

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
 Data File : BP005662.D
 Acq On : 01 Jun 2021 18:45
 Operator : CG/JU
 Sample : M2565-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-052821

Manual Integrations
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 6/2/2021 10:52:46 AM

Quant Time: Jun 02 01:47:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	217590	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	798330	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	473664	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	1035263	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1191143	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1346749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1463668	104.58	ng	0.00
7) Phenol-d6	7.146	99	1777667	93.17	ng	0.00
23) Nitrobenzene-d5	9.146	82	1128119	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	784729	129.20	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2457706	68.67	ng	0.00
79) Terphenyl-d14	19.892	244	4299432	67.73	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.328	152	234878	4.82	ng	98
50) Dimethylphthalate	14.057	163	95953	2.55	ng	# 96
58) Fluorene	15.645	166	107830	2.78	ng	99
71) Phenanthrene	17.392	178	1164956	18.06	ng	99
72) Anthracene	17.481	178	331362	5.20	ng	99
75) Fluoranthene	19.345	202	1275147	16.47	ng	95
78) Pyrene	19.698	202	1598558	19.02	ng	99
81) Benzo(a)anthracene	21.398	228	719687	8.23	ng	92
83) Chrysene	21.451	228	692446	8.18	ng	97
87) Indeno(1,2,3-cd)pyrene	26.415	276	369662	3.23	ng	# 92
88) Benzo(b)fluoranthene	23.110	252	756641m	7.74	ng	
89) Benzo(k)fluoranthene	23.157	252	205326m	2.22	ng	
90) Benzo(a)pyrene	23.745	252	625295	7.03	ng	# 89
92) Benzo(g,h,i)perylene	27.209	276	420326	4.38	ng	# 89

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

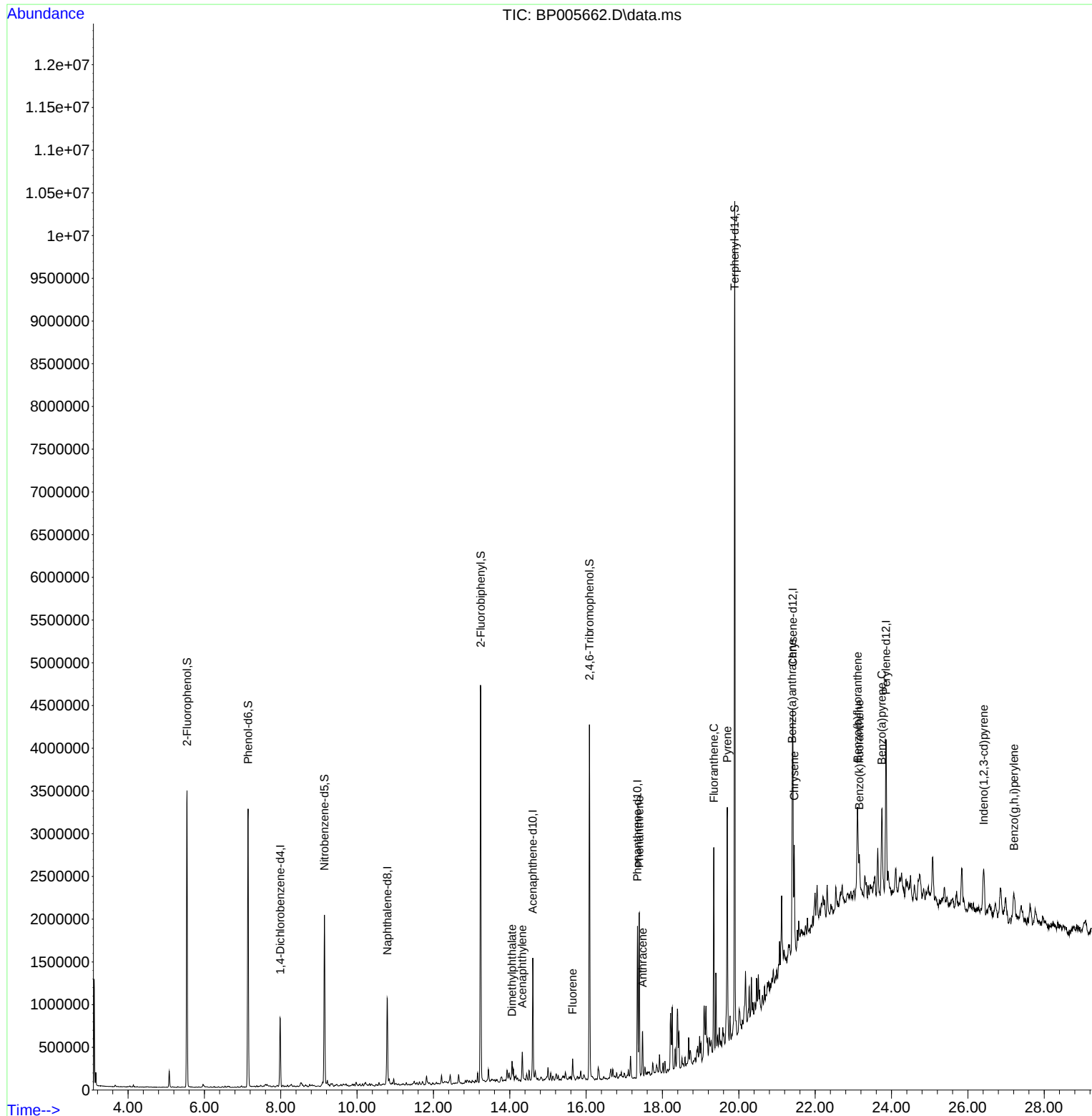
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005662.D
Acq On : 01 Jun 2021 18:45
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ALS Vial : 11 Sample Multiplier: 1

