

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007342.D
 Acq On : 06 Oct 2021 00:37
 Operator : CG/JU
 Sample : M4060-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-100421

Manual Integrations
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mohammad
 10/8/2021 8:33:06 AM

Quant Time: Oct 06 05:28:09 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	147402	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	567370	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	342689	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	717740	20.00	ng	0.00
76) Chrysene-d12	21.333	240	787017	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	859150	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1384001	157.17	ng	-0.01
7) Phenol-d6	7.040	99	1667732	138.57	ng	-0.01
23) Nitrobenzene-d5	9.022	82	990466	101.66	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	675838	152.12	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2411985	100.83	ng	-0.01
79) Terphenyl-d14	19.804	244	3882846	94.54	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.257	202	149540	3.37	ng	97
78) Pyrene	19.610	202	161006	3.12	ng	99
81) Benzo(a)anthracene	21.316	228	104122	2.04	ng	94
83) Chrysene	21.369	228	116885m	2.39	ng	
88) Benzo(b)fluoranthene	22.998	252	142651	2.78	ng	# 85
90) Benzo(a)pyrene	23.627	252	94320	2.16	ng	# 85

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

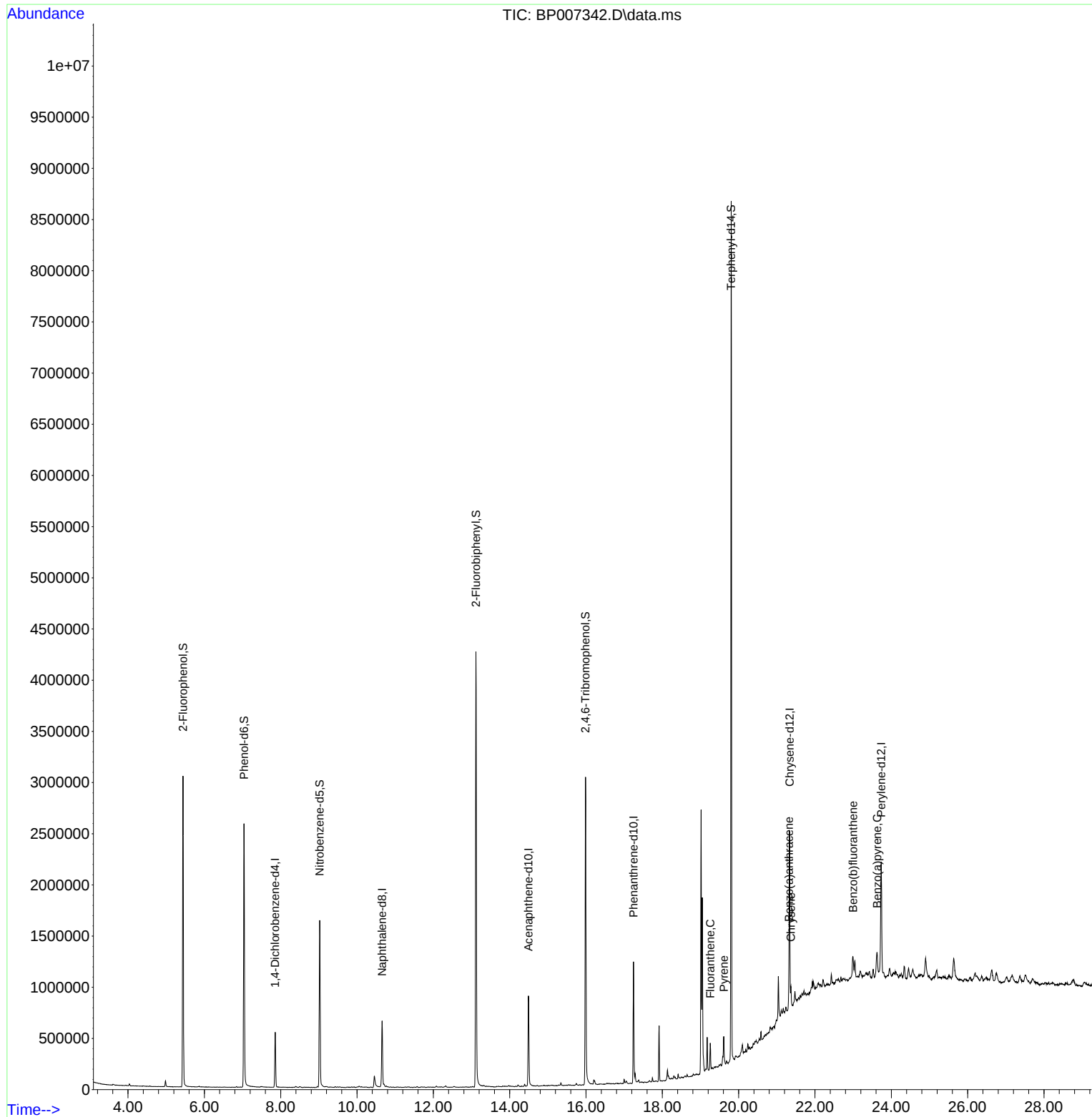
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Data File : BP007342.D
Acq On : 06 Oct 2021 00:37
Operator : CG/JU
Sample : M4060-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

