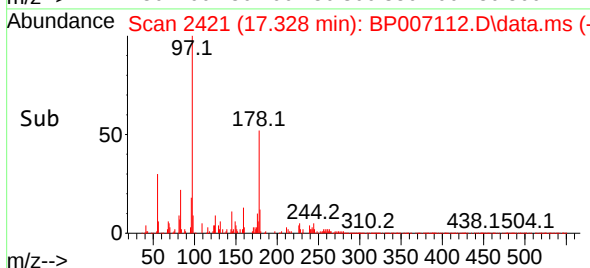
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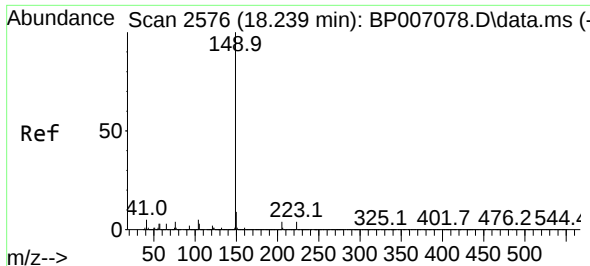


#71
Phenanthrene
Concen: 2.991 ng
RT: 17.328 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



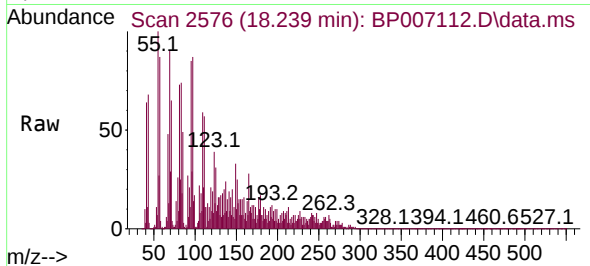
Tgt Ion:178 Resp: 226981
Ion Ratio Lower Upper
178 100
176 26.7 15.1 22.7#
179 62.4 12.4 18.6#





#74
Di-n-butylphthalate
Concen: 2.107 ng
RT: 18.239 min Scan# 2576
Delta R.T. 0.000 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

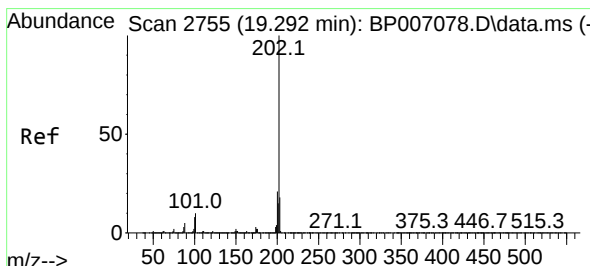
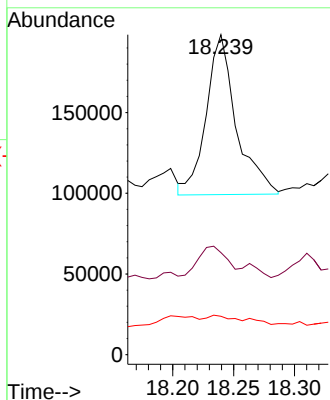
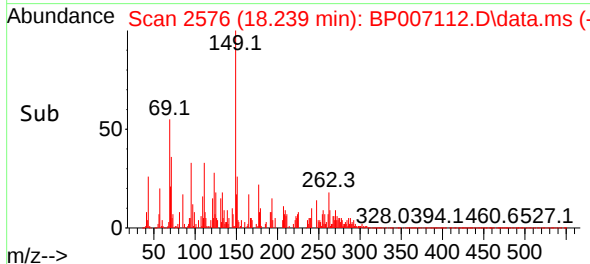
Instrument :
BNA_P
ClientSampleId :
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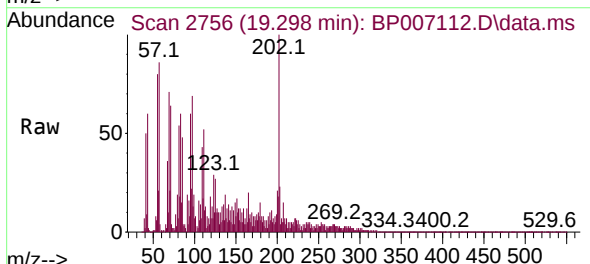
Tgt Ion:149 Resp: 169871
Ion Ratio Lower Upper
149 100
150 31.9 7.3 10.9#
104 12.0 4.5 6.7#

