

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
 Data File : BP003405.D
 Acq On : 29 Sep 2020 18:29
 Operator : CG/JU
 Sample : L4154-10DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-5(13-15)DL

Manual Integrations
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Quant Time: Sep 29 18:57:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 17:55:44 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	88673	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	388026	20.00	ng	# 0.00
39) Acenaphthene-d10	14.198	164	253682	20.00	ng	-0.01
64) Phenanthrene-d10	16.957	188	575617	20.00	ng	# 0.00
76) Chrysene-d12	21.063	240	679615	20.00	ng	-0.01
86) Perylene-d12	23.257	264	823891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.158	112	235376	46.35	ng	0.00
7) Phenol-d6	6.746	99	319222	47.16	ng	0.00
23) Nitrobenzene-d5	8.699	82	209732	31.75	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	129645	33.51	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	464195	26.76	ng	0.00
79) Terphenyl-d14	19.539	244	698651	21.42	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.375	128	45509	2.22	ng	99
50) Dimethylphthalate	13.663	163	57829	2.85	ng	100
52) Acenaphthene	14.263	154	46691	3.20	ng	98
55) Dibenzofuran	14.604	168	53338	2.29	ng	92
58) Fluorene	15.257	166	66402	3.62	ng	97
71) Phenanthrene	16.998	178	1202372	38.39	ng	99
72) Anthracene	17.092	178	319467	10.35	ng	99
73) Carbazole	17.369	167	130944	4.47	ng	100
75) Fluoranthene	18.986	202	1820667	46.23	ng	99
78) Pyrene	19.339	202	1613652	38.07	ng	100
81) Benzo(a)anthracene	21.045	228	980258	22.31	ng	99
83) Chrysene	21.098	228	852084	20.19	ng	98
87) Indeno(1,2,3-cd)pyrene	25.474	276	598795	9.59	ng	95
88) Benzo(b)fluoranthene	22.598	252	1236481m	23.77	ng	
89) Benzo(k)fluoranthene	22.639	252	379363m	7.61	ng	
90) Benzo(a)pyrene	23.157	252	910015	18.55	ng	97
91) Dibenzo(a,h)anthracene	25.474	278	170699m	3.31	ng	
92) Benzo(g,h,i)perylene	26.156	276	560643	10.90	ng	98

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

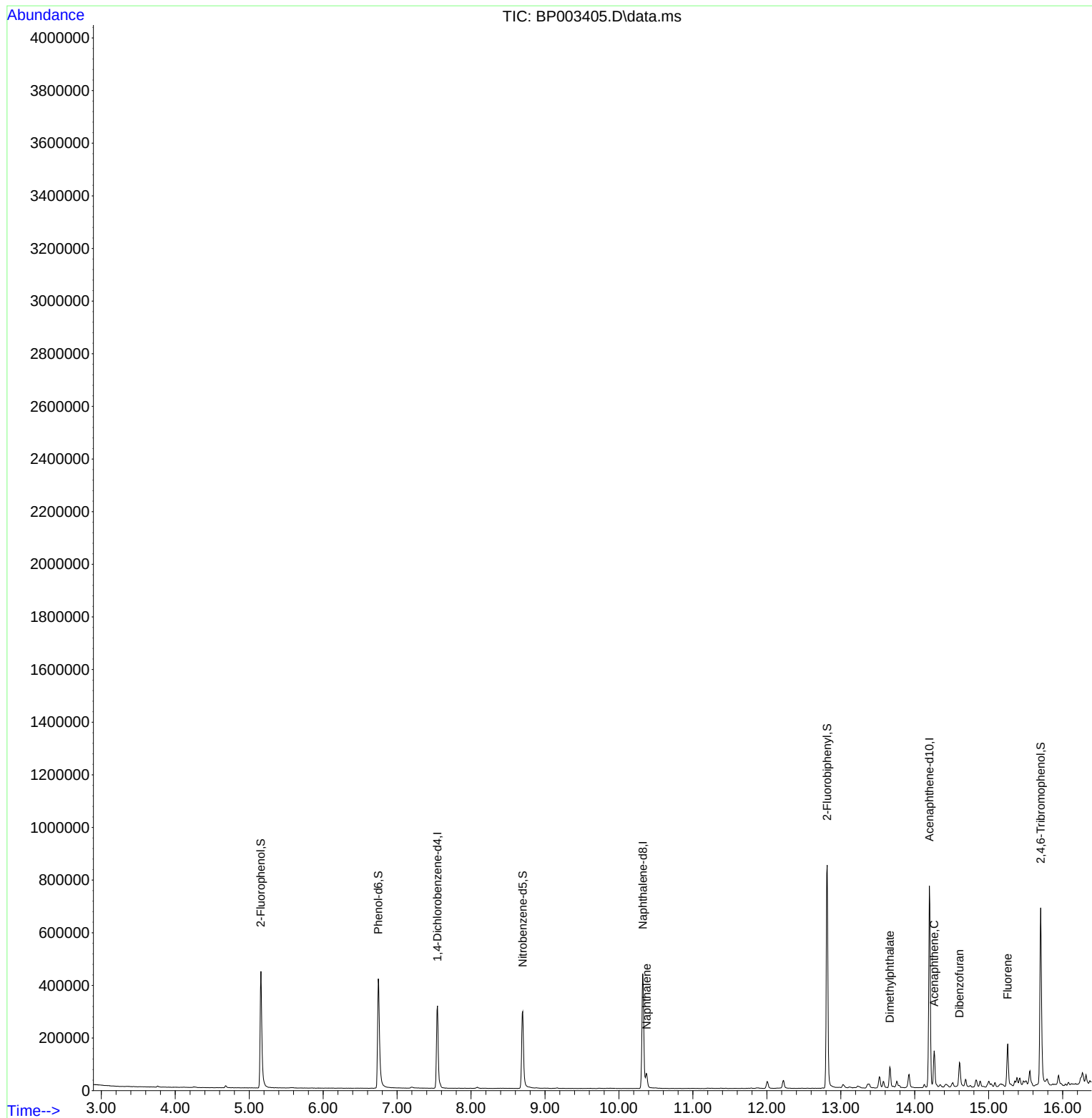
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003405.D
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QLast Update : Mon Sep 28 17:55:44 2020
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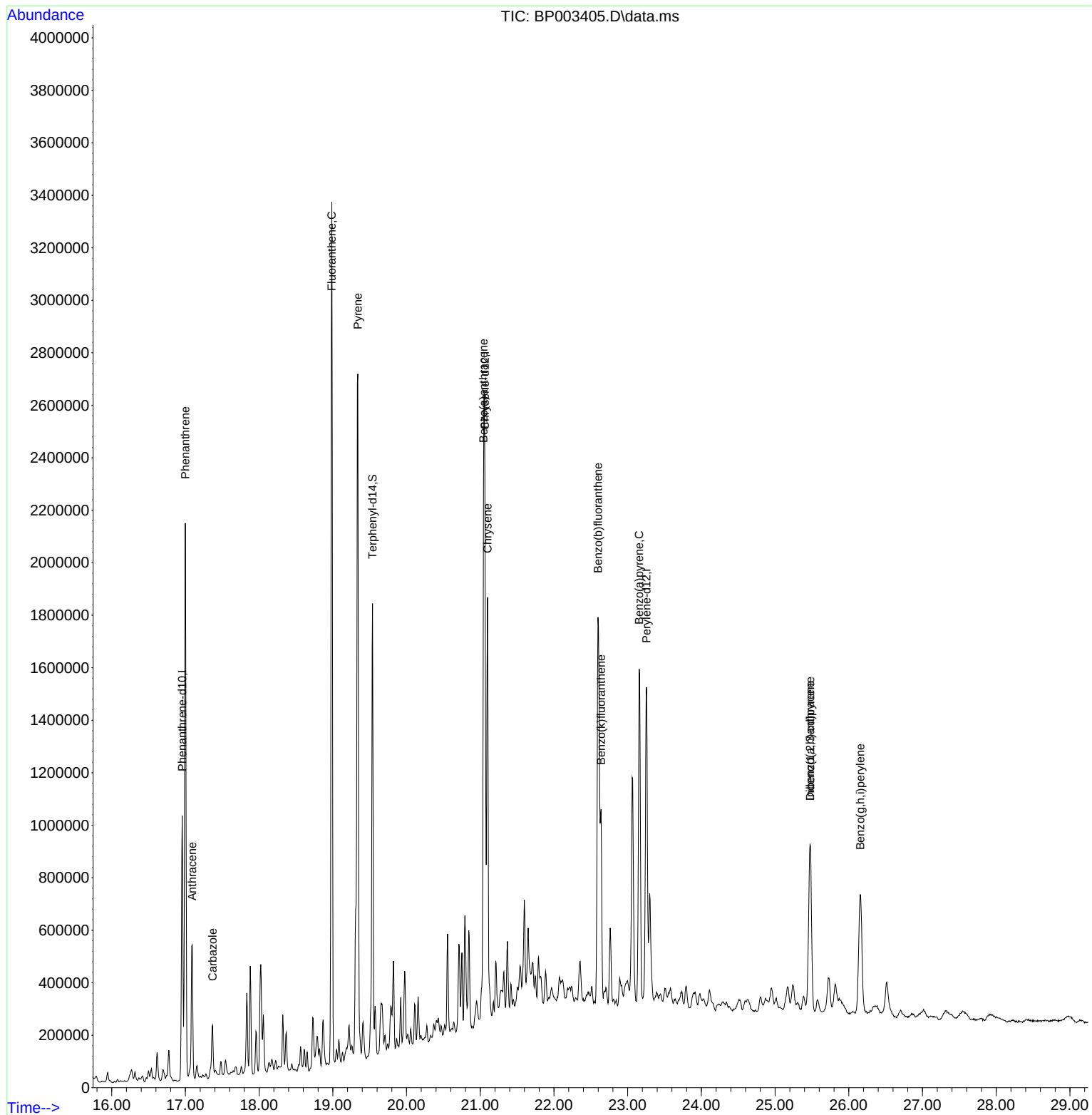
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Data File : BP003405.D
Acq On : 29 Sep 2020 18:29
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Sample : L4154-10DL 2X
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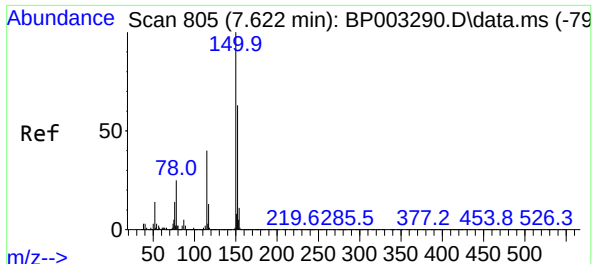
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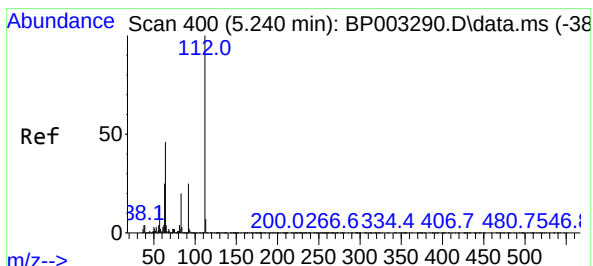
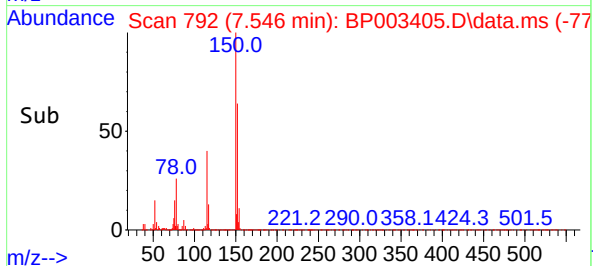
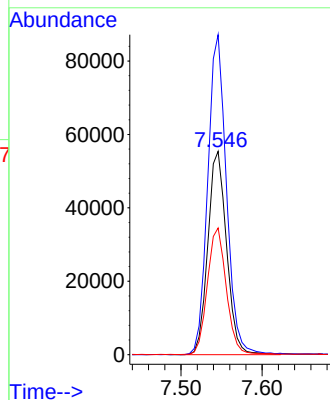
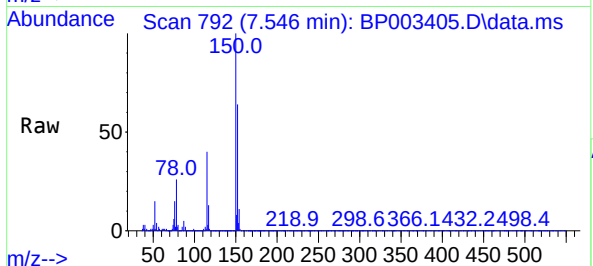
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.546 min Scan# 792
Delta R.T. -0.000 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:152 Resp: 88673
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 62.3 43.8 65.6

