

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003309.D
 Acq On : 16 Sep 2020 19:17
 Operator : CG/JU
 Sample : L4020-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-370

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:28:44 AM

Quant Time: Sep 17 02:31:40 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	147582	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	574857	20.00	ng	# 0.00
39) Acenaphthene-d10	14.263	164	336357	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	642828	20.00	ng	0.00
76) Chrysene-d12	21.110	240	578553	20.00	ng	0.00
86) Perylene-d12	23.321	264	645621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	688863	81.50	ng	0.00
7) Phenol-d6	6.811	99	871022	77.32	ng	0.00
23) Nitrobenzene-d5	8.763	82	577957	59.07	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	336711	65.63	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1365336	59.37	ng	0.00
79) Terphenyl-d14	19.592	244	1521919	54.81	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.981	152	118208	3.72	ng	98
50) Dimethylphthalate	13.722	163	194696	7.25	ng	99
71) Phenanthrene	17.057	178	126594	3.62	ng	99
72) Anthracene	17.151	178	83763	2.43	ng	99
75) Fluoranthene	19.039	202	481176	10.94	ng	100
78) Pyrene	19.386	202	483649	13.40	ng	100
81) Benzo(a)anthracene	21.092	228	368711	9.86	ng	96
83) Chrysene	21.145	228	328682	9.15	ng	98
84) Bis(2-ethylhexyl)phtha...	21.033	149	57793	2.49	ng	99
87) Indeno(1,2,3-cd)pyrene	25.574	276	355424	7.26	ng	# 94
88) Benzo(b)fluoranthene	22.657	252	611614	15.00	ng	97
89) Benzo(k)fluoranthene	22.698	252	197581m	5.06	ng	
90) Benzo(a)pyrene	23.227	252	452714	11.78	ng	98
91) Dibenzo(a,h)anthracene	25.574	278	89020m	2.20	ng	
92) Benzo(g,h,i)perylene	26.262	276	368046	9.13	ng	95

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

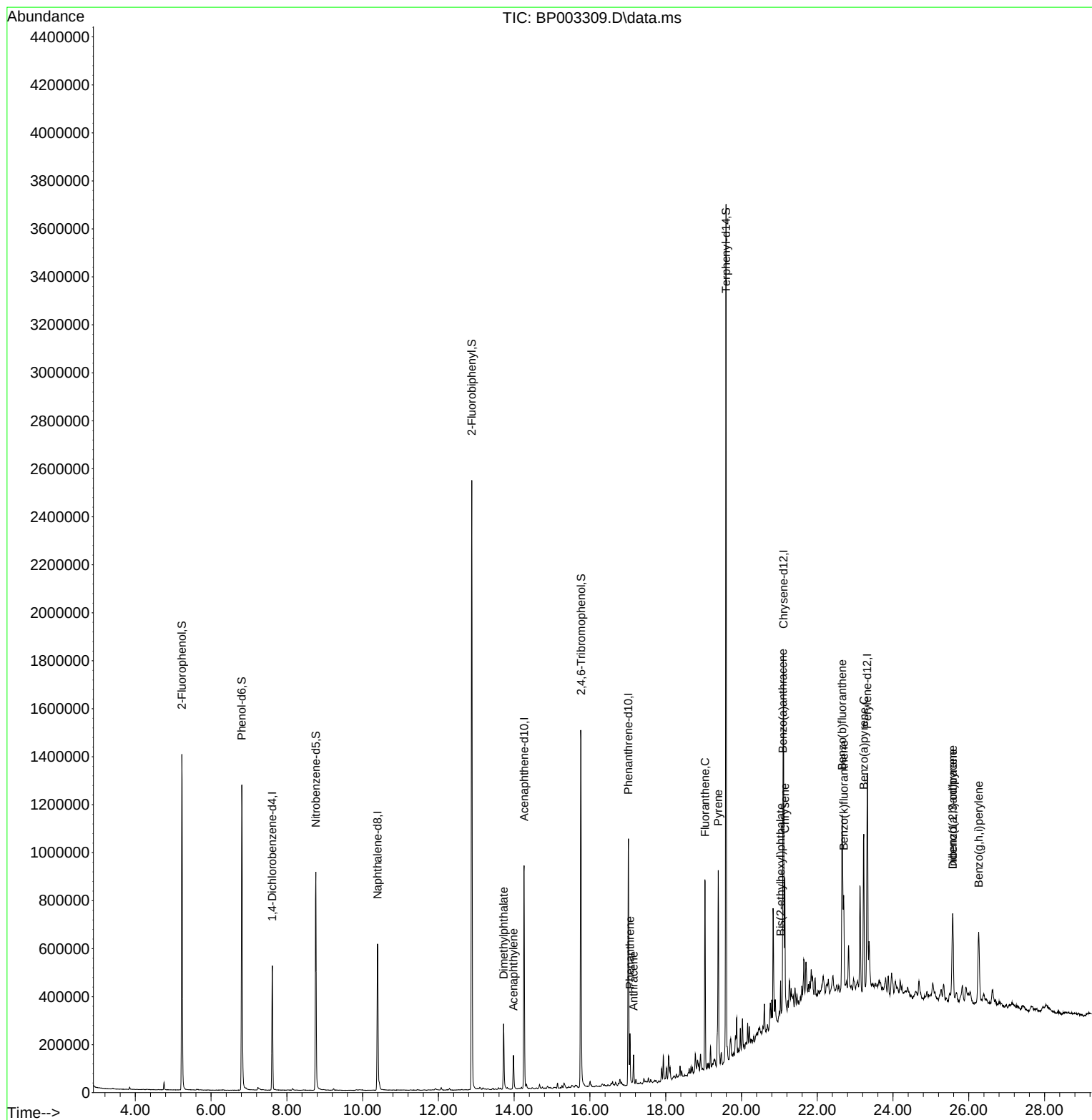
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
Data File : BP003309.D
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ALS Vial : 14 Sample Multiplier: 1

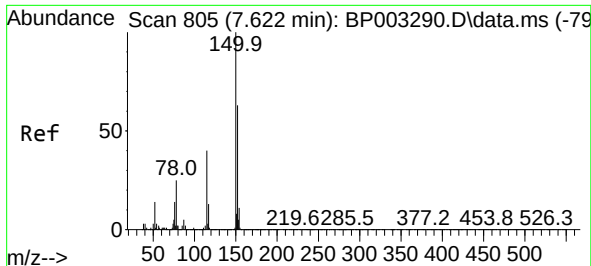
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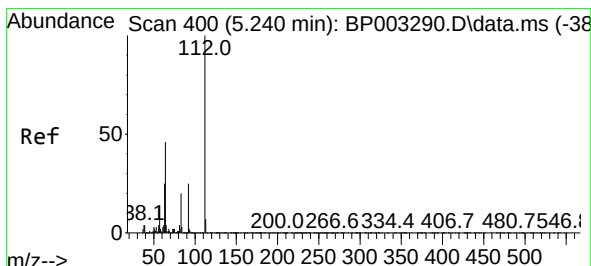
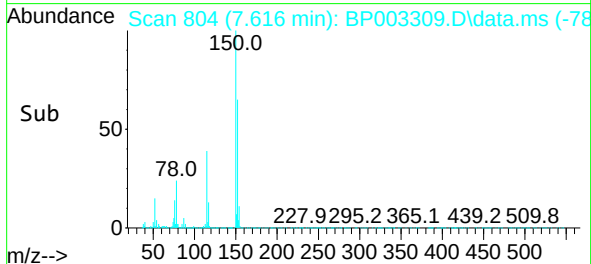
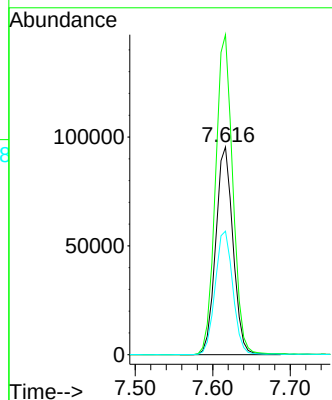
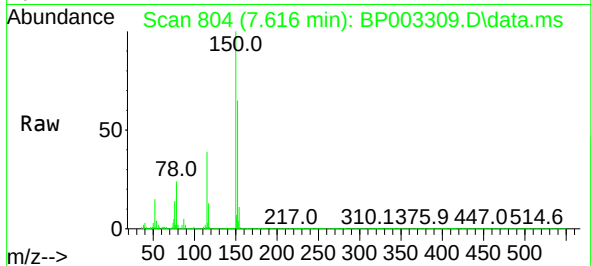
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	59.5	43.8	65.6

