

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007249.D
 Acq On : 29 Sep 2021 17:04
 Operator : CG/JU
 Sample : M3972-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-092821

Manual Integrations
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Quant Time: Sep 29 18:43:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 29 14:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	225392	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	819977	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	522541	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1041283	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1016994	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	1117103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	222668	16.537	ng	0.00
7) Phenol-d6	7.052	99	334193	18.160	ng	0.00
23) Nitrobenzene-d5	9.040	82	154599	10.980	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	121305	17.906	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	493577	13.532	ng	0.00
79) Terphenyl-d14	19.816	244	606898	11.435	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.304	178	497907	8.918	ng	100
72) Anthracene	17.392	178	146096	2.675	ng	98
75) Fluoranthene	19.269	202	801548	12.461	ng	98
78) Pyrene	19.622	202	827964	12.409	ng	99
81) Benzo(a)anthracene	21.333	228	422710	6.403	ng	96
83) Chrysene	21.386	228	413410m	6.553	ng	
87) Indeno(1,2,3-cd)pyrene	26.274	276	267829	3.336	ng	99
88) Benzo(b)fluoranthene	23.022	252	488411	7.316	ng	# 94
89) Benzo(k)fluoranthene	23.063	252	179122m	2.650	ng	
90) Benzo(a)pyrene	23.651	252	409823	7.226	ng	# 94
92) Benzo(g,h,i)perylene	27.051	276	270166	4.115	ng	# 92

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

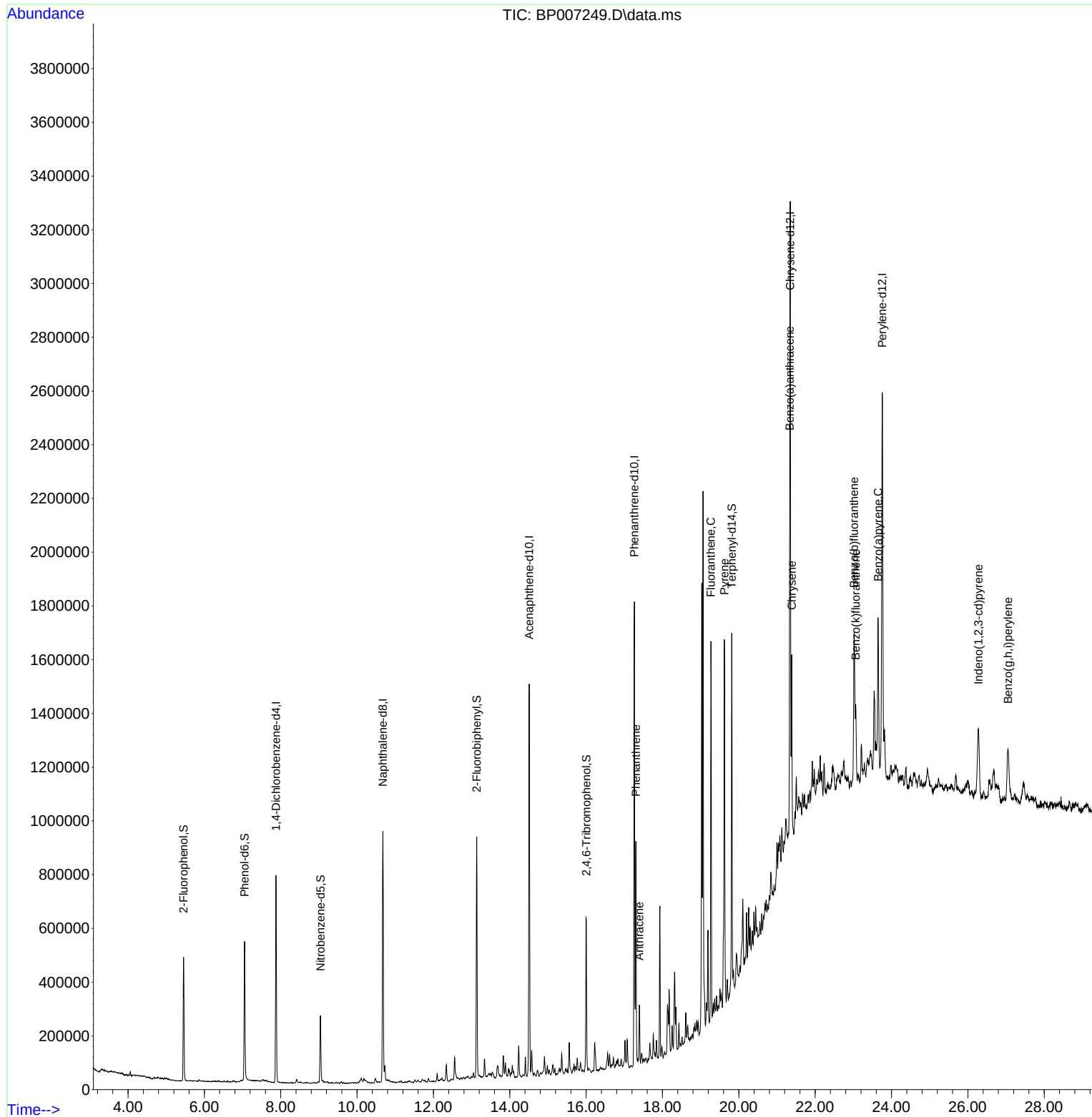
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Data File : BP007249.D
Acq On : 29 Sep 2021 17:04
Operator : CG/JU
Sample : M3972-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

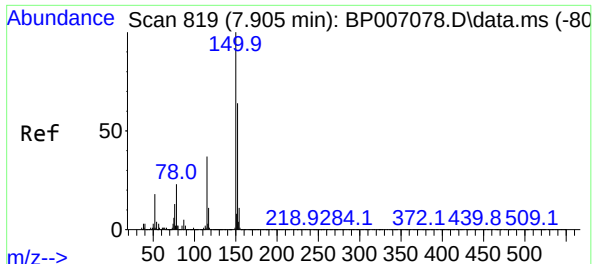
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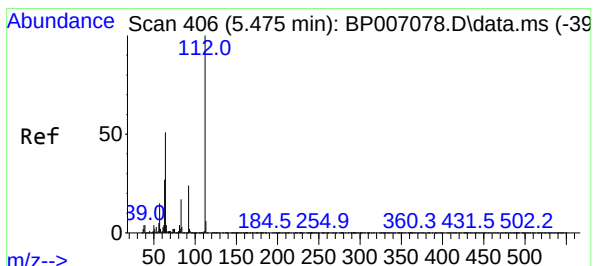
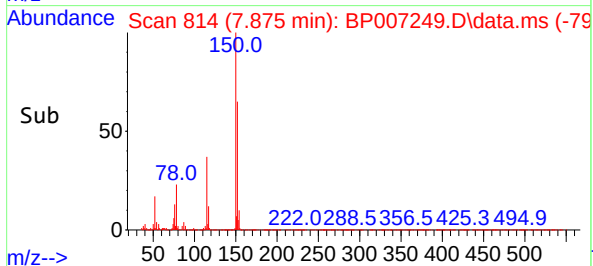
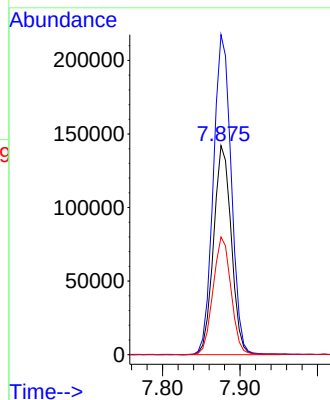
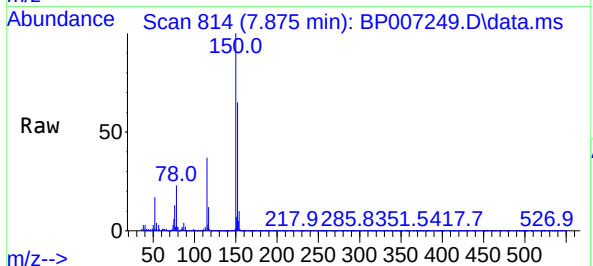
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

