

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092820\
 Data File : BP003395.D
 Acq On : 28 Sep 2020 15:58
 Operator : CG/JU
 Sample : L4159-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 347

Manual Integrations
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Quant Time: Sep 28 17:57:29 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	7.545	152	117379	20.00	ng	0.00
21) Naphthalene-d8	10.322	136	485314	20.00	ng	# 0.00
39) Acenaphthene-d10	14.204	164	306428	20.00	ng	0.00
64) Phenanthrene-d10	16.957	188	682037	20.00	ng	# 0.00
76) Chrysene-d12	21.062	240	783928	20.00	ng	-0.01
86) Perylene-d12	23.256	264	767219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	123238	18.33	ng	0.00
7) Phenol-d6	6.751	99	493736	55.10	ng	0.00
23) Nitrobenzene-d5	8.698	82	465801	56.39	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	24242	5.19	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	1071244	51.13	ng	0.00
79) Terphenyl-d14	19.545	244	1751470	46.55	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.669	163	65386	2.67	ng	98
71) Phenanthrene	17.004	178	385610	10.39	ng	99
72) Anthracene	17.092	178	131925	3.61	ng	99
75) Fluoranthene	18.986	202	672623	14.42	ng	98
78) Pyrene	19.339	202	855156	17.49	ng	100
81) Benzo(a)anthracene	21.051	228	395936	7.81	ng	96
83) Chrysene	21.098	228	345053m	7.09	ng	
87) Indeno(1,2,3-cd)pyrene	25.486	276	152625	2.62	ng	96
88) Benzo(b)fluoranthene	22.604	252	393154m	8.11	ng	
89) Benzo(k)fluoranthene	22.639	252	110457m	2.38	ng	
90) Benzo(a)pyrene	23.162	252	305555	6.69	ng	# 94
92) Benzo(g,h,i)perylene	26.162	276	196864	4.11	ng	99

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

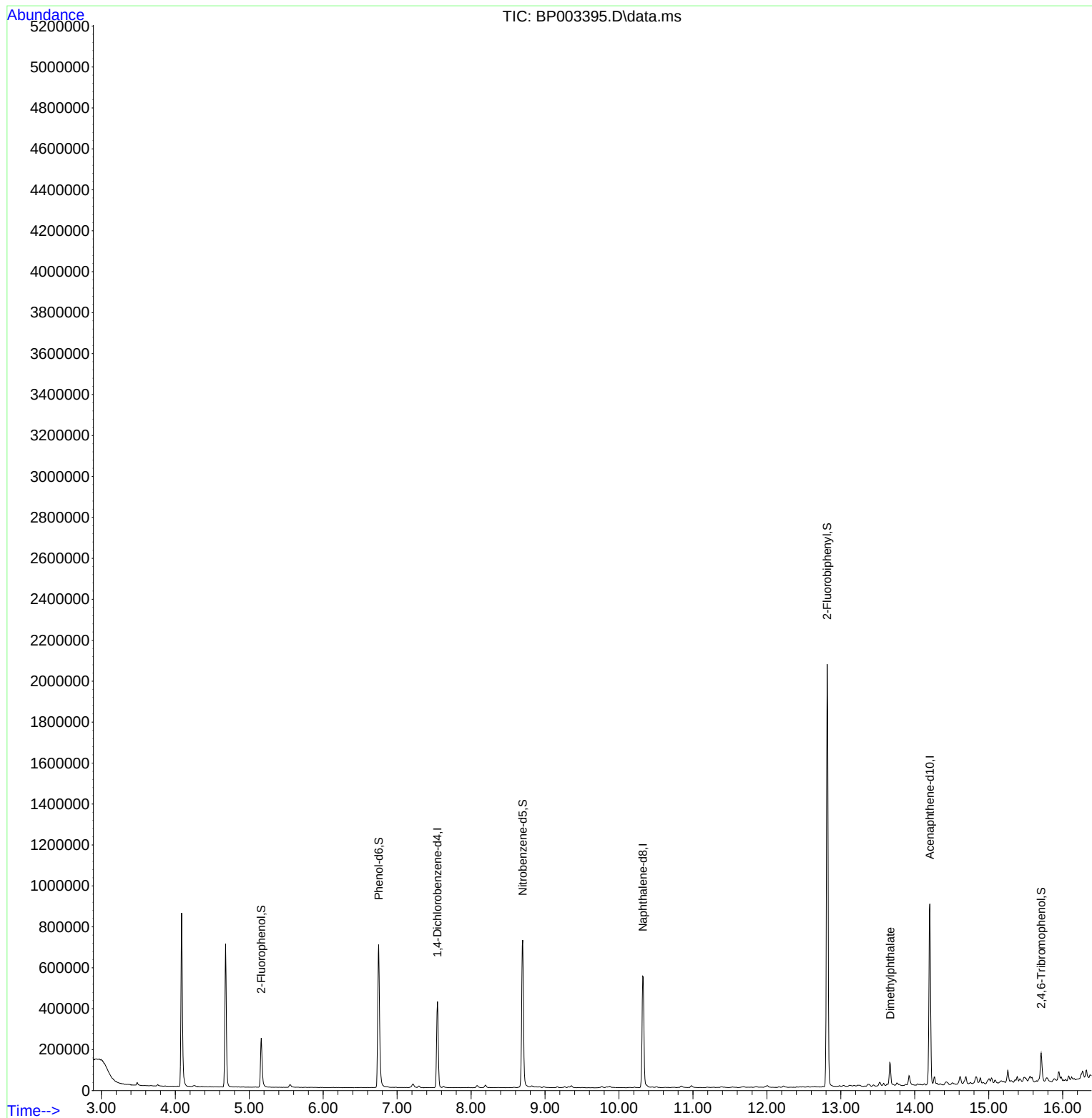
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Data File : BP003395.D
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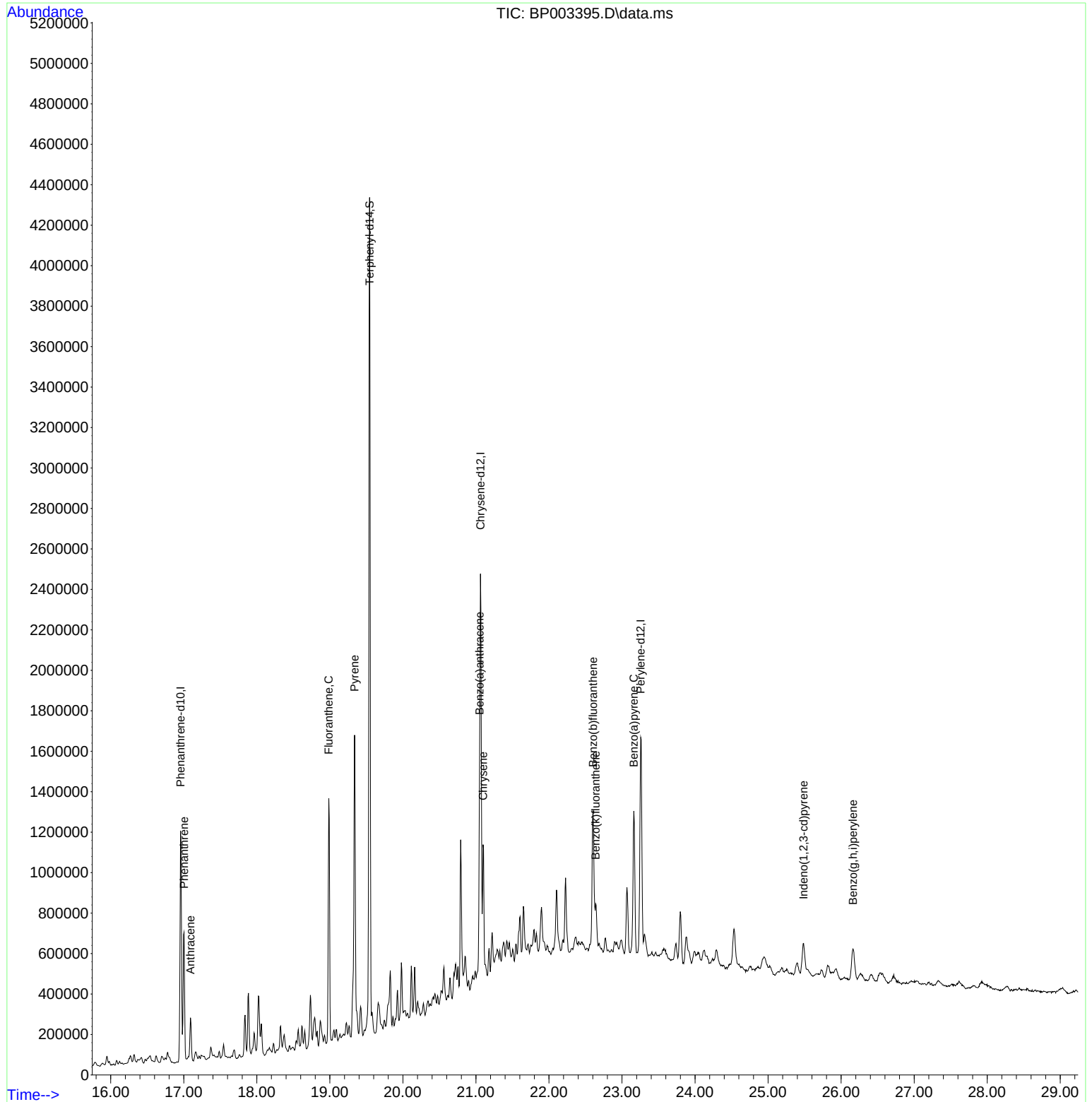
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Data File : BP003395.D
Acq On : 28 Sep 2020 15:58
Operator : CG/JU
Sample : L4159-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