Instrument :
BNA_P
ClientSampled :
ETGI-370

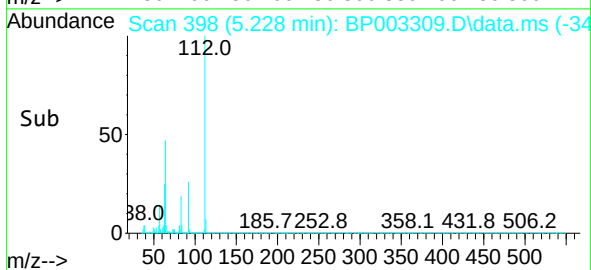
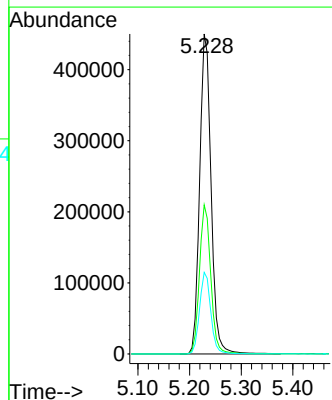
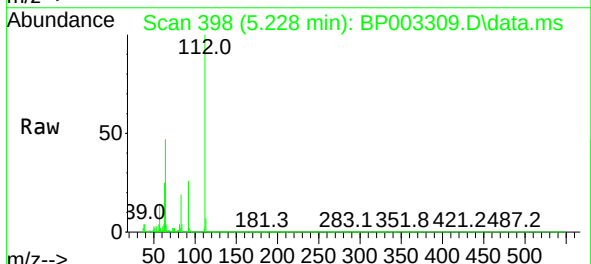
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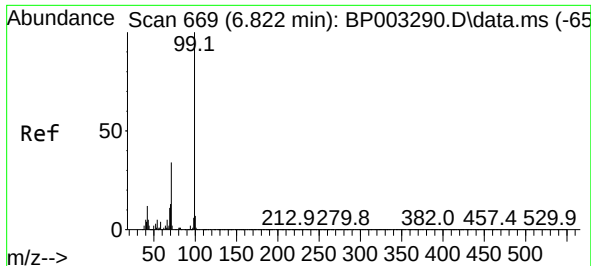
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#5
2-Fluorophenol
Concen: 81.50 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

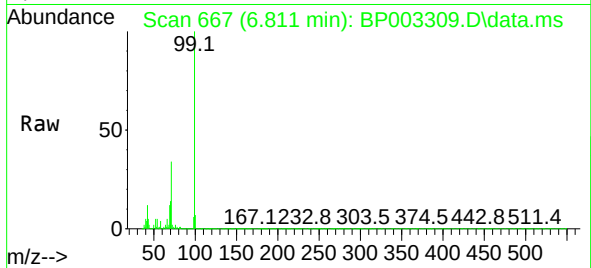
Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.6	32.8	49.2
63	25.5	17.0	25.4





#7
Phenol-d6
Concen: 77.32 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

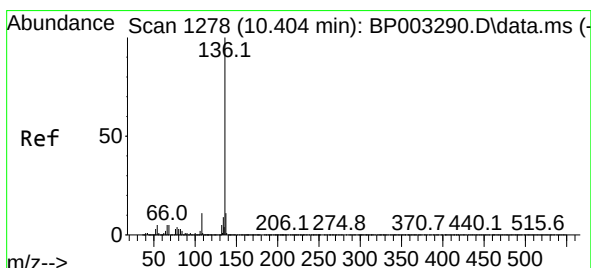
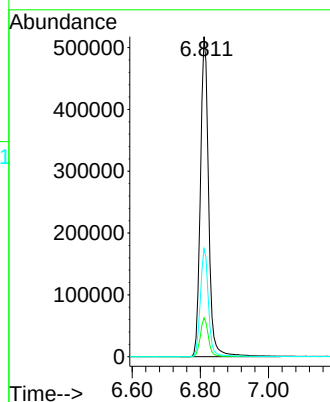
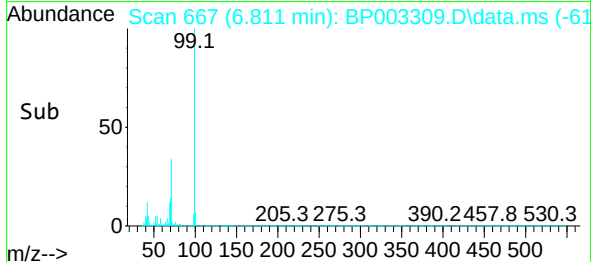
Instrument :
BNA_P
ClientSampled :
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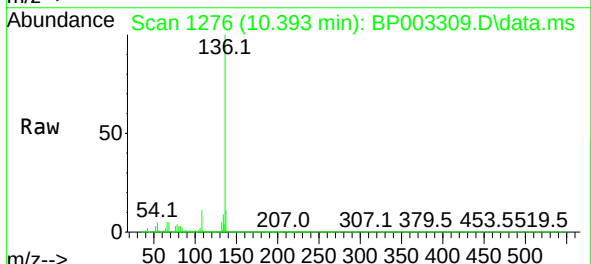
Tgt Ion: 99 Resp: 871022
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 33.7 23.4 35.2

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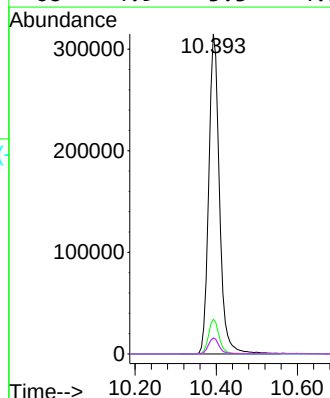
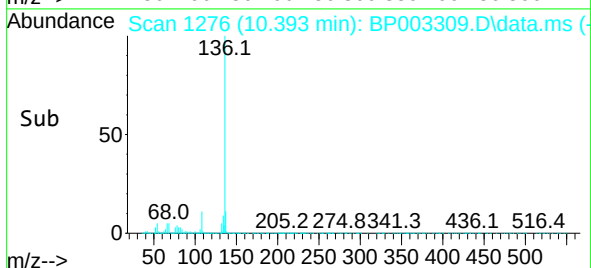
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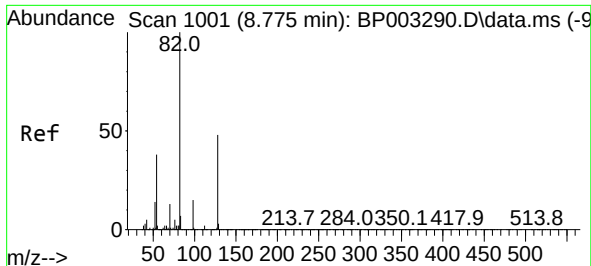


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17



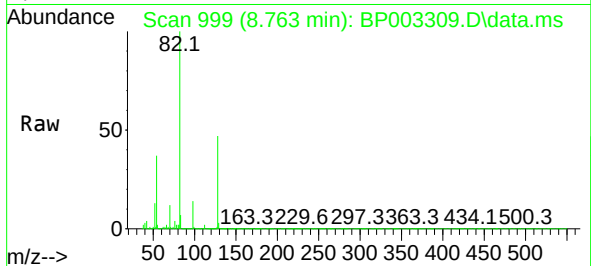
Tgt Ion: 136 Resp: 574857
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.1 3.6 5.4
68 4.9 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 59.07 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