Tgt Ion:152 Resp: 225392
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 56.3 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
OK-03-092821

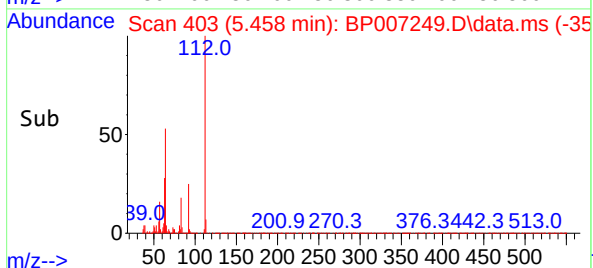
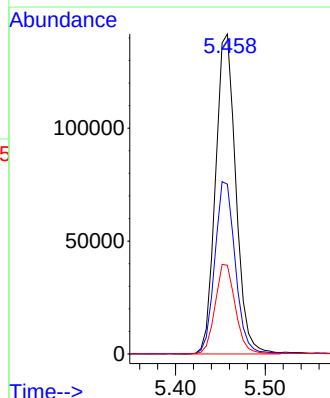
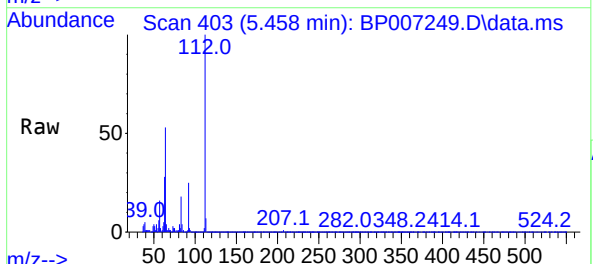
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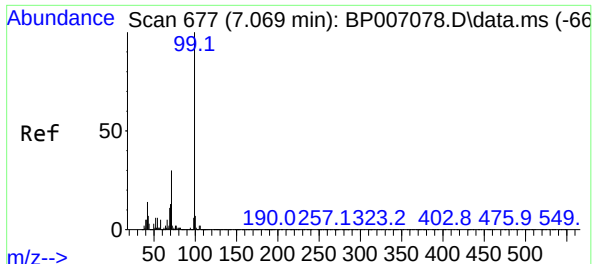
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#5
2-Fluorophenol
Concen: 16.537 ng
RT: 5.458 min Scan# 403
Delta R.T. 0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

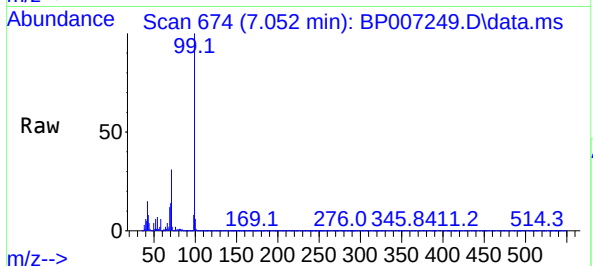
Tgt Ion:112 Resp: 222668
Ion Ratio Lower Upper
112 100
64 53.0 41.4 62.2
63 27.7 23.8 35.8





#7
Phenol-d6
Concen: 18.160 ng
RT: 7.052 min Scan# 674
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

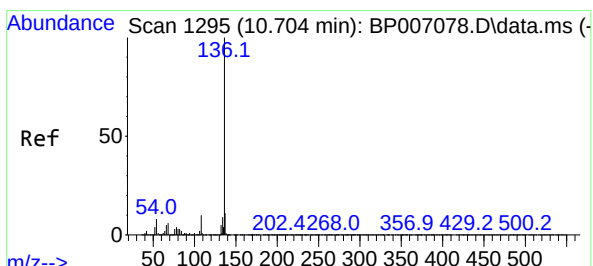
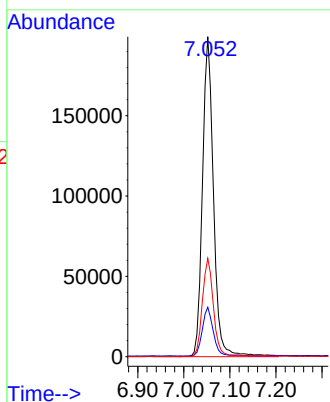
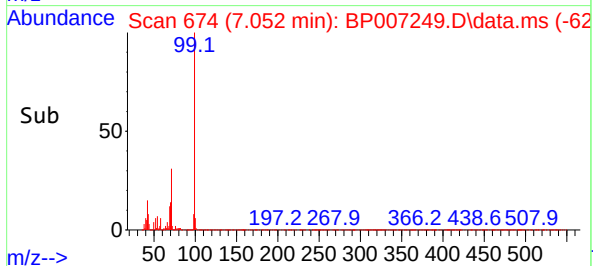
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BNA_P
ClientSampleId :
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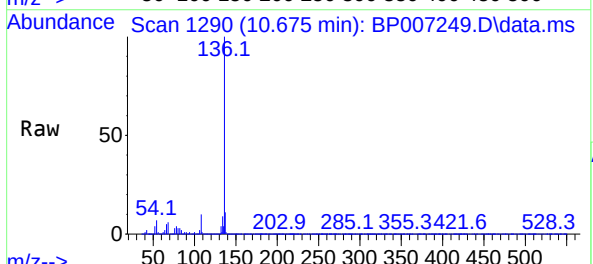
Tgt Ion: 99 Resp: 334193
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 30.7 30.6 46.0