Manual Integrations
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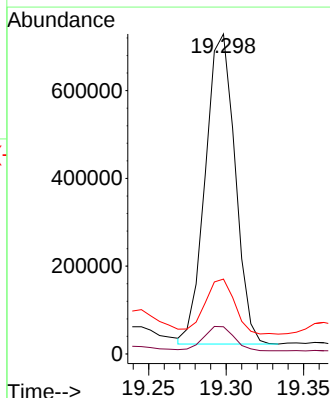
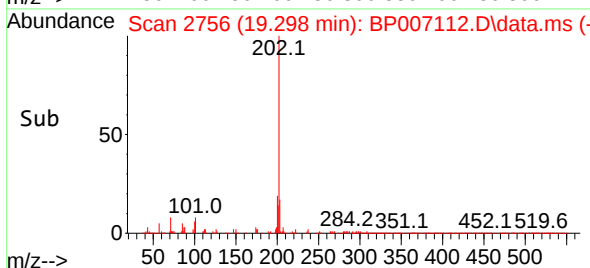
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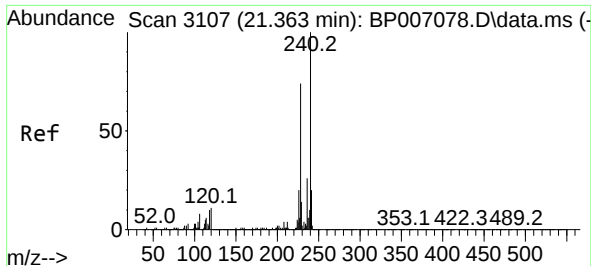


#75
Fluoranthene
Concen: 10.777 ng
RT: 19.298 min Scan# 2756
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



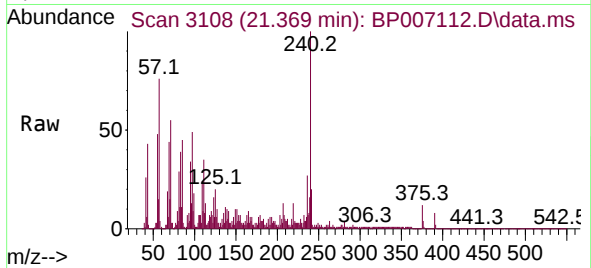
Tgt Ion:202 Resp: 942188
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.6
203 23.4 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

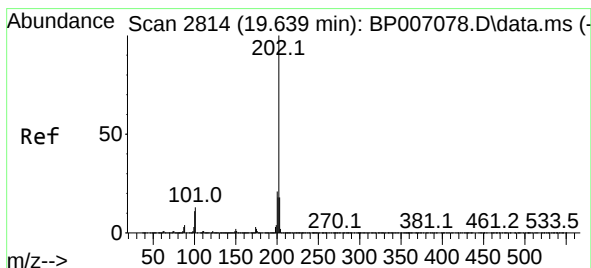
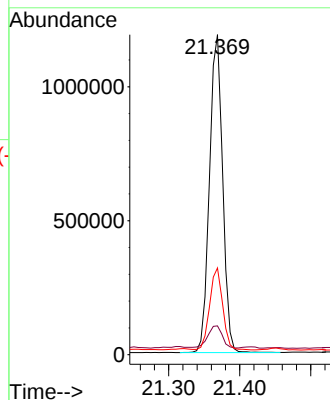
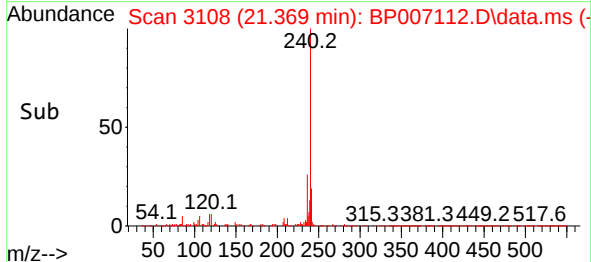
Instrument :
BNA_P
ClientSampleId :
26240