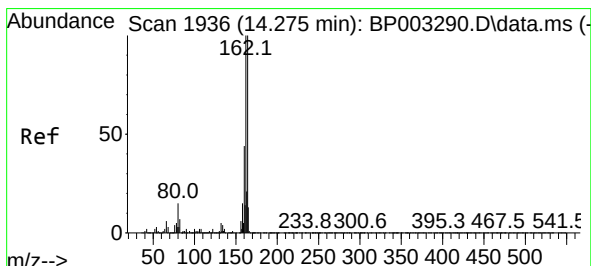
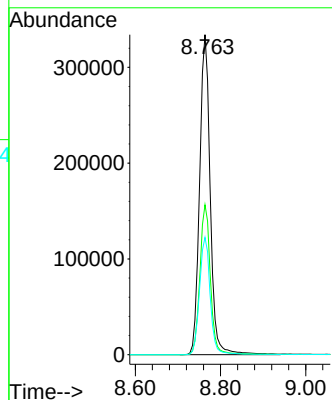
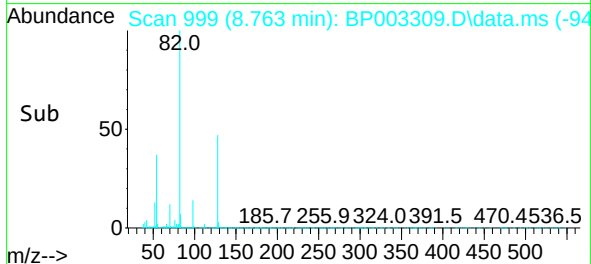
Instrument :
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ClientSampleId :
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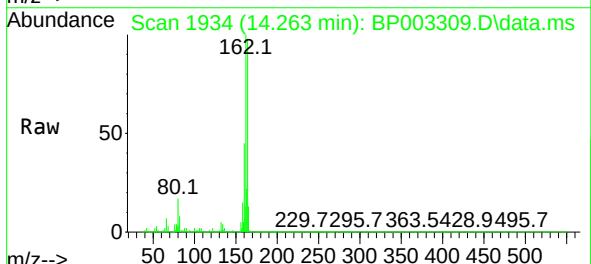
Tgt Ion: 82 Resp: 577957
Ion Ratio Lower Upper
82 100
128 46.9 45.6 68.4
54 36.6 30.1 45.1

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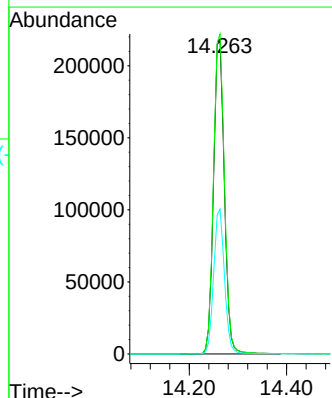
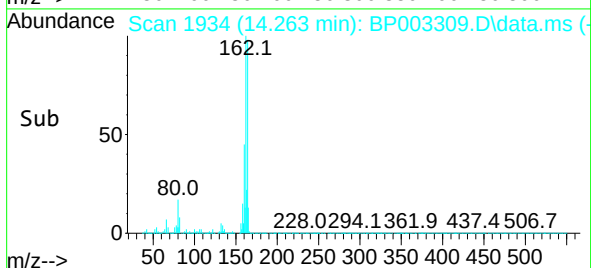
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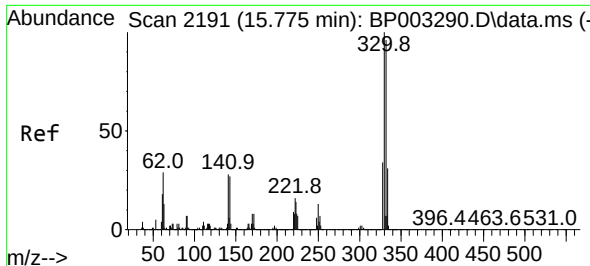


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17



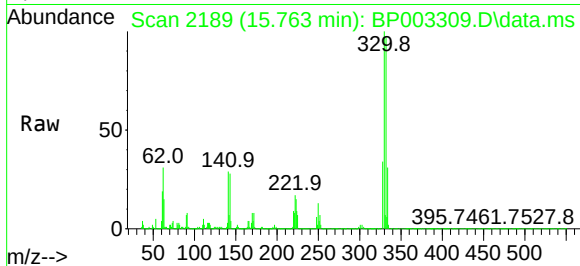
Tgt Ion: 164 Resp: 336357
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.2
160 46.3 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 65.63 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

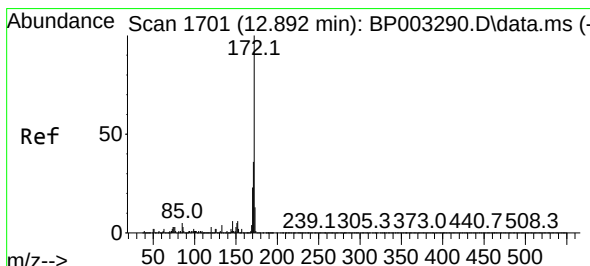
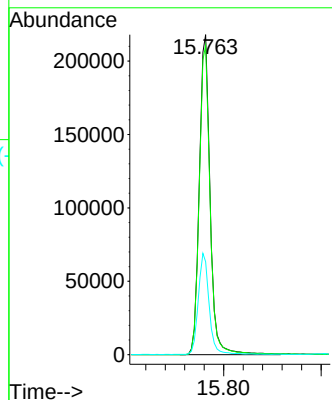
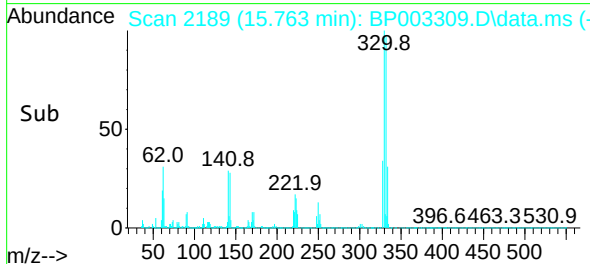
Instrument :
BNA_P
ClientSampleId :
ETGI-370



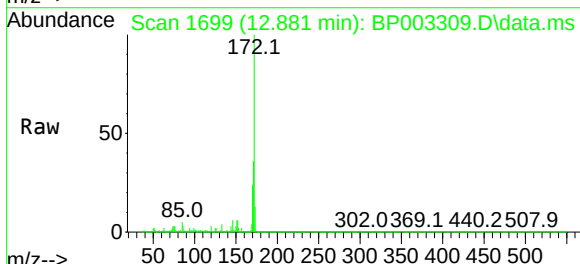
Tgt Ion: 330 Resp: 336711
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.7 23.4 35.2

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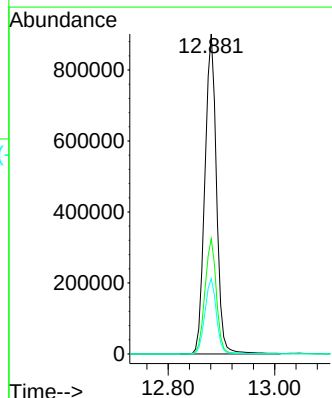
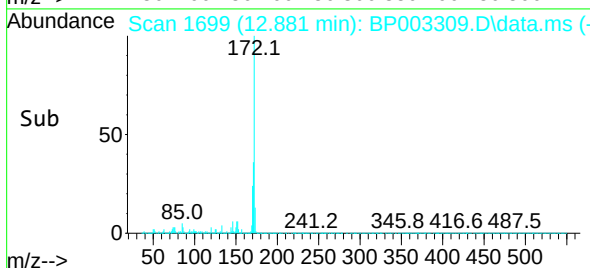
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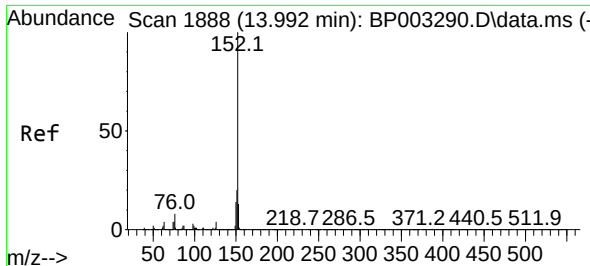


#45
2-Fluorobiphenyl
Concen: 59.37 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17



Tgt Ion: 172 Resp: 1365336
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 19.2 28.8





