

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
 Data File : BP007246.D
 Acq On : 29 Sep 2021 15:22
 Operator : CG/JU
 Sample : M3971-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RP-COMP-3

Quant Time: Sep 29 16:41:55 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)

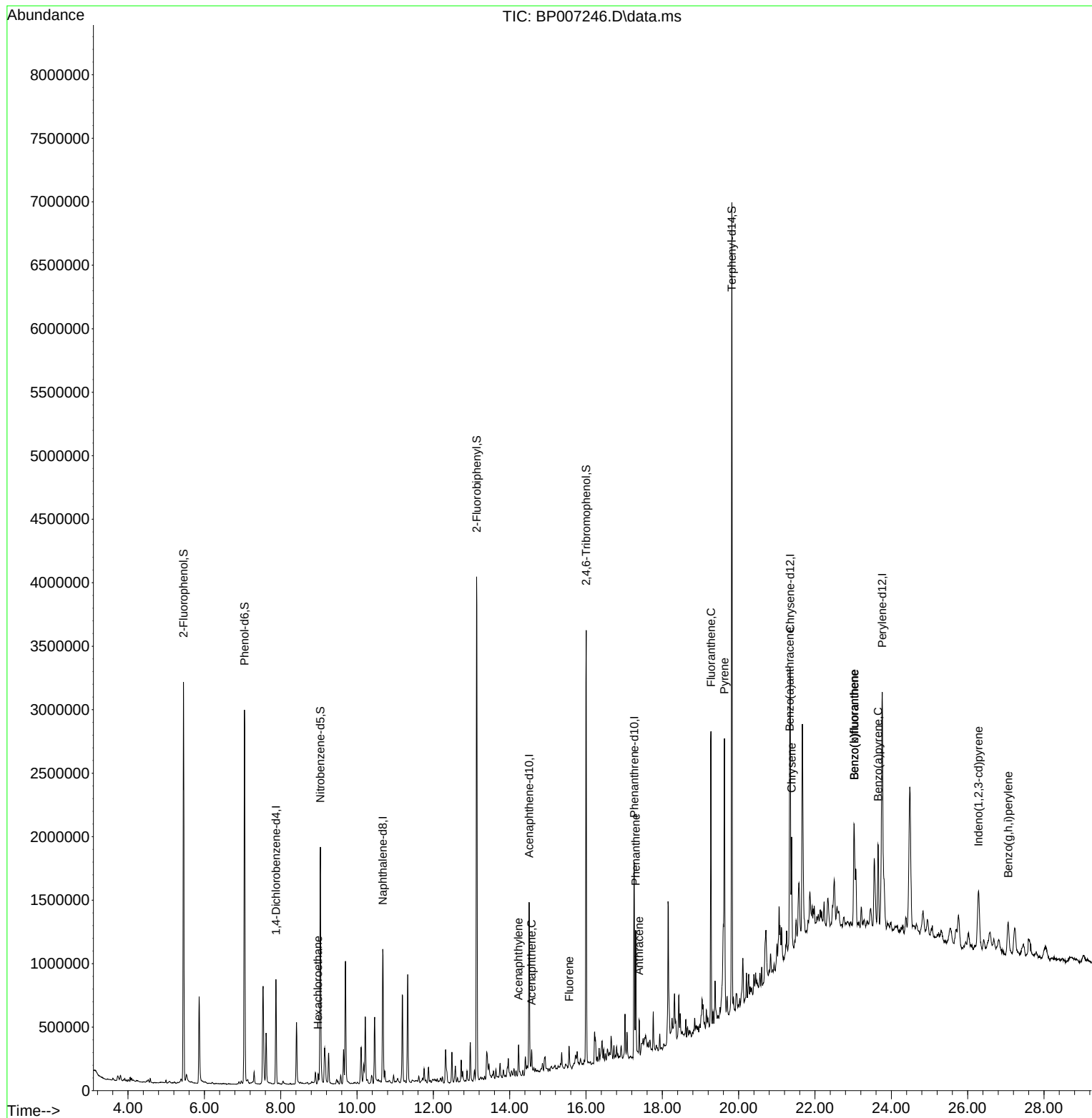
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	228611	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	897664	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	476387	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	951367	20.000	ng	0.00
76) Chrysene-d12	21.351	240	934827	20.000	ng	0.00
86) Perylene-d12	23.762	264	1016453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1479719	108.348	ng	0.00
7) Phenol-d6	7.051	99	1842110	98.689	ng	0.00
23) Nitrobenzene-d5	9.040	82	1057817	68.626	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	732413	118.588	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2117635	63.683	ng	0.00
79) Terphenyl-d14	19.821	244	3034571	62.204	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.981	117	33117	5.779	ng	# 12
49) Acenaphthylene	14.233	152	182992	4.328	ng	99
52) Acenaphthene	14.575	154	52962	2.068	ng	97
58) Fluorene	15.557	166	67731	2.052	ng	98
71) Phenanthrene	17.304	178	590275	11.571	ng	100
72) Anthracene	17.392	178	177754	3.562	ng	98
75) Fluoranthene	19.274	202	1351703	22.999	ng	98
78) Pyrene	19.627	202	1286041	20.968	ng	99
81) Benzo(a)anthracene	21.333	228	567621	9.354	ng	97
83) Chrysene	21.386	228	540016	9.312	ng	97
87) Indeno(1,2,3-cd)pyrene	26.286	276	354925	4.859	ng	99
88) Benzo(b)fluoranthene	23.027	252	698341	11.496	ng	# 95
89) Benzo(k)fluoranthene	23.027	252	698341	11.355	ng	# 95
90) Benzo(a)pyrene	23.656	252	492543	9.544	ng	# 96
92) Benzo(g,h,i)perylene	27.062	276	352750	5.905	ng	97

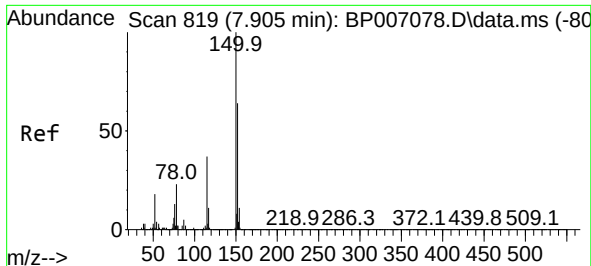
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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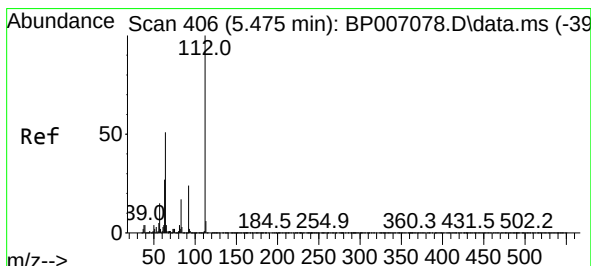
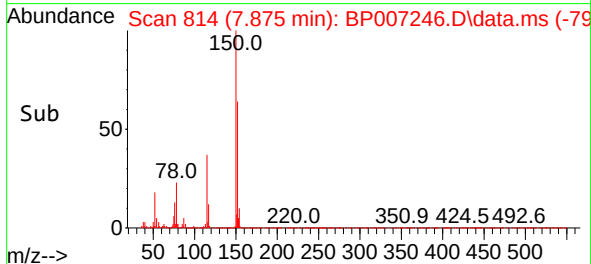
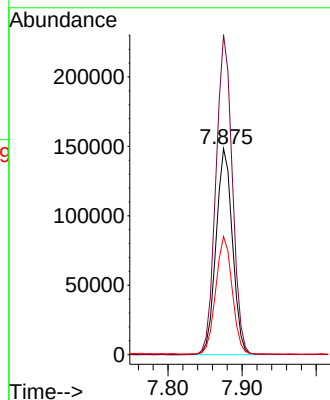
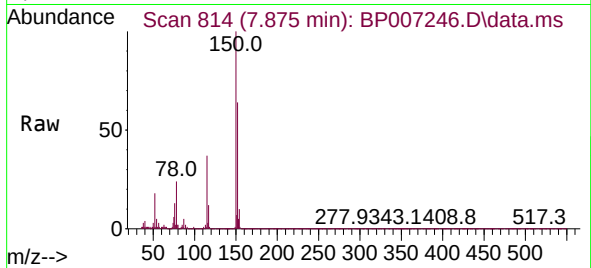