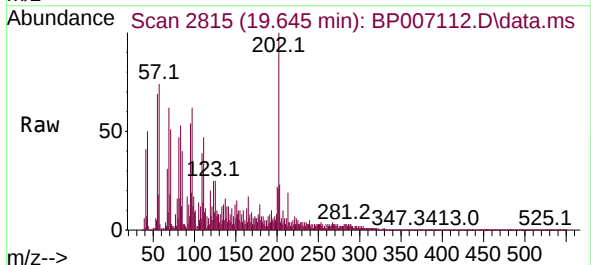
Tgt Ion:240 Resp: 1532167
Ion Ratio Lower Upper
240 100
120 9.0 6.5 9.7
236 27.1 20.6 31.0

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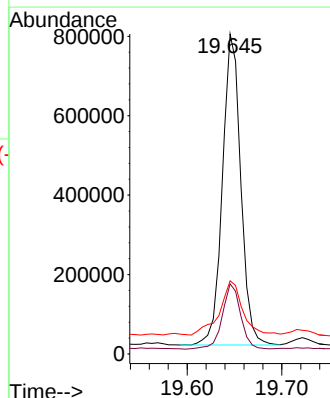
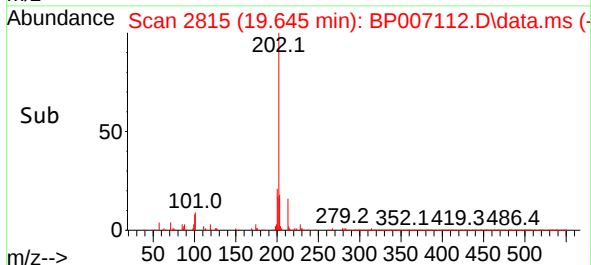
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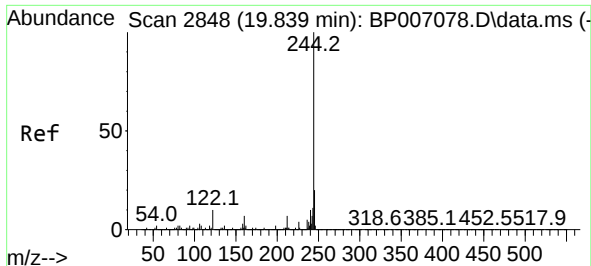


#78
Pyrene
Concen: 10.491 ng
RT: 19.645 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



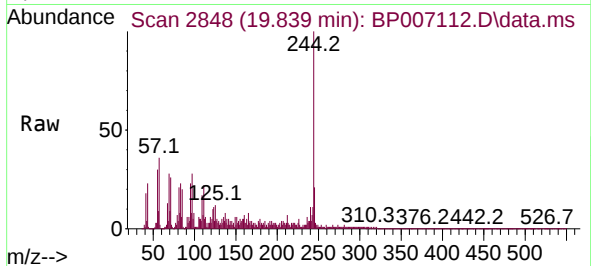
Tgt Ion:202 Resp: 1054604
Ion Ratio Lower Upper
202 100
200 21.9 16.3 24.5
203 22.9 14.2 21.2#





#79
 Terphenyl-d14
 Concen: 26.440 ng
 RT: 19.839 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: BP007112.D
 Acq: 22 Sep 2021 23:09

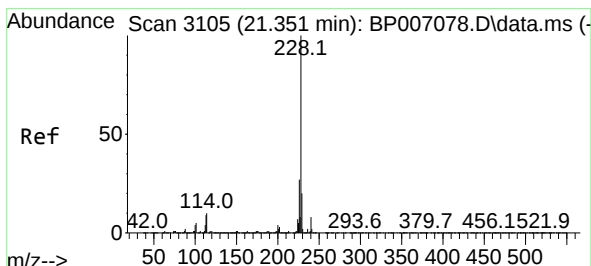
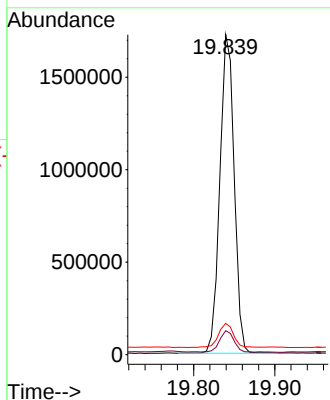
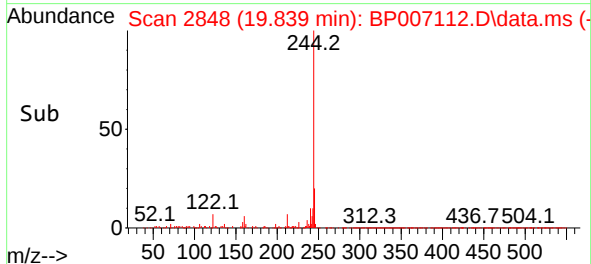
Instrument :
 BNA_P
 ClientSampled :
 26240



