

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
 Data File : BP003504.D
 Acq On : 05 Oct 2020 23:01
 Operator : CG/JU
 Sample : L4230-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-29

Manual Integrations
 APPROVED

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Quant Time: Oct 06 04:21:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 14:33:14 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	70877	20.00	ng	0.00
21) Naphthalene-d8	10.275	136	295377	20.00	ng	# 0.00
39) Acenaphthene-d10	14.157	164	182961	20.00	ng	0.00
64) Phenanthrene-d10	16.916	188	332016	20.00	ng	# 0.00
76) Chrysene-d12	21.027	240	464704	20.00	ng	0.00
86) Perylene-d12	23.198	264	552180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.116	112	435795	107.36	ng	0.00
7) Phenol-d6	6.705	99	572450	105.81	ng	0.00
23) Nitrobenzene-d5	8.651	82	384888	76.55	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	225692	80.88	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	848833	67.85	ng	0.00
79) Terphenyl-d14	19.504	244	1295078	58.07	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.881	152	64124	3.71	ng	96
50) Dimethylphthalate	13.628	163	54707	3.74	ng	98
71) Phenanthrene	16.963	178	107623	5.96	ng	# 83
72) Anthracene	17.057	178	35781	2.01	ng	# 68
75) Fluoranthene	18.951	202	368482	16.22	ng	97
78) Pyrene	19.304	202	345406	11.92	ng	99
81) Benzo(a)anthracene	21.010	228	255847	8.52	ng	98
83) Chrysene	21.063	228	248067	8.60	ng	96
87) Indeno(1,2,3-cd)pyrene	25.398	276	245261	5.86	ng	96
88) Benzo(b)fluoranthene	22.551	252	473705m	13.59	ng	
89) Benzo(k)fluoranthene	22.586	252	164019m	4.91	ng	
90) Benzo(a)pyrene	23.104	252	313508	9.53	ng	99
92) Benzo(g,h,i)perylene	26.068	276	240685	6.98	ng	98

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

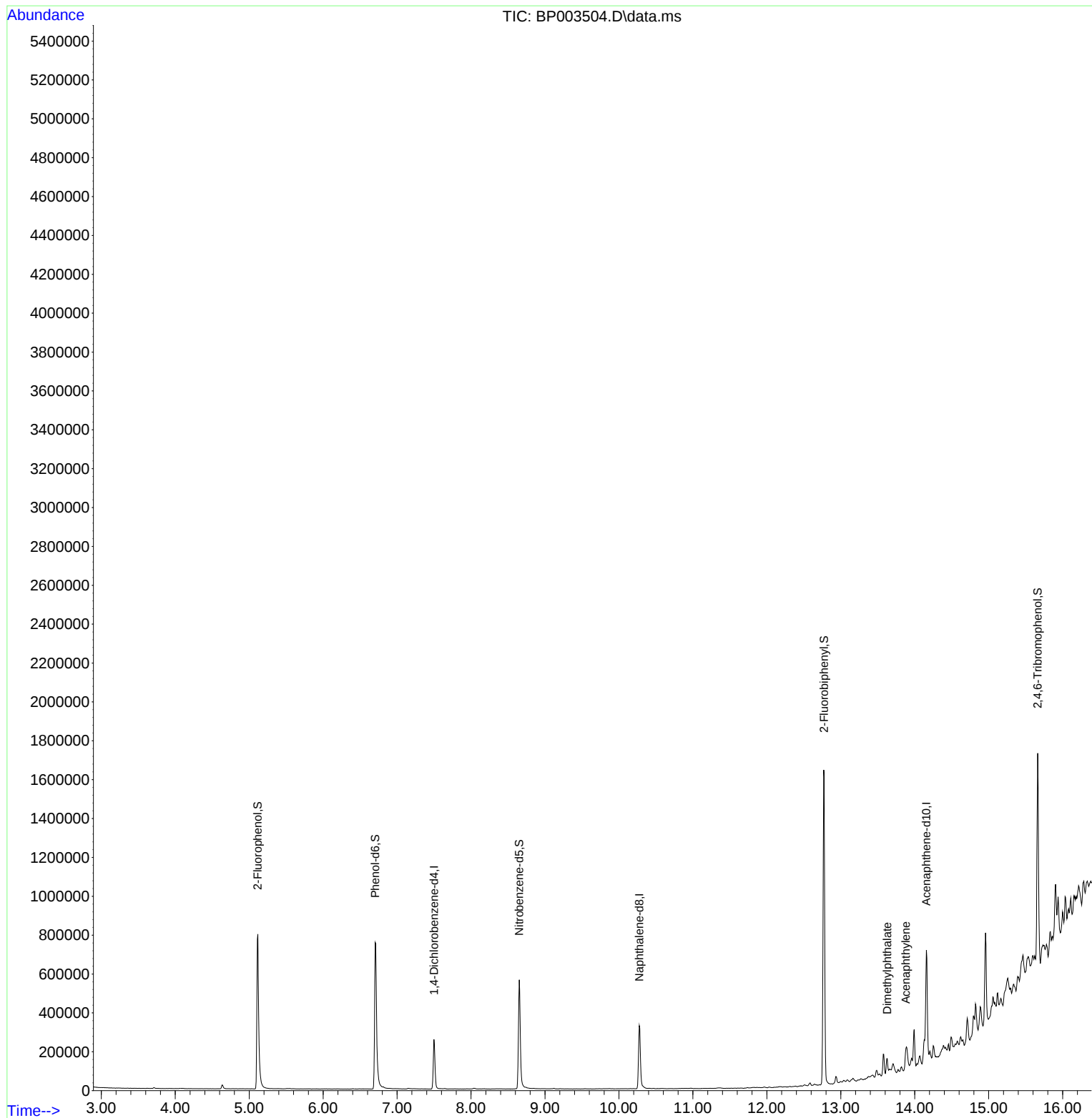
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Data File : BP003504.D
Acq On : 05 Oct 2020 23:01
Operator : CG/JU
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QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration



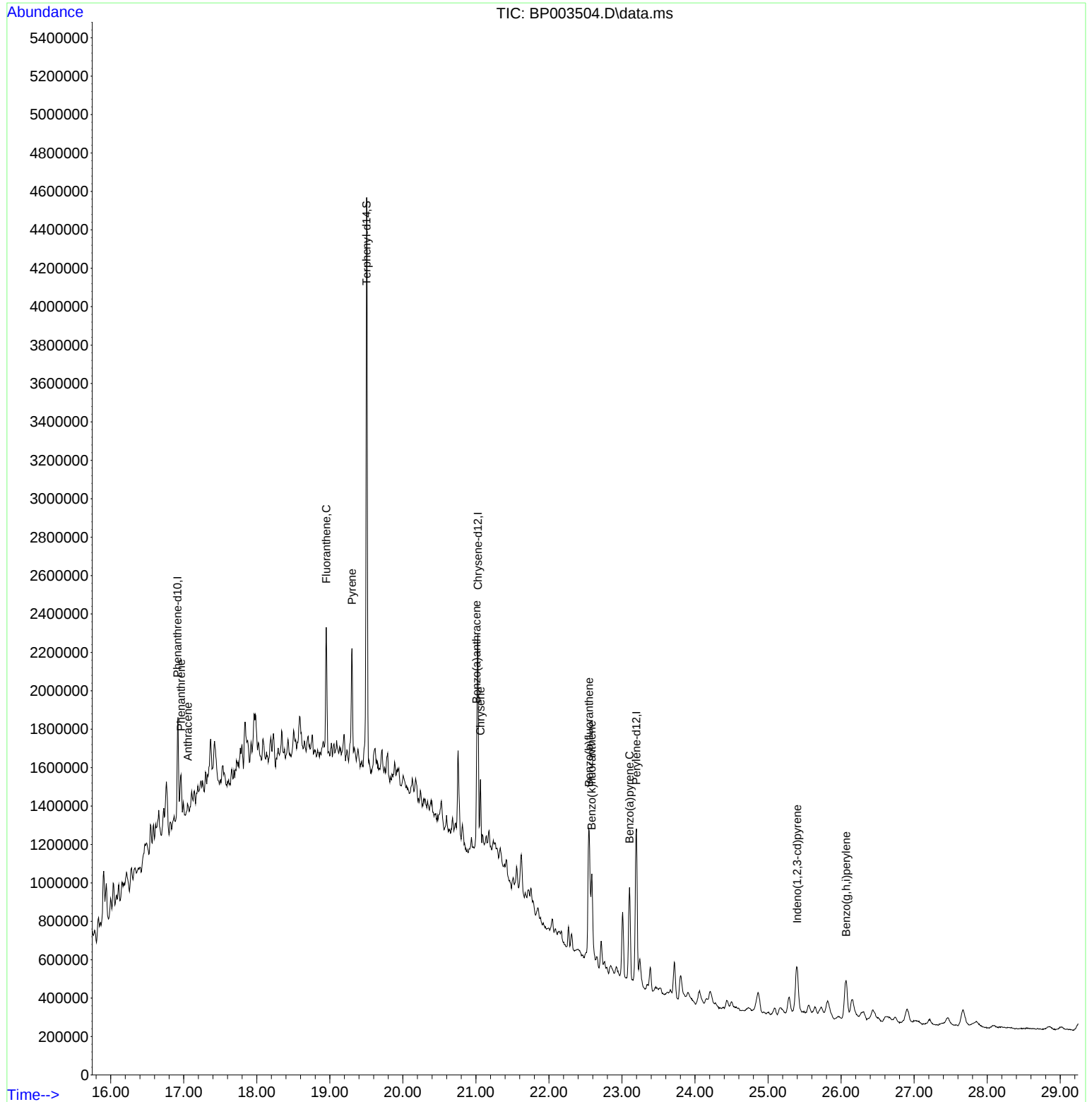
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Data File : BP003504.D
Acq On : 05 Oct 2020 23:01
Operator : CG/JU
Sample : L4230-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