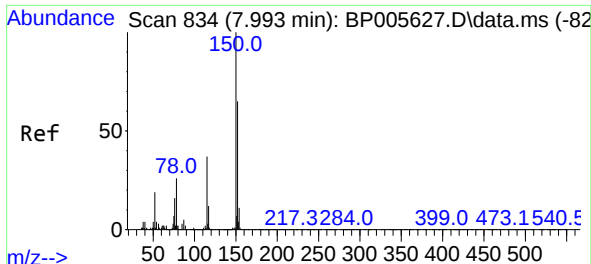
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
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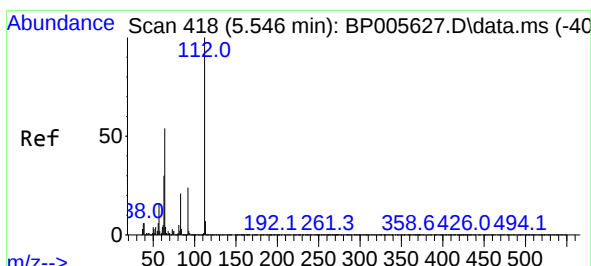
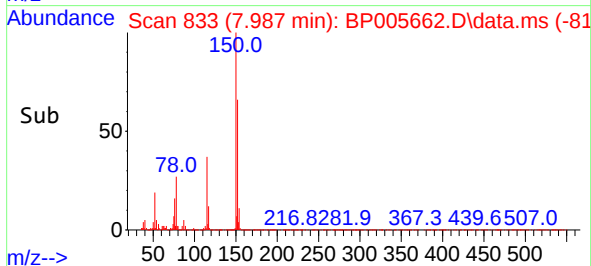
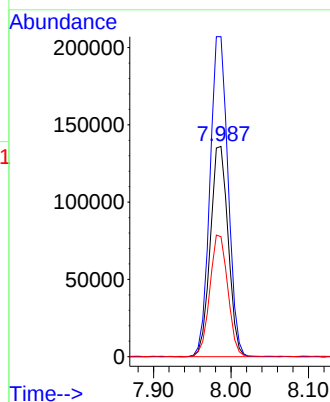
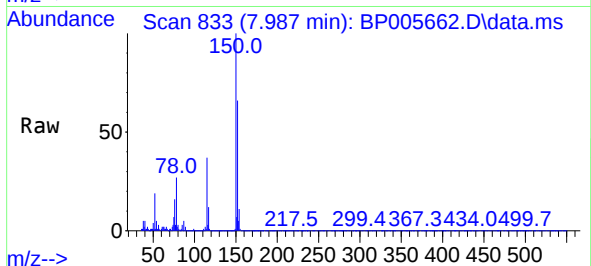
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:152 Resp: 217590
Ion Ratio Lower Upper
152 100
150 152.2 119.8 179.8
115 57.1 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
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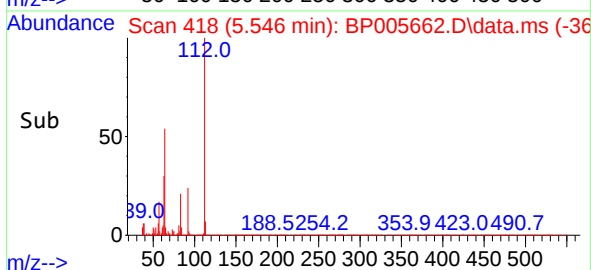
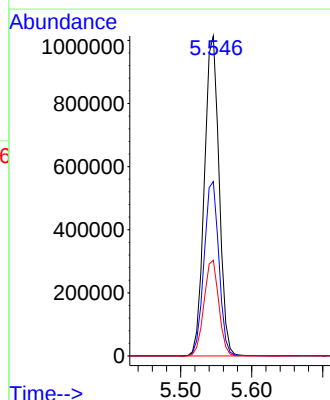
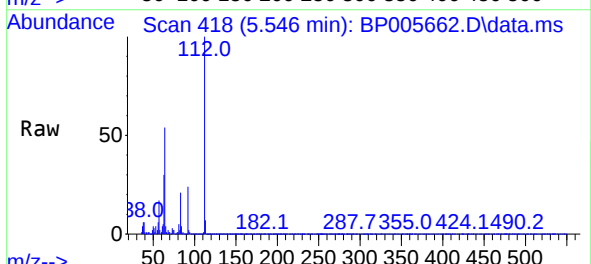
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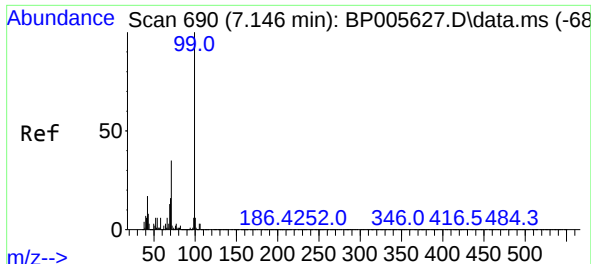
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#5
2-Fluorophenol
Concen: 104.58 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

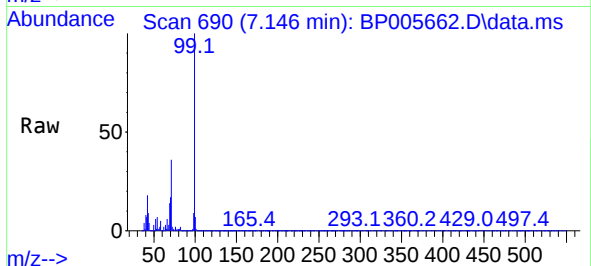
Tgt Ion:112 Resp: 1463668
Ion Ratio Lower Upper
112 100
64 54.5 33.6 50.4#
63 29.9 18.6 27.8#





#7
Phenol-d6
Concen: 93.17 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

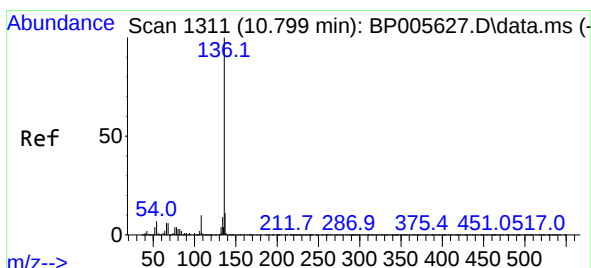
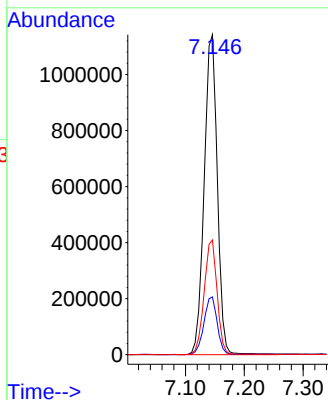
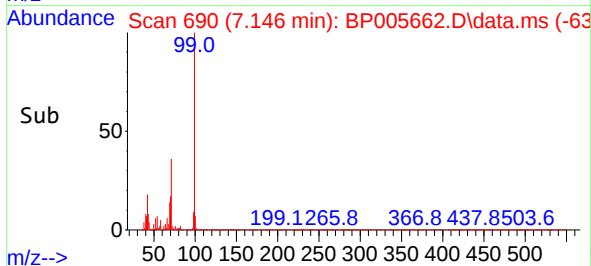


Tgt Ion: 99 Resp: 1777667

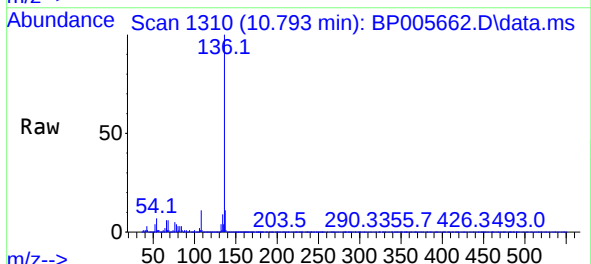
Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.9	19.3
71	35.9	26.7	40.1

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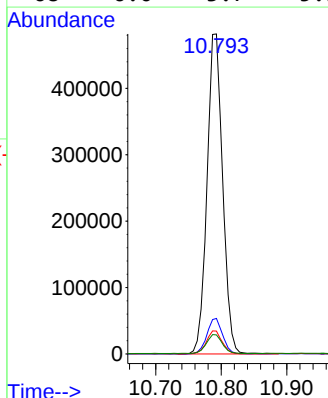
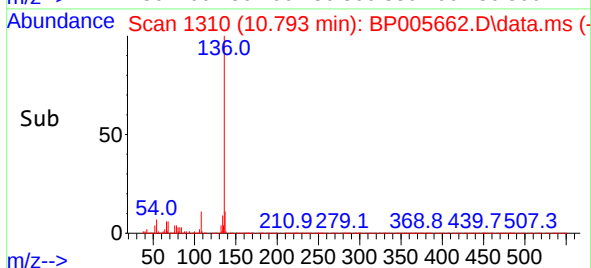


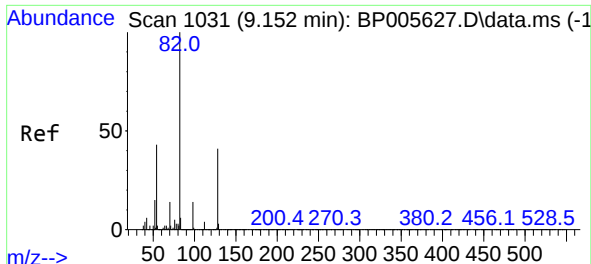
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45



Tgt Ion: 136 Resp: 798330

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	5.0	7.4
68	6.0	3.7	5.5





#23
Nitrobenzene-d5
Concen: 78.59 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

