

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003417.D
 Acq On : 30 Sep 2020 17:13
 Operator : CG/JU
 Sample : L4179-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-9(7-9)

Manual Integrations
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Quant Time: Sep 30 17:52:29 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 30 17:14:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	148489	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	604916	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	374993	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	803950	20.00	ng	# 0.00
76) Chrysene-d12	21.057	240	716936	20.00	ng	0.00
86) Perylene-d12	23.263	264	647545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.152	112	366218	43.07	ng	0.00
7) Phenol-d6	6.740	99	514973	45.43	ng	0.00
23) Nitrobenzene-d5	8.687	82	340595	33.08	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	189012	33.05	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	809936	31.59	ng	0.00
79) Terphenyl-d14	19.533	244	1175477	34.16	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.657	163	115091	3.84	ng	100
71) Phenanthrene	16.992	178	396029	9.05	ng	99
72) Anthracene	17.086	178	90072	2.09	ng	99
75) Fluoranthene	18.975	202	695099	12.64	ng	98
78) Pyrene	19.327	202	610081	13.64	ng	100
81) Benzo(a)anthracene	21.039	228	308182	6.65	ng	98
83) Chrysene	21.092	228	270148	6.07	ng	97
87) Indeno(1,2,3-cd)pyrene	25.539	276	157694	3.21	ng	# 93
88) Benzo(b)fluoranthene	22.598	252	338257m	8.27	ng	
89) Benzo(k)fluoranthene	22.633	252	98310m	2.51	ng	
90) Benzo(a)pyrene	23.163	252	233979	6.07	ng	96
92) Benzo(g,h,i)perylene	26.233	276	164514	4.07	ng	96

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

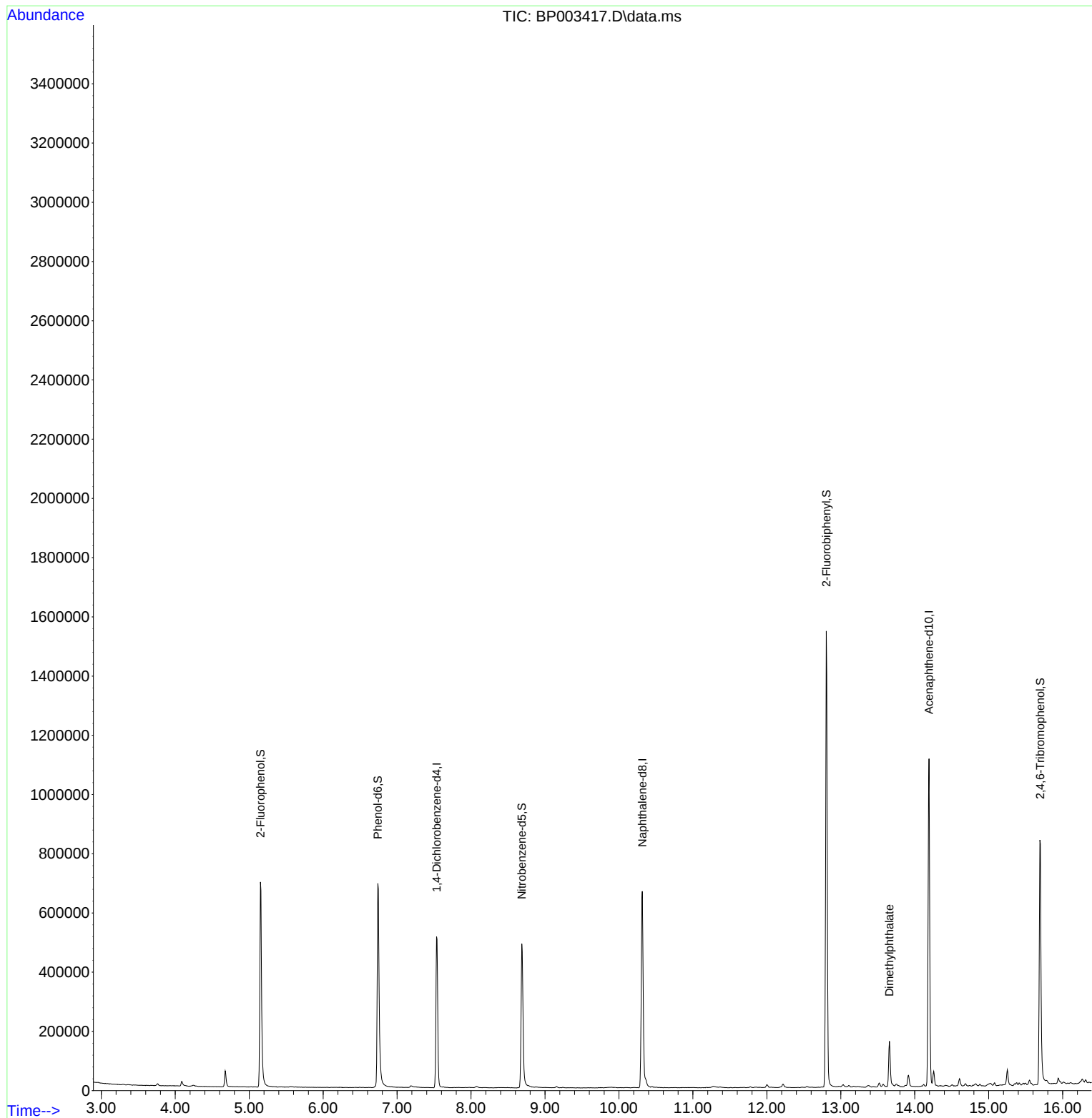
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Data File : BP003417.D
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Operator : CG/JU
Sample : L4179-02
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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QLast Update : Wed Sep 30 17:14:02 2020
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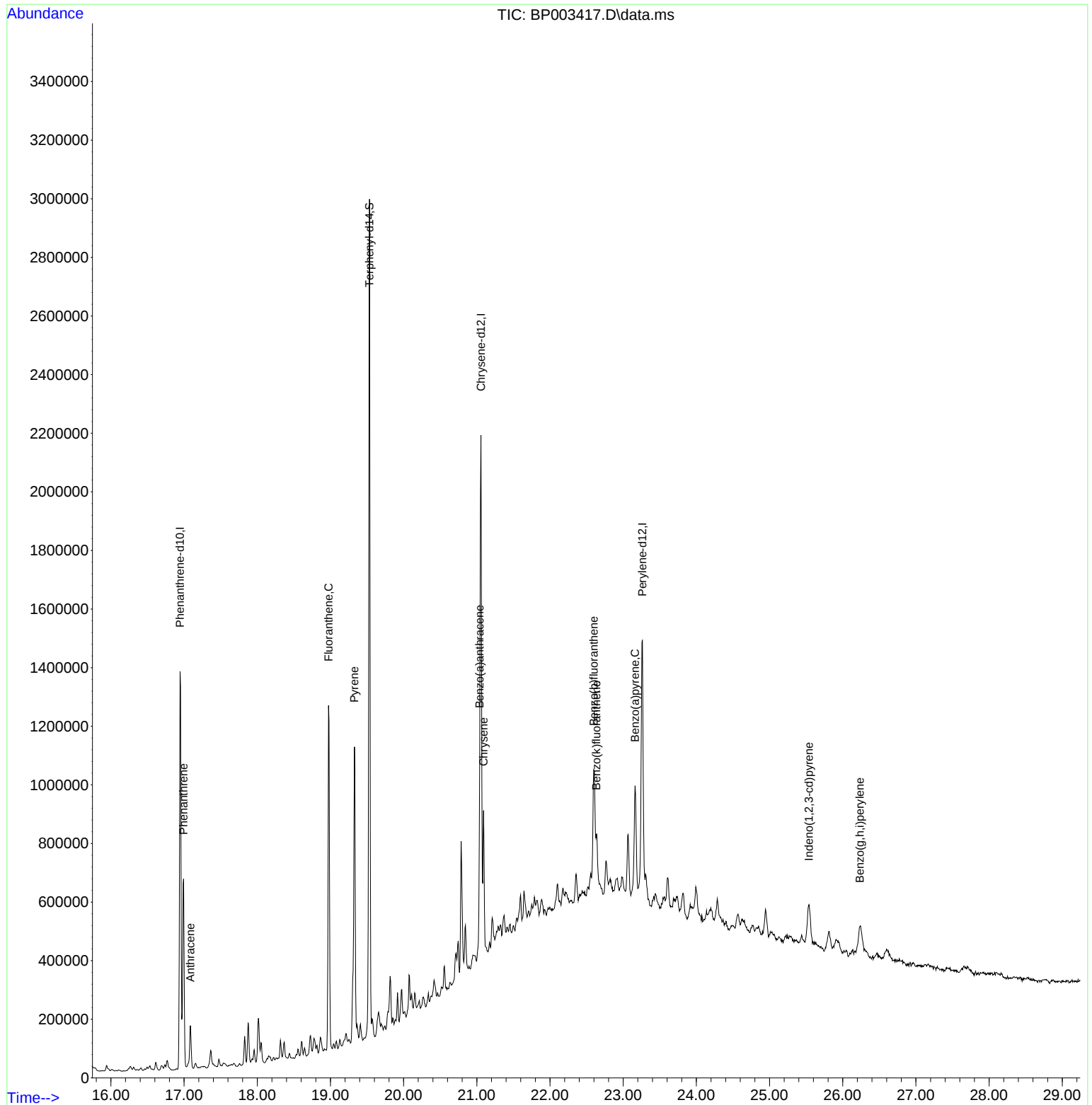
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Data File : BP003417.D
Acq On : 30 Sep 2020 17:13
Operator : CG/JU
Sample : L4179-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

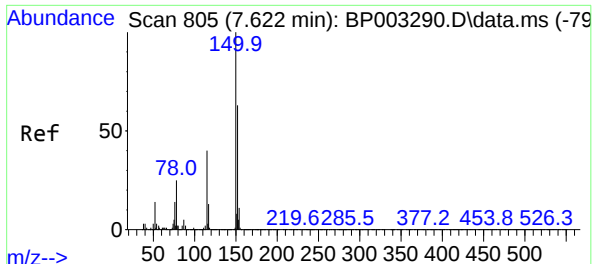
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

Manual Integrations
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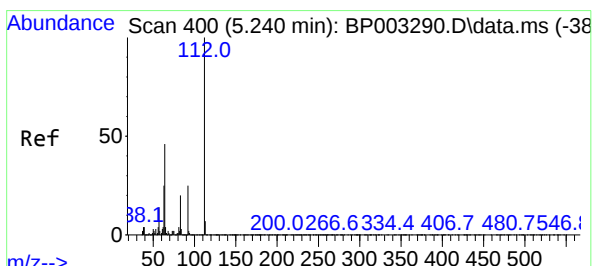
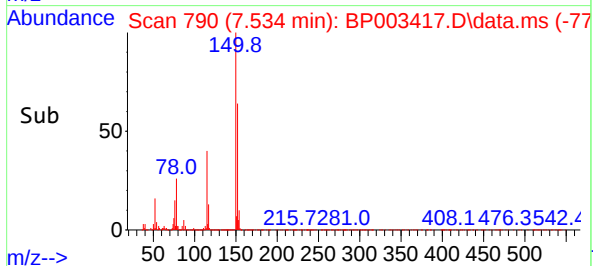
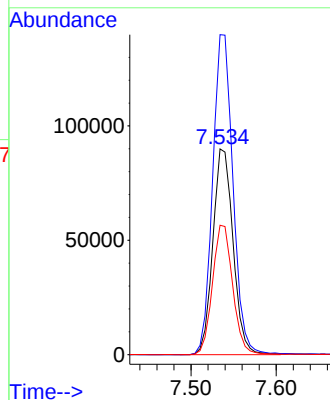
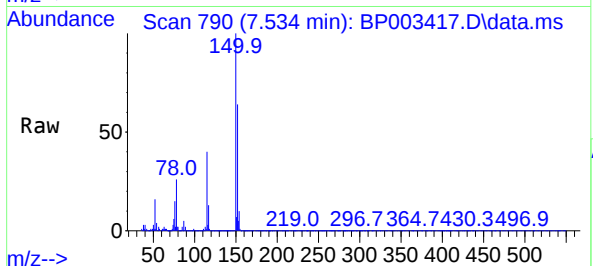
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.534 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion:152 Resp: 148489
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 62.9 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

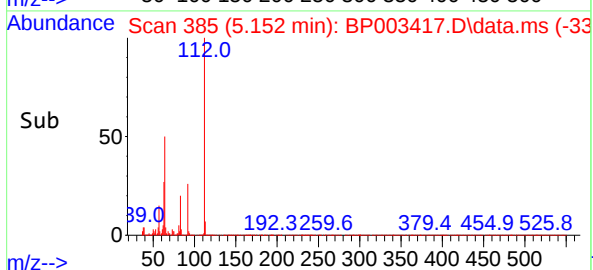
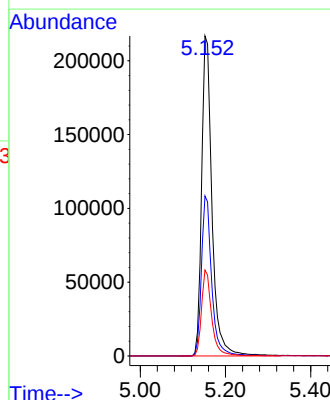
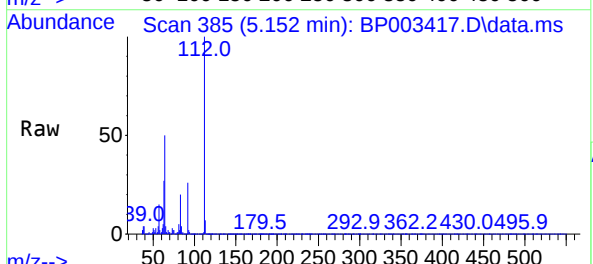
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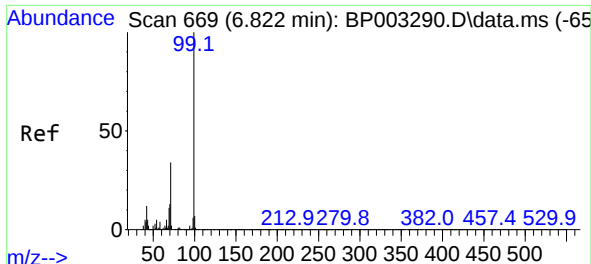
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#5
2-Fluorophenol
Concen: 43.07 ng
RT: 5.152 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

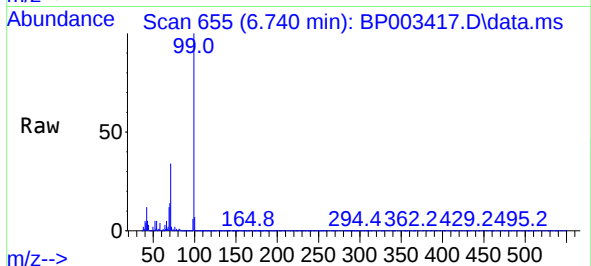
Tgt Ion:112 Resp: 366218
Ion Ratio Lower Upper
112 100
64 50.0 32.8 49.2#
63 26.9 17.0 25.4#





#7
Phenol-d6
Concen: 45.43 ng
RT: 6.740 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

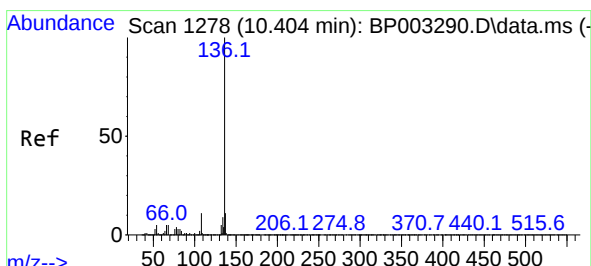
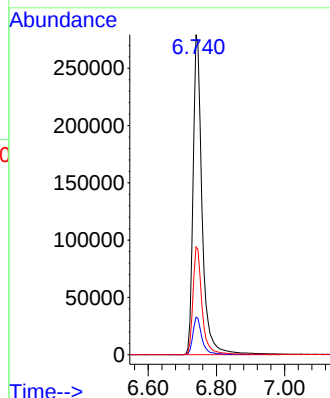
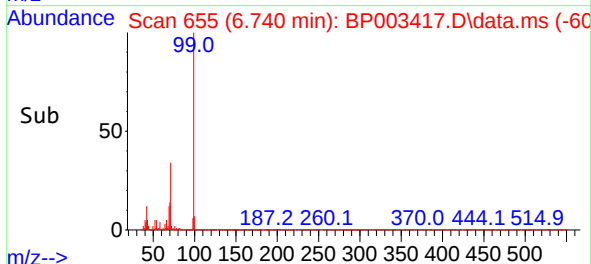
Instrument :
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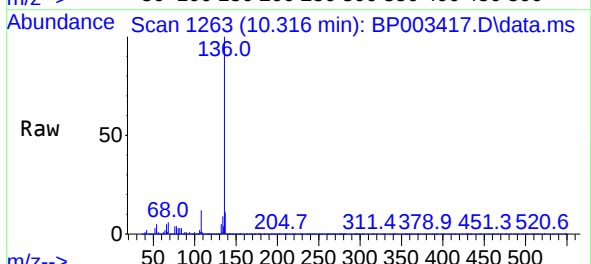
Tgt Ion: 99 Resp: 514973
Ion Ratio Lower Upper
99 100
42 11.8 8.6 13.0
71 33.7 23.4 35.2

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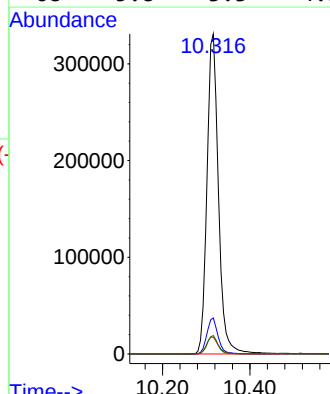
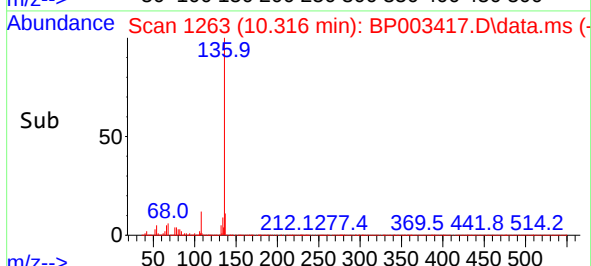
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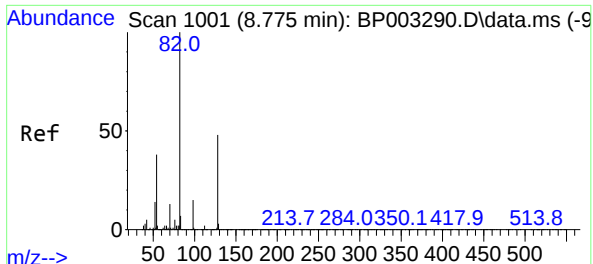


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



Tgt Ion: 136 Resp: 604916
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.2 3.6 5.4
68 5.8 3.3 4.9





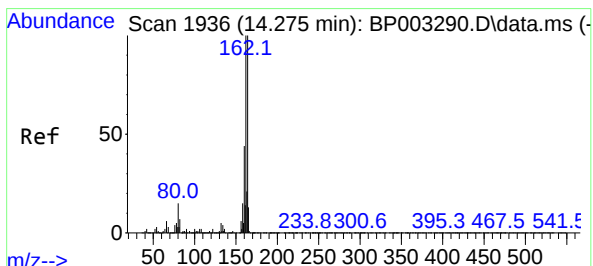
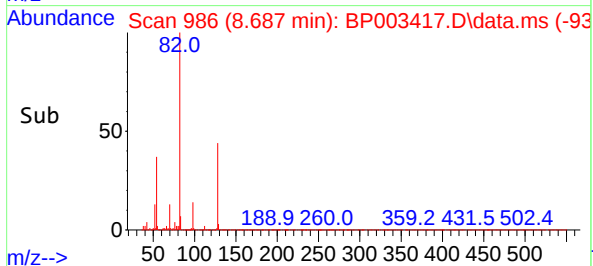
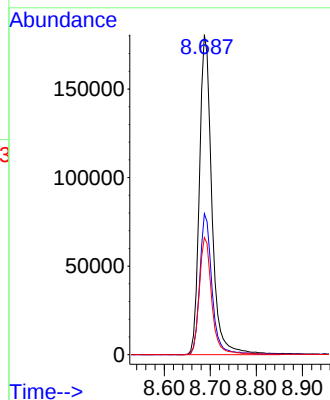
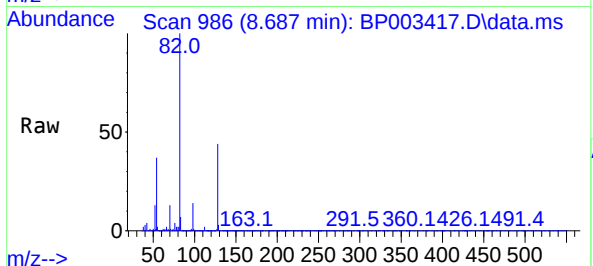
#23
Nitrobenzene-d5
Concen: 33.08 ng
RT: 8.687 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion: 82 Resp: 340595
Ion Ratio Lower Upper
82 100
128 44.0 45.6 68.4#
54 36.6 30.1 45.1

Instrument :
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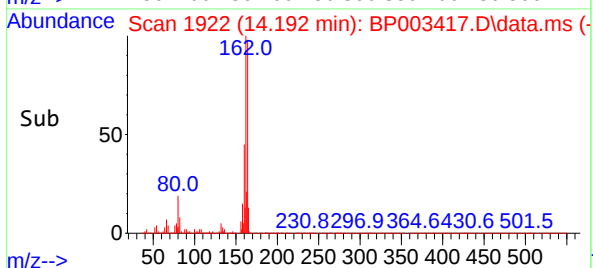
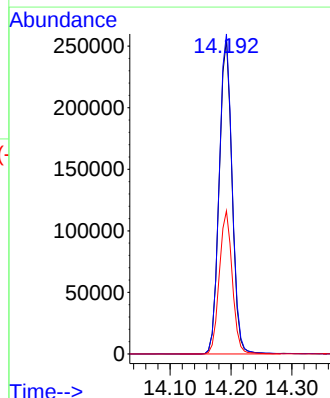
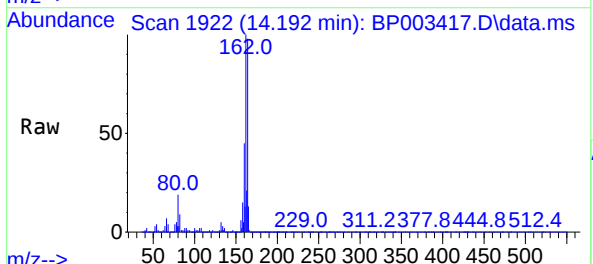
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

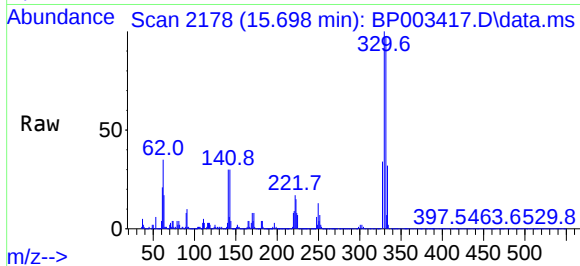
Tgt Ion: 164 Resp: 374993
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 45.4 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 33.05 ng
RT: 15.698 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

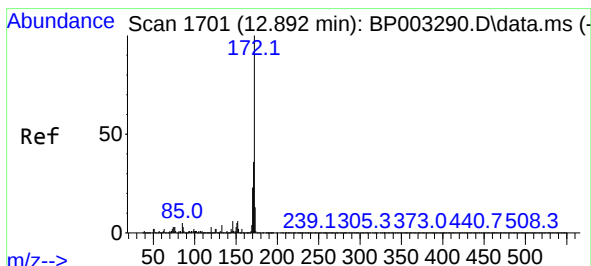
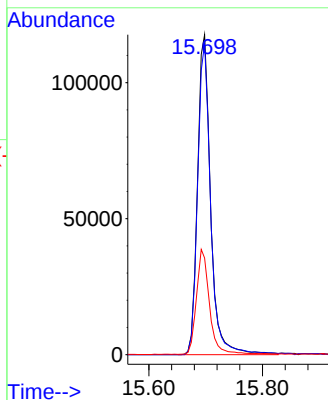
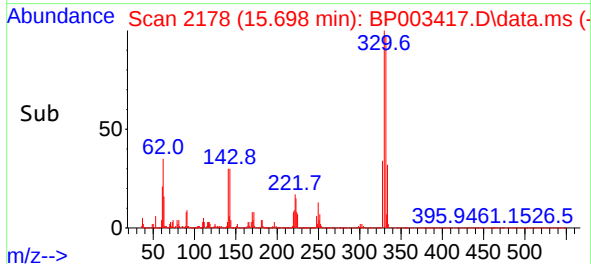
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)



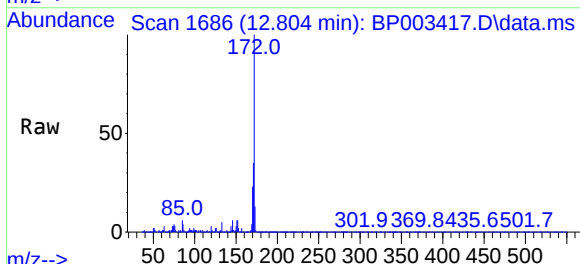
Tgt Ion:330 Resp: 189012
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.6 23.4 35.2

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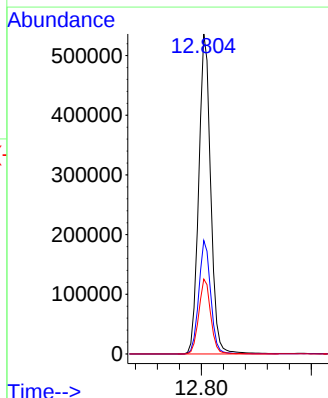
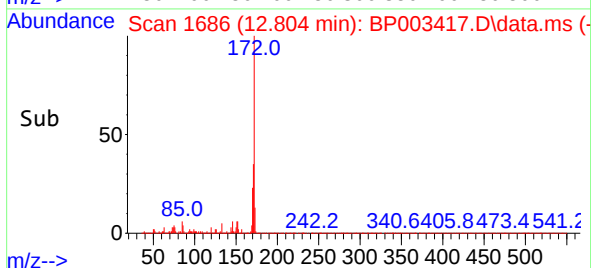
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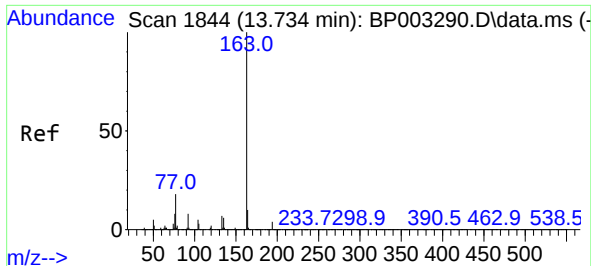


#45
2-Fluorobiphenyl
Concen: 31.59 ng
RT: 12.804 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



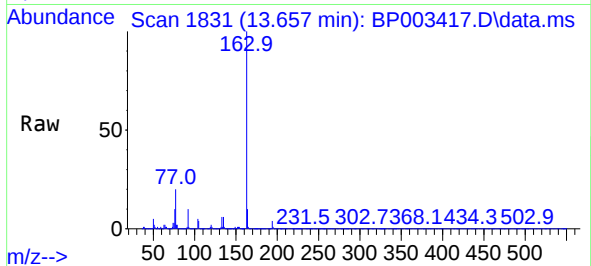
Tgt Ion:172 Resp: 809936
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 19.2 28.8





#50
Dimethylphthalate
Concen: 3.84 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

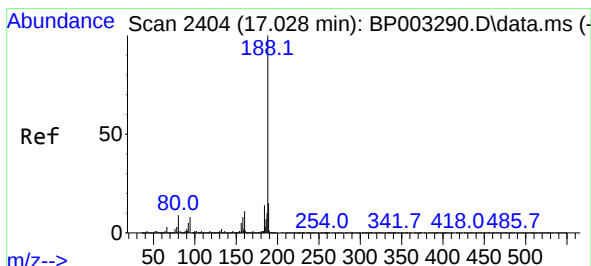
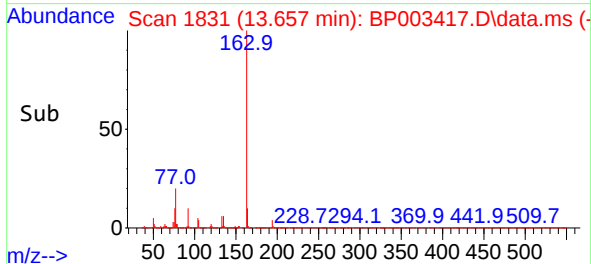
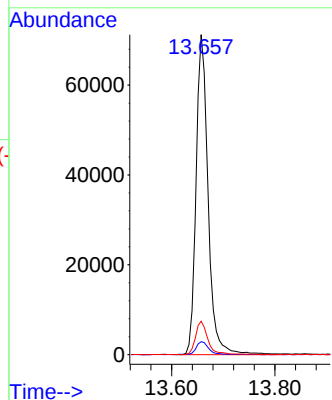
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Tgt Ion:163 Resp: 115091
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.2

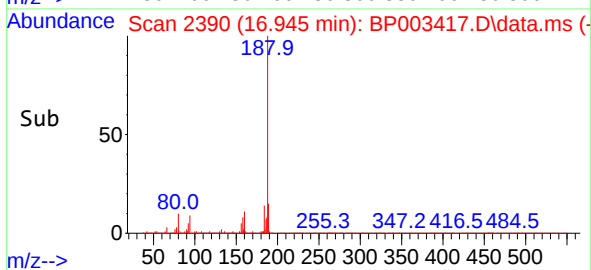
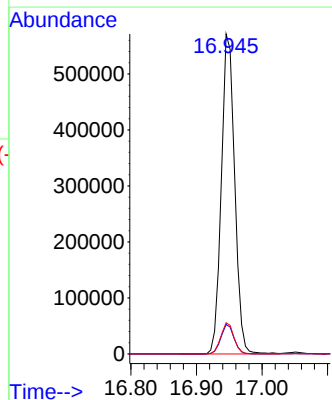
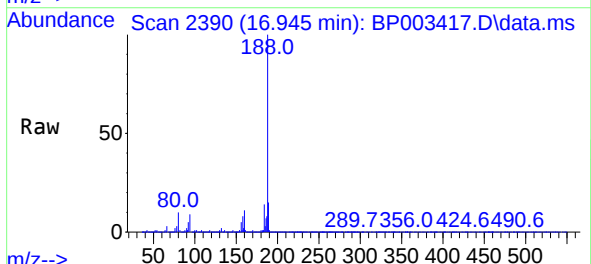
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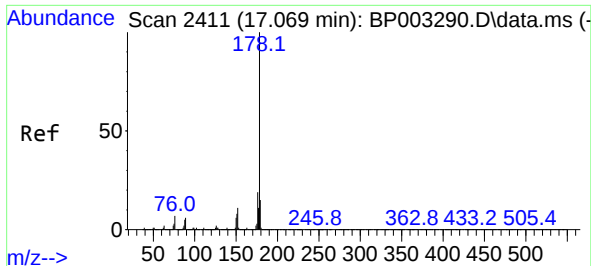
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

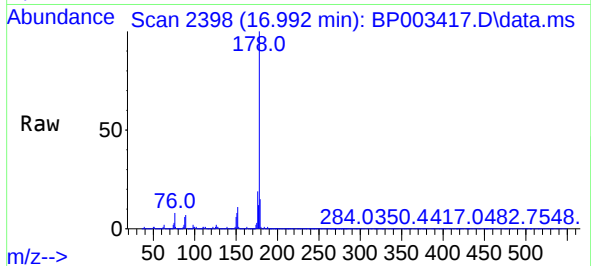
Tgt Ion:188 Resp: 803950
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.8 6.2 9.2#





#71
Phenanthrene
Concen: 9.05 ng
RT: 16.992 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

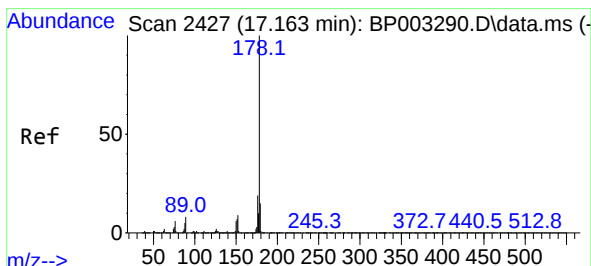
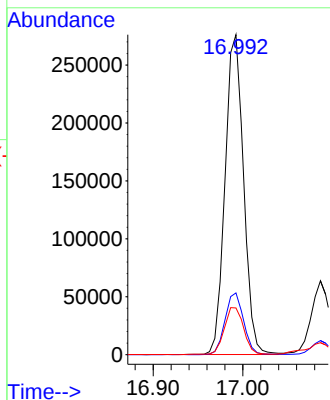
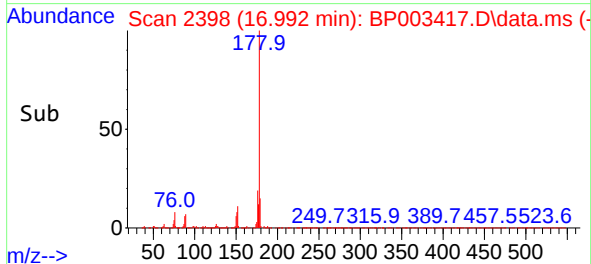
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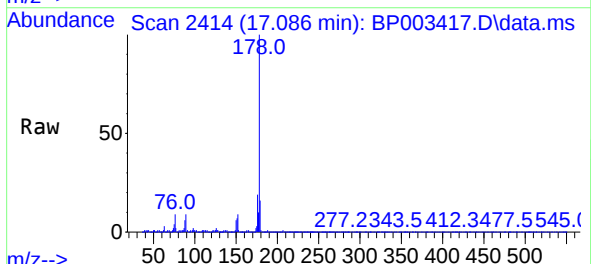
Tgt Ion:178 Resp: 396029
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 14.6 12.5 18.7

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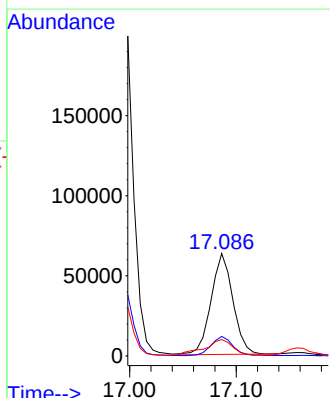
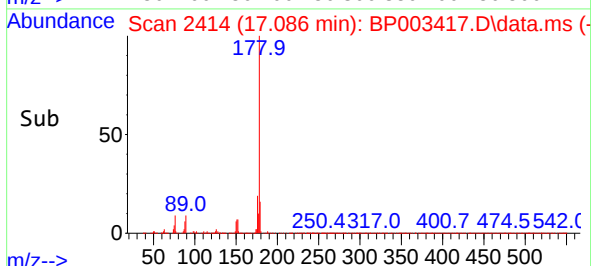
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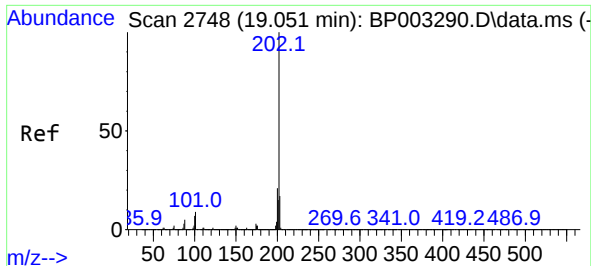


#72
Anthracene
Concen: 2.09 ng
RT: 17.086 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



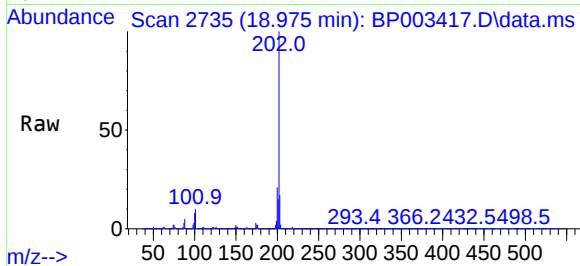
Tgt Ion:178 Resp: 90072
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.1 12.5 18.7





#75
Fluoranthene
Concen: 12.64 ng
RT: 18.975 min Scan# 2735
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

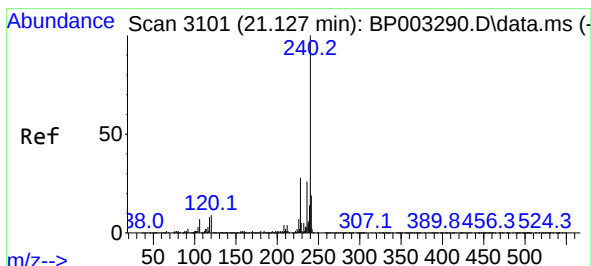
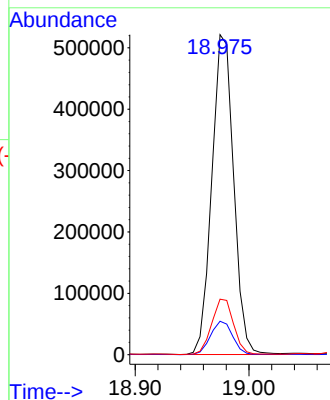
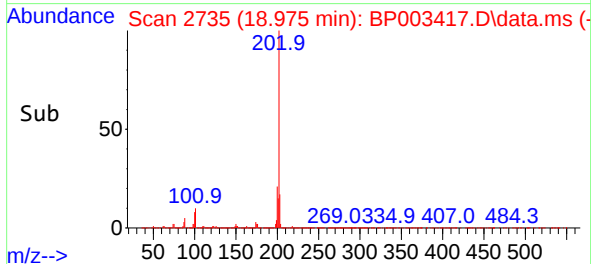
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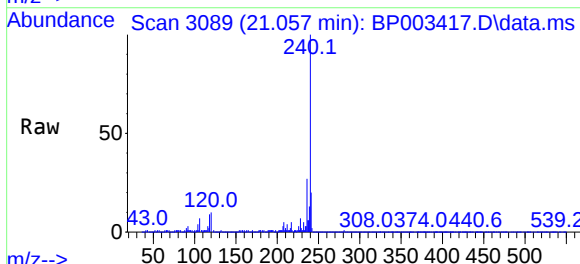
Tgt Ion:	202	Resp:	695099
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.4
203	17.4	0.0	37.8

Manual Integrations
APPROVED

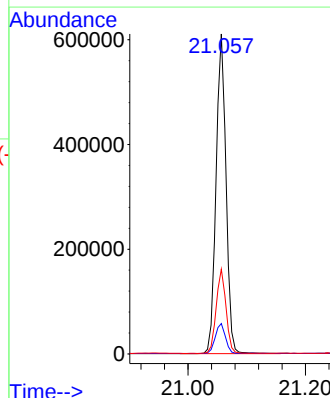
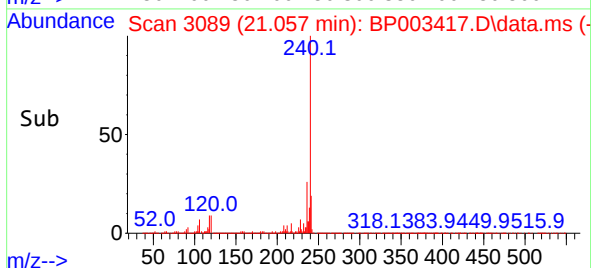
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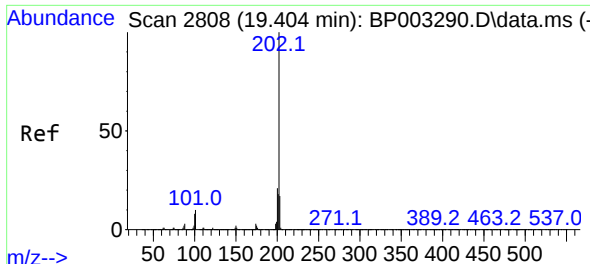


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.057 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



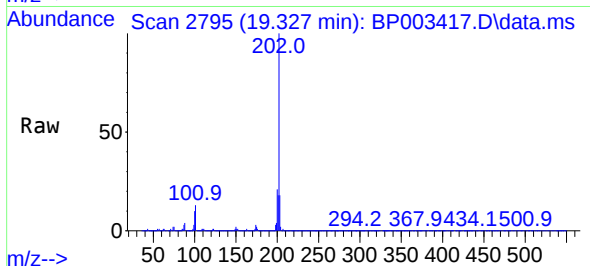
Tgt Ion:	240	Resp:	716936
Ion Ratio	Lower	Upper	
240	100		
120	9.5	7.8	11.6
236	26.5	20.8	31.2





#78
Pyrene
Concen: 13.64 ng
RT: 19.327 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

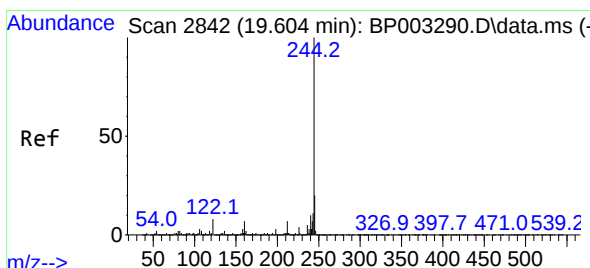
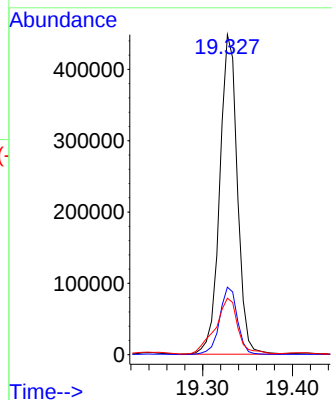
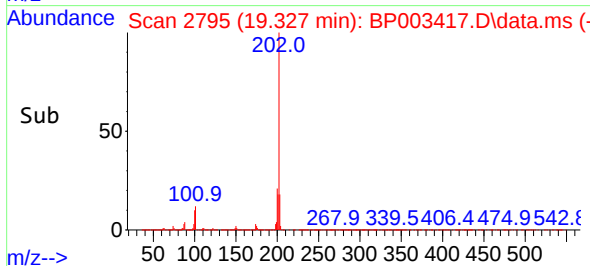
Instrument :
BNA_P
ClientSampled :
B-9(7-9)



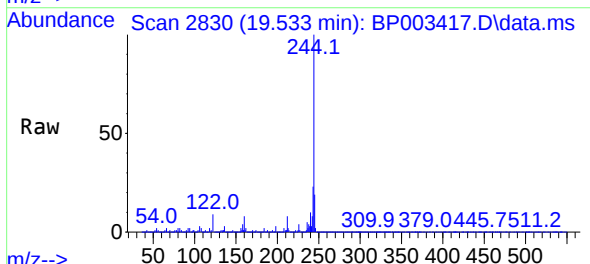
Tgt Ion:202 Resp: 610081
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.6 14.2 21.2

Manual Integrations
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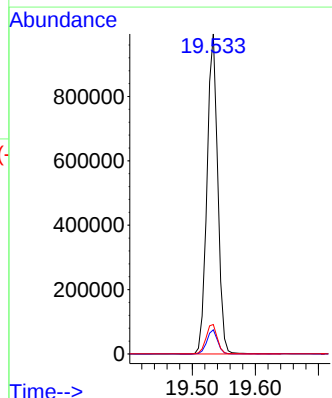
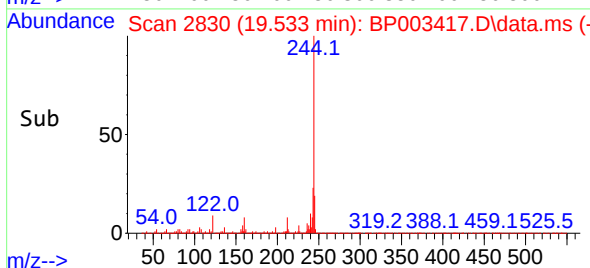
mohammad
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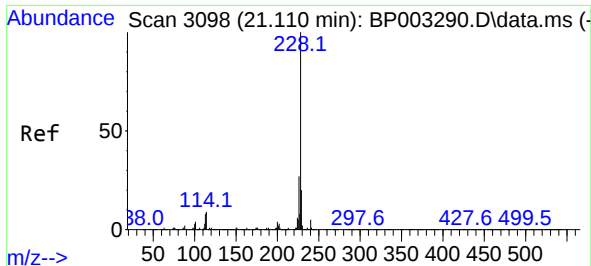


#79
Terphenyl-d14
Concen: 34.16 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



Tgt Ion:244 Resp: 1175477
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.2 7.8 11.8





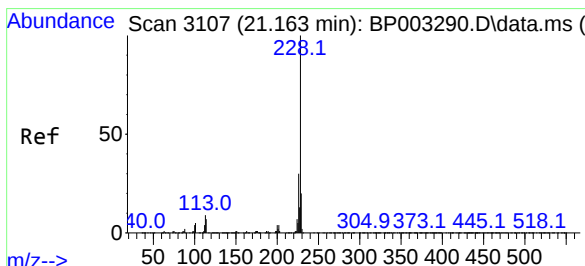
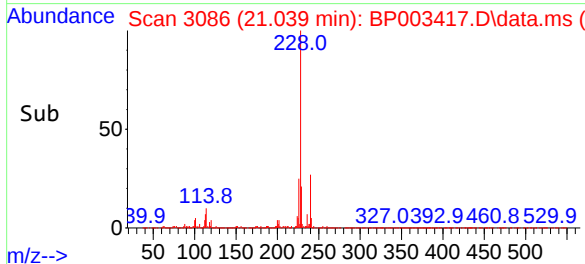
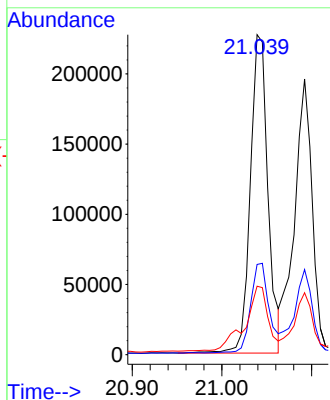
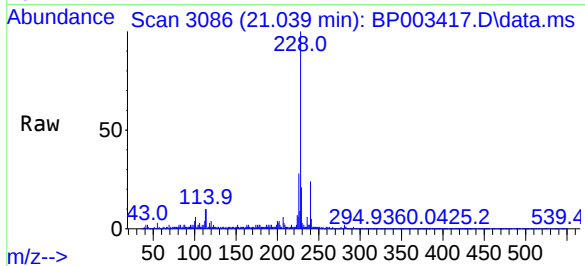
#81
Benzo(a)anthracene
Concen: 6.65 ng
RT: 21.039 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion:228	Resp: 308182
Ion Ratio	Lower Upper
228 100	
226 28.2	22.1 33.1
229 21.4	15.9 23.9

Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

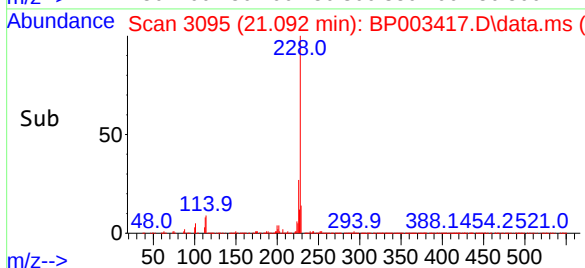
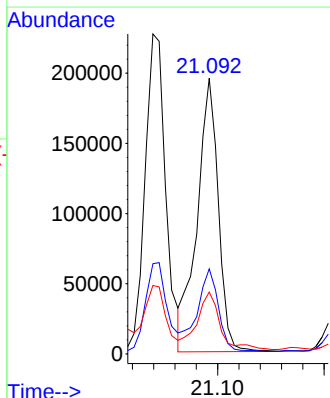
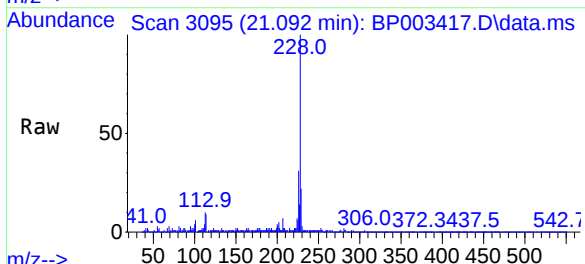
Manual Integrations
APPROVED

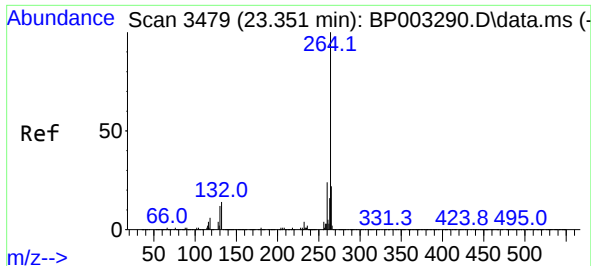
mohammad
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#83
Chrysene
Concen: 6.07 ng
RT: 21.092 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

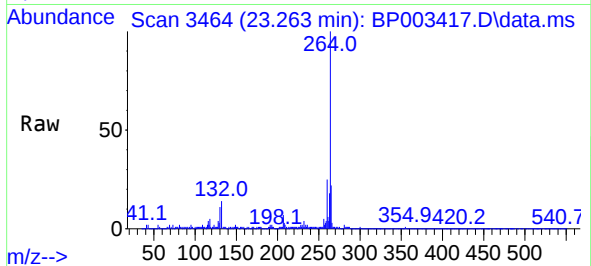
Tgt Ion:228	Resp: 270148
Ion Ratio	Lower Upper
228 100	
226 30.9	24.4 36.6
229 22.4	15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.263 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

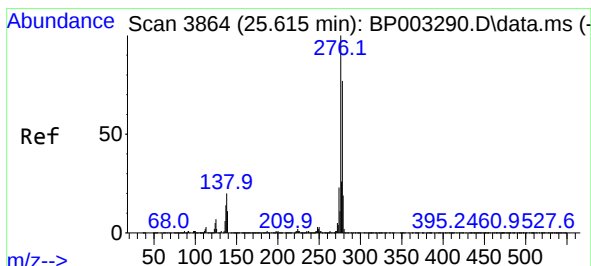
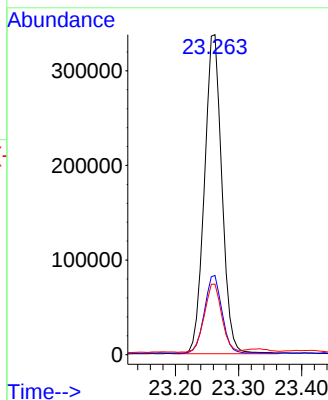
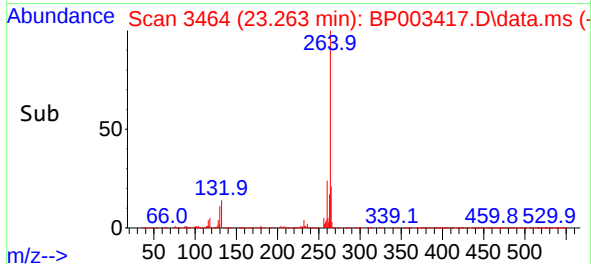
Instrument :
BNA_P
ClientSampled :
B-9(7-9)



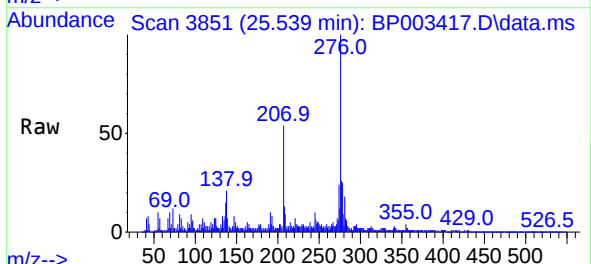
Tgt Ion:264 Resp: 647545
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 22.1 17.4 26.2

Manual Integrations
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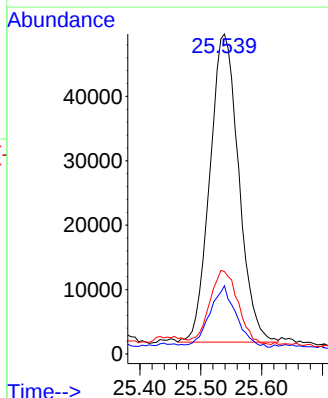
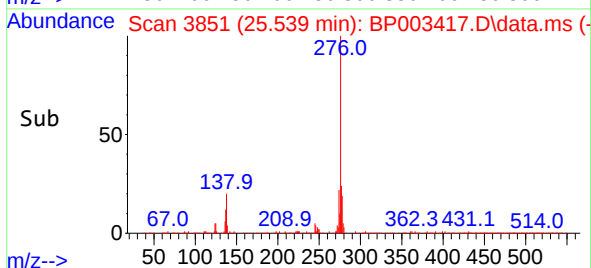
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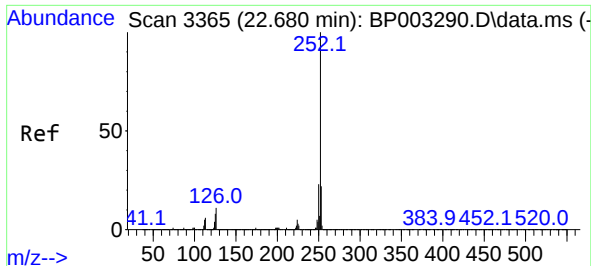


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.21 ng
RT: 25.539 min Scan# 3851
Delta R.T. 0.041 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



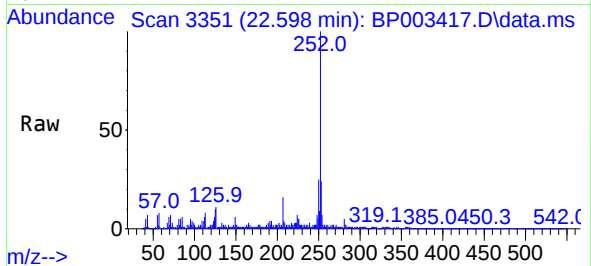
Tgt Ion:276 Resp: 157694
Ion Ratio Lower Upper
276 100
138 18.3 18.7 28.1#
277 23.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 8.27 ng m
RT: 22.598 min Scan# 3351
Delta R.T. 0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

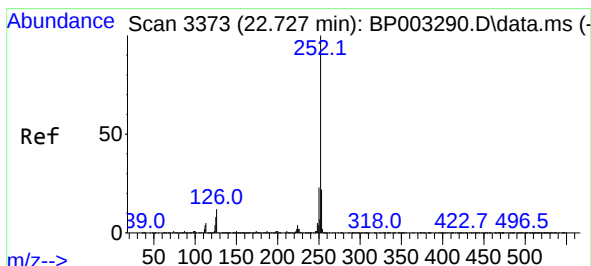
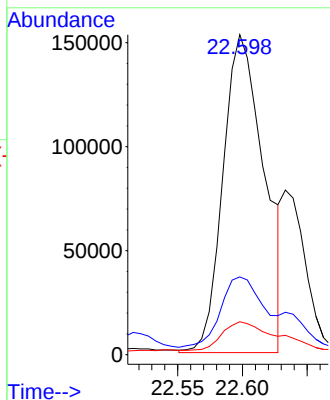
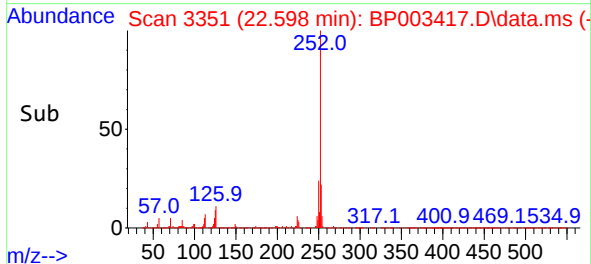
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)



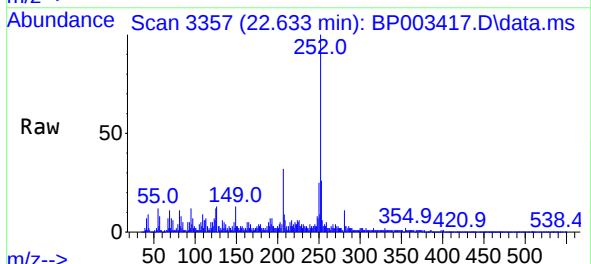
Tgt Ion:252 Resp: 338257
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 10.3 7.3 10.9

Manual Integrations
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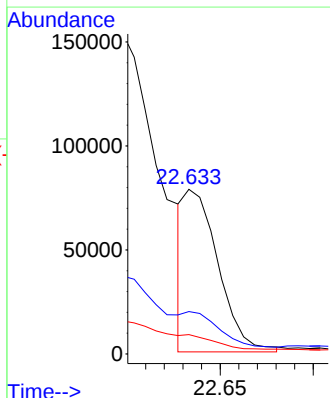
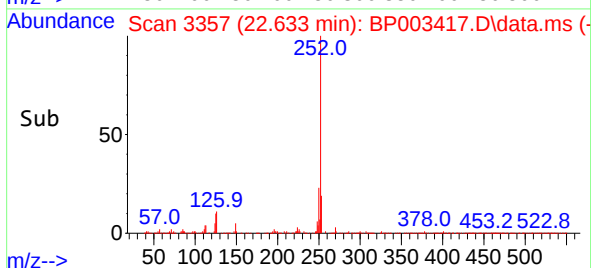
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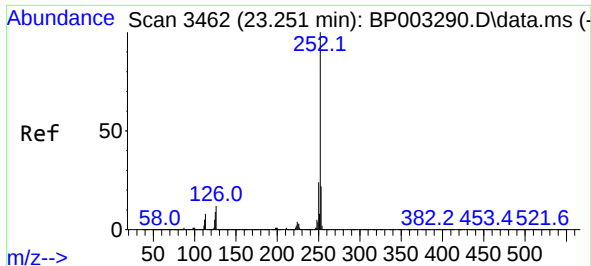


#89
Benzo(k)fluoranthene
Concen: 2.51 ng m
RT: 22.633 min Scan# 3357
Delta R.T. -0.012 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13



Tgt Ion:252 Resp: 98310
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.8
125 11.8 7.4 11.2#





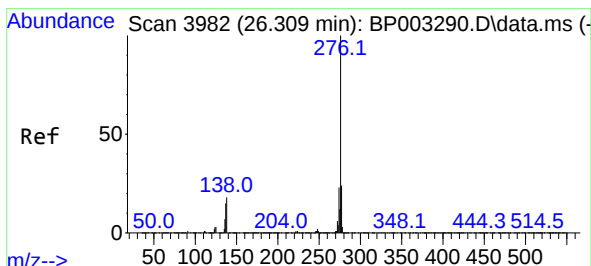
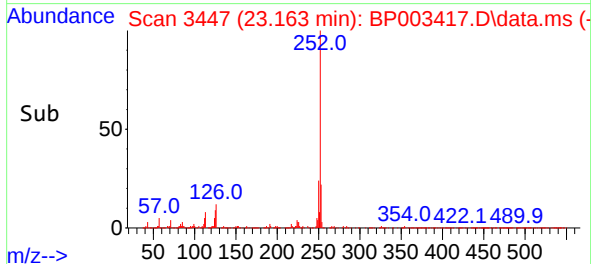
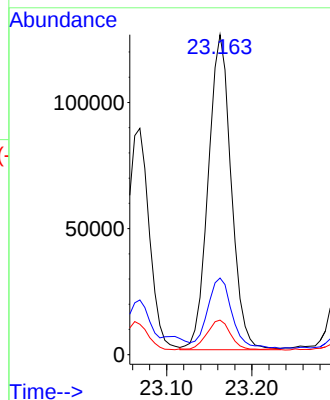
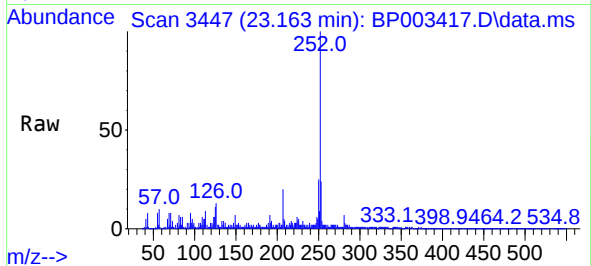
#90
Benzo(a)pyrene
Concen: 6.07 ng
RT: 23.163 min Scan# 3447
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion: 252 Resp: 233979
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 10.8 8.2 12.4

Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.07 ng
RT: 26.233 min Scan# 3969
Delta R.T. 0.035 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion: 276 Resp: 164514
Ion Ratio Lower Upper
276 100
277 25.4 19.0 28.6
138 18.6 16.6 24.8

