

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
 Data File : BP006745.D
 Acq On : 18 Aug 2021 15:14
 Operator : CG/JU
 Sample : M3429-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

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Quant Time: Aug 18 16:07:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	181005	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	744466	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	409725	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	835818	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	852706	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	913703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1334819	113.268	ng	0.00
7) Phenol-d6	6.887	99	1679664	100.337	ng	0.00
23) Nitrobenzene-d5	8.858	82	1151299	71.381	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	517701	120.899	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1949827	71.199	ng	0.00
79) Terphenyl-d14	19.681	244	2924370	68.720	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.140	178	188556	3.999	ng	99
75) Fluoranthene	19.122	202	409117	7.731	ng	95
78) Pyrene	19.475	202	423156	7.429	ng	99
81) Benzo(a)anthracene	21.192	228	234148	4.202	ng	95
83) Chrysene	21.239	228	249005	4.609	ng	96
87) Indeno(1,2,3-cd)pyrene	25.898	276	171639m	2.591	ng	
88) Benzo(b)fluoranthene	22.816	252	333446	5.615	ng	# 95
89) Benzo(k)fluoranthene	22.857	252	120663m	2.116	ng	
90) Benzo(a)pyrene	23.410	252	233688	4.387	ng	# 94
92) Benzo(g,h,i)perylene	26.627	276	175938	3.205	ng	# 90

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

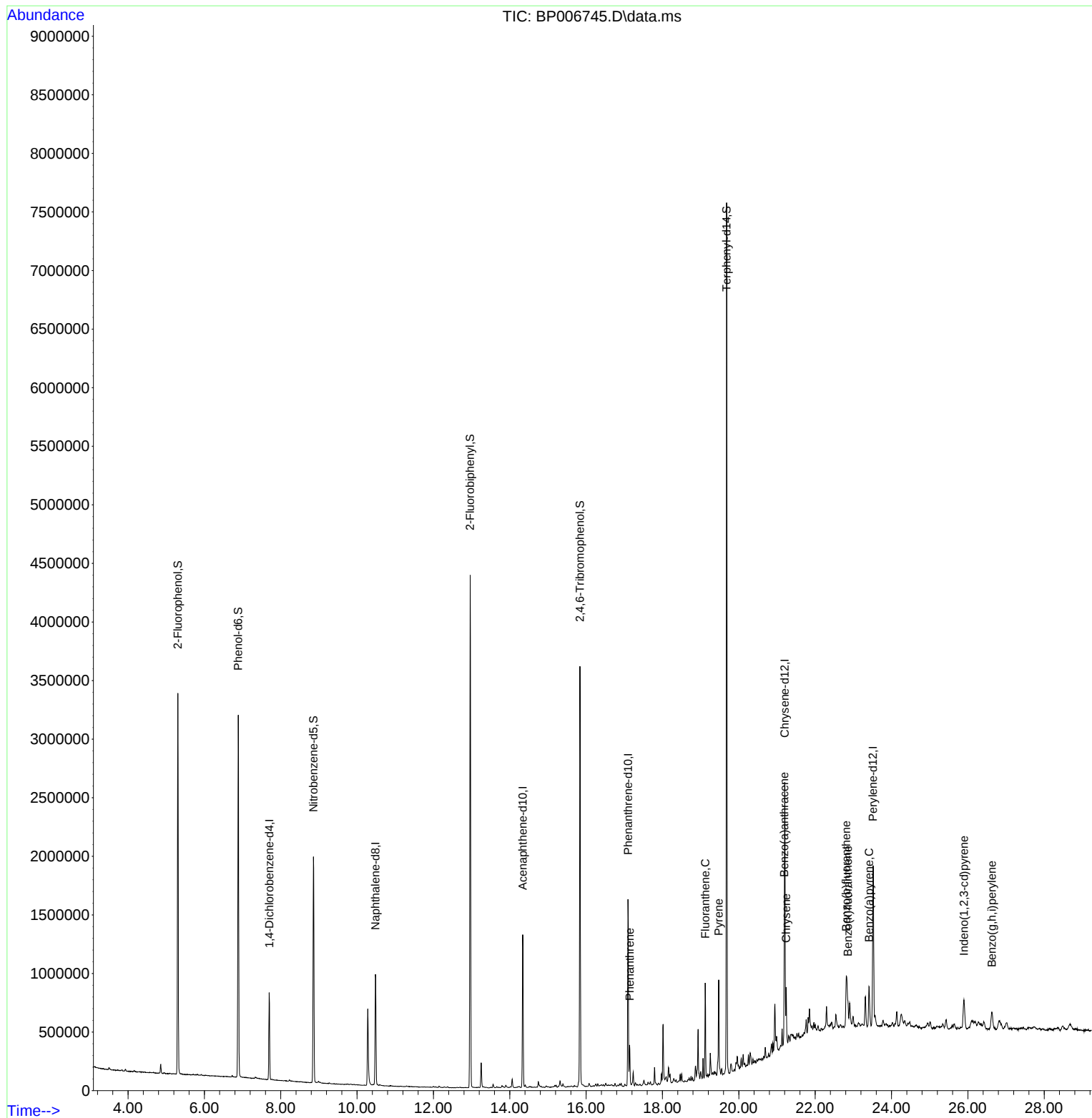
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Data File : BP006745.D
Acq On : 18 Aug 2021 15:14
Operator : CG/JU
Sample : M3429-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

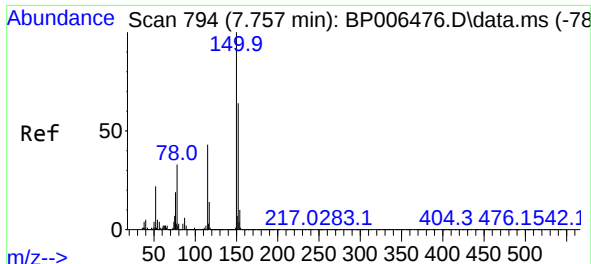
Instrument :
BNA_P
ClientSampleId :
WC-1

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Quant Time: Aug 18 16:07:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