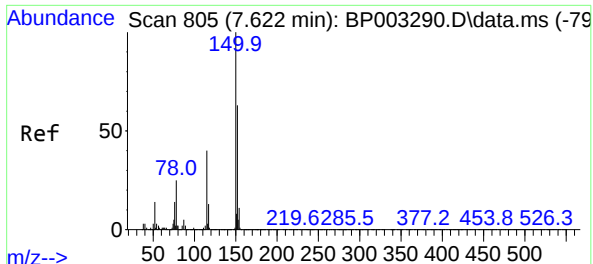
Instrument :
BNA_P
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Manual Integrations
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Quant Time: Oct 06 04:21:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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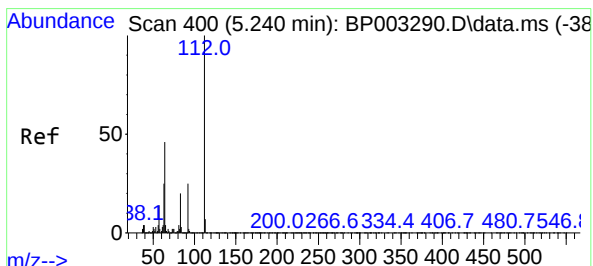
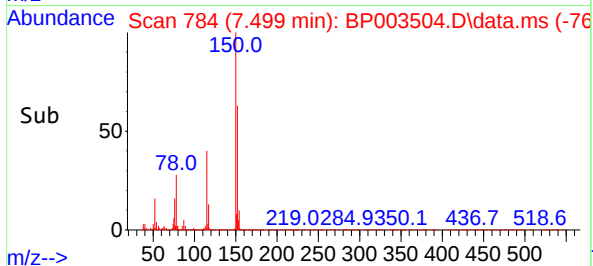
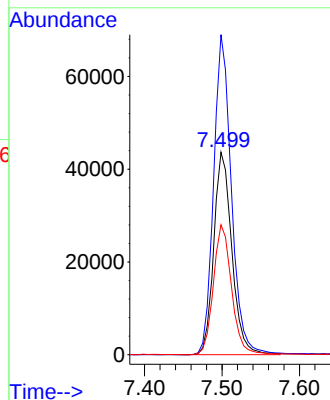
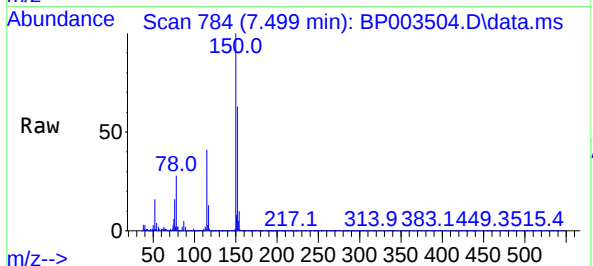
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.001 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

Tgt Ion:152 Resp: 70877
Ion Ratio Lower Upper
152 100
150 158.1 123.8 185.6
115 64.2 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
RBR-29

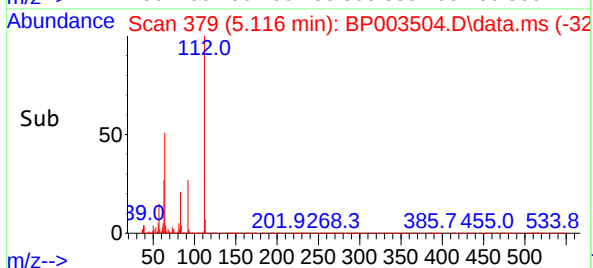
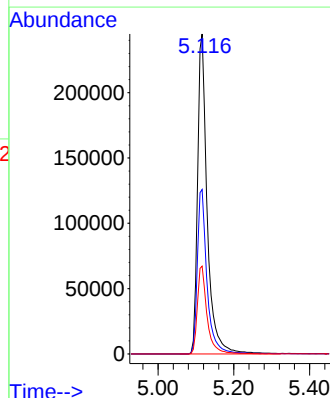
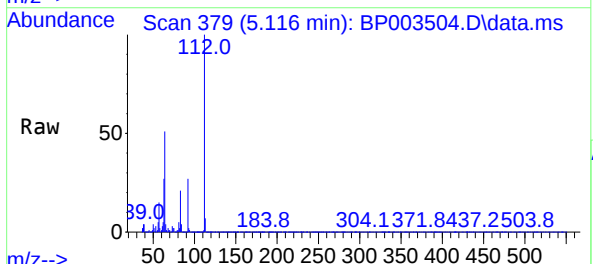
Manual Integrations
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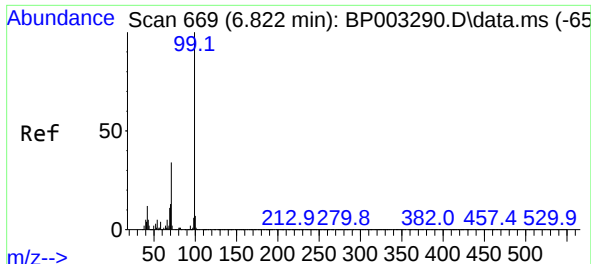
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#5
2-Fluorophenol
Concen: 107.36 ng
RT: 5.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

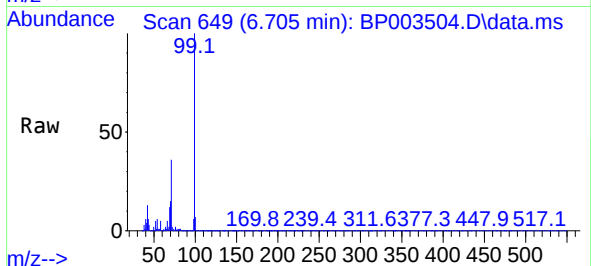
Tgt Ion:112 Resp: 435795
Ion Ratio Lower Upper
112 100
64 51.4 32.8 49.2#
63 27.4 17.0 25.4#





#7
Phenol-d6
Concen: 105.81 ng
RT: 6.705 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

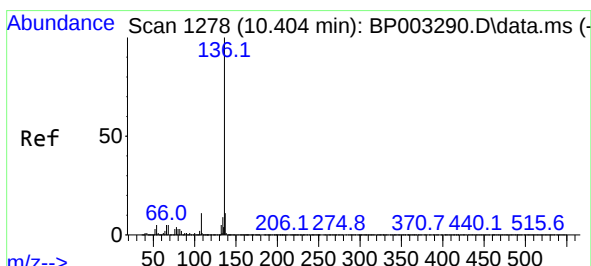
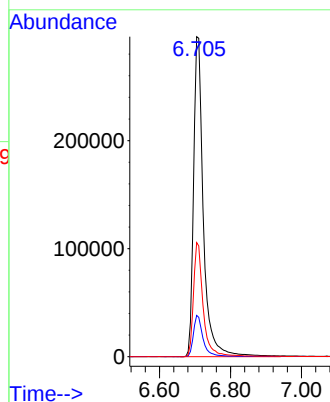
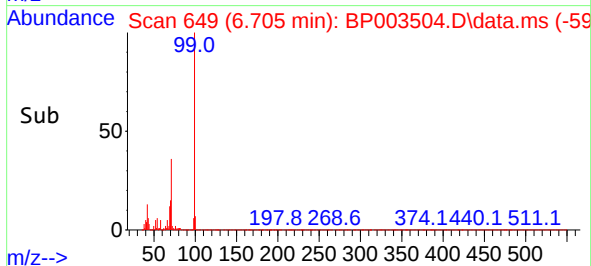
Instrument :
BNA_P
ClientSampled :
RBR-29