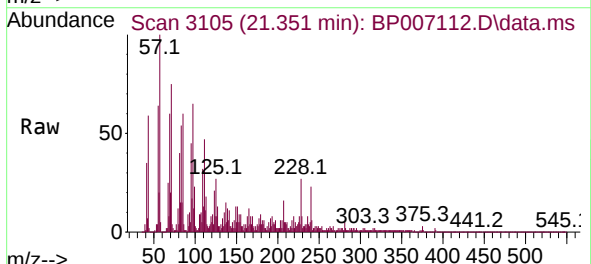
Tgt Ion:244 Resp: 2114036
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.8 7.1 10.7

Manual Integrations
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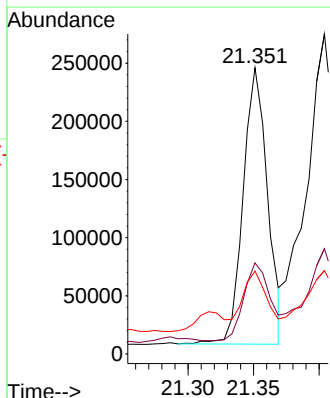
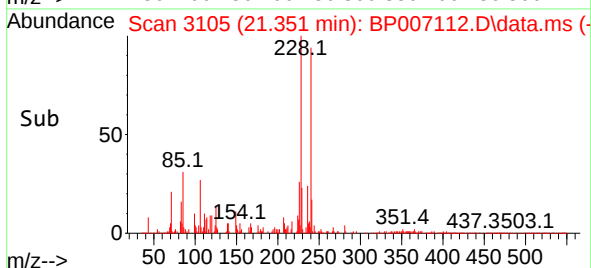
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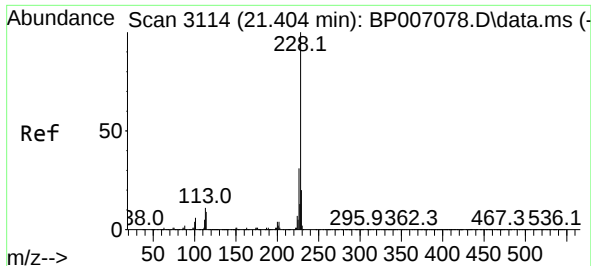


#81
 Benzo(a)anthracene
 Concen: 3.092 ng
 RT: 21.351 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BP007112.D
 Acq: 22 Sep 2021 23:09



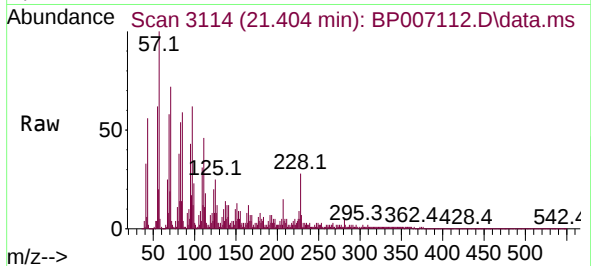
Tgt Ion:228 Resp: 307524
 Ion Ratio Lower Upper
 228 100
 226 31.8 21.6 32.4
 229 29.0 15.8 23.6#





#83
Chrysene
Concen: 4.603 ng m
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