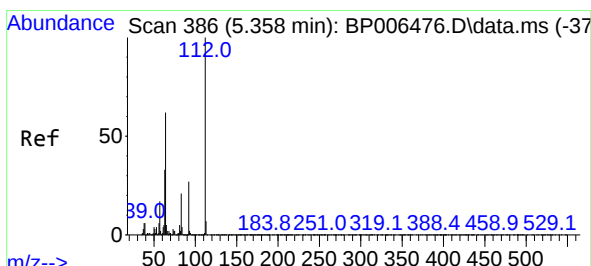
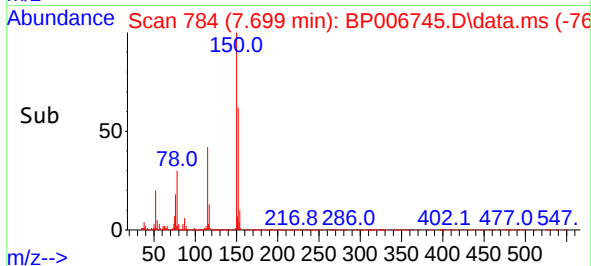
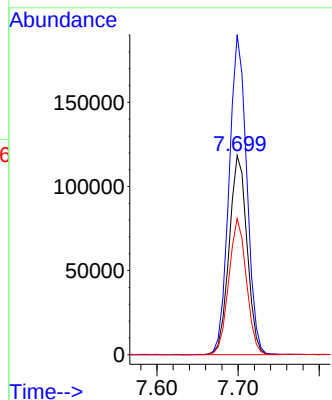
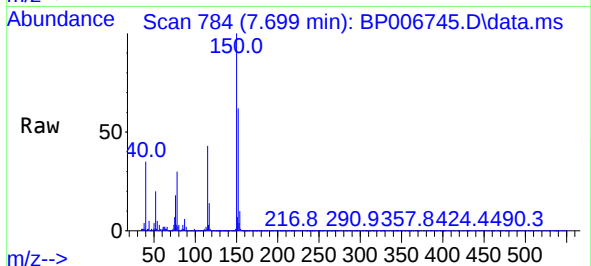
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

Tgt Ion:152 Resp: 181005
Ion Ratio Lower Upper
152 100
150 160.6 125.6 188.4
115 68.3 48.5 72.7

Instrument :
BNA_P
ClientSampled :
WC-1

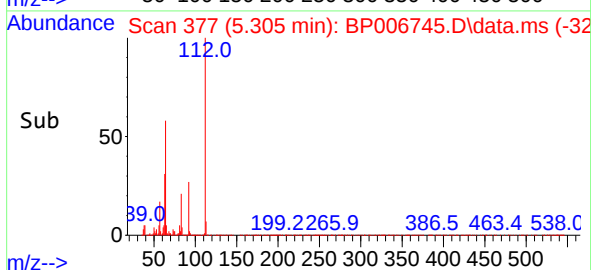
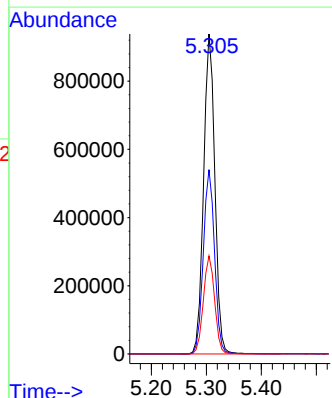
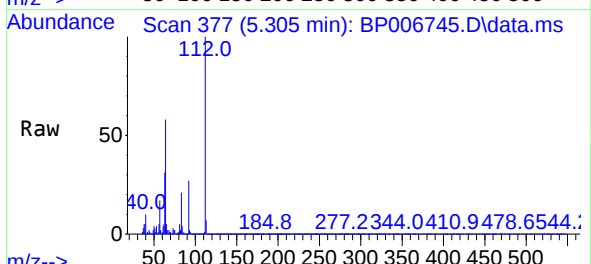
Manual Integrations
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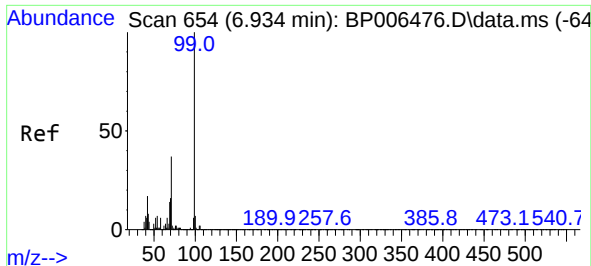
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#5
2-Fluorophenol
Concen: 113.268 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

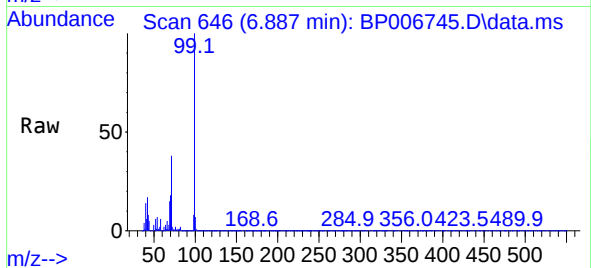
Tgt Ion:112 Resp: 1334819
Ion Ratio Lower Upper
112 100
64 57.6 41.4 62.2
63 30.6 23.8 35.8





#7
Phenol-d6
Concen: 100.337 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

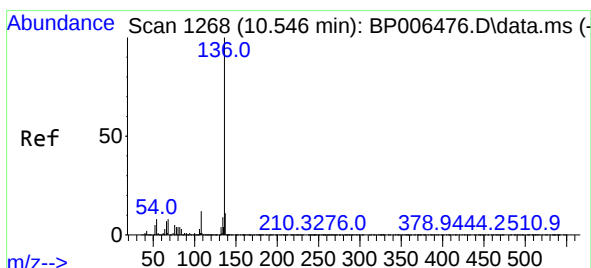
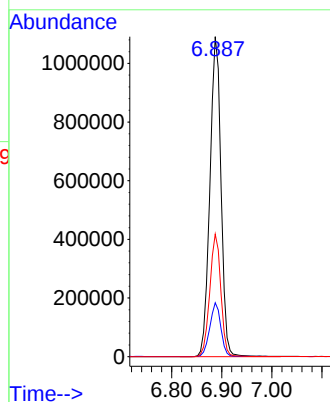
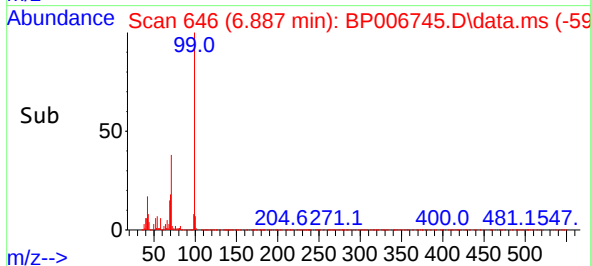
Instrument :
BNA_P
ClientSampled :
WC-1



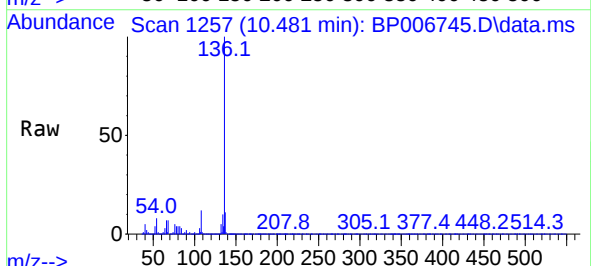
Tgt Ion: 99 Resp: 1679664
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.0
71 38.3 30.6 46.0

