

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003313.D
 Acq On : 16 Sep 2020 21:33
 Operator : CG/JU
 Sample : L3868-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-091520

Manual Integrations
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Quant Time: Sep 17 03:10:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:18:39 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	148196	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	569795	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	315186	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	562192	20.00	ng	0.00
76) Chrysene-d12	21.110	240	574791	20.00	ng	0.00
86) Perylene-d12	23.321	264	662199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	163362	19.25	ng	0.00
7) Phenol-d6	6.811	99	205291	18.15	ng	0.00
23) Nitrobenzene-d5	8.763	82	126456	13.04	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	62910	13.09	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	312771	14.51	ng	0.00
79) Terphenyl-d14	19.586	244	332217	12.04	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.981	152	91891	3.09	ng	99
52) Acenaphthene	14.328	154	51195	2.83	ng	97
58) Fluorene	15.316	166	92649	4.06	ng	97
71) Phenanthrene	17.057	178	819214	26.78	ng	100
72) Anthracene	17.145	178	289636	9.61	ng	100
75) Fluoranthene	19.039	202	1634764	42.51	ng	100
78) Pyrene	19.386	202	1492737	41.64	ng	99
81) Benzo(a)anthracene	21.092	228	945162	25.44	ng	98
83) Chrysene	21.145	228	812858	22.77	ng	98
87) Indeno(1,2,3-cd)pyrene	25.580	276	612132	12.20	ng	# 95
88) Benzo(b)fluoranthene	22.663	252	1239811m	29.65	ng	
89) Benzo(k)fluoranthene	22.698	252	326618m	8.15	ng	
90) Benzo(a)pyrene	23.227	252	906002	22.98	ng	98
91) Dibenzo(a,h)anthracene	25.580	278	164280m	3.97	ng	
92) Benzo(g,h,i)perylene	26.268	276	594836	14.39	ng	96

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

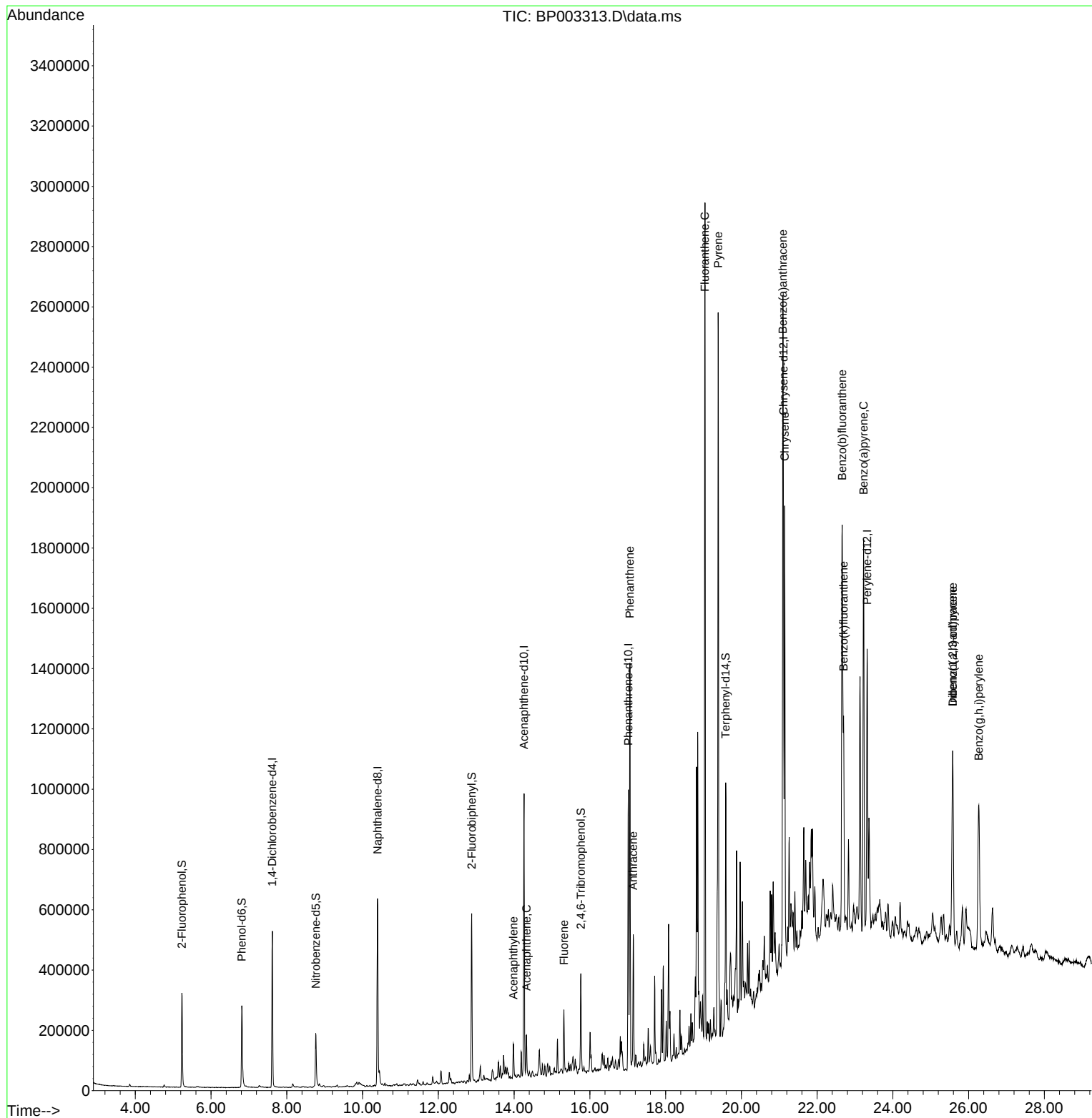
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
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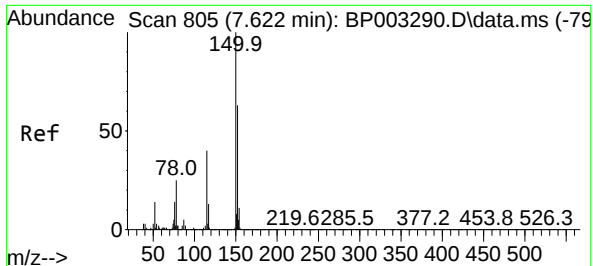
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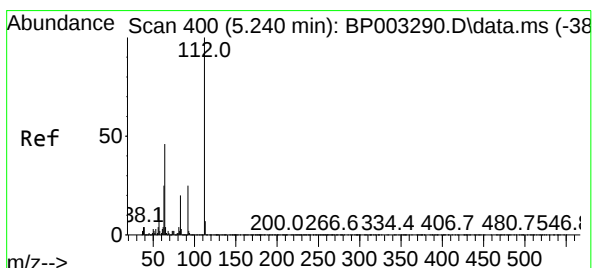
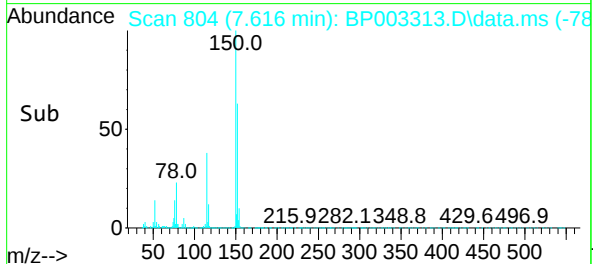
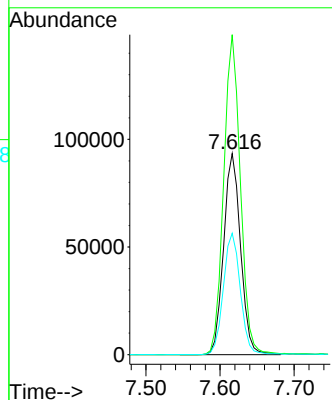
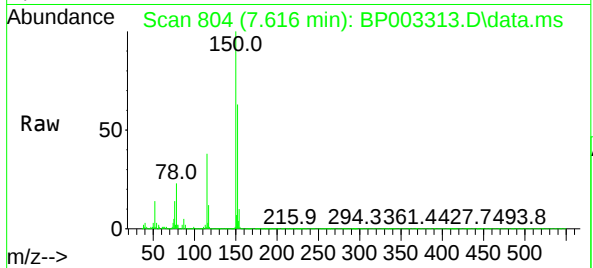
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