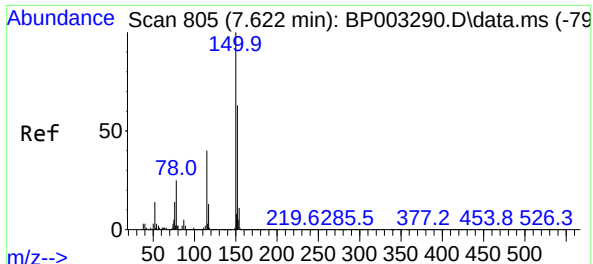
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347

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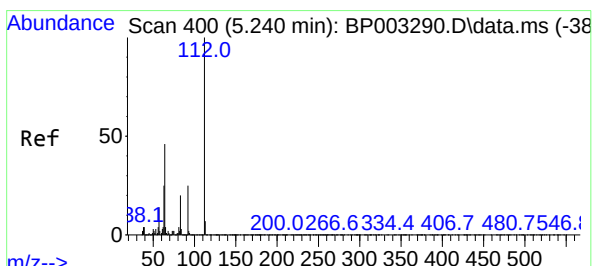
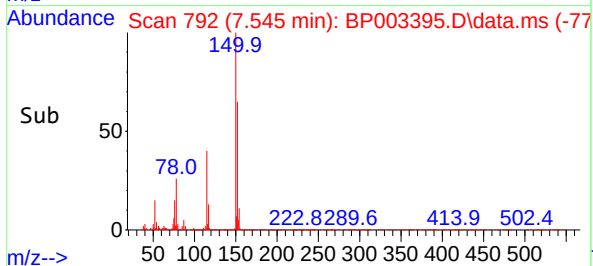
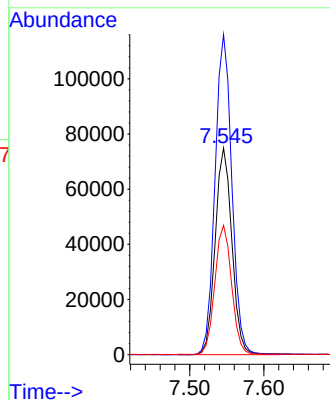
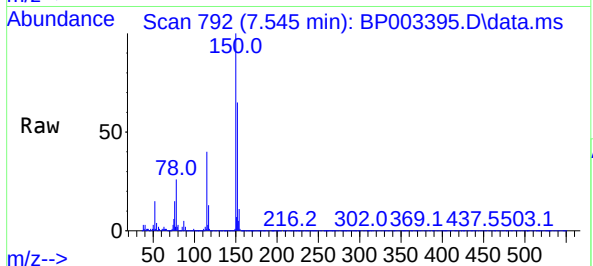
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.545 min Scan# 792
Delta R.T. -0.001 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:	152	Resp:	117379
Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	62.7	43.8	65.6

Instrument :
BNA_P
ClientSampled :
347

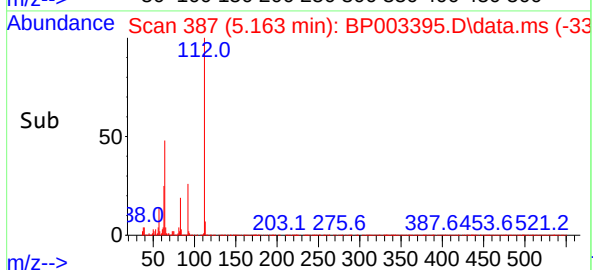
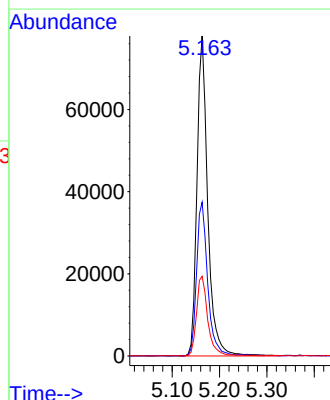
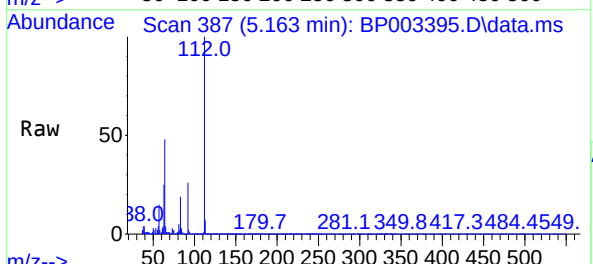
Manual Integrations
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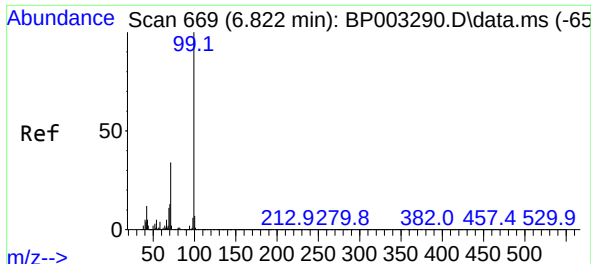
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#5
2-Fluorophenol
Concen: 18.33 ng
RT: 5.163 min Scan# 387
Delta R.T. -0.000 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

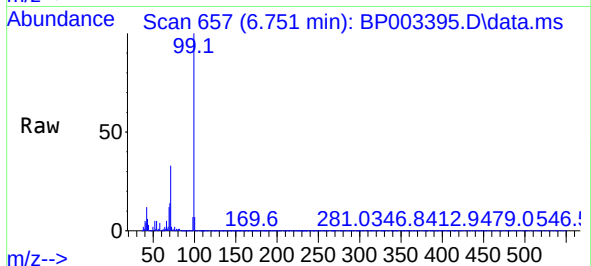
Tgt Ion:	112	Resp:	123238
Ion	Ratio	Lower	Upper
112	100		
64	48.0	32.8	49.2
63	24.9	17.0	25.4





#7
Phenol-d6
Concen: 55.10 ng
RT: 6.751 min Scan# 657
Delta R.T. -0.000 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

