

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003909.D
 Acq On : 10 Nov 2020 19:01
 Operator : CG/JU
 Sample : L4680-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B7-110520-DP

Manual Integrations
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mohammad
 11/11/2020 10:32:43 AM

Quant Time: Nov 11 00:12:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	143047	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	530177	20.00	ng	# 0.00
39) Acenaphthene-d10	14.898	164	292244	20.00	ng	0.00
64) Phenanthrene-d10	17.627	188	606120	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	576867	20.00	ng	0.00
86) Perylene-d12	24.139	264	622368	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	809590	94.46	ng	0.00
7) Phenol-d6	7.452	99	939311	76.34	ng	0.00
23) Nitrobenzene-d5	9.440	82	607827	56.15	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	333973	91.37	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1229540	58.82	ng	0.00
79) Terphenyl-d14	20.133	244	1506833	50.46	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.475	94	25041	2.11	ng	70
49) Acenaphthylene	14.622	152	74527	2.73	ng	98
50) Dimethylphthalate	14.322	163	239560	10.49	ng	99
71) Phenanthrene	17.675	178	976024	28.69	ng	99
72) Anthracene	17.763	178	222697	6.78	ng	98
75) Fluoranthene	19.610	202	1662047	42.34	ng	99
78) Pyrene	19.963	202	1818661	46.46	ng	99
81) Benzo(a)anthracene	21.645	228	917694	24.12	ng	98
83) Chrysene	21.704	228	826686	22.62	ng	96
87) Indeno(1,2,3-cd)pyrene	26.692	276	482545	10.75	ng	# 95
88) Benzo(b)fluoranthene	23.392	252	961882m	23.62	ng	
89) Benzo(k)fluoranthene	23.427	252	274529m	6.83	ng	
90) Benzo(a)pyrene	24.033	252	769584	20.41	ng	97
91) Dibenzo(a,h)anthracene	26.686	278	138625	3.70	ng	# 85
92) Benzo(g,h,i)perylene	27.486	276	504898	13.94	ng	97

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

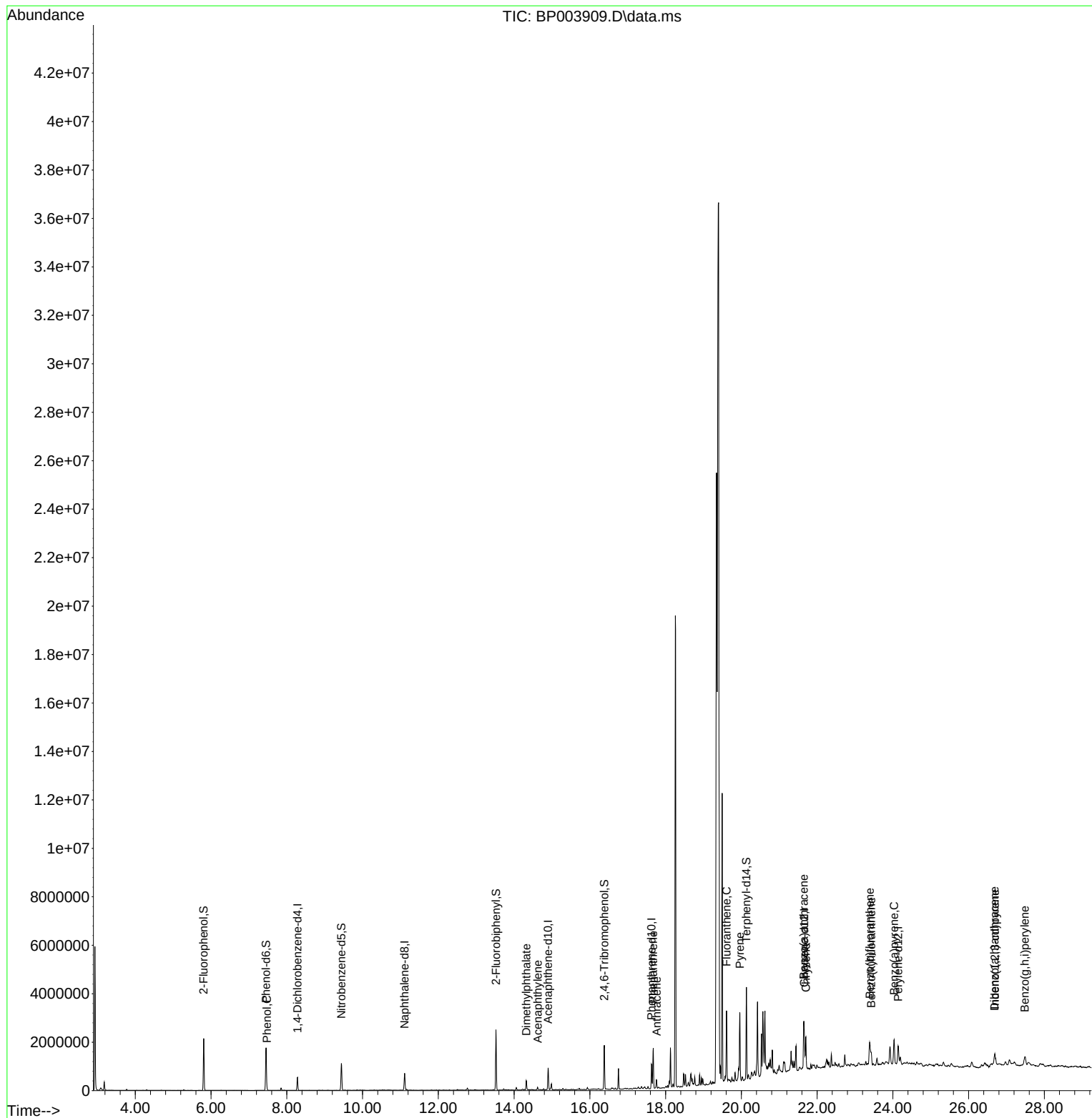
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
Data File : BP003909.D
Acq On : 10 Nov 2020 19:01
Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

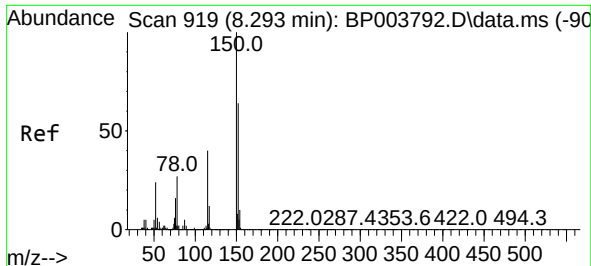
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Quant Time: Nov 11 00:12:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration





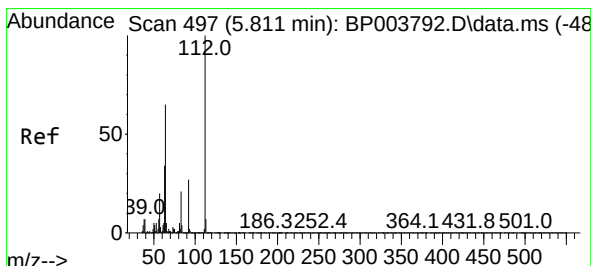
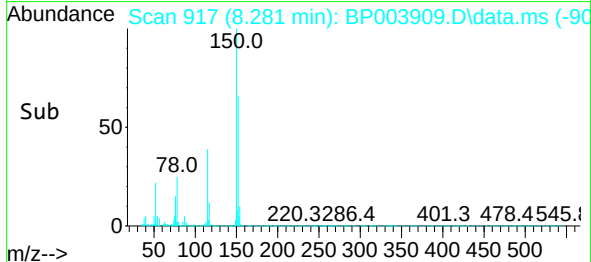
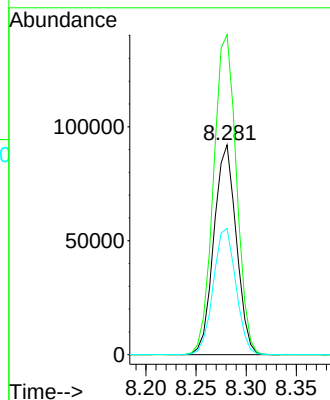
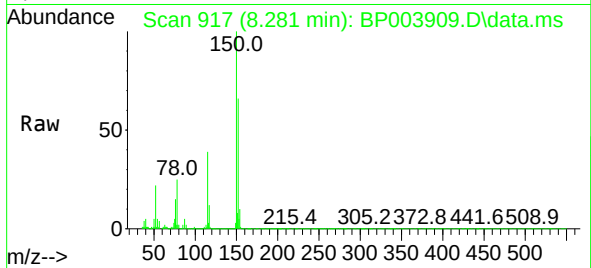
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:152 Resp: 143047
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 60.2 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP

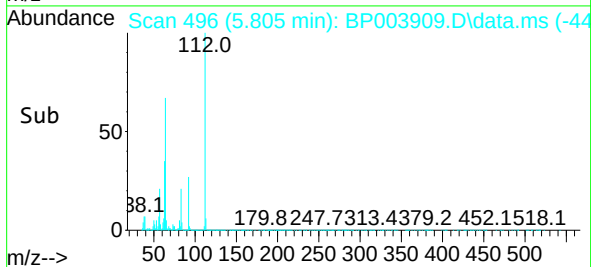
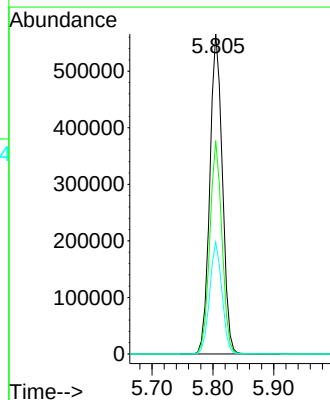
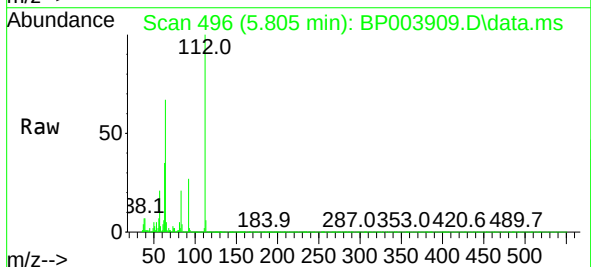
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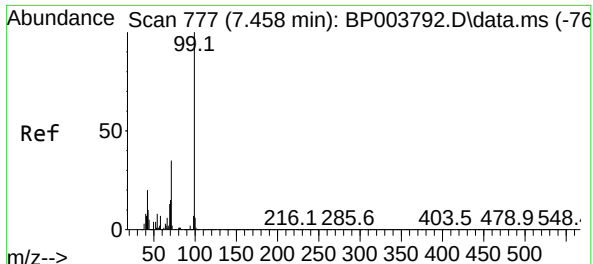
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#5
2-Fluorophenol
Concen: 94.46 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

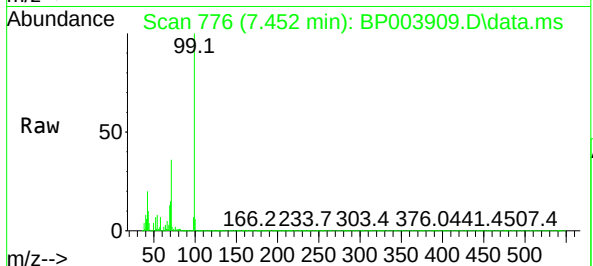
Tgt Ion:112 Resp: 809590
Ion Ratio Lower Upper
112 100
64 66.6 32.8 49.2#
63 35.0 17.0 25.4#





#7
Phenol-d6
Concen: 76.34 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

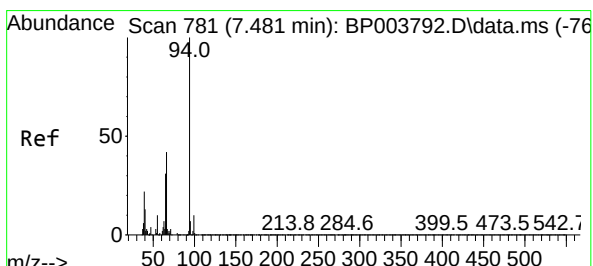
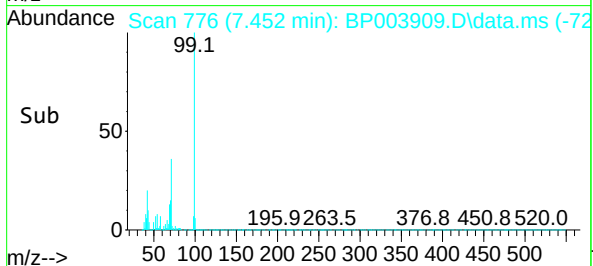
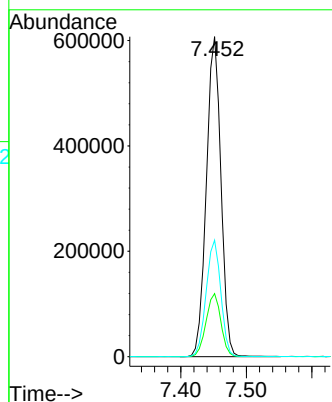
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 939311
Ion Ratio Lower Upper
99 100
42 19.7 8.6 13.0#
71 36.4 23.4 35.2#

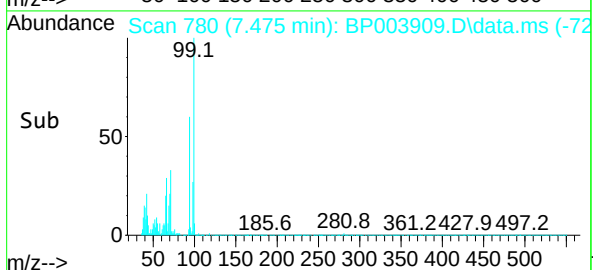
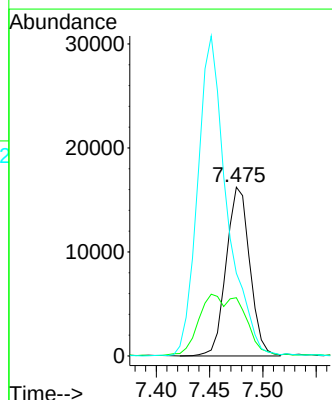
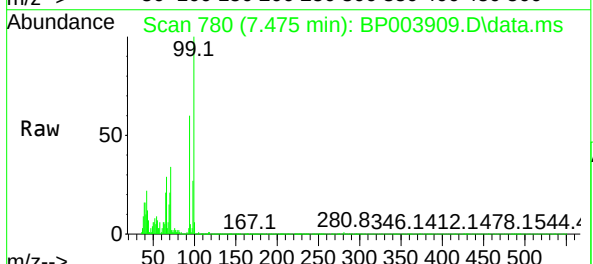
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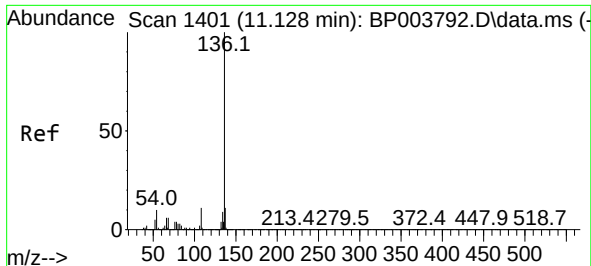
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#10
Phenol
Concen: 2.11 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion: 94 Resp: 25041
Ion Ratio Lower Upper
94 100
65 34.5 2.3 42.3
66 49.0 10.9 50.9





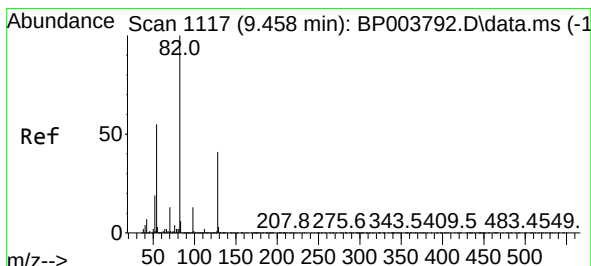
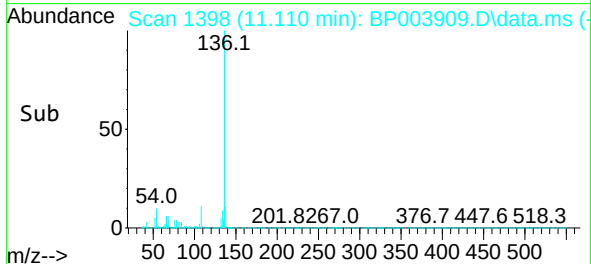
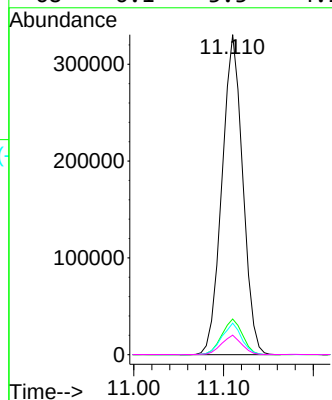
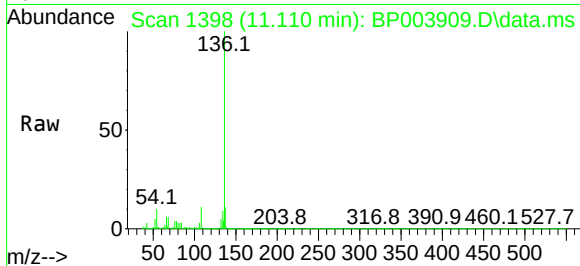
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:	136	Resp:	530177
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.8	3.6	5.4#
68	6.1	3.3	4.9#