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

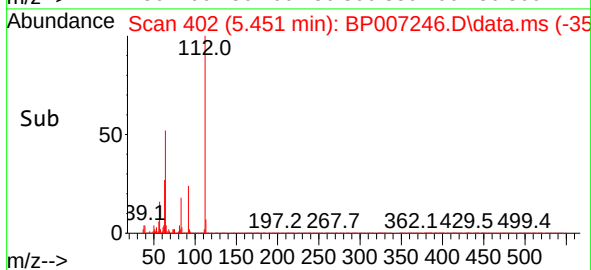
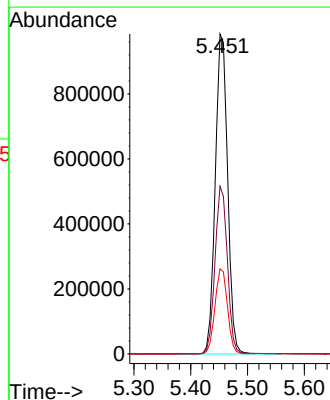
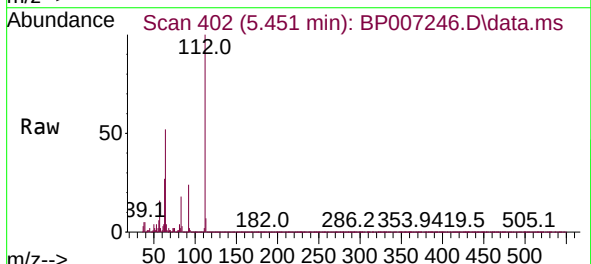
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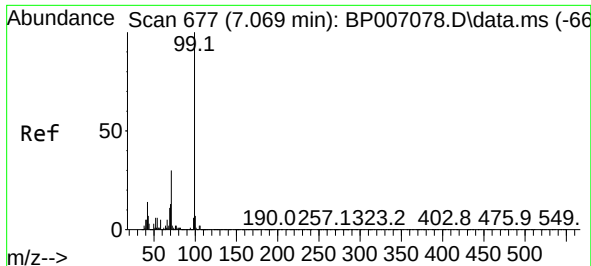
Tgt Ion:152 Resp: 228611
Ion Ratio Lower Upper
152 100
150 155.3 125.6 188.4
115 57.4 48.5 72.7



#5
2-Fluorophenol
Concen: 108.348 ng
RT: 5.451 min Scan# 402
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:112 Resp: 1479719
Ion Ratio Lower Upper
112 100
64 52.4 41.4 62.2
63 26.6 23.8 35.8

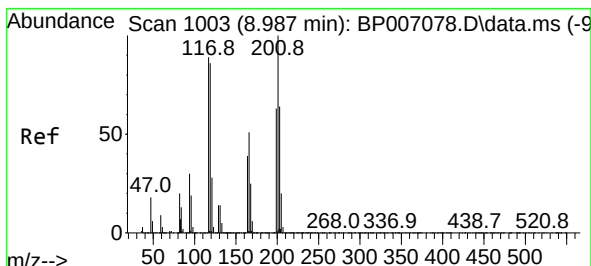
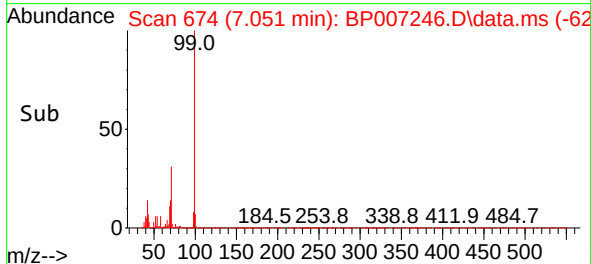
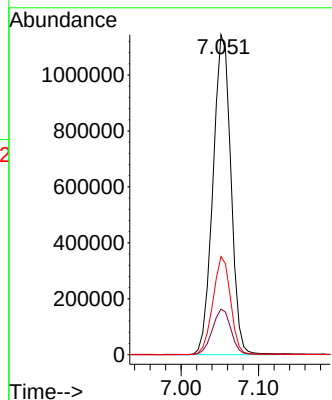
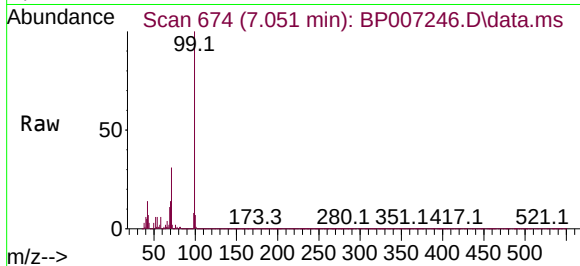




#7
Phenol-d6
Concen: 98.689 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

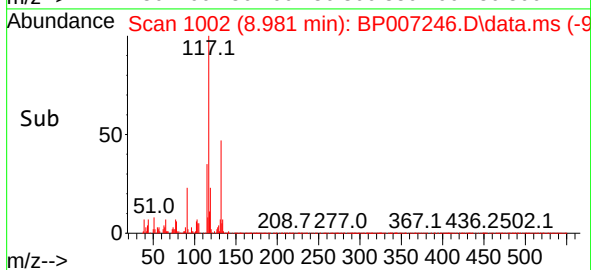
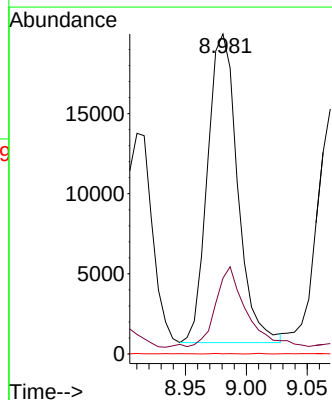
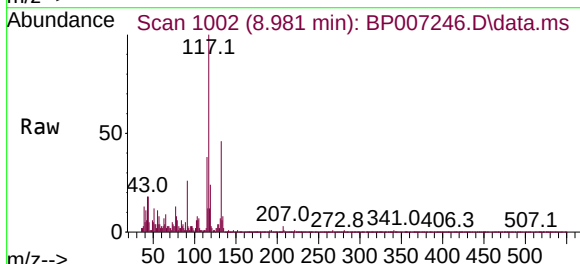
Instrument :
BNA_P
ClientSampleId :
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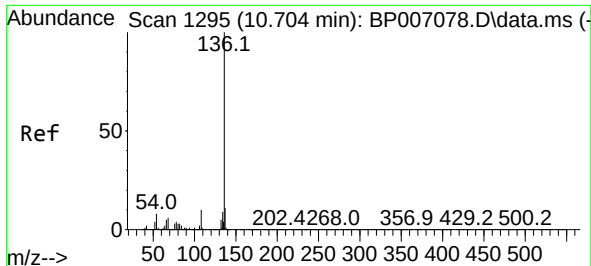
Tgt Ion: 99 Resp: 1842110
Ion Ratio Lower Upper
99 100
42 14.3 13.4 20.0
71 30.6 30.6 46.0



#18
Hexachloroethane
Concen: 5.779 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.029 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion: 117 Resp: 33117
Ion Ratio Lower Upper
117 100
119 23.6 76.2 114.2#
201 0.0 83.4 125.0#

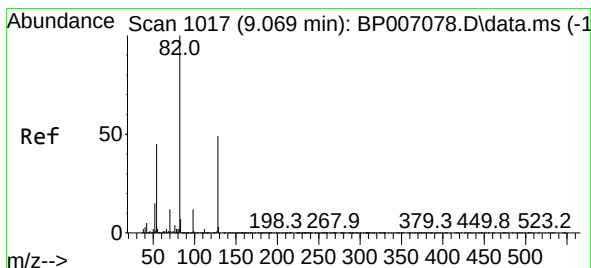
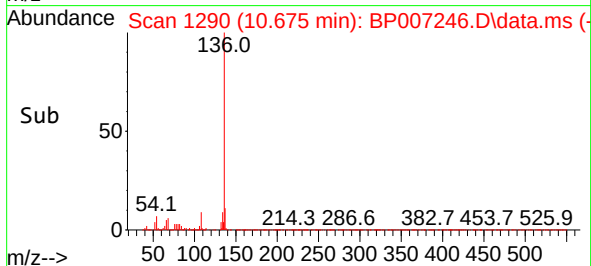
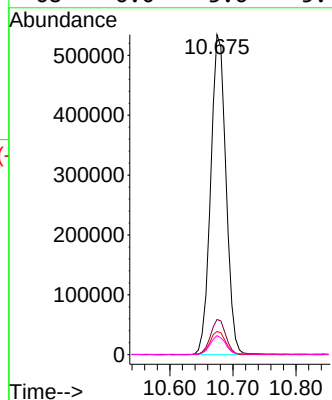
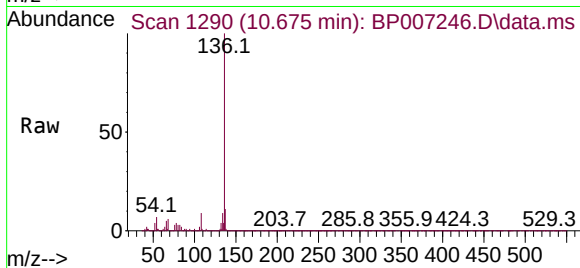