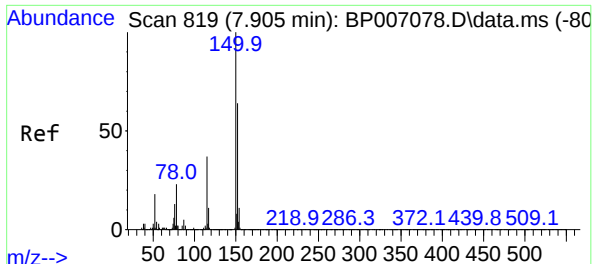
Instrument :
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ClientSampleId :
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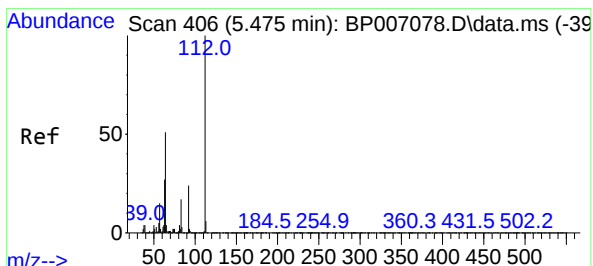
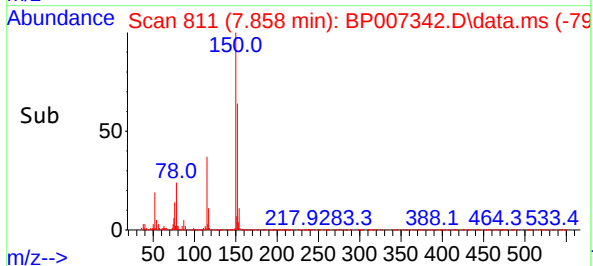
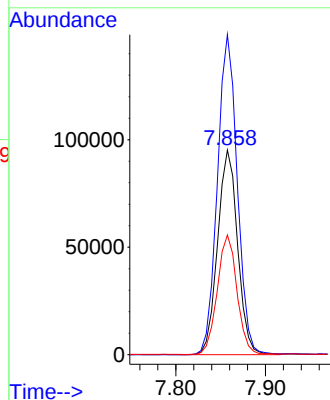
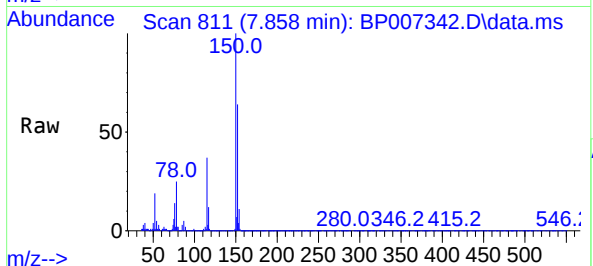
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:152 Resp: 147402
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 58.5 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
TR-05-100421

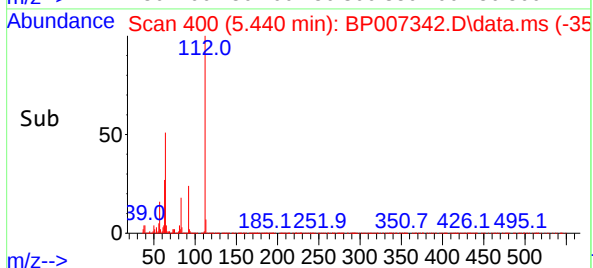
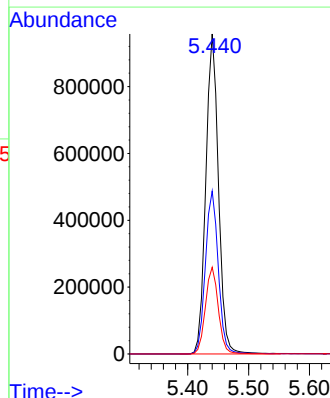
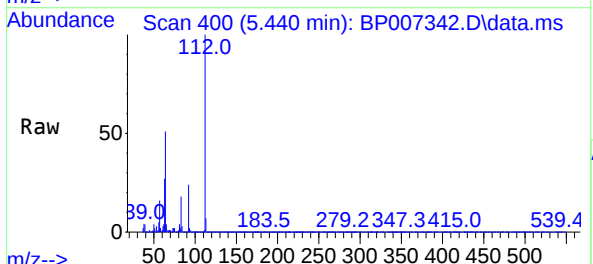
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#5
2-Fluorophenol
Concen: 157.17 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

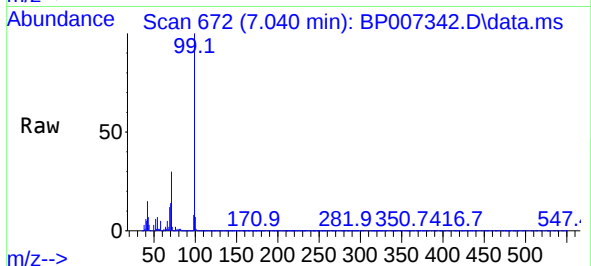
Tgt Ion:112 Resp: 1384001
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 27.1 23.8 35.8





#7
Phenol-d6
Concen: 138.57 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

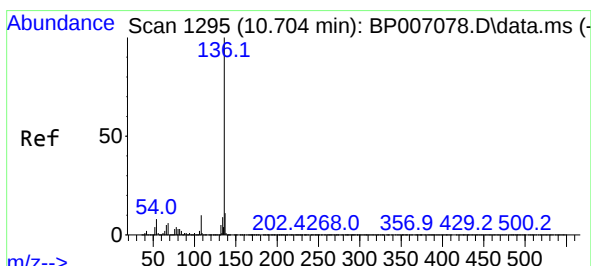
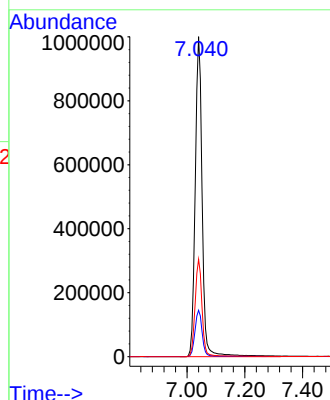
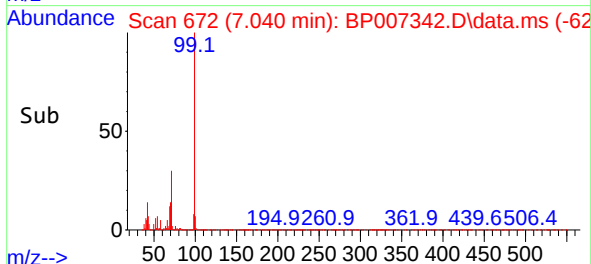
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BNA_P
ClientSampleId :
TR-05-100421