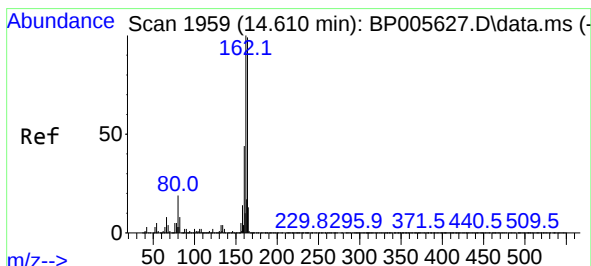
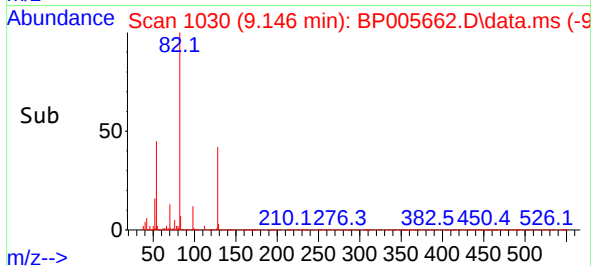
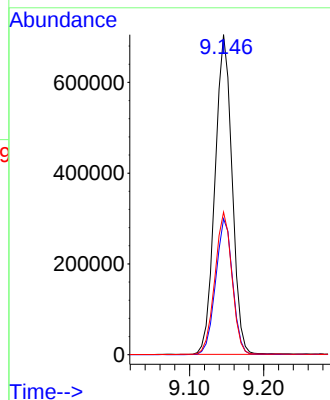
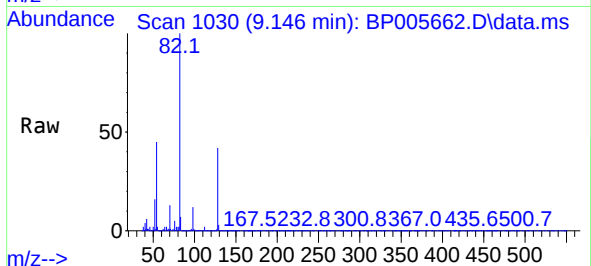
Tgt Ion: 82 Resp: 1128119

Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.5	45.7
54	44.5	33.9	50.9

Instrument :
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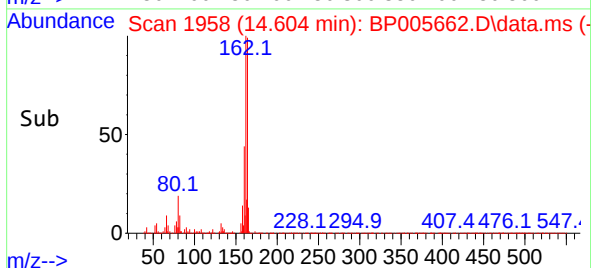
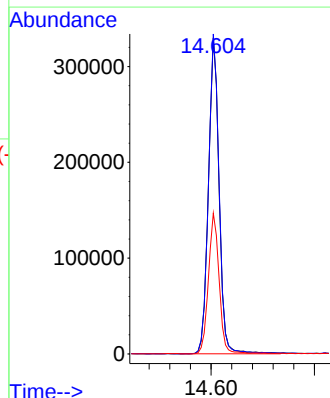
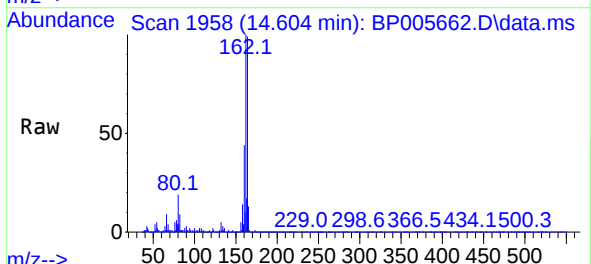
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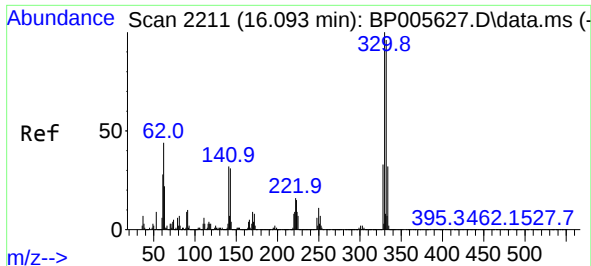


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion: 164 Resp: 473664

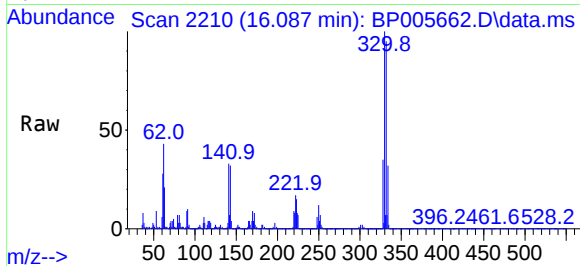
Ion	Ratio	Lower	Upper
164	100		
162	101.2	73.5	110.3
160	44.6	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 129.20 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

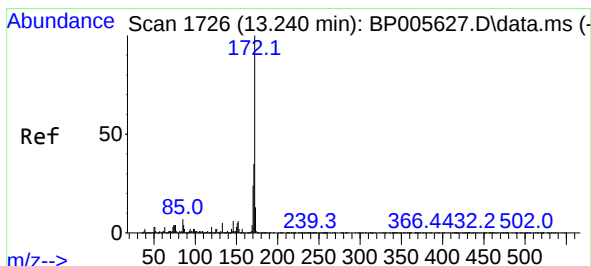
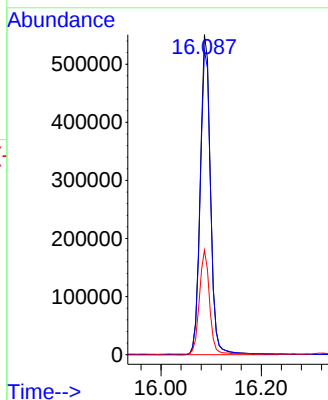
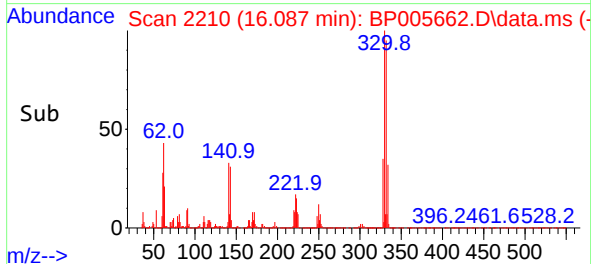
Instrument :
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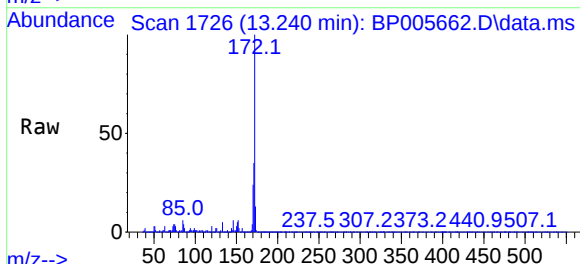
Tgt Ion:330 Resp: 784729
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 31.4 22.8 34.2

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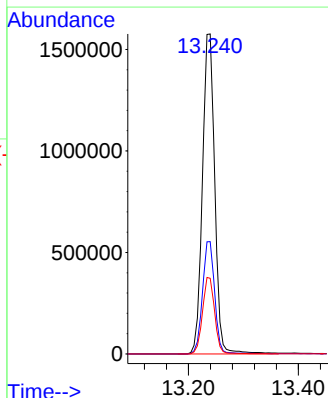
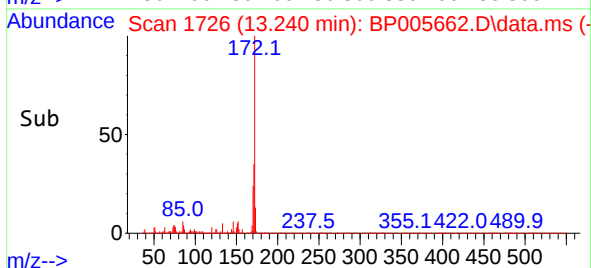
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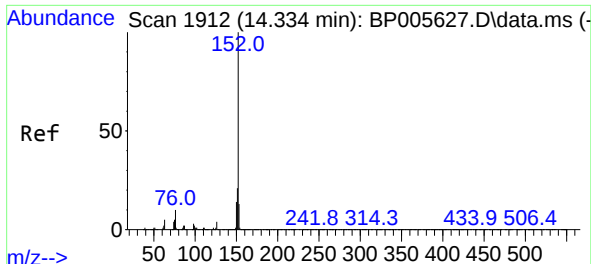