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

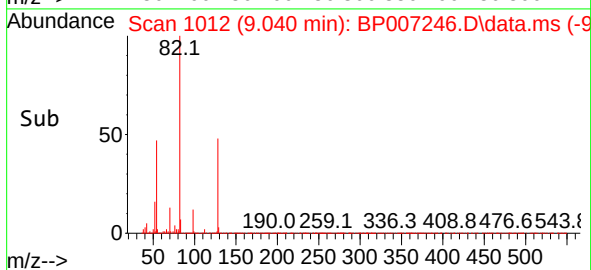
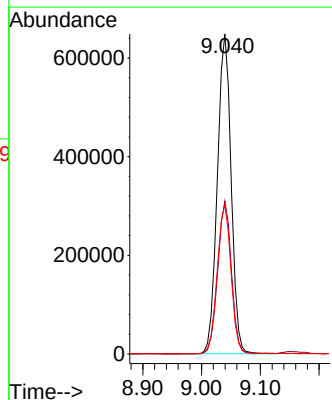
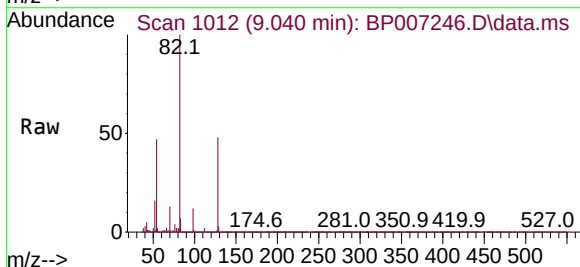
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ClientSampleId :
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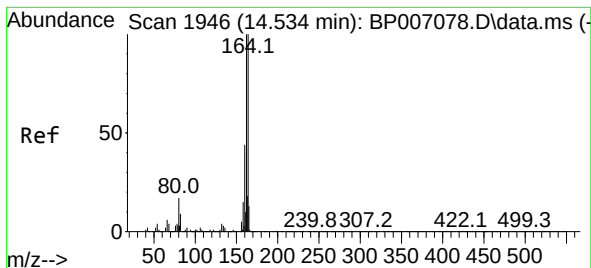
Tgt Ion:	136	Resp:	897664
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	7.3	4.6	6.8#
68	6.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 68.626 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BP007246.D
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Tgt Ion:	82	Resp:	1057817
Ion Ratio	Lower	Upper	
82	100		
128	47.8	35.7	53.5
54	46.7	35.0	52.4

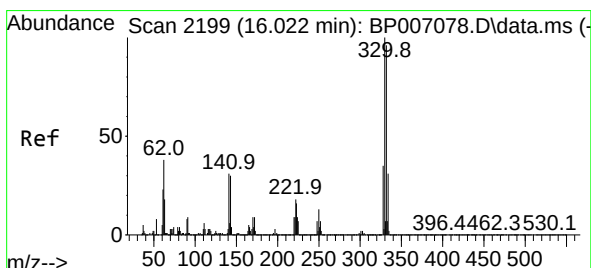
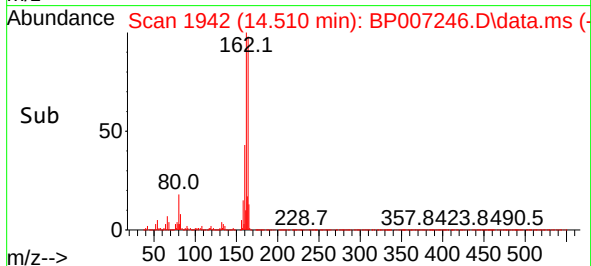
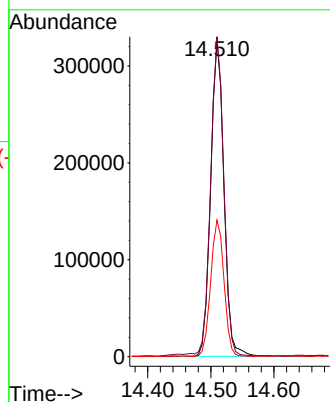
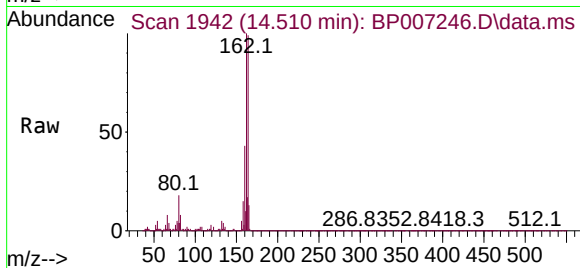




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

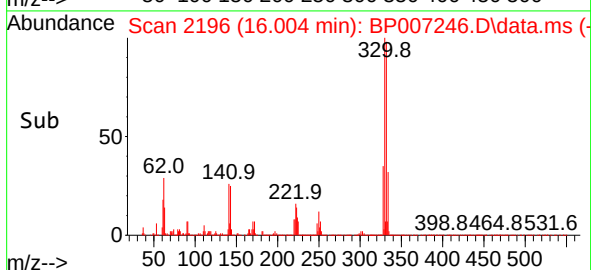
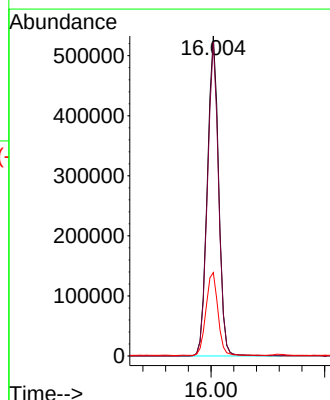
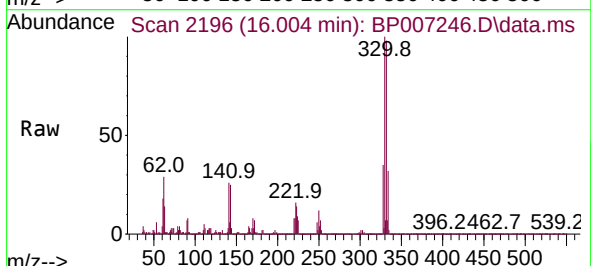
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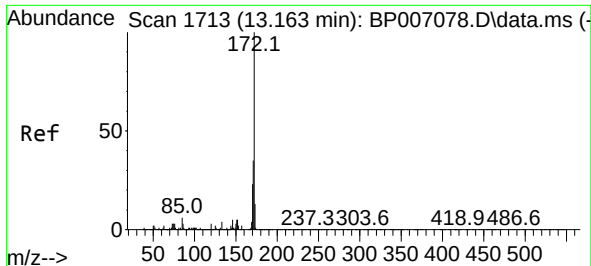
Tgt Ion:164 Resp: 476387
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 43.2 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 118.588 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:330 Resp: 732413
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 27.1 25.4 38.2