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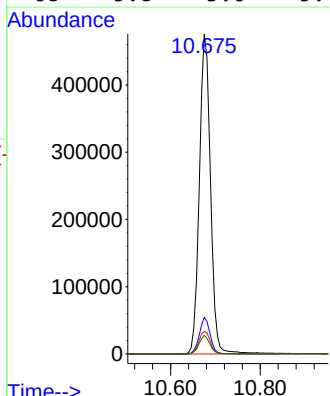
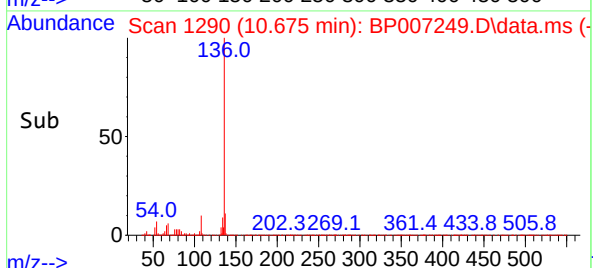
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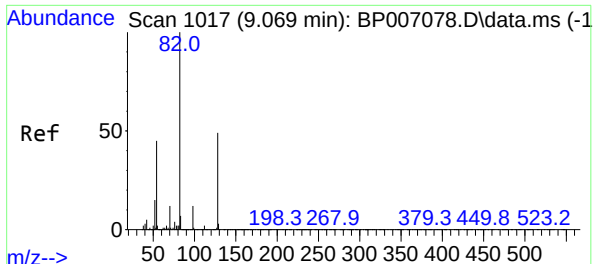


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04



Tgt Ion: 136 Resp: 819977
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 7.0 4.6 6.8#
68 5.8 3.6 5.4#





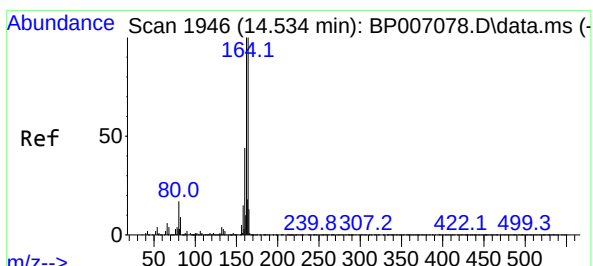
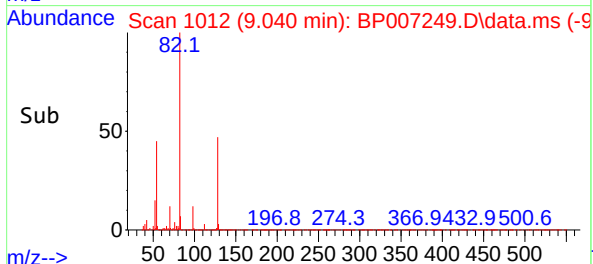
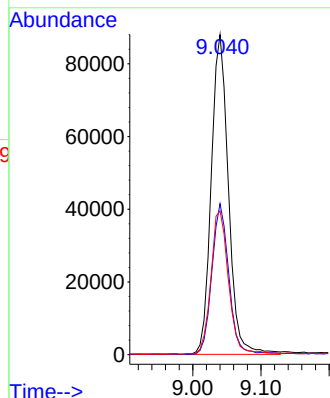
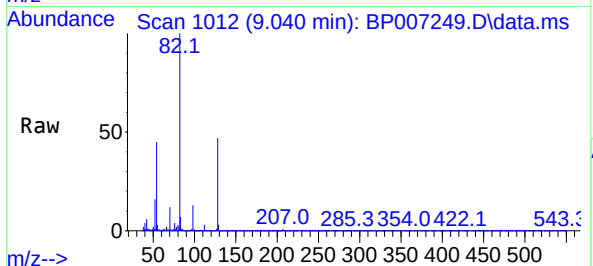
#23
Nitrobenzene-d5
Concen: 10.980 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

Tgt Ion: 82 Resp: 154599
Ion Ratio Lower Upper
82 100
128 47.2 35.7 53.5
54 44.9 35.0 52.4

Instrument :
BNA_P
ClientSampleId :
OK-03-092821

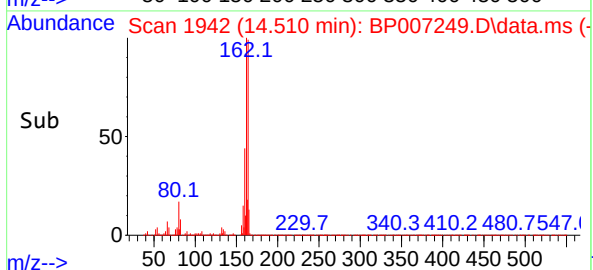
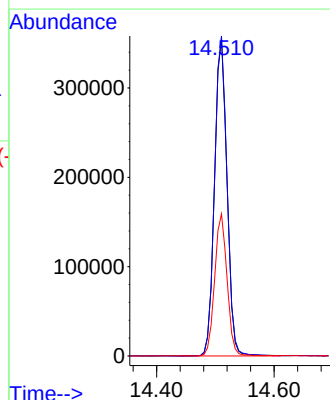
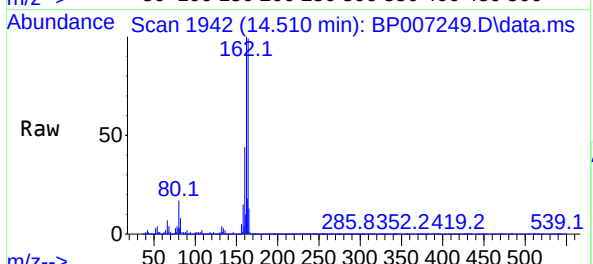
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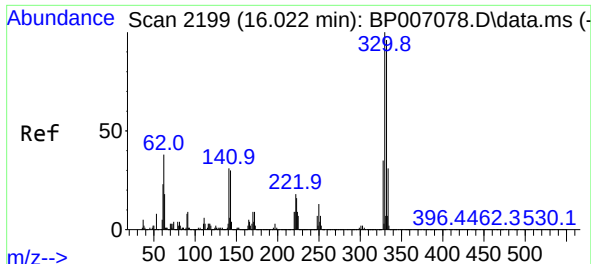
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

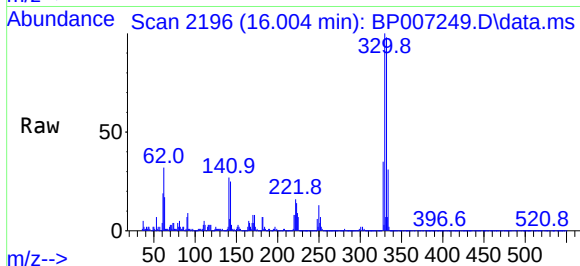
Tgt Ion: 164 Resp: 522541
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 44.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 17.906 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

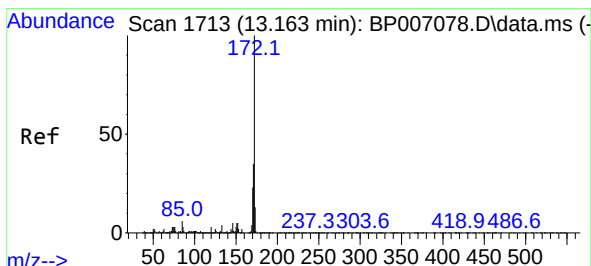
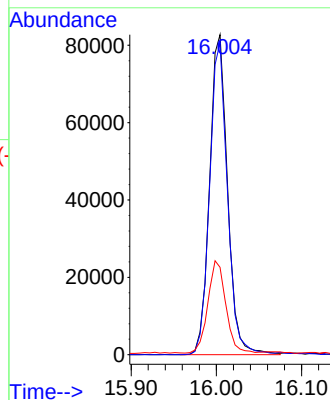
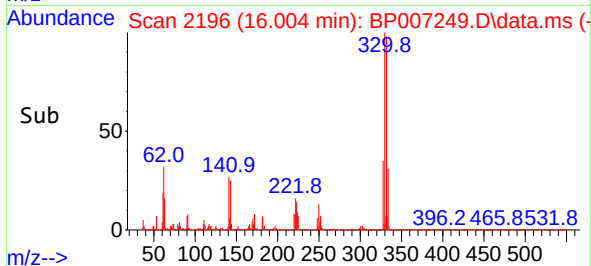
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OK-03-092821