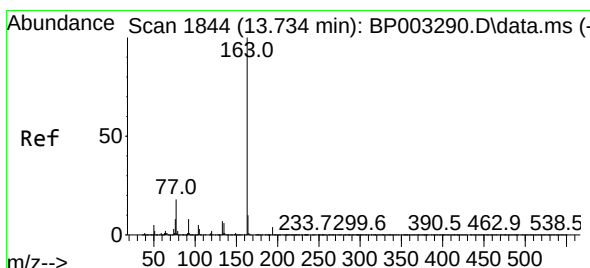
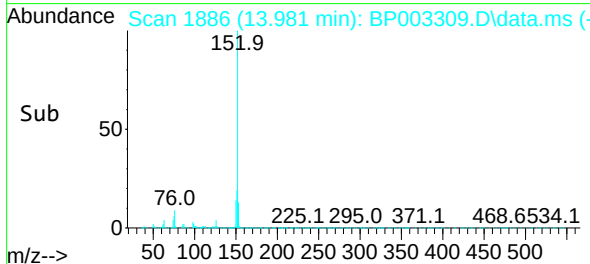
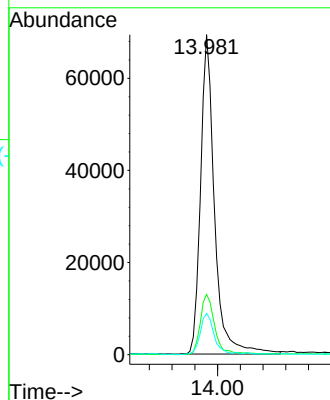
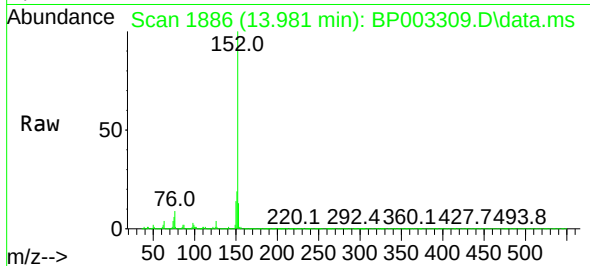
#49
Acenaphthylene
Concen: 3.72 ng
RT: 13.981 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:152 Resp: 118208
Ion Ratio Lower Upper
152 100
151 18.8 15.9 23.9
153 12.9 10.5 15.7

Instrument :
BNA_P
ClientSampled :
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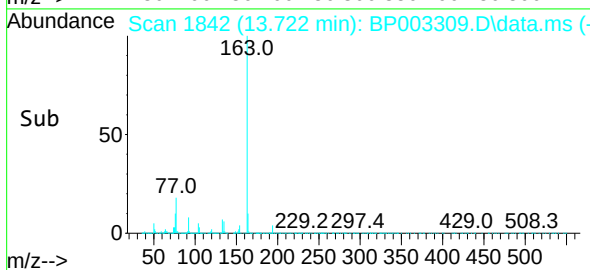
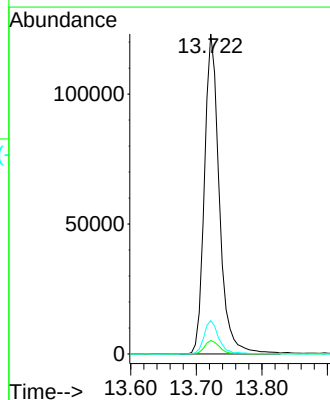
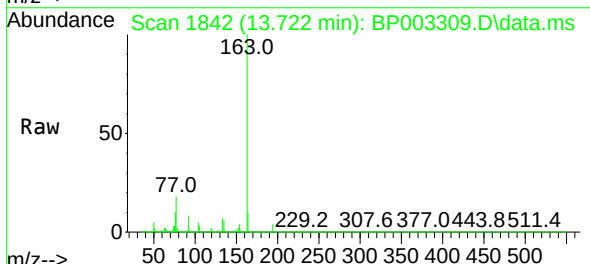
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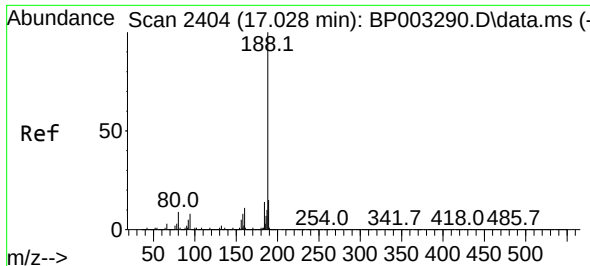
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#50
Dimethylphthalate
Concen: 7.25 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:163 Resp: 194696
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2





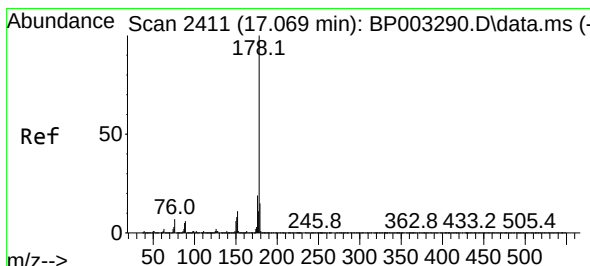
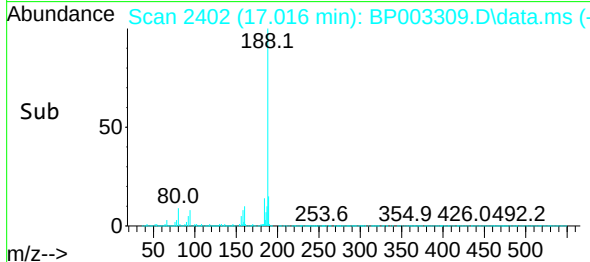
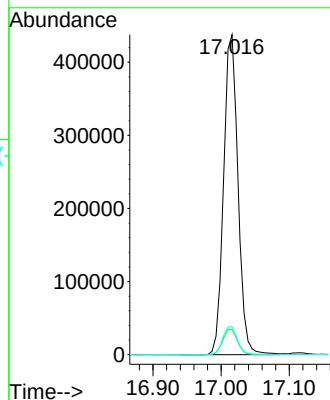
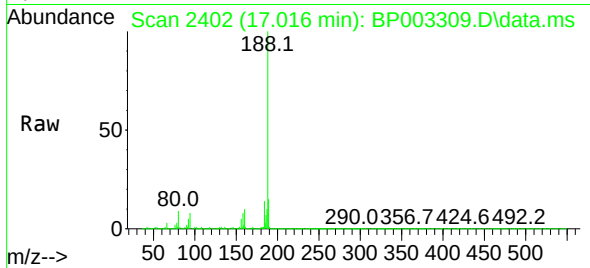
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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:188 Resp: 642828
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.7 6.2 9.2

Instrument :
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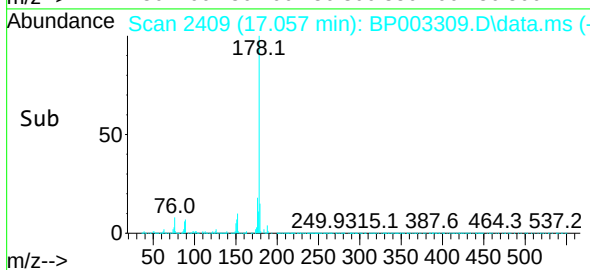
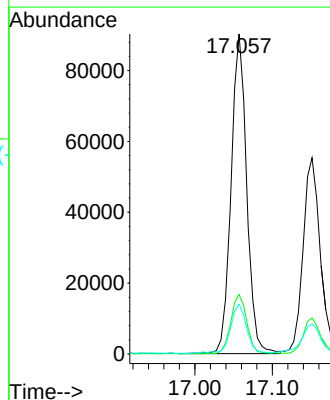
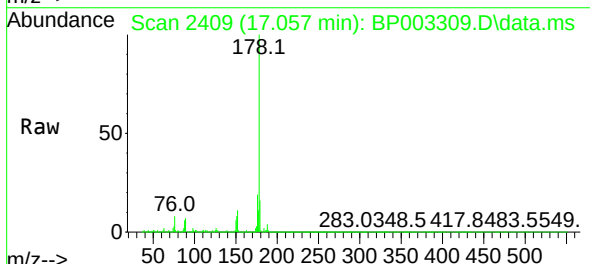
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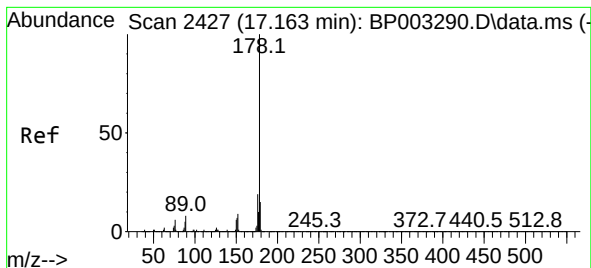
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#71
Phenanthrene
Concen: 3.62 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:178 Resp: 126594
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.6 12.5 18.7





#72

Anthracene

Concen: 2.43 ng

RT: 17.151 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP003309.D

Acq: 16 Sep 2020 19:17

Tgt Ion:178	Resp:	83763
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.4
179	15.4	12.5 18.7

Instrument :