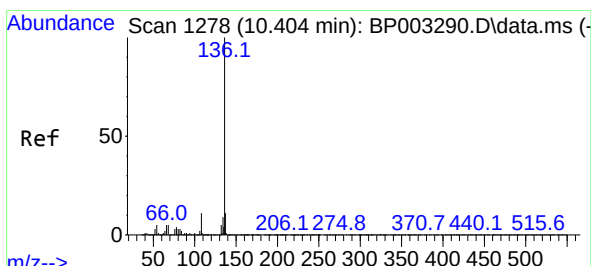
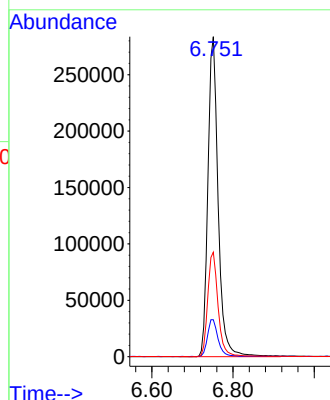
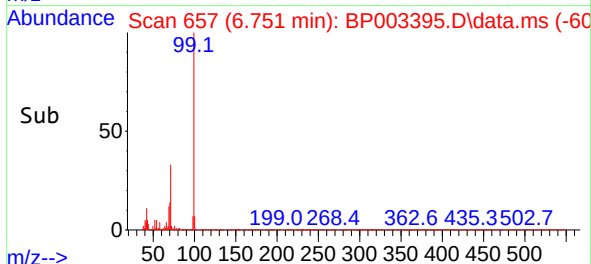
Instrument :
BNA_P
ClientSampled :
347



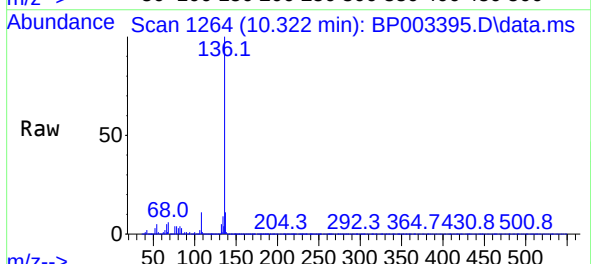
Tgt Ion: 99 Resp: 493736
Ion Ratio Lower Upper
99 100
42 11.6 8.6 13.0
71 32.6 23.4 35.2

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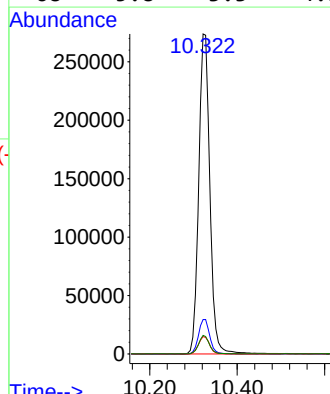
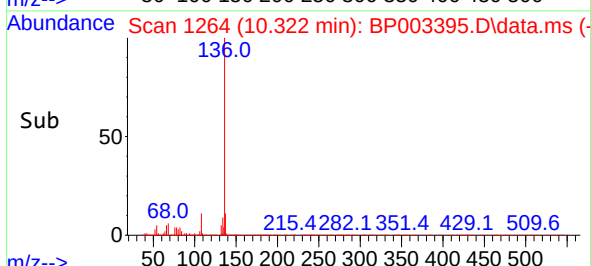
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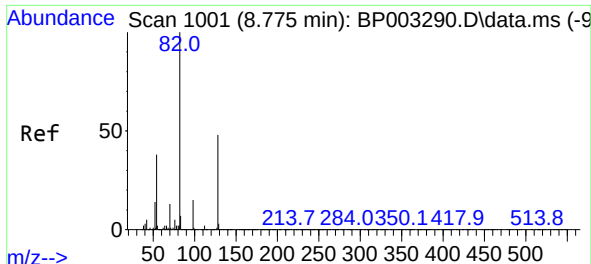


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.322 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



Tgt Ion: 136 Resp: 485314
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.4 3.6 5.4#
68 5.8 3.3 4.9#





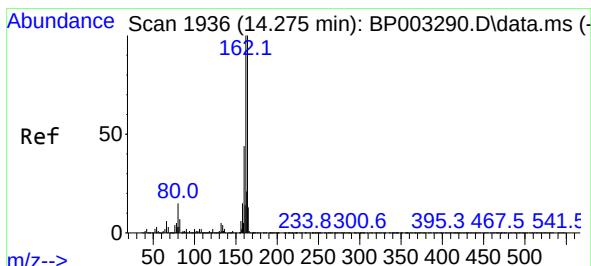
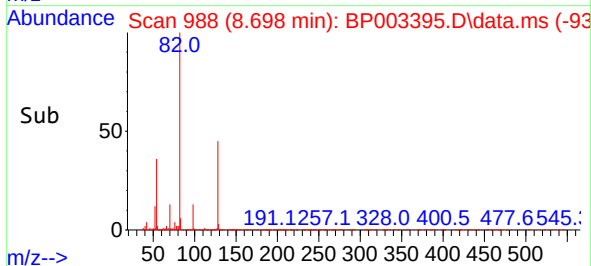
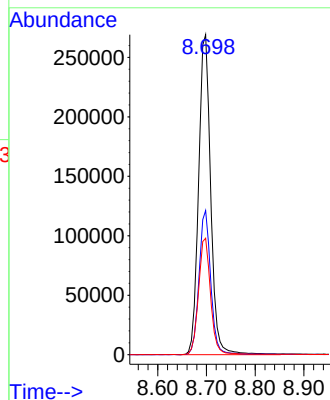
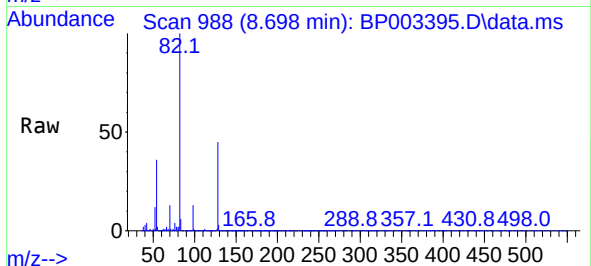
#23
Nitrobenzene-d5
Concen: 56.39 ng
RT: 8.698 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion: 82 Resp: 465801
Ion Ratio Lower Upper
82 100
128 45.1 45.6 68.4#
54 36.4 30.1 45.1

Instrument :
BNA_P
ClientSampled :
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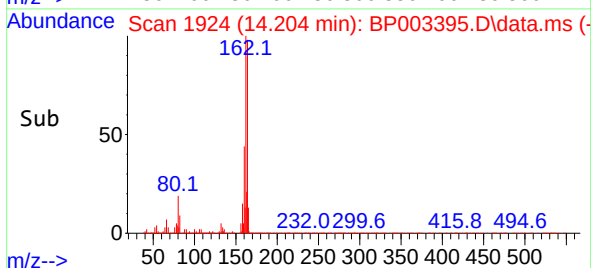
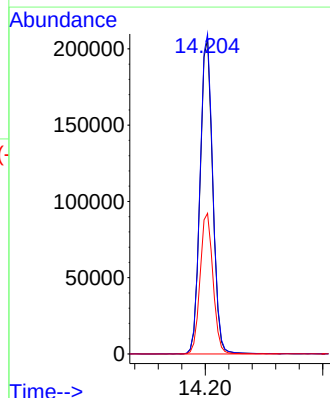
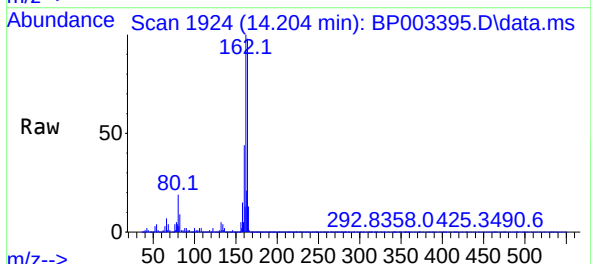
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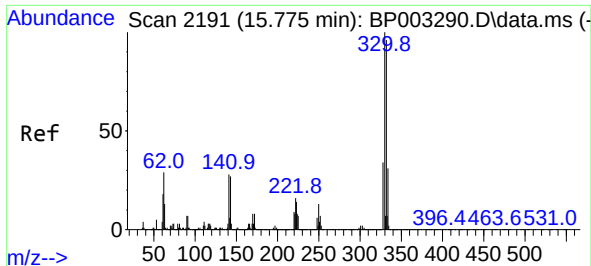
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.204 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