Instrument :
BNA_P
ClientSampled :
B-5(13-15)DL

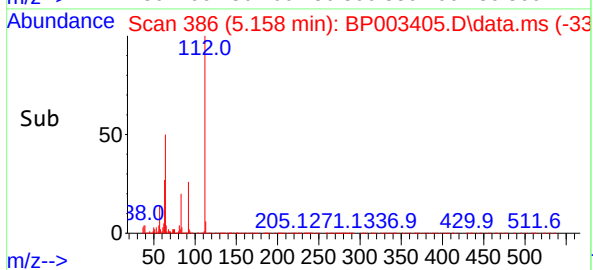
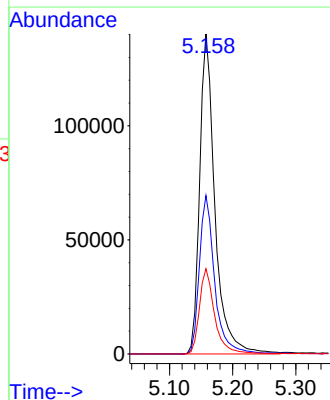
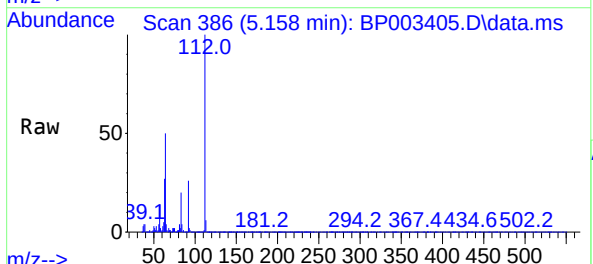
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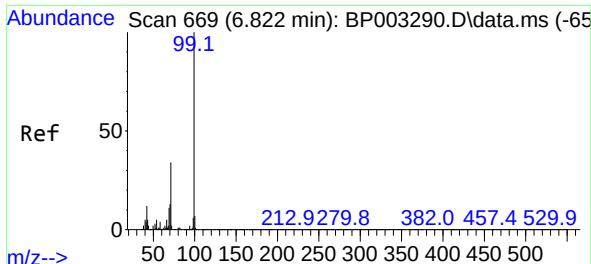
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#5
2-Fluorophenol
Concen: 46.35 ng
RT: 5.158 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:112 Resp: 235376
Ion Ratio Lower Upper
112 100
64 49.5 32.8 49.2#
63 26.6 17.0 25.4#





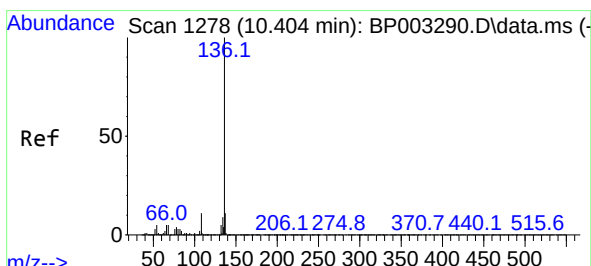
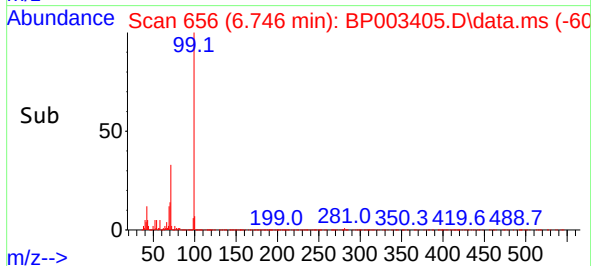
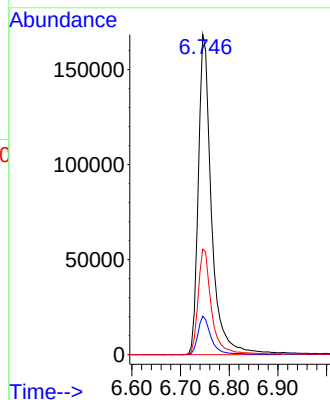
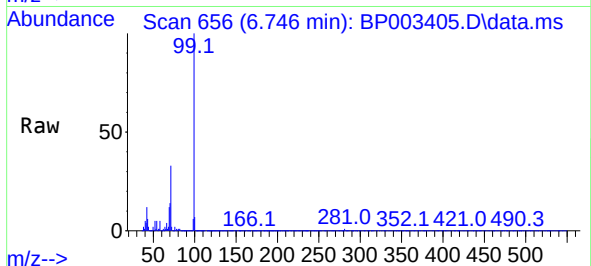
#7
Phenol-d6
Concen: 47.16 ng
RT: 6.746 min Scan# 656
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	99	Resp:	319222
Ion	Ratio	Lower	Upper
99	100		
42	12.0	8.6	13.0
71	33.0	23.4	35.2

Instrument :
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ClientSampleId :
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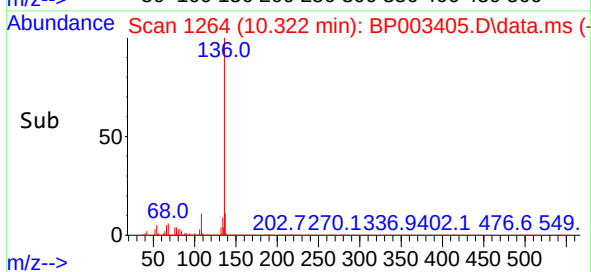
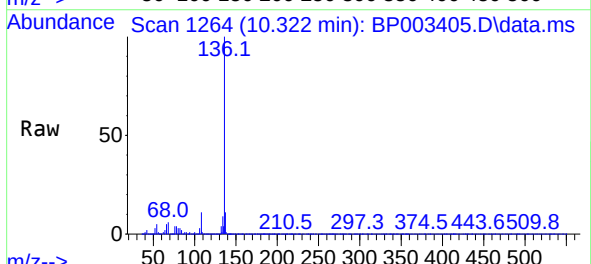
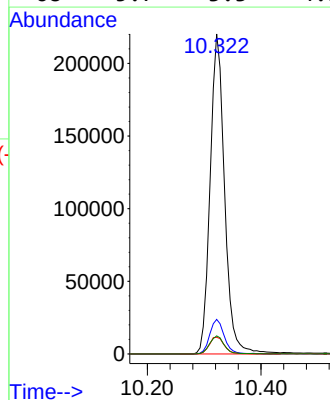
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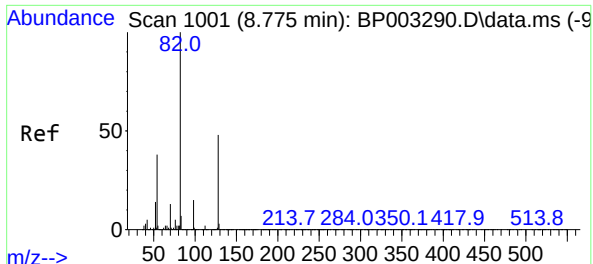
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	136	Resp:	388026
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.2	3.6	5.4
68	5.7	3.3	4.9