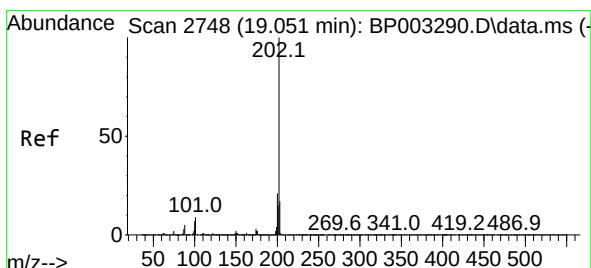
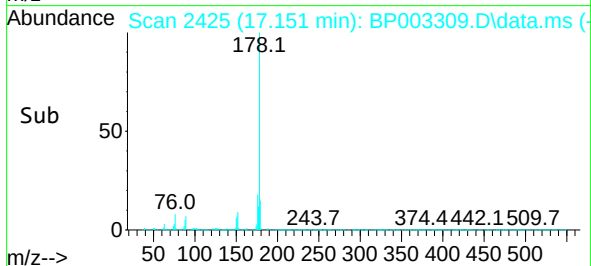
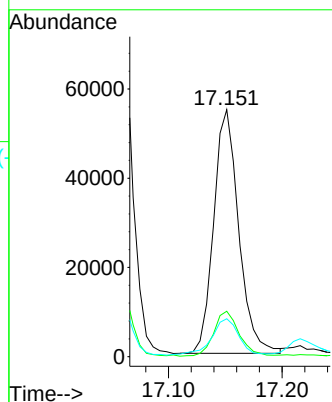
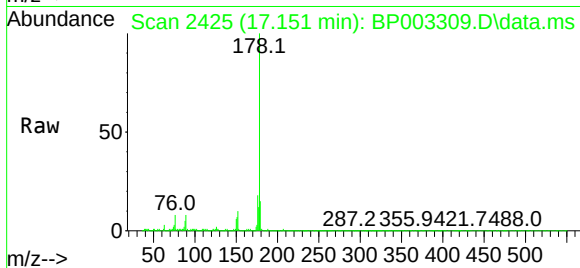
BNA_P

ClientSampleId :

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#75

Fluoranthene

Concen: 10.94 ng

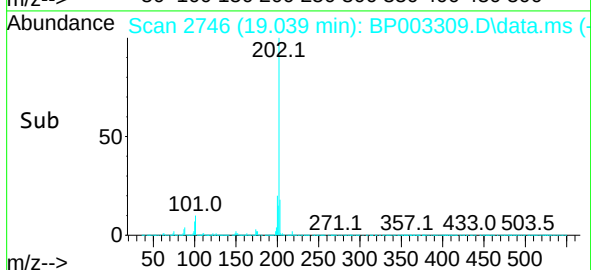
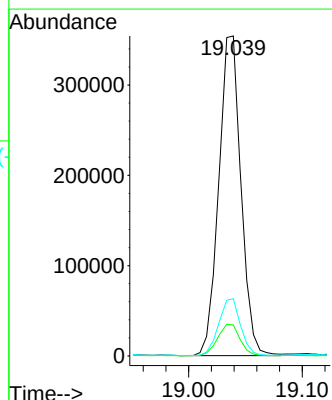
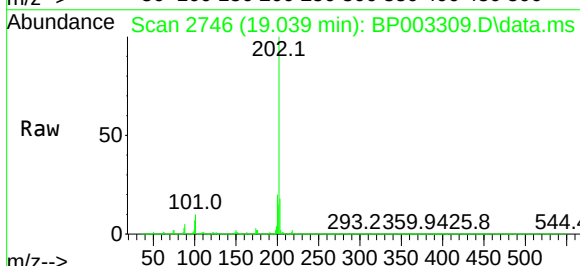
RT: 19.039 min Scan# 2746

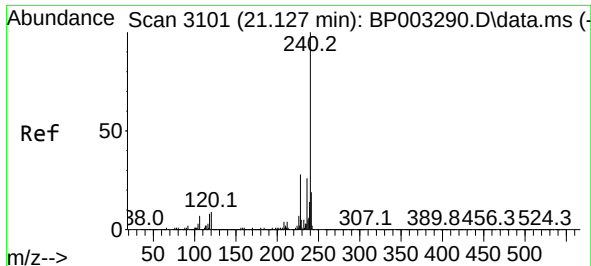
Delta R.T. 0.000 min

Lab File: BP003309.D

Acq: 16 Sep 2020 19:17

Tgt Ion:202	Resp:	481176
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 29.4
203	17.9	0.0 37.8





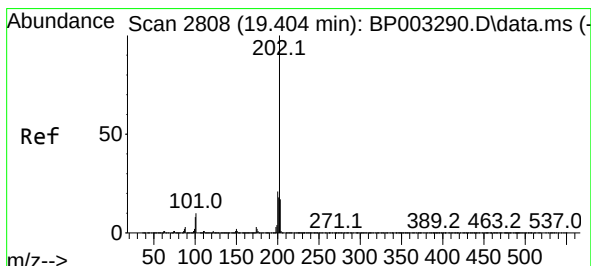
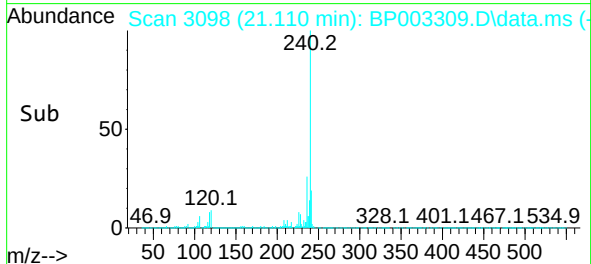
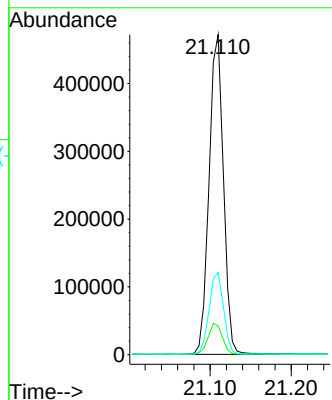
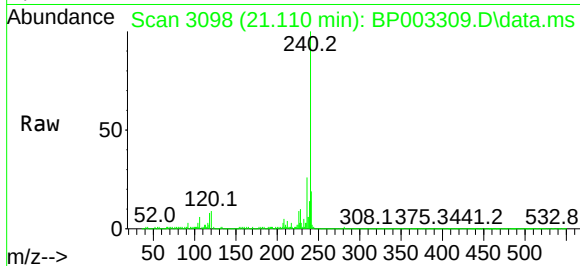
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:240 Resp: 578553
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.7 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
ETGI-370

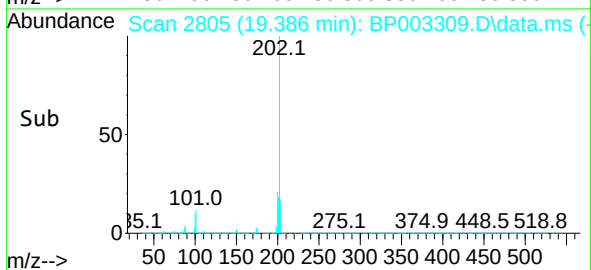
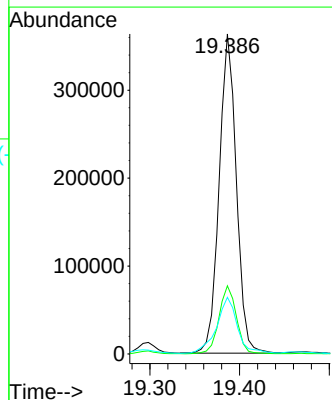
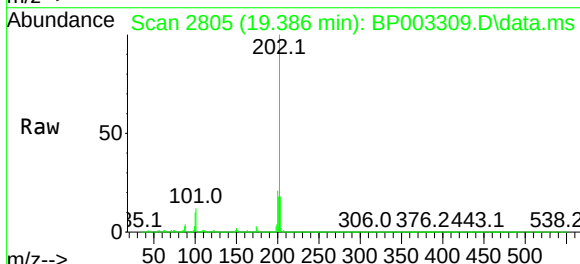
Manual Integrations
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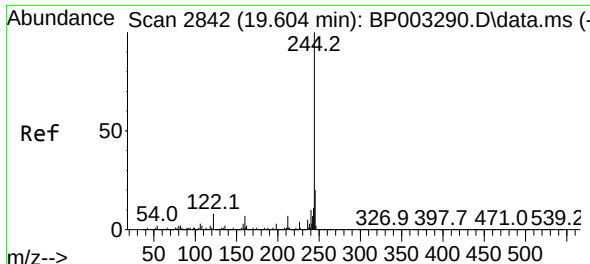
mohammad
9/18/2020 11:28:44 AM