Manual Integrations
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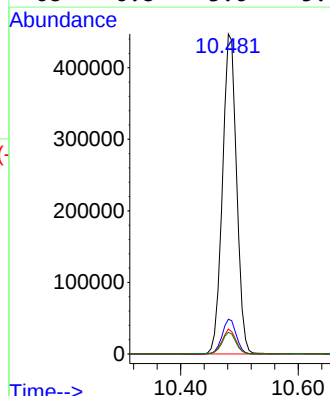
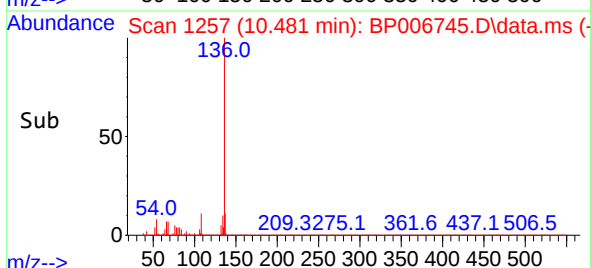
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



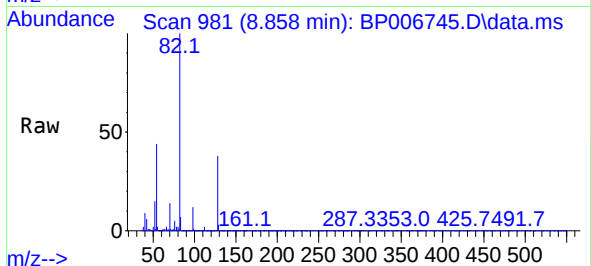
Tgt Ion: 136 Resp: 744466
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.8 4.6 6.8#
68 6.8 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 71.381 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

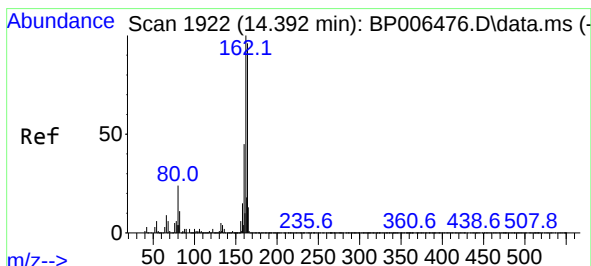
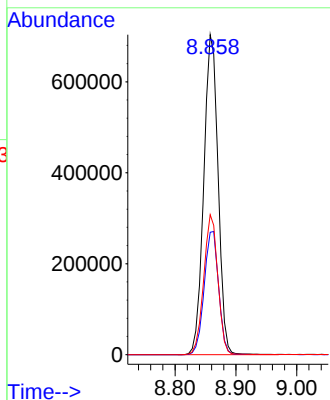
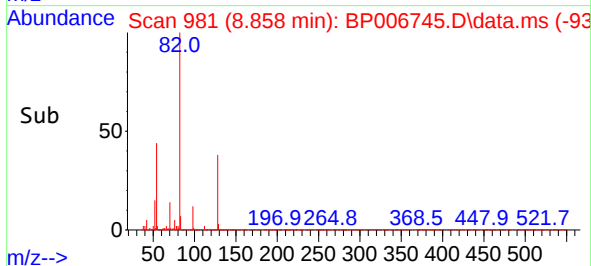
Instrument :
BNA_P
ClientSampled :
WC-1



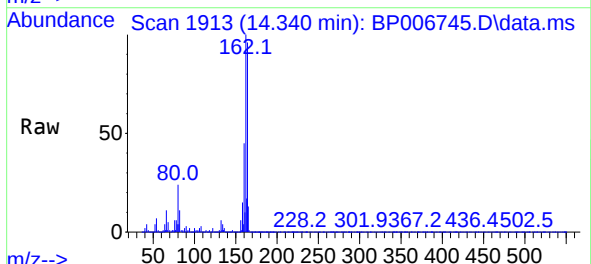
Tgt Ion: 82 Resp: 1151299
Ion Ratio Lower Upper
82 100
128 38.3 35.7 53.5
54 43.7 35.0 52.4

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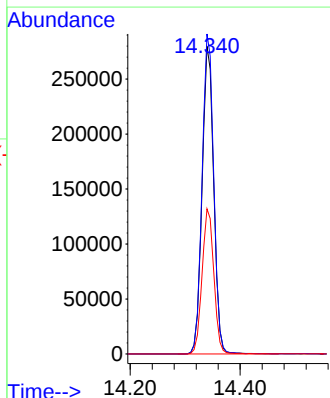
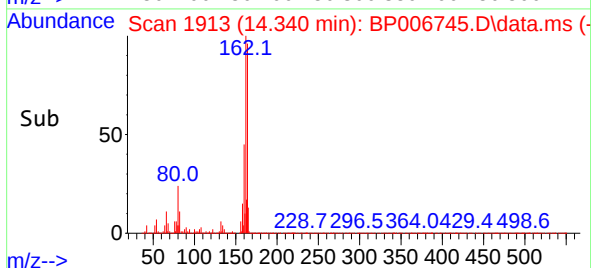
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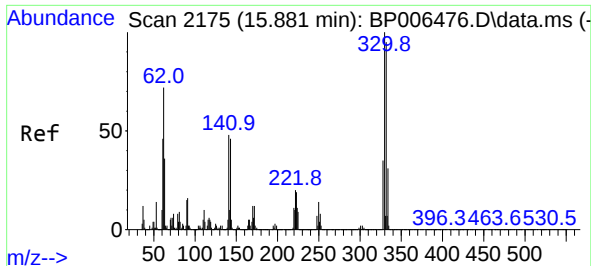


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



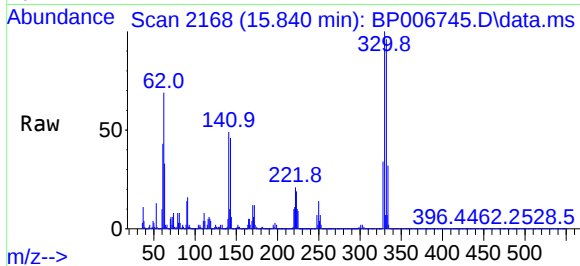
Tgt Ion: 164 Resp: 409725
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 47.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 120.899 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