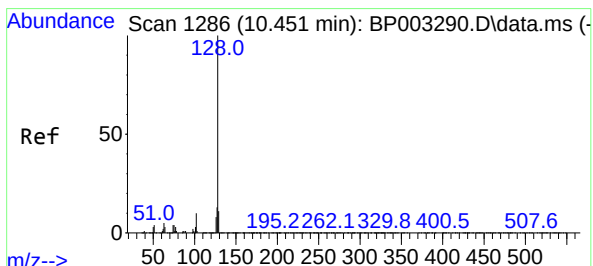
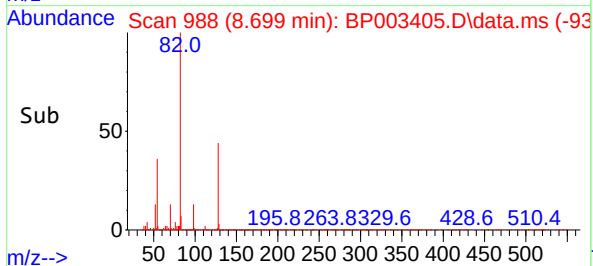
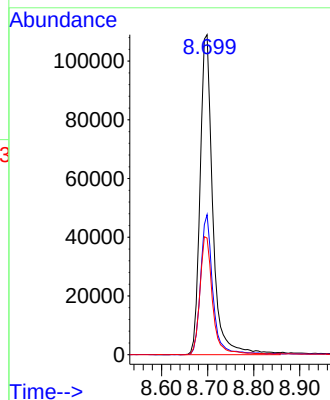
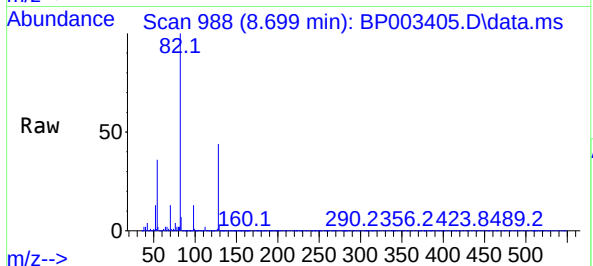
#23
Nitrobenzene-d5
Concen: 31.75 ng
RT: 8.699 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion: 82 Resp: 209732
Ion Ratio Lower Upper
82 100
128 43.8 45.6 68.4#
54 36.5 30.1 45.1

Instrument :
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B-5(13-15)DL

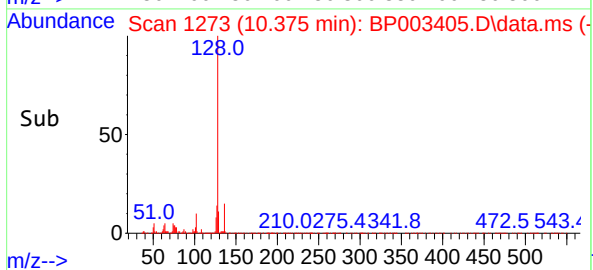
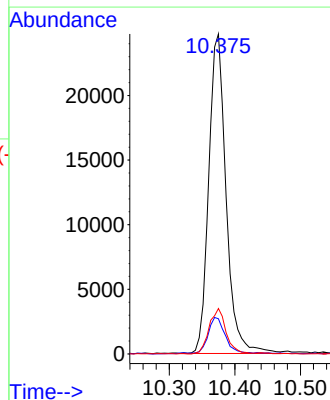
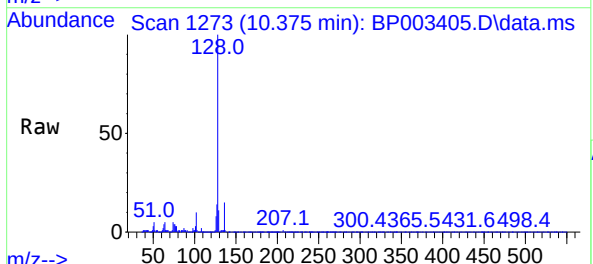
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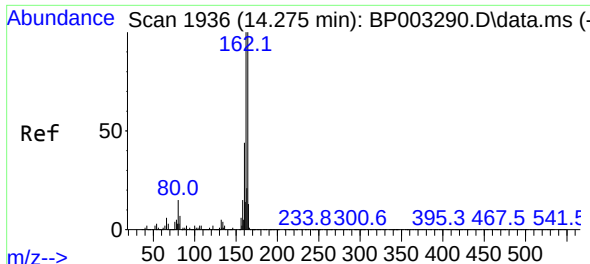
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#31
Naphthalene
Concen: 2.22 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

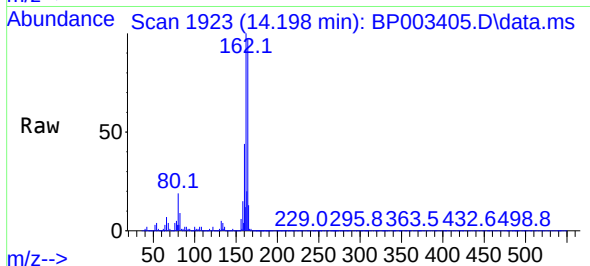
Tgt Ion: 128 Resp: 45509
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.2 10.6 15.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.198 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

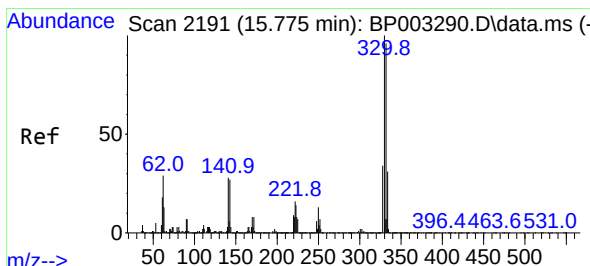
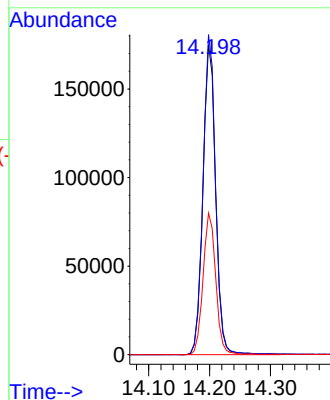
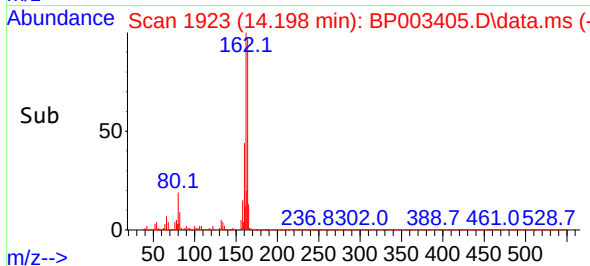
Instrument :
BNA_P
ClientSampleId :
B-5(13-15)DL



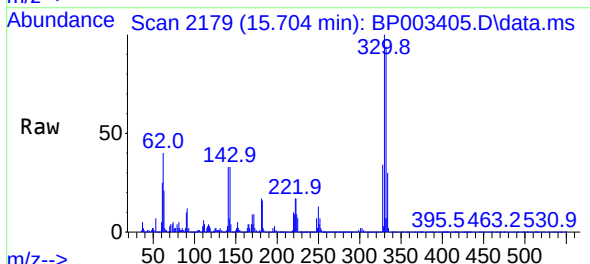
Tgt Ion:164 Resp: 253682
Ion Ratio Lower Upper
164 100
162 103.2 79.4 119.2
160 45.7 36.1 54.1

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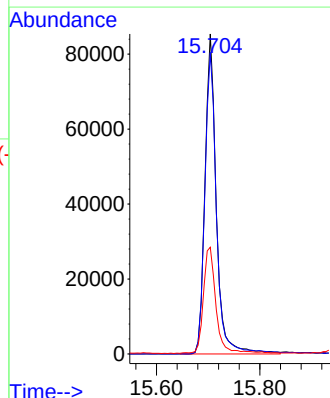
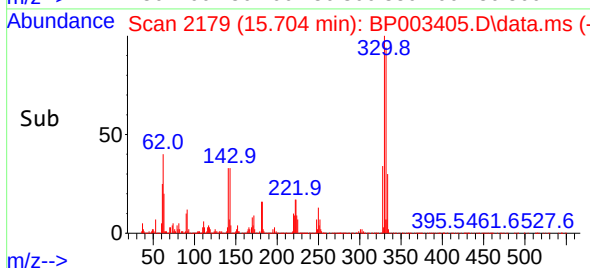
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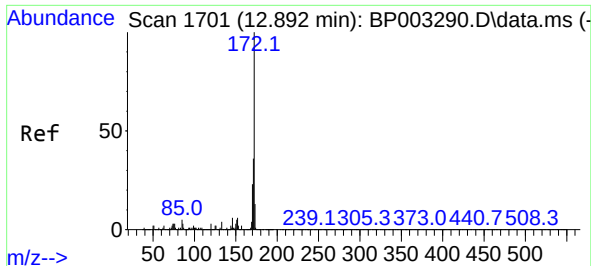


#42
2,4,6-Tribromophenol
Concen: 33.51 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP003405.D
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Tgt Ion:330 Resp: 129645
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 37.4 23.4 35.2#