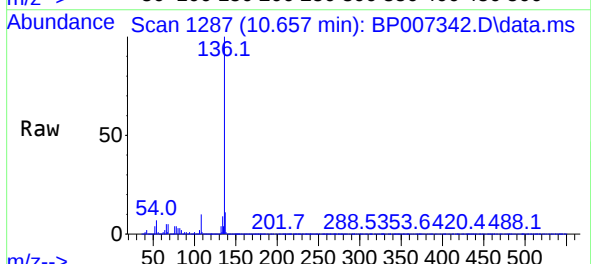
Tgt Ion: 99 Resp: 1667732
Ion Ratio Lower Upper
99 100
42 14.5 13.4 20.0
71 30.4 30.6 46.0#

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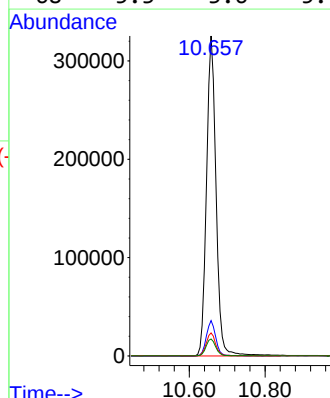
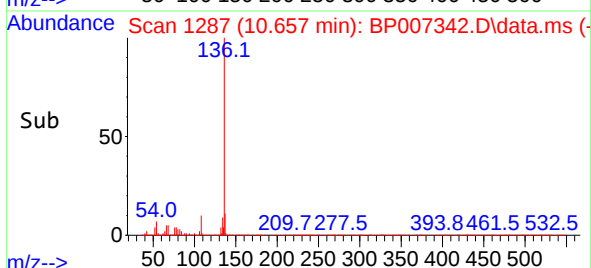
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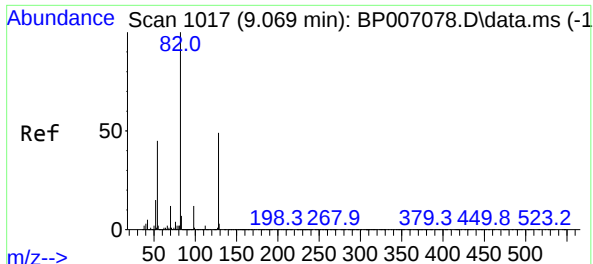


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37



Tgt Ion: 136 Resp: 567370
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 5.3 3.6 5.4





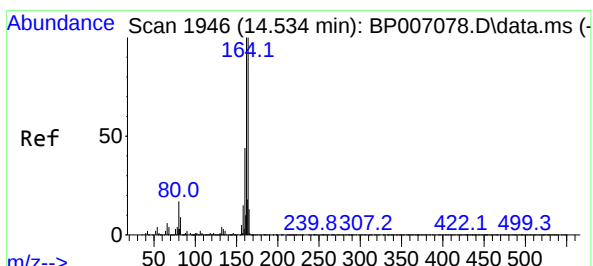
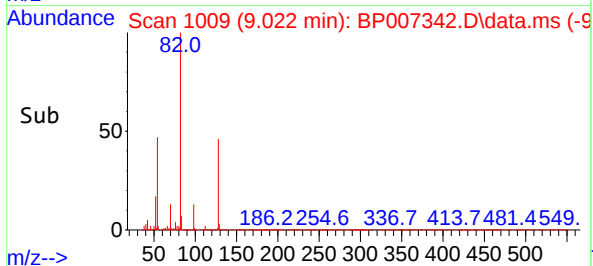
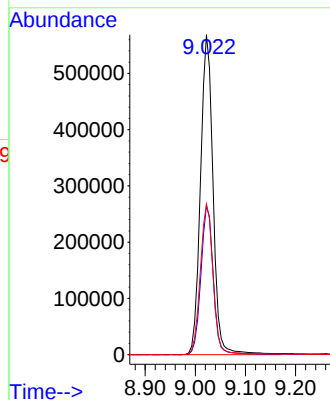
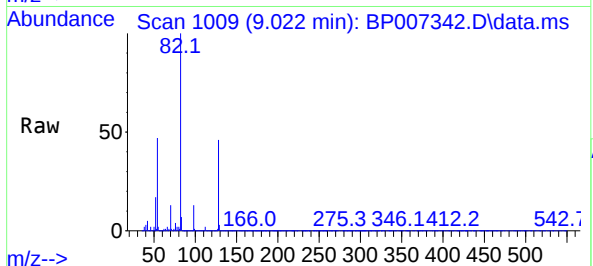
#23
Nitrobenzene-d5
Concen: 101.66 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion: 82 Resp: 990466
Ion Ratio Lower Upper
82 100
128 46.5 35.7 53.5
54 47.1 35.0 52.4