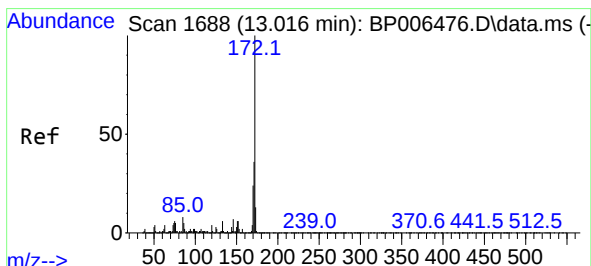
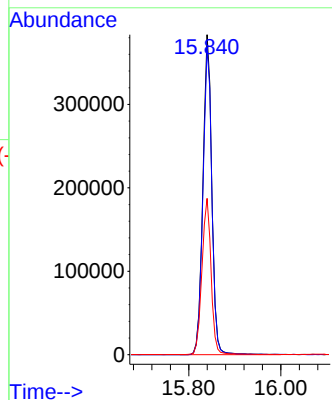
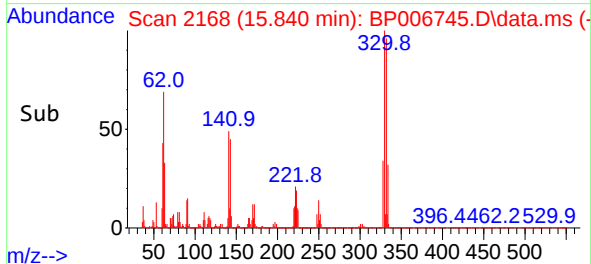
Instrument :
BNA_P
ClientSampled :
WC-1



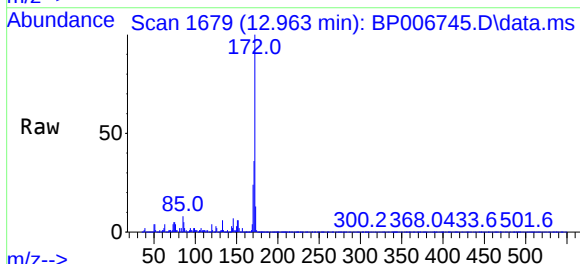
Tgt Ion:330 Resp: 517701
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 50.0 25.4 38.2#

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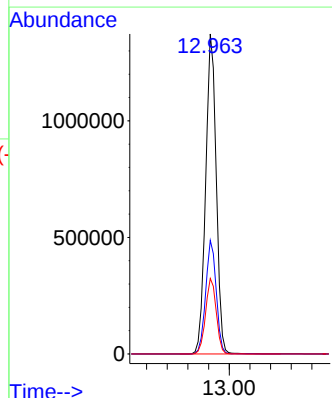
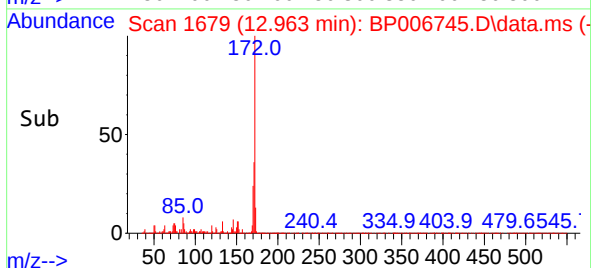
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#45
2-Fluorobiphenyl
Concen: 71.199 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



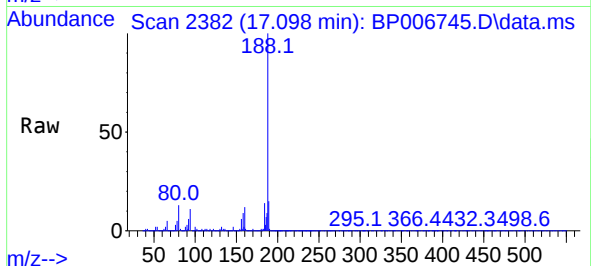
Tgt Ion:172 Resp: 1949827
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

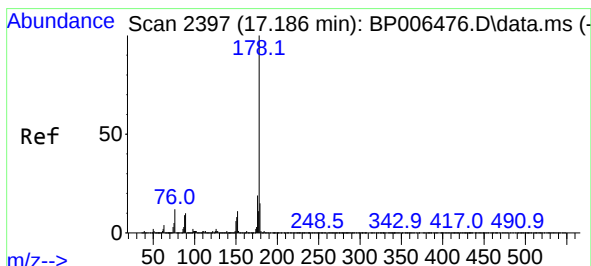
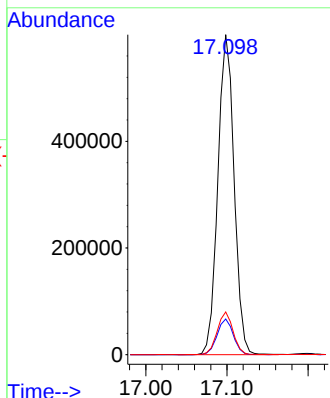
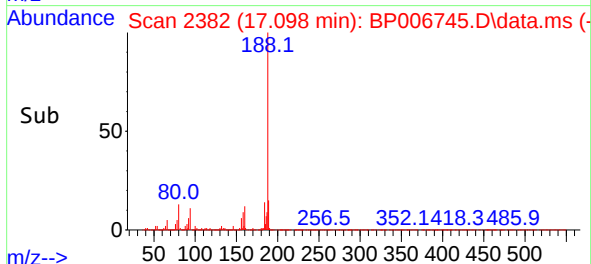
Instrument :
BNA_P
ClientSampled :
WC-1



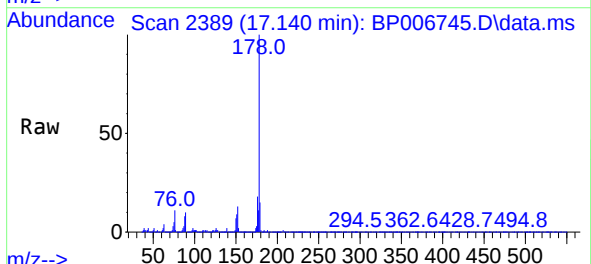
Tgt Ion:188 Resp: 835818
Ion Ratio Lower Upper
188 100
94 11.1 5.6 8.4#
80 13.4 6.3 9.5#