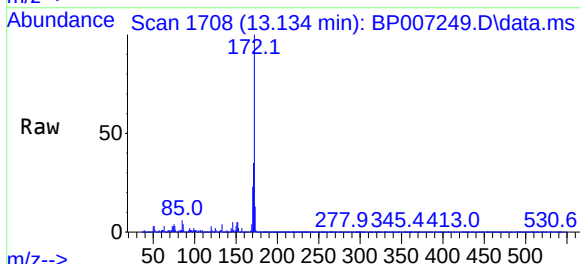
Tgt Ion:330 Resp: 121305
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 28.8 25.4 38.2

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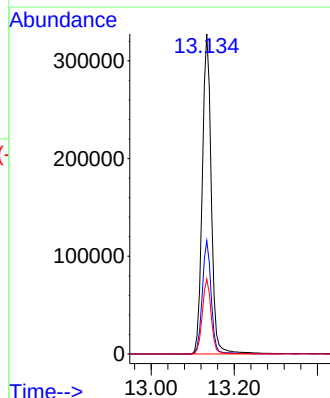
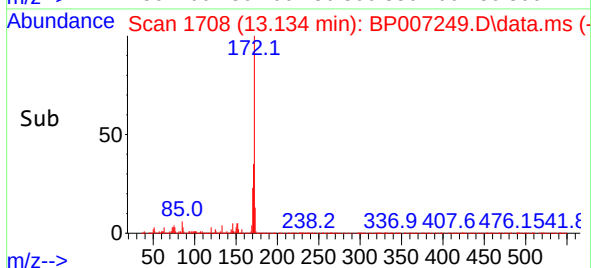
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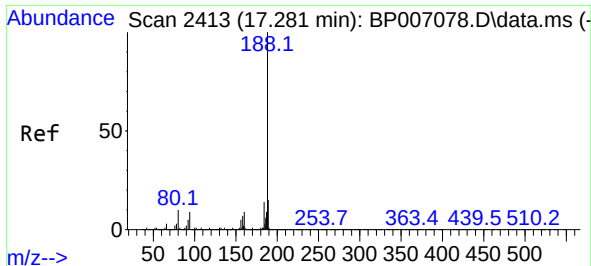


#45
2-Fluorobiphenyl
Concen: 13.532 ng
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04



Tgt Ion:172 Resp: 493577
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.4 18.6 27.8





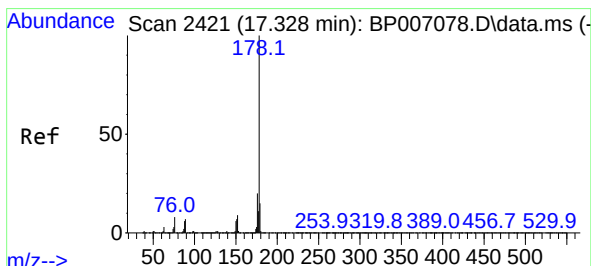
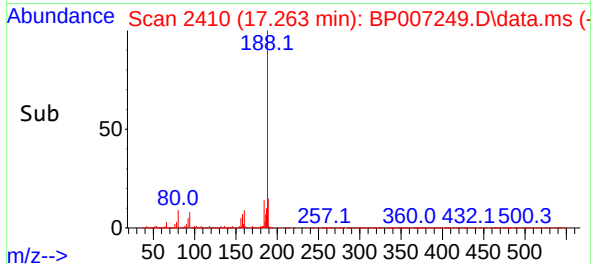
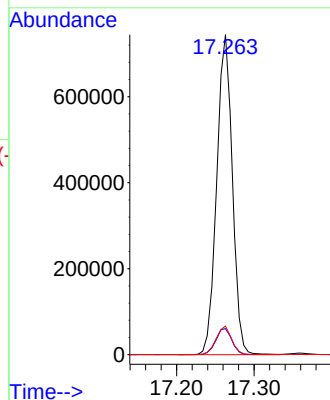
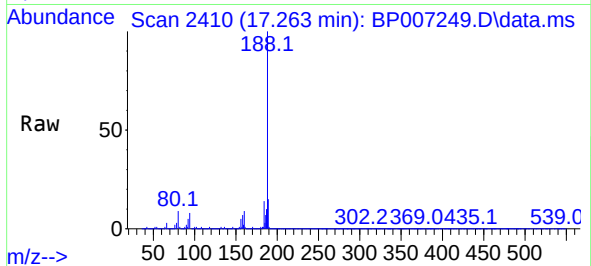
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

Instrument :
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ClientSampleId :
OK-03-092821

Tgt Ion:188 Resp: 1041283
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.9 6.3 9.5

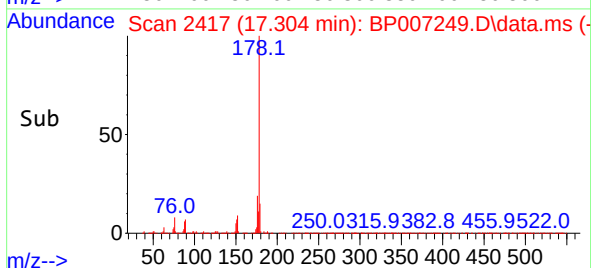
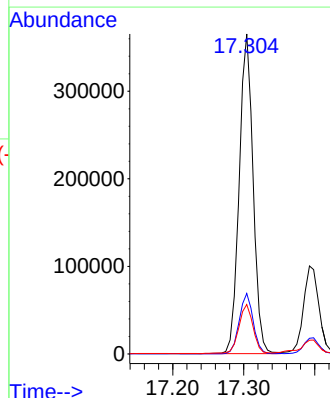
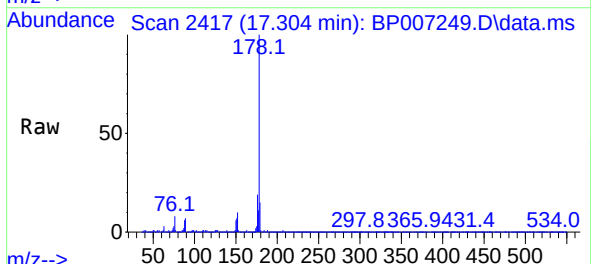
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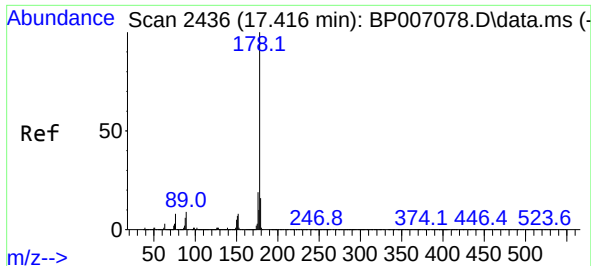
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#71
Phenanthrene
Concen: 8.918 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

