

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003307.D
 Acq On : 16 Sep 2020 18:09
 Operator : CG/JU
 Sample : L4019-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-220

Manual Integrations
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mohammad
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Quant Time: Sep 16 19:04:26 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	139759	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	551328	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	344799	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	740140	20.00	ng	0.00
76) Chrysene-d12	21.110	240	623760	20.00	ng	0.00
86) Perylene-d12	23.321	264	619642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	647408	80.89	ng	0.00
7) Phenol-d6	6.810	99	807985	75.74	ng	0.00
23) Nitrobenzene-d5	8.763	82	530620	56.54	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	376373	71.57	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1292005	54.80	ng	0.00
79) Terphenyl-d14	19.592	244	1797852	60.05	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.981	152	110122	3.38	ng	98
50) Dimethylphthalate	13.722	163	135342	4.92	ng	100
58) Fluorene	15.316	166	62349	2.50	ng	98
71) Phenanthrene	17.057	178	673064	16.71	ng	100
72) Anthracene	17.145	178	216558	5.46	ng	100
73) Carbazole	17.422	167	91585	2.43	ng	99
75) Fluoranthene	19.039	202	1629213	32.18	ng	100
78) Pyrene	19.386	202	1283079	32.98	ng	100
81) Benzo(a)anthracene	21.092	228	539827	13.39	ng	98
83) Chrysene	21.145	228	553495	14.29	ng	98
84) Bis(2-ethylhexyl)phtha...	21.033	149	1064608	42.49	ng	98
87) Indeno(1,2,3-cd)pyrene	25.574	276	362201	7.71	ng	95
88) Benzo(b)fluoranthene	22.657	252	755770m	19.31	ng	
89) Benzo(k)fluoranthene	22.698	252	246083m	6.56	ng	
90) Benzo(a)pyrene	23.227	252	465917	12.63	ng	98
91) Dibenzo(a,h)anthracene	25.574	278	98380m	2.54	ng	
92) Benzo(g,h,i)perylene	26.262	276	345811	8.94	ng	98

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

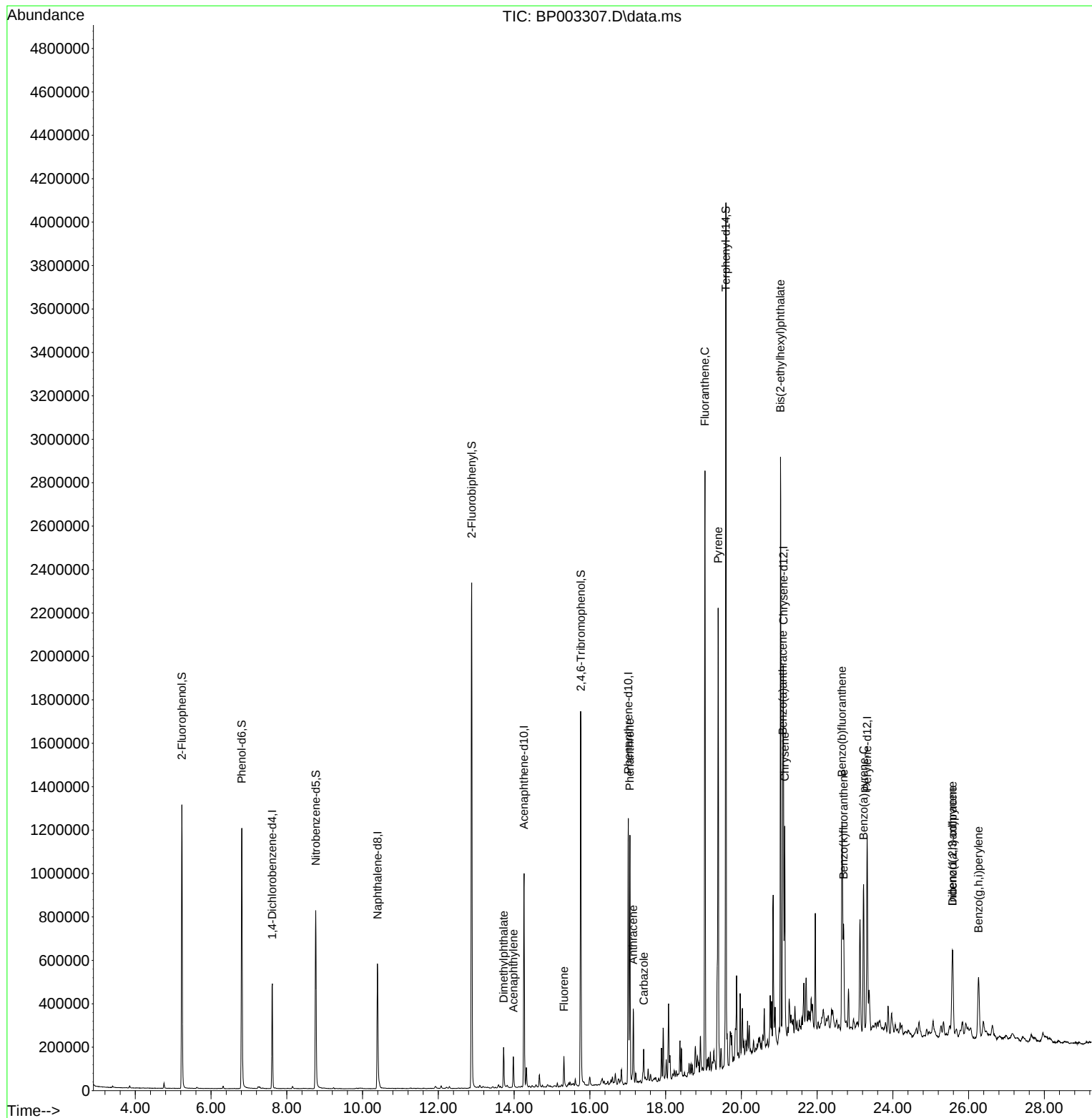
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003307.D
Acq On : 16 Sep 2020 18:09
Operator : CG/JU
Sample : L4019-01
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ALS Vial : 12 Sample Multiplier: 1

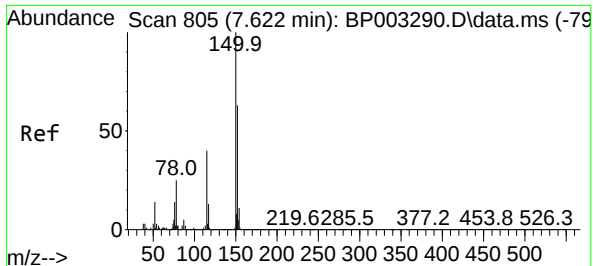
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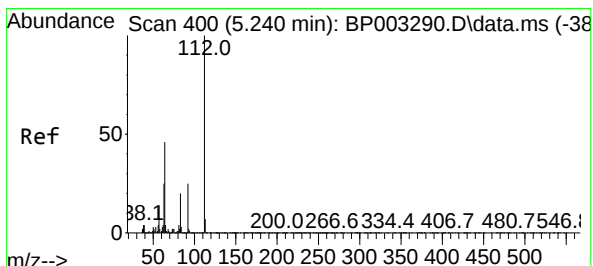
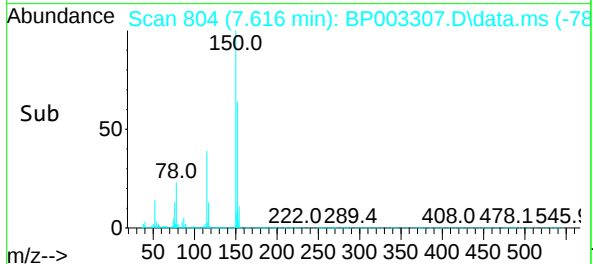
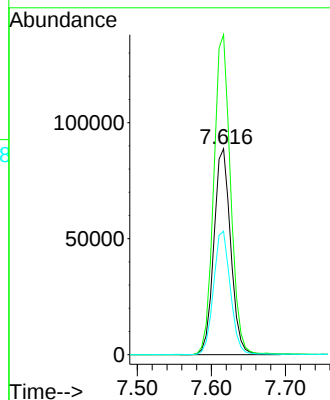
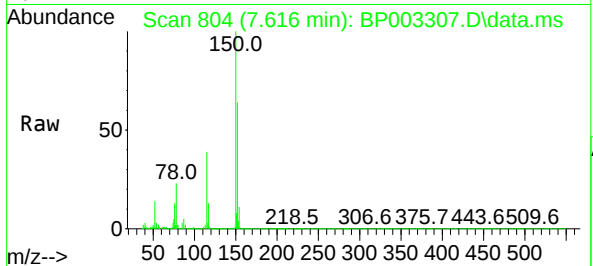
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion:152 Resp: 139759
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 60.0 43.8 65.6

