

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)

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)

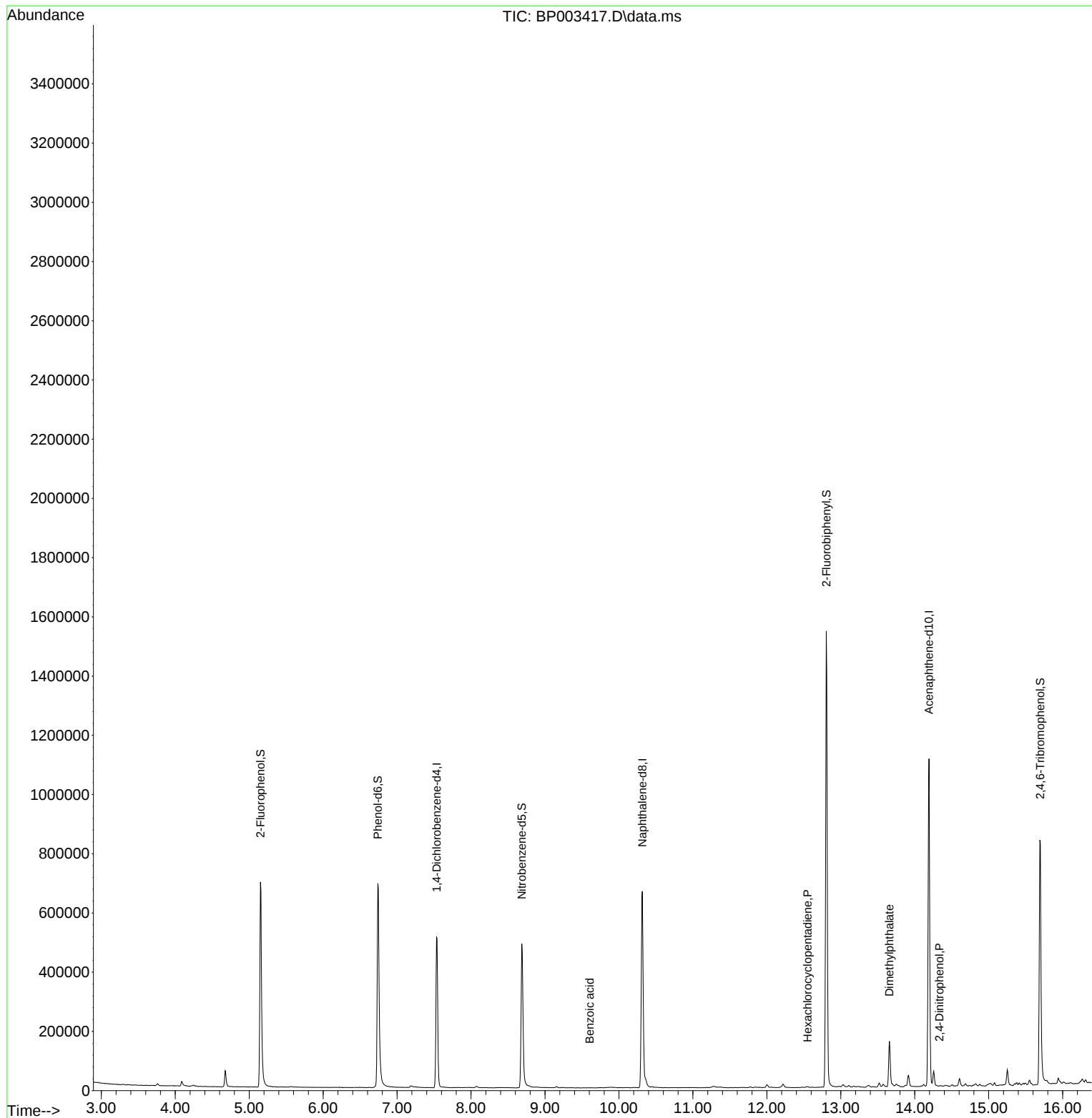
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	148489	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	604916	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	374993	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	803950	20.00	ng	# 0.00
76) Chrysene-d12	21.057	240	716936	20.00	ng	0.00
86) Perylene-d12	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
32) Benzoic acid	9.604	122	121	9.17	ng	92