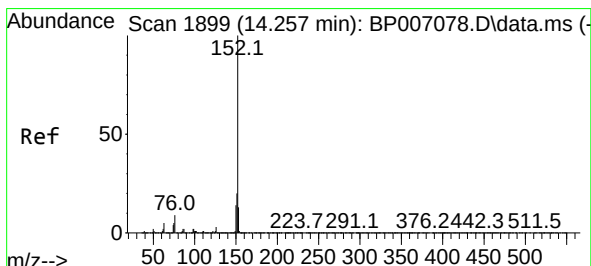
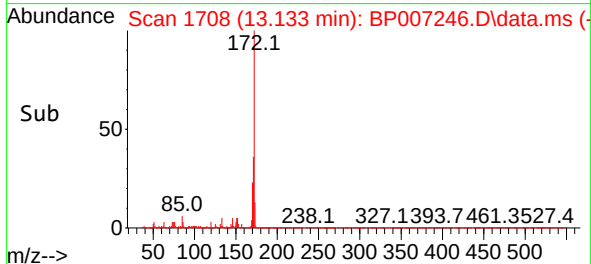
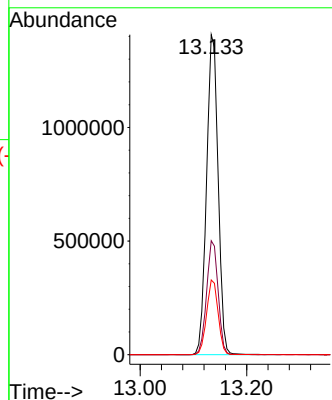
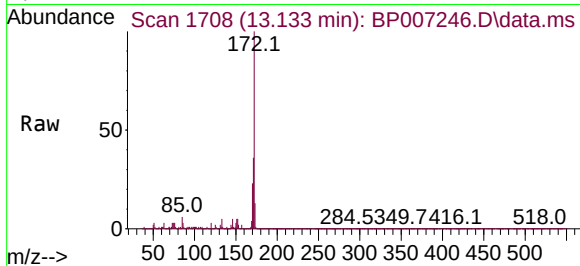




#45
2-Fluorobiphenyl
Concen: 63.683 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

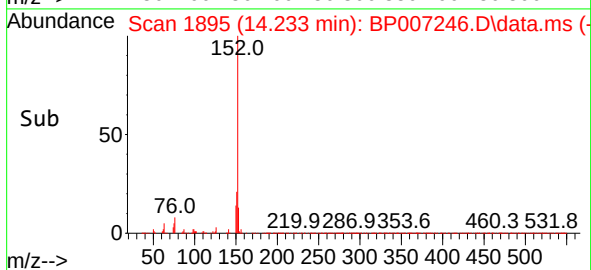
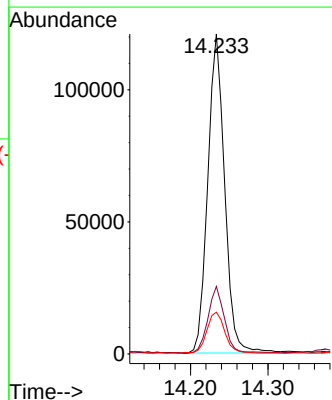
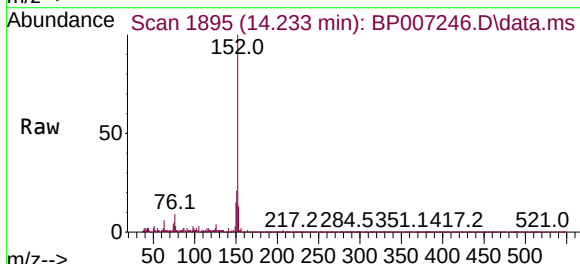
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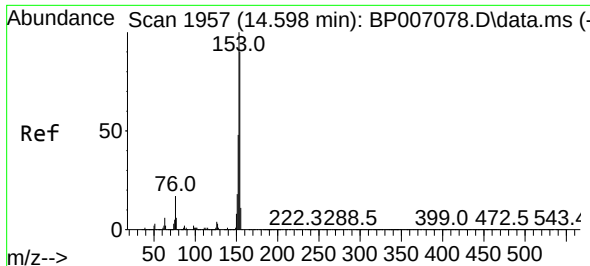
Tgt Ion:172 Resp: 2117635
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.3 18.6 27.8



#49
Acenaphthylene
Concen: 4.328 ng
RT: 14.233 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:152 Resp: 182992
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 13.1 10.6 16.0

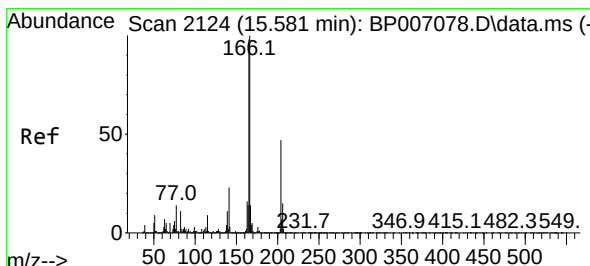
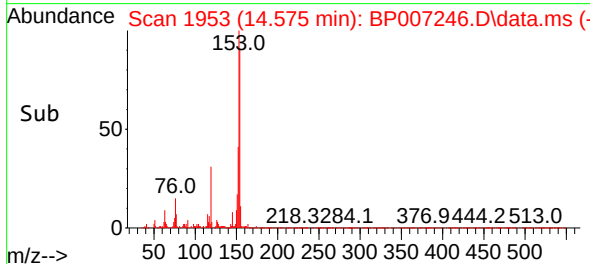
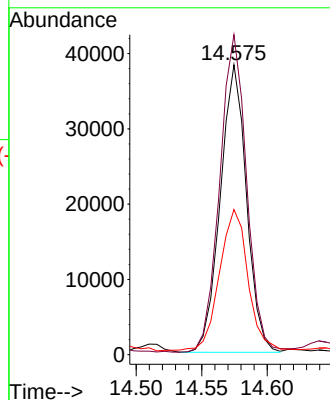
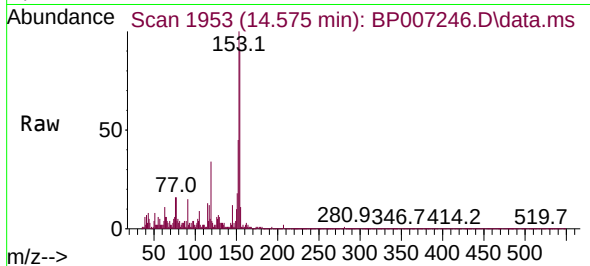




#52
Acenaphthene
Concen: 2.068 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

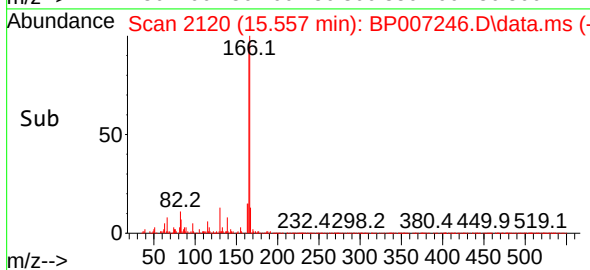
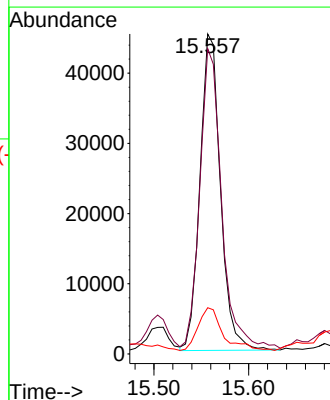
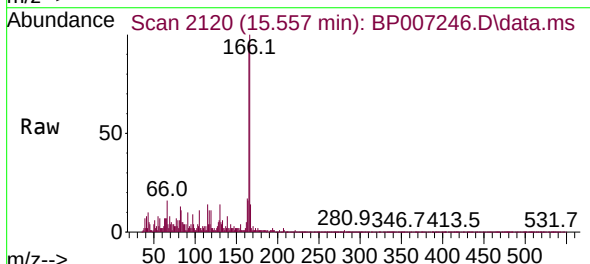
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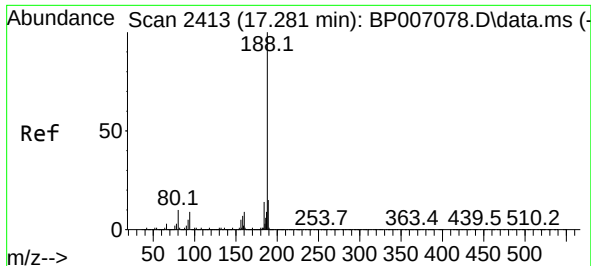
Tgt Ion:154 Resp: 52962
Ion Ratio Lower Upper
154 100
153 110.4 89.4 134.2
152 50.1 43.0 64.4



#58
Fluorene
Concen: 2.052 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:166 Resp: 67731
Ion Ratio Lower Upper
166 100
165 95.4 78.0 117.0
167 14.4 10.5 15.7