Instrument :
BNA_P
ClientSampled :
VNJ-220

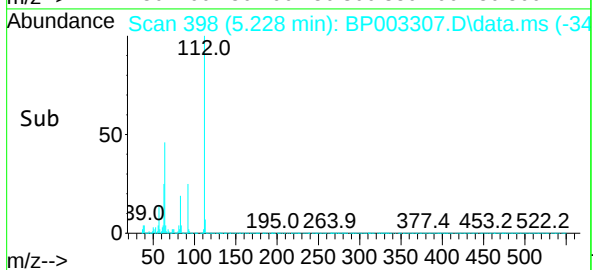
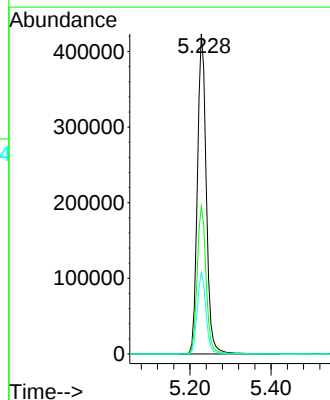
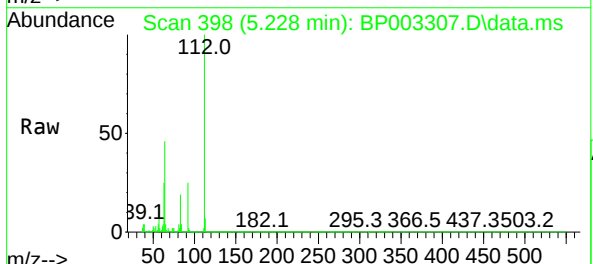
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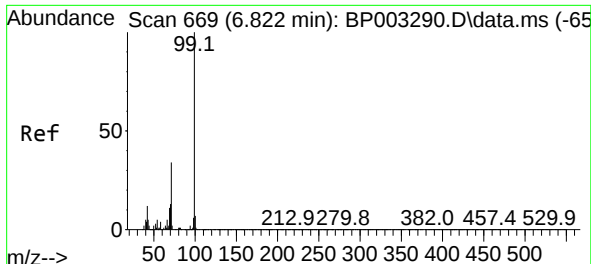
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#5
2-Fluorophenol
Concen: 80.89 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

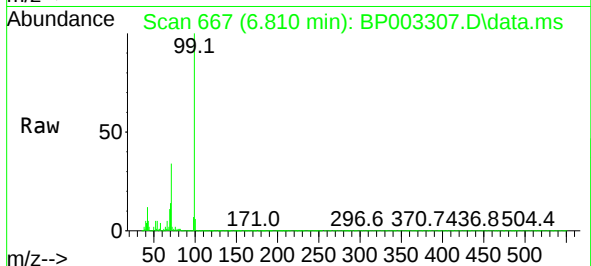
Tgt Ion:112 Resp: 647408
Ion Ratio Lower Upper
112 100
64 46.2 32.8 49.2
63 25.4 17.0 25.4





#7
Phenol-d6
Concen: 75.74 ng
RT: 6.810 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

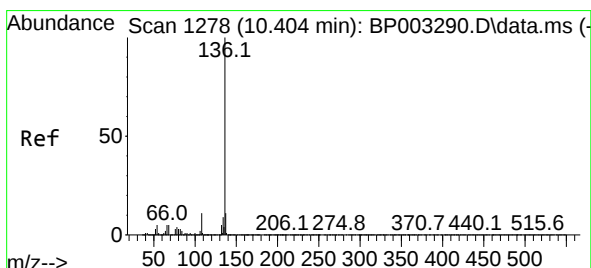
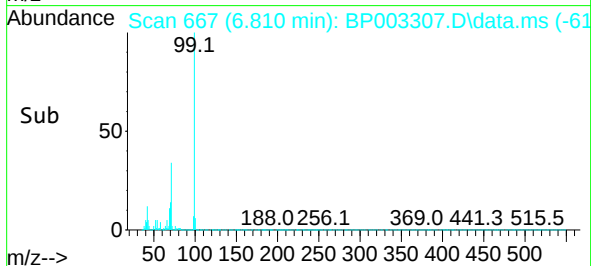
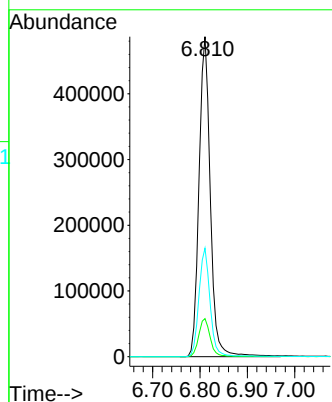
Instrument :
BNA_P
ClientSampled :
VNJ-220



Tgt Ion: 99 Resp: 807985
Ion Ratio Lower Upper
99 100
42 11.9 8.6 13.0
71 33.9 23.4 35.2

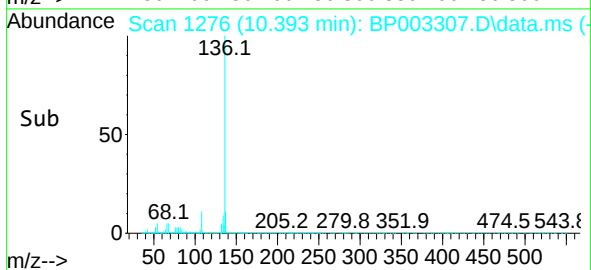
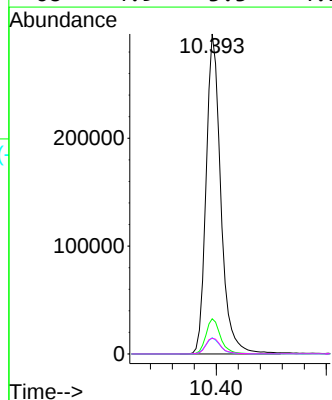
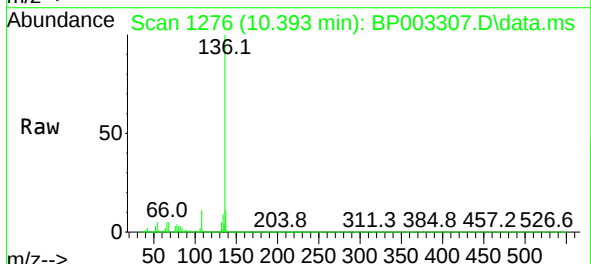
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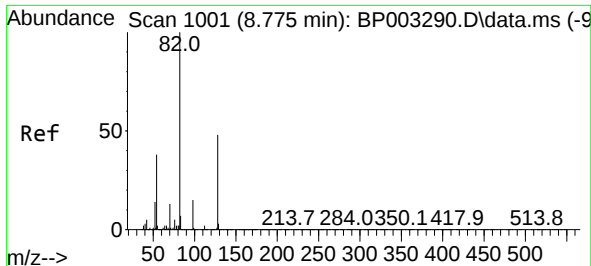
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

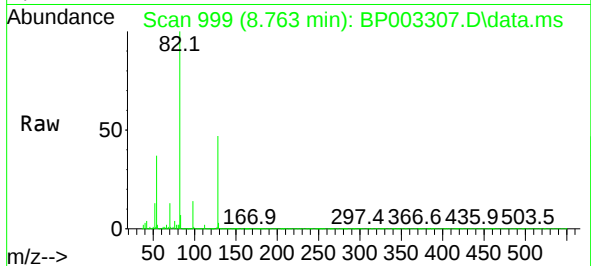
Tgt Ion: 136 Resp: 551328
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.1 3.6 5.4
68 4.9 3.3 4.9





#23
Nitrobenzene-d5
Concen: 56.54 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

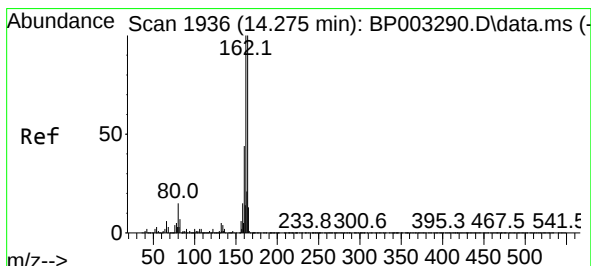
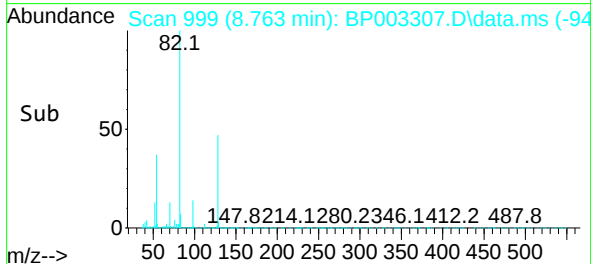
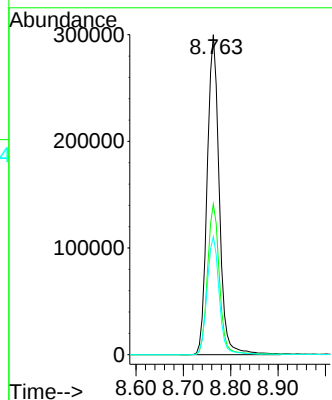
Instrument :
BNA_P
ClientSampleId :
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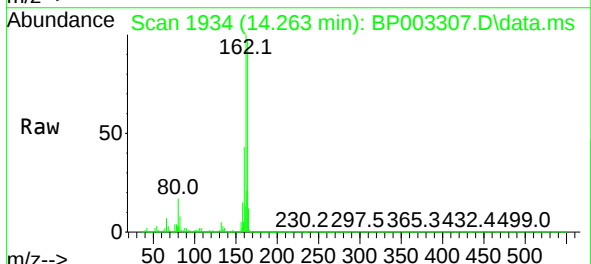
Tgt Ion: 82 Resp: 530620
Ion Ratio Lower Upper
82 100
128 47.1 45.6 68.4
54 36.9 30.1 45.1