Tgt Ion:152 Resp: 148196
Ion Ratio Lower Upper
152 100
150 159.1 123.8 185.6
115 60.4 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
PL-02-091520

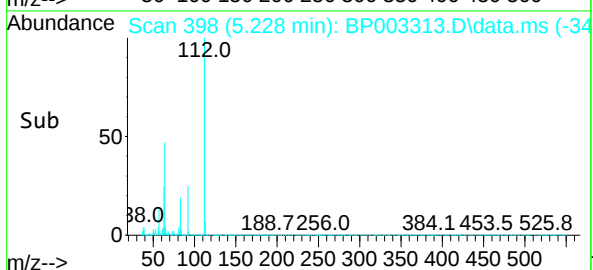
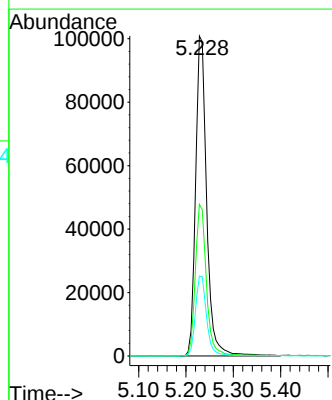
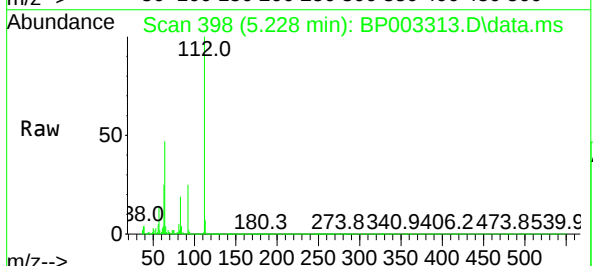
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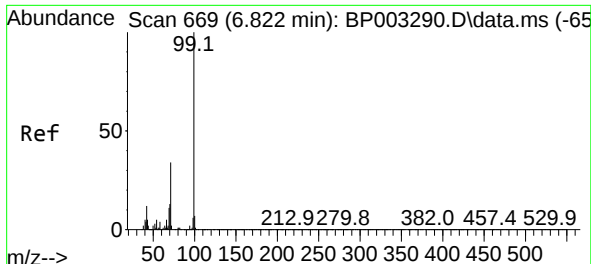
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#5
2-Fluorophenol
Concen: 19.25 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

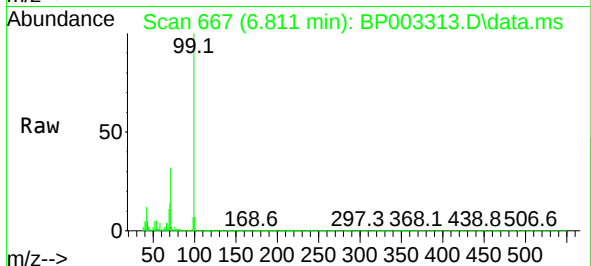
Tgt Ion:112 Resp: 163362
Ion Ratio Lower Upper
112 100
64 47.4 32.8 49.2
63 25.0 17.0 25.4





#7
Phenol-d6
Concen: 18.15 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

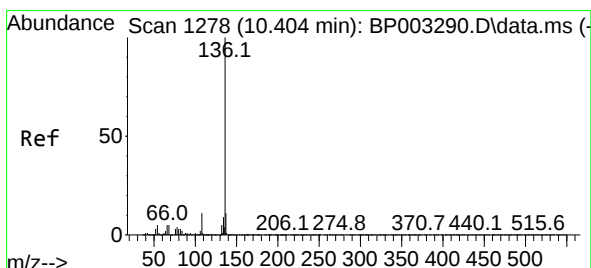
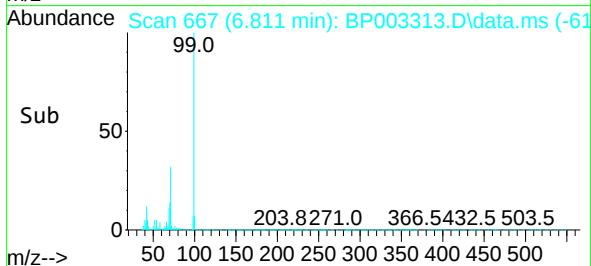
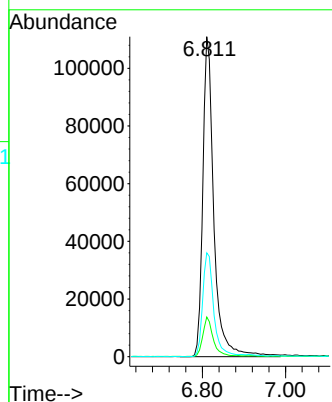
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



Tgt Ion: 99 Resp: 205291
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 32.5 23.4 35.2

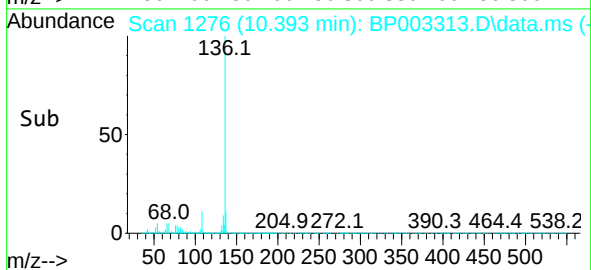
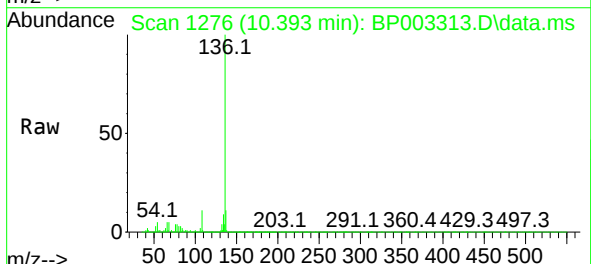
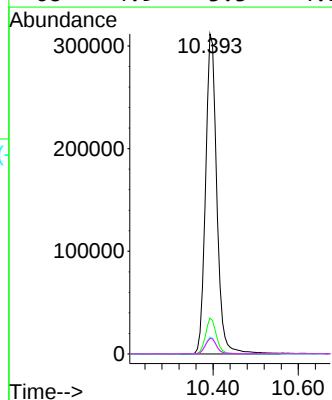
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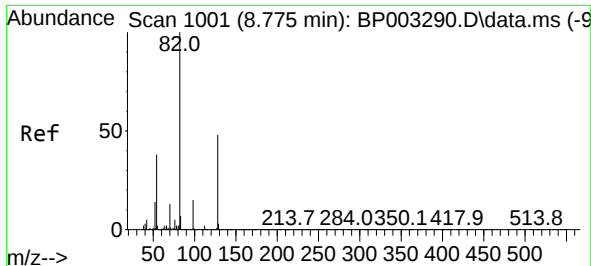
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

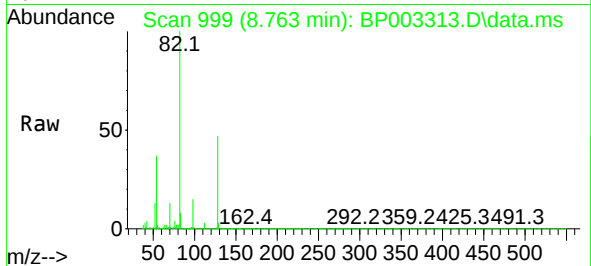
Tgt Ion: 136 Resp: 569795
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 5.3 3.6 5.4
68 4.9 3.3 4.9





#23
Nitrobenzene-d5
Concen: 13.04 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