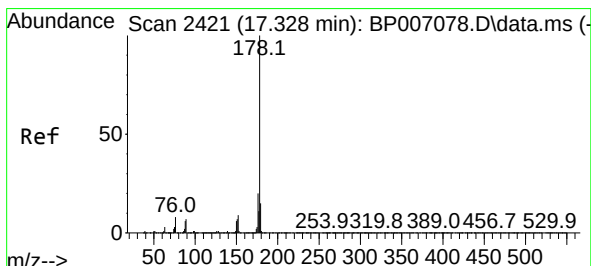
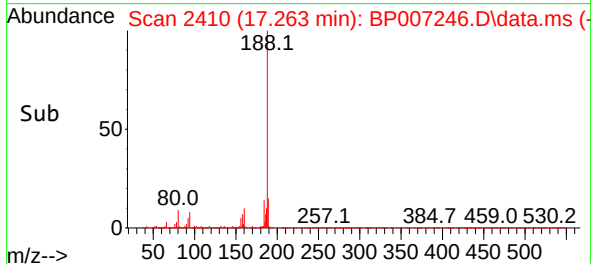
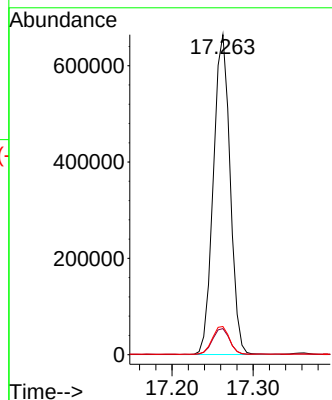
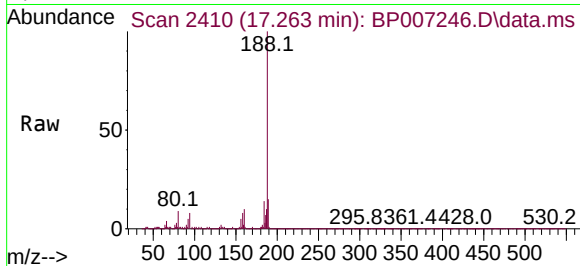




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

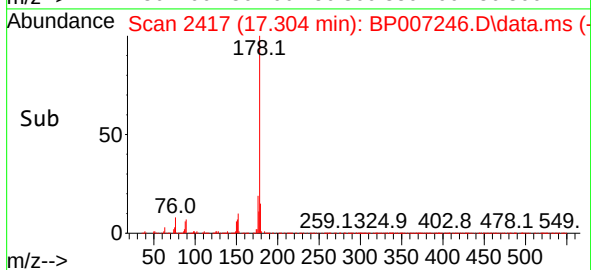
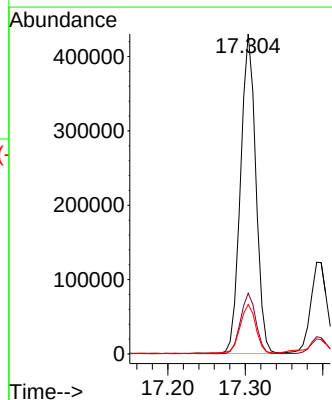
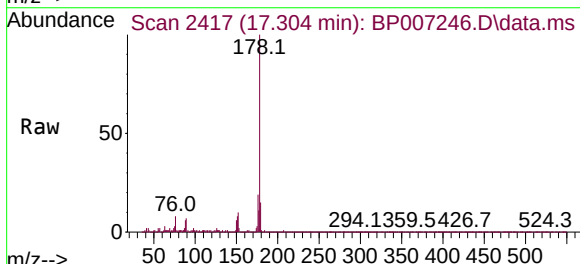
Instrument :
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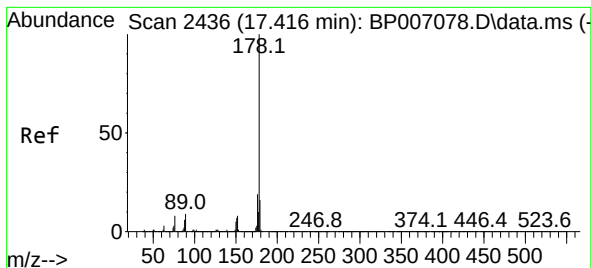
Tgt Ion:188 Resp: 951367
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.8 6.3 9.5



#71
Phenanthrene
Concen: 11.571 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:178 Resp: 590275
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.4 18.6





#72

Anthracene

Concen: 3.562 ng

RT: 17.392 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP007246.D

Acq: 29 Sep 2021 15:22

Instrument :

BNA_P

ClientSampleId :

RP-COMP-3

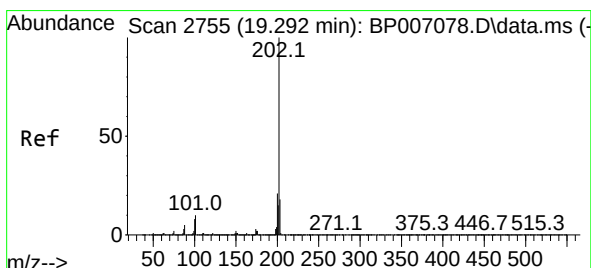
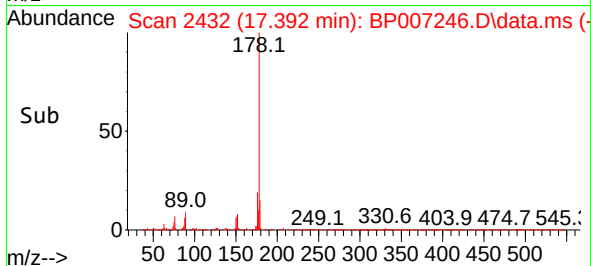
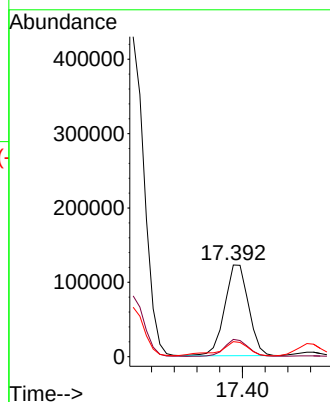
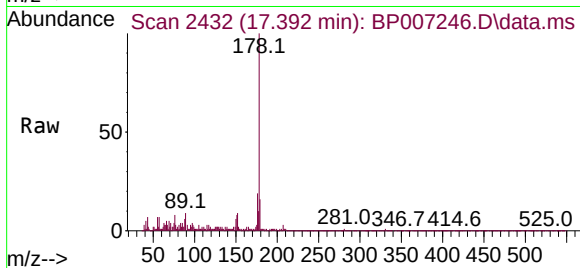
Tgt Ion:178 Resp: 177754

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 16.4 12.2 18.2



#75

Fluoranthene

Concen: 22.999 ng

RT: 19.274 min Scan# 2752

Delta R.T. -0.000 min

Lab File: BP007246.D

Acq: 29 Sep 2021 15:22

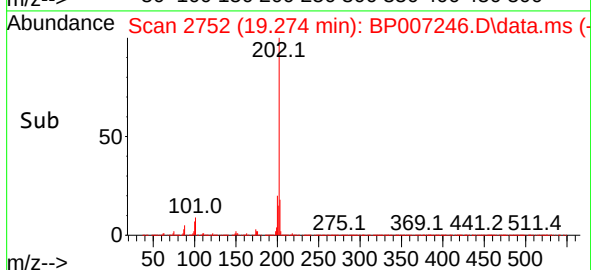
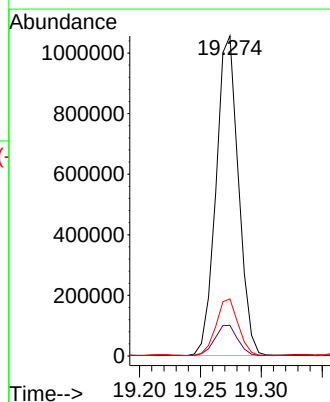
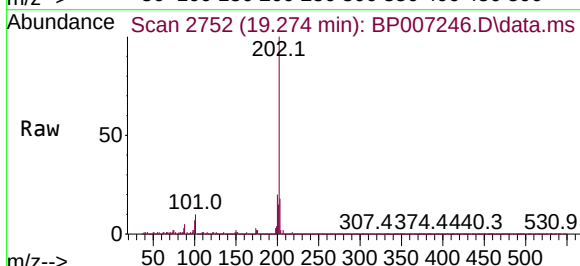
Tgt Ion:202 Resp: 1351703