Manual Integrations
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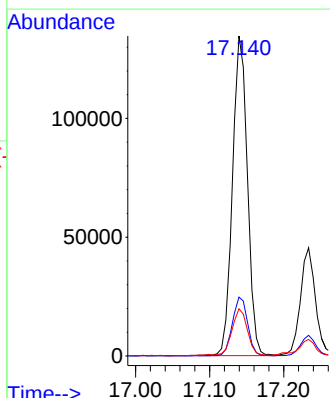
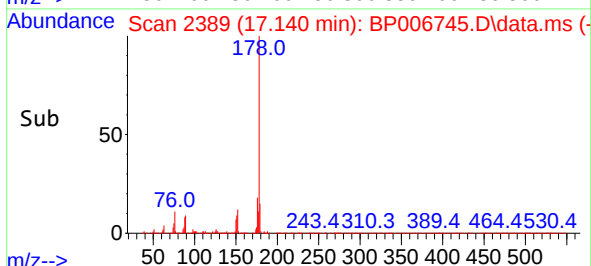
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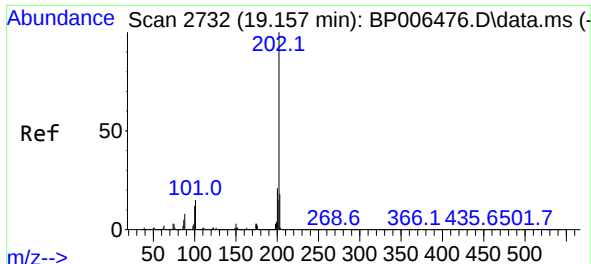


#71
Phenanthrene
Concen: 3.999 ng
RT: 17.140 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



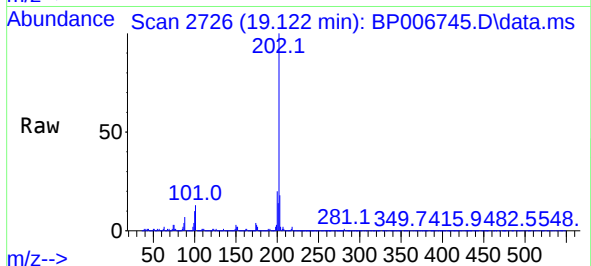
Tgt Ion:178 Resp: 188556
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 14.8 12.4 18.6





#75
Fluoranthene
Concen: 7.731 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

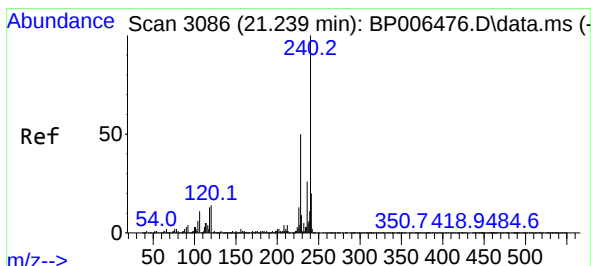
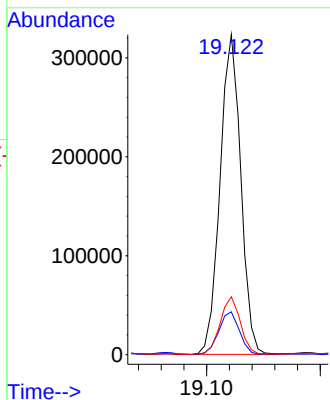
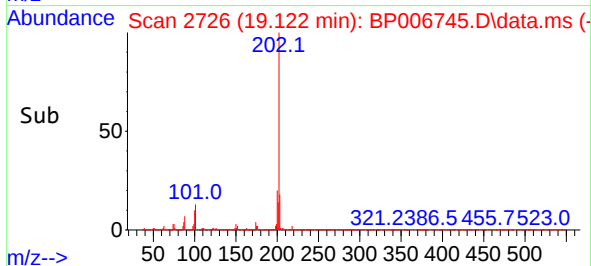
Instrument :
BNA_P
ClientSampled :
WC-1



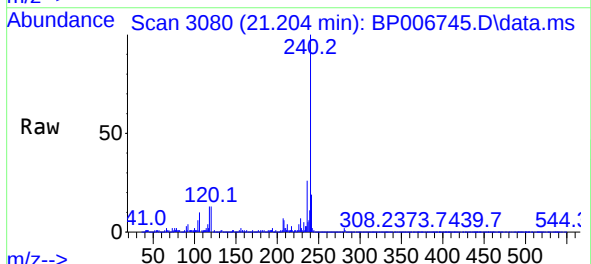
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Ion Ratio Lower Upper
202 100
101 13.4 0.0 27.6
203 18.1 0.0 37.8

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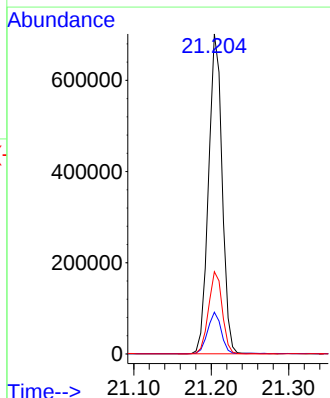
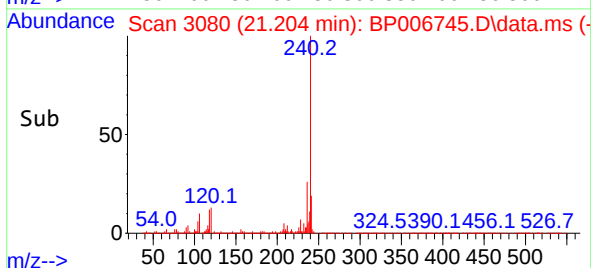
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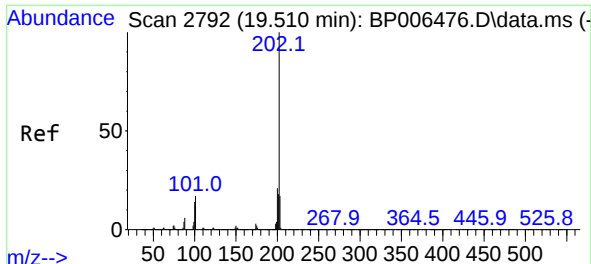


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



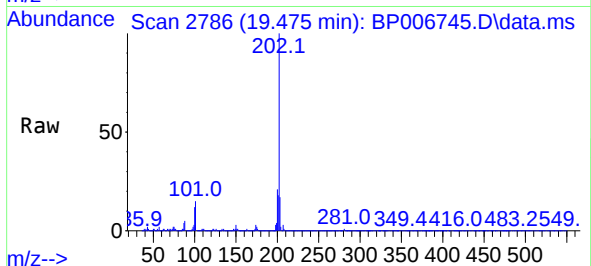
Tgt Ion:240 Resp: 852706
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 25.7 20.6 31.0