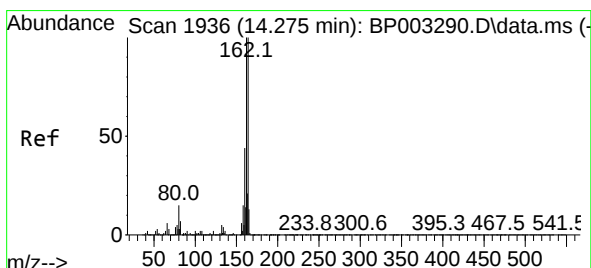
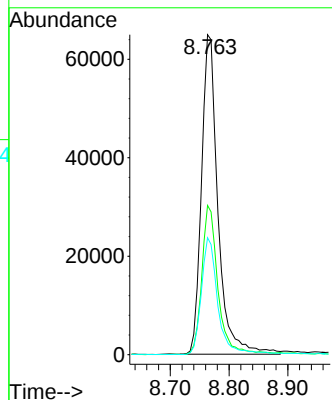
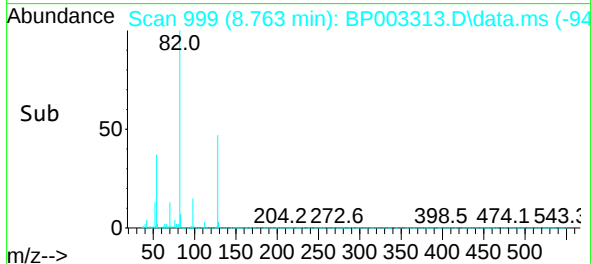
Instrument :
BNA_P
ClientSampleId :
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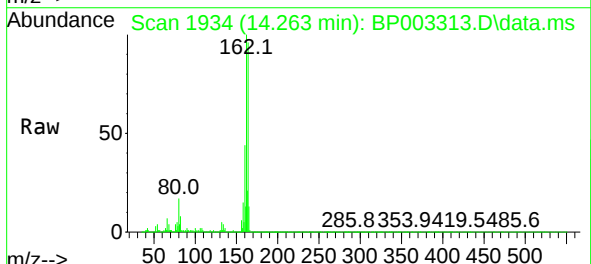
Tgt Ion: 82 Resp: 126456
Ion Ratio Lower Upper
82 100
128 46.7 45.6 68.4
54 36.5 30.1 45.1

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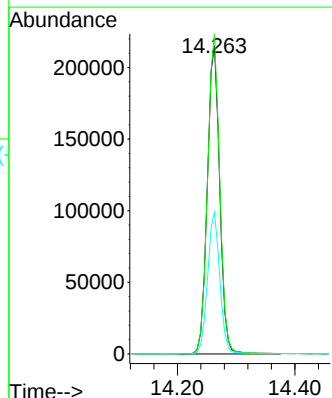
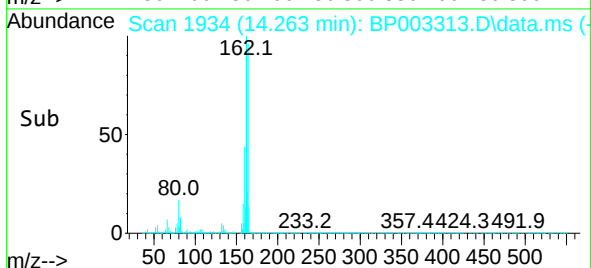
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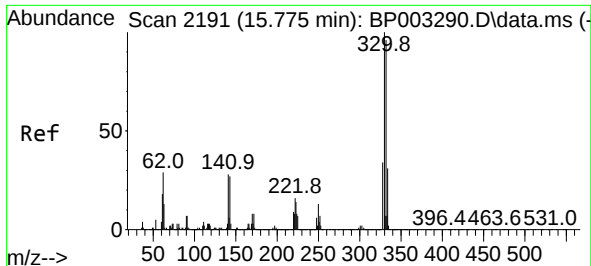


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



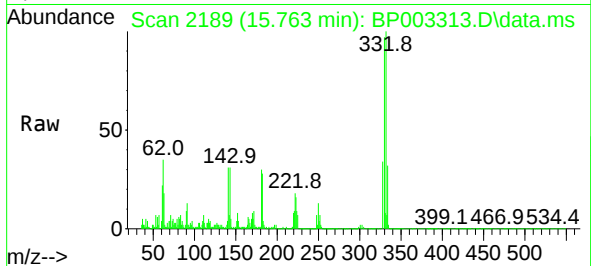
Tgt Ion: 164 Resp: 315186
Ion Ratio Lower Upper
164 100
162 103.8 79.4 119.2
160 46.0 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 13.09 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

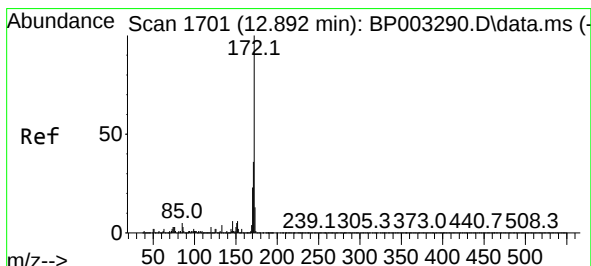
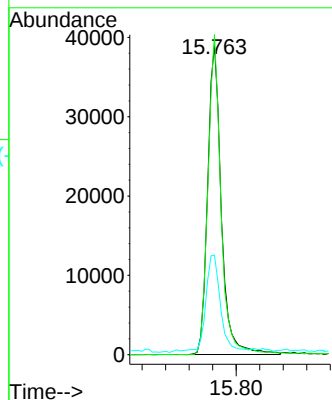
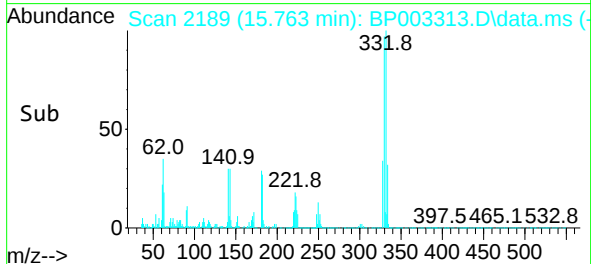
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



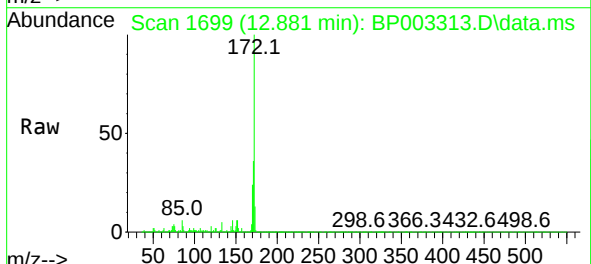
Tgt Ion:330 Resp: 62910
Ion Ratio Lower Upper
330 100
332 99.2 77.1 115.7
141 31.5 23.4 35.2

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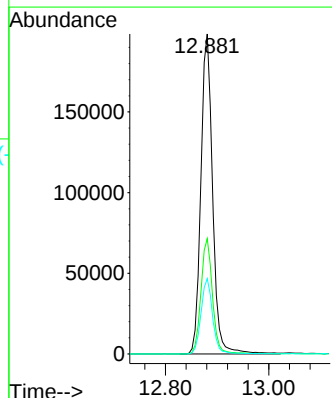
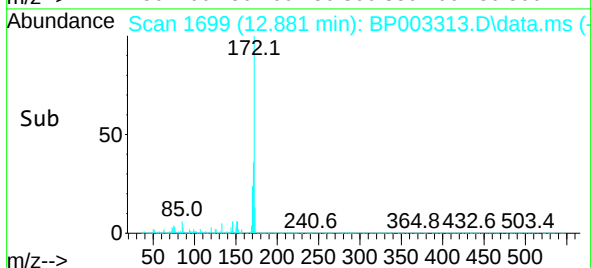
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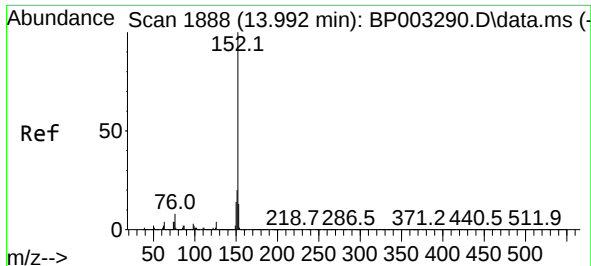


#45
2-Fluorobiphenyl
Concen: 14.51 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



Tgt Ion:172 Resp: 312771
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.5 19.2 28.8