#45
2-Fluorobiphenyl
Concen: 68.67 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45



Tgt Ion:172 Resp: 2457706
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 19.6 29.4





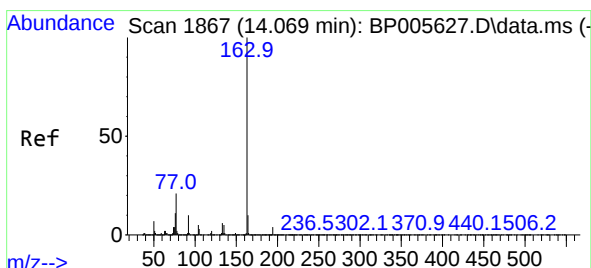
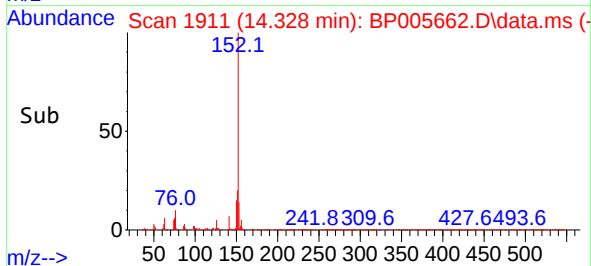
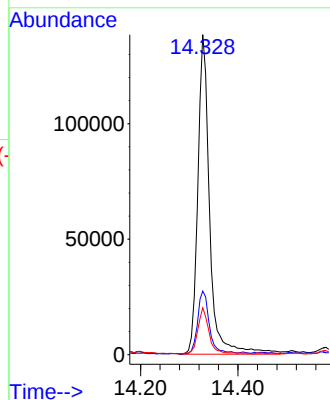
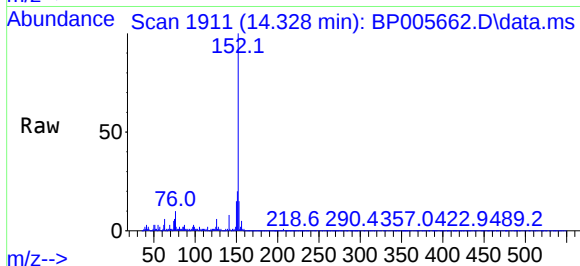
#49
Acenaphthylene
Concen: 4.82 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:152 Resp: 234878
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 14.6 10.5 15.7

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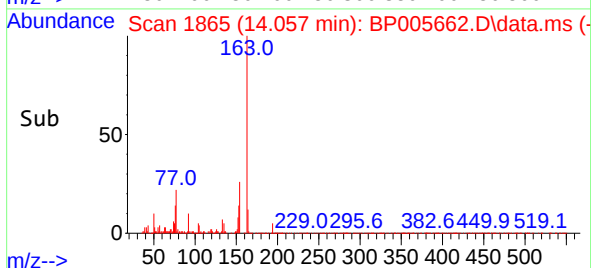
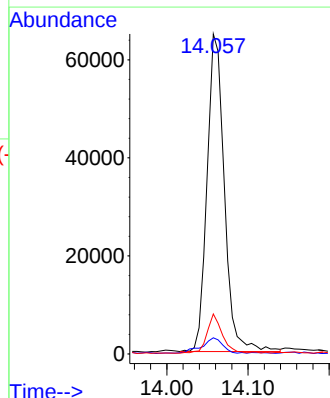
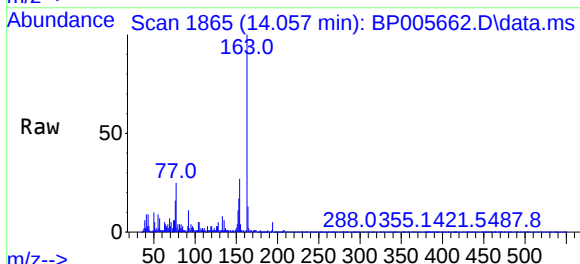
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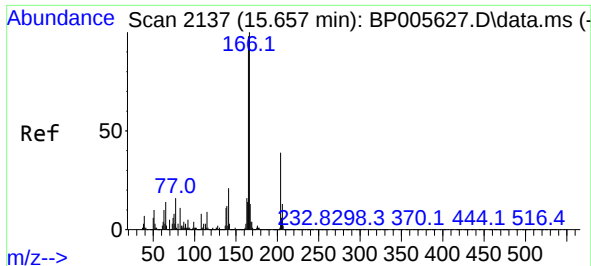
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#50
Dimethylphthalate
Concen: 2.55 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

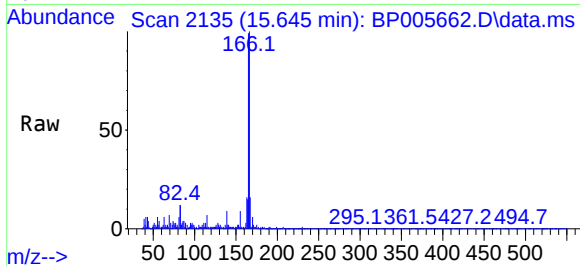
Tgt Ion:163 Resp: 95953
Ion Ratio Lower Upper
163 100
194 5.0 3.9 5.9
164 12.5 8.1 12.1#





#58
Fluorene
Concen: 2.78 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

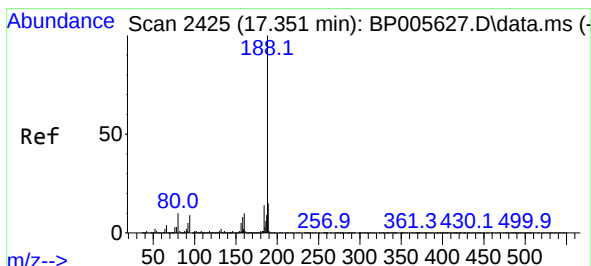
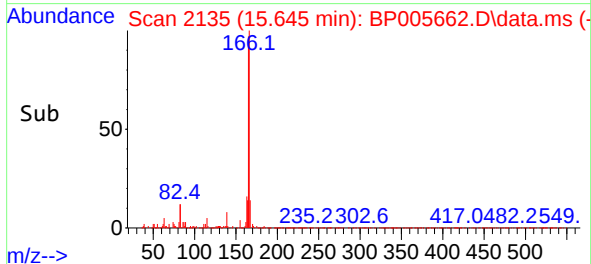
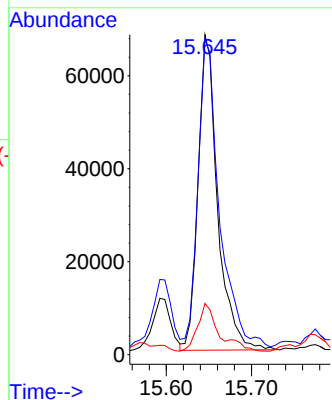
Instrument :
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Tgt Ion:166 Resp: 107830
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 16.0 10.9 16.3