#78
Pyrene
Concen: 7.429 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

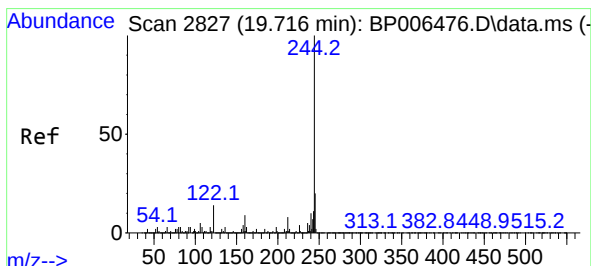
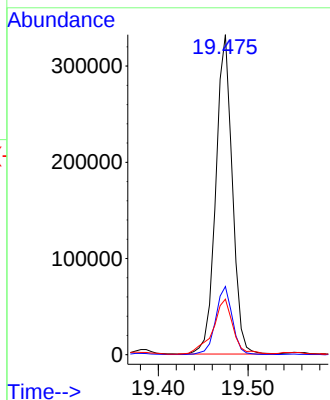
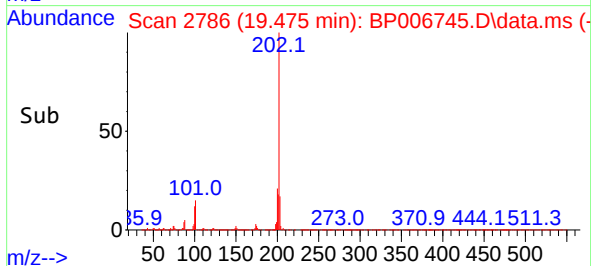
Instrument :
BNA_P
ClientSampled :
WC-1



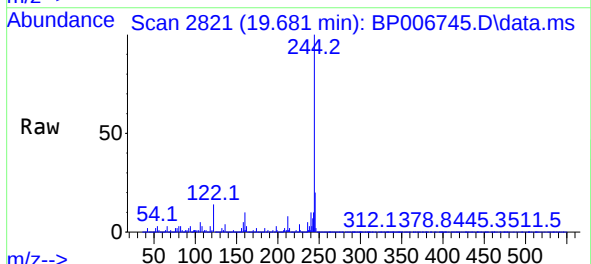
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Ion Ratio Lower Upper
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200 21.3 16.3 24.5
203 17.4 14.2 21.2

Manual Integrations
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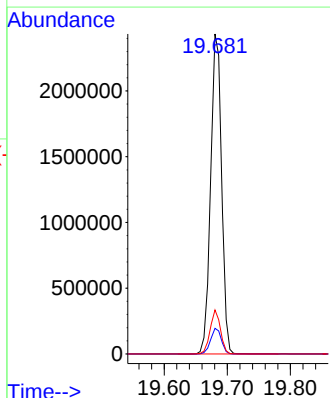
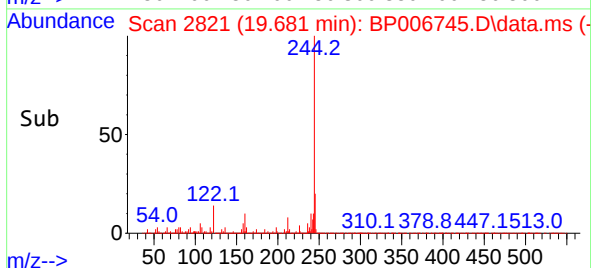
mohammad
8/19/2021 1:27:30 PM

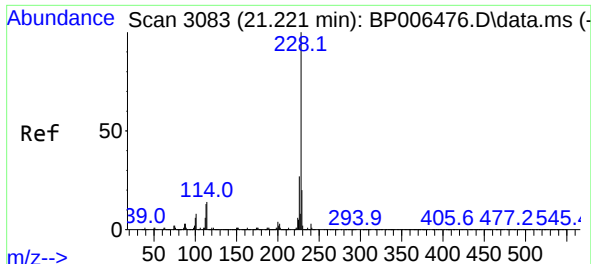


#79
Terphenyl-d14
Concen: 68.720 ng
RT: 19.681 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

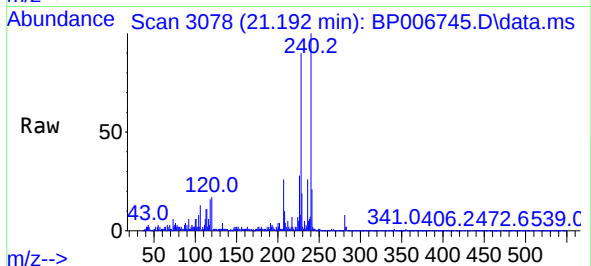


Tgt Ion:244 Resp: 2924370
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.7 7.1 10.7#

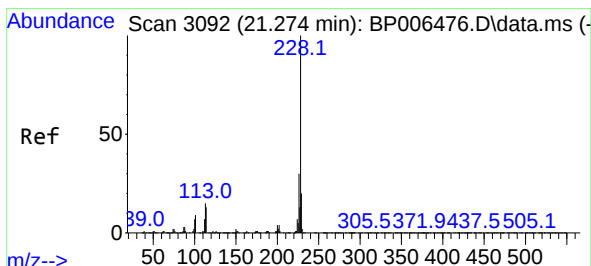
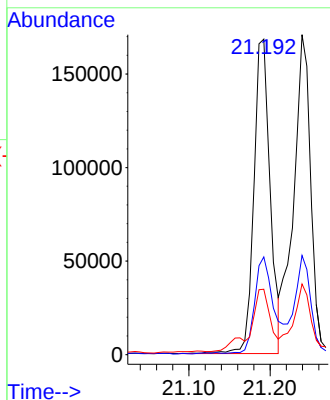
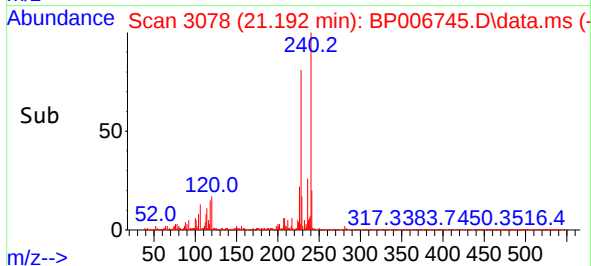




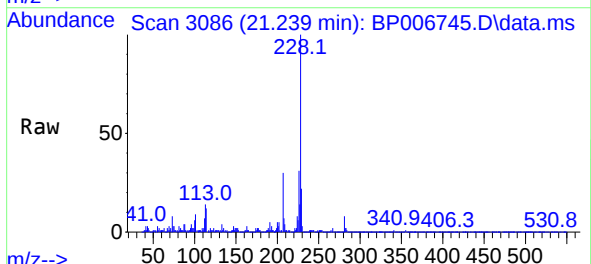
#81
Benzo(a)anthracene
Concen: 4.202 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