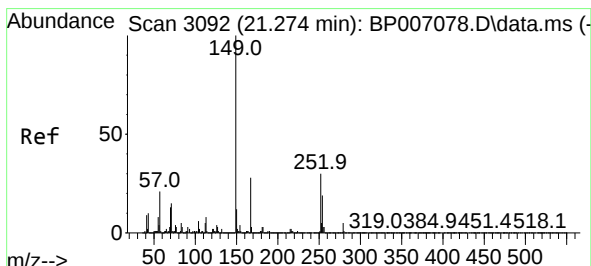
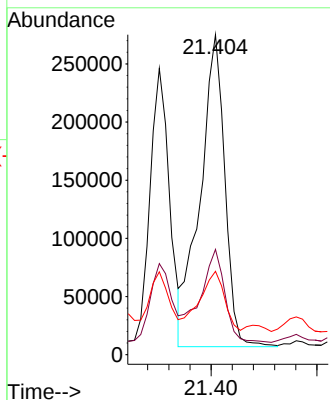
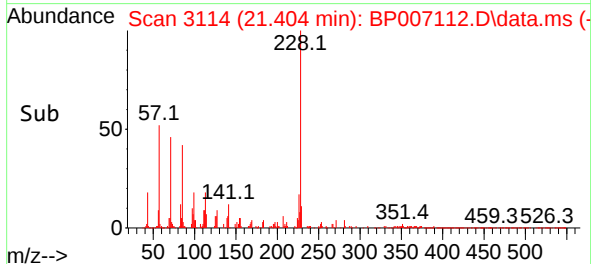
Instrument :
BNA_P
ClientSampled :
26240



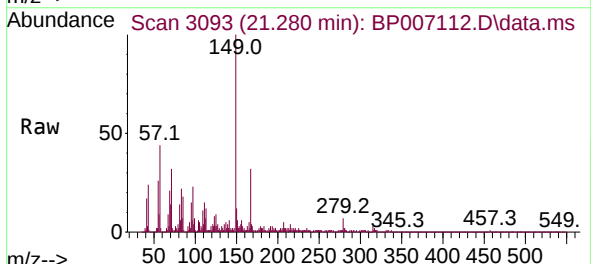
Tgt Ion:228 Resp: 437471
Ion Ratio Lower Upper
228 100
226 32.9 23.8 35.6
229 26.1 15.4 23.2#

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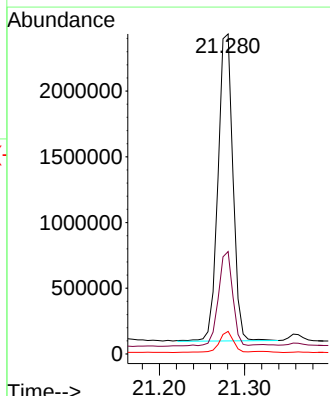
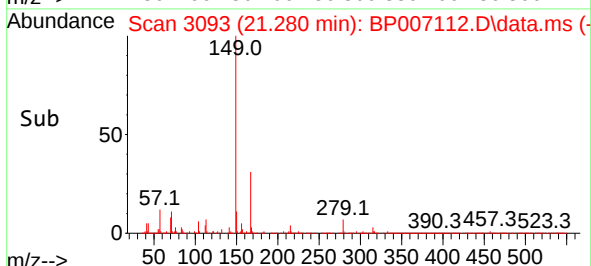
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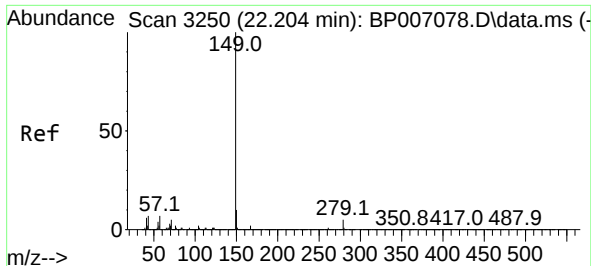


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.001 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



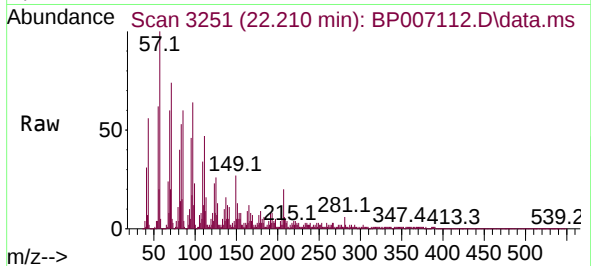
Tgt Ion:149 Resp: 2836026
Ion Ratio Lower Upper
149 100
167 32.0 21.9 32.9
279 7.1 4.3 6.5#