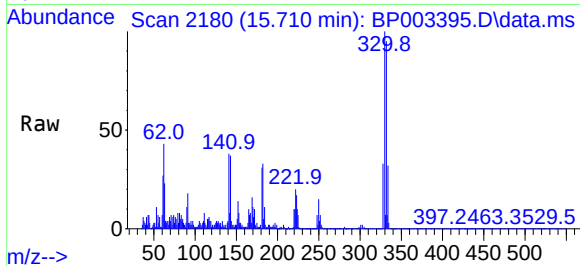
Tgt Ion: 164 Resp: 306428
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.6 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 5.19 ng
RT: 15.710 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

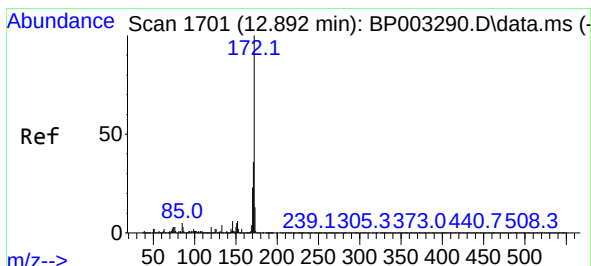
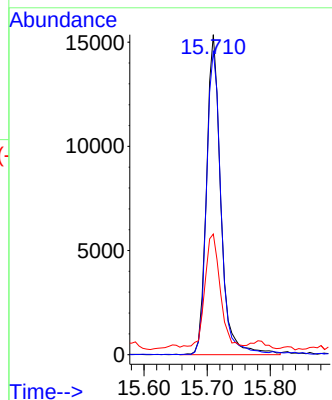
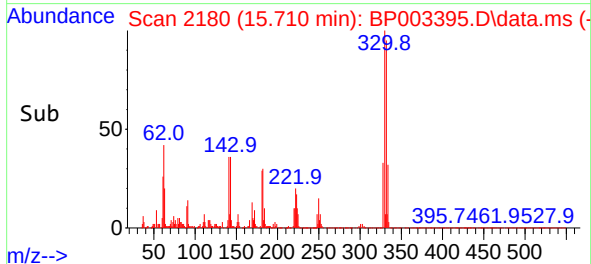
Instrument :
BNA_P
ClientSampled :
347



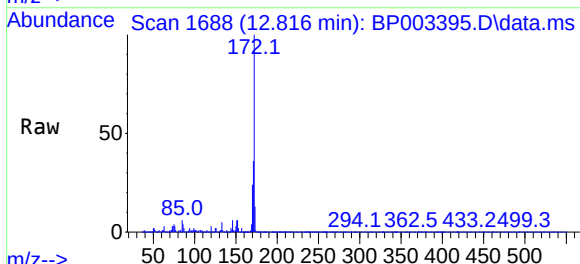
Tgt Ion:330 Resp: 24242
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 38.7 23.4 35.2#

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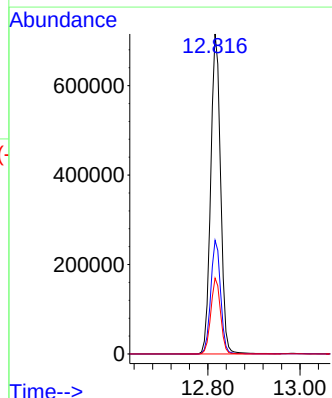
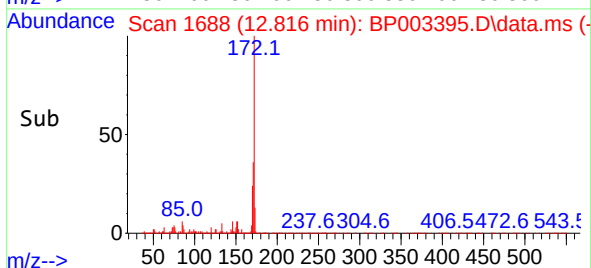
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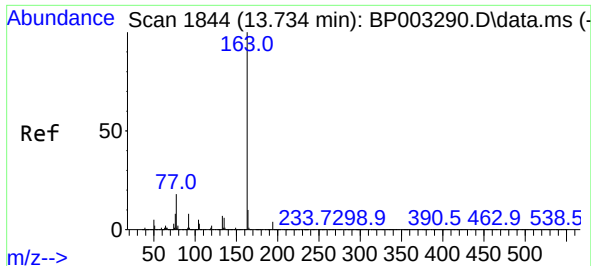


#45
2-Fluorobiphenyl
Concen: 51.13 ng
RT: 12.816 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



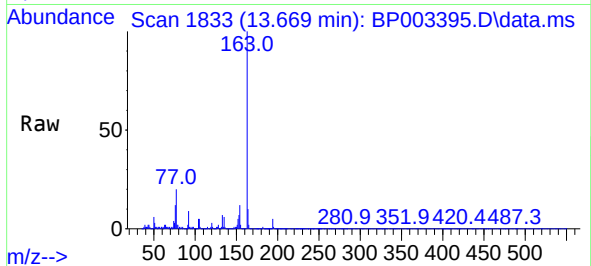
Tgt Ion:172 Resp: 1071244
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.7 19.2 28.8





#50
Dimethylphthalate
Concen: 2.67 ng
RT: 13.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

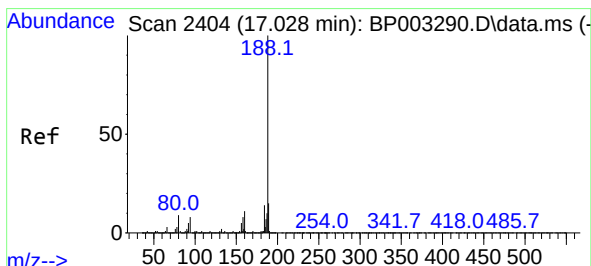
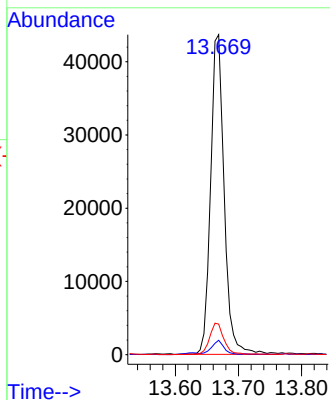
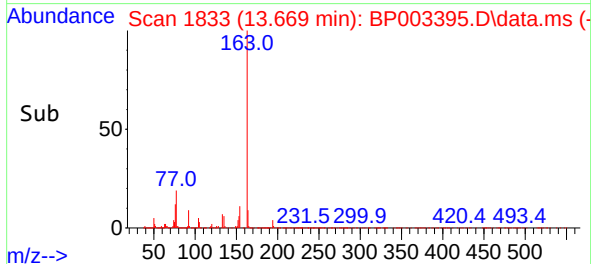
Instrument :
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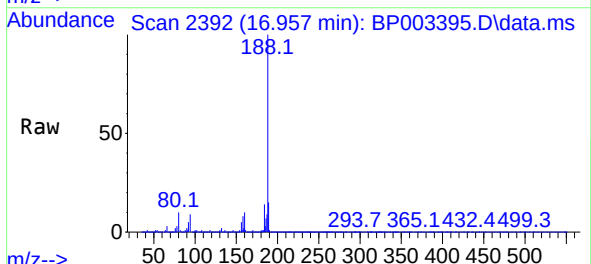
Tgt Ion:163 Resp: 65386
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.6 8.2 12.2