#78
Pyrene
Concen: 13.40 ng
RT: 19.386 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

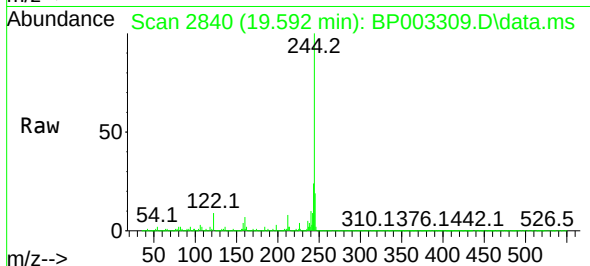
Tgt Ion:202 Resp: 483649
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 54.81 ng
 RT: 19.592 min Scan# 2840
 Delta R.T. 0.000 min
 Lab File: BP003309.D
 Acq: 16 Sep 2020 19:17

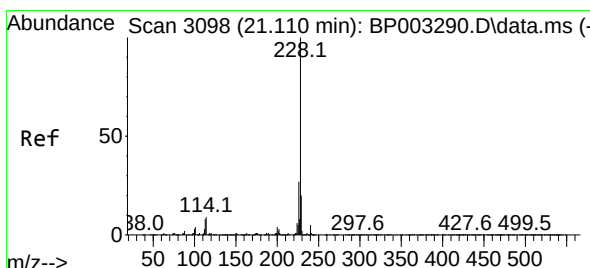
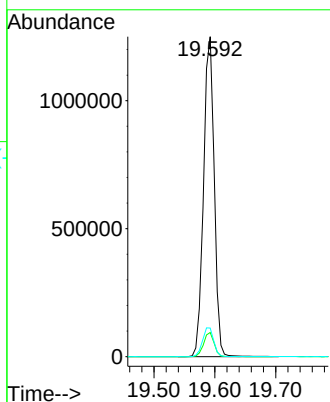
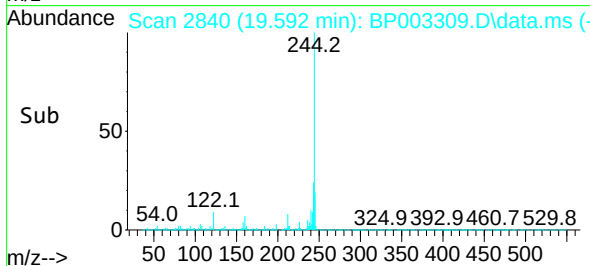
Instrument :
 BNA_P
 ClientSampled :
 ETGI-370



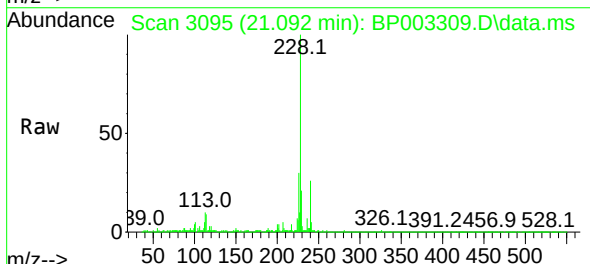
Tgt Ion:244 Resp: 1521919
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.0 7.8 11.8

Manual Integrations
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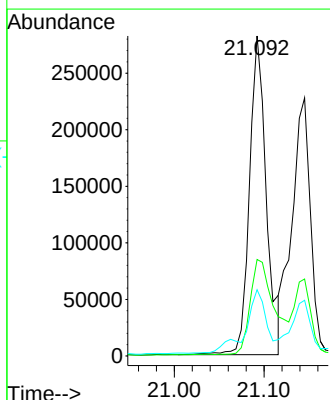
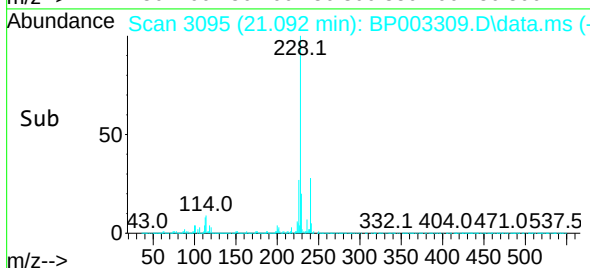
mohammad
 9/18/2020 11:28:44 AM

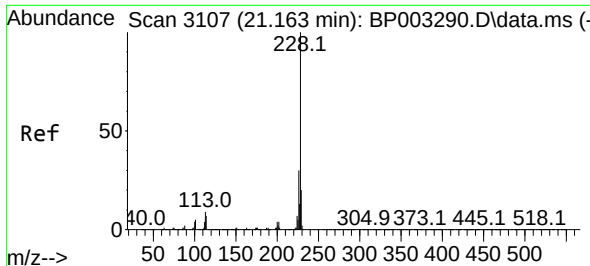


#81
 Benzo(a)anthracene
 Concen: 9.86 ng
 RT: 21.092 min Scan# 3095
 Delta R.T. -0.006 min
 Lab File: BP003309.D
 Acq: 16 Sep 2020 19:17



Tgt Ion:228 Resp: 368711
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.1 33.1
 229 20.7 15.9 23.9





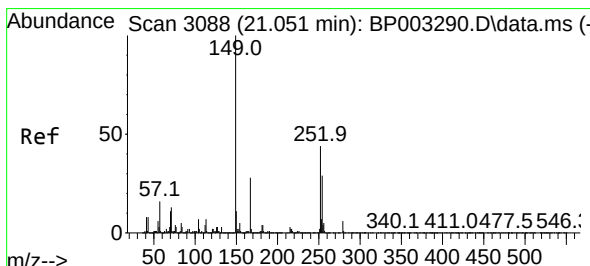
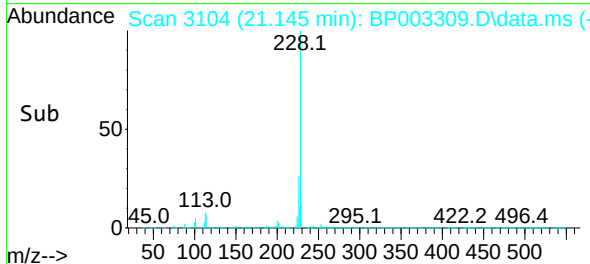
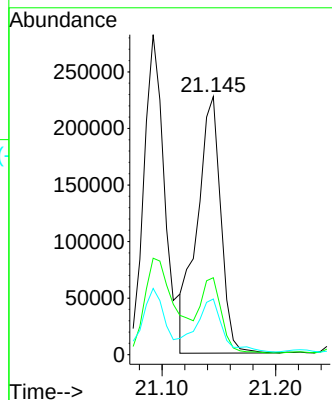
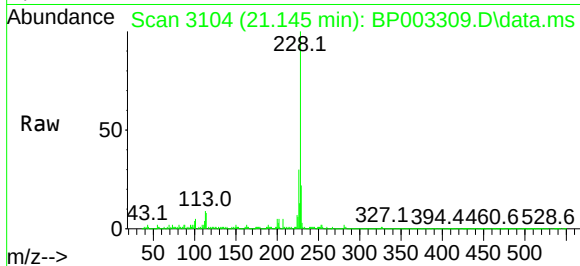
#83
Chrysene
Concen: 9.15 ng
RT: 21.145 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion: 228 Resp: 328682
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 21.6 15.8 23.6

Instrument :
BNA_P
ClientSampled :
ETGI-370

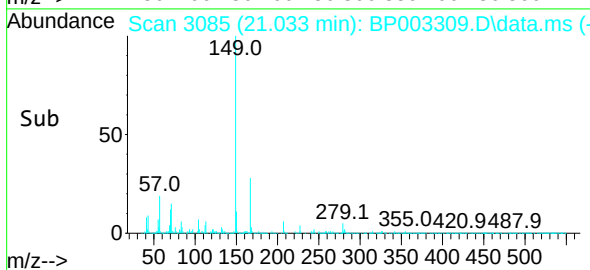
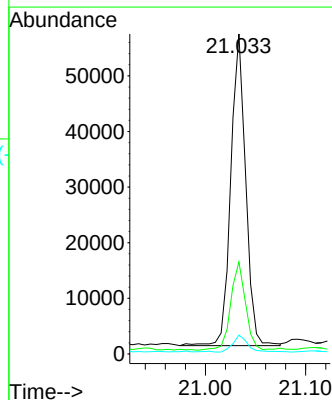
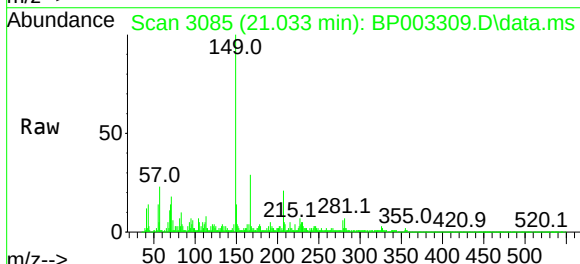
Manual Integrations
APPROVED