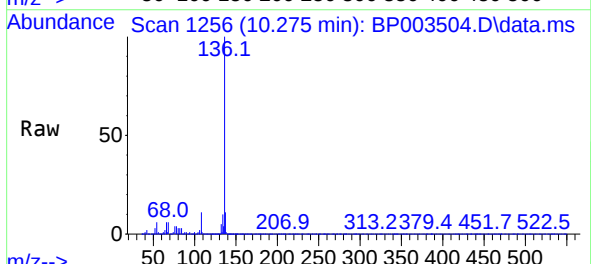
Tgt Ion: 99 Resp: 572450
Ion Ratio Lower Upper
99 100
42 12.9 8.6 13.0
71 35.6 23.4 35.2#

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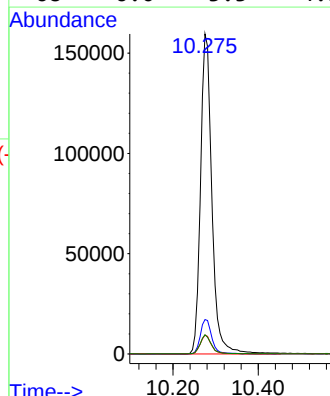
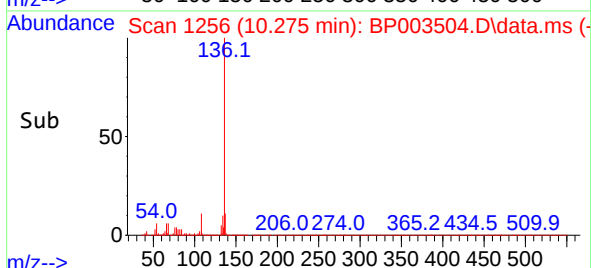
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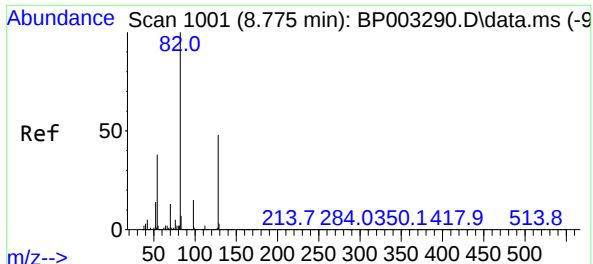


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



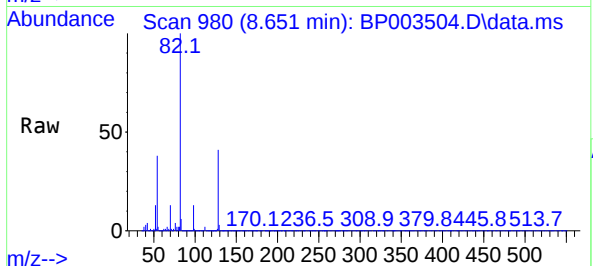
Tgt Ion: 136 Resp: 295377
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.9 3.6 5.4#
68 6.0 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 76.55 ng
RT: 8.651 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

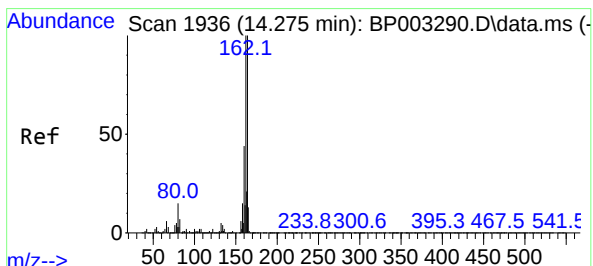
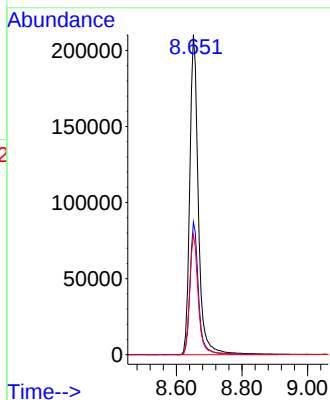
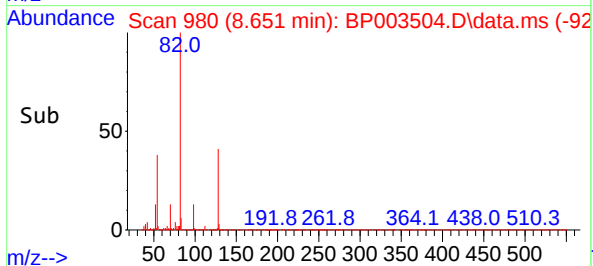
Instrument :
BNA_P
ClientSampled :
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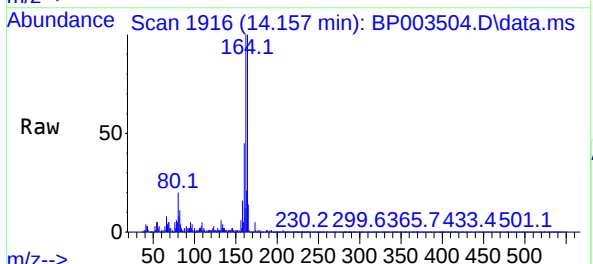
Tgt Ion: 82 Resp: 384888
Ion Ratio Lower Upper
82 100
128 41.4 45.6 68.4#
54 37.5 30.1 45.1

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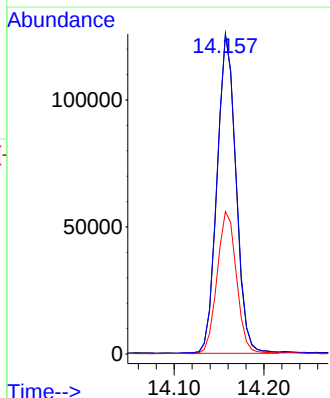
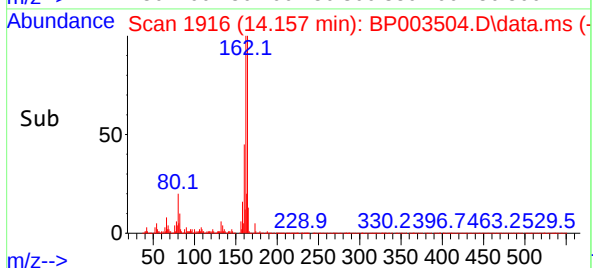
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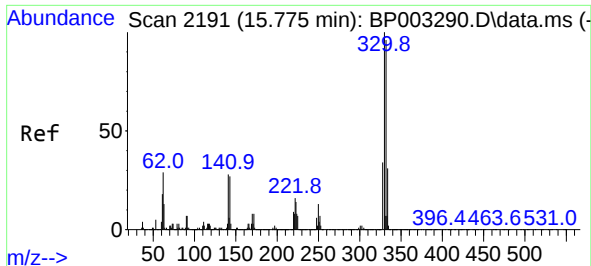


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.157 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



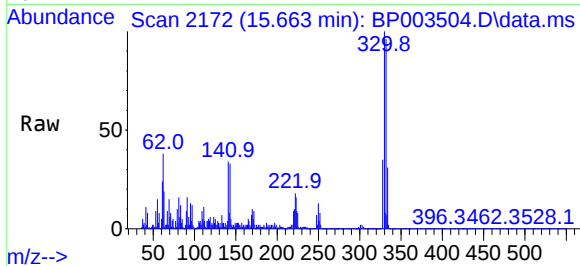
Tgt Ion: 164 Resp: 182961
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 44.6 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 80.88 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