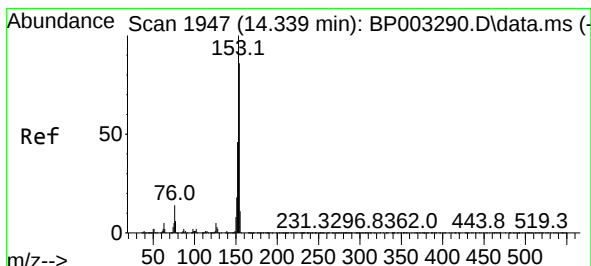
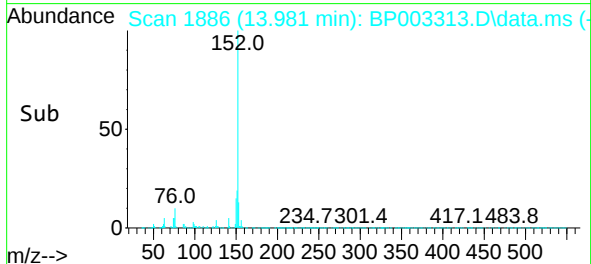
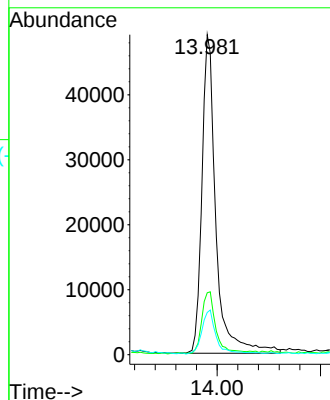
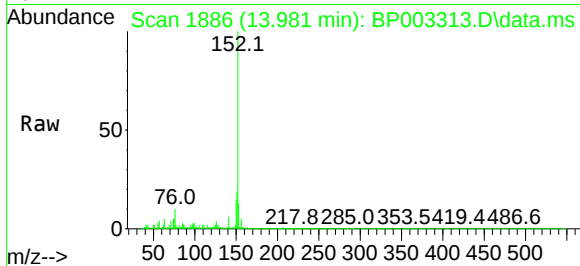
#49
Acenaphthylene
Concen: 3.09 ng
RT: 13.981 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

Tgt Ion:	152	Resp:	91891
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.9	23.9
153	13.2	10.5	15.7

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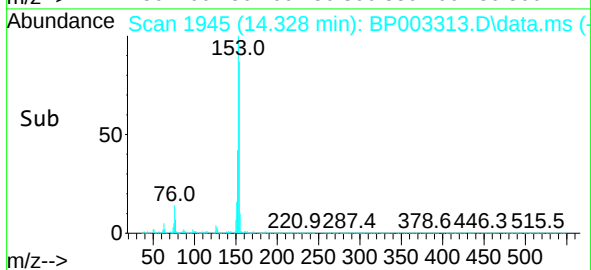
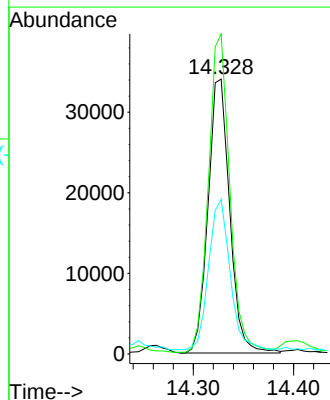
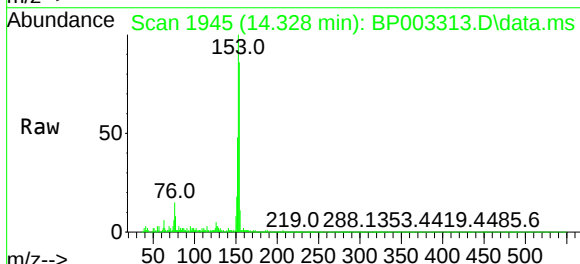
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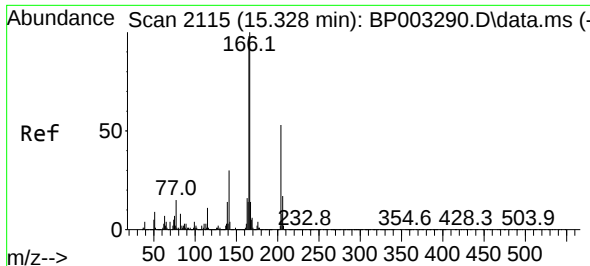
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#52
Acenaphthene
Concen: 2.83 ng
RT: 14.328 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

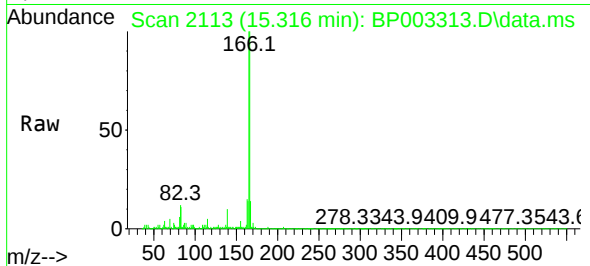
Tgt Ion:	154	Resp:	51195
Ion Ratio	Lower	Upper	
154	100		
153	116.4	91.0	136.6
152	56.2	43.0	64.6





#58
Fluorene
Concen: 4.06 ng
RT: 15.316 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

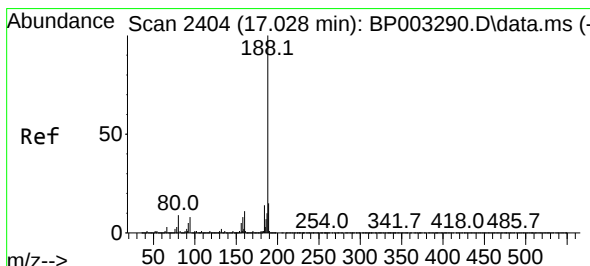
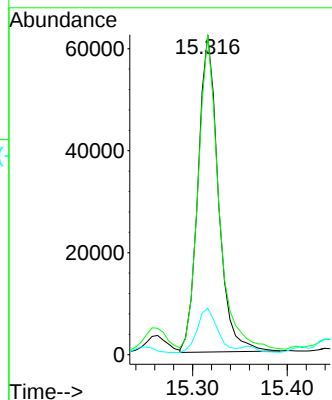
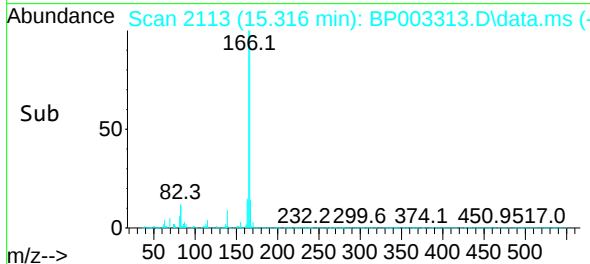
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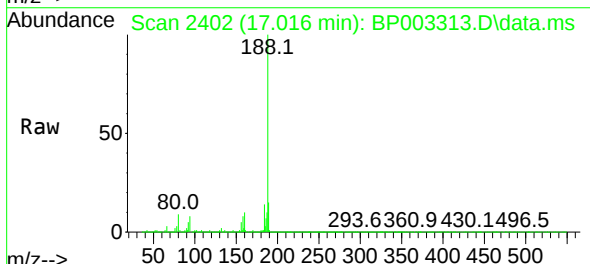
Tgt Ion:166 Resp: 92649
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.8
167 14.5 11.0 16.4

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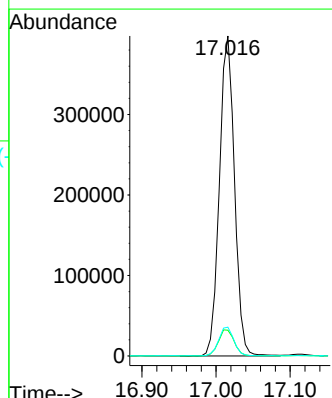
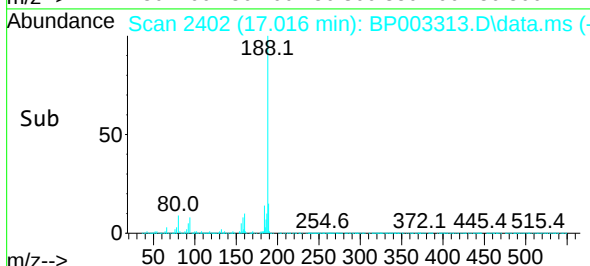
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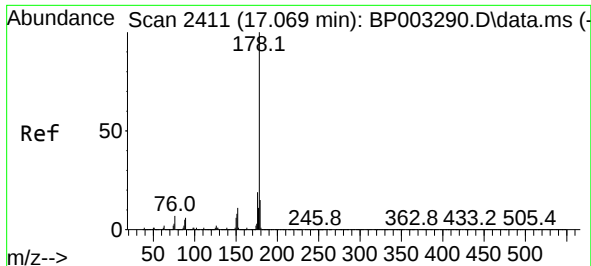