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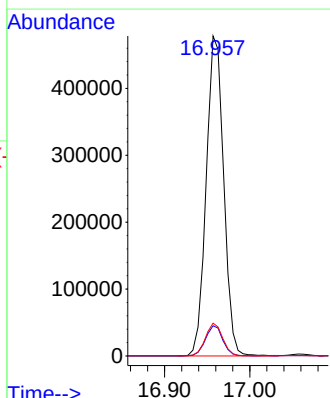
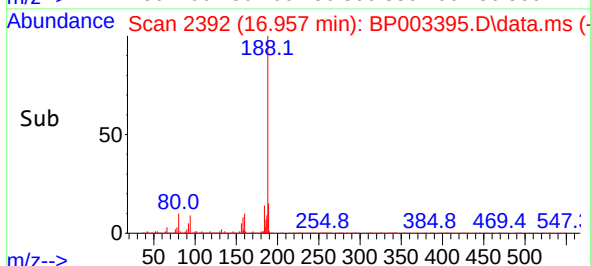
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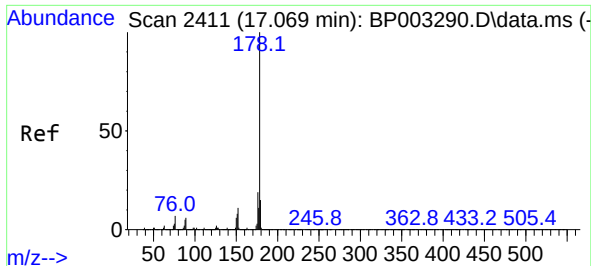


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



Tgt Ion:188 Resp: 682037
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 10.2 6.2 9.2#





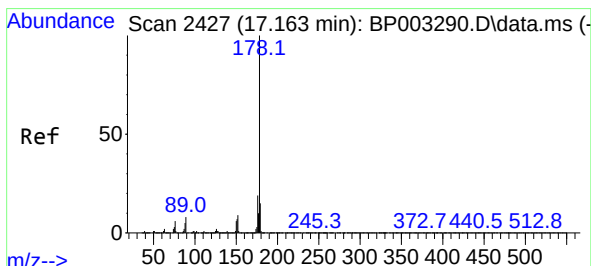
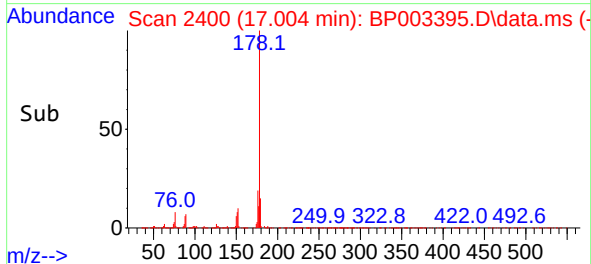
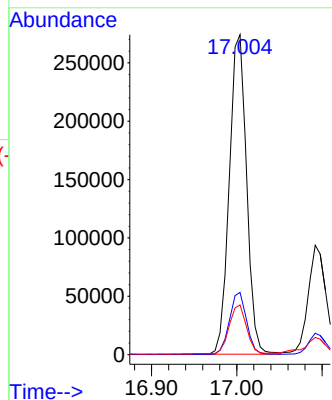
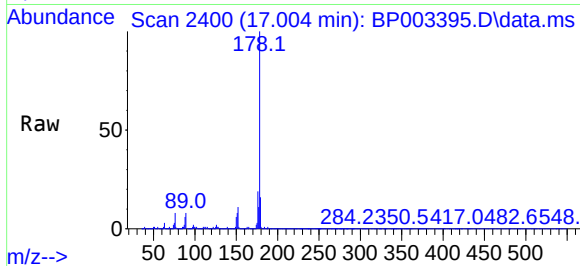
#71
Phenanthrene
Concen: 10.39 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:178 Resp: 385610
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.5 18.7

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BNA_P
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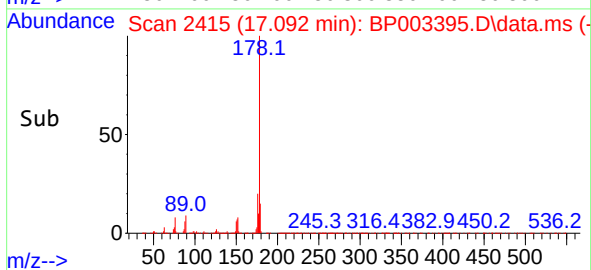
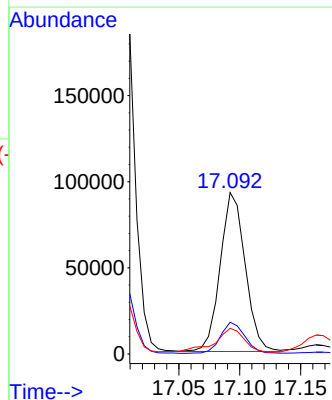
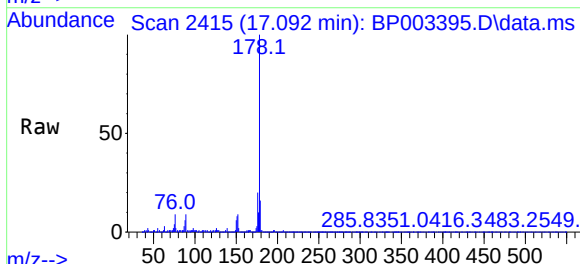
Manual Integrations
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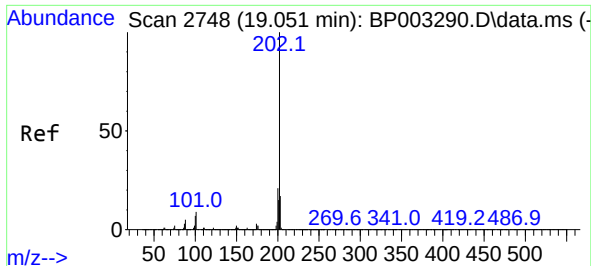
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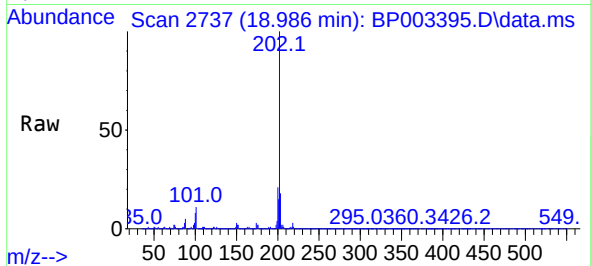
#72
Anthracene
Concen: 3.61 ng
RT: 17.092 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:178 Resp: 131925
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 15.9 12.5 18.7

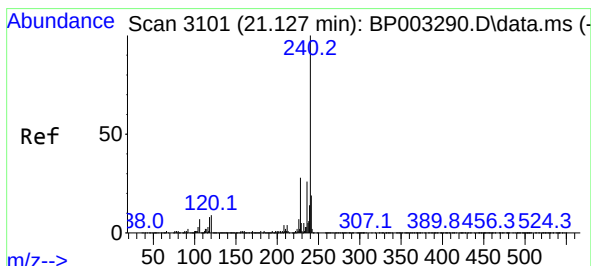
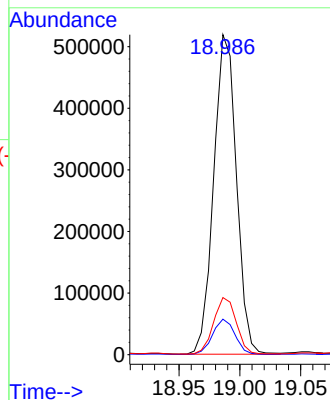
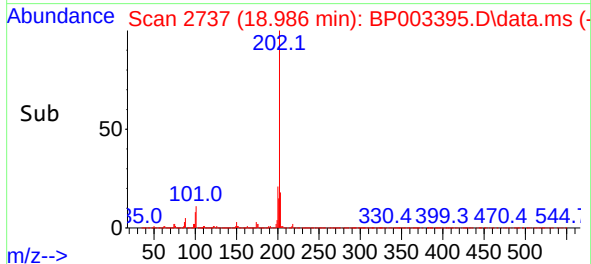