Instrument :
BNA_P
ClientSampleId :
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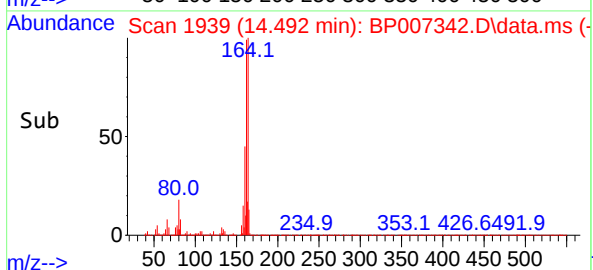
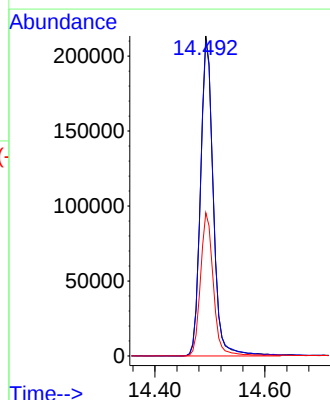
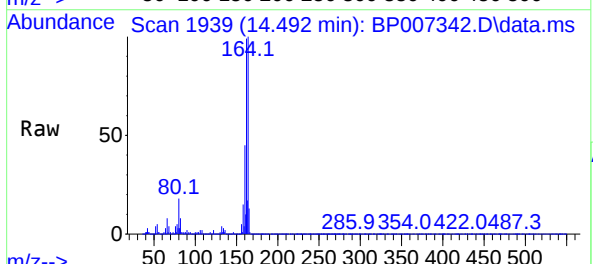
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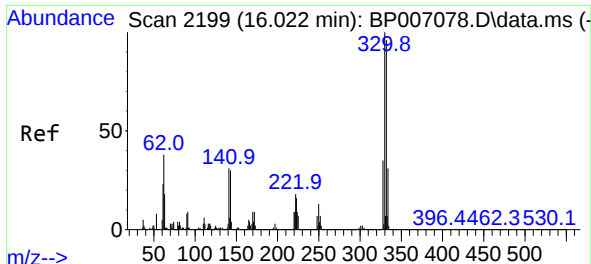
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion: 164 Resp: 342689
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.2
160 44.8 34.5 51.7





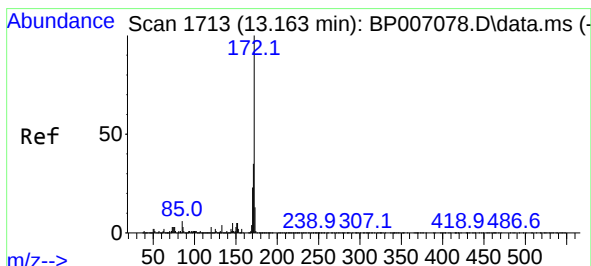
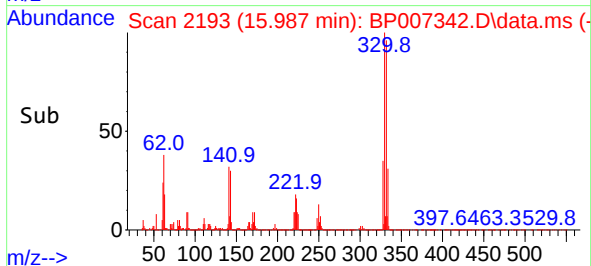
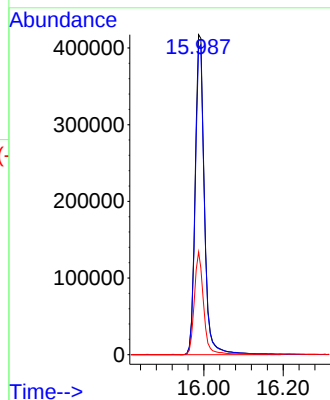
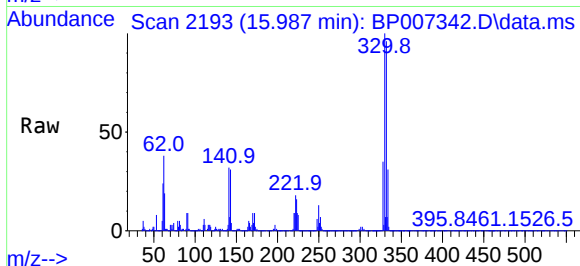
#42
2,4,6-Tribromophenol
Concen: 152.12 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion: 330 Resp: 675838
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 31.7 25.4 38.2