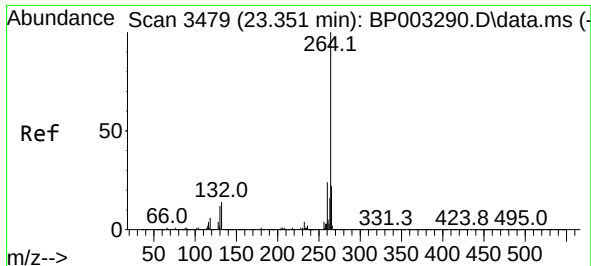
mohammad
9/18/2020 11:28:44 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.49 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

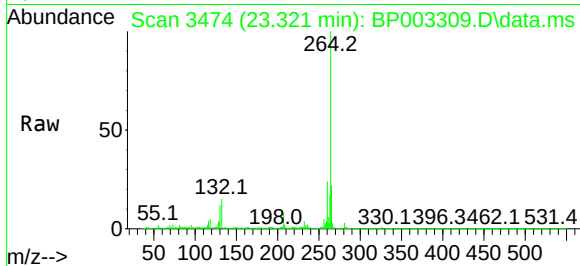
Tgt Ion: 149 Resp: 57793
Ion Ratio Lower Upper
149 100
167 28.8 22.6 34.0
279 5.9 4.2 6.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

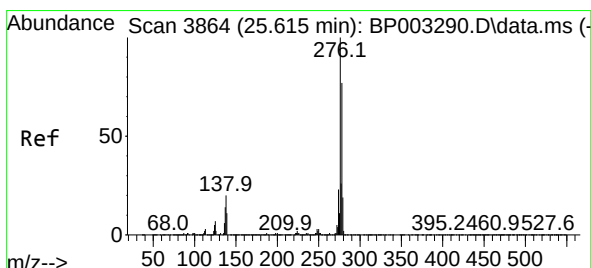
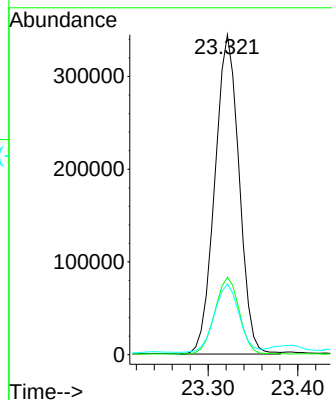
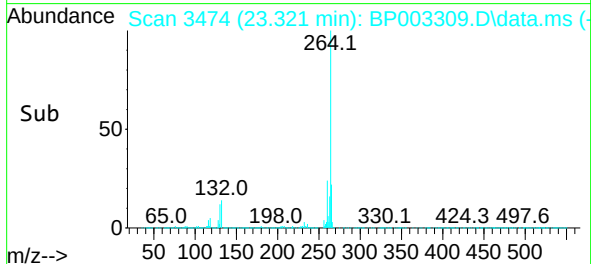
Instrument :
BNA_P
ClientSampled :
ETGI-370



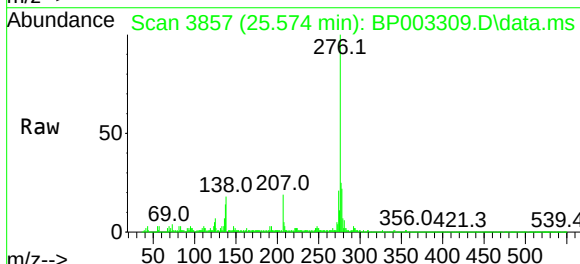
Tgt Ion:264 Resp: 645621
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.2 17.4 26.2

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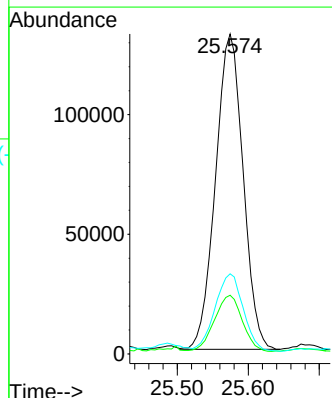
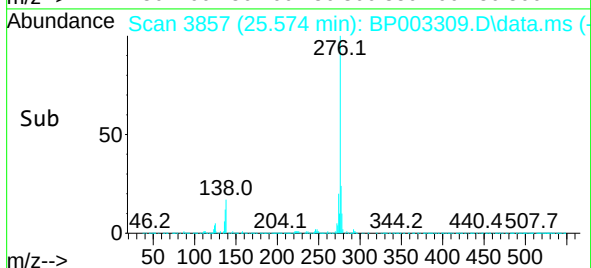
mohammad
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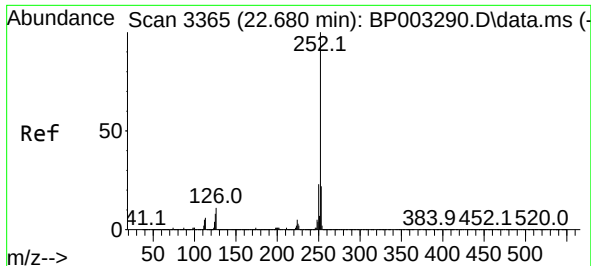


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.26 ng
RT: 25.574 min Scan# 3857
Delta R.T. -0.012 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17



Tgt Ion:276 Resp: 355424
Ion Ratio Lower Upper
276 100
138 18.0 18.7 28.1#
277 25.1 20.4 30.6





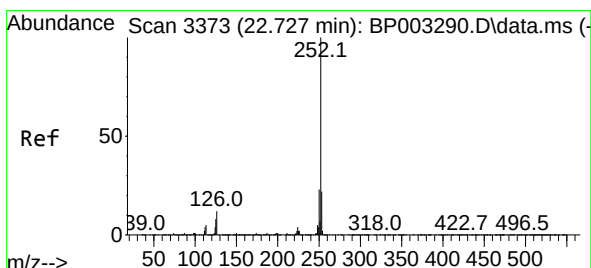
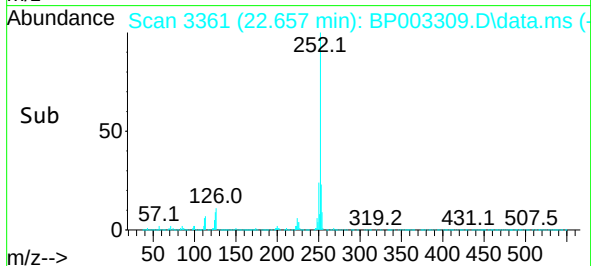
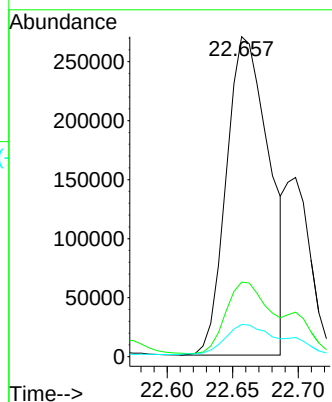
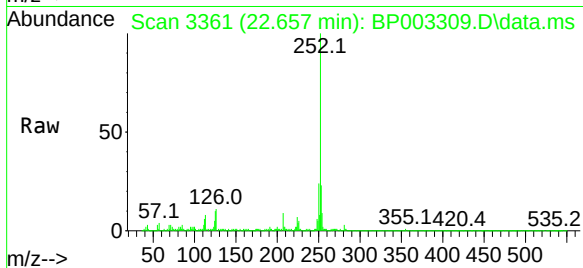
#88
Benzo(b)fluoranthene
Concen: 15.00 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Instrument :
BNA_P
ClientSampled :
ETGI-370

Tgt Ion:252 Resp: 611614
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 10.1 7.3 10.9