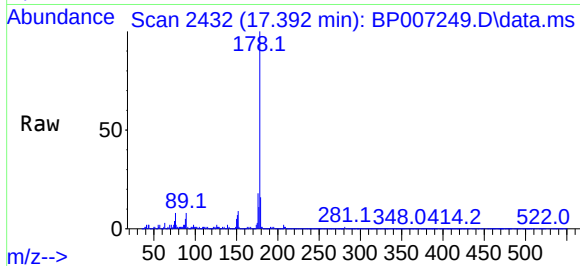
Tgt Ion:178 Resp: 497907
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.4 18.6





#72
 Anthracene
 Concen: 2.675 ng
 RT: 17.392 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BP007249.D
 Acq: 29 Sep 2021 17:04

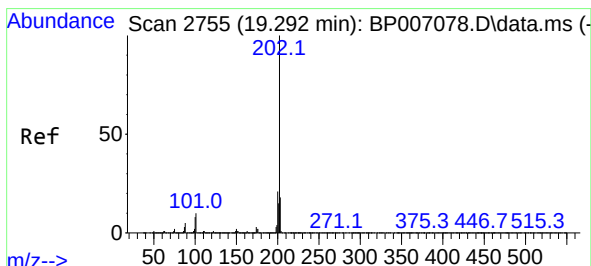
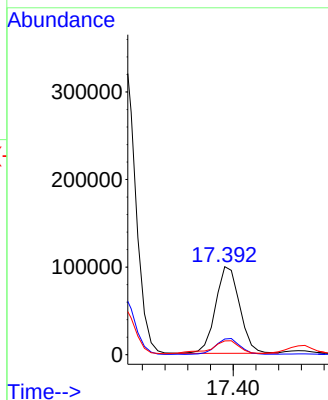
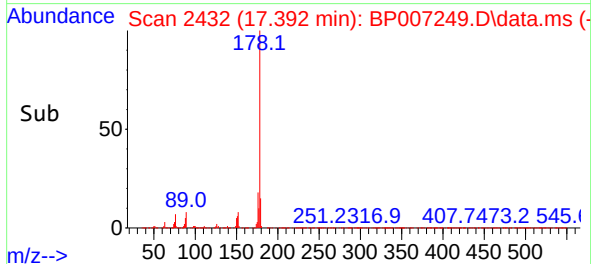
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 OK-03-092821



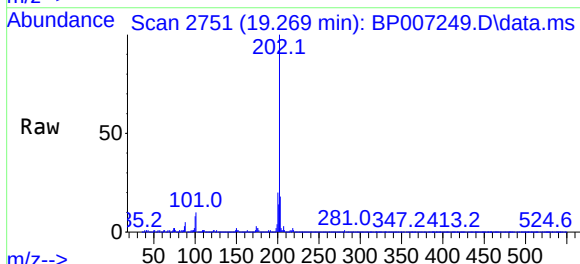
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 Ion Ratio Lower Upper
 178 100
 176 17.8 14.9 22.3
 179 15.7 12.2 18.2

Manual Integrations
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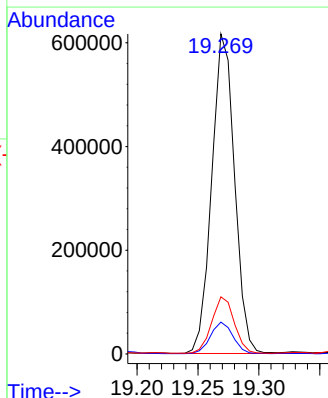
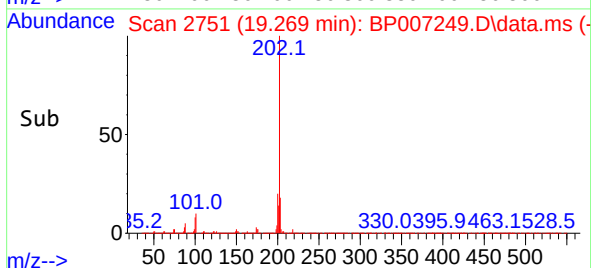
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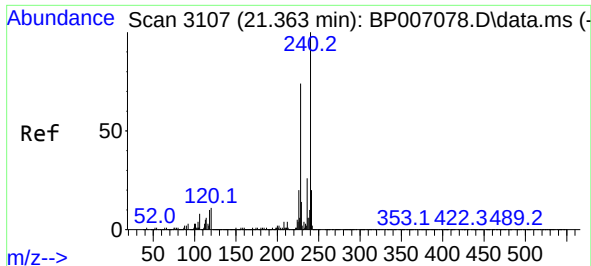


#75
 Fluoranthene
 Concen: 12.461 ng
 RT: 19.269 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BP007249.D
 Acq: 29 Sep 2021 17:04



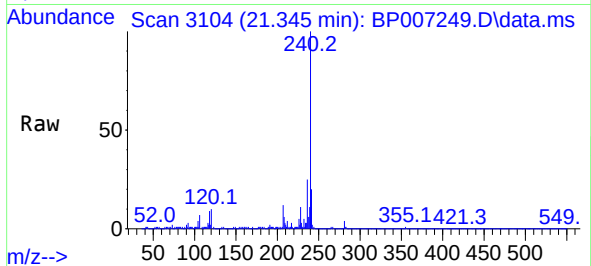
Tgt Ion:202 Resp: 801548
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 27.6
 203 17.8 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

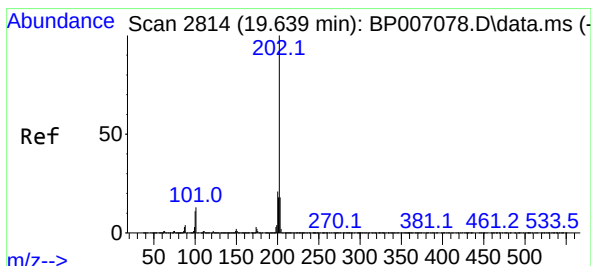
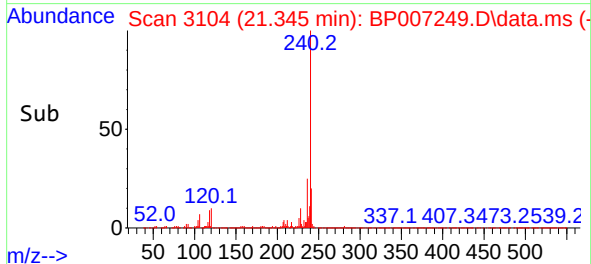
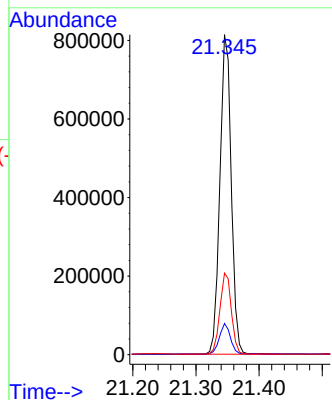
Instrument :
BNA_P
ClientSampleId :
OK-03-092821