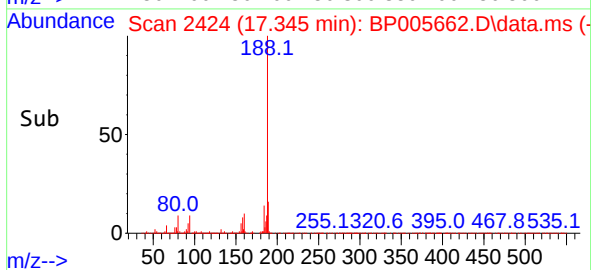
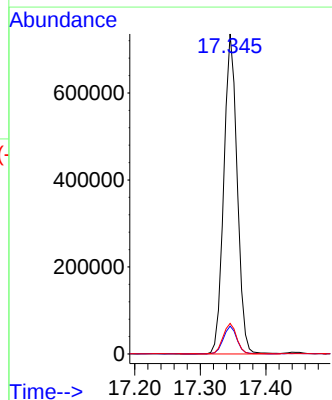
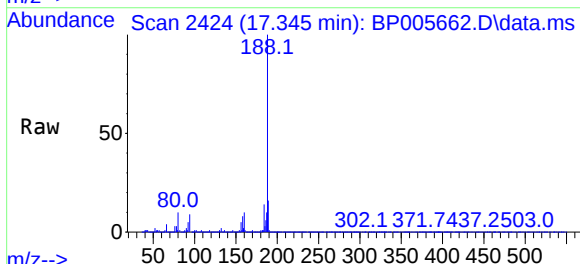
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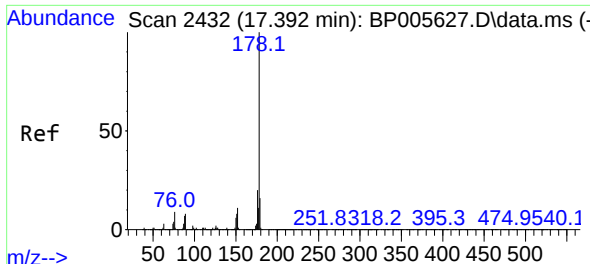
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:188 Resp: 1035263
Ion Ratio Lower Upper
188 100
94 8.7 5.0 7.6#
80 9.5 5.9 8.9#





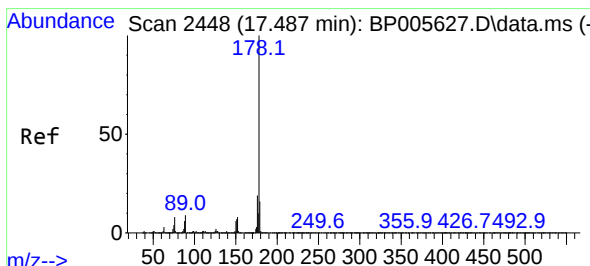
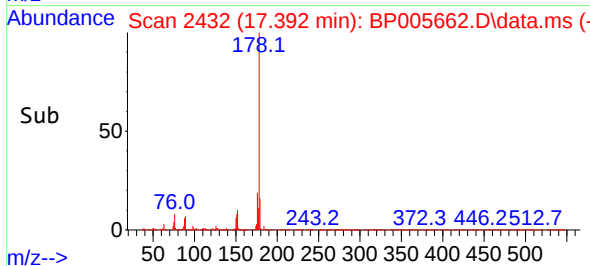
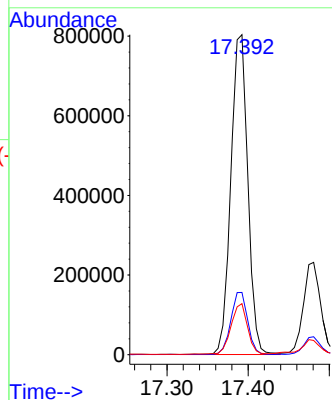
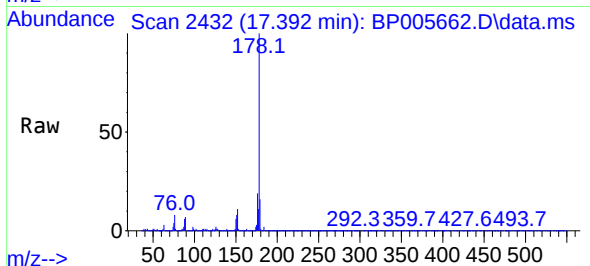
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Phenanthrene
Concen: 18.06 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:178 Resp: 1164956
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.3 18.5

Instrument :
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ClientSampleId :
CL-02-052821

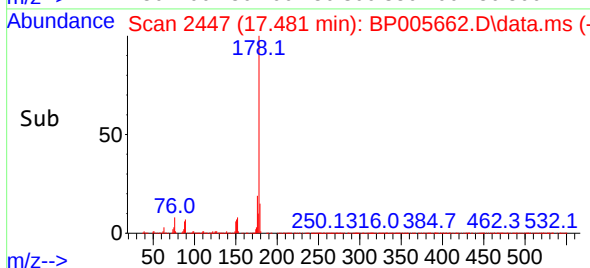
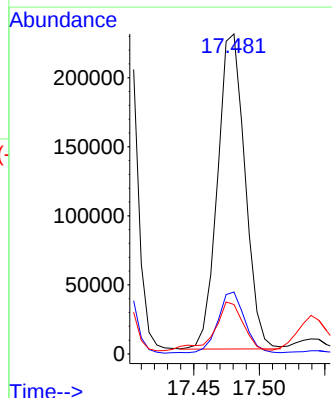
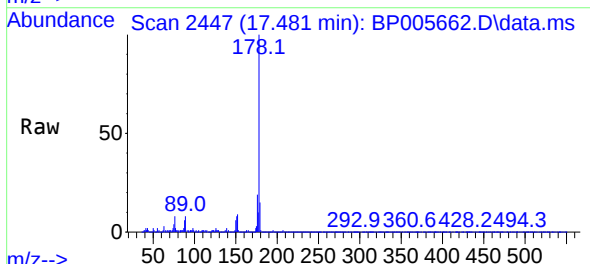
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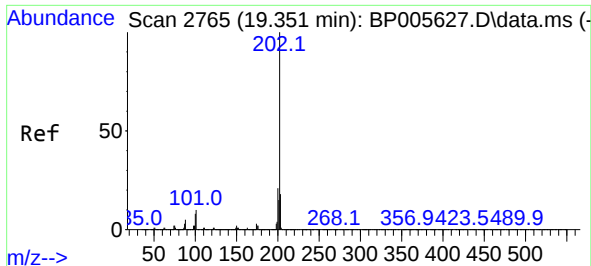
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#72
Anthracene
Concen: 5.20 ng
RT: 17.481 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

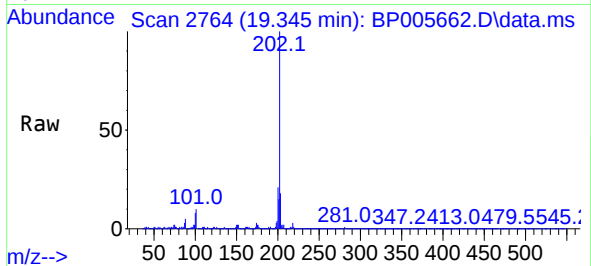
Tgt Ion:178 Resp: 331362
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.4 12.6 19.0





#75
Fluoranthene
Concen: 16.47 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

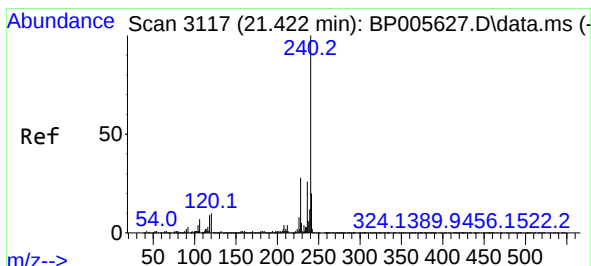
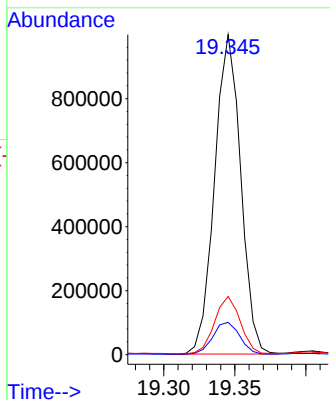
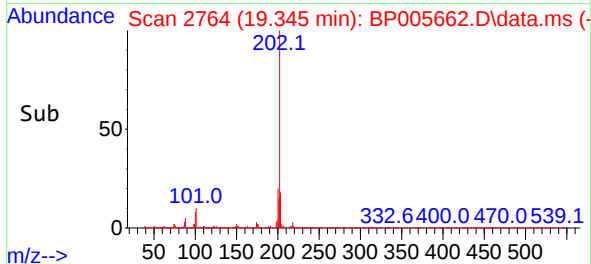
Instrument :
BNA_P
ClientSampleId :
CL-02-052821