Instrument :
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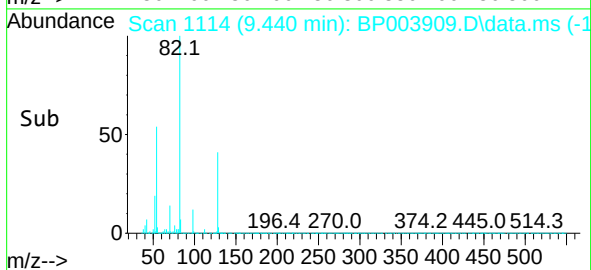
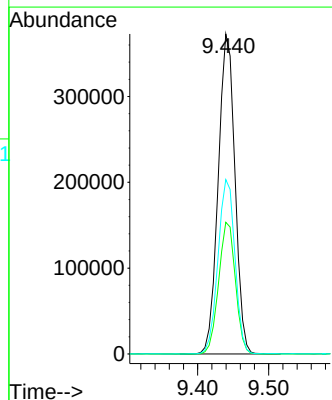
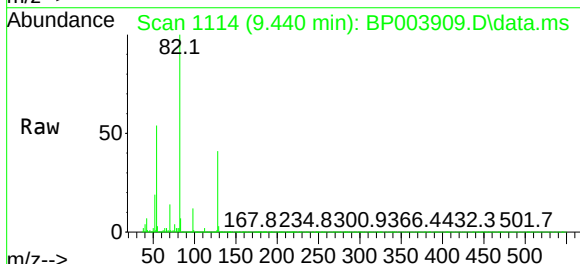
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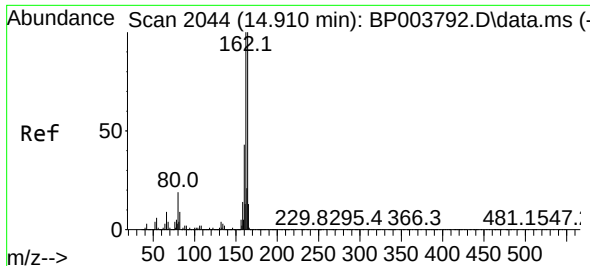
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#23
Nitrobenzene-d5
Concen: 56.15 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

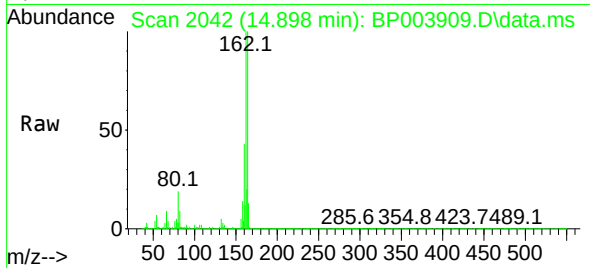
Tgt Ion:	82	Resp:	607827
Ion Ratio	Lower	Upper	
82	100		
128	41.1	45.6	68.4#
54	54.5	30.1	45.1#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

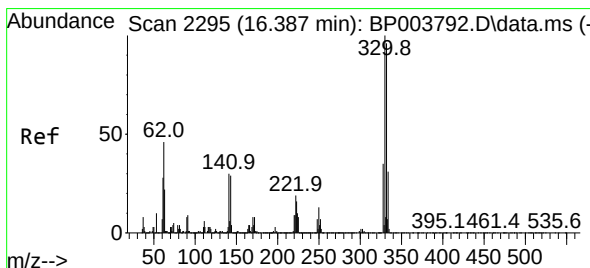
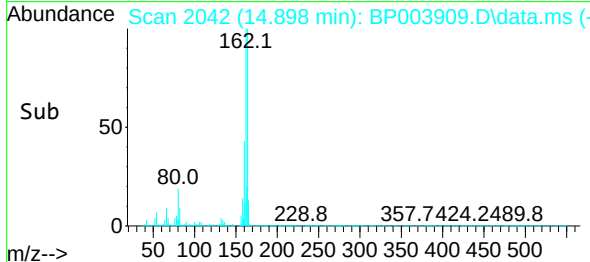
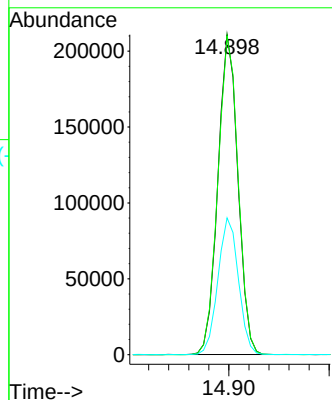
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Tgt Ion:164 Resp: 292244
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.2
160 42.7 36.1 54.1

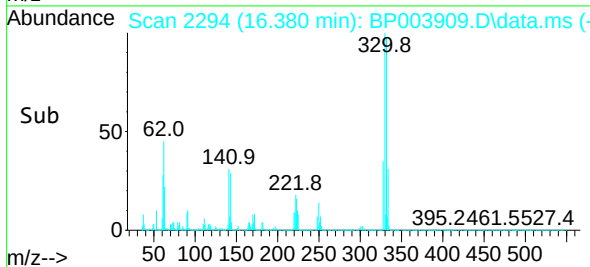
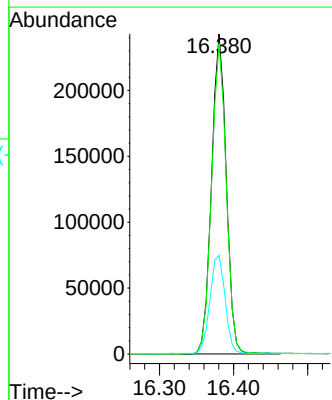
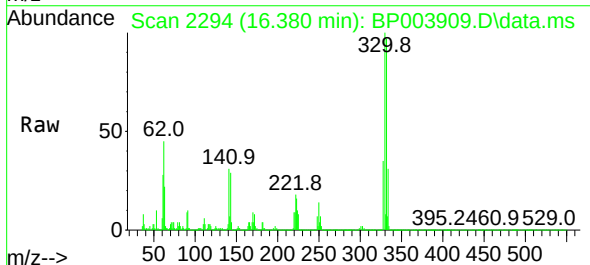
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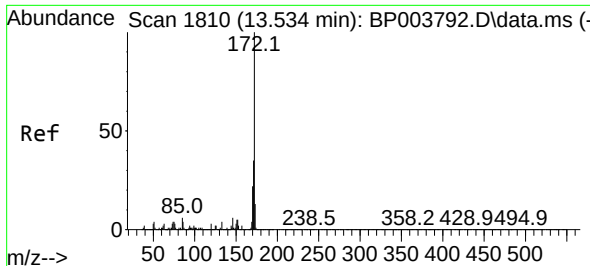
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#42
2,4,6-Tribromophenol
Concen: 91.37 ng
RT: 16.380 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

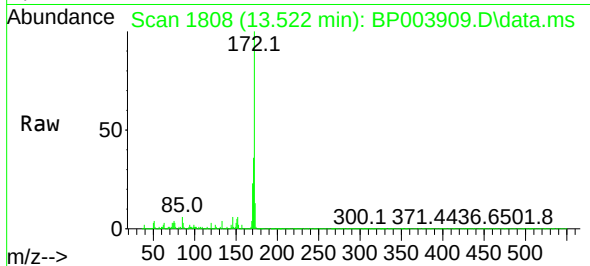
Tgt Ion:330 Resp: 333973
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.6 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 58.82 ng
RT: 13.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