Tgt Ion:240 Resp: 1016994
Ion Ratio Lower Upper
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120 9.7 6.5 9.7#
236 25.5 20.6 31.0

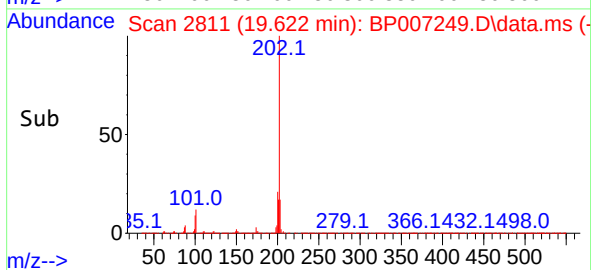
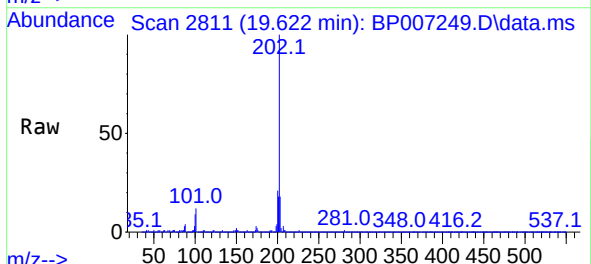
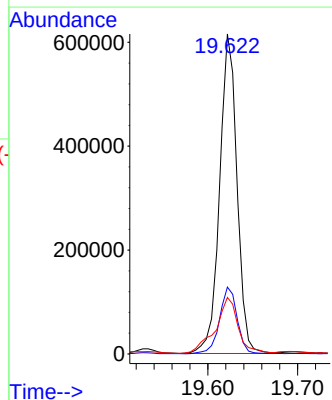
Manual Integrations
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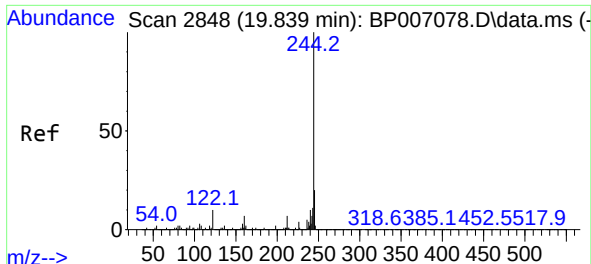
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#78
Pyrene
Concen: 12.409 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

Tgt Ion:202 Resp: 827964
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.7 14.2 21.2





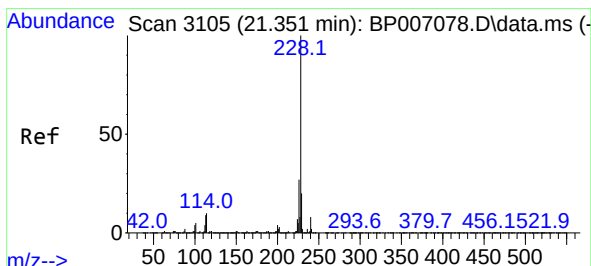
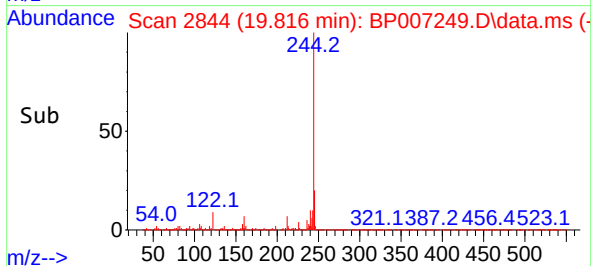
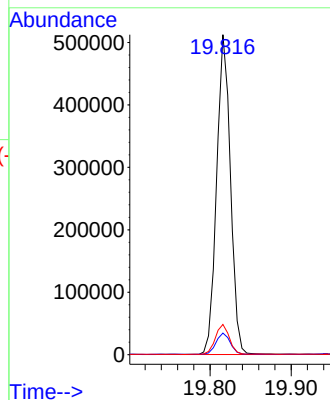
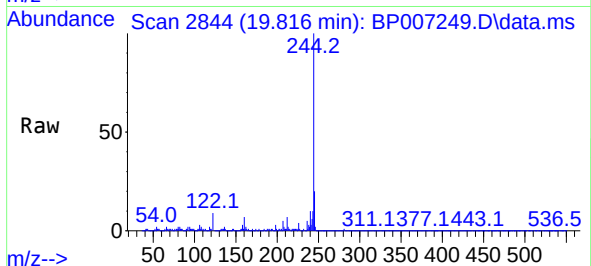
#79
Terphenyl-d14
Concen: 11.435 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

Tgt Ion:244 Resp: 606898
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 9.5 7.1 10.7

Instrument :
BNA_P
ClientSampleId :
OK-03-092821

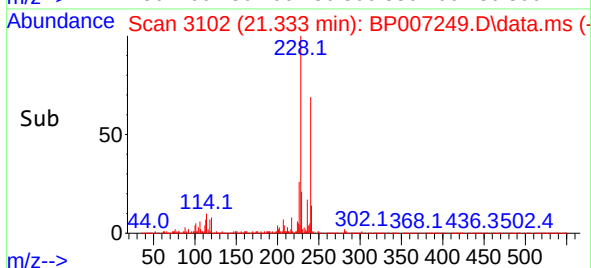
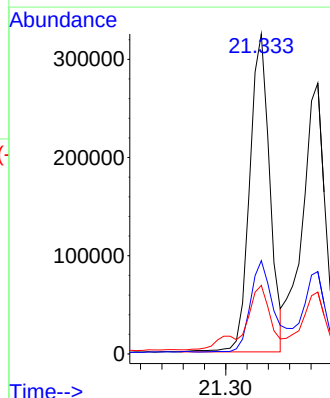
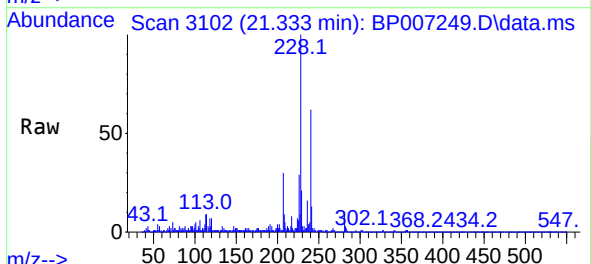
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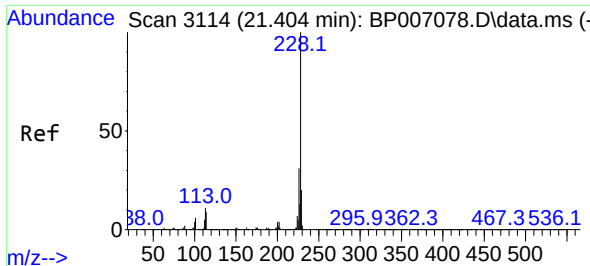
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#81
Benzo(a)anthracene
Concen: 6.403 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