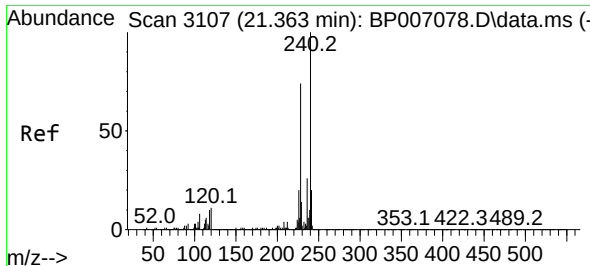
Ion Ratio Lower Upper

202 100

101 9.6 0.0 27.6

203 17.8 0.0 37.8

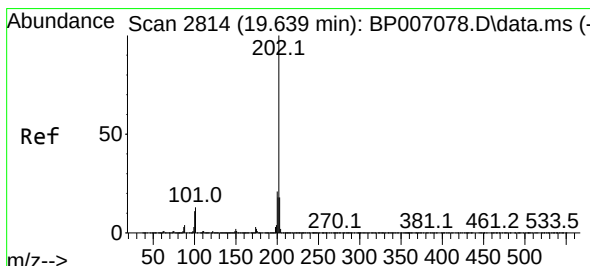
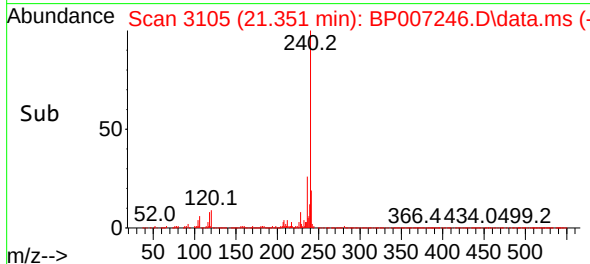
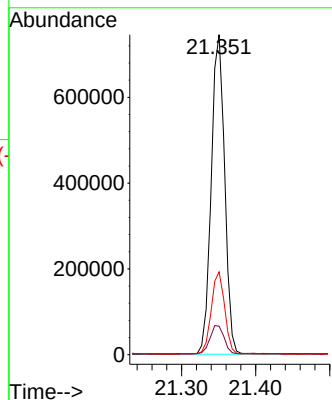
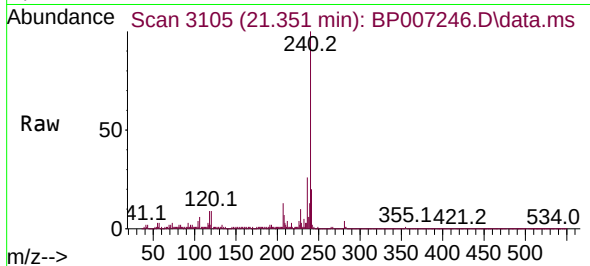




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

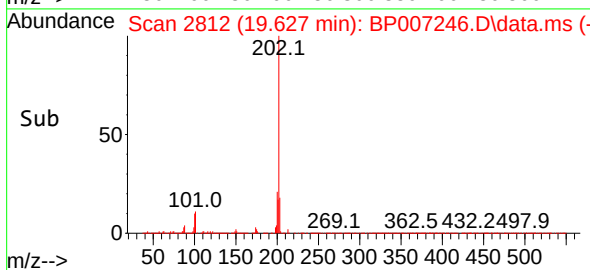
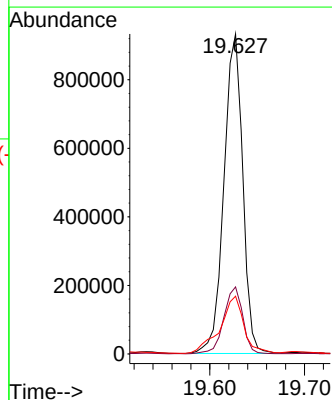
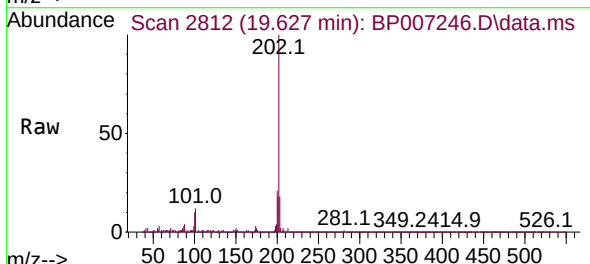
Instrument :
BNA_P
ClientSampleId :
RP-COMP-3

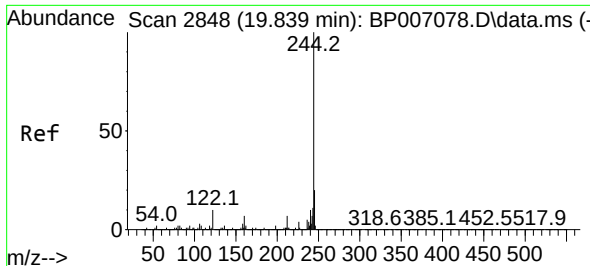
Tgt Ion:240 Resp: 934827
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.9 20.6 31.0



#78
Pyrene
Concen: 20.968 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:202 Resp: 1286041
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 18.0 14.2 21.2

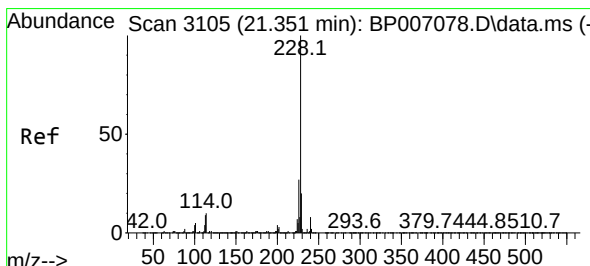
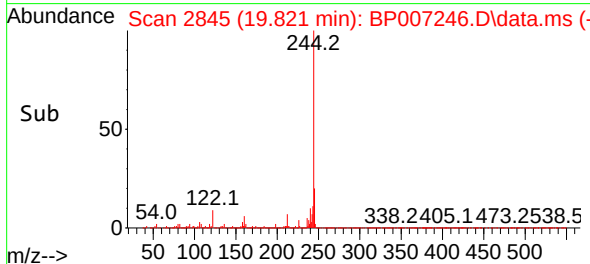
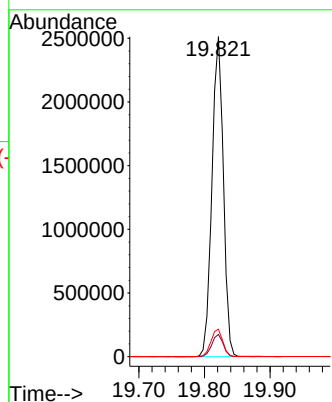
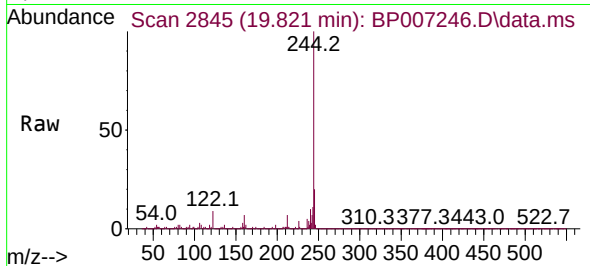




#79
 Terphenyl-d14
 Concen: 62.204 ng
 RT: 19.821 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BP007246.D
 Acq: 29 Sep 2021 15:22

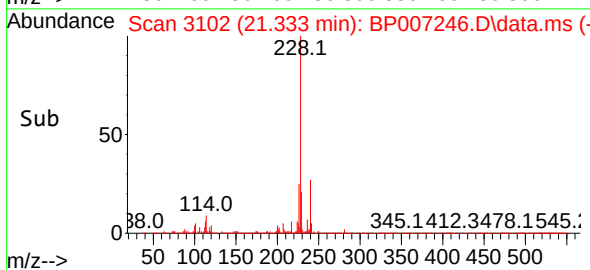
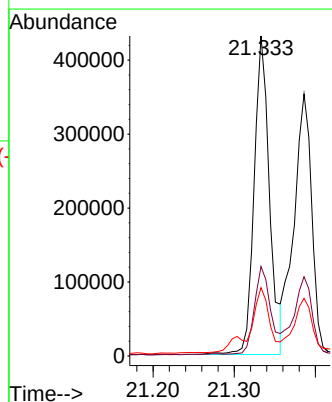
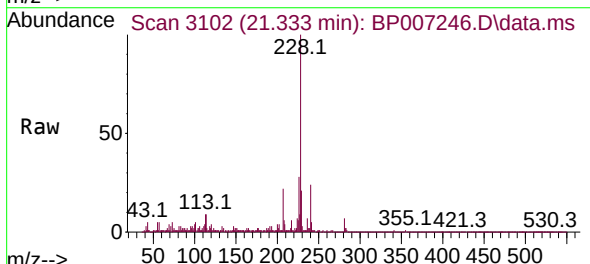
Instrument :
 BNA_P
 ClientSampleId :
 RP-COMP-3