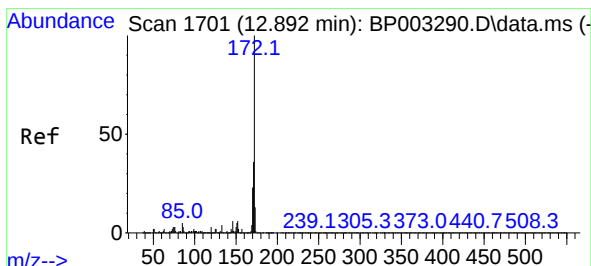
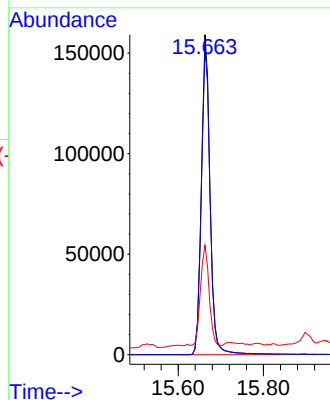
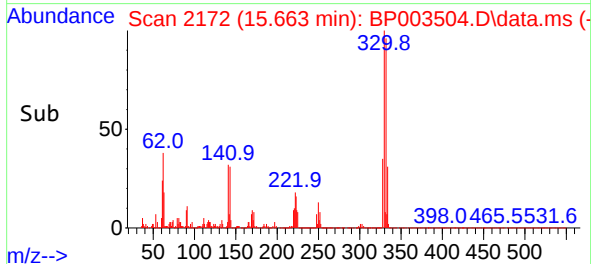
Instrument :
BNA_P
ClientSampled :
RBR-29



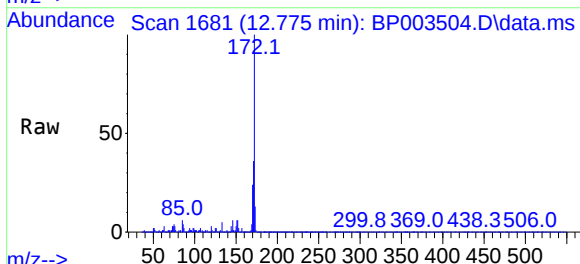
Tgt Ion:330 Resp: 225692
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.1 23.4 35.2

Manual Integrations
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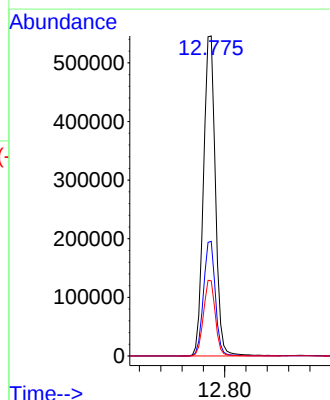
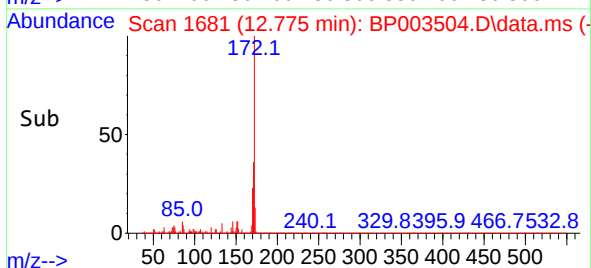
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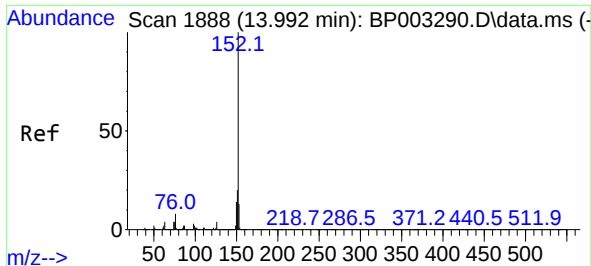


#45
2-Fluorobiphenyl
Concen: 67.85 ng
RT: 12.775 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



Tgt Ion:172 Resp: 848833
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 19.2 28.8





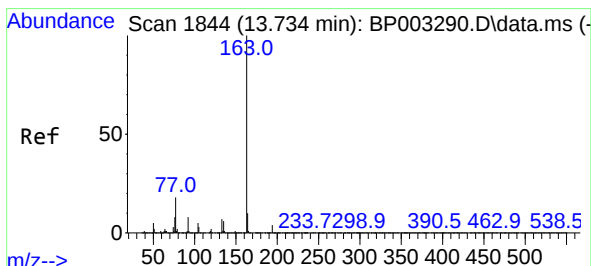
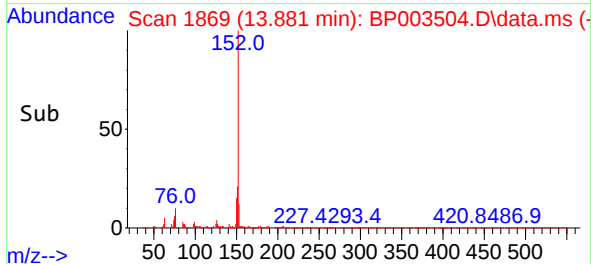
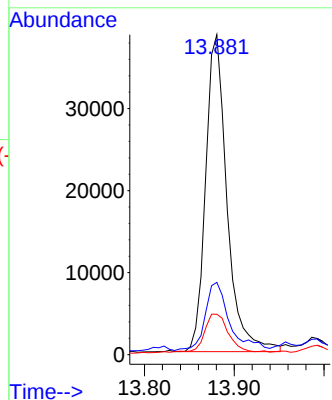
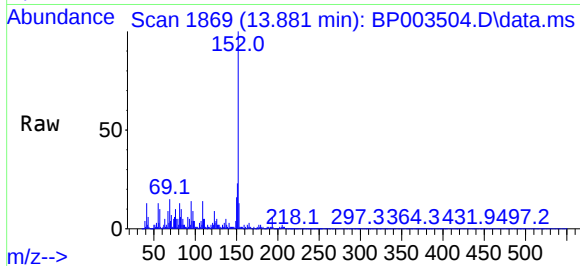
#49
Acenaphthylene
Concen: 3.71 ng
RT: 13.881 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

Tgt Ion:	152	Resp:	64124
Ion Ratio	Lower	Upper	
152	100		
151	22.6	15.9	23.9
153	12.7	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
RBR-29

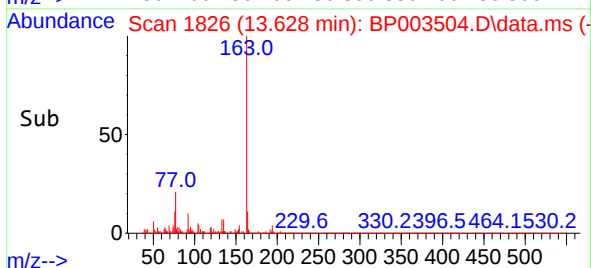
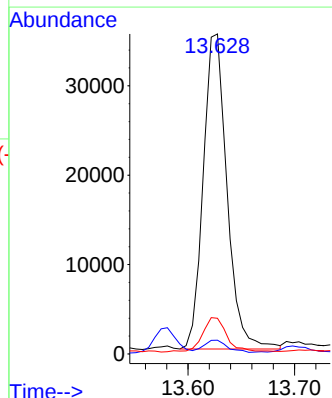
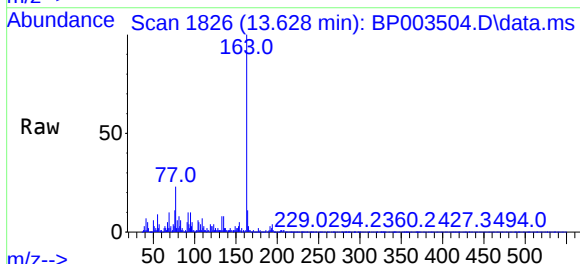
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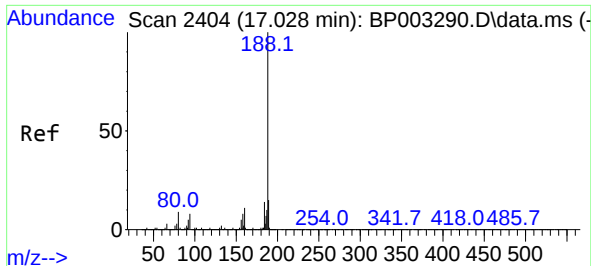
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#50
Dimethylphthalate
Concen: 3.74 ng
RT: 13.628 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