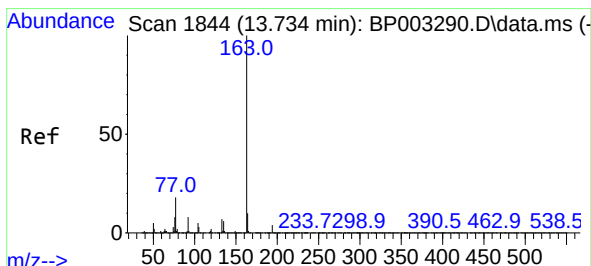
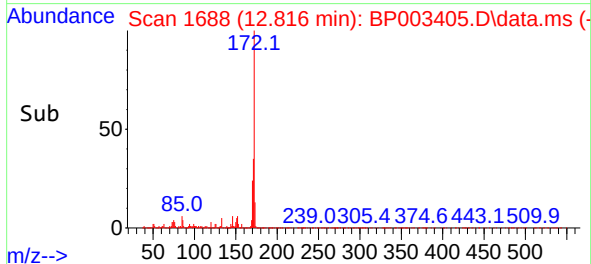
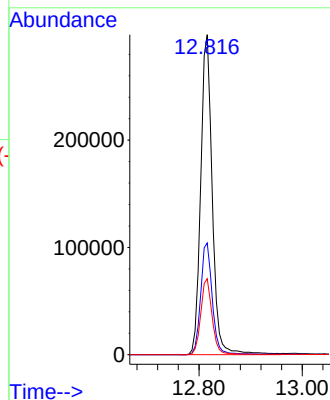
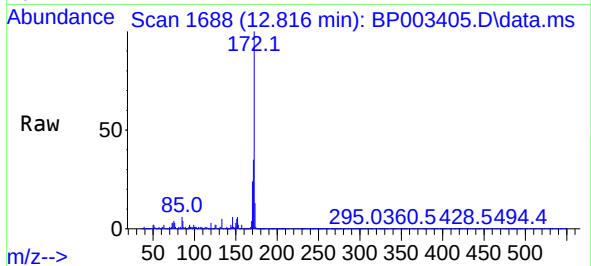
#45
2-Fluorobiphenyl
Concen: 26.76 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	172	Resp:	464195
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.5	42.7
170	23.7	19.2	28.8

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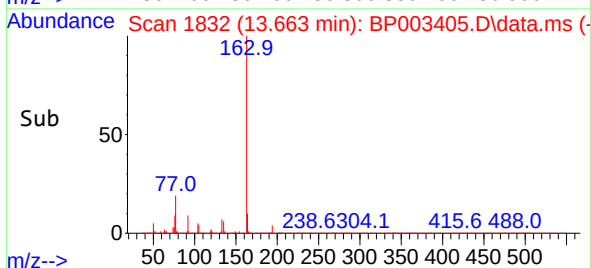
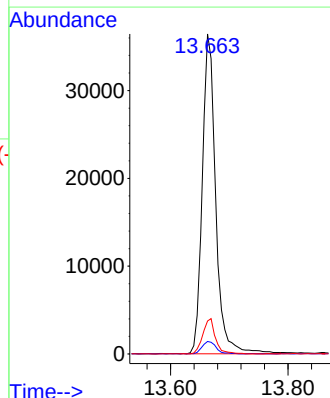
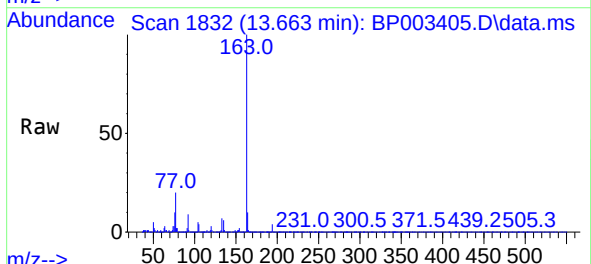
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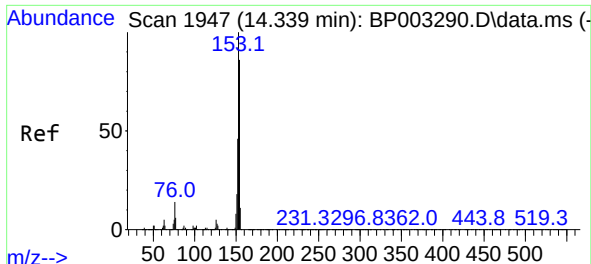
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#50
Dimethylphthalate
Concen: 2.85 ng
RT: 13.663 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	163	Resp:	57829
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.3	8.2	12.2





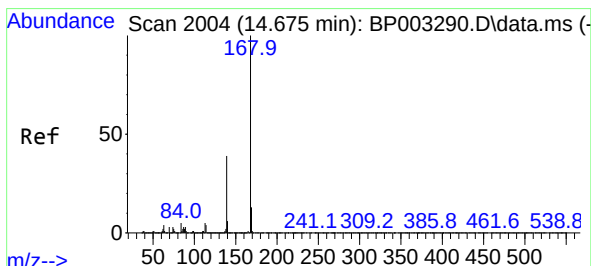
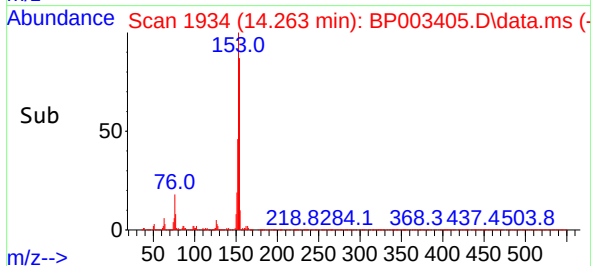
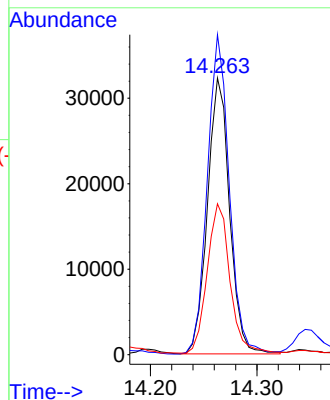
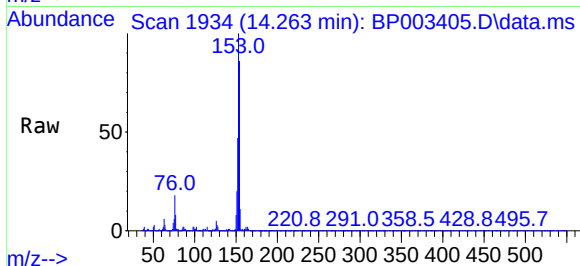
#52
Acenaphthene
Concen: 3.20 ng
RT: 14.263 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	154	Resp:	46691
Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.0	136.6
152	54.5	43.0	64.6

Instrument :
BNA_P
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B-5(13-15)DL

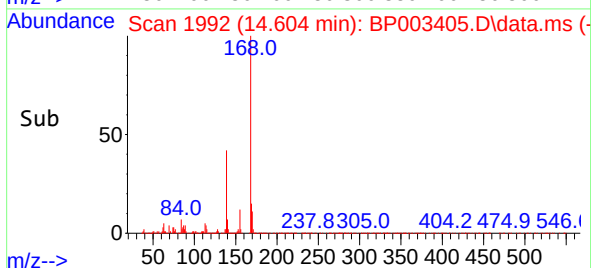
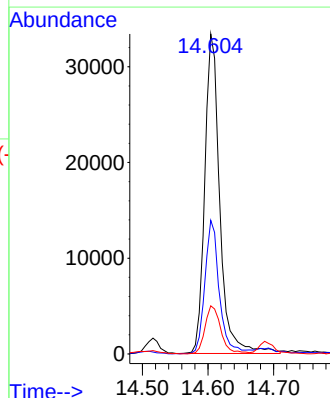
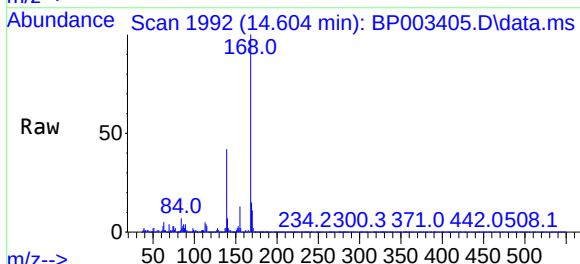
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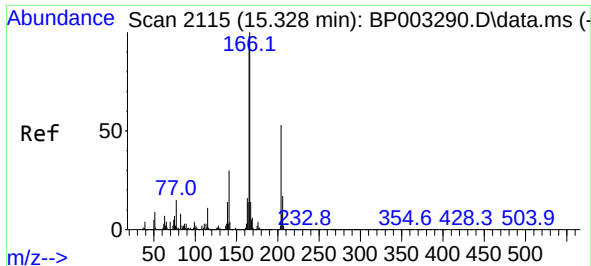
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#55
Dibenzofuran
Concen: 2.29 ng
RT: 14.604 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

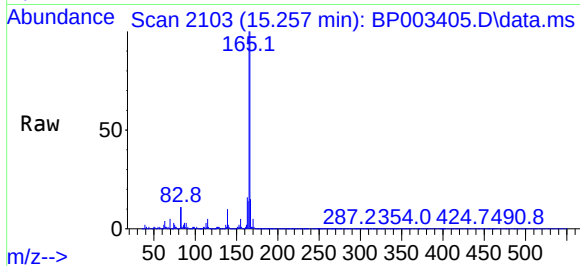
Tgt Ion:	168	Resp:	53338
Ion	Ratio	Lower	Upper
168	100		
139	41.8	29.1	43.7
169	15.1	10.4	15.6





#58
Fluorene
Concen: 3.62 ng
RT: 15.257 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