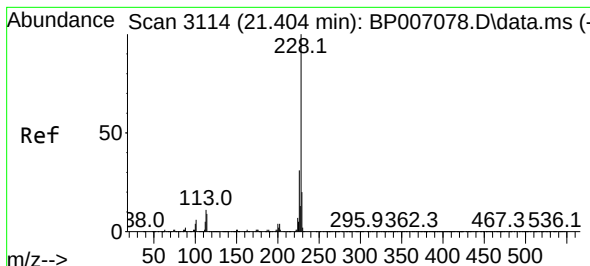
Tgt Ion:244 Resp: 3034571
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.6 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 9.354 ng
 RT: 21.333 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BP007246.D
 Acq: 29 Sep 2021 15:22

Tgt Ion:228 Resp: 567621
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.6 32.4
 229 21.4 15.8 23.6





#83

Chrysene

Concen: 9.312 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP007246.D

Acq: 29 Sep 2021 15:22

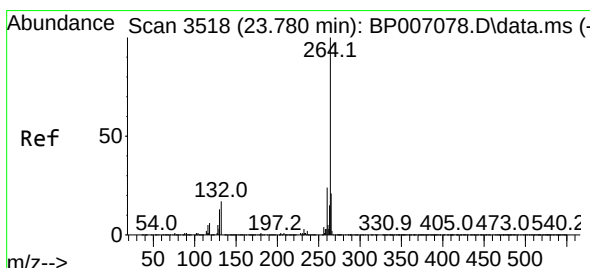
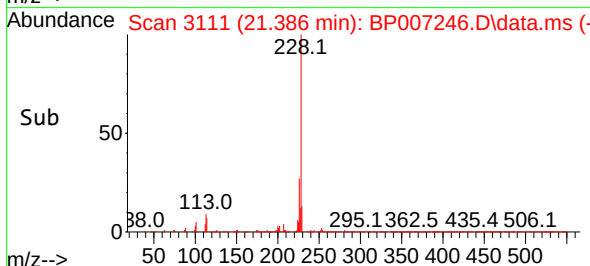
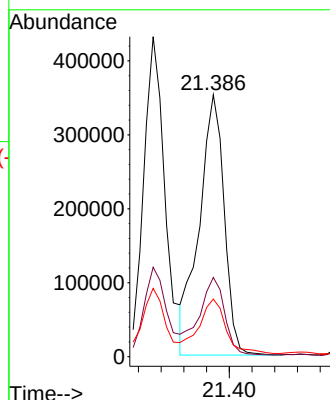
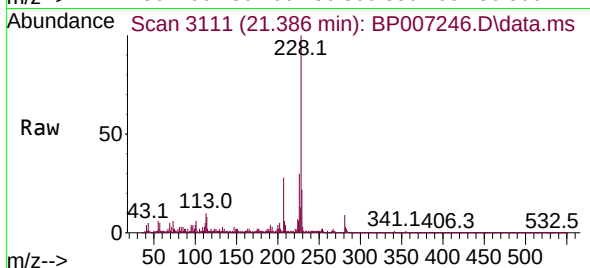
Instrument :

BNA_P

ClientSampleId :

RP-COMP-3

Tgt Ion:228	Resp: 540016
Ion Ratio	Lower Upper
228 100	
226 30.2	23.8 35.6
229 22.0	15.4 23.2



#86

Perylene-d12

Concen: 20.000 ng

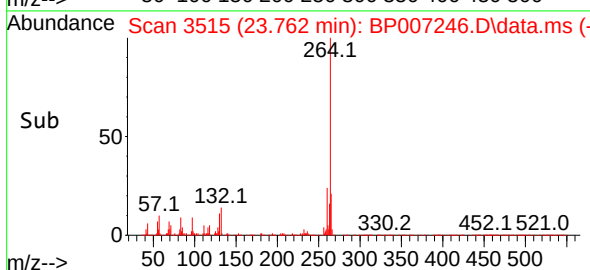
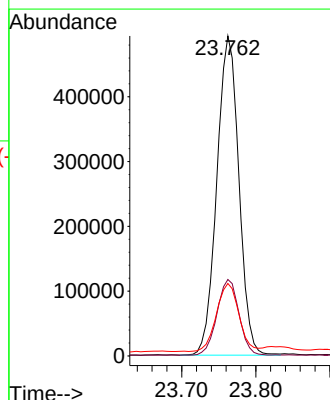
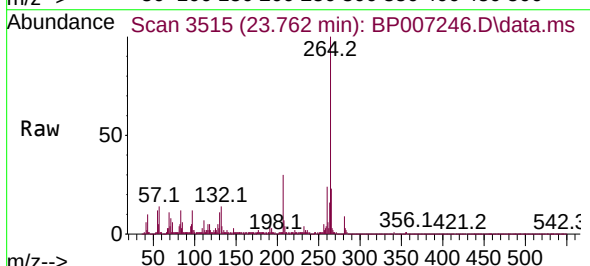
RT: 23.762 min Scan# 3515

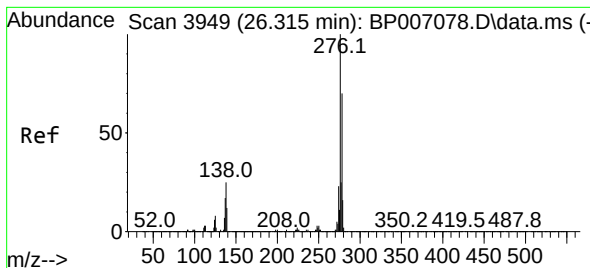
Delta R.T. -0.000 min

Lab File: BP007246.D

Acq: 29 Sep 2021 15:22

Tgt Ion:264	Resp: 1016453
Ion Ratio	Lower Upper
264 100	
260 23.9	18.6 28.0
265 22.7	17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.859 ng

RT: 26.286 min Scan# 3944

Delta R.T. -0.012 min

Lab File: BP007246.D

Acq: 29 Sep 2021 15:22

Instrument :

BNA_P

ClientSampleId :

RP-COMP-3

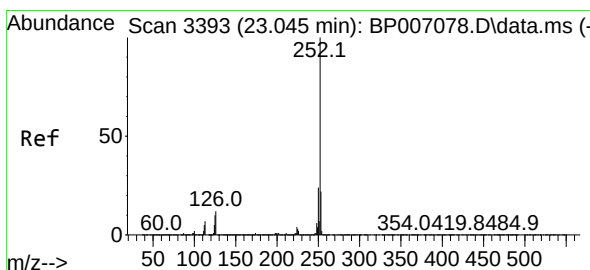
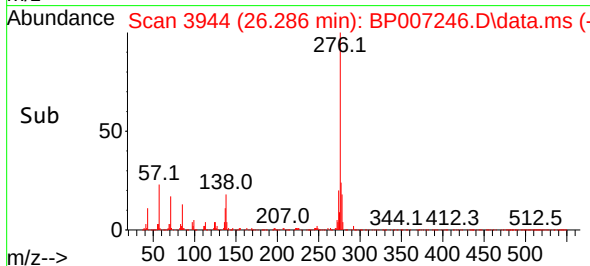
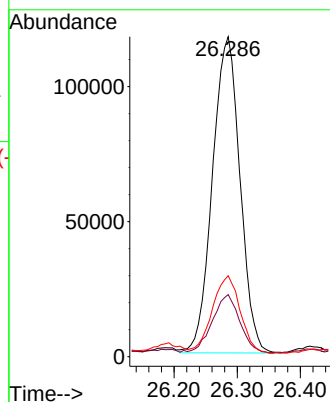
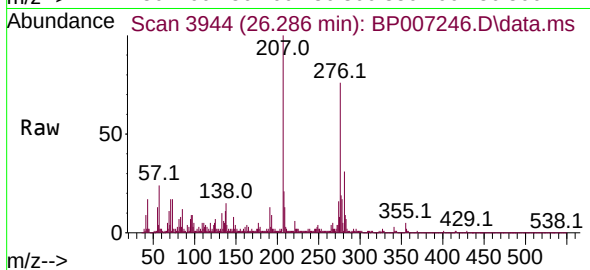
Tgt Ion:276 Resp: 354925