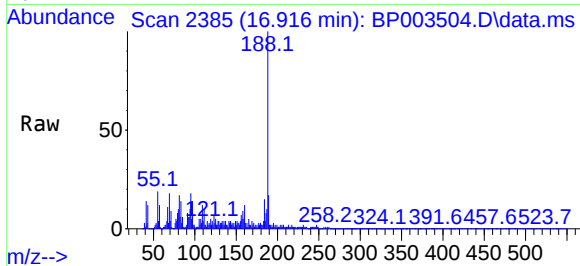
Tgt Ion:	163	Resp:	54707
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	11.2	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.916 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

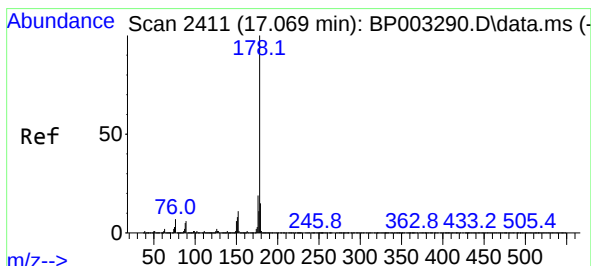
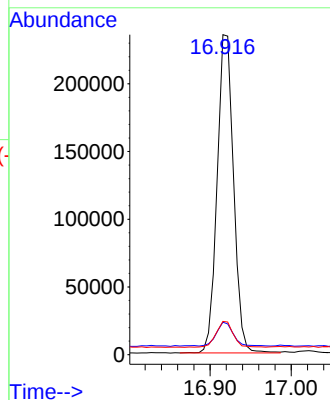
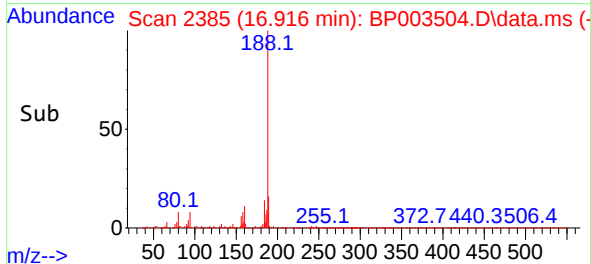
Instrument :
BNA_P
ClientSampled :
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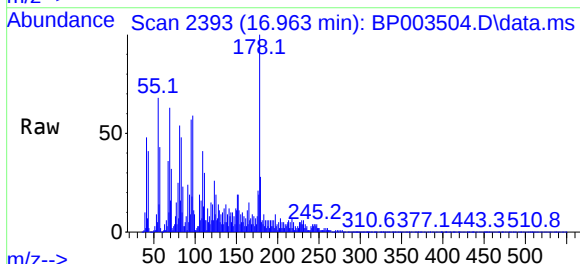
Tgt Ion:188 Resp: 332016
Ion Ratio Lower Upper
188 100
94 10.1 6.2 9.2#
80 10.4 6.2 9.2#

Manual Integrations
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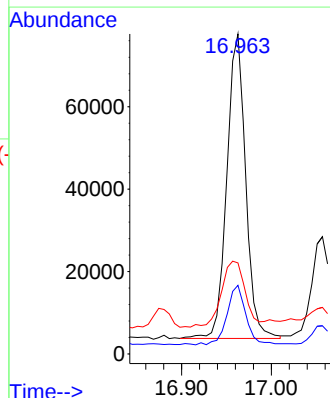
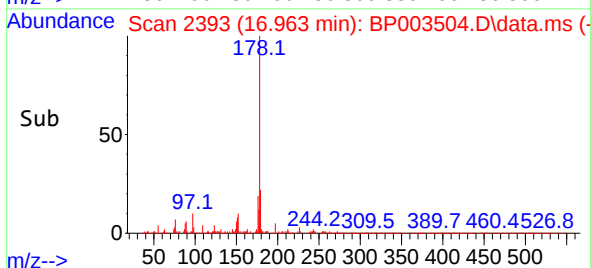
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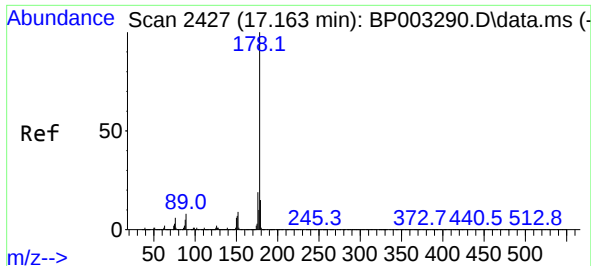


#71
Phenanthrene
Concen: 5.96 ng
RT: 16.963 min Scan# 2393
Delta R.T. 0.006 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



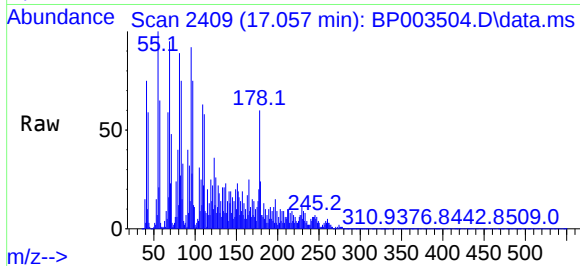
Tgt Ion:178 Resp: 107623
Ion Ratio Lower Upper
178 100
176 21.5 15.3 22.9
179 28.5 12.5 18.7#





#72
 Anthracene
 Concen: 2.01 ng
 RT: 17.057 min Scan# 2409
 Delta R.T. 0.006 min
 Lab File: BP003504.D
 Acq: 05 Oct 2020 23:01

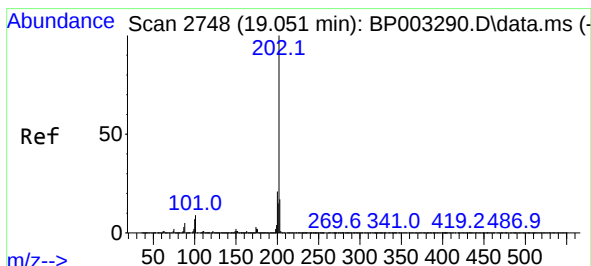
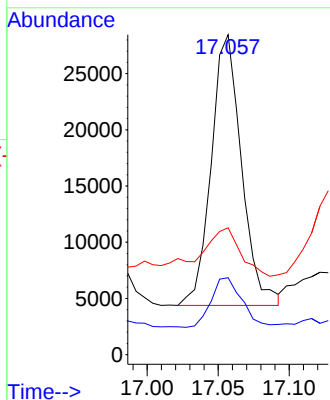
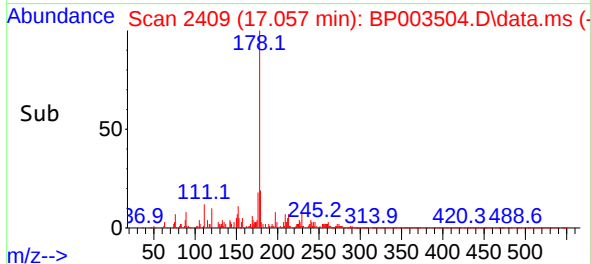
Instrument :
 BNA_P
 ClientSampled :
 RBR-29



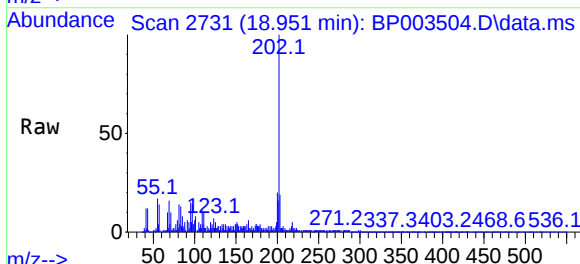
Tgt Ion:178 Resp: 35781
 Ion Ratio Lower Upper
 178 100
 176 24.1 15.0 22.4#
 179 39.6 12.5 18.7#