#85
Di-n-octyl phthalate
Concen: 2.158 ng
RT: 22.210 min Scan# 3251
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

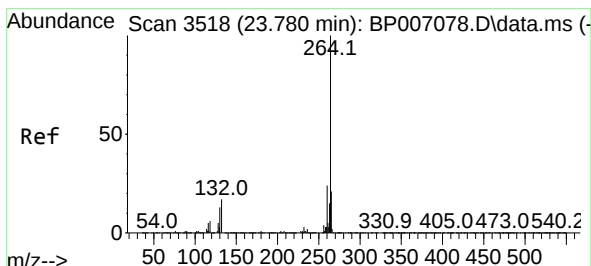
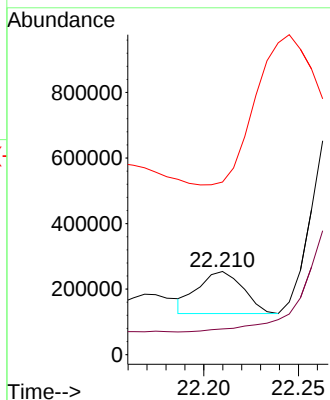
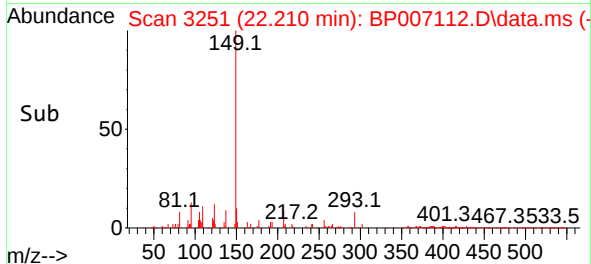
Instrument :
BNA_P
ClientSampled :
26240



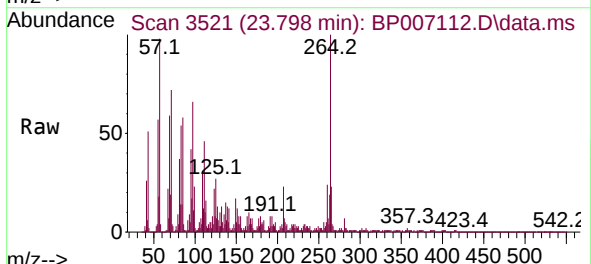
Tgt Ion:149 Resp: 212636
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 0.0 5.6 8.4#

Manual Integrations
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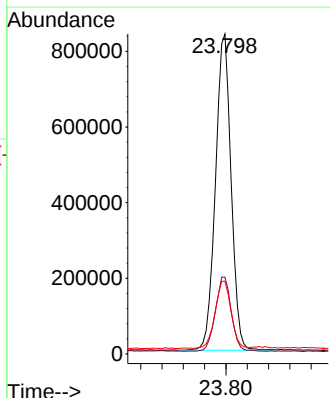
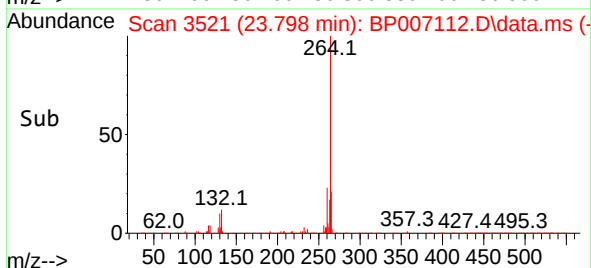
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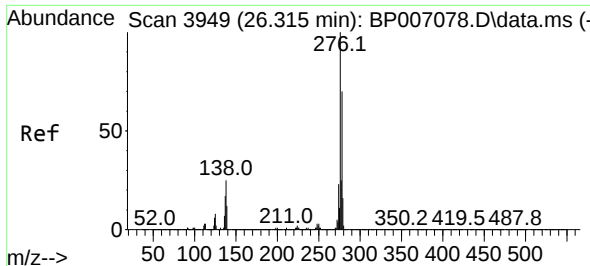