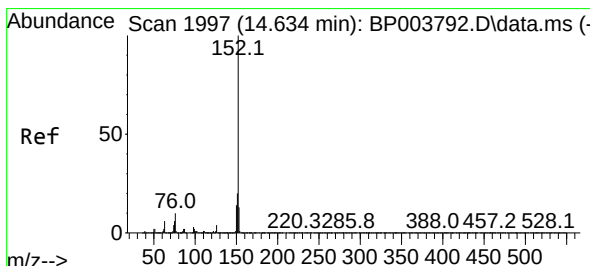
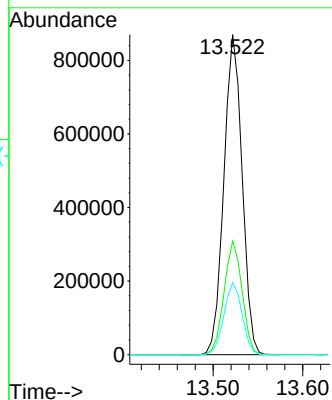
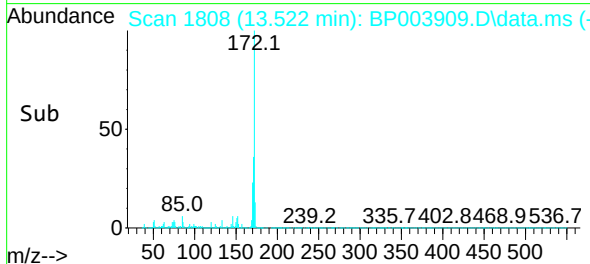
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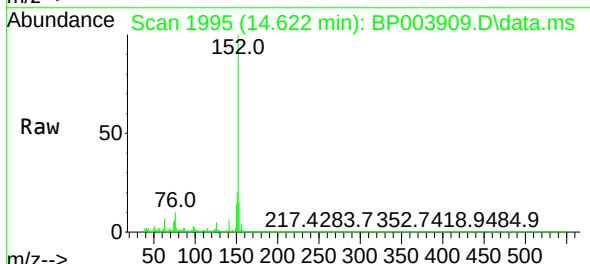
Tgt Ion:172 Resp: 1229540
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.5 19.2 28.8

Manual Integrations
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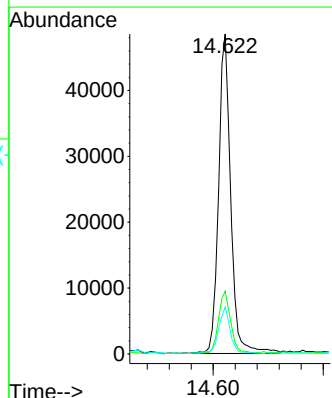
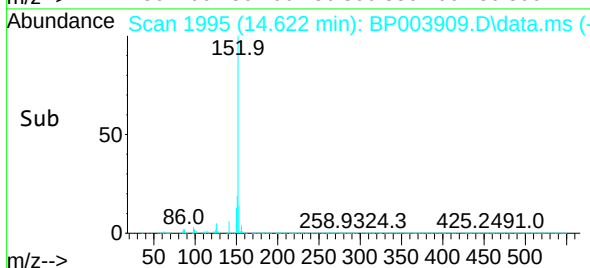
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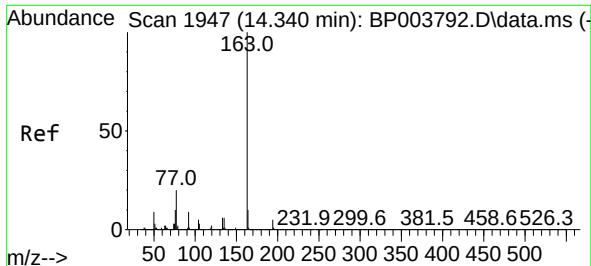


#49
Acenaphthylene
Concen: 2.73 ng
RT: 14.622 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01



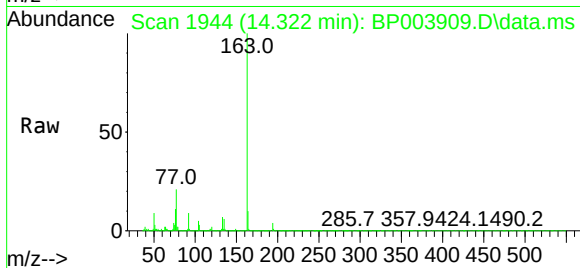
Tgt Ion:152 Resp: 74527
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 14.7 10.5 15.7





#50
Dimethylphthalate
Concen: 10.49 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

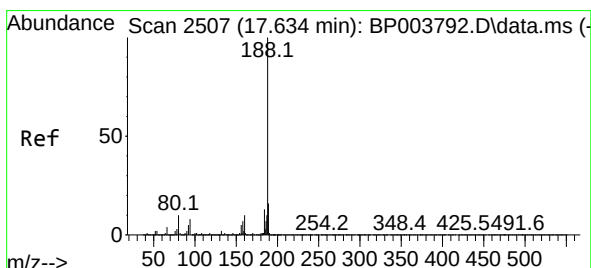
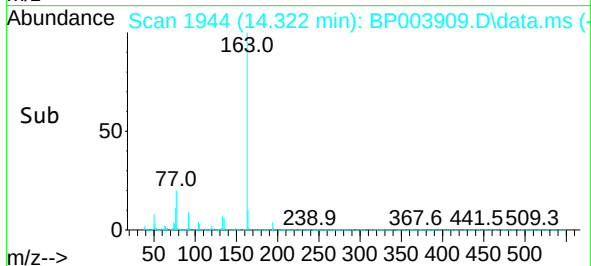
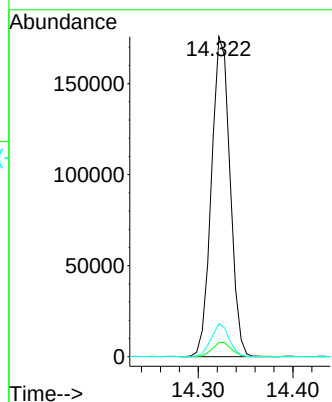
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Tgt Ion:163 Resp: 239560
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.4 8.2 12.2

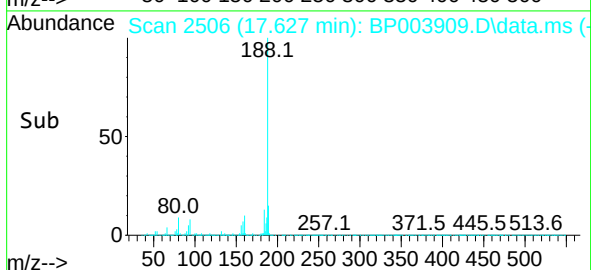
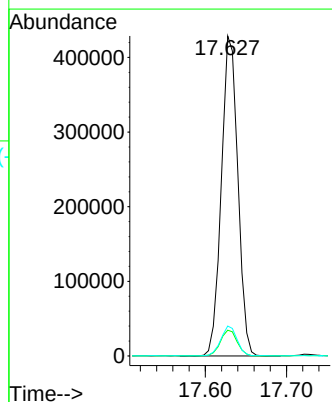
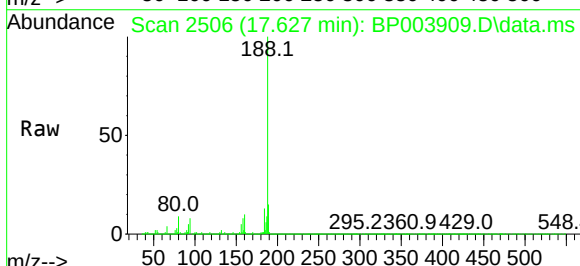
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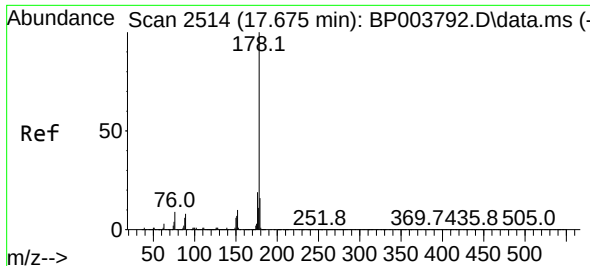
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.627 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