Manual Integrations
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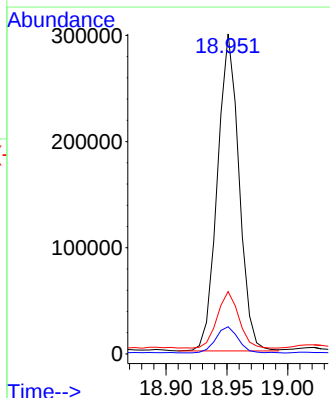
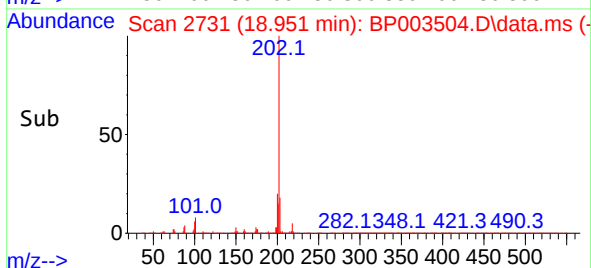
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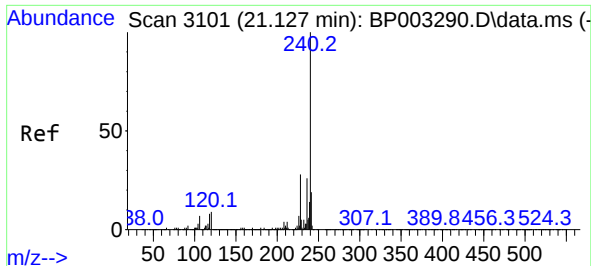


#75
 Fluoranthene
 Concen: 16.22 ng
 RT: 18.951 min Scan# 2731
 Delta R.T. 0.006 min
 Lab File: BP003504.D
 Acq: 05 Oct 2020 23:01



Tgt Ion:202 Resp: 368482
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 29.4
 203 19.5 0.0 37.8





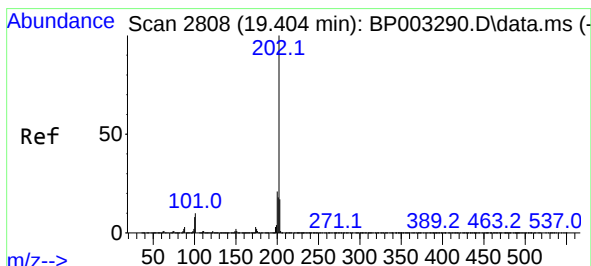
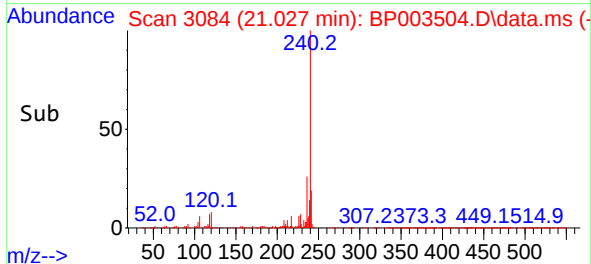
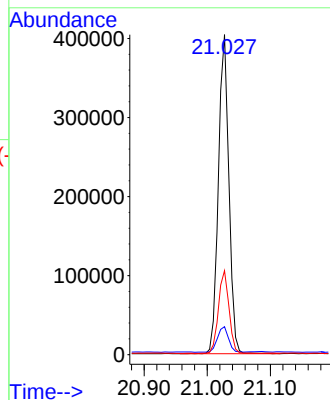
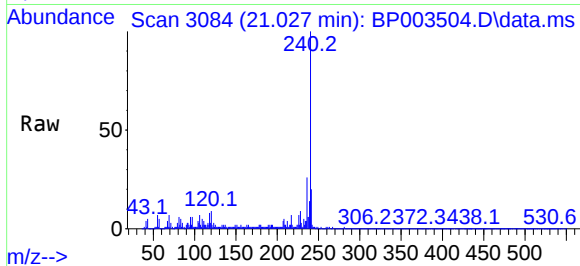
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

Tgt Ion:240 Resp: 464704
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 26.3 20.8 31.2

Instrument :
BNA_P
ClientSampled :
RBR-29

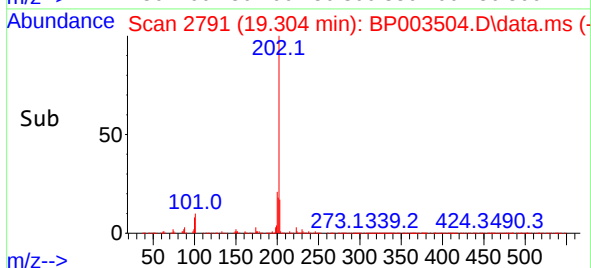
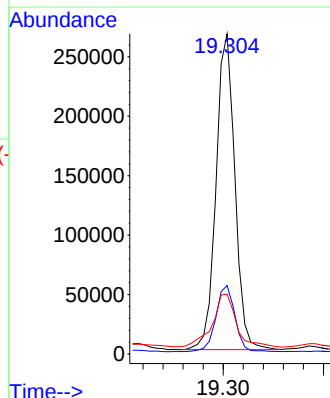
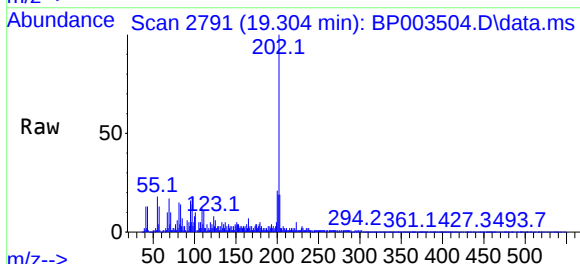
Manual Integrations
APPROVED

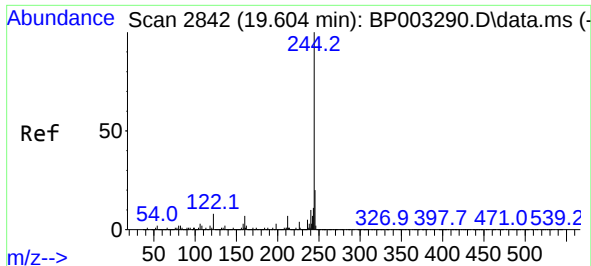
mohammad
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#78
Pyrene
Concen: 11.92 ng
RT: 19.304 min Scan# 2791
Delta R.T. 0.006 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

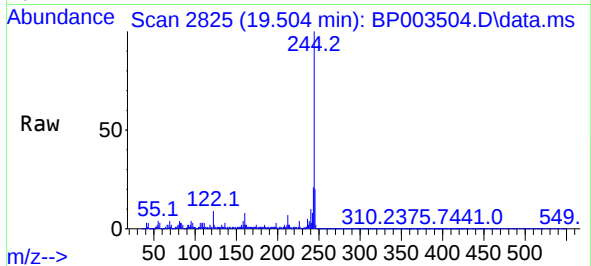
Tgt Ion:202 Resp: 345406
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.7 14.2 21.2





#79
Terphenyl-d14
Concen: 58.07 ng
RT: 19.504 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

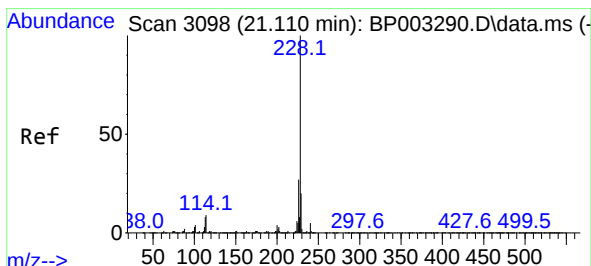
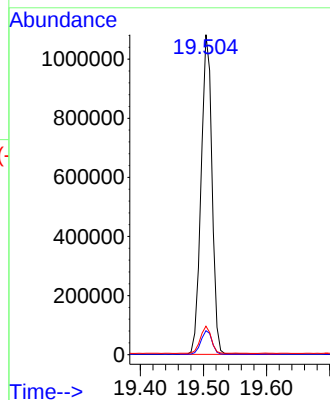
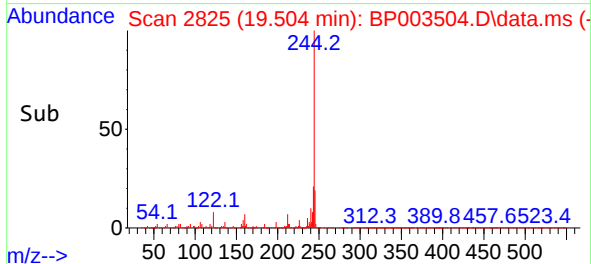
Instrument :
BNA_P
ClientSampled :
RBR-29



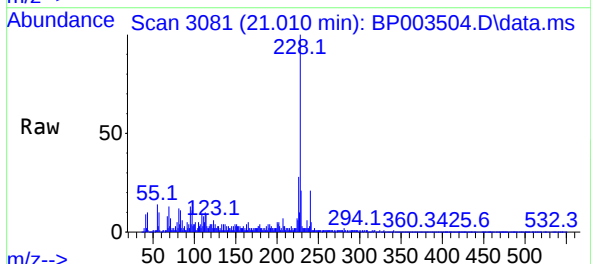
Tgt Ion:244 Resp: 1295078
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.9 7.8 11.8