Instrument :
BNA_P
ClientSampleId :
TR-05-100421

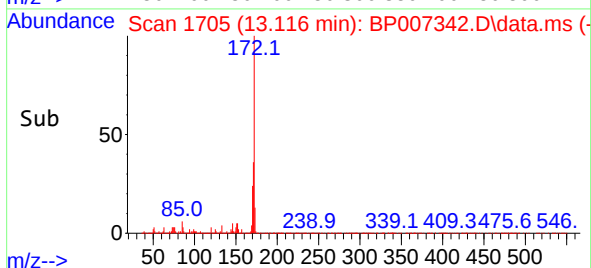
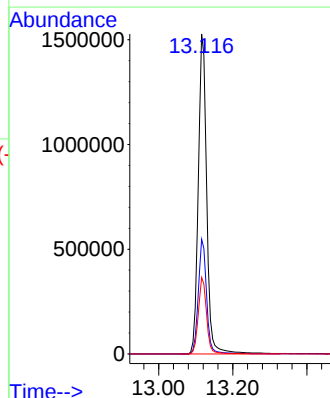
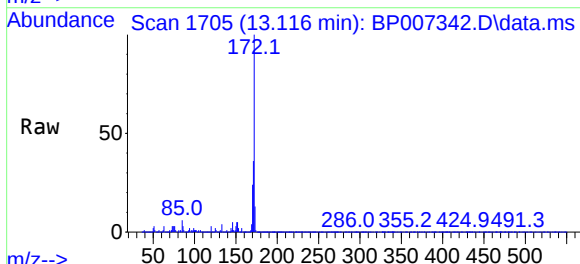
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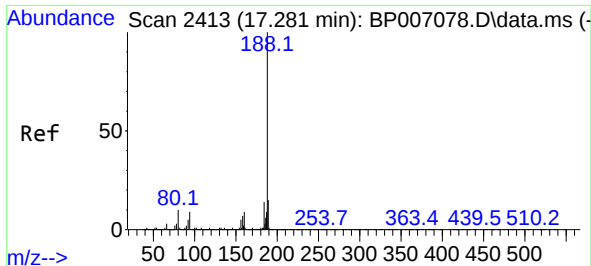
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#45
2-Fluorobiphenyl
Concen: 100.83 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion: 172 Resp: 2411985
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.9 18.6 27.8





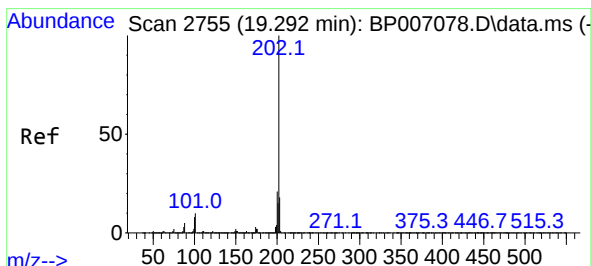
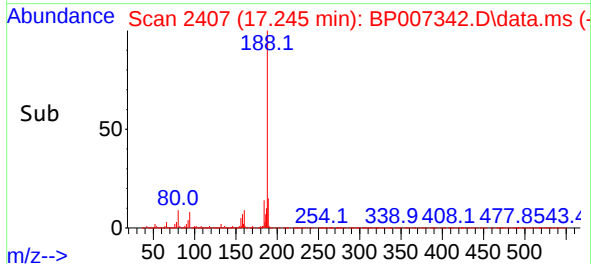
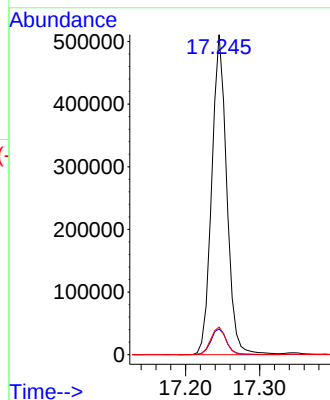
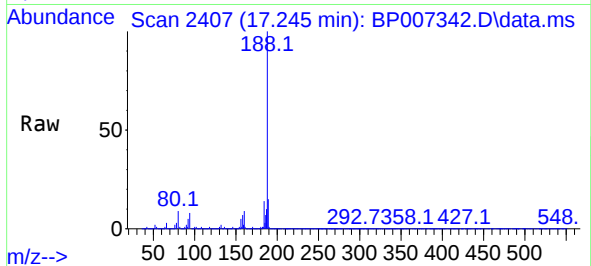
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:188 Resp: 717740
Ion Ratio Lower Upper
188 100
94 8.1 5.6 8.4
80 8.6 6.3 9.5

Instrument :
BNA_P
ClientSampleId :
TR-05-100421

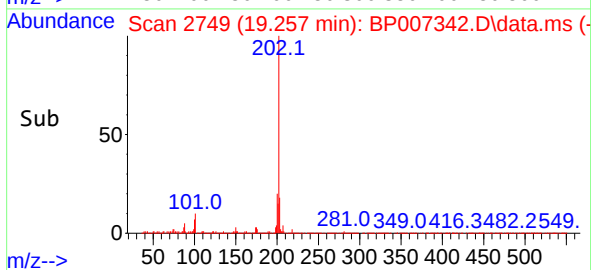
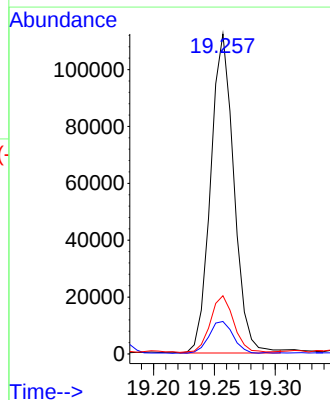
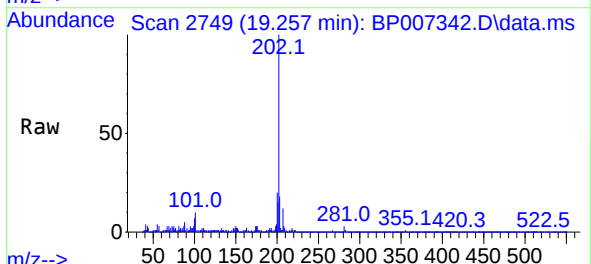
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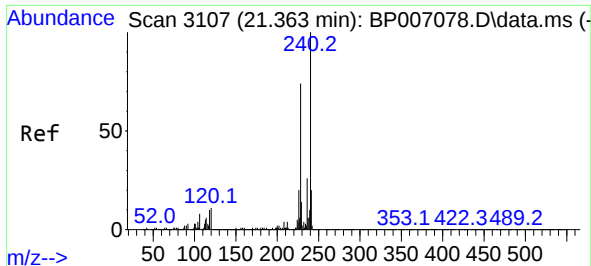
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#75
Fluoranthene
Concen: 3.37 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:202 Resp: 149540
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 18.2 0.0 37.8