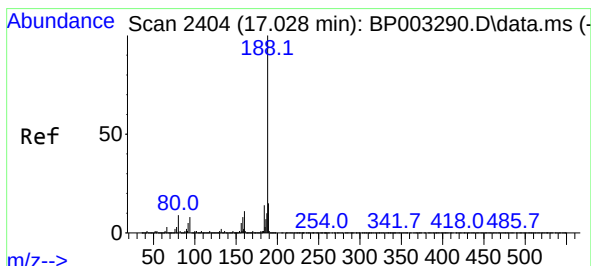
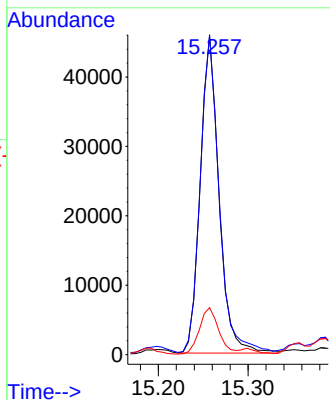
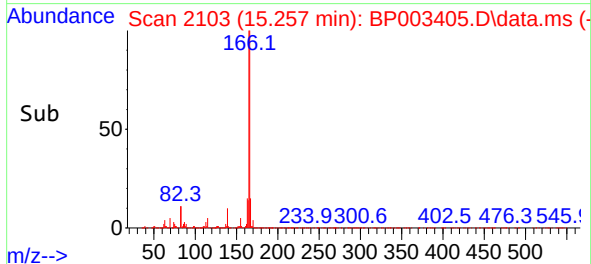
Instrument :
BNA_P
ClientSampleID :
B-5(13-15)DL



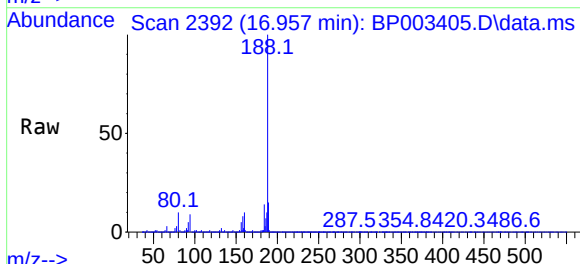
Tgt Ion:166 Resp: 66402
Ion Ratio Lower Upper
166 100
165 100.4 77.8 116.8
167 14.8 11.0 16.4

Manual Integrations
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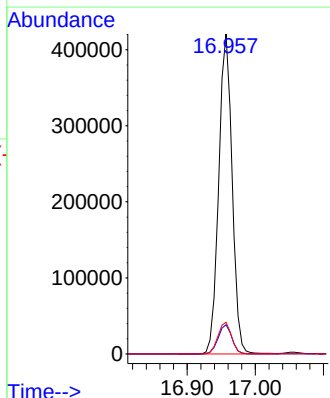
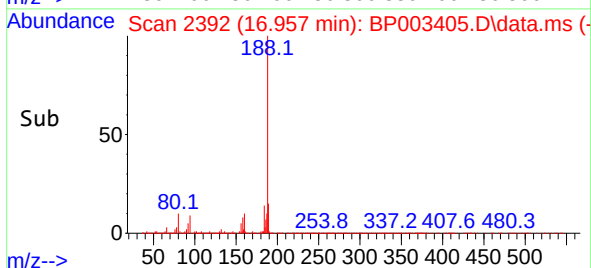
mohammad
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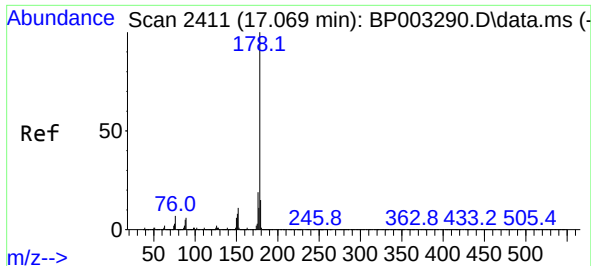


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29



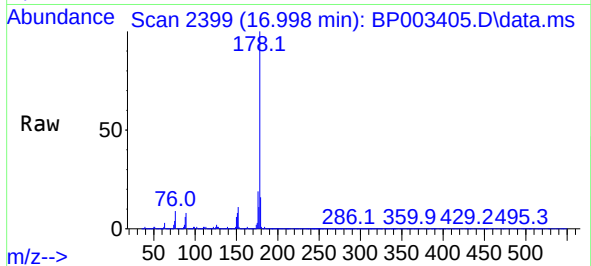
Tgt Ion:188 Resp: 575617
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 9.9 6.2 9.2#





#71
Phenanthrene
Concen: 38.39 ng
RT: 16.998 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

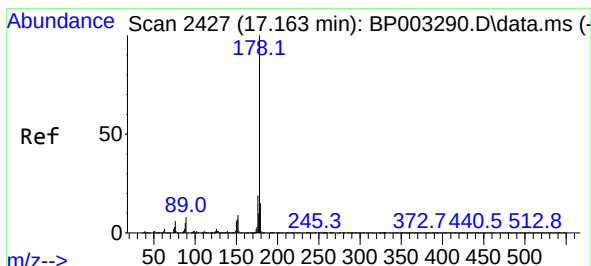
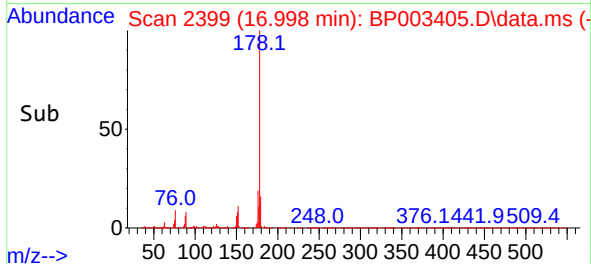
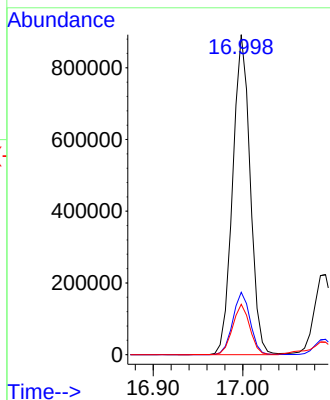
Instrument :
BNA_P
ClientSampleID :
B-5(13-15)DL



Tgt Ion:178 Resp: 1202372
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.5 18.7

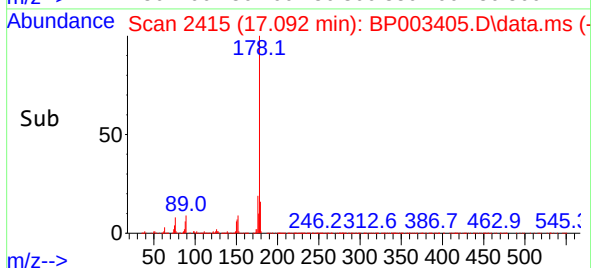
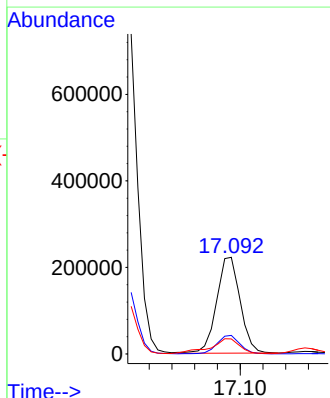
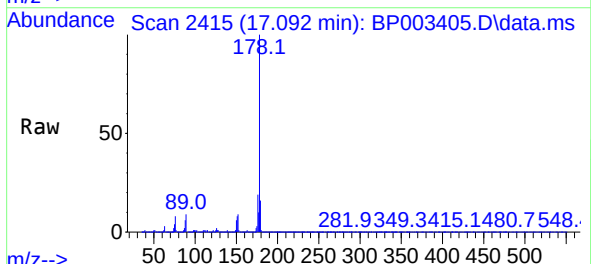
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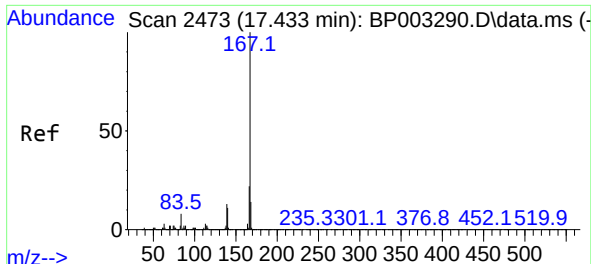
mohammad
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#72
Anthracene
Concen: 10.35 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:178 Resp: 319467
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.6 12.5 18.7





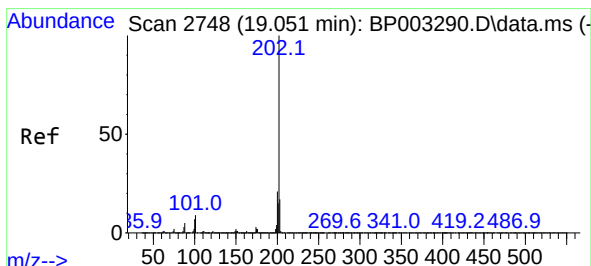
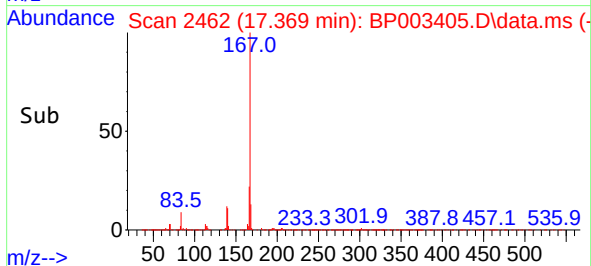
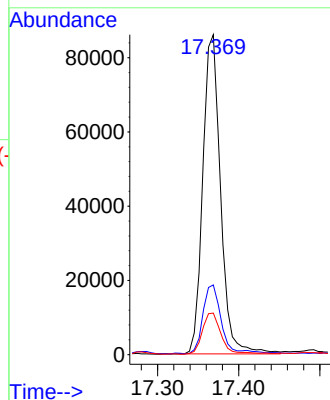
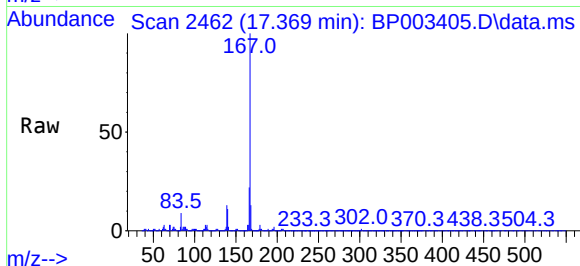
#73
Carbazole
Concen: 4.47 ng
RT: 17.369 min Scan# 2462
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	167	Resp:	130944
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.0	10.2	15.4