Manual Integrations
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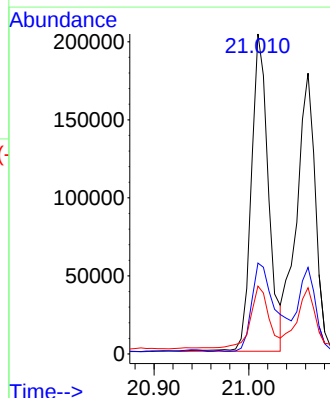
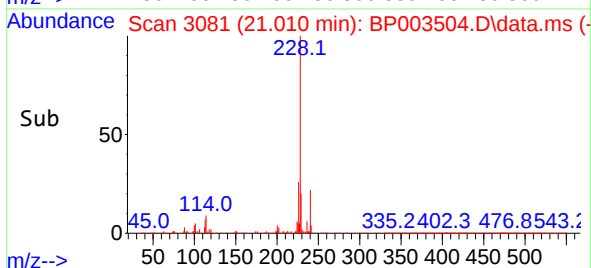
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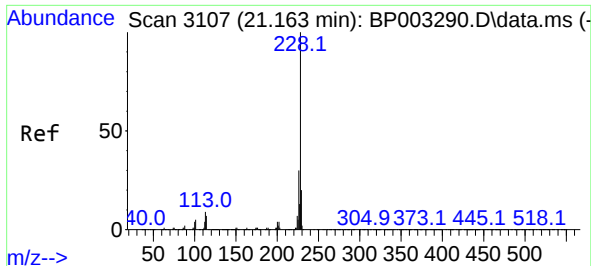


#81
Benzo(a)anthracene
Concen: 8.52 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

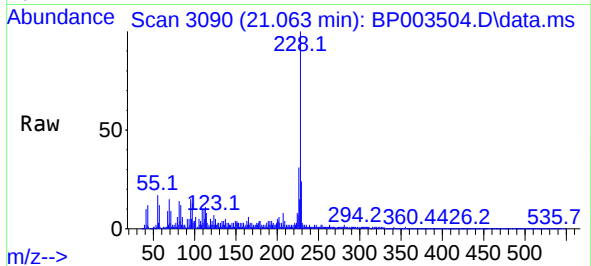


Tgt Ion:228 Resp: 255847
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 21.2 15.9 23.9

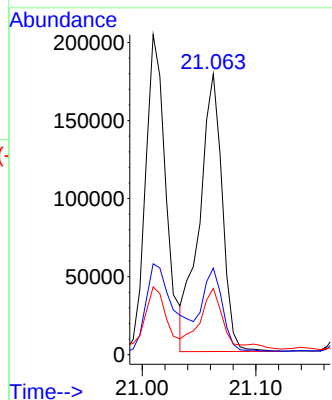




#83
Chrysene
Concen: 8.60 ng
RT: 21.063 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



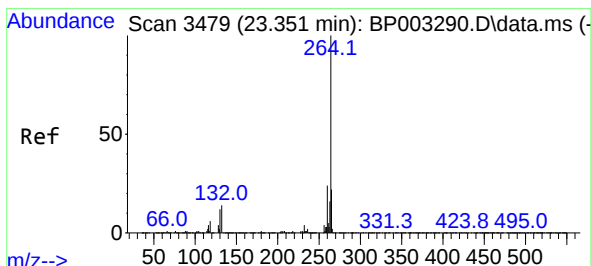
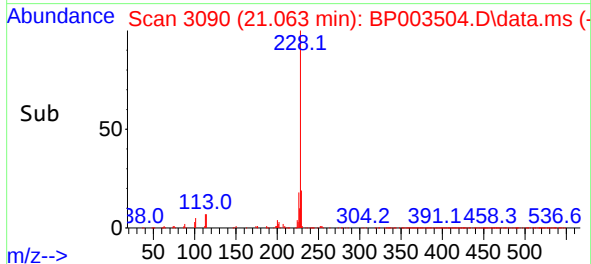
Tgt Ion:228 Resp: 248067
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 23.6 15.8 23.6



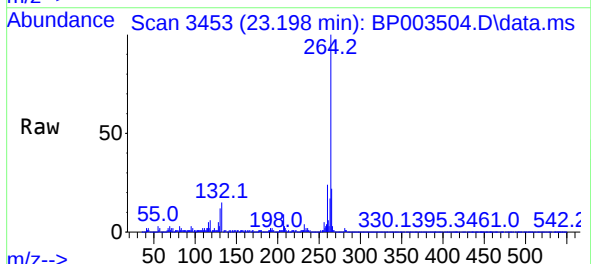
Instrument :
BNA_P
ClientSampled :
RBR-29

Manual Integrations
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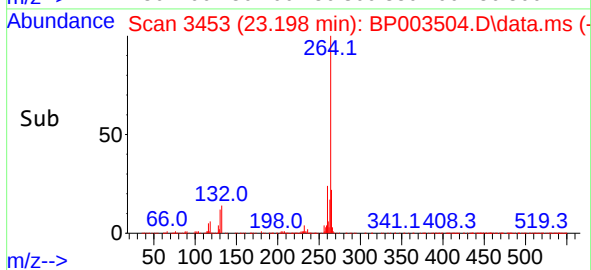
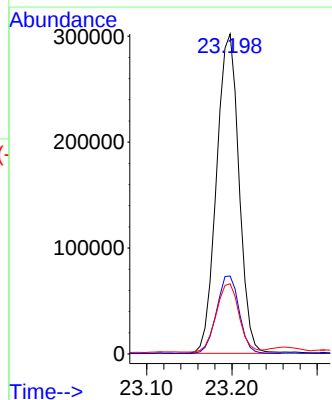
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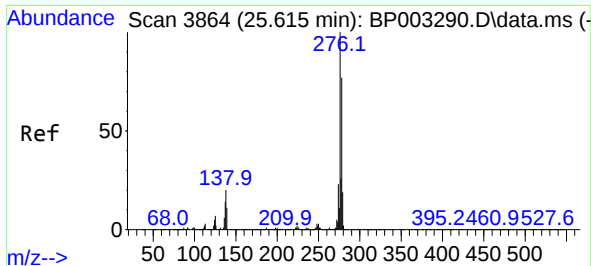


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.198 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

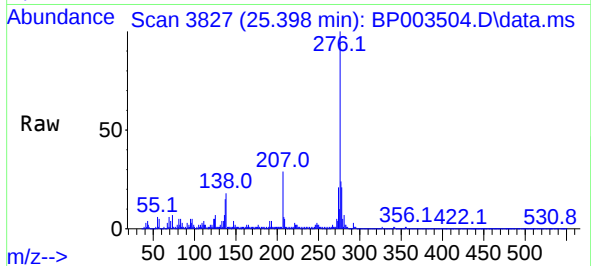


Tgt Ion:264 Resp: 552180
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.0 17.4 26.2

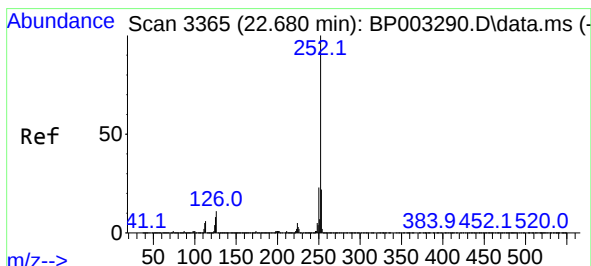
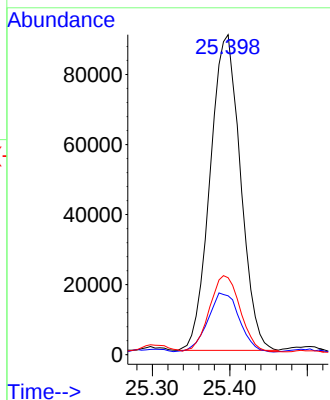
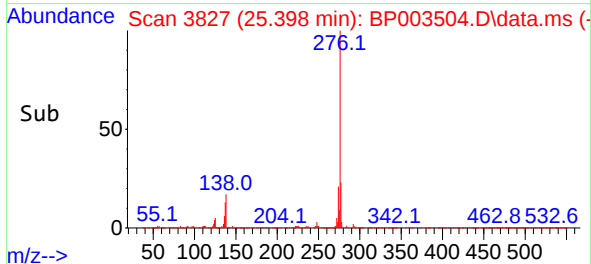