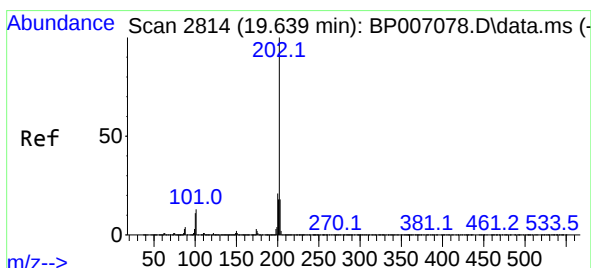
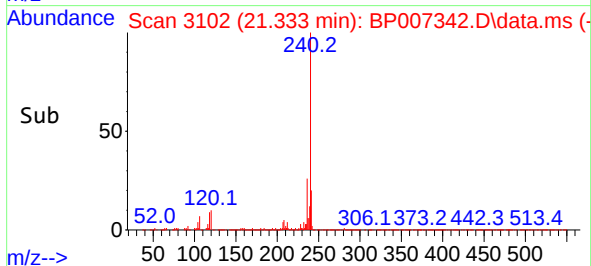
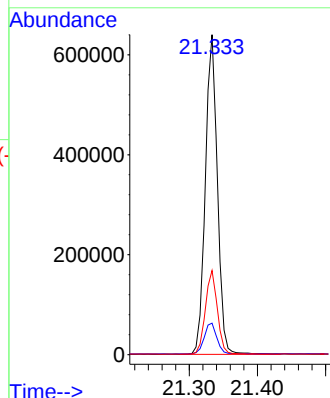
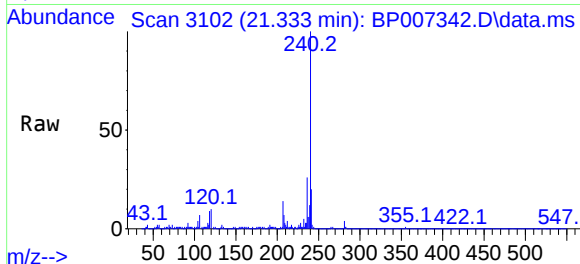
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion: 240 Resp: 787017
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.3 20.6 31.0

Instrument :
BNA_P
ClientSampleId :
TR-05-100421

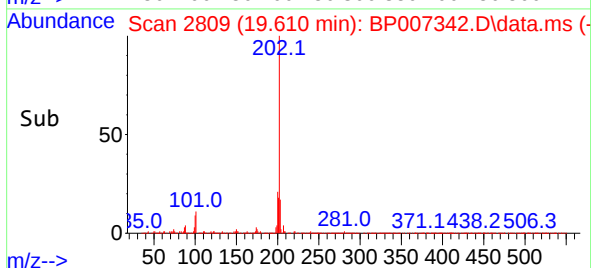
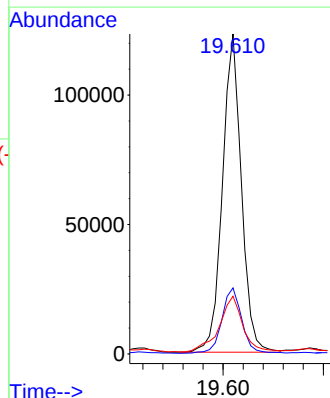
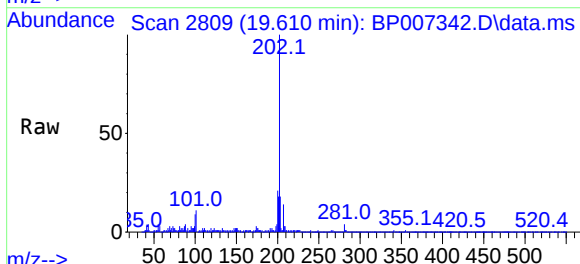
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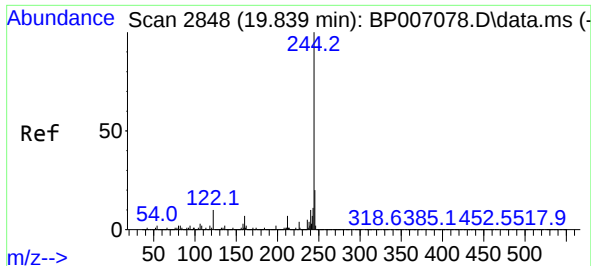
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#78
Pyrene
Concen: 3.12 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

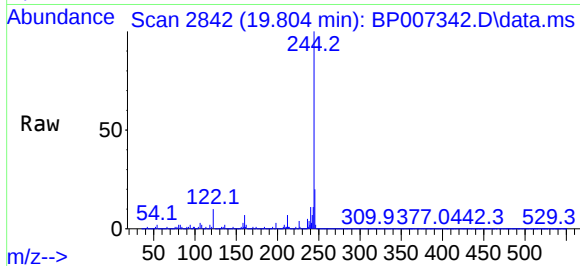
Tgt Ion: 202 Resp: 161006
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 94.54 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