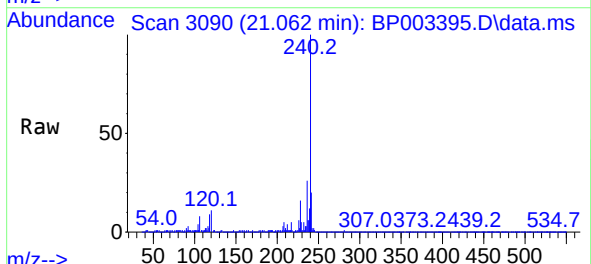
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Fluoranthene
Concen: 14.42 ng
RT: 18.986 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



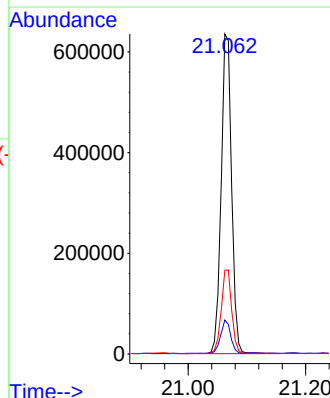
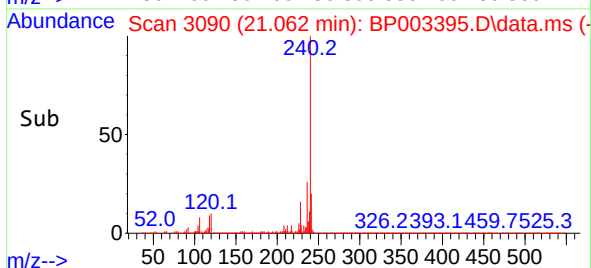
Tgt Ion: 202 Resp: 672623
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.4
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.062 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



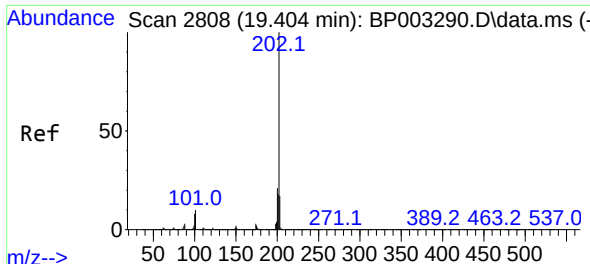
Tgt Ion: 240 Resp: 783928
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 26.1 20.8 31.2



Instrument :
BNA_P
ClientSampled :
347

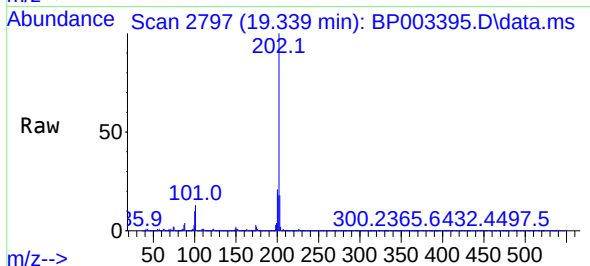
Manual Integrations
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#78
 Pyrene
 Concen: 17.49 ng
 RT: 19.339 min Scan# 2797
 Delta R.T. -0.006 min
 Lab File: BP003395.D
 Acq: 28 Sep 2020 15:58

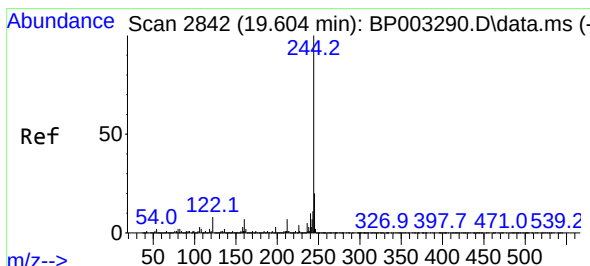
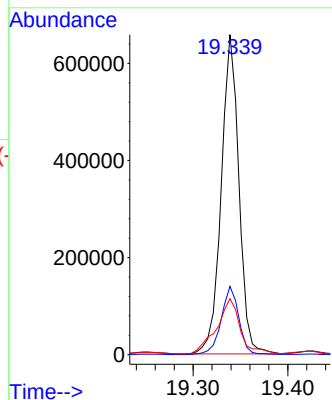
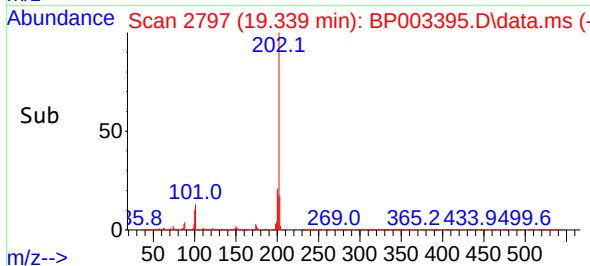
Instrument :
 BNA_P
 ClientSampled :
 347



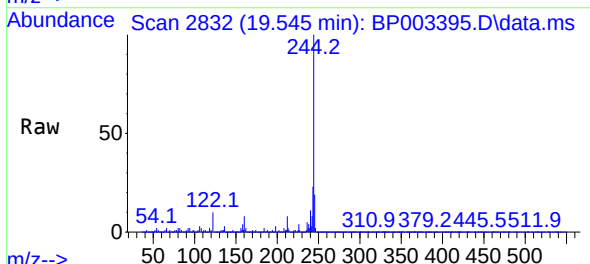
Tgt Ion:202 Resp: 855156
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.1 25.7
 203 17.5 14.2 21.2

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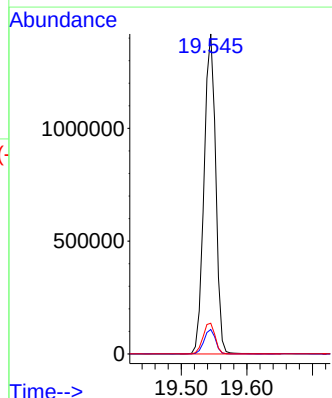
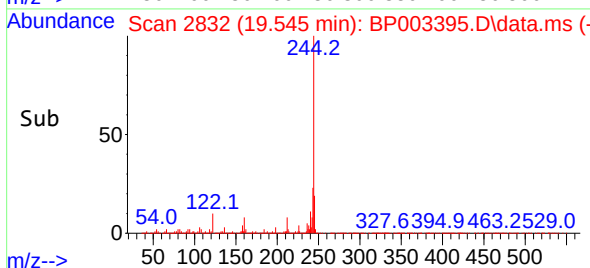
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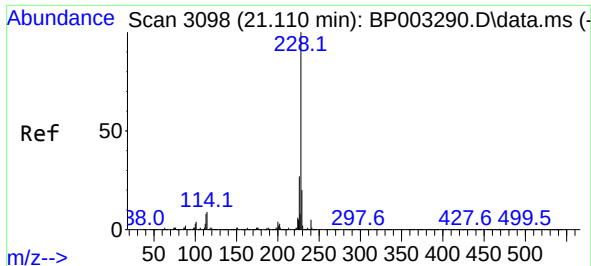


#79
 Terphenyl-d14
 Concen: 46.55 ng
 RT: 19.545 min Scan# 2832
 Delta R.T. -0.006 min
 Lab File: BP003395.D
 Acq: 28 Sep 2020 15:58



Tgt Ion:244 Resp: 1751470
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.6 7.8 11.8