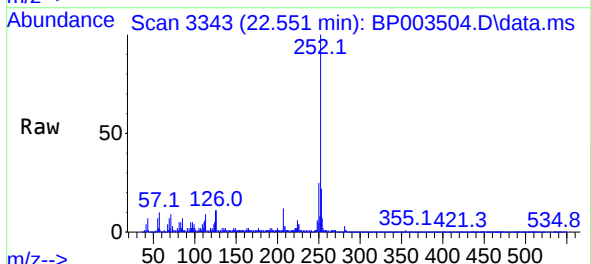
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.86 ng
RT: 25.398 min Scan# 3827
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



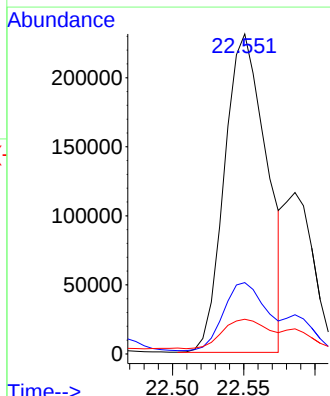
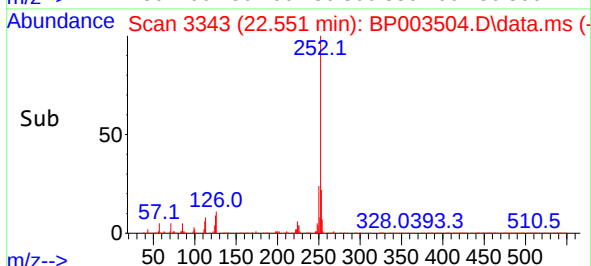
Tgt Ion: 276 Resp: 245261
Ion Ratio Lower Upper
276 100
138 19.6 18.7 28.1
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 13.59 ng m
RT: 22.551 min Scan# 3343
Delta R.T. 0.006 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



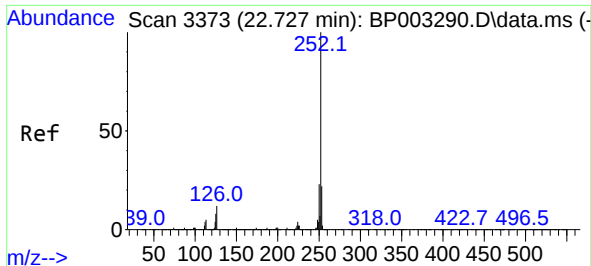
Tgt Ion: 252 Resp: 473705
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.9 7.3 10.9



Instrument :
BNA_P
ClientSampled :
RBR-29

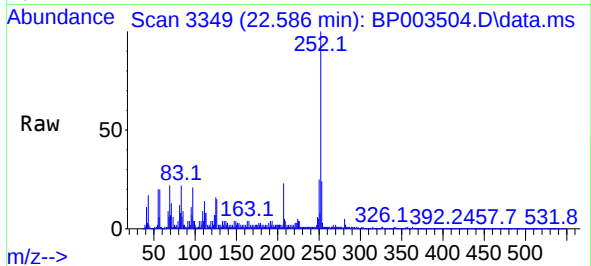
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#89
Benzo(k)fluoranthene
Concen: 4.91 ng m
RT: 22.586 min Scan# 3349
Delta R.T. -0.006 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

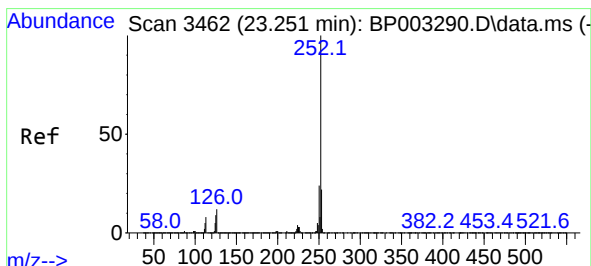
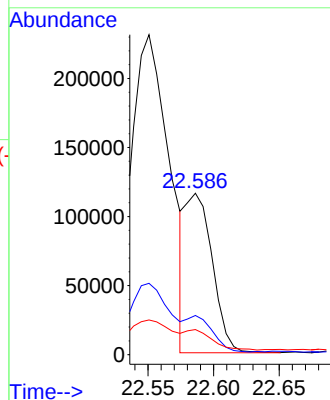
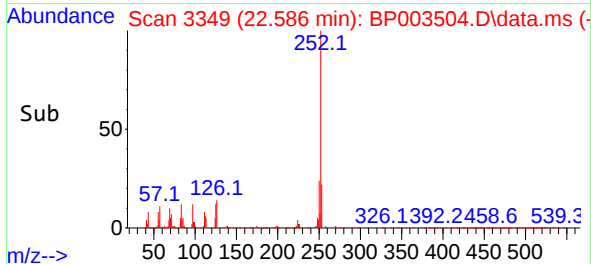
Instrument :
BNA_P
ClientSampled :
RBR-29



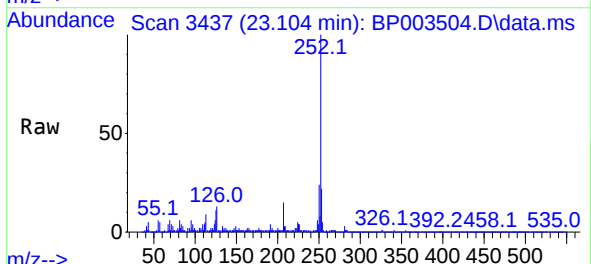
Tgt Ion:252 Resp: 164019
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 15.5 7.4 11.2#

Manual Integrations
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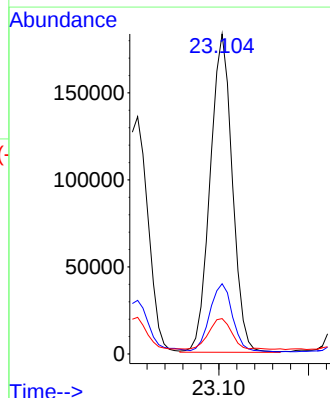
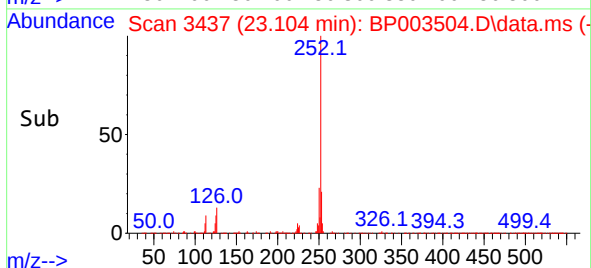
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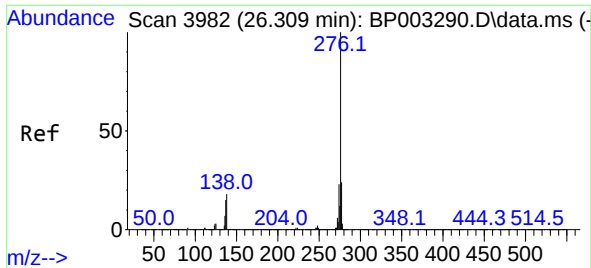


#90
Benzo(a)pyrene
Concen: 9.53 ng
RT: 23.104 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01



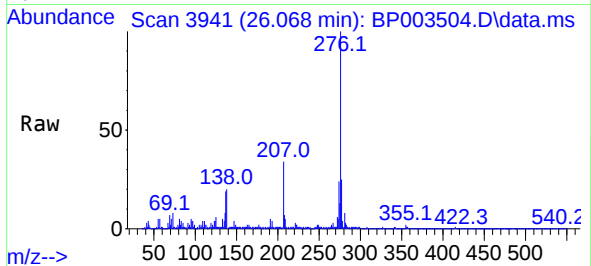
Tgt Ion:252 Resp: 313508
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.0 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 6.98 ng
RT: 26.068 min Scan# 3941
Delta R.T. 0.000 min
Lab File: BP003504.D
Acq: 05 Oct 2020 23:01

Instrument :
BNA_P
ClientSampleId :
RBR-29



Tgt Ion:276 Resp: 240685
Ion Ratio Lower Upper
276 100
277 24.9 19.0 28.6
138 19.7 16.6 24.8

Manual Integrations
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