Instrument :
BNA_P
ClientSampled :
B-5(13-15)DL

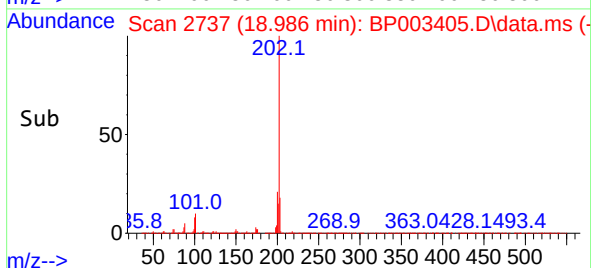
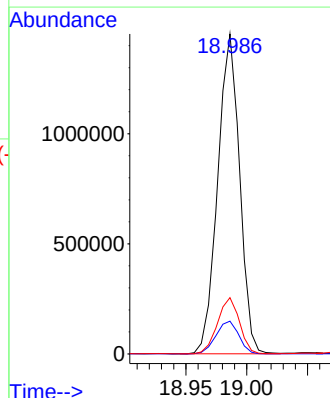
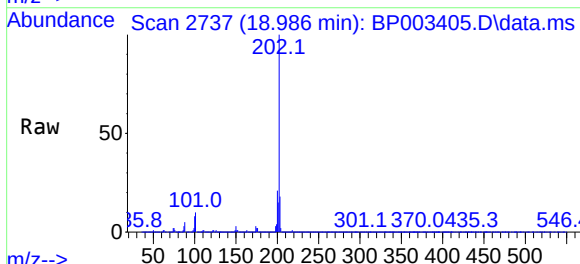
Manual Integrations
APPROVED

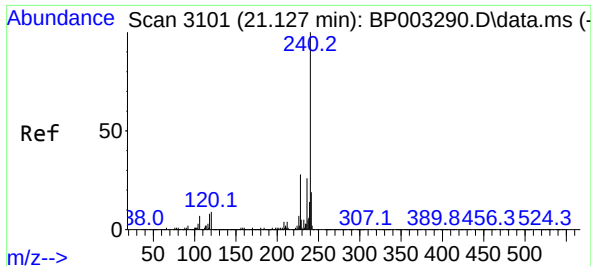
mohammad
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#75
Fluoranthene
Concen: 46.23 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	202	Resp:	1820667
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	17.6	0.0	37.8





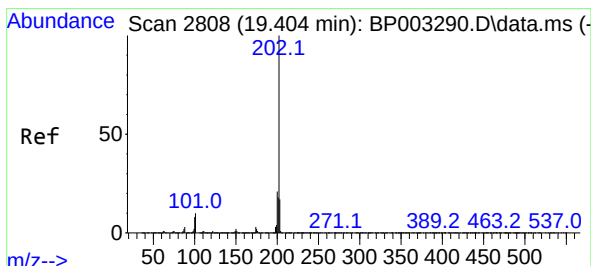
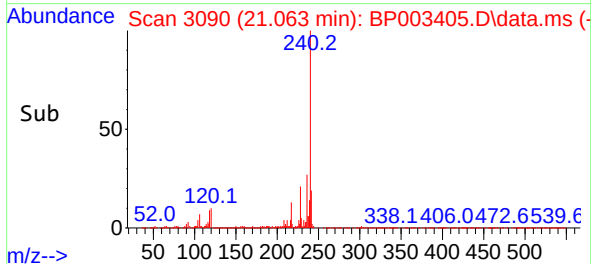
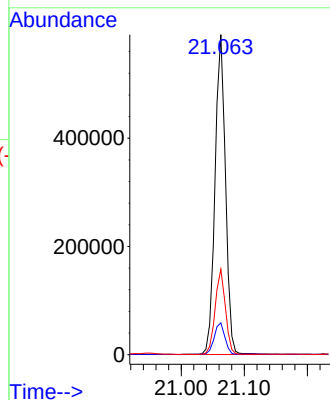
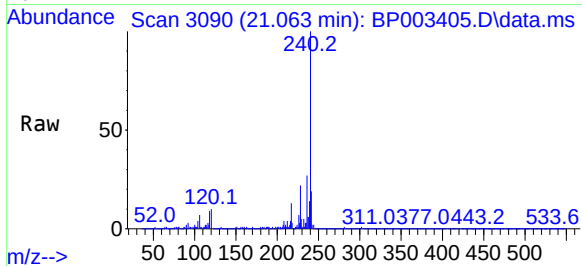
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	240	Resp:	679615
Ion Ratio	Lower	Upper	
240	100		
120	10.0	7.8	11.6
236	26.7	20.8	31.2

Instrument :
BNA_P
ClientSampleId :
B-5(13-15)DL

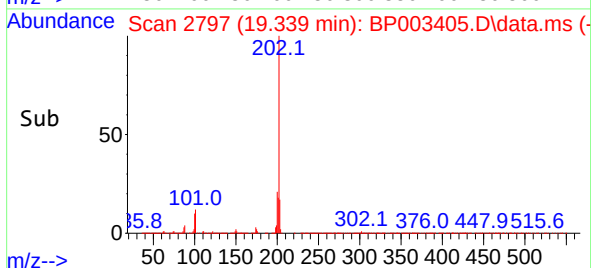
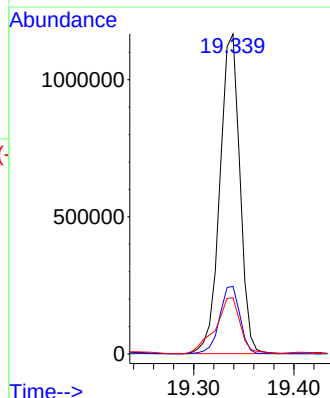
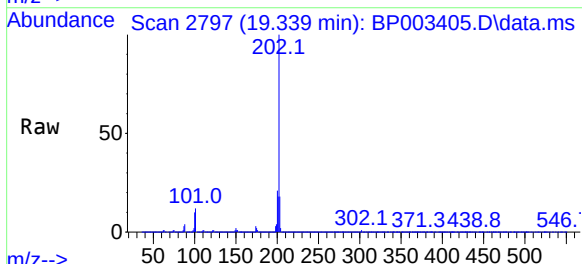
Manual Integrations
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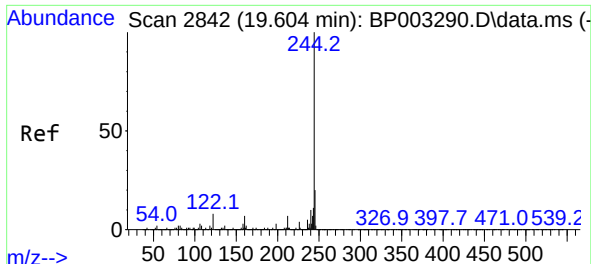
mohammad
10/1/2020 1:30:23 PM



#78
Pyrene
Concen: 38.07 ng
RT: 19.339 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

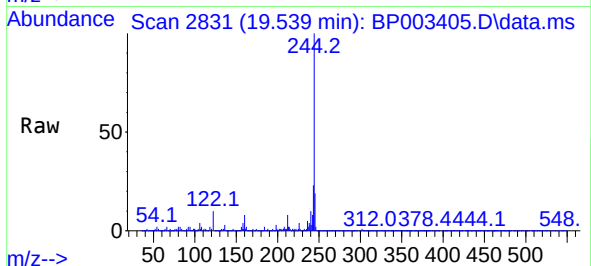
Tgt Ion:	202	Resp:	1613652
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.1	25.7
203	17.5	14.2	21.2





#79
Terphenyl-d14
Concen: 21.42 ng
RT: 19.539 min Scan# 2831
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

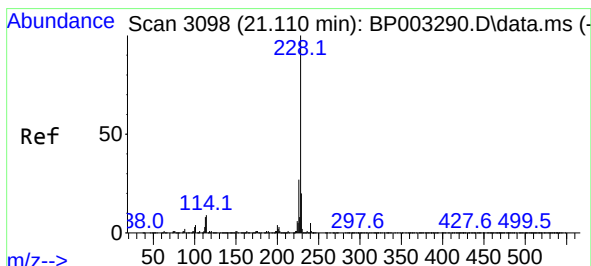
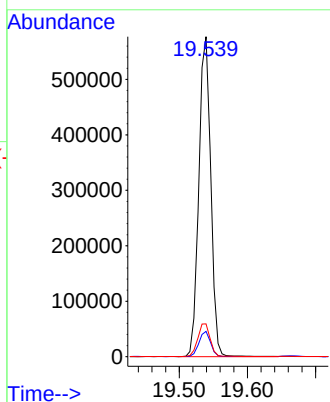
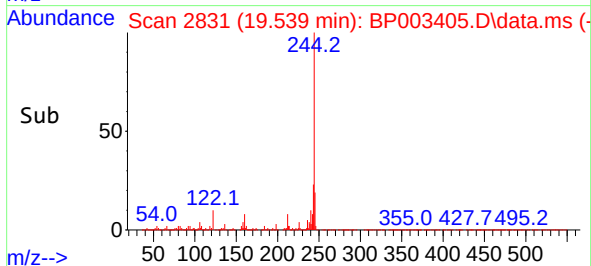
Instrument :
BNA_P
ClientSampleID :
B-5(13-15)DL