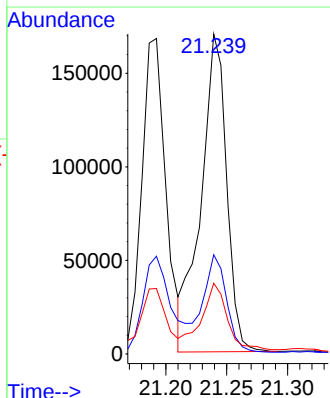
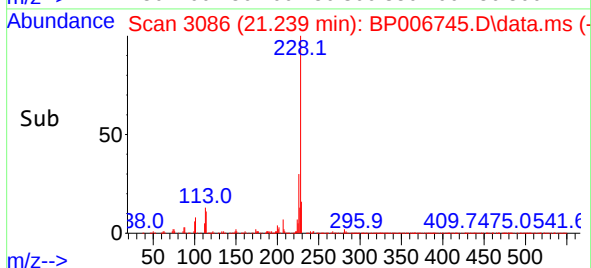
Tgt Ion:228 Resp: 234148
Ion Ratio Lower Upper
228 100
226 31.0 21.6 32.4
229 20.7 15.8 23.6



#83
Chrysene
Concen: 4.609 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



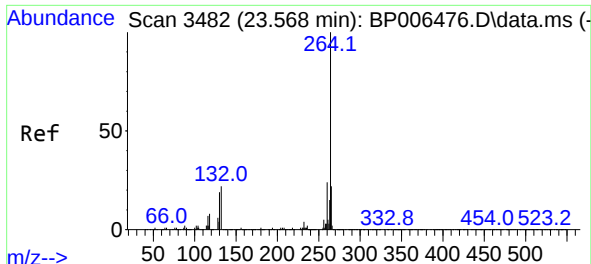
Tgt Ion:228 Resp: 249005
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 22.1 15.4 23.2



Instrument :
BNA_P
ClientSampleId :
WC-1

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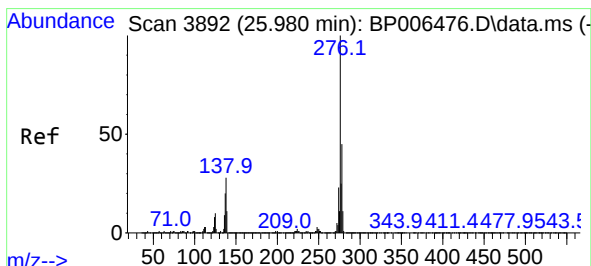
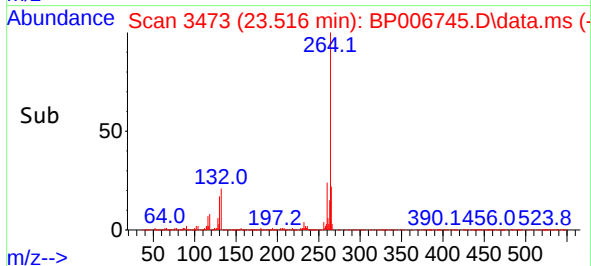
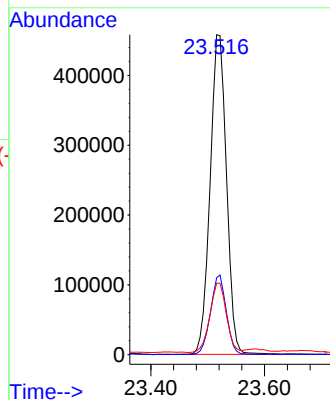
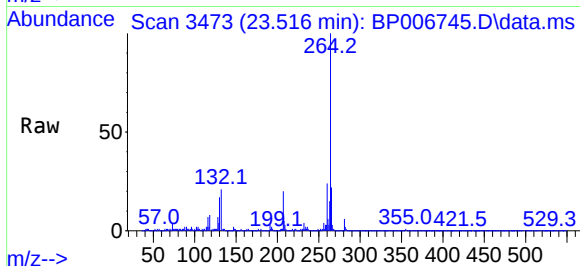
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

Tgt Ion:	264	Resp:	913703
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.6	28.0
265	22.4	17.6	26.4

Instrument :
BNA_P
ClientSampled :
WC-1

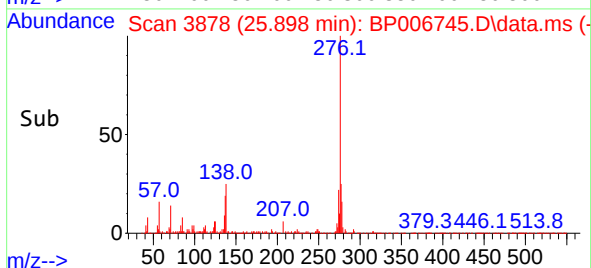
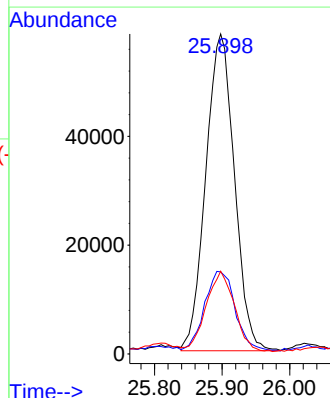
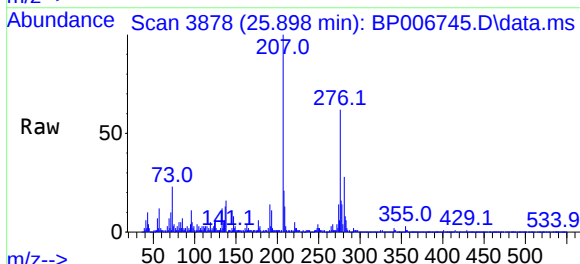
Manual Integrations
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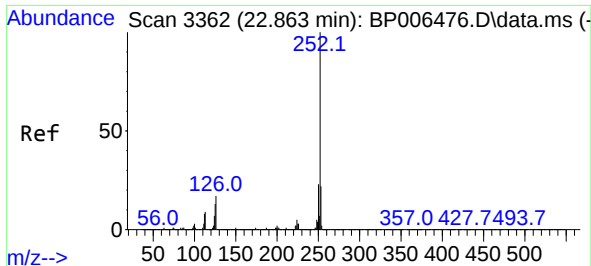
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.591 ng m
RT: 25.898 min Scan# 3878
Delta R.T. -0.023 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

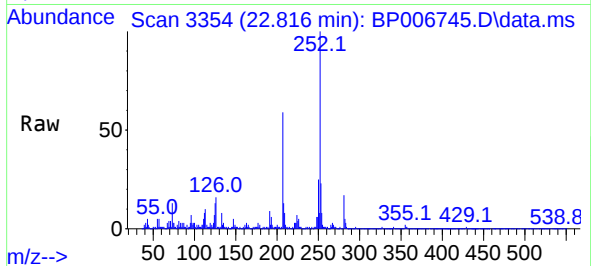
Tgt Ion:	276	Resp:	171639
Ion Ratio	Lower	Upper	
276	100		
138	2.3	15.3	22.9#
277	2.8	20.4	30.6#





#88
Benzo(b)fluoranthene
Concen: 5.615 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