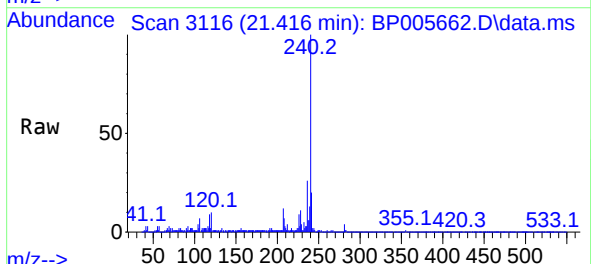
Tgt Ion:202 Resp: 1275147
Ion Ratio Lower Upper
202 100
101 10.1 0.0 26.1
203 18.2 0.0 37.2

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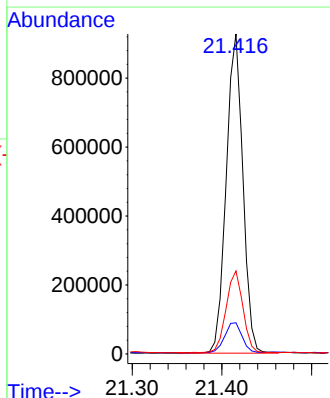
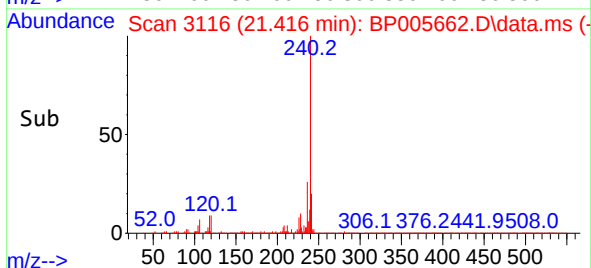
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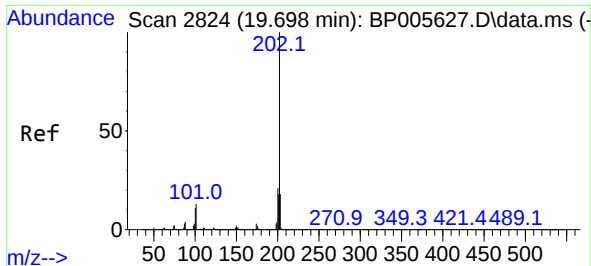


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45



Tgt Ion:240 Resp: 1191143
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 26.0 20.2 30.2





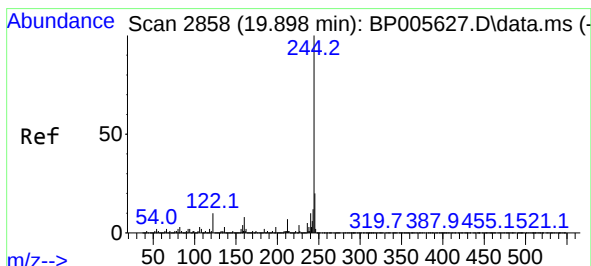
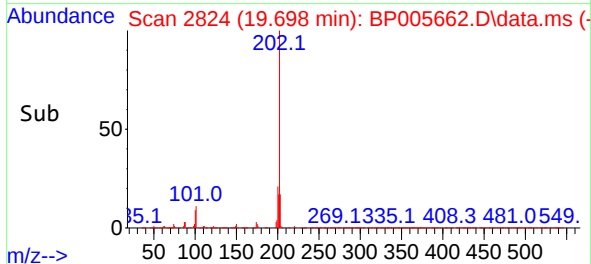
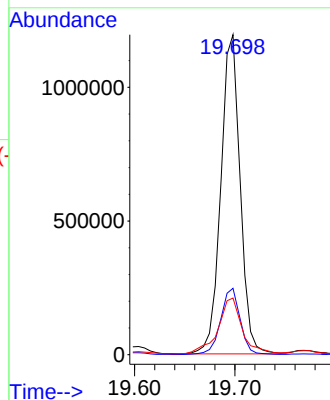
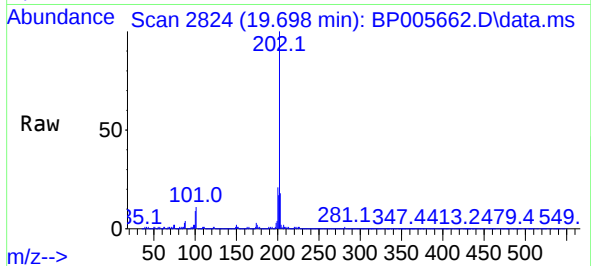
#78
Pyrene
Concen: 19.02 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:202 Resp: 1598558
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.7 13.8 20.6

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

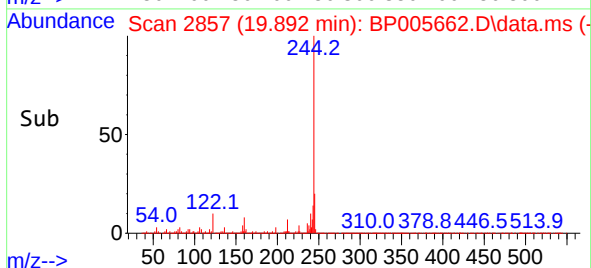
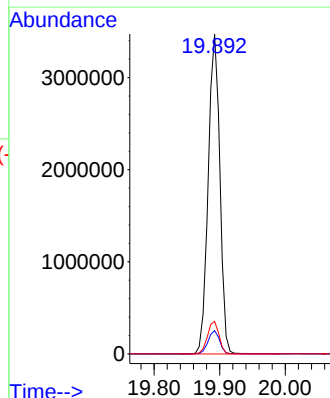
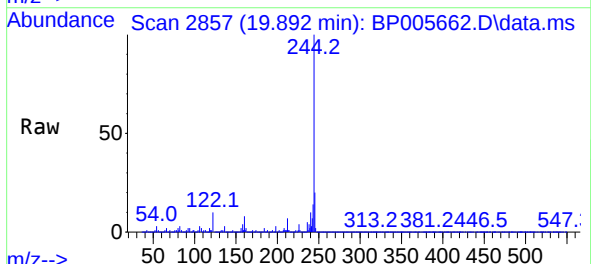
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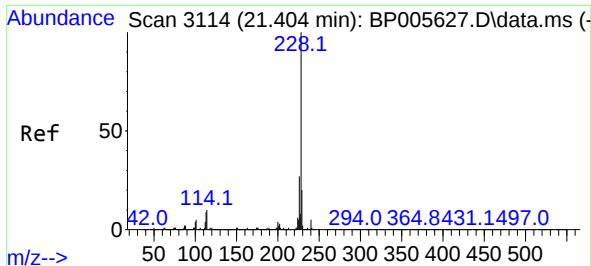
mohammad
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#79
Terphenyl-d14
Concen: 67.73 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:244 Resp: 4299432
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.2 5.2 7.8#