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



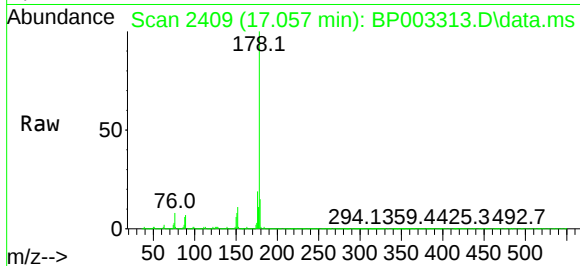
Tgt Ion:188 Resp: 562192
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.0 6.2 9.2





#71
Phenanthrene
Concen: 26.78 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

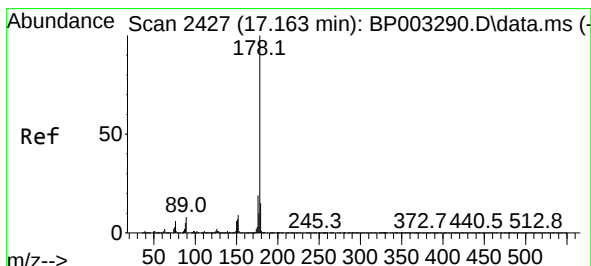
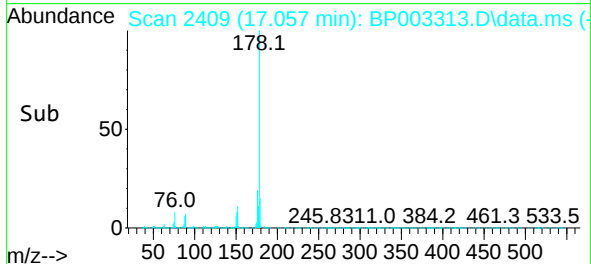
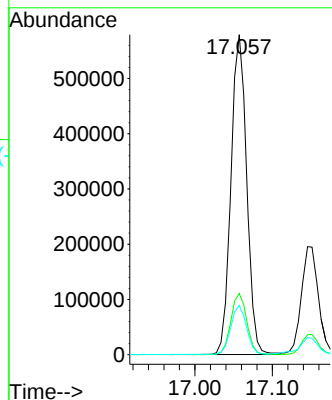
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 819214
Ion Ratio Lower Upper
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176 19.2 15.3 22.9
179 15.4 12.5 18.7

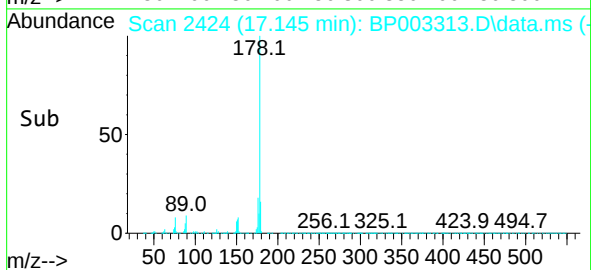
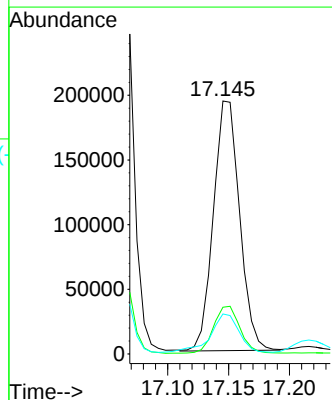
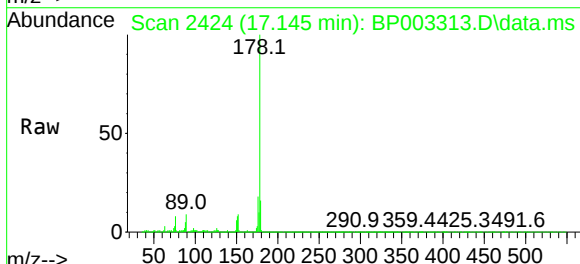
Manual Integrations
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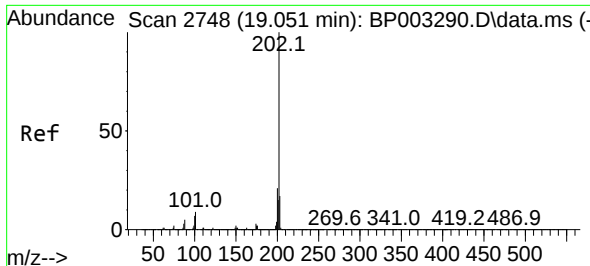
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#72
Anthracene
Concen: 9.61 ng
RT: 17.145 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

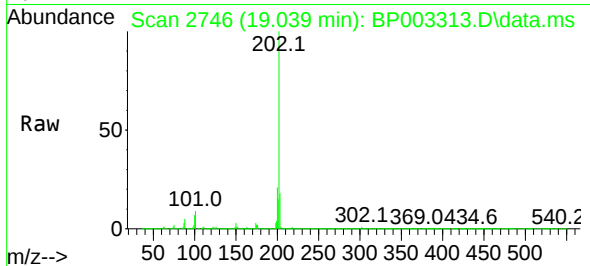
Tgt Ion:178 Resp: 289636
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.8 12.5 18.7





#75
Fluoranthene
Concen: 42.51 ng
RT: 19.039 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

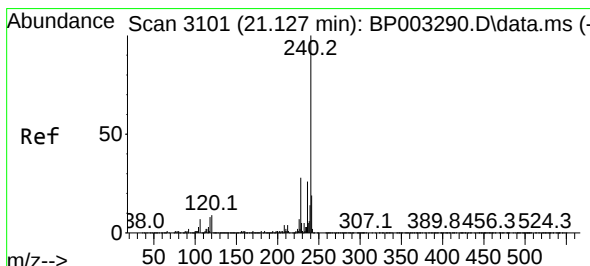
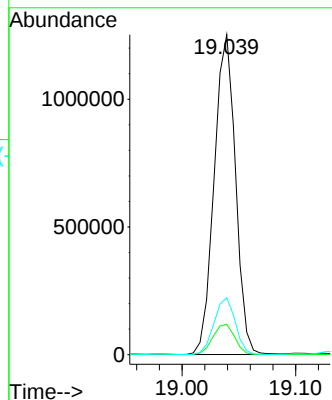
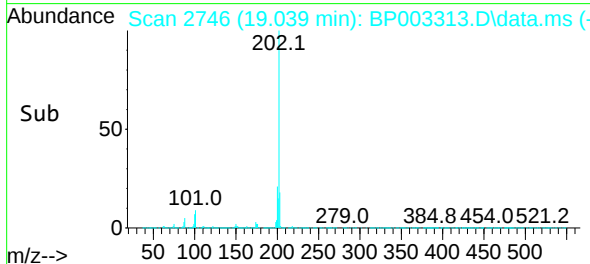
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



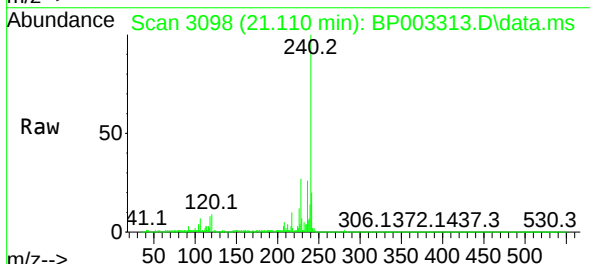
Tgt Ion:202 Resp: 1634764
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.4
203 17.8 0.0 37.8