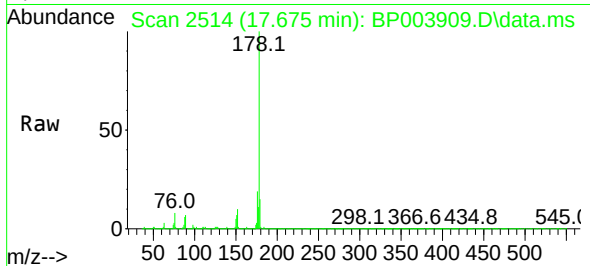
Tgt Ion:188 Resp: 606120
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.3 6.2 9.2#





#71
Phenanthrene
Concen: 28.69 ng
RT: 17.675 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

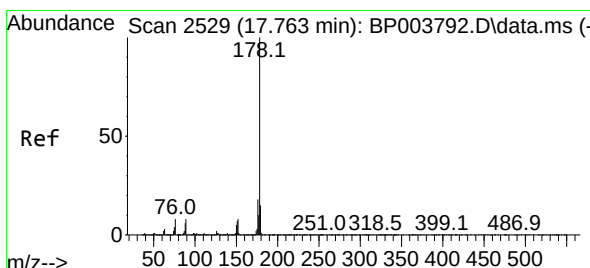
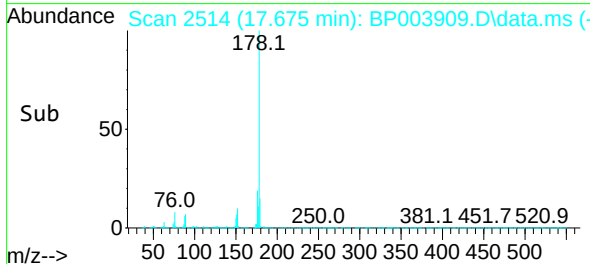
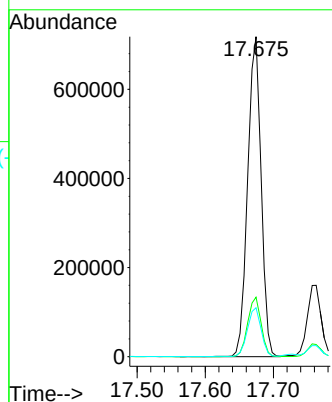
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP



Tgt Ion:178 Resp: 976024
Ion Ratio Lower Upper
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176 18.6 15.3 22.9
179 15.3 12.5 18.7

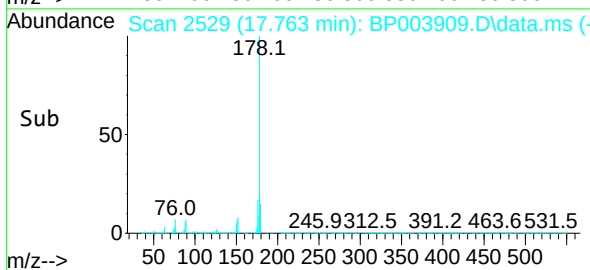
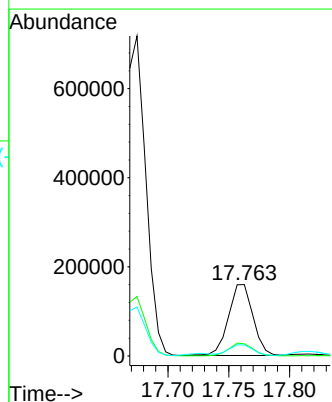
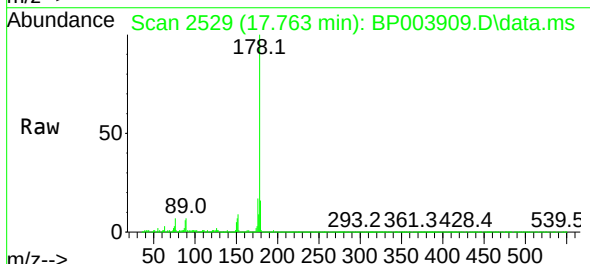
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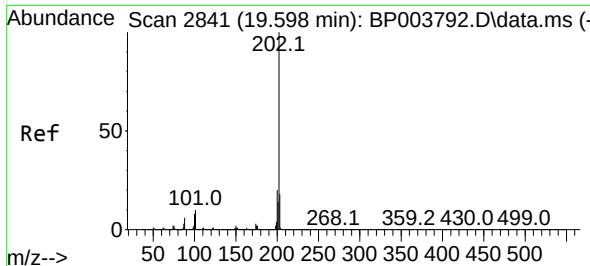
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#72
Anthracene
Concen: 6.78 ng
RT: 17.763 min Scan# 2529
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

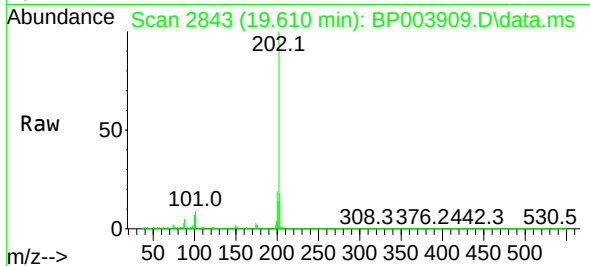
Tgt Ion:178 Resp: 222697
Ion Ratio Lower Upper
178 100
176 17.2 15.0 22.4
179 15.6 12.5 18.7





#75
Fluoranthene
Concen: 42.34 ng
RT: 19.610 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

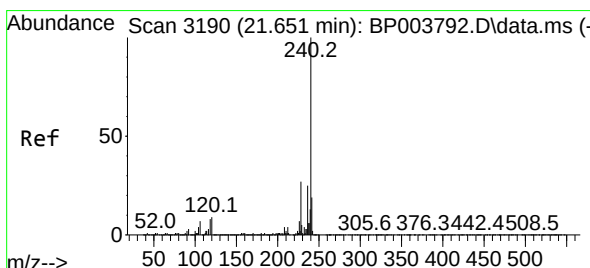
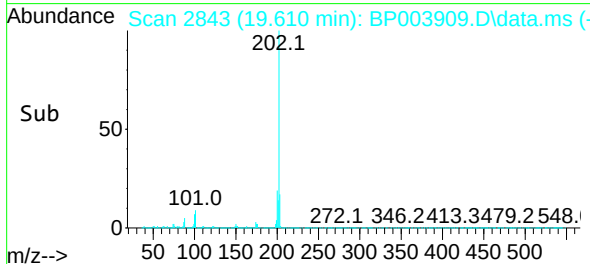
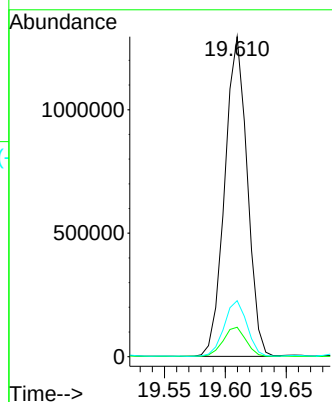
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 1662047
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 17.5 0.0 37.8

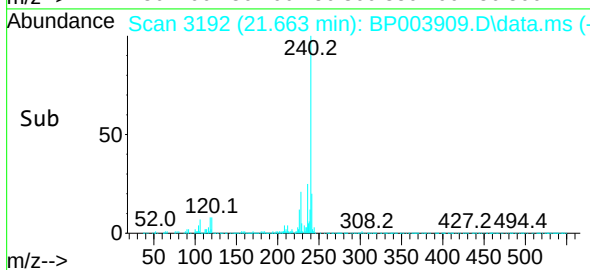
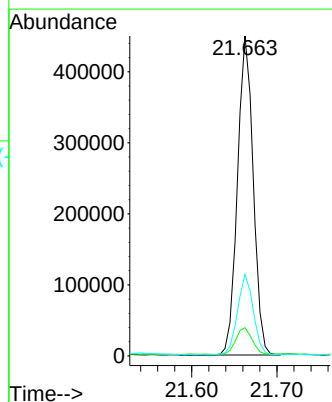
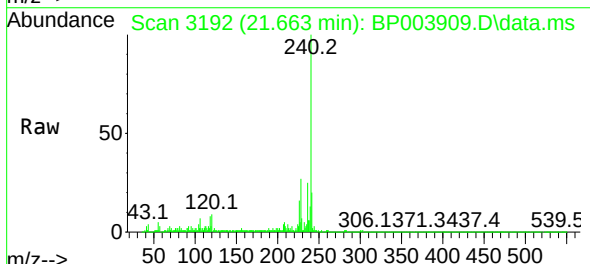
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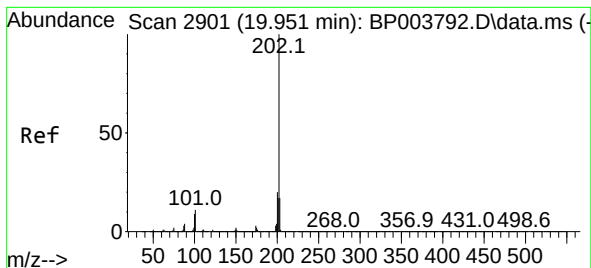
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Tgt Ion:240 Resp: 576867
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.4 20.8 31.2