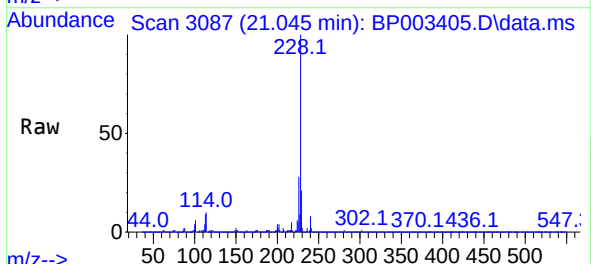
Tgt Ion:244 Resp: 698651
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 10.2 7.8 11.8

Manual Integrations
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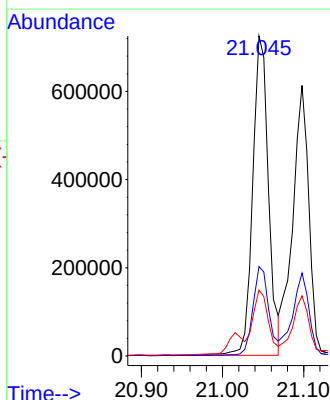
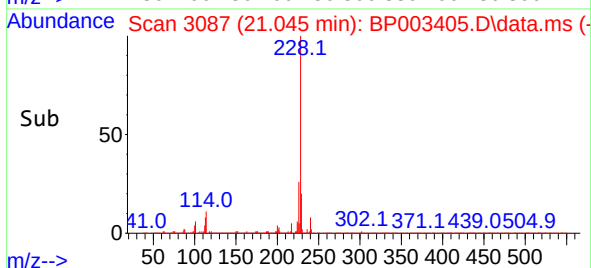
mohammad
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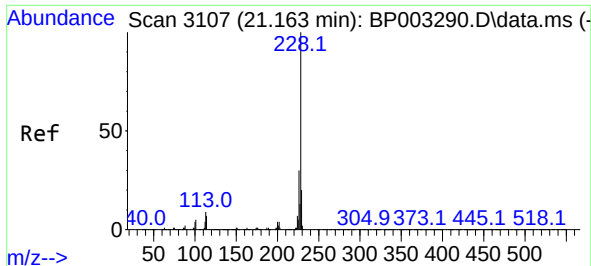


#81
Benzo(a)anthracene
Concen: 22.31 ng
RT: 21.045 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29



Tgt Ion:228 Resp: 980258
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.6 15.9 23.9





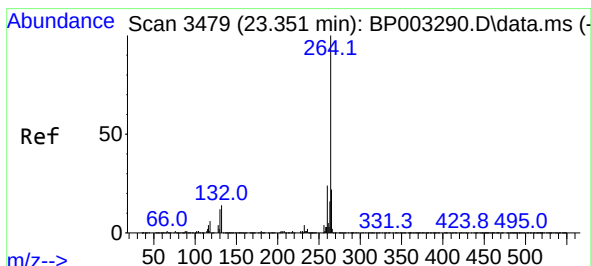
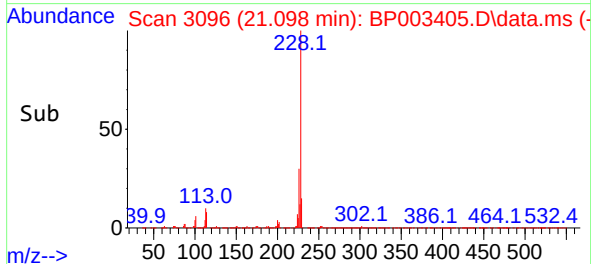
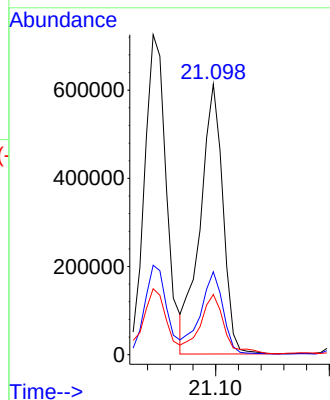
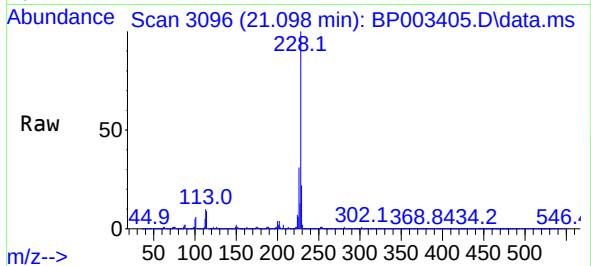
#83
Chrysene
Concen: 20.19 ng
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	228	Resp:	852084
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.4	36.6
229	22.2	15.8	23.6

Instrument :
BNA_P
ClientSampleID :
B-5(13-15)DL

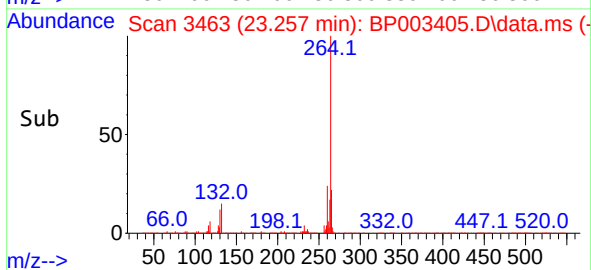
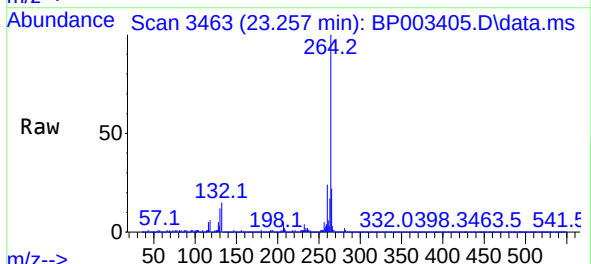
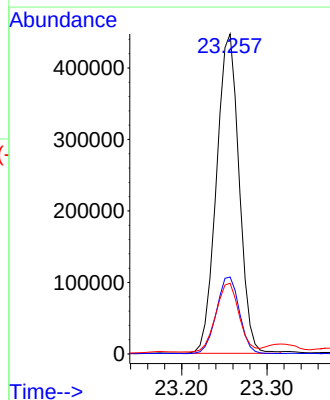
Manual Integrations
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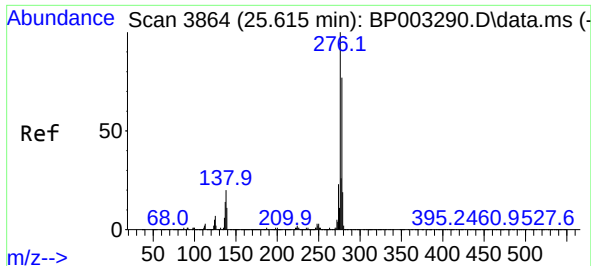
mohammad
10/1/2020 1:30:23 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	264	Resp:	823891
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.8	28.2
265	22.1	17.4	26.2





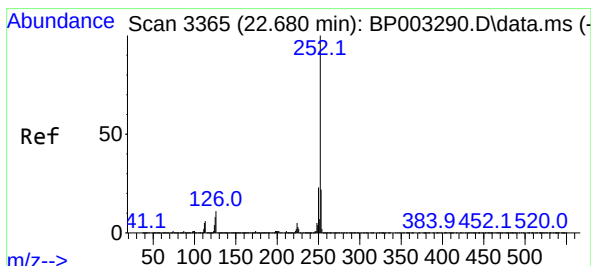
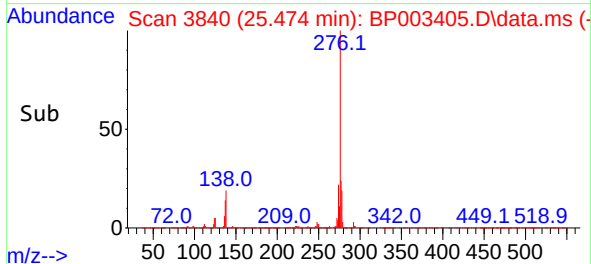
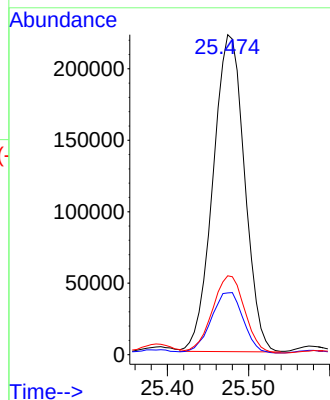
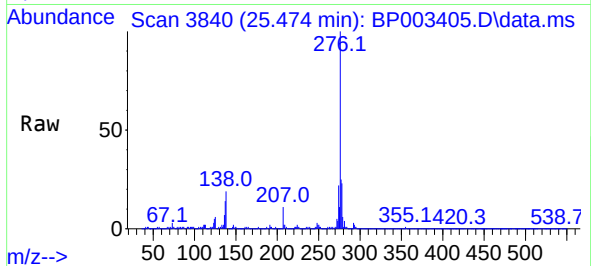
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.59 ng
RT: 25.474 min Scan# 3840
Delta R.T. -0.029 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

Tgt Ion:	276	Resp:	598795
Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.7	28.1
277	24.9	20.4	30.6