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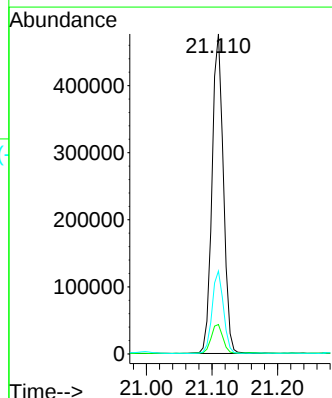
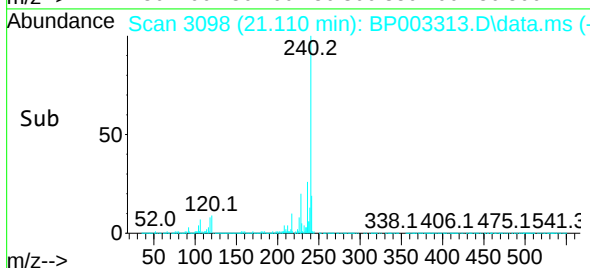
mohammad
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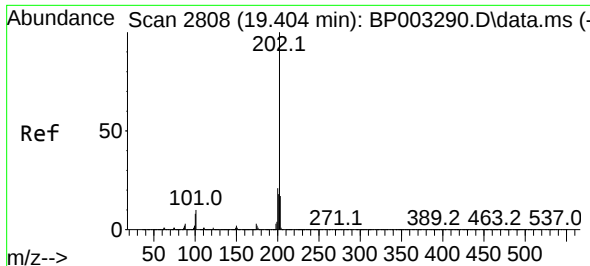


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



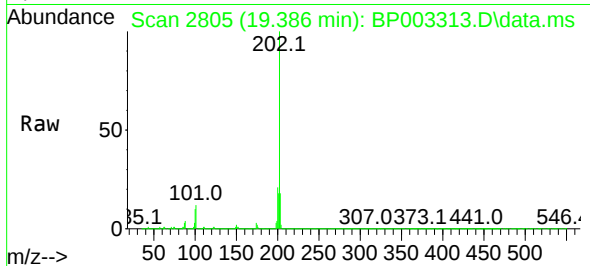
Tgt Ion:240 Resp: 574791
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.9 20.8 31.2





#78
Pyrene
Concen: 41.64 ng
RT: 19.386 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

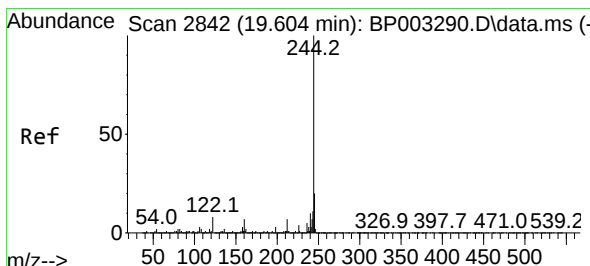
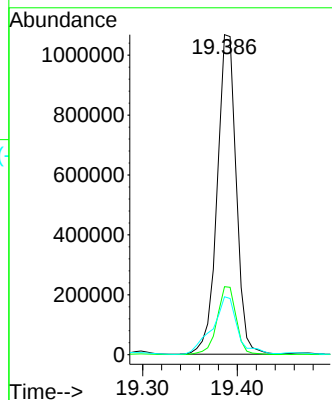
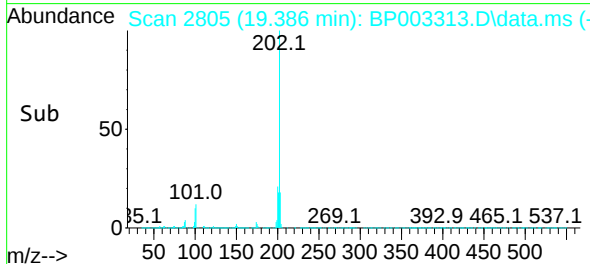
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



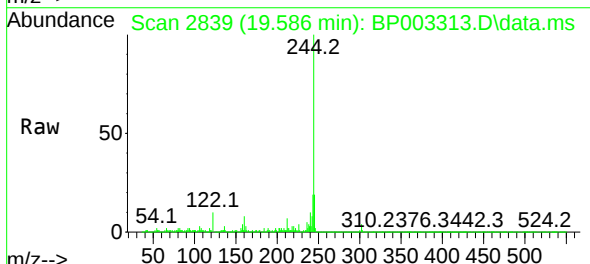
Tgt Ion:202 Resp: 1492737
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.1 14.2 21.2

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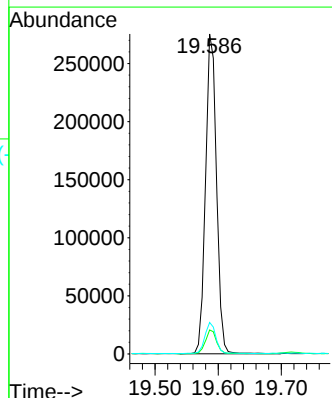
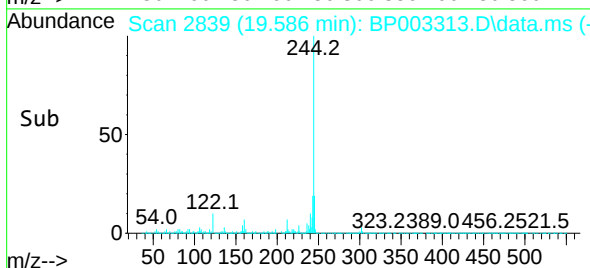
mohammad
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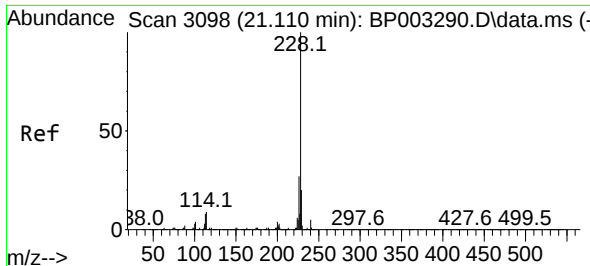


#79
Terphenyl-d14
Concen: 12.04 ng
RT: 19.586 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



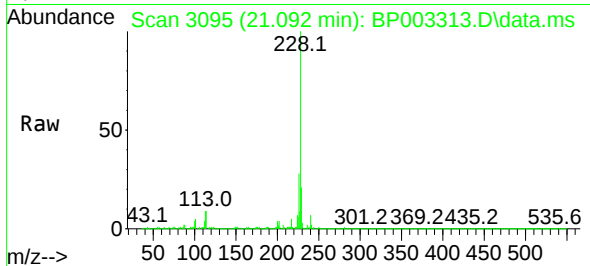
Tgt Ion:244 Resp: 332217
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.9 7.8 11.8





#81
Benzo(a)anthracene
Concen: 25.44 ng
RT: 21.092 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

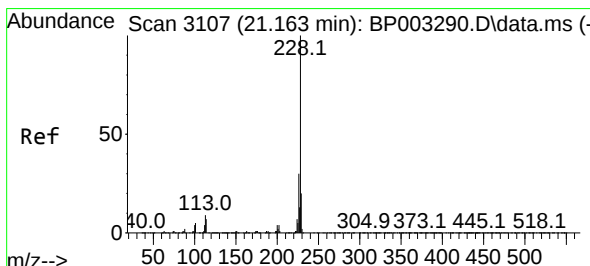
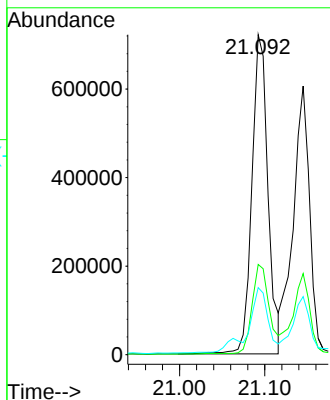
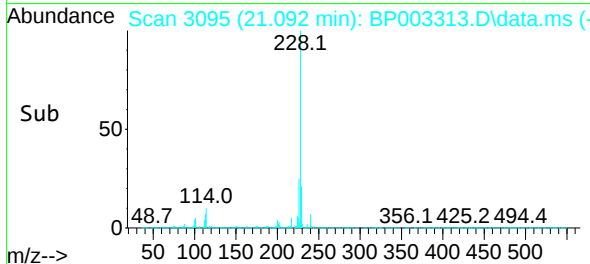
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



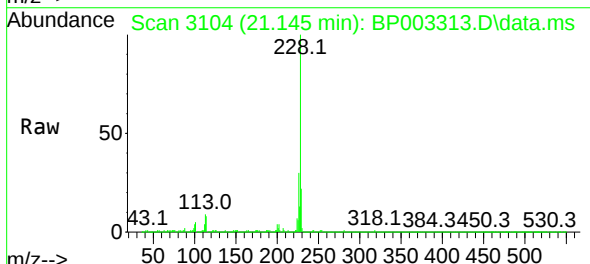
Tgt Ion:228 Resp: 945162
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.9 15.9 23.9