#78

Pyrene

Concen: 46.46 ng

RT: 19.963 min Scan# 2903

Delta R.T. 0.012 min

Lab File: BP003909.D

Acq: 10 Nov 2020 19:01

Tgt Ion:202 Resp: 1818661

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.1	25.7
203	17.6	14.2	21.2

Instrument :

BNA_P

ClientSampleId :

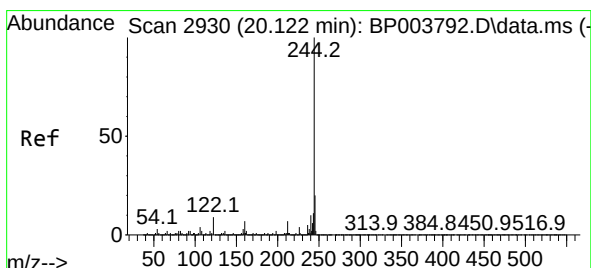
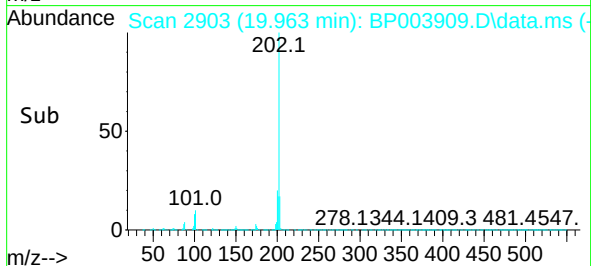
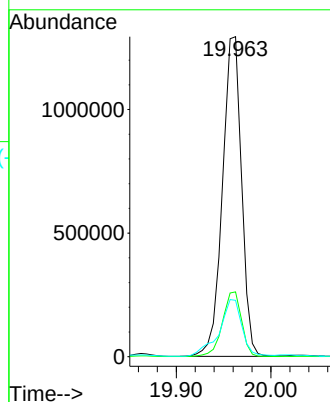
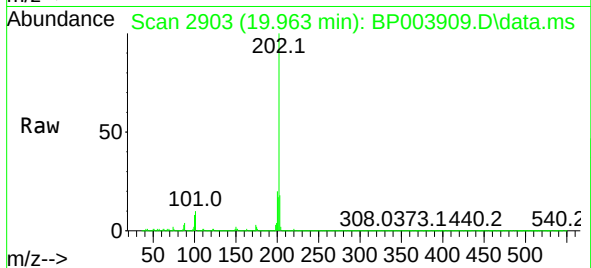
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#79

Terphenyl-d14

Concen: 50.46 ng

RT: 20.133 min Scan# 2932

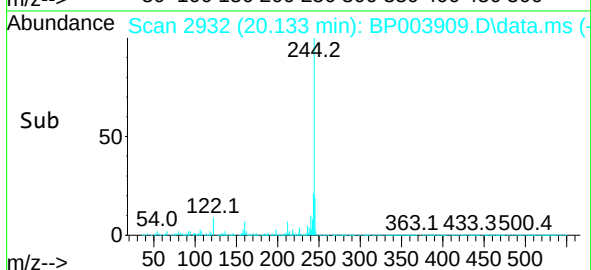
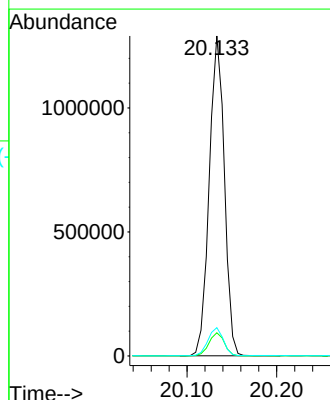
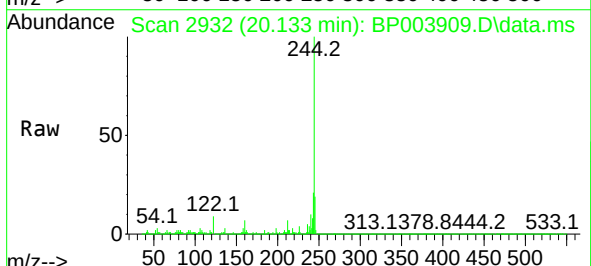
Delta R.T. 0.006 min

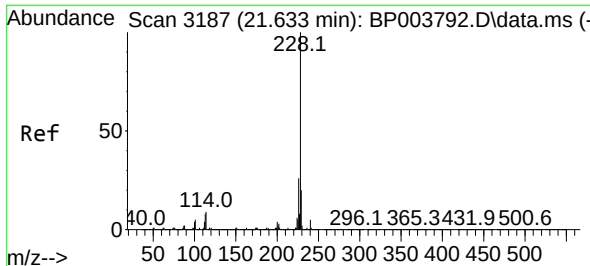
Lab File: BP003909.D

Acq: 10 Nov 2020 19:01

Tgt Ion:244 Resp: 1506833

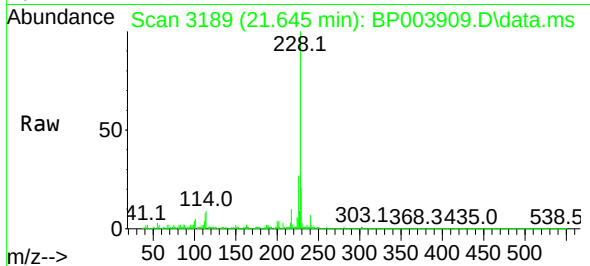
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.8	7.8	11.8





#81
Benzo(a)anthracene
Concen: 24.12 ng
RT: 21.645 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

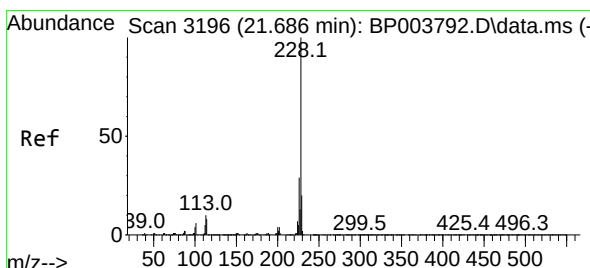
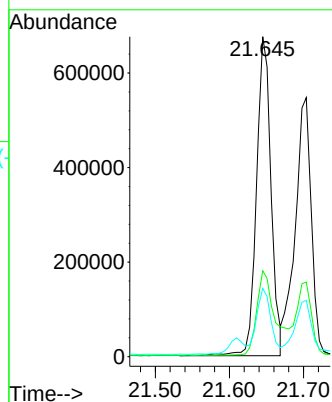
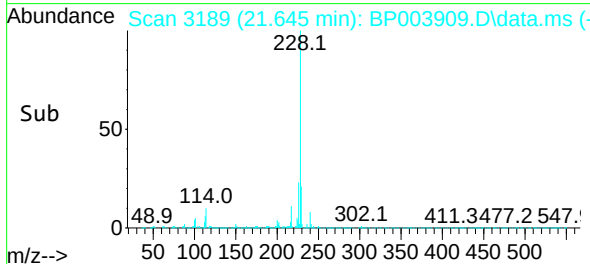
Instrument :
BNA_P
ClientSampleId :
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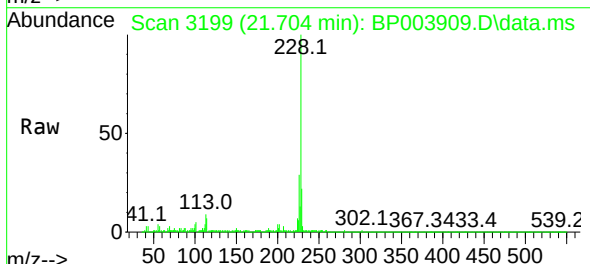
Tgt Ion:228 Resp: 917694
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 21.4 15.9 23.9