Instrument :
BNA_P
ClientSampleID :
B-5(13-15)DL

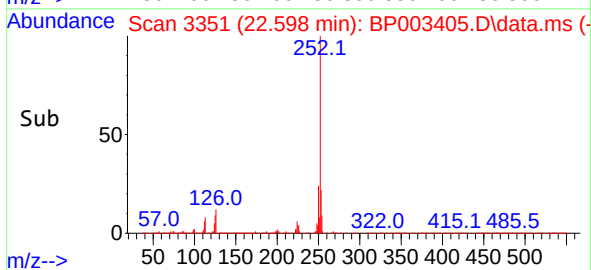
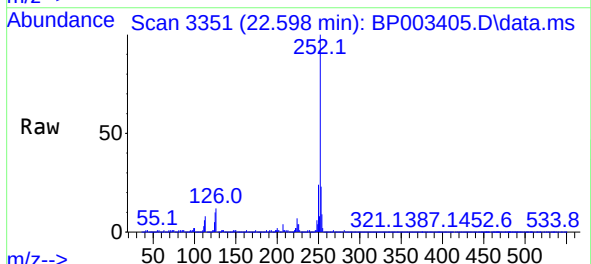
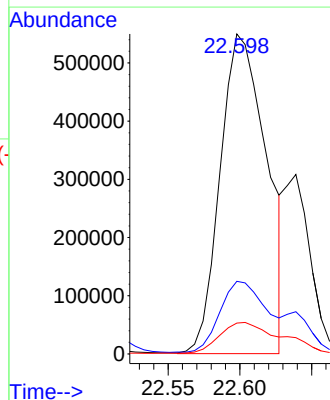
Manual Integrations
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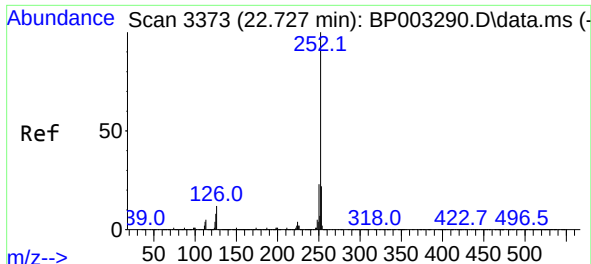
mohammad
10/1/2020 1:30:23 PM



#88
Benzo(b)fluoranthene
Concen: 23.77 ng m
RT: 22.598 min Scan# 3351
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

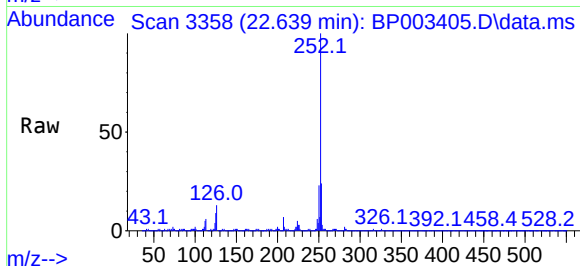
Tgt Ion:	252	Resp:	1236481
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.7	7.3	10.9





#89
Benzo(k)fluoranthene
Concen: 7.61 ng m
RT: 22.639 min Scan# 3358
Delta R.T. -0.012 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

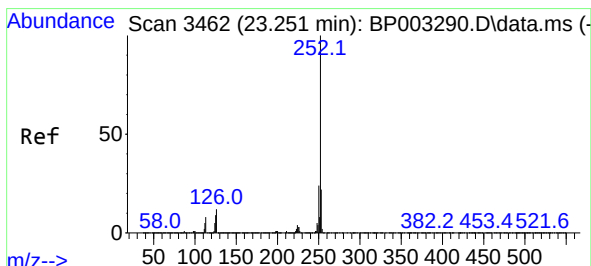
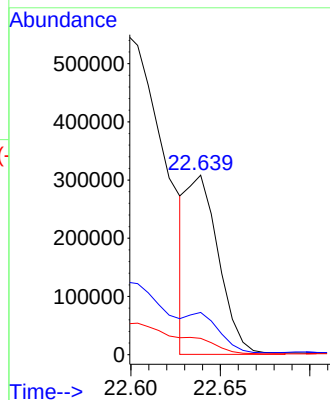
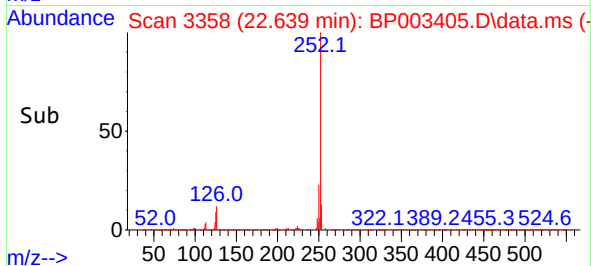
Instrument :
BNA_P
ClientSampleID :
B-5(13-15)DL



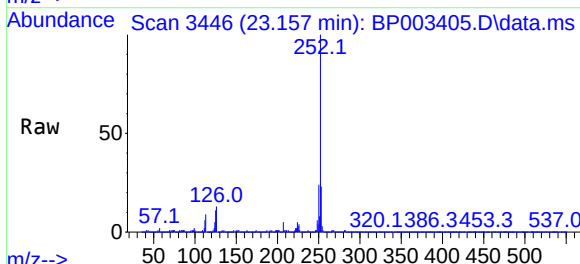
Tgt Ion:252 Resp: 379363
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 9.1 7.4 11.2

Manual Integrations
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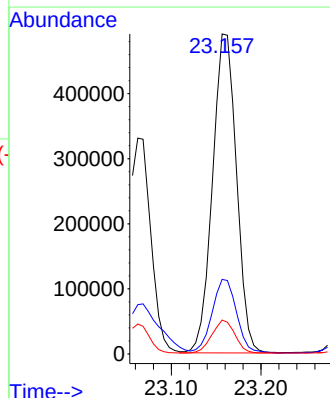
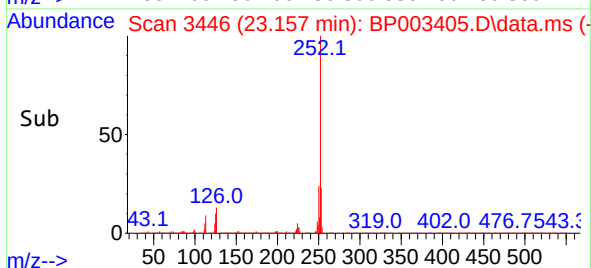
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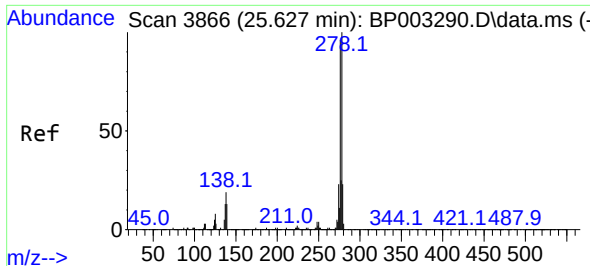


#90
Benzo(a)pyrene
Concen: 18.55 ng
RT: 23.157 min Scan# 3446
Delta R.T. -0.018 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29



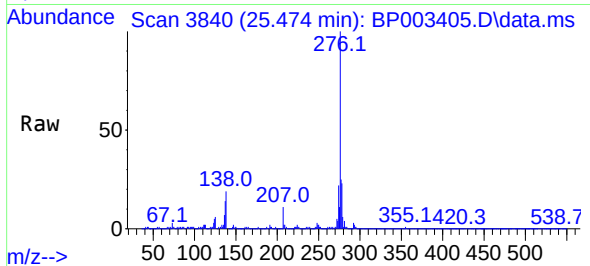
Tgt Ion:252 Resp: 910015
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.6 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 3.31 ng m
RT: 25.474 min Scan# 3840
Delta R.T. -0.035 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29

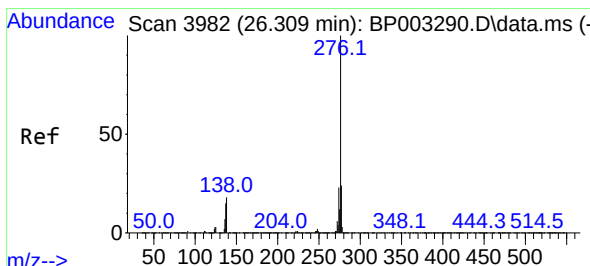
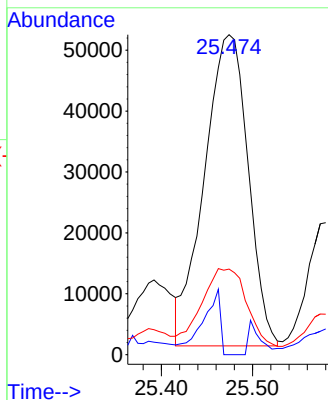
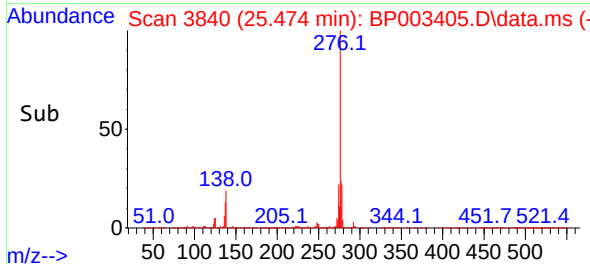
Instrument :
BNA_P
ClientSampled :
B-5(13-15)DL



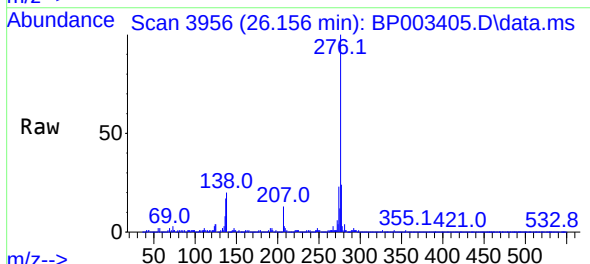
Tgt Ion:278 Resp: 170699
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 26.7 19.0 28.6

Manual Integrations
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10/1/2020 1:30:23 PM



#92
Benzo(g,h,i)perylene
Concen: 10.90 ng
RT: 26.156 min Scan# 3956
Delta R.T. -0.029 min
Lab File: BP003405.D
Acq: 29 Sep 2020 18:29



Tgt Ion:276 Resp: 560643
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.6
138 19.7 16.6 24.8