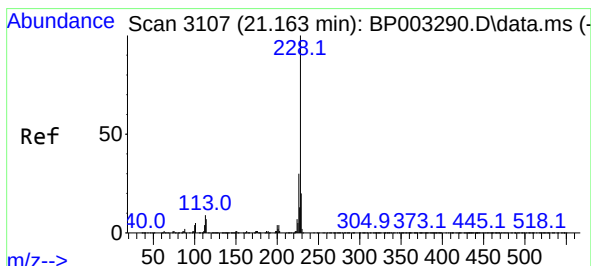
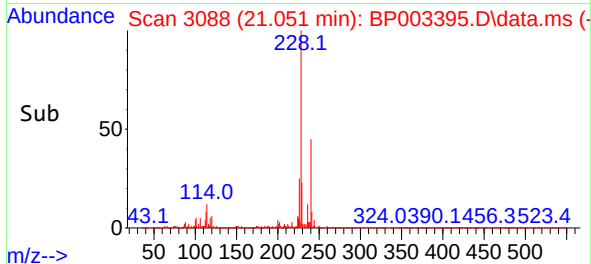
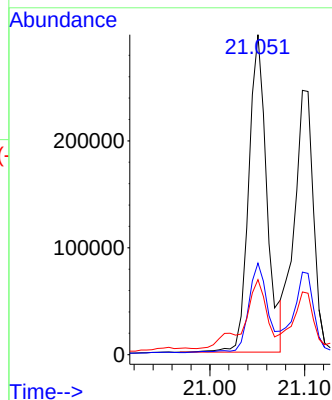
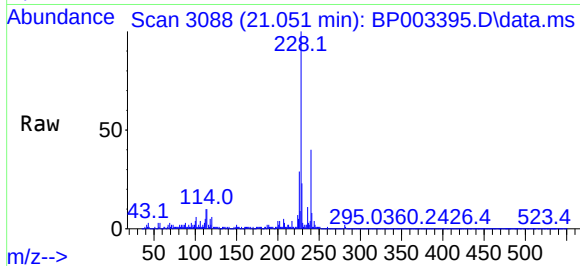
#81
Benzo(a)anthracene
Concen: 7.81 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:	228	Resp:	395936
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.1	33.1
229	23.5	15.9	23.9

Instrument :
BNA_P
ClientSampled :
347

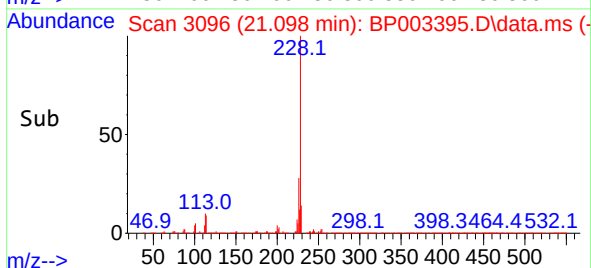
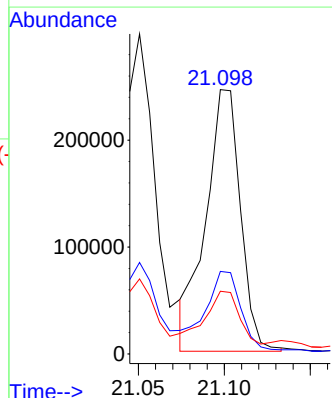
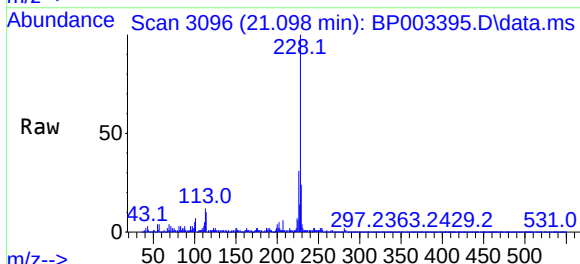
Manual Integrations
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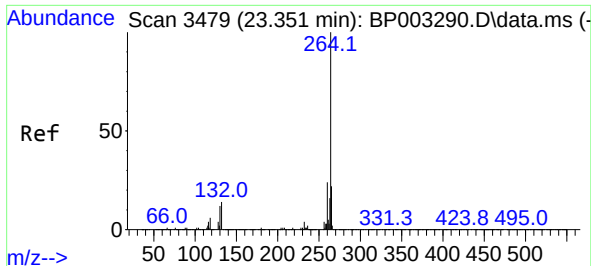
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#83
Chrysene
Concen: 7.09 ng m
RT: 21.098 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

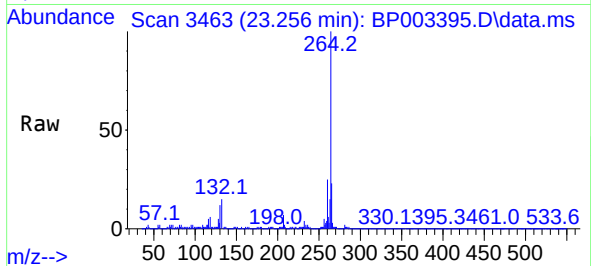
Tgt Ion:	228	Resp:	345053
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.4	36.6
229	23.7	15.8	23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.256 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

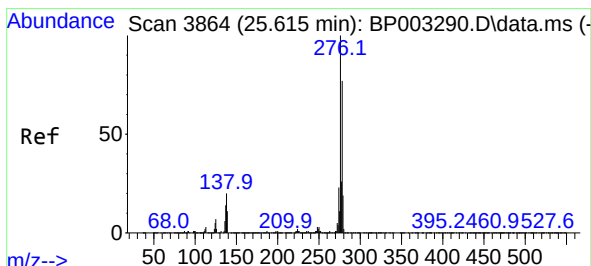
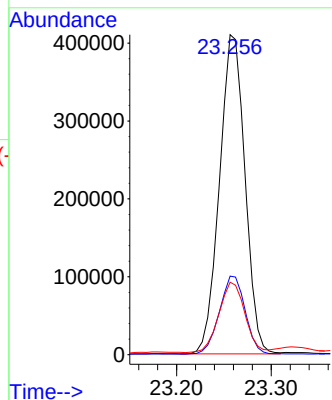
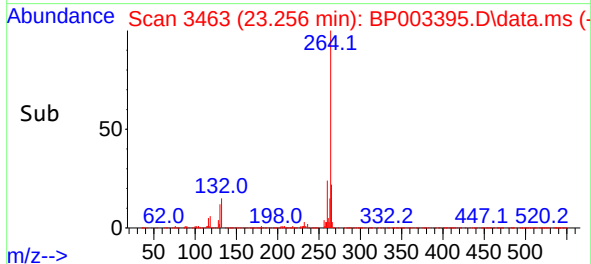
Instrument :
BNA_P
ClientSampled :
347



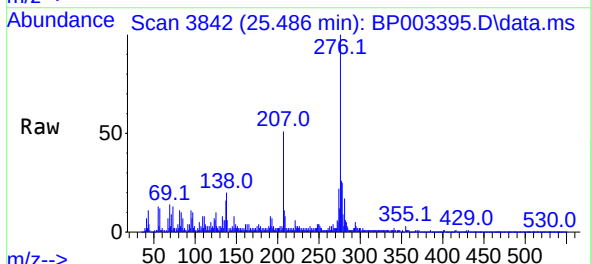
Tgt Ion:264 Resp: 767219
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.6 17.4 26.2

Manual Integrations
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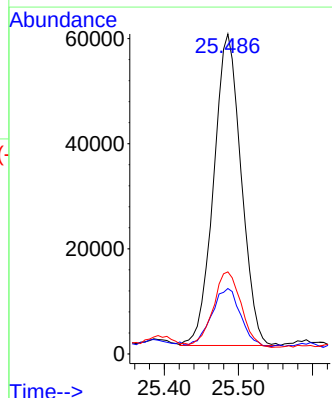
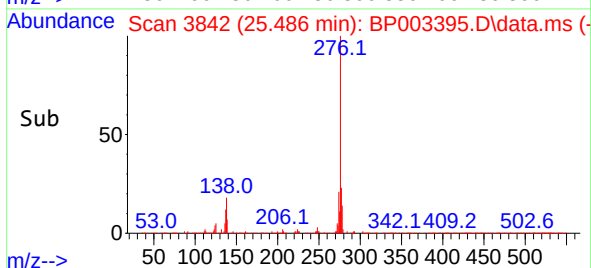
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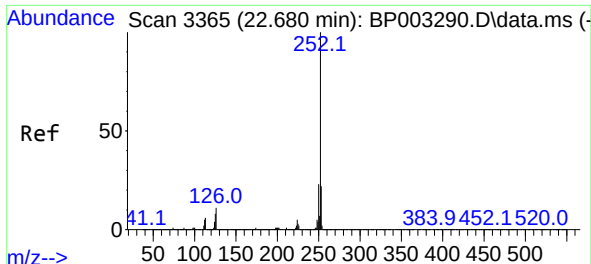