41) Hexachlorocyclopentadiene	12.551	237	19	6.84	ng	77
50) Dimethylphthalate	13.657	163	115091	3.84	ng	100
54) 2,4-Dinitrophenol	14.334	184	23	7.26	ng	# 1
70) Pentachlorophenol	16.634	266	26	6.77	ng	# 82
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	428887	10.49	ng	96
89) Benzo(k)fluoranthene	22.598	252	428887	10.94	ng	96
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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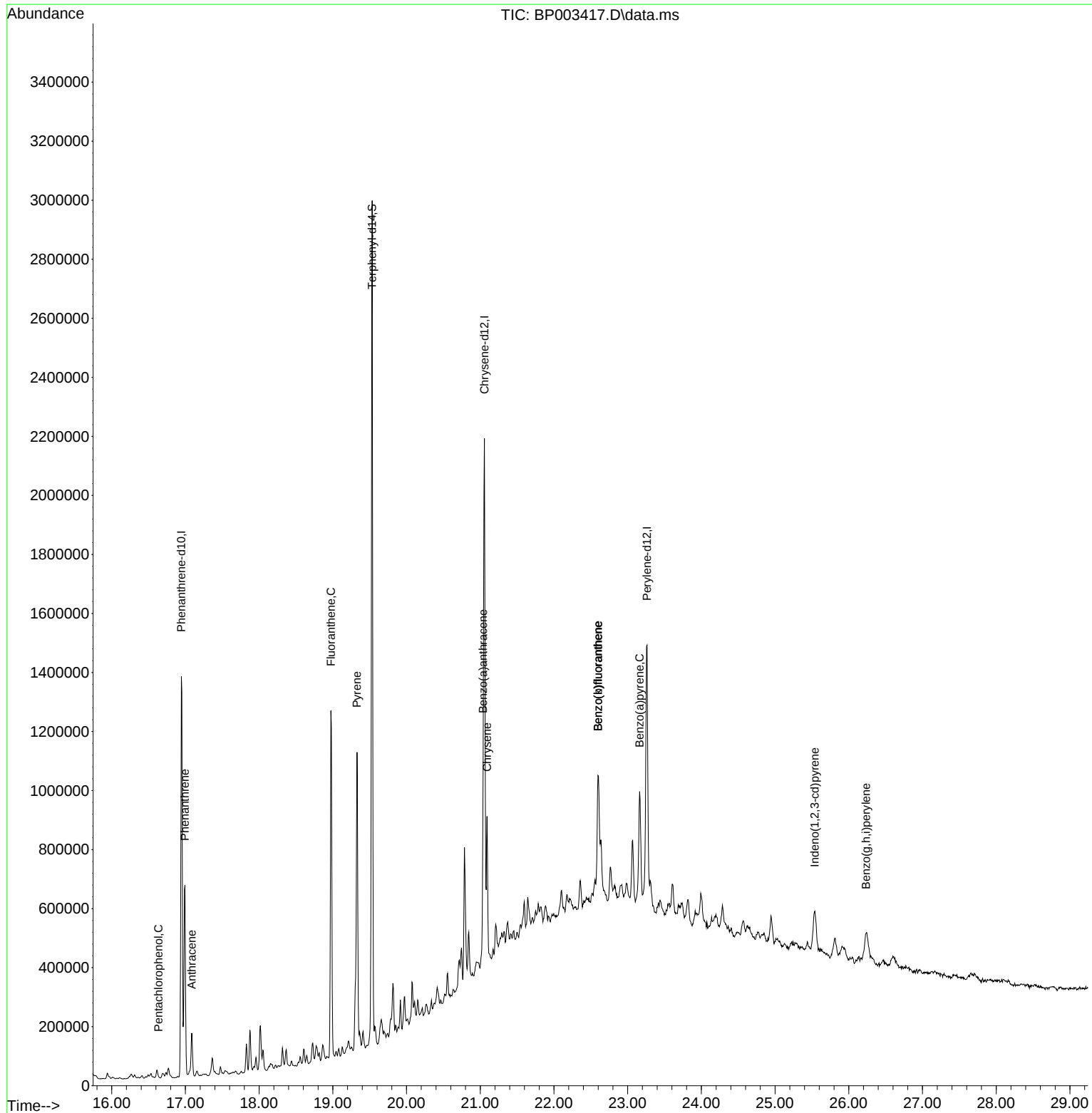
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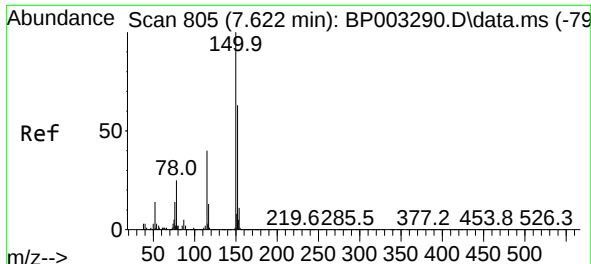


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