Ion Ratio Lower Upper

276 100

138 18.3 15.3 22.9

277 24.9 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 11.496 ng

RT: 23.027 min Scan# 3390

Delta R.T. -0.000 min

Lab File: BP007246.D

Acq: 29 Sep 2021 15:22

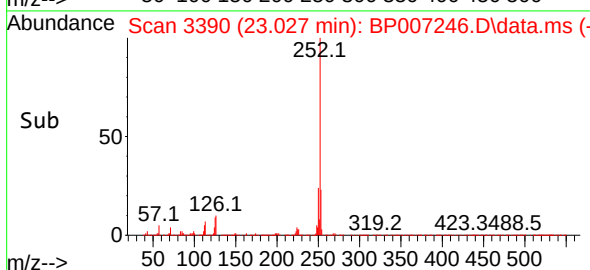
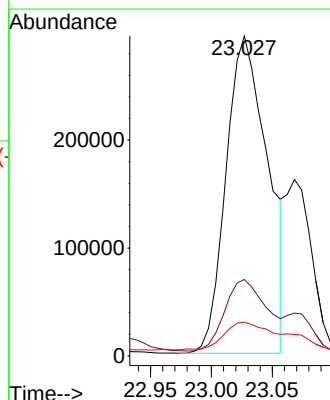
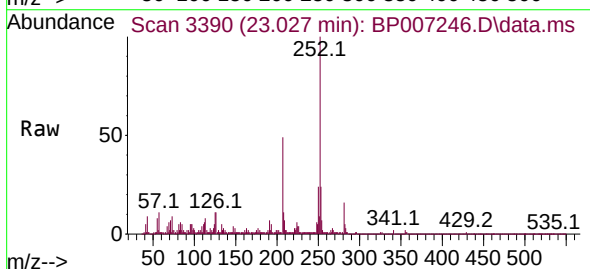
Tgt Ion:252 Resp: 698341

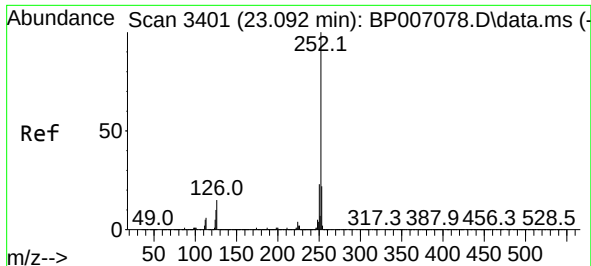
Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 10.6 6.2 9.4#

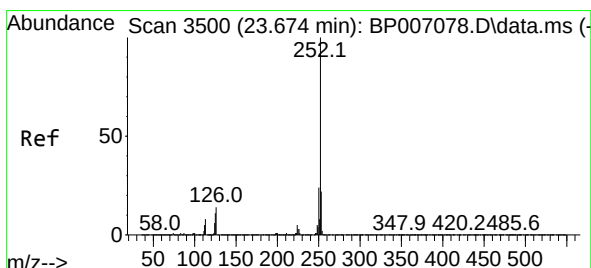
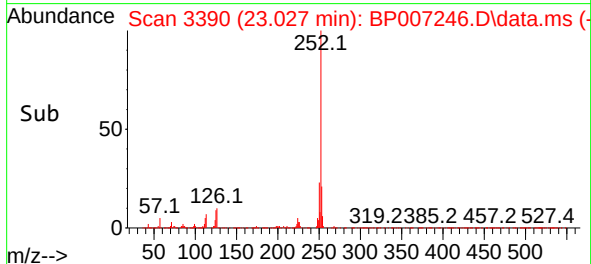
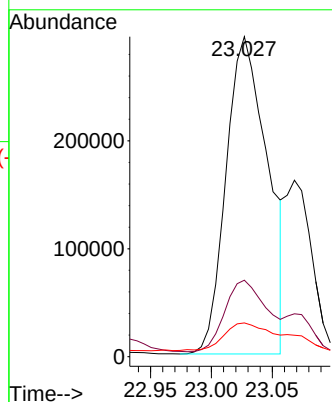
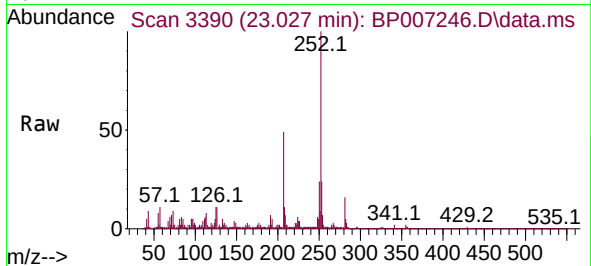




#89
Benzo(k)fluoranthene
Concen: 11.355 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.047 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

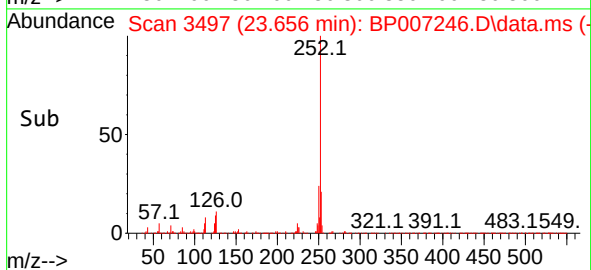
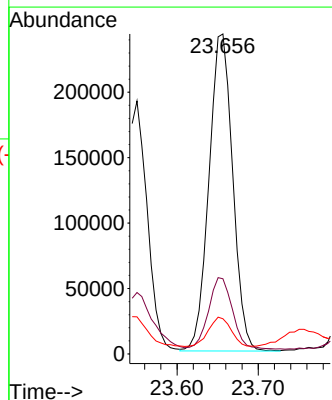
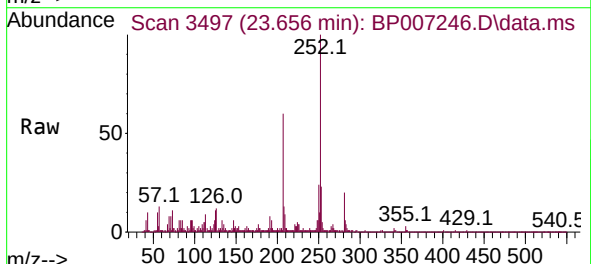
Instrument :
BNA_P
ClientSampleId :
RP-COMP-3

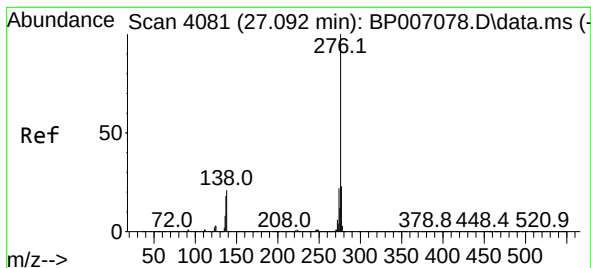
Tgt Ion:252 Resp: 698341
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 10.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 9.544 ng
RT: 23.656 min Scan# 3497
Delta R.T. -0.000 min
Lab File: BP007246.D
Acq: 29 Sep 2021 15:22

Tgt Ion:252 Resp: 492543
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 11.0 6.5 9.7#





#92

Benzo(g,h,i)perylene

Concen: 5.905 ng

RT: 27.062 min Scan# 4076

Delta R.T. -0.006 min

Lab File: BP007246.D

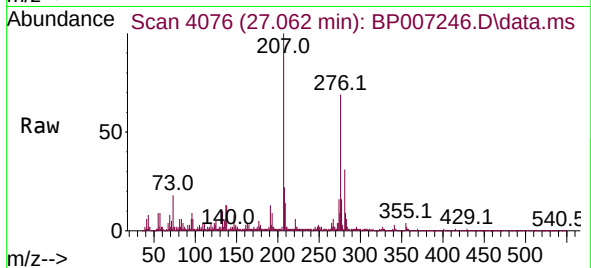
Acq: 29 Sep 2021 15:22

Instrument :

BNA_P

ClientSampleId :

RP-COMP-3



Tgt Ion:276 Resp: 352750

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 18.3 12.6 18.8