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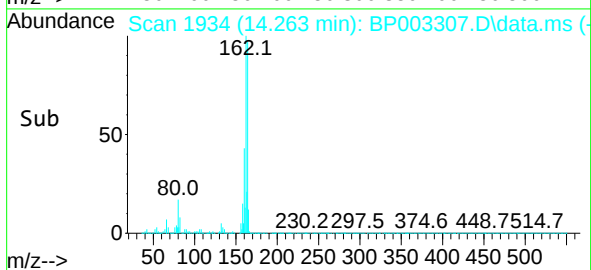
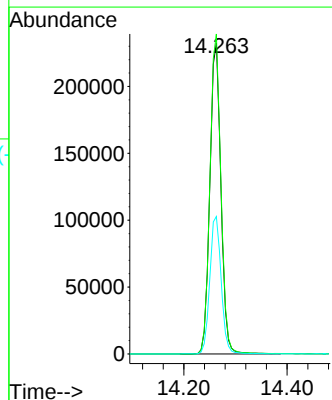
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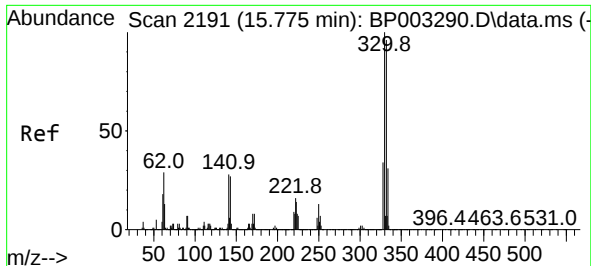


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09



Tgt Ion: 164 Resp: 344799
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 44.2 36.1 54.1





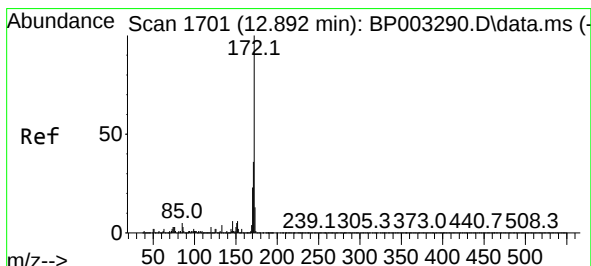
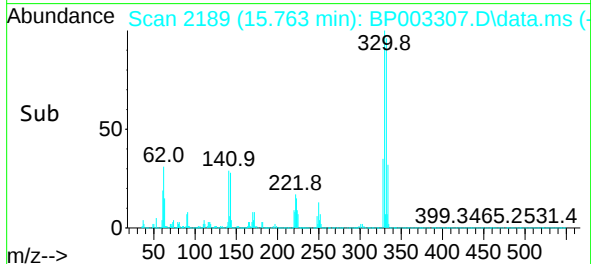
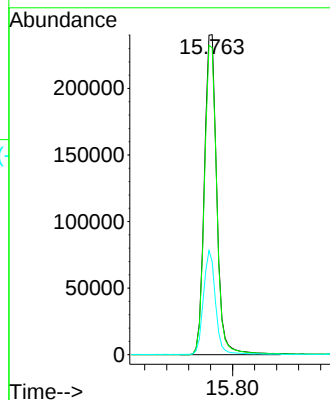
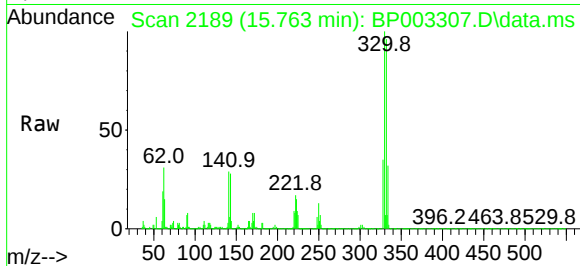
#42
2,4,6-Tribromophenol
Concen: 71.57 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion: 330 Resp: 376373
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.8 23.4 35.2

Instrument :
BNA_P
ClientSampleId :
VNJ-220

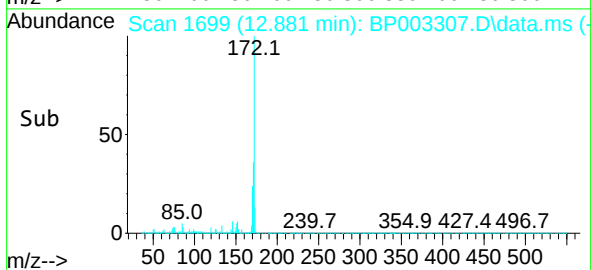
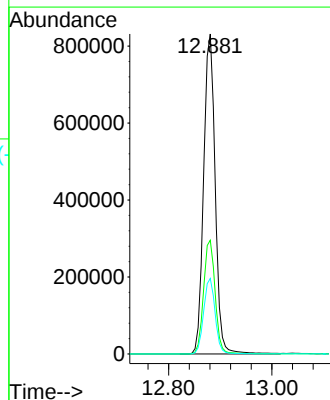
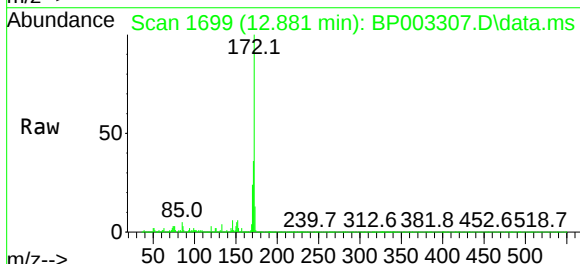
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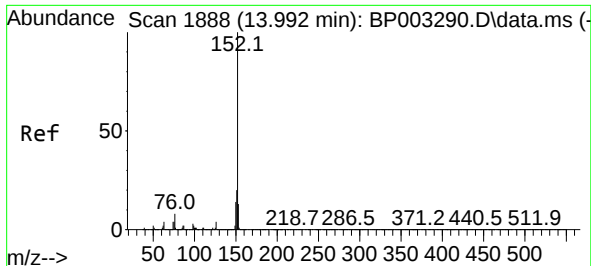
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#45
2-Fluorobiphenyl
Concen: 54.80 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

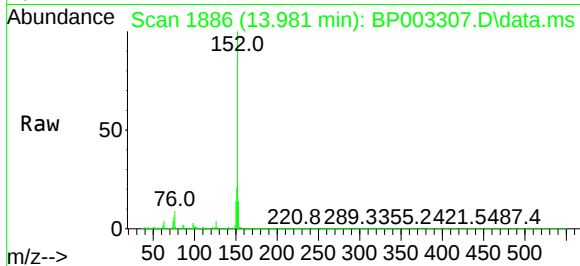
Tgt Ion: 172 Resp: 1292005
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 19.2 28.8





#49
Acenaphthylene
Concen: 3.38 ng
RT: 13.981 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

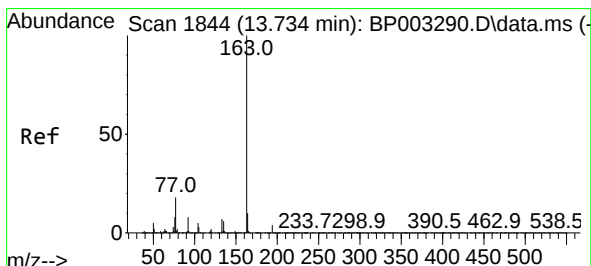
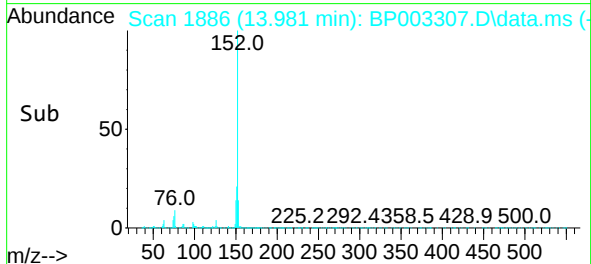
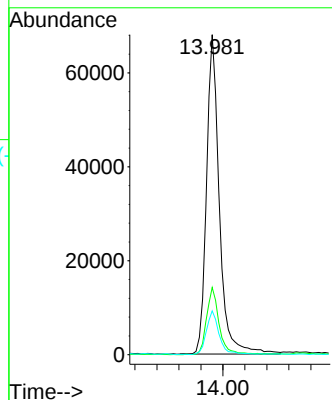
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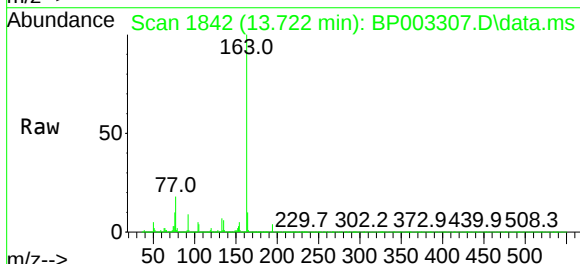
Tgt Ion:152 Resp: 110122
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 13.7 10.5 15.7