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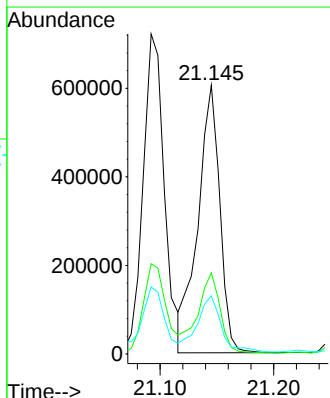
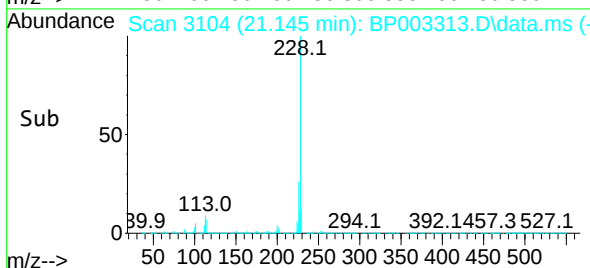
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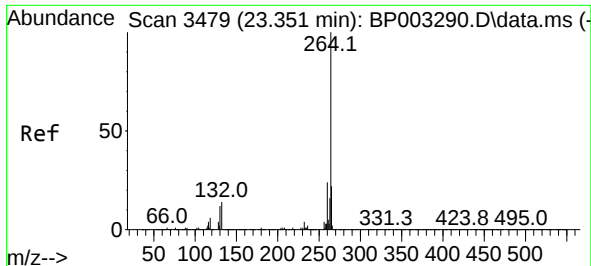


#83
Chrysene
Concen: 22.77 ng
RT: 21.145 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



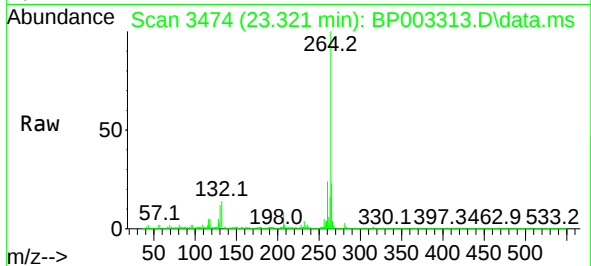
Tgt Ion:228 Resp: 812858
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 21.6 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

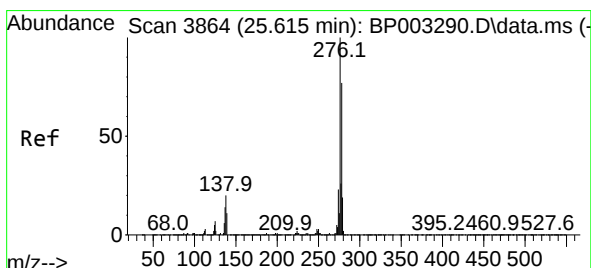
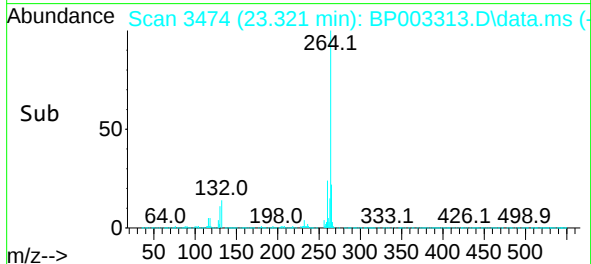
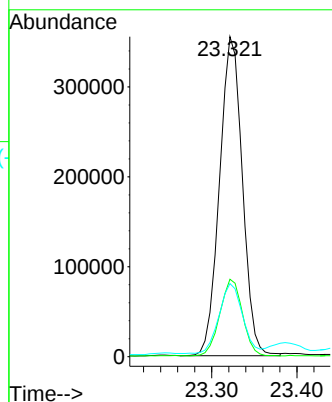
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



Tgt Ion:264 Resp: 662199
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.8 17.4 26.2

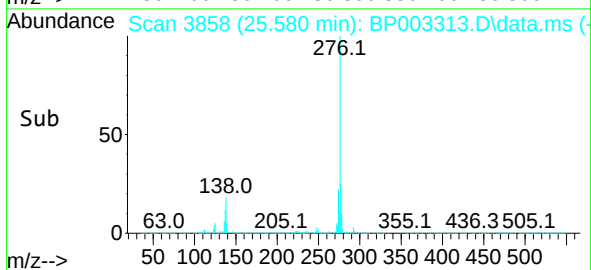
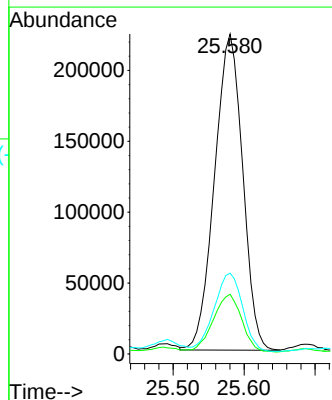
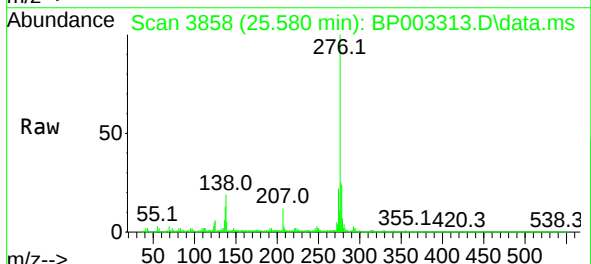
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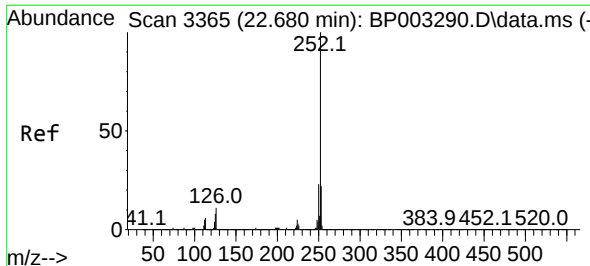
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#87
Indeno(1,2,3-cd)pyrene
Concen: 12.20 ng
RT: 25.580 min Scan# 3858
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

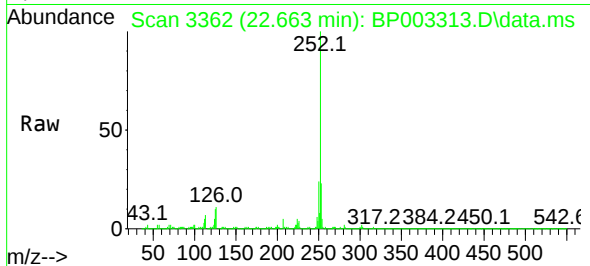
Tgt Ion:276 Resp: 612132
Ion Ratio Lower Upper
276 100
138 18.6 18.7 28.1#
277 25.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 29.65 ng m
RT: 22.663 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

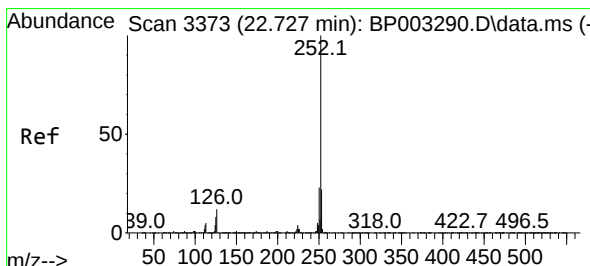
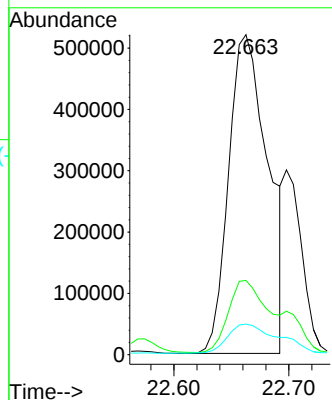
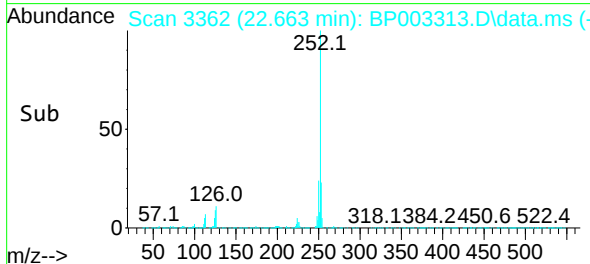
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