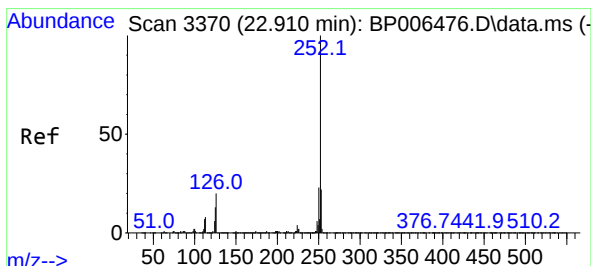
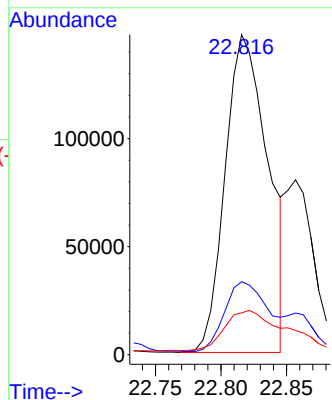
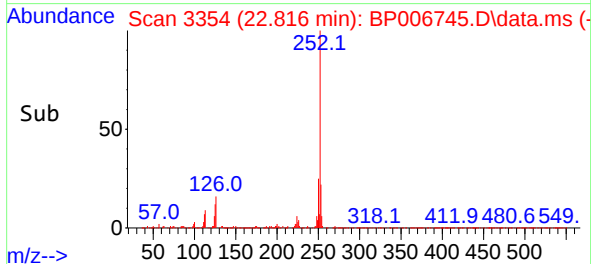
Instrument :
BNA_P
ClientSampled :
WC-1



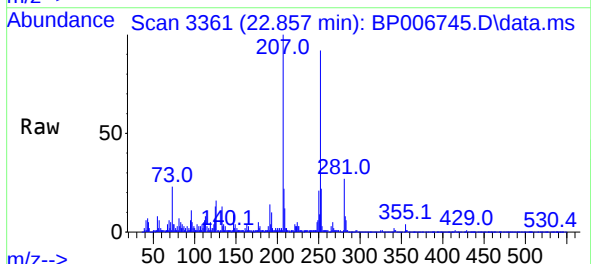
Tgt Ion:252 Resp: 333446
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 13.0 6.2 9.4#

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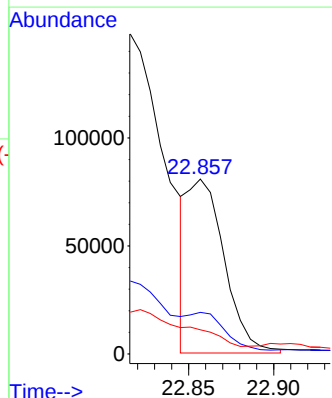
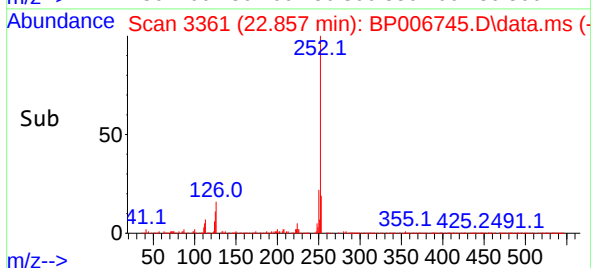
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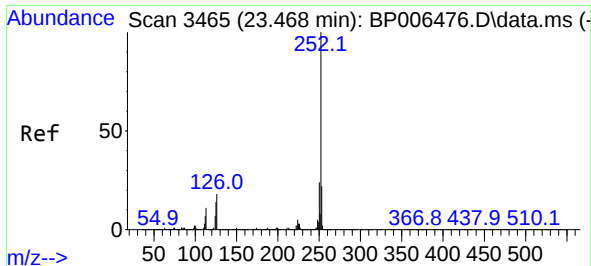


#89
Benzo(k)fluoranthene
Concen: 2.116 ng m
RT: 22.857 min Scan# 3361
Delta R.T. -0.017 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14



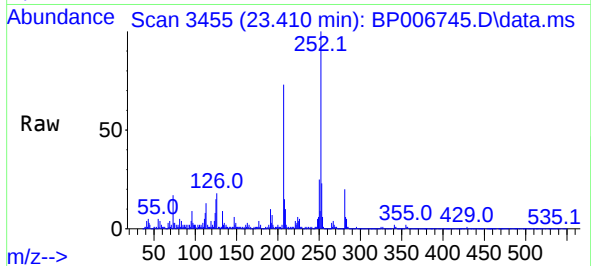
Tgt Ion:252 Resp: 120663
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 13.8 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 4.387 ng
RT: 23.410 min Scan# 3455
Delta R.T. -0.012 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

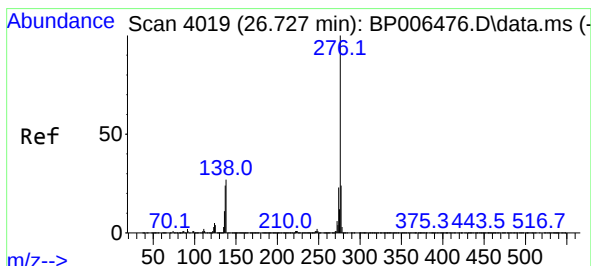
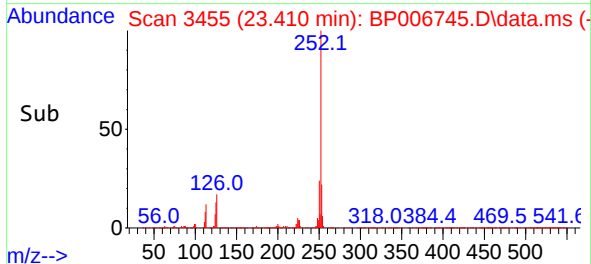
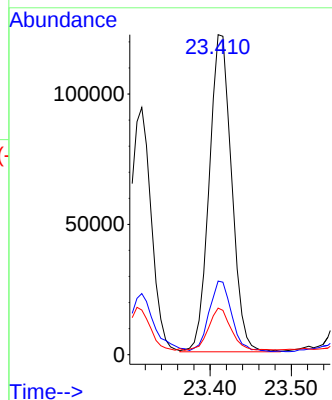
Instrument :
BNA_P
ClientSampled :
WC-1



Tgt Ion:252 Resp: 233688
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 14.6 6.5 9.7#

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#92
Benzo(g,h,i)perylene
Concen: 3.205 ng
RT: 26.627 min Scan# 4002
Delta R.T. -0.029 min
Lab File: BP006745.D
Acq: 18 Aug 2021 15:14

Tgt Ion:276 Resp: 175938
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 25.3 12.6 18.8#