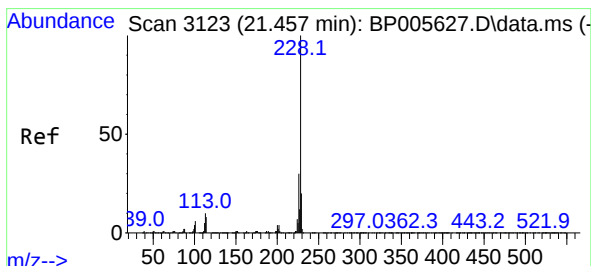
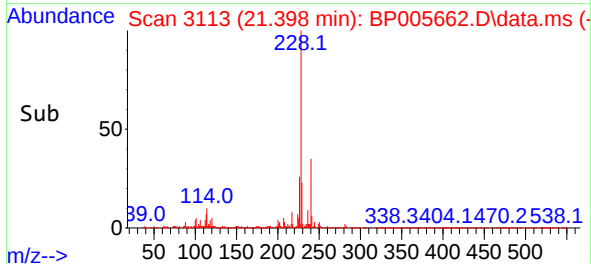
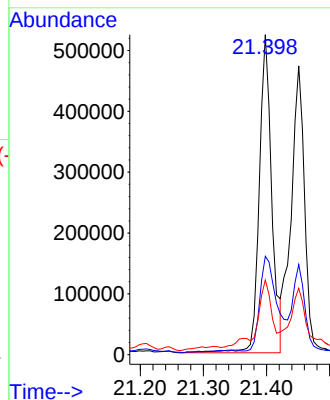
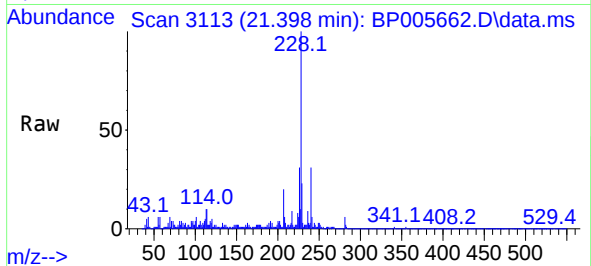
#81
Benzo(a)anthracene
Concen: 8.23 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:228 Resp: 719687
Ion Ratio Lower Upper
228 100
226 30.8 21.2 31.8
229 23.3 15.6 23.4

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

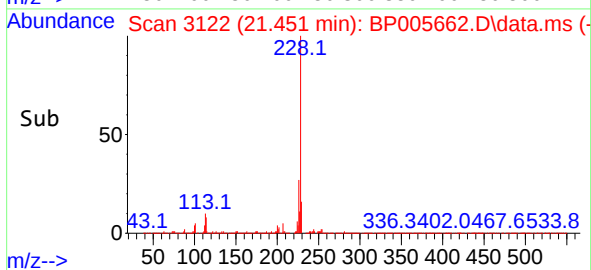
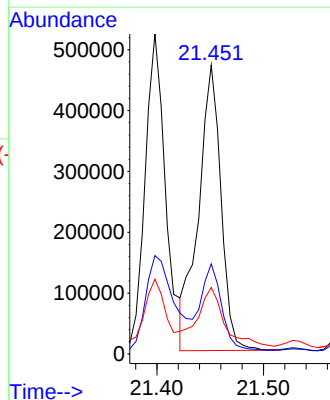
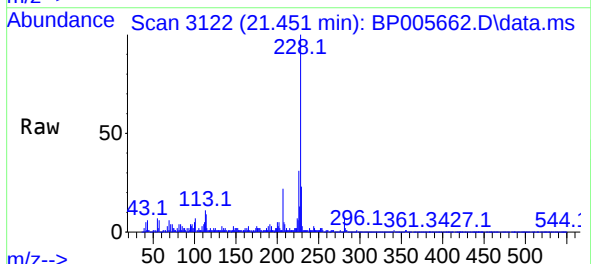
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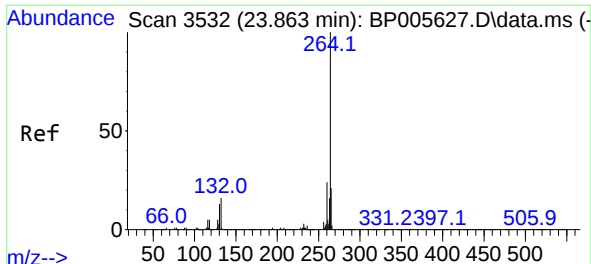
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#83
Chrysene
Concen: 8.18 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

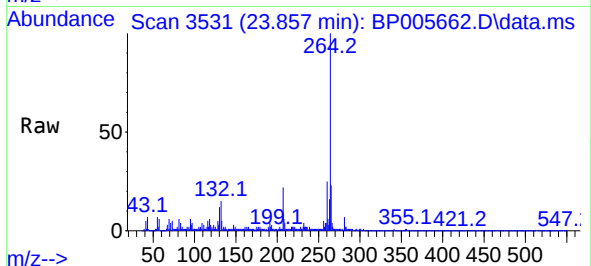
Tgt Ion:228 Resp: 692446
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 23.0 15.4 23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Instrument :
BNA_P
ClientSampleId :
CL-02-052821

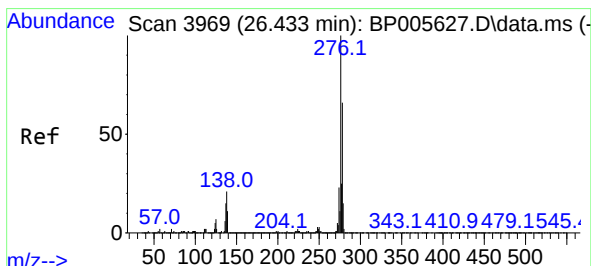
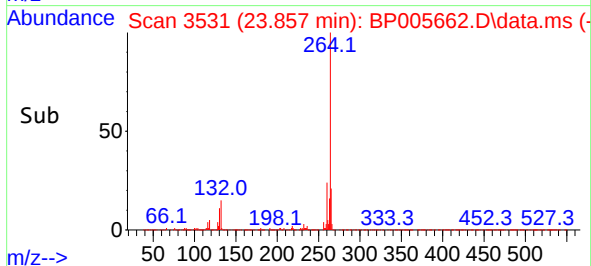
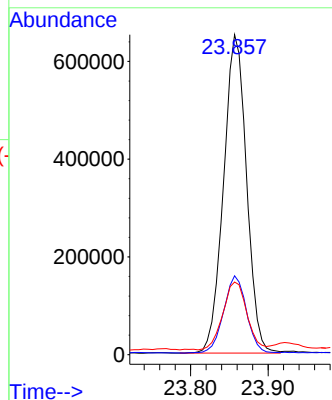


Tgt Ion: 264 Resp: 1346749

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	22.7	19.0	28.6

Manual Integrations
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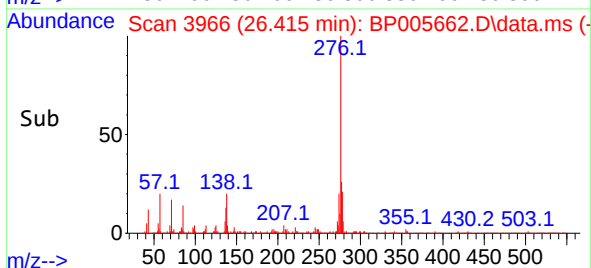
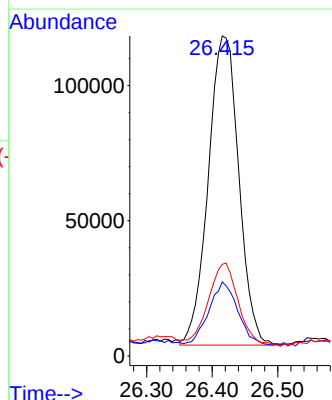
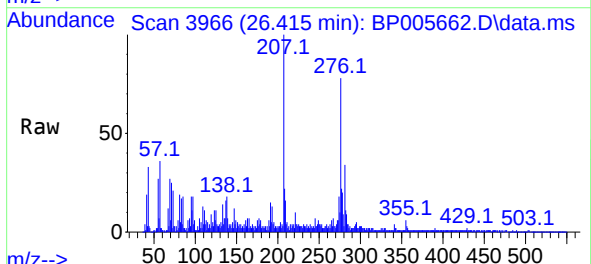
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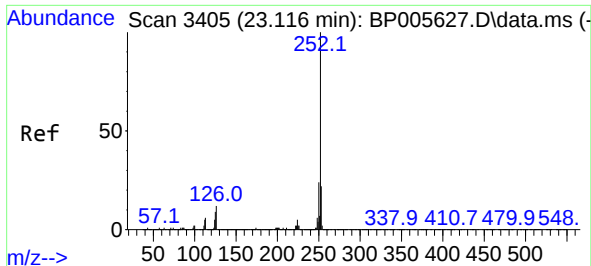