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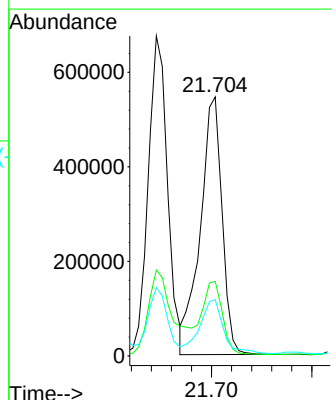
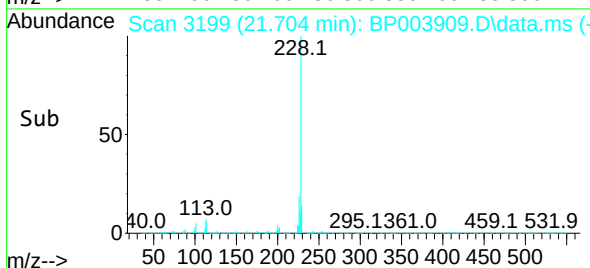
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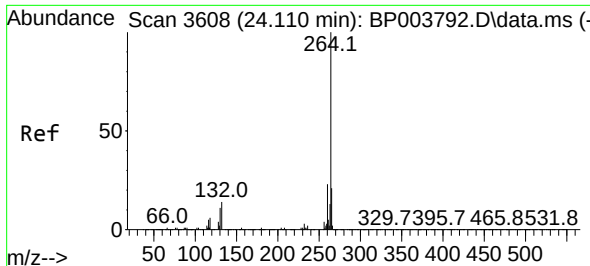


#83
Chrysene
Concen: 22.62 ng
RT: 21.704 min Scan# 3199
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

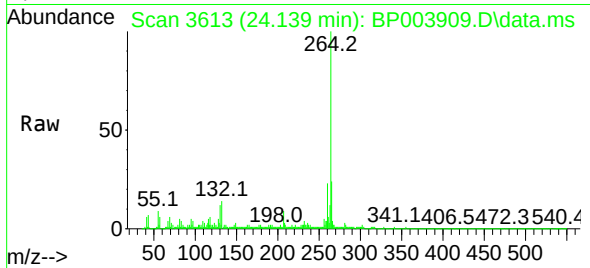


Tgt Ion:228 Resp: 826686
Ion Ratio Lower Upper
228 100
226 28.8 24.4 36.6
229 21.7 15.8 23.6

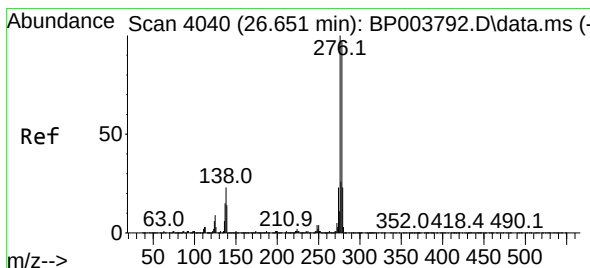
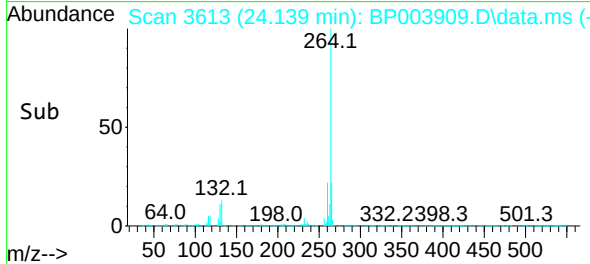
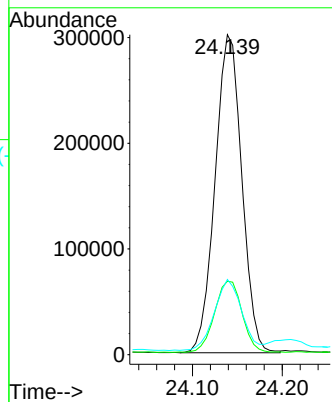




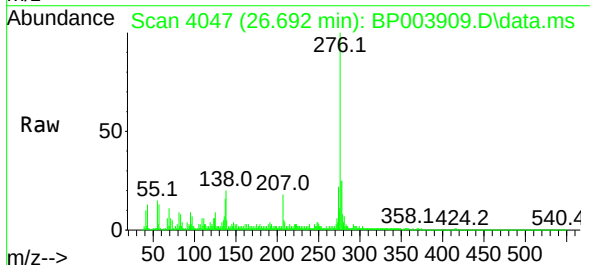
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01



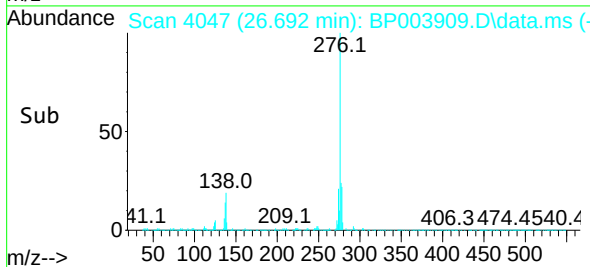
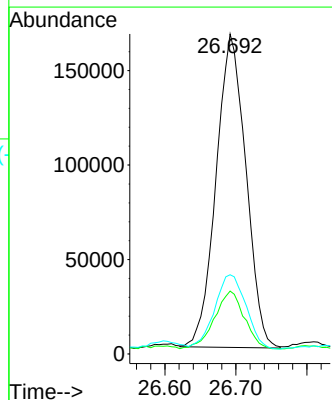
Tgt Ion: 264 Resp: 622368
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 23.5 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 10.75 ng
RT: 26.692 min Scan# 4047
Delta R.T. 0.006 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01



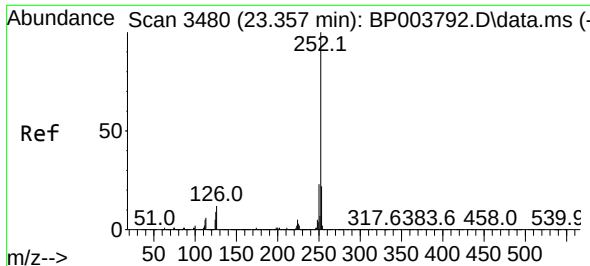
Tgt Ion: 276 Resp: 482545
Ion Ratio Lower Upper
276 100
138 18.4 18.7 28.1#
277 25.2 20.4 30.6



Instrument :
BNA_P
ClientSampleId :
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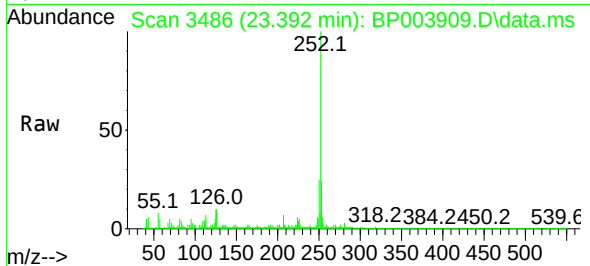
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#88
Benzo(b)fluoranthene
Concen: 23.62 ng m
RT: 23.392 min Scan# 3486
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

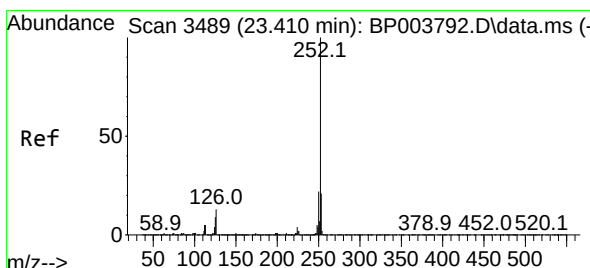
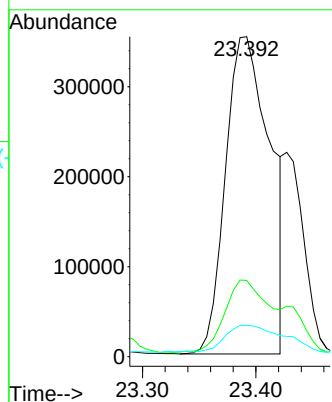
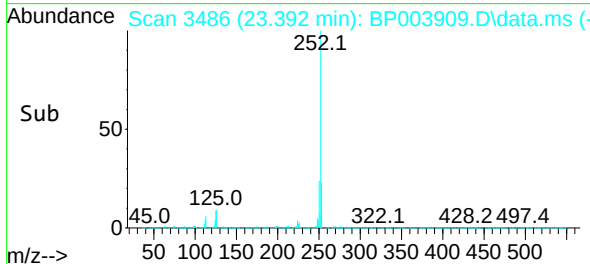
Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP