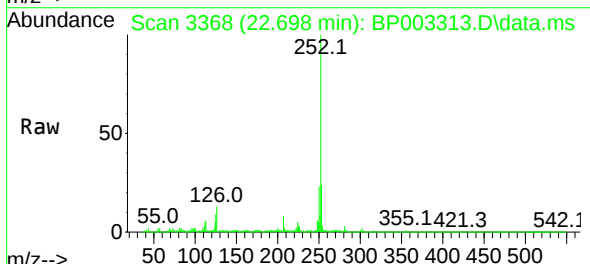
Tgt Ion:252 Resp: 1239811
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 9.6 7.3 10.9

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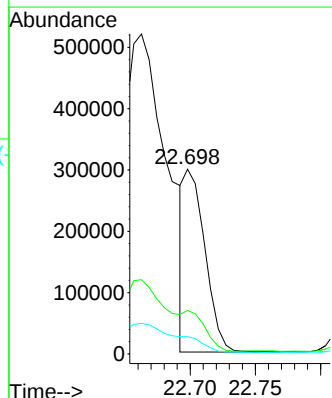
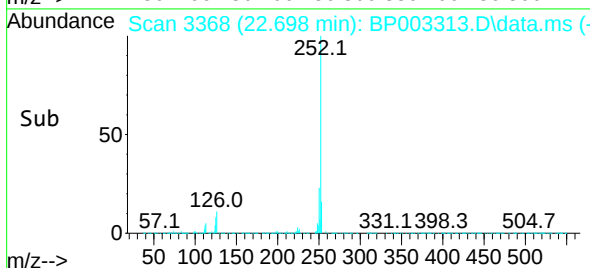
mohammad
9/18/2020 11:28:52 AM

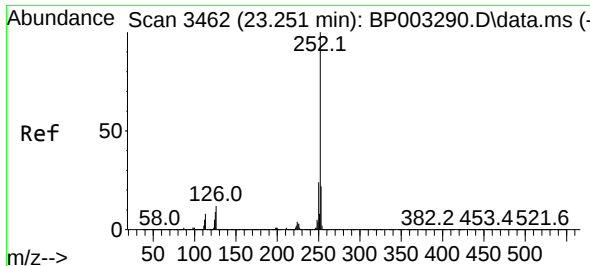


#89
Benzo(k)fluoranthene
Concen: 8.15 ng m
RT: 22.698 min Scan# 3368
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33



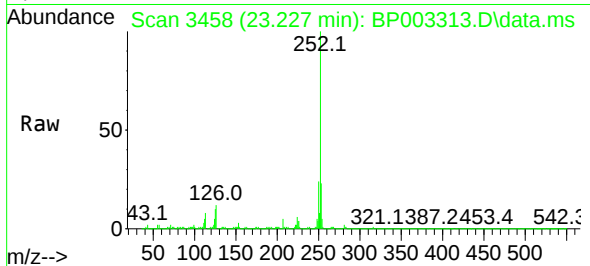
Tgt Ion:252 Resp: 326618
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 9.3 7.4 11.2





#90
Benzo(a)pyrene
Concen: 22.98 ng
RT: 23.227 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

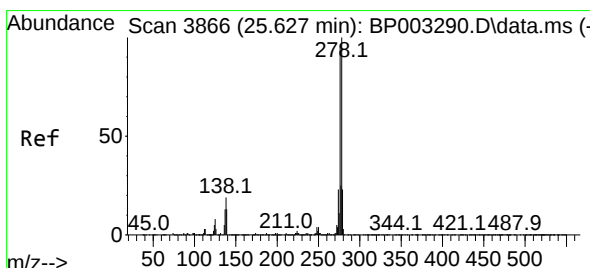
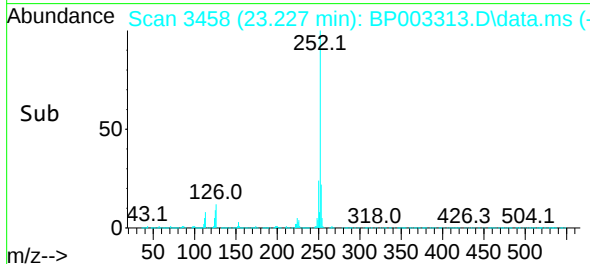
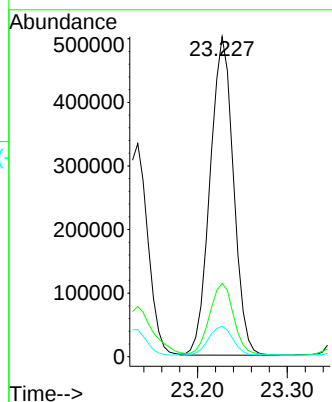
Instrument :
BNA_P
ClientSampleId :
PL-02-091520



Tgt Ion:252 Resp: 906002
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 9.5 8.2 12.4

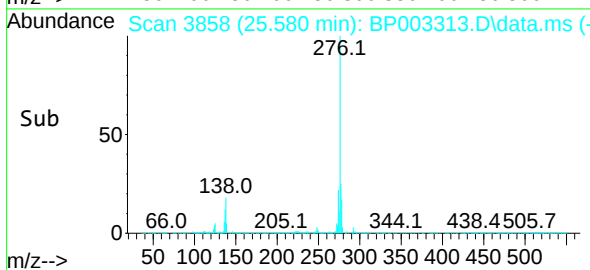
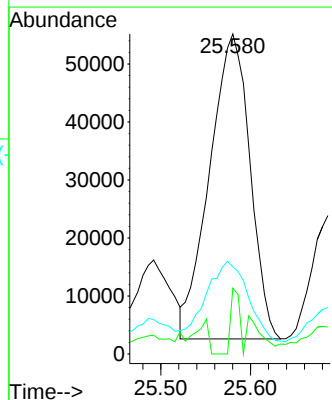
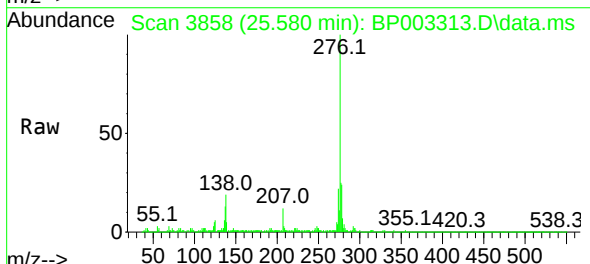
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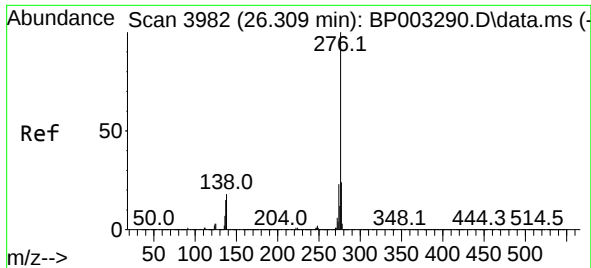
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 3.97 ng m
RT: 25.580 min Scan# 3858
Delta R.T. -0.017 min
Lab File: BP003313.D
Acq: 16 Sep 2020 21:33

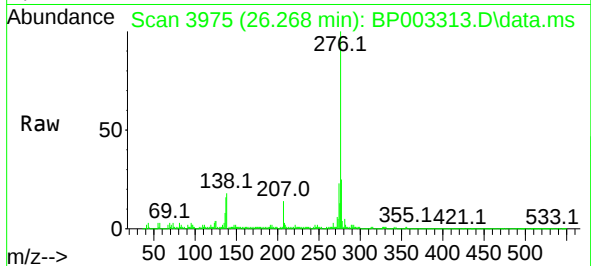
Tgt Ion:278 Resp: 164280
Ion Ratio Lower Upper
278 100
139 20.6 12.4 18.6#
279 27.3 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 14.39 ng
 RT: 26.268 min Scan# 3975
 Delta R.T. -0.006 min
 Lab File: BP003313.D
 Acq: 16 Sep 2020 21:33

Instrument :
 BNA_P
 ClientSampleId :
 PL-02-091520



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.0	28.6
138	18.2	16.6	24.8

Manual Integrations
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