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.23 ng
RT: 26.415 min Scan# 3966
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion: 276 Resp: 369662

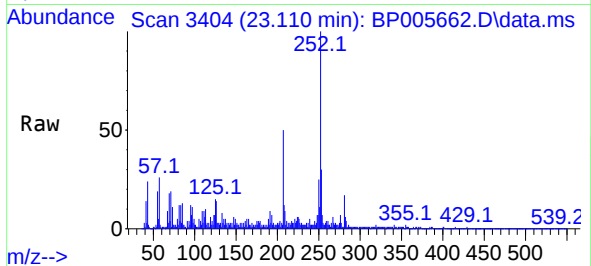
Ion	Ratio	Lower	Upper
276	100		
138	19.4	8.4	12.6
277	26.8	20.6	31.0





#88
Benzo(b)fluoranthene
Concen: 7.74 ng m
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

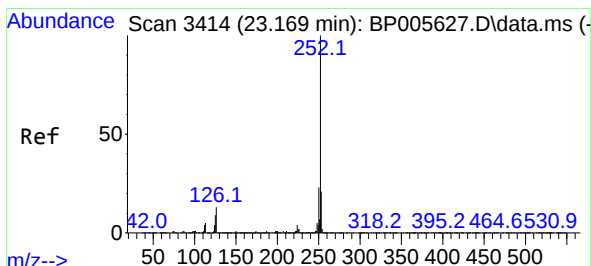
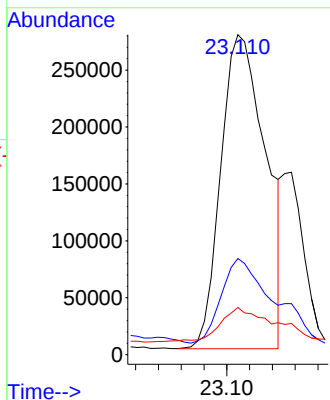
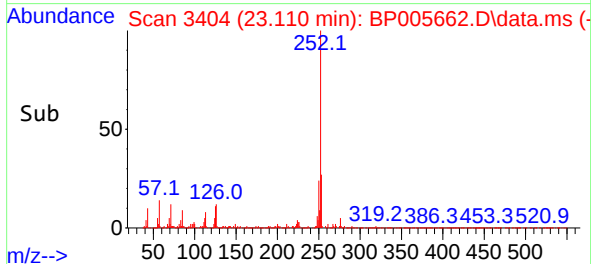
Instrument :
BNA_P
ClientSampled :
CL-02-052821



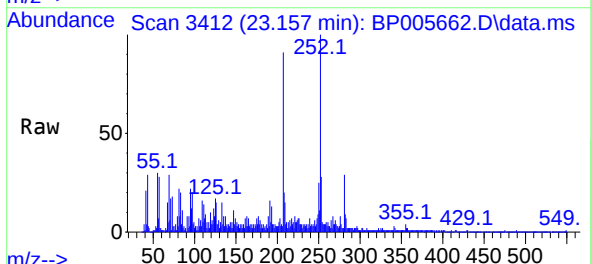
Tgt Ion:252 Resp: 756641
Ion Ratio Lower Upper
252 100
253 30.1 18.2 27.2#
125 14.8 3.4 5.0#

Manual Integrations
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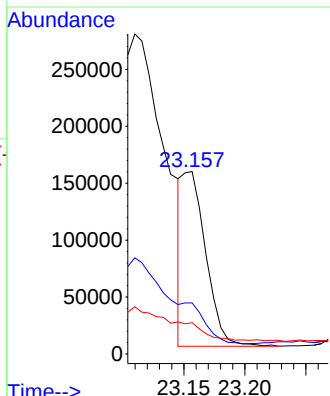
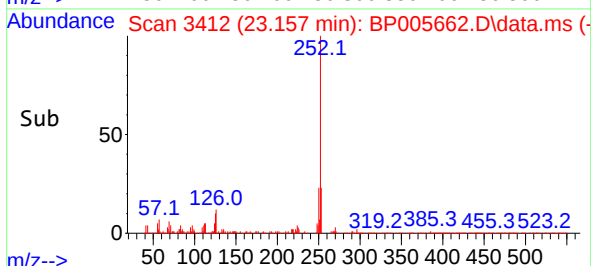
mohammad
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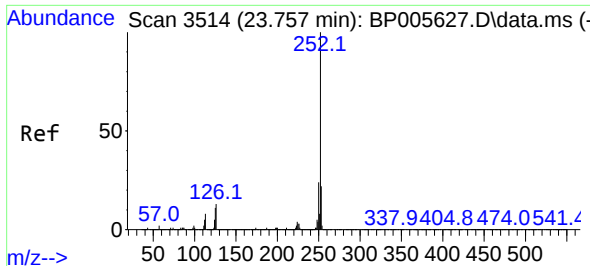


#89
Benzo(k)fluoranthene
Concen: 2.22 ng m
RT: 23.157 min Scan# 3412
Delta R.T. -0.012 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45



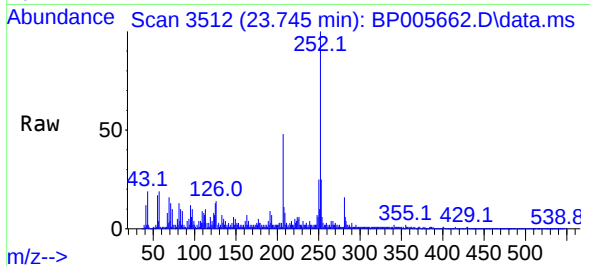
Tgt Ion:252 Resp: 205326
Ion Ratio Lower Upper
252 100
253 28.0 17.2 25.8#
125 17.1 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 7.03 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

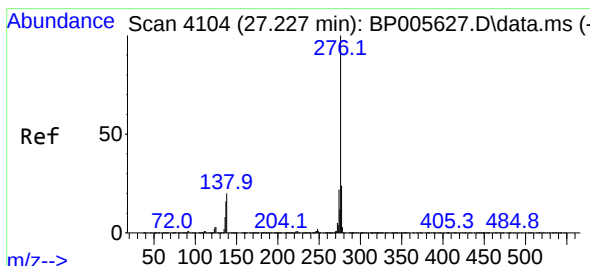
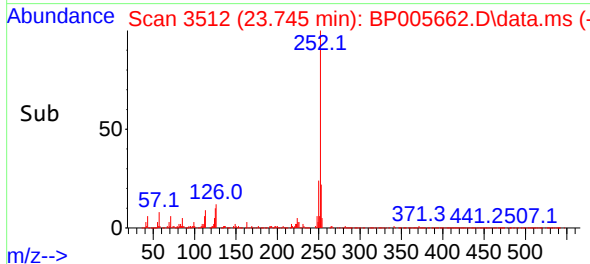
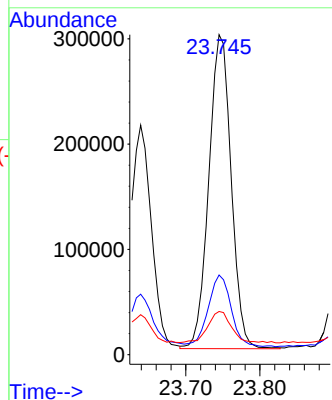
Instrument :
BNA_P
ClientSampleId :
CL-02-052821



Tgt Ion:252 Resp: 625295
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 13.5 3.8 5.6#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.38 ng
RT: 27.209 min Scan# 4101
Delta R.T. -0.018 min
Lab File: BP005662.D
Acq: 01 Jun 2021 18:45

Tgt Ion:276 Resp: 420326
Ion Ratio Lower Upper
276 100
277 25.9 19.8 29.8
138 22.2 7.7 11.5#