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.62 ng
RT: 25.486 min Scan# 3842
Delta R.T. -0.018 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

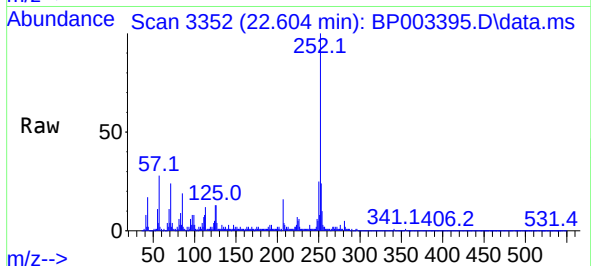


Tgt Ion:276 Resp: 152625
Ion Ratio Lower Upper
276 100
138 19.8 18.7 28.1
277 24.6 20.4 30.6

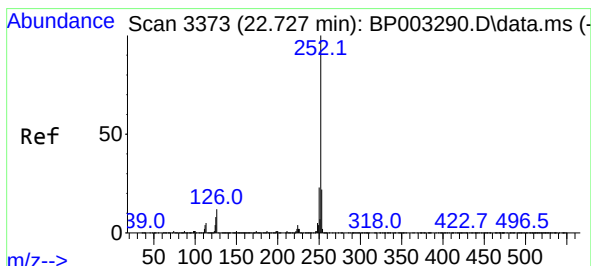
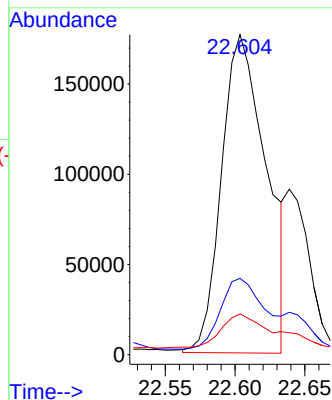
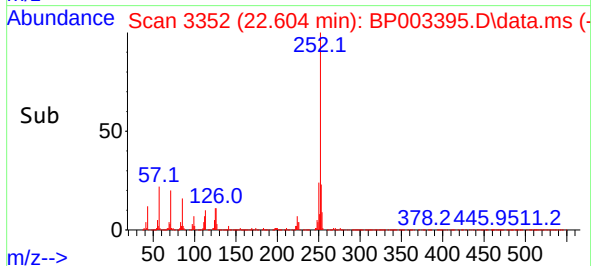




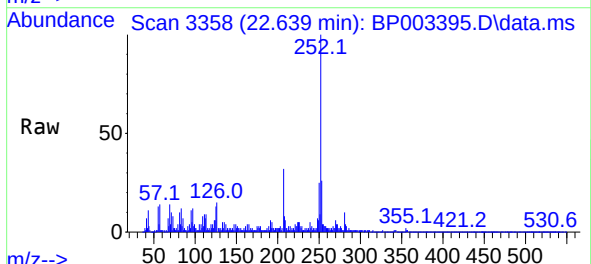
#88
Benzo(b)fluoranthene
Concen: 8.11 ng m
RT: 22.604 min Scan# 3352
Delta R.T. -0.006 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



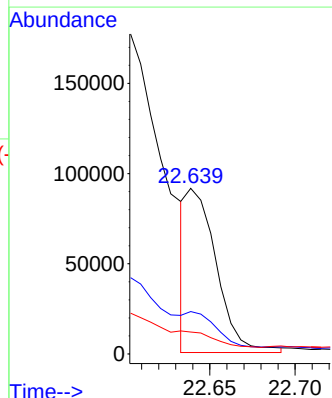
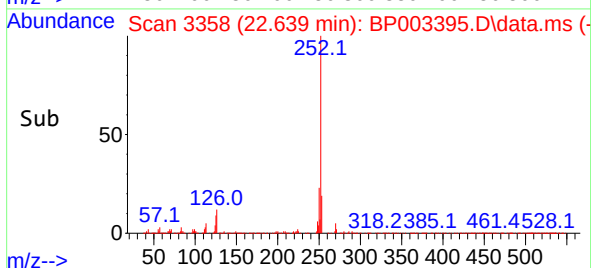
Tgt Ion:252 Resp: 393154
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 12.8 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.38 ng m
RT: 22.639 min Scan# 3358
Delta R.T. -0.012 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58



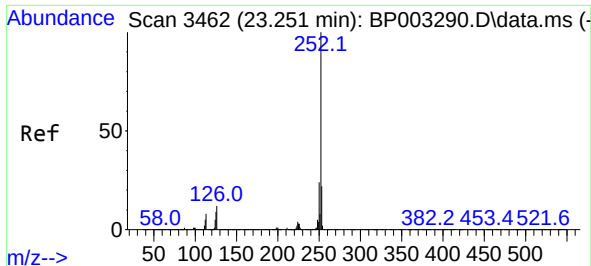
Tgt Ion:252 Resp: 110457
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.8
125 13.2 7.4 11.2#



Instrument :
BNA_P
ClientSampled :
347

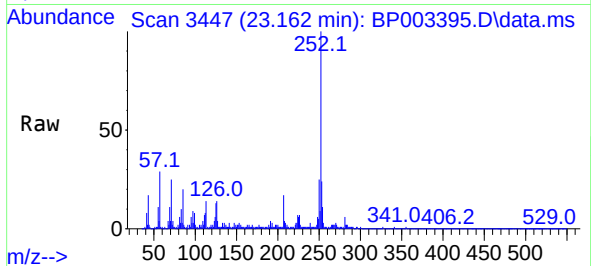
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#90
Benzo(a)pyrene
Concen: 6.69 ng
RT: 23.162 min Scan# 3447
Delta R.T. -0.012 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

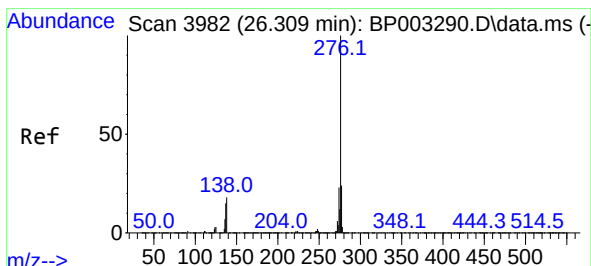
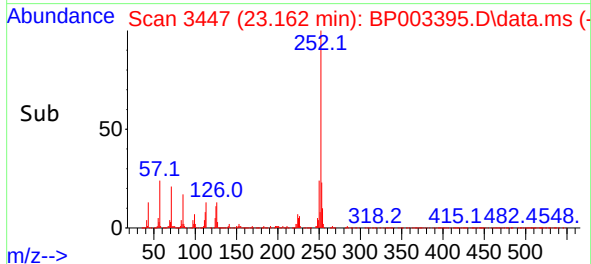
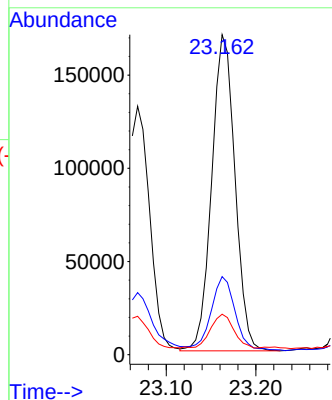
Instrument :
BNA_P
ClientSampled :
347



Tgt Ion:252 Resp: 305555
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 12.7 8.2 12.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.11 ng
RT: 26.162 min Scan# 3957
Delta R.T. -0.024 min
Lab File: BP003395.D
Acq: 28 Sep 2020 15:58

Tgt Ion:276 Resp: 196864
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 20.2 16.6 24.8