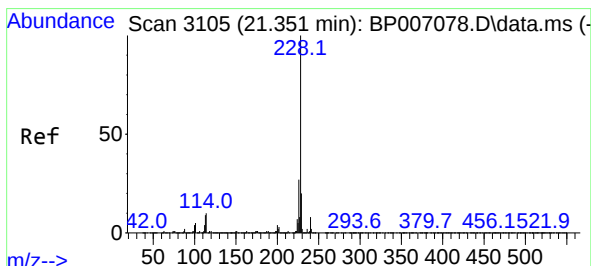
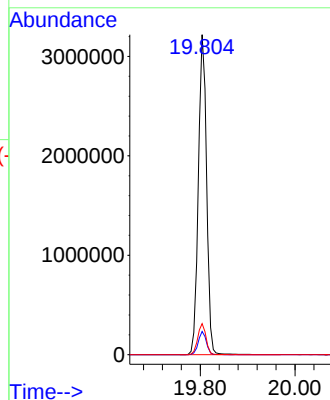
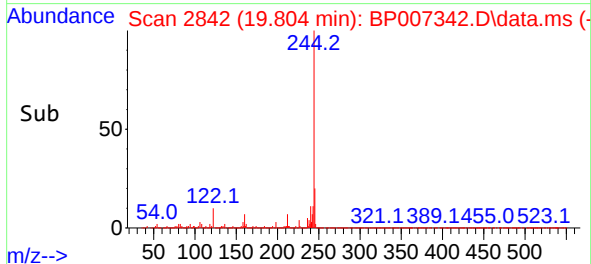
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TR-05-100421



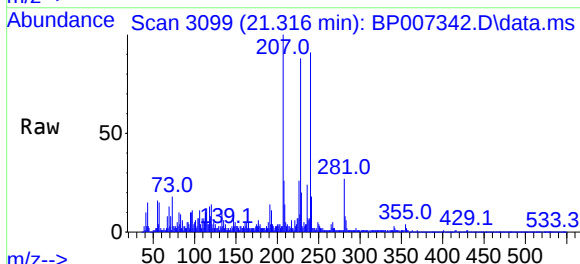
Tgt Ion:244 Resp: 3882846
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.7 7.1 10.7

Manual Integrations
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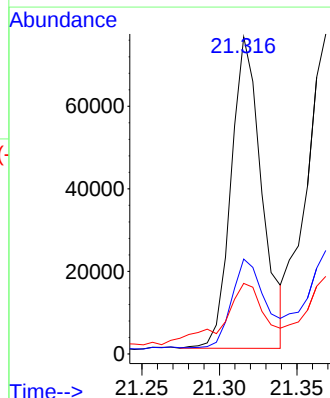
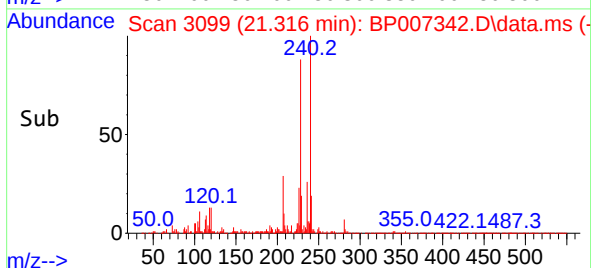
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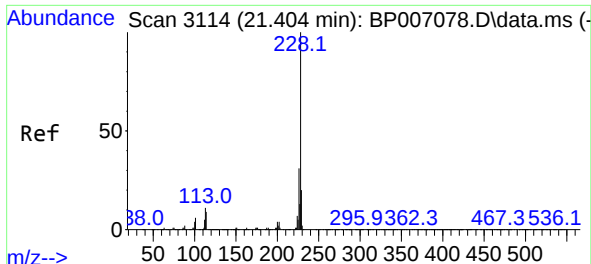


#81
Benzo(a)anthracene
Concen: 2.04 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37



Tgt Ion:228 Resp: 104122
Ion Ratio Lower Upper
228 100
226 29.9 21.6 32.4
229 22.3 15.8 23.6





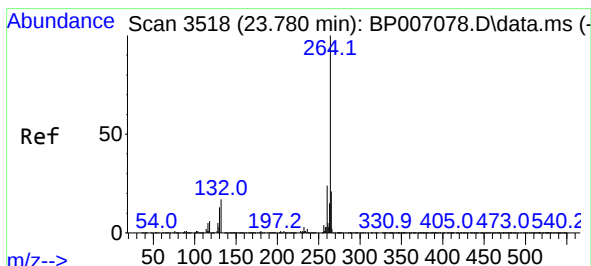
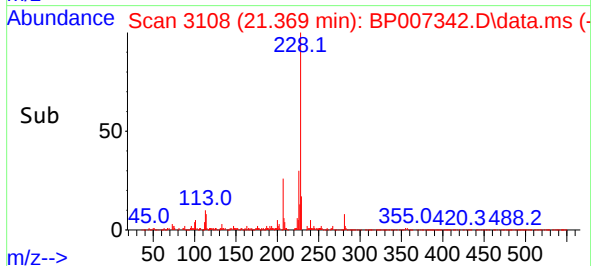
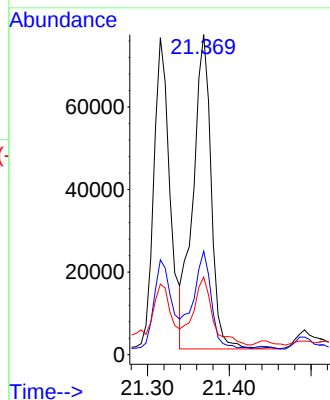
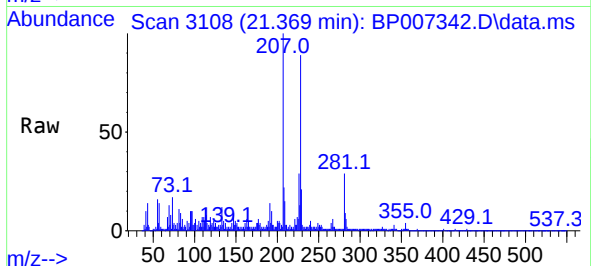
#83
Chrysene
Concen: 2.39 ng m
RT: 21.369 min Scan# 3108
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:228 Resp: 116885
Ion Ratio Lower Upper
228 100
226 32.3 23.8 35.6
229 24.3 15.4 23.2#