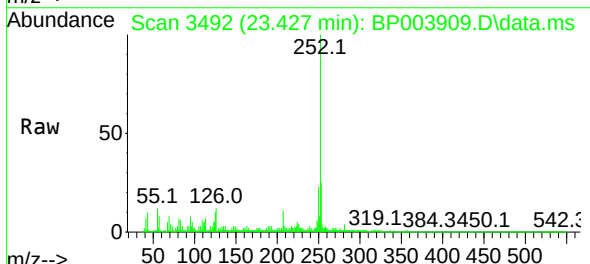
Tgt Ion:252 Resp: 961882
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 9.8 7.3 10.9

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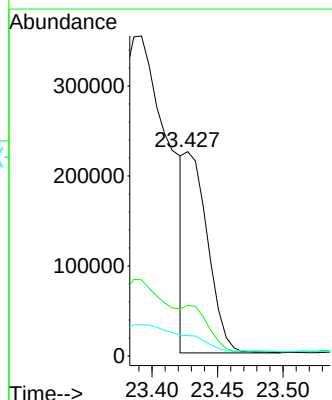
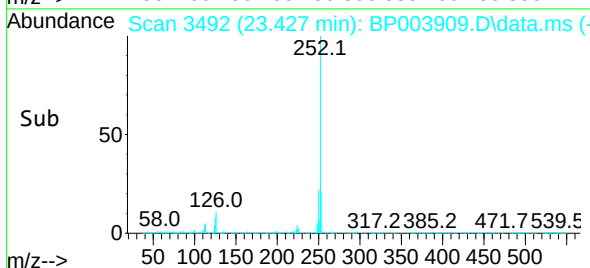
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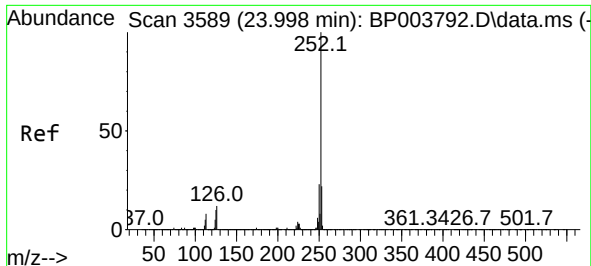


#89
Benzo(k)fluoranthene
Concen: 6.83 ng m
RT: 23.427 min Scan# 3492
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01



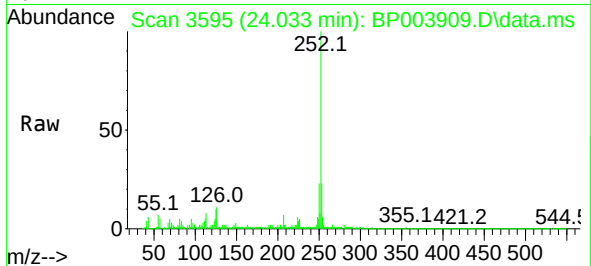
Tgt Ion:252 Resp: 274529
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 10.0 7.4 11.2





#90
Benzo(a)pyrene
Concen: 20.41 ng
RT: 24.033 min Scan# 3595
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

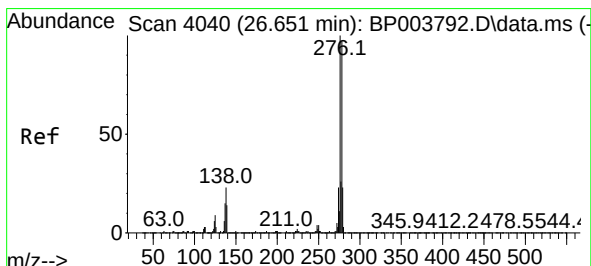
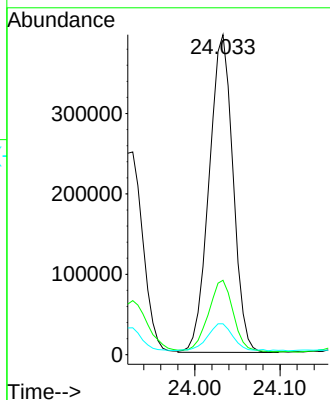
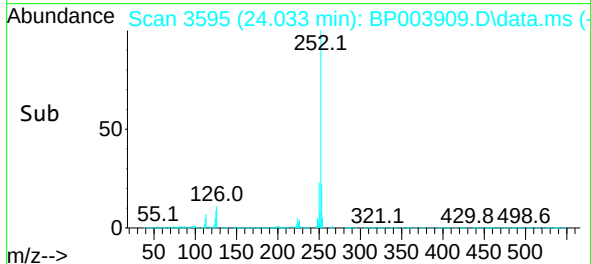
Instrument :
BNA_P
ClientSampleId :
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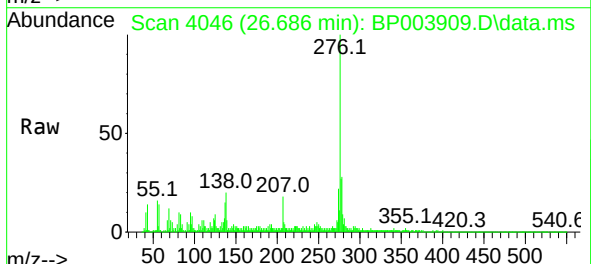
Tgt Ion:252 Resp: 769584
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.7 8.2 12.4

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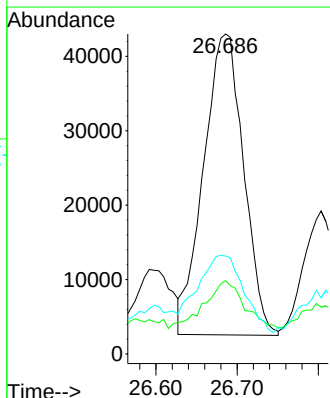
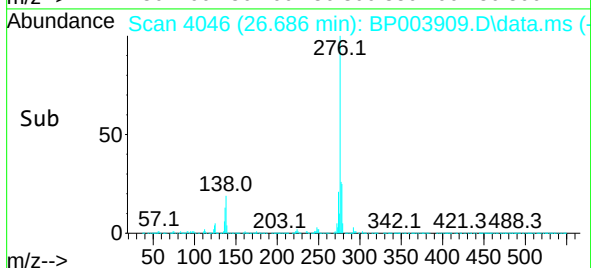
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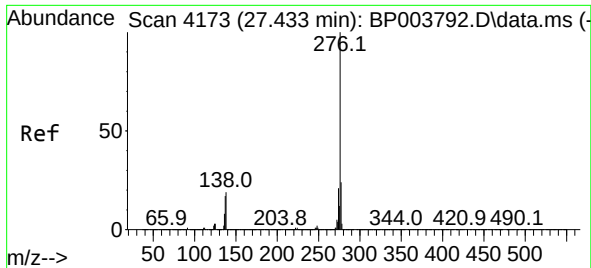


#91
Dibenzo(a,h)anthracene
Concen: 3.70 ng
RT: 26.686 min Scan# 4046
Delta R.T. -0.000 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01



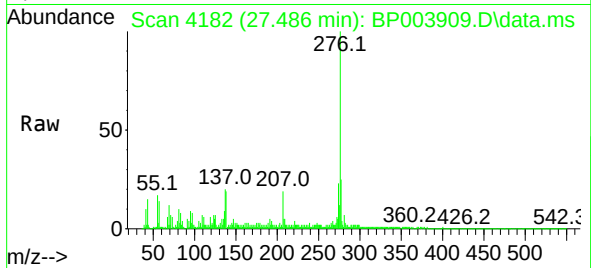
Tgt Ion:278 Resp: 138625
Ion Ratio Lower Upper
278 100
139 22.9 12.4 18.6#
279 30.6 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 13.94 ng
RT: 27.486 min Scan# 4182
Delta R.T. 0.012 min
Lab File: BP003909.D
Acq: 10 Nov 2020 19:01

Instrument :
BNA_P
ClientSampleId :
PAV-B7-110520-DP



Tgt Ion: 276 Resp: 504898
Ion Ratio Lower Upper
276 100
277 24.9 19.0 28.6
138 18.6 16.6 24.8

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