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3521
Delta R.T. 0.018 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



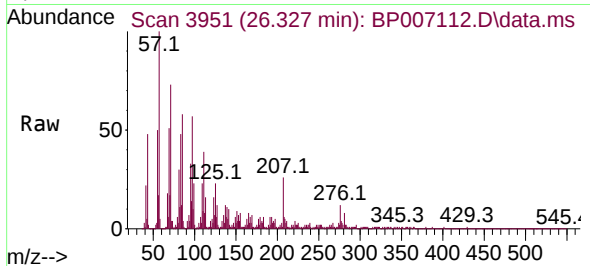
Tgt Ion:264 Resp: 1700406
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.156 ng
RT: 26.327 min Scan# 3951
Delta R.T. 0.012 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

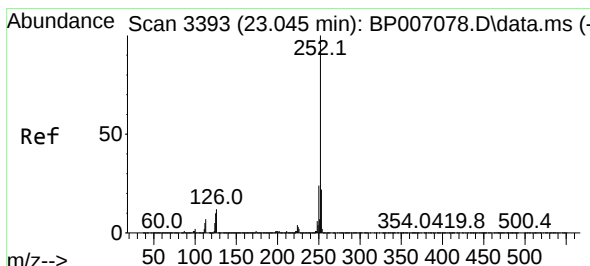
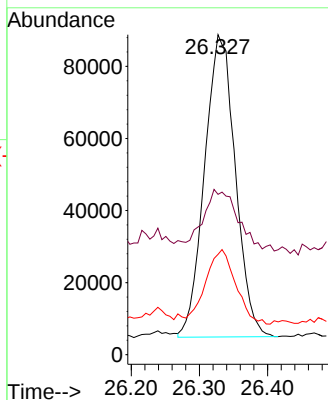
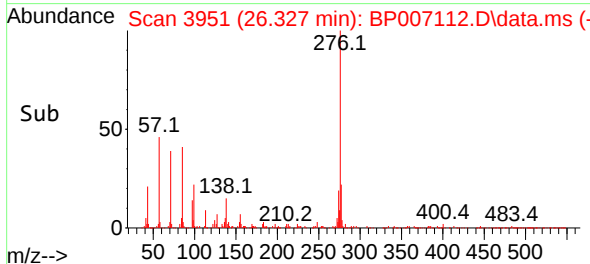
Instrument :
BNA_P
ClientSampleId :
26240



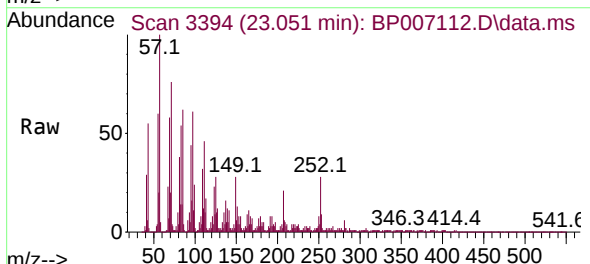
Tgt Ion: 276 Resp: 263432
Ion Ratio Lower Upper
276 100
138 22.0 15.3 22.9
277 24.3 20.4 30.6

Manual Integrations
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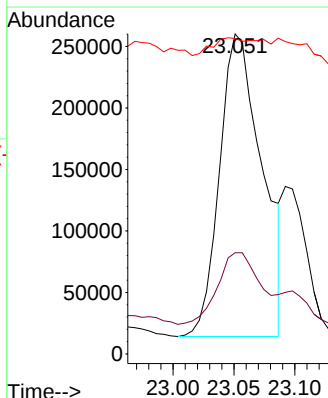
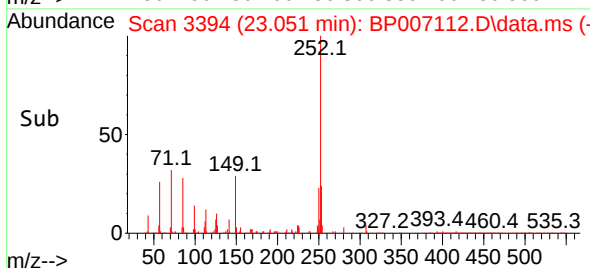
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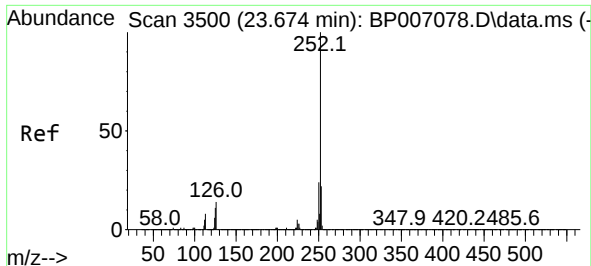