Instrument :
BNA_P
ClientSampleId :
TR-05-100421

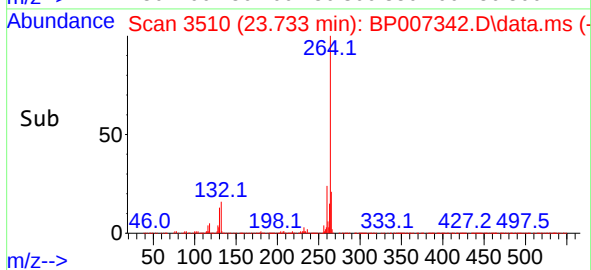
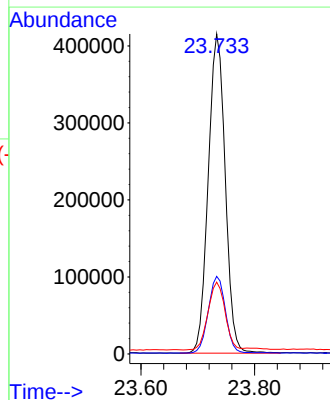
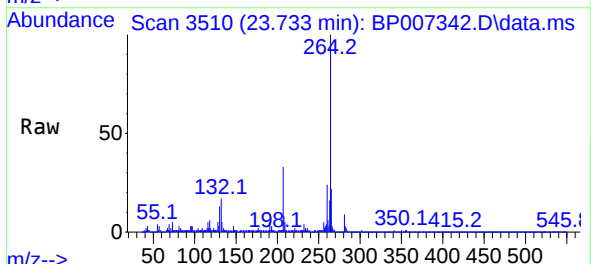
Manual Integrations
APPROVED

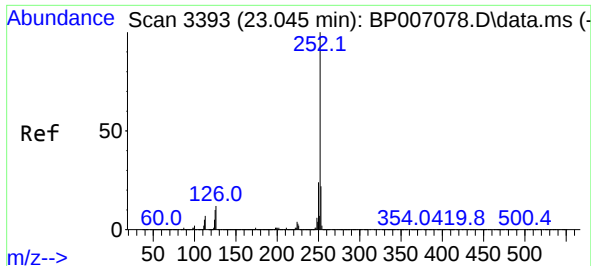
mohammad
10/8/2021 8:33:06 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:264 Resp: 859150
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 22.5 17.6 26.4



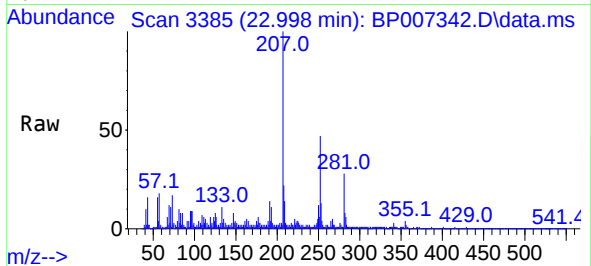


#88
Benzo(b)fluoranthene
Concen: 2.78 ng
RT: 22.998 min Scan# 3385
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

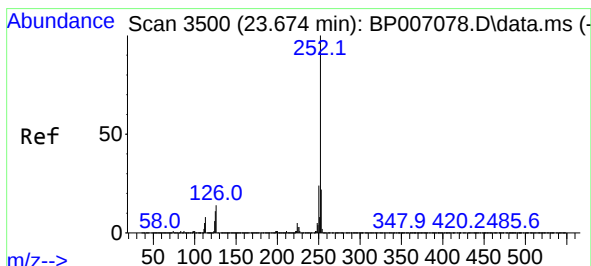
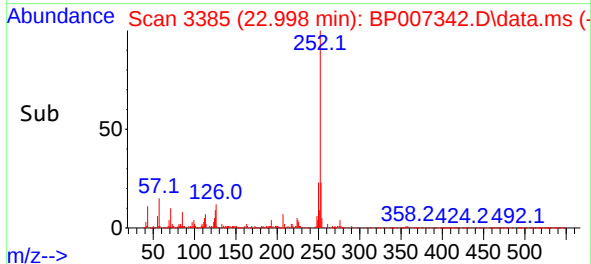
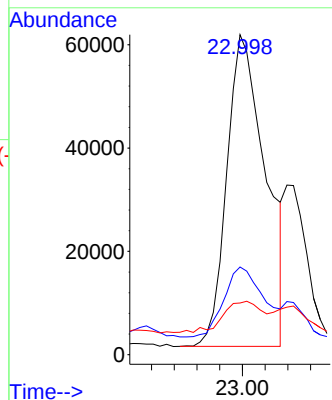
Instrument :
BNA_P
ClientSampleId :
TR-05-100421

Manual Integrations
APPROVED

mohammad
10/8/2021 8:33:06 AM



Tgt Ion:252 Resp: 142651
Ion Ratio Lower Upper
252 100
253 27.4 17.5 26.3#
125 16.2 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 2.16 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.011 min
Lab File: BP007342.D
Acq: 06 Oct 2021 00:37

Tgt Ion:252 Resp: 94320
Ion Ratio Lower Upper
252 100
253 27.0 17.9 26.9#
125 19.0 6.5 9.7#