Manual Integrations
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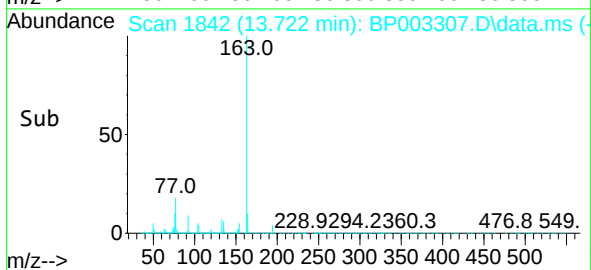
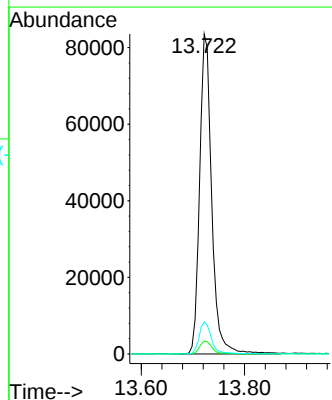
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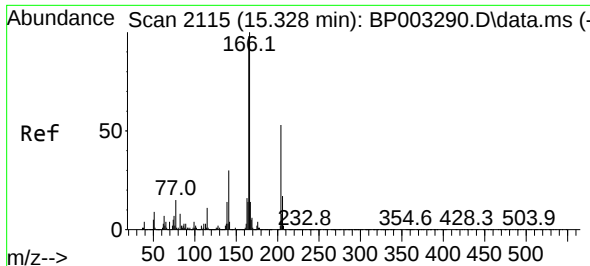


#50
Dimethylphthalate
Concen: 4.92 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09



Tgt Ion:163 Resp: 135342
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.2





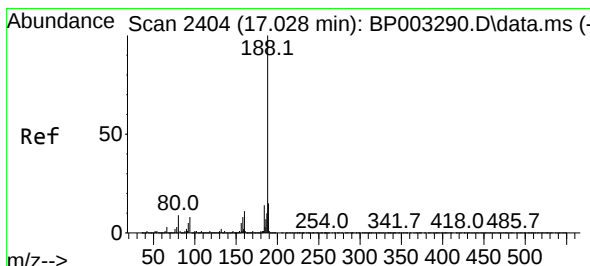
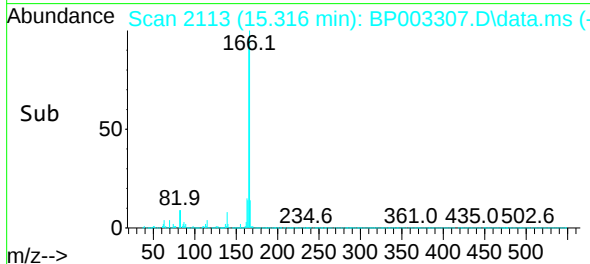
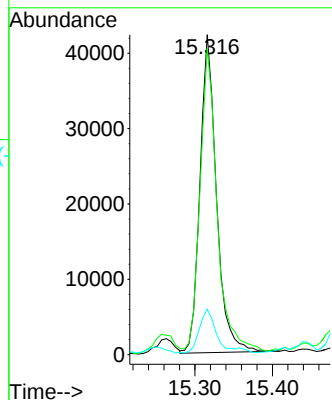
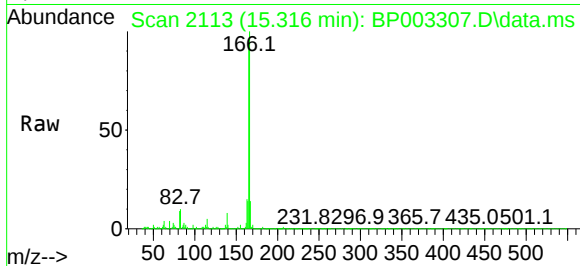
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Fluorene
Concen: 2.50 ng
RT: 15.316 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion:166 Resp: 62349
Ion Ratio Lower Upper
166 100
165 95.7 77.8 116.8
167 14.3 11.0 16.4

Instrument :
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VNJ-220

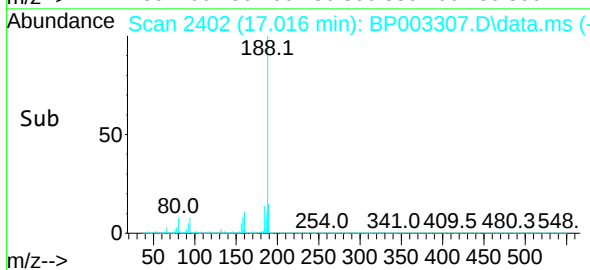
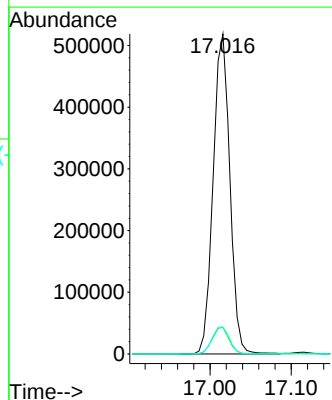
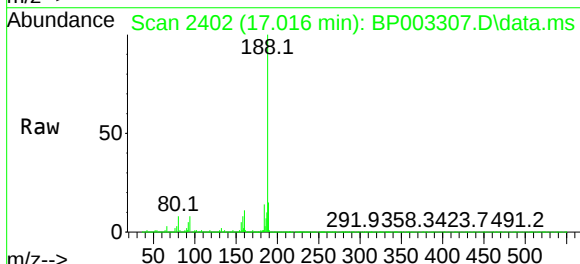
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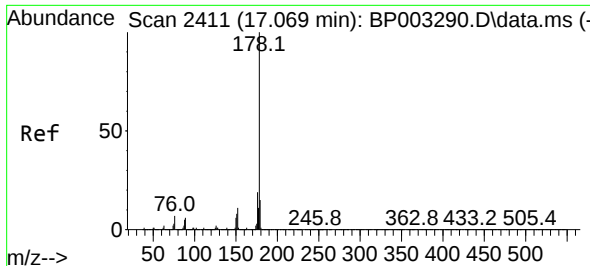
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion:188 Resp: 740140
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.4 6.2 9.2





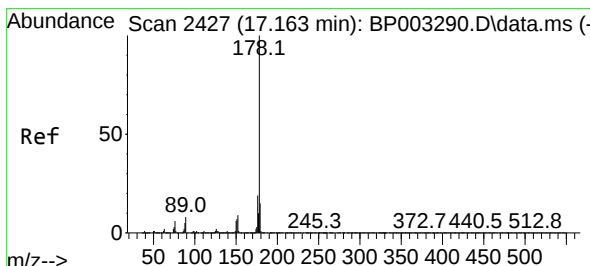
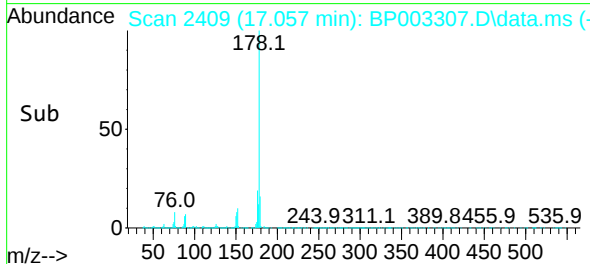
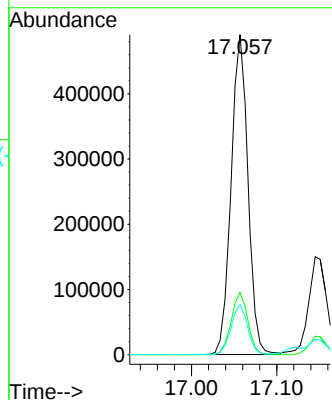
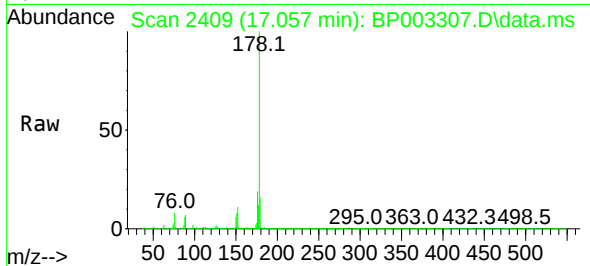
#71
Phenanthrene
Concen: 16.71 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion:178 Resp: 673064
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.5 18.7