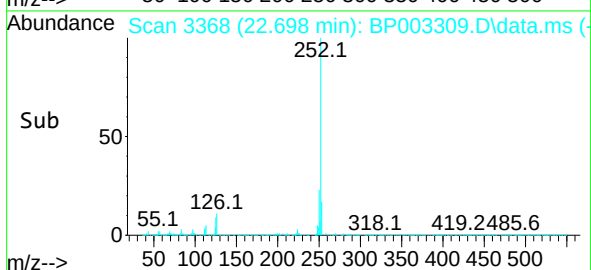
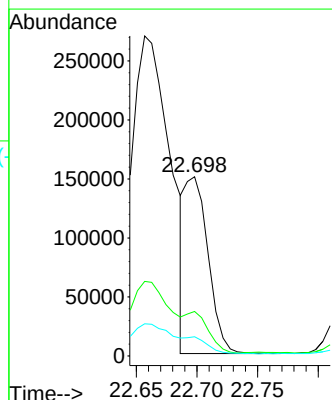
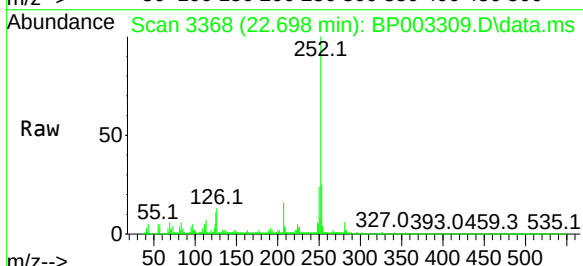
Manual Integrations
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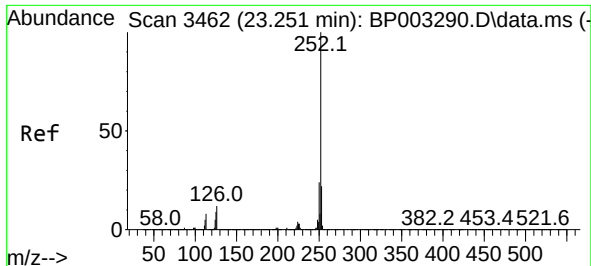
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.06 ng m
RT: 22.698 min Scan# 3368
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

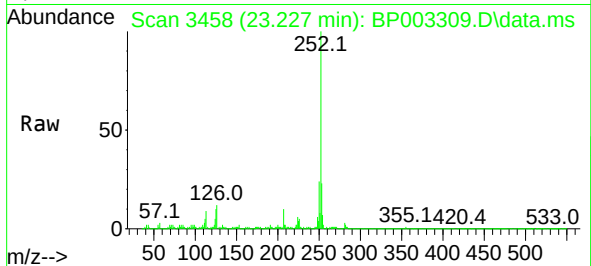
Tgt Ion:252 Resp: 197581
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 10.7 7.4 11.2





#90
Benzo(a)pyrene
Concen: 11.78 ng
RT: 23.227 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

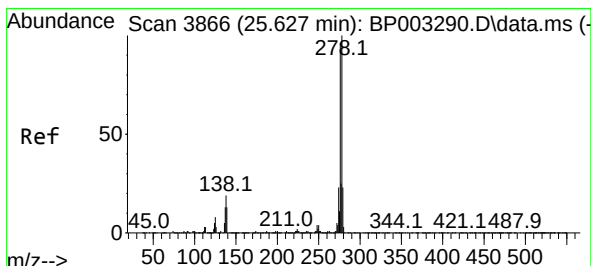
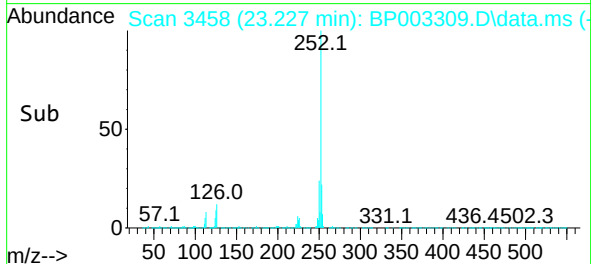
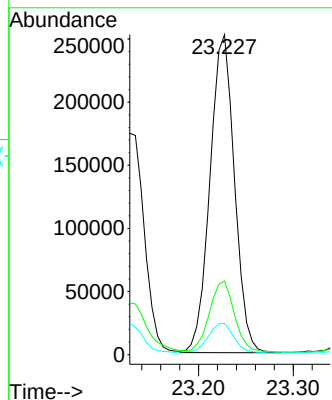
Instrument :
BNA_P
ClientSampled :
ETGI-370



Tgt Ion:252 Resp: 452714
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.8 8.2 12.4

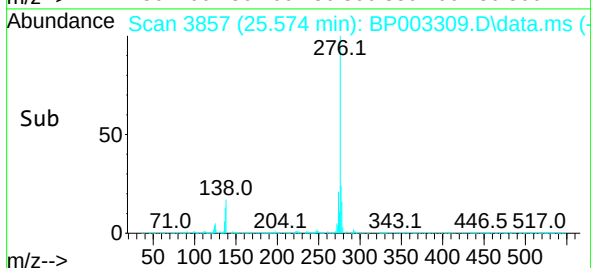
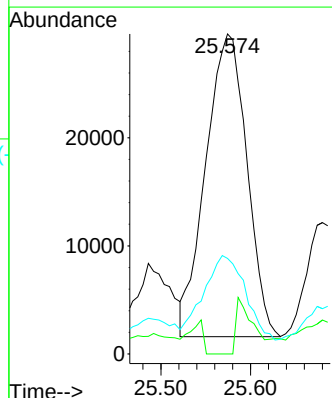
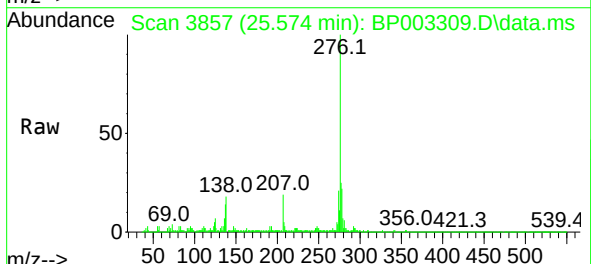
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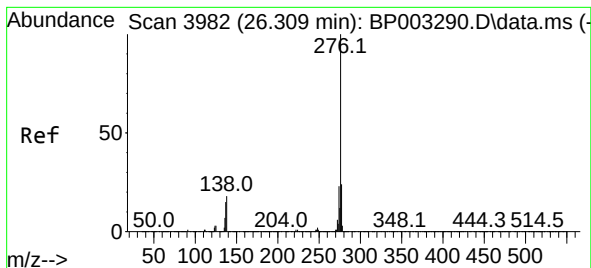
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.20 ng m
RT: 25.574 min Scan# 3857
Delta R.T. -0.023 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:278 Resp: 89020
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 29.9 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 9.13 ng

RT: 26.262 min Scan# 3974

Delta R.T. -0.012 min

Lab File: BP003309.D

Acq: 16 Sep 2020 19:17

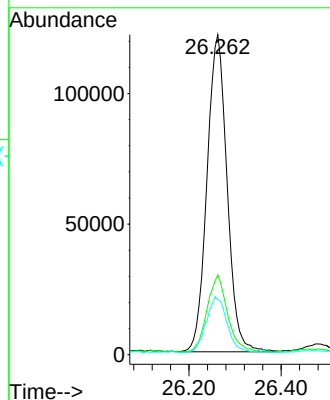
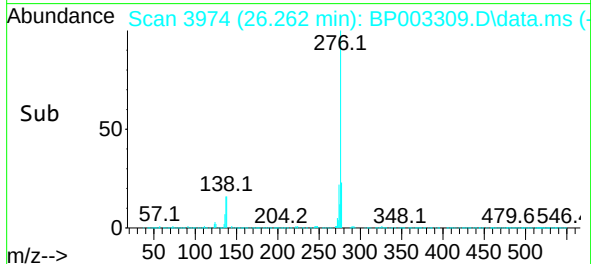
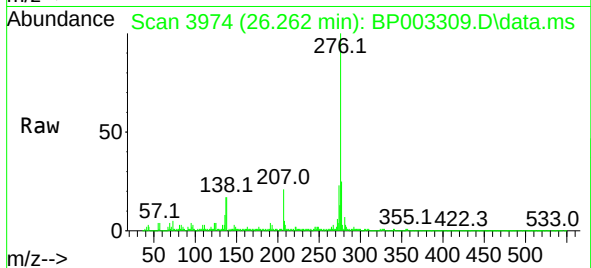
Tgt Ion: 276 Resp: 368046

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.6

138 17.2 16.6 24.8



Instrument :

BNA_P

ClientSampleId :

ETGI-370

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9/18/2020 11:28:44 AM