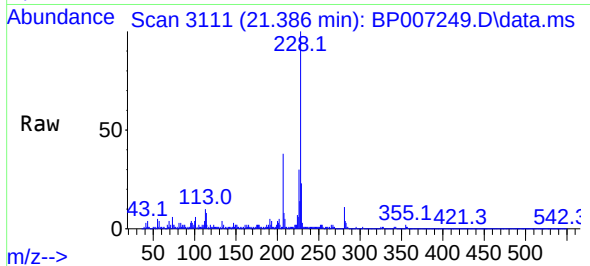
Tgt Ion:228 Resp: 422710
Ion Ratio Lower Upper
228 100
226 29.2 21.6 32.4
229 21.4 15.8 23.6





#83
Chrysene
Concen: 6.553 ng m
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

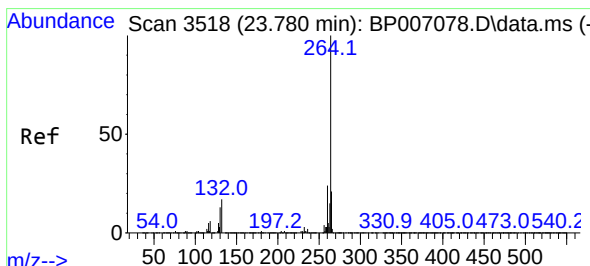
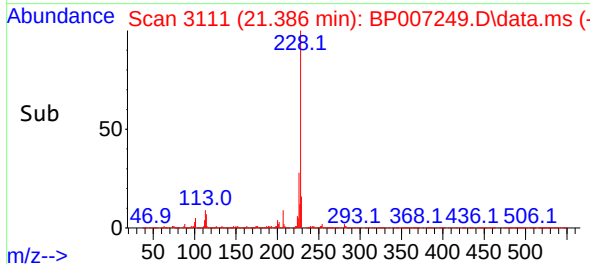
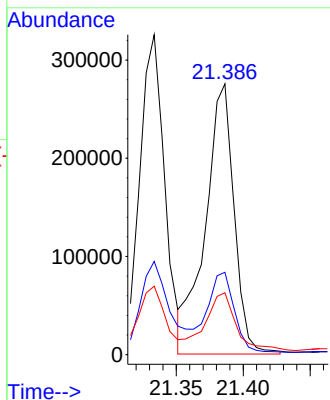
Instrument :
BNA_P
ClientSampleId :
OK-03-092821



Tgt Ion:228 Resp: 413410
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 22.8 15.4 23.2

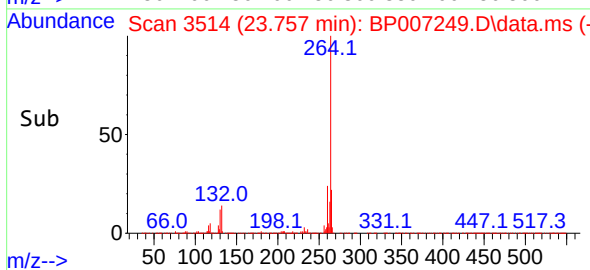
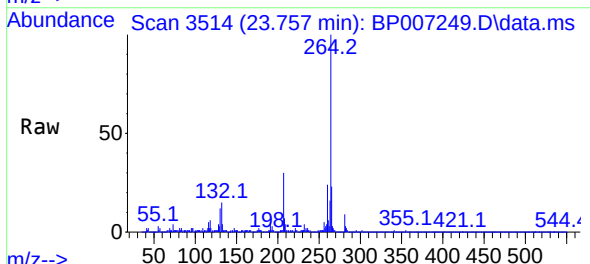
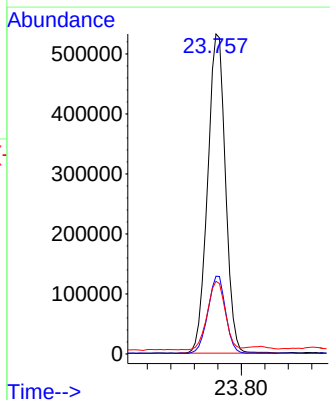
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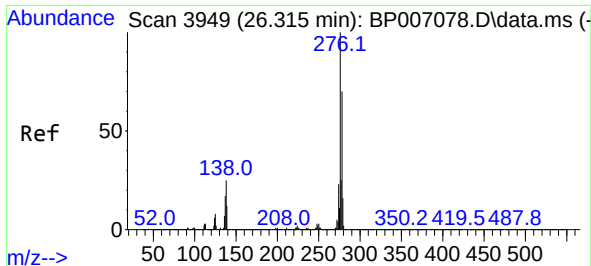
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

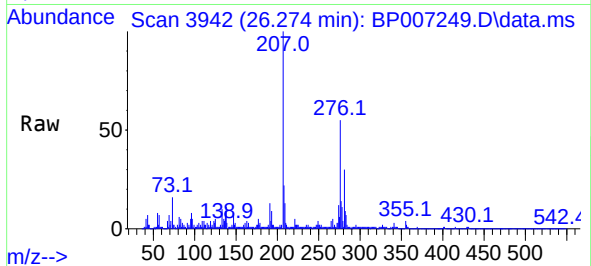
Tgt Ion:264 Resp: 1117103
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.7 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.336 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.023 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

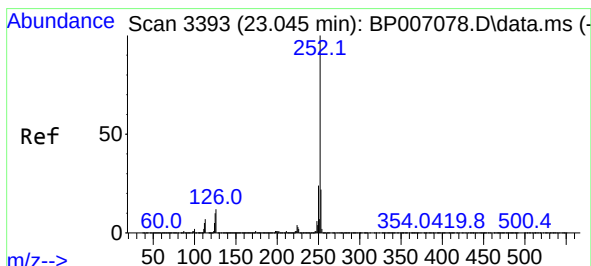
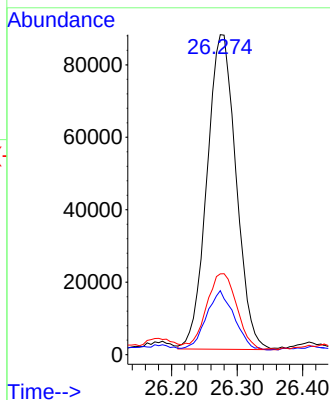
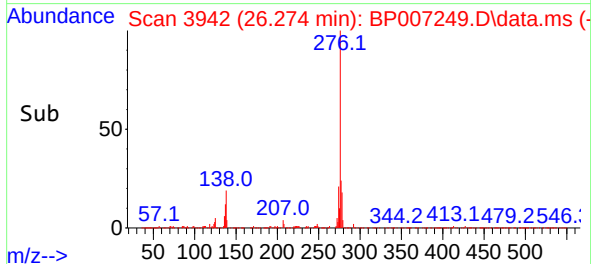
Instrument :
BNA_P
ClientSampleId :
OK-03-092821