#88
Benzo(b)fluoranthene
Concen: 5.868 ng
RT: 23.051 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



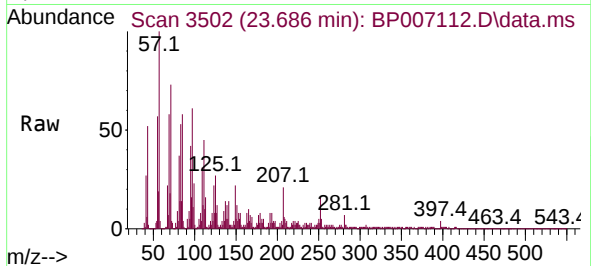
Tgt Ion: 252 Resp: 596285
Ion Ratio Lower Upper
252 100
253 31.7 17.5 26.3#
125 98.6 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 3.145 ng
RT: 23.686 min Scan# 3502
Delta R.T. 0.012 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09

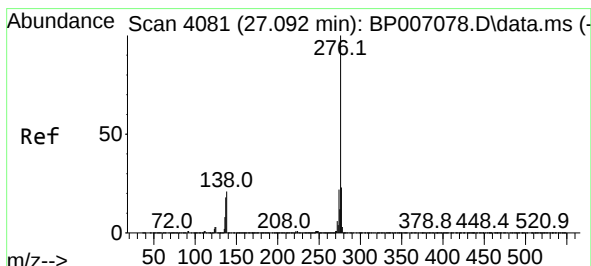
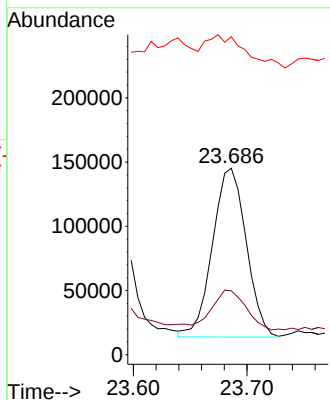
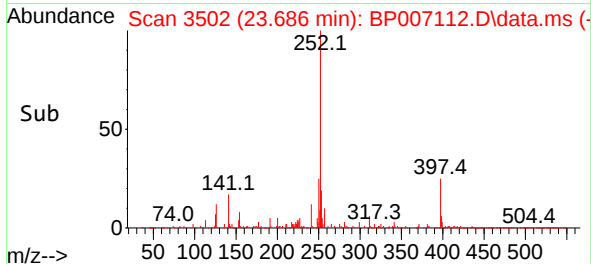
Instrument :
BNA_P
ClientSampled :
26240



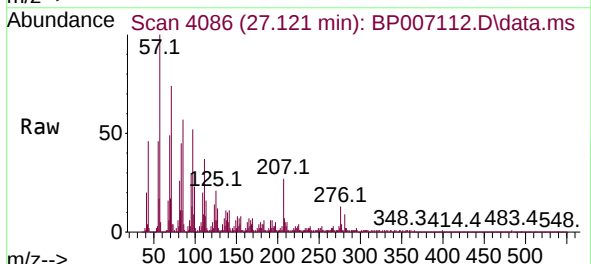
Tgt Ion:252 Resp: 271482
Ion Ratio Lower Upper
252 100
253 34.2 17.9 26.9#
125 170.5 6.5 9.7#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.219 ng
RT: 27.121 min Scan# 4086
Delta R.T. 0.030 min
Lab File: BP007112.D
Acq: 22 Sep 2021 23:09



Tgt Ion:276 Resp: 321739
Ion Ratio Lower Upper
276 100
277 29.8 18.9 28.3#
138 45.3 12.6 18.8#