Instrument :
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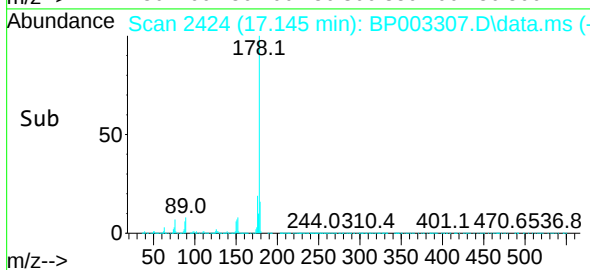
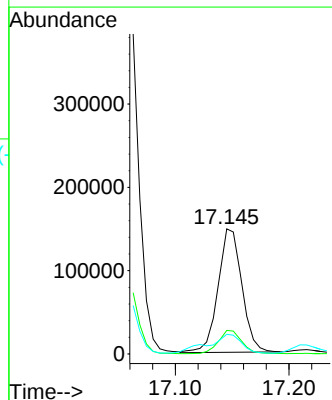
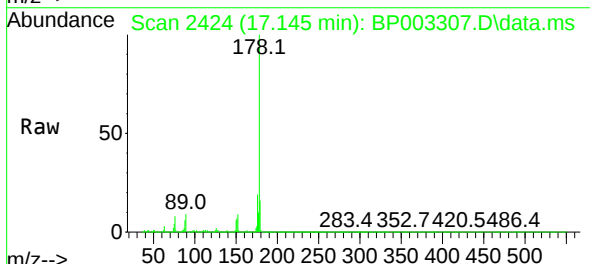
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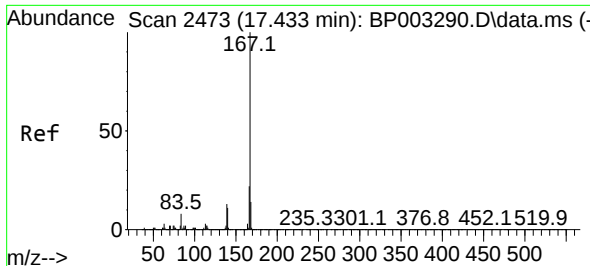
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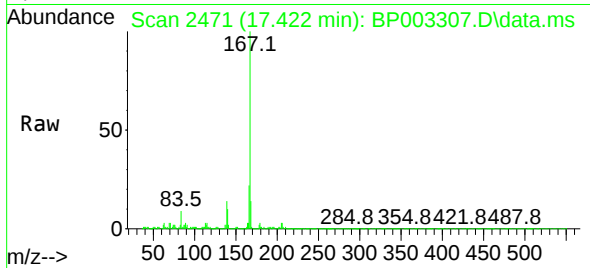
#72
Anthracene
Concen: 5.46 ng
RT: 17.145 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion:178 Resp: 216558
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.8 12.5 18.7

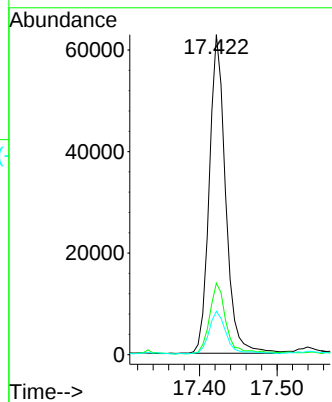




#73
 Carbazole
 Concen: 2.43 ng
 RT: 17.422 min Scan# 2471
 Delta R.T. -0.006 min
 Lab File: BP003307.D
 Acq: 16 Sep 2020 18:09



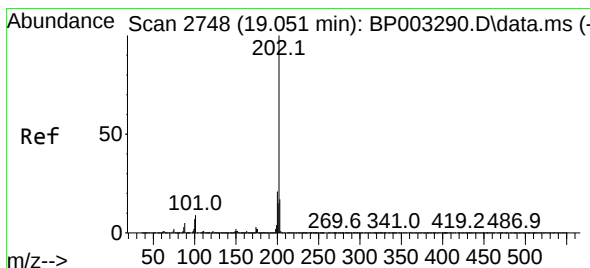
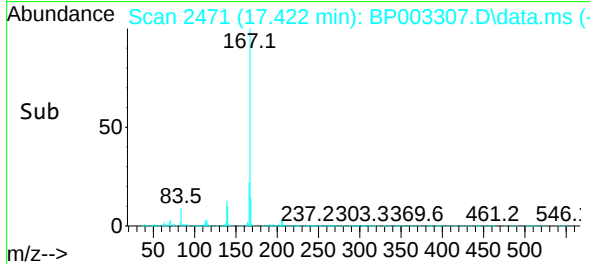
Tgt Ion:	167	Resp:	91585
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.6	26.4
139	13.6	10.2	15.4



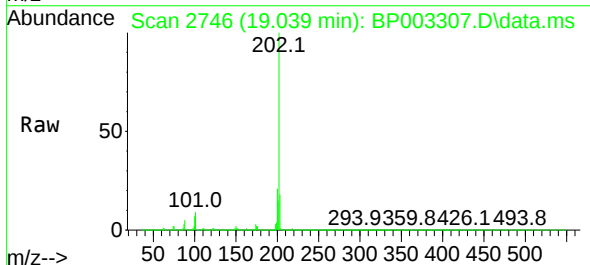
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-220

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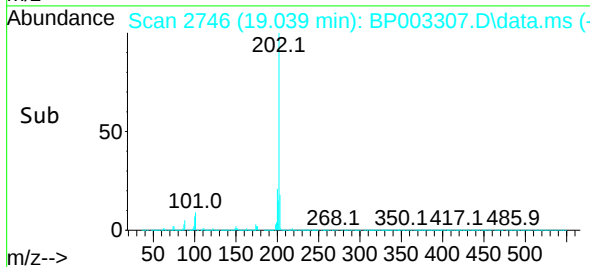
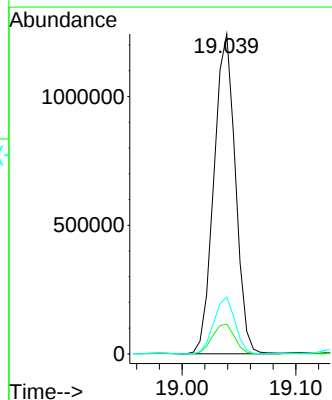
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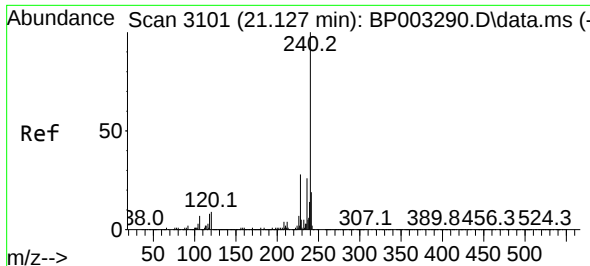


#75
 Fluoranthene
 Concen: 32.18 ng
 RT: 19.039 min Scan# 2746
 Delta R.T. 0.000 min
 Lab File: BP003307.D
 Acq: 16 Sep 2020 18:09



Tgt Ion:	202	Resp:	1629213
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.4
203	17.8	0.0	37.8





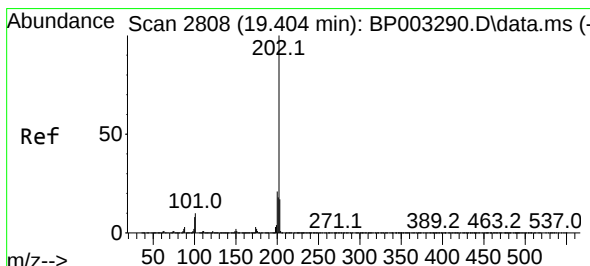
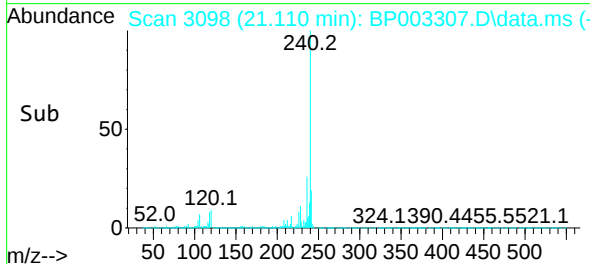
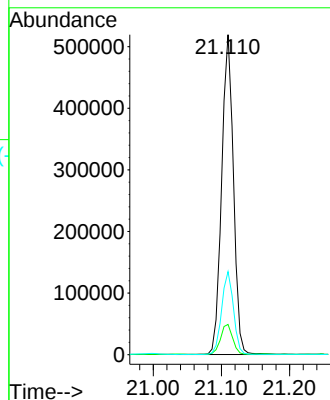
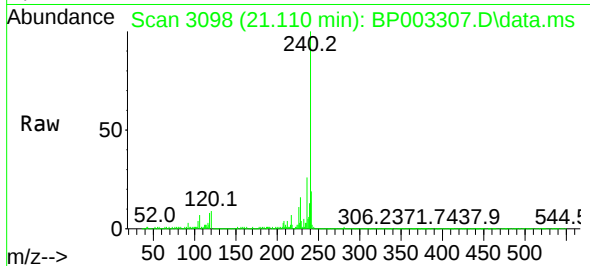
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion:240 Resp: 623760
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.9 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
VNJ-220

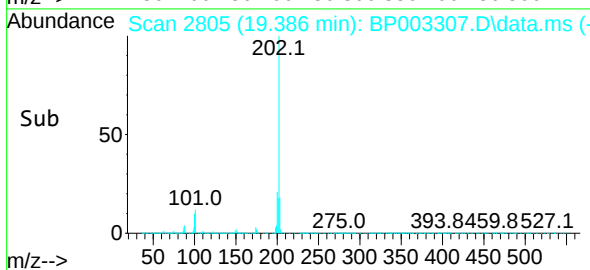
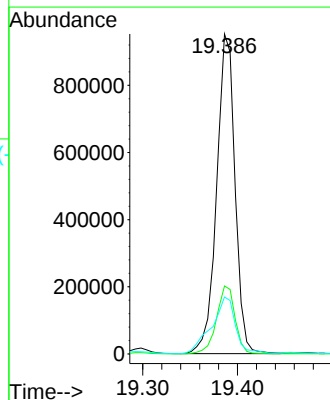
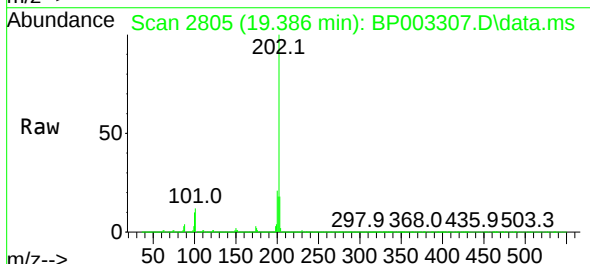
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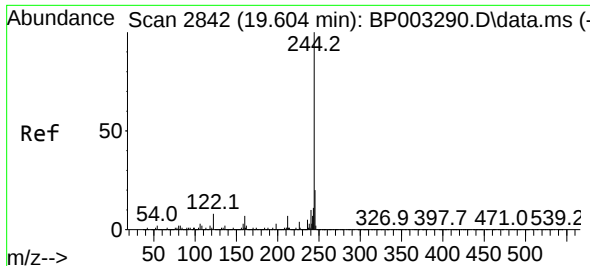
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#78
Pyrene
Concen: 32.98 ng
RT: 19.386 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

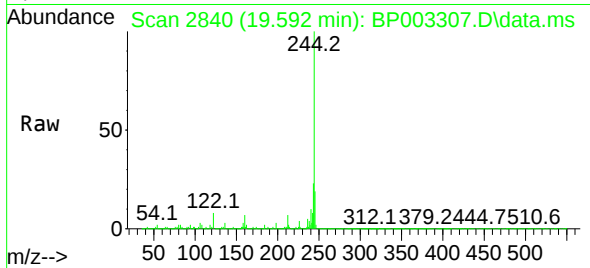
Tgt Ion:202 Resp: 1283079
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.8 14.2 21.2





#79
Terphenyl-d14
Concen: 60.05 ng
RT: 19.592 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

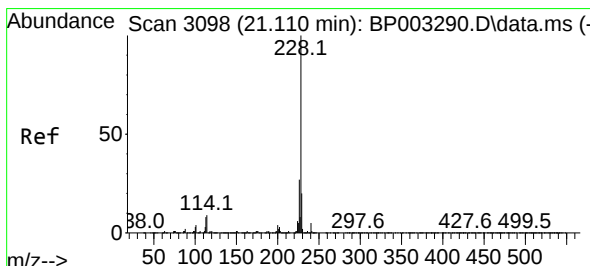
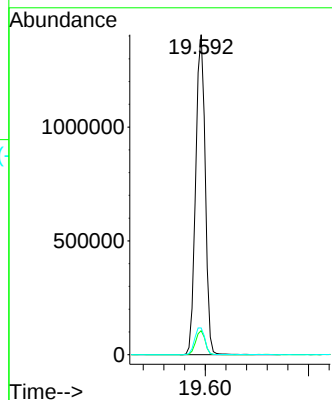
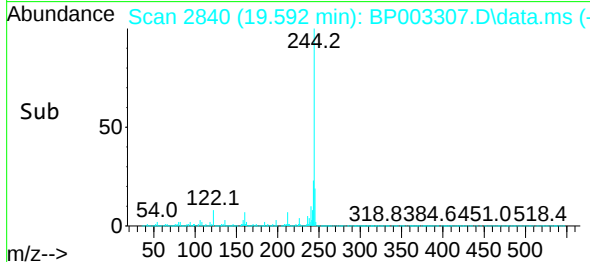
Instrument :
BNA_P
ClientSampled :
VNJ-220



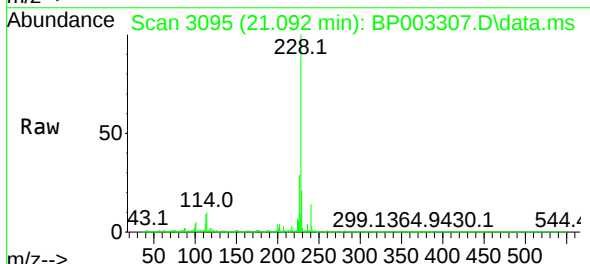
Tgt Ion:244 Resp: 1797852
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.3 7.8 11.8

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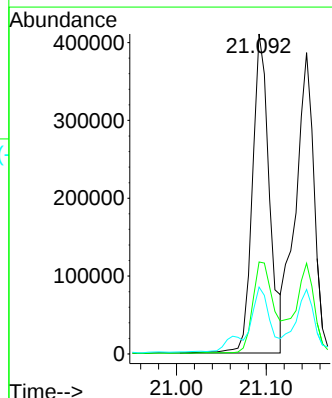
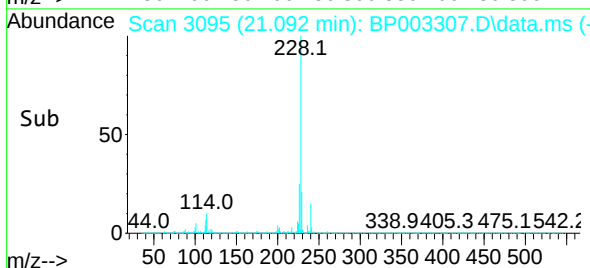
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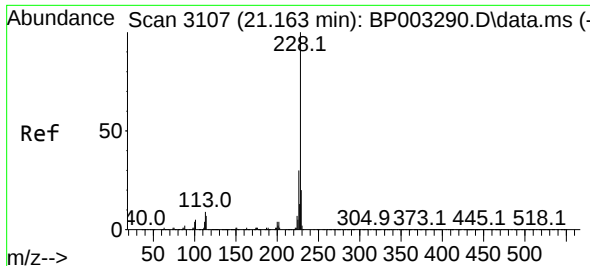


#81
Benzo(a)anthracene
Concen: 13.39 ng
RT: 21.092 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09



Tgt Ion:228 Resp: 539827
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 20.9 15.9 23.9





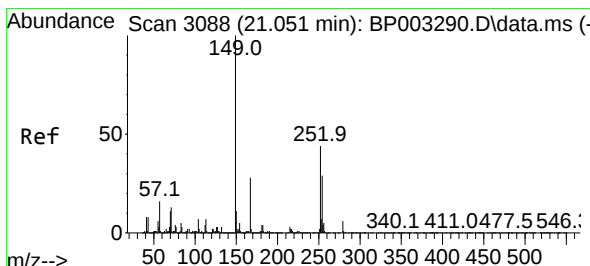
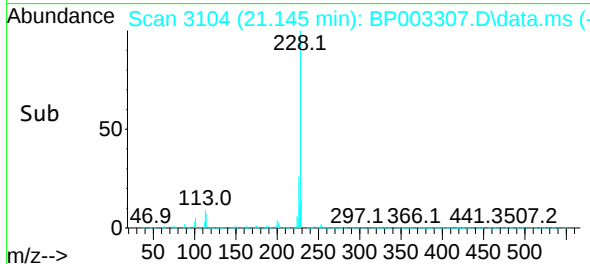
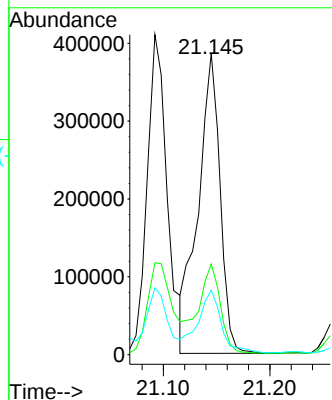
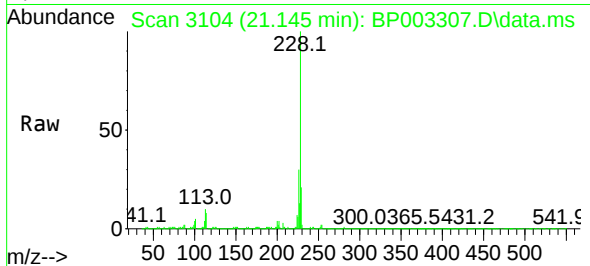
#83
Chrysene
Concen: 14.29 ng
RT: 21.145 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

Tgt Ion: 228 Resp: 553495
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 21.4 15.8 23.6

Instrument :
BNA_P
ClientSampled :
VNJ-220

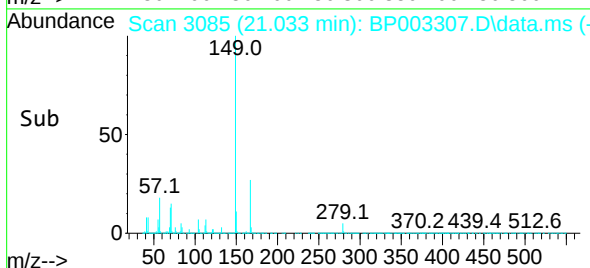
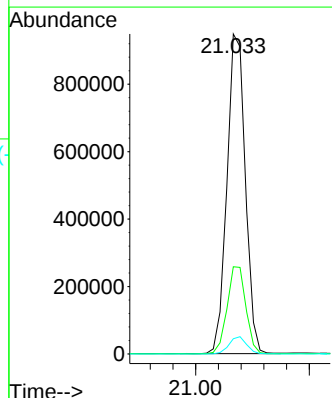
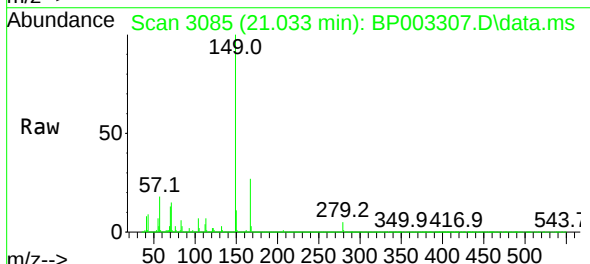
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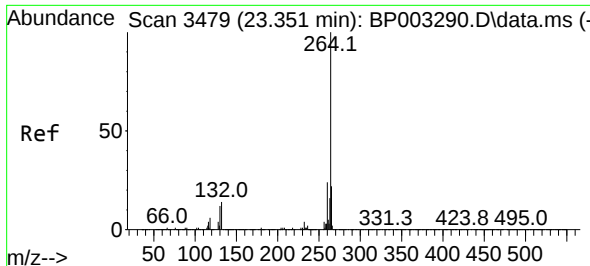
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.49 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

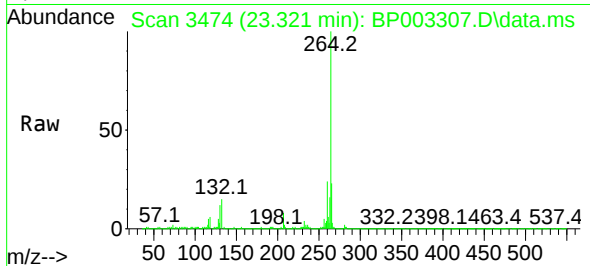
Tgt Ion: 149 Resp: 1064608
Ion Ratio Lower Upper
149 100
167 27.3 22.6 34.0
279 4.7 4.2 6.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

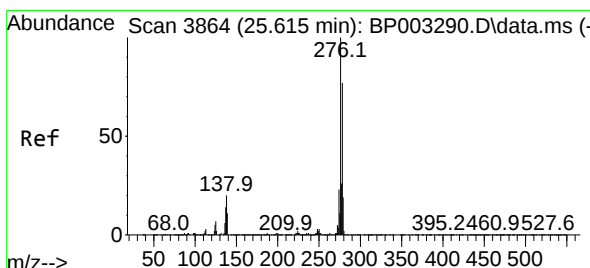
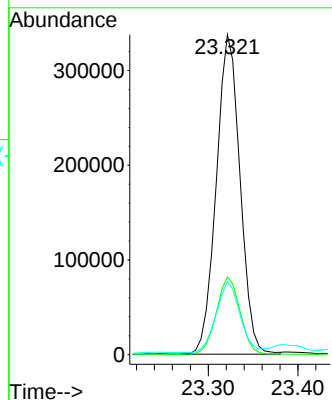
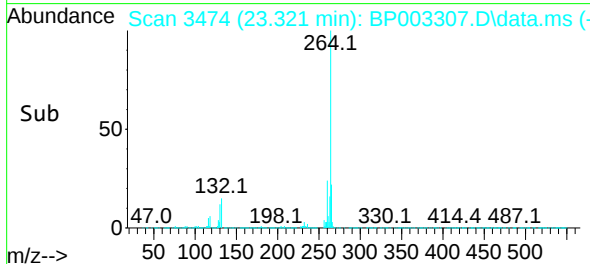
Instrument :
BNA_P
ClientSampled :
VNJ-220



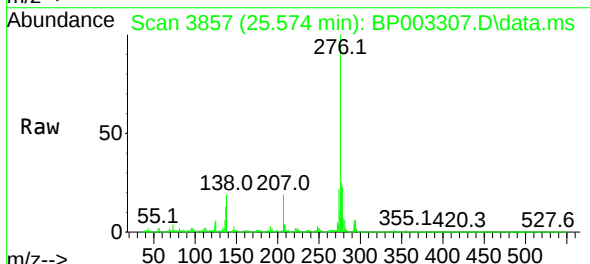
Tgt Ion:264 Resp: 619642
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.8 17.4 26.2

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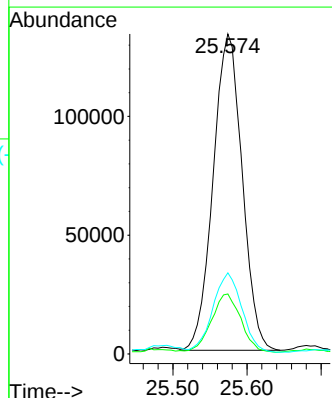
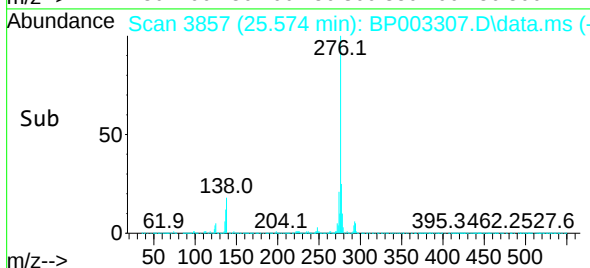
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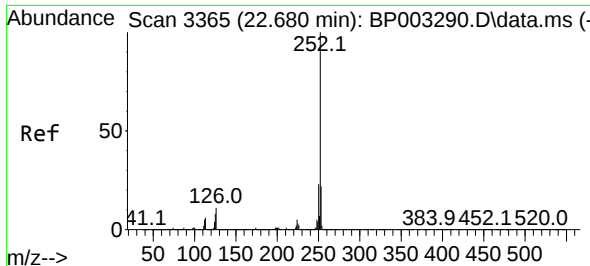


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.71 ng
RT: 25.574 min Scan# 3857
Delta R.T. -0.012 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09



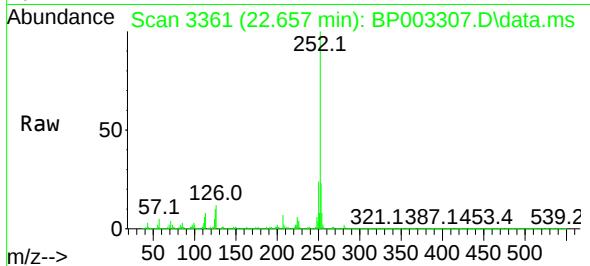
Tgt Ion:276 Resp: 362201
Ion Ratio Lower Upper
276 100
138 18.8 18.7 28.1
277 25.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 19.31 ng m
RT: 22.657 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

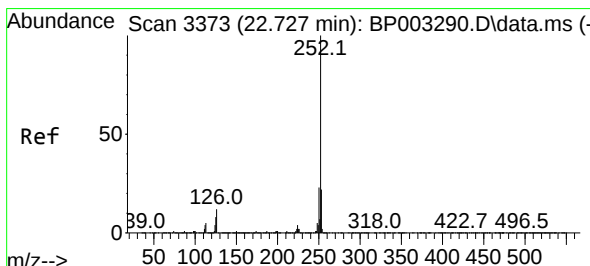
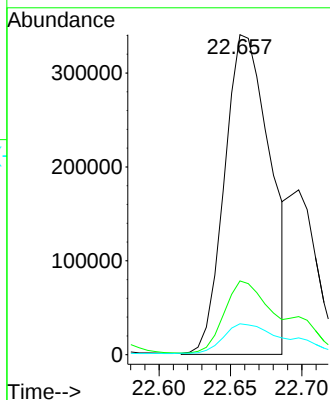
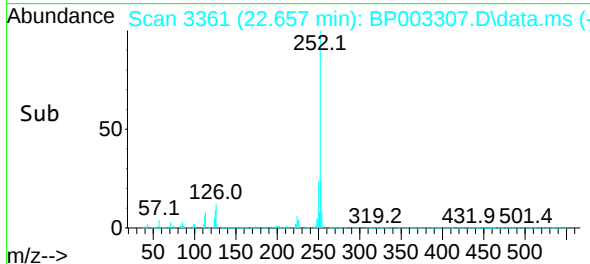
Instrument :
BNA_P
ClientSampled :
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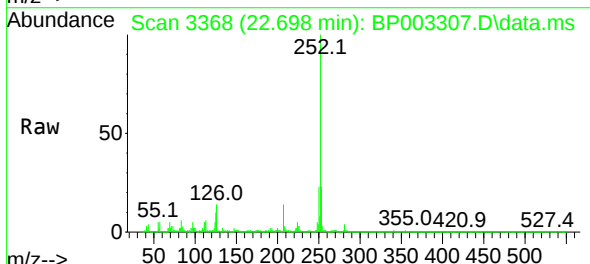
Tgt Ion:252 Resp: 755770
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.7 7.3 10.9

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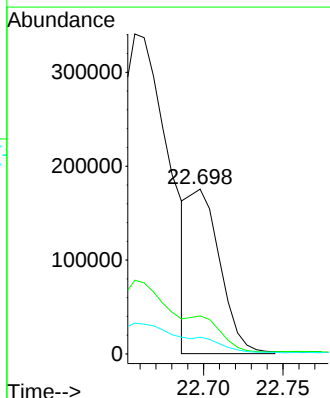
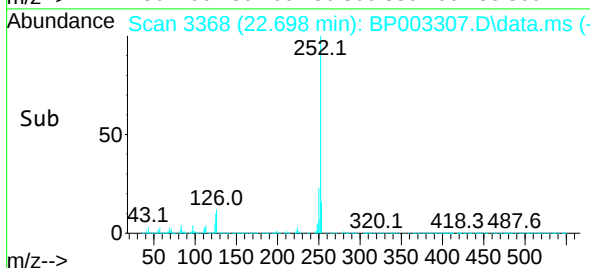
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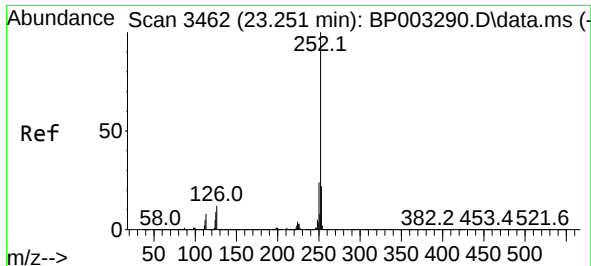


#89
Benzo(k)fluoranthene
Concen: 6.56 ng m
RT: 22.698 min Scan# 3368
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09



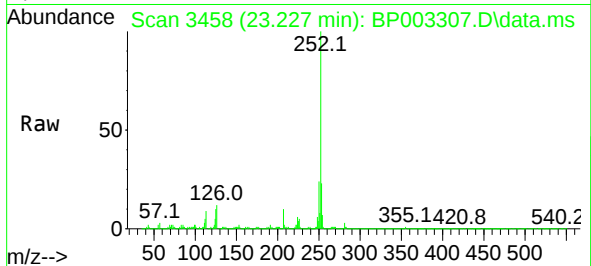
Tgt Ion:252 Resp: 246083
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.2 7.4 11.2





#90
Benzo(a)pyrene
Concen: 12.63 ng
RT: 23.227 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09

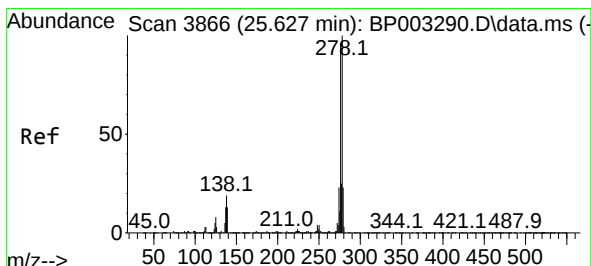
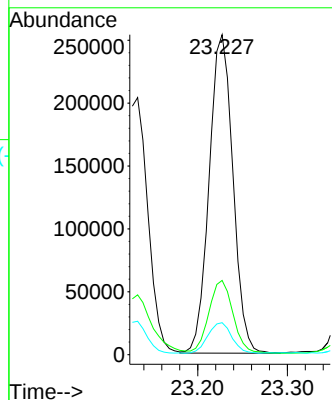
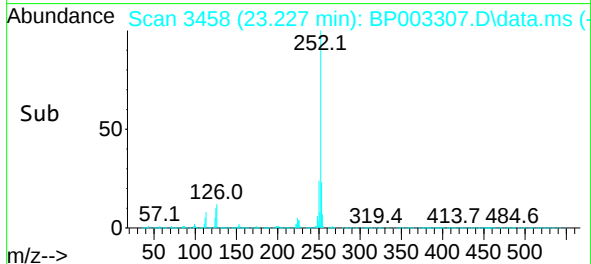
Instrument :
BNA_P
ClientSampled :
VNJ-220



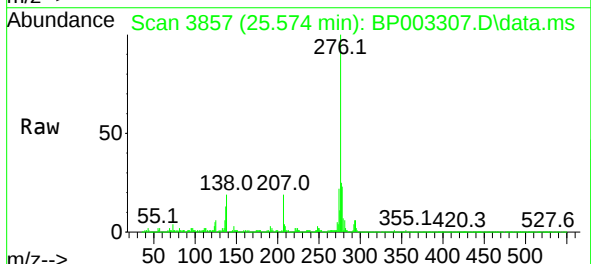
Tgt Ion:252 Resp: 465917
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 10.0 8.2 12.4

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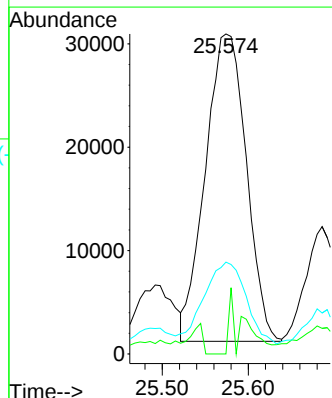
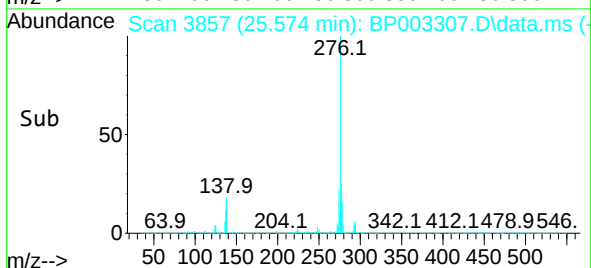
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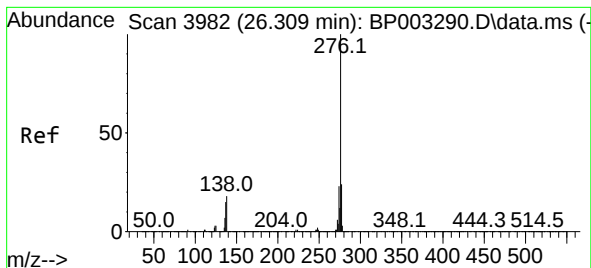


#91
Dibenzo(a,h)anthracene
Concen: 2.54 ng m
RT: 25.574 min Scan# 3857
Delta R.T. -0.024 min
Lab File: BP003307.D
Acq: 16 Sep 2020 18:09



Tgt Ion:278 Resp: 98380
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 28.7 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 8.94 ng

RT: 26.262 min Scan# 3974

Delta R.T. -0.012 min

Lab File: BP003307.D

Acq: 16 Sep 2020 18:09

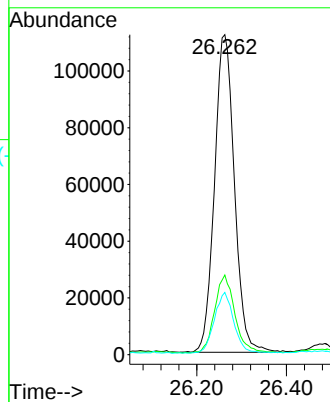
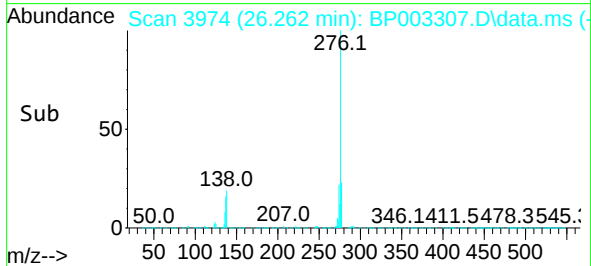
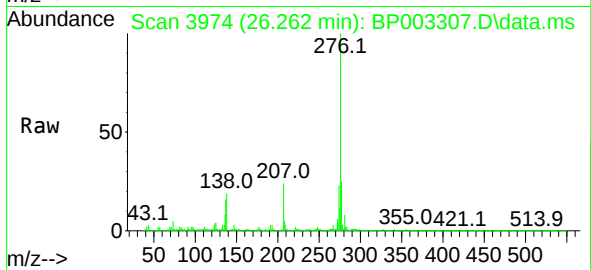
Tgt Ion: 276 Resp: 345811

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.6

138 19.4 16.6 24.8



Instrument :

BNA_P

ClientSampleId :

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