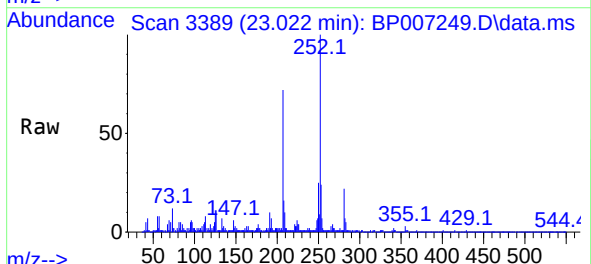
Tgt Ion: 276 Resp: 267829
Ion Ratio Lower Upper
276 100
138 18.3 15.3 22.9
277 25.1 20.4 30.6

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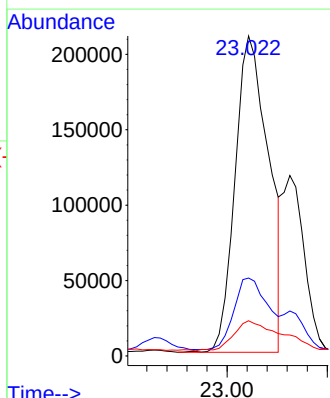
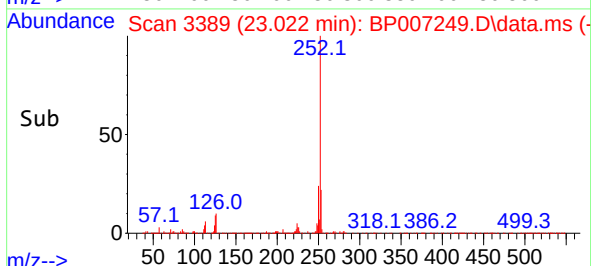
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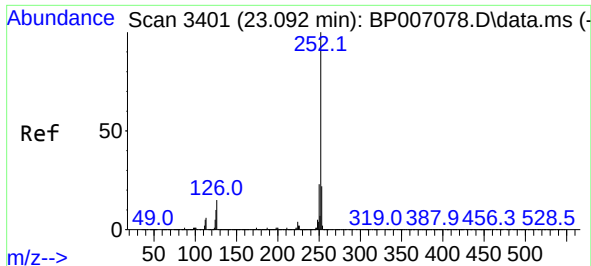


#88
Benzo(b)fluoranthene
Concen: 7.316 ng
RT: 23.022 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04



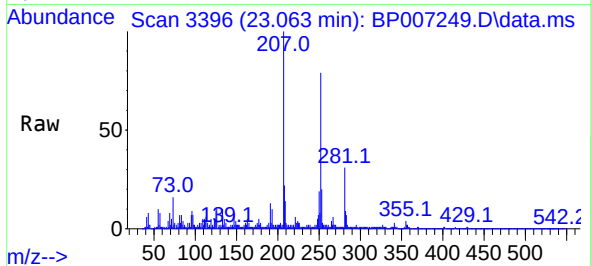
Tgt Ion: 252 Resp: 488411
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 11.0 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 2.650 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

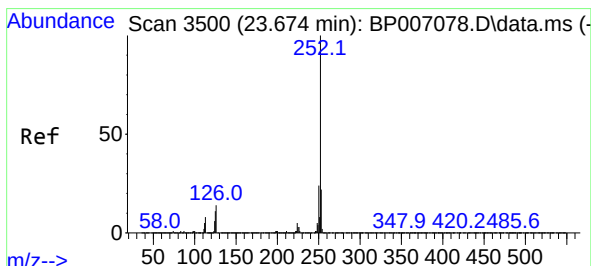
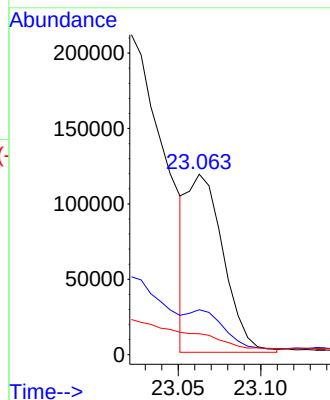
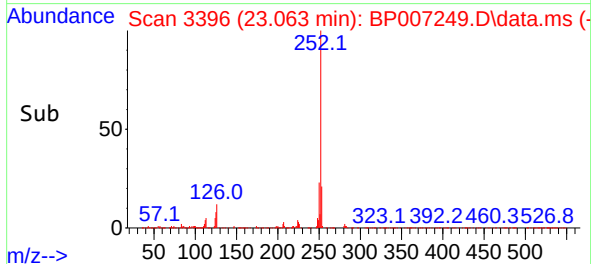
Instrument :
BNA_P
ClientSampleId :
OK-03-092821



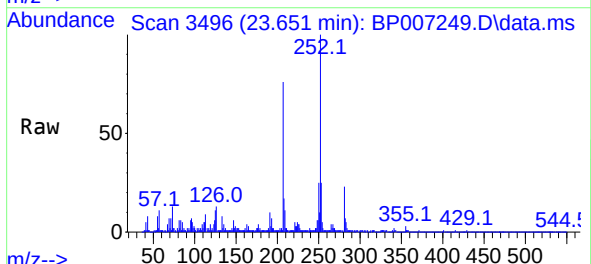
Tgt Ion:252 Resp: 179122
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 11.6 6.0 9.0#

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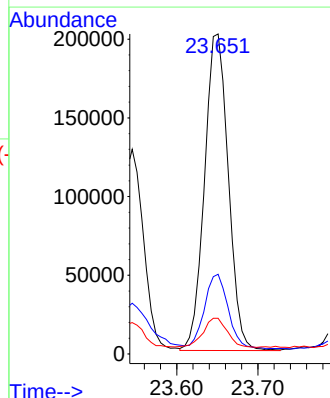
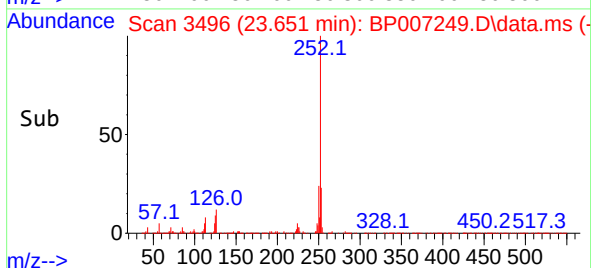
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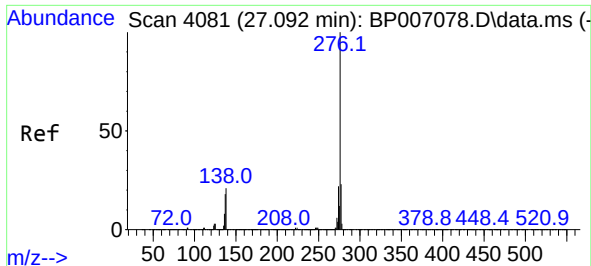


#90
Benzo(a)pyrene
Concen: 7.226 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04



Tgt Ion:252 Resp: 409823
Ion Ratio Lower Upper
252 100
253 24.9 17.9 26.9
125 11.2 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 4.115 ng
RT: 27.051 min Scan# 4074
Delta R.T. -0.018 min
Lab File: BP007249.D
Acq: 29 Sep 2021 17:04

Tgt Ion: 276 Resp: 270166
Ion Ratio Lower Upper
276 100
277 26.2 18.9 28.3
138 20.6 12.6 18.8#

Instrument :
BNA_P
ClientSampleId :
OK-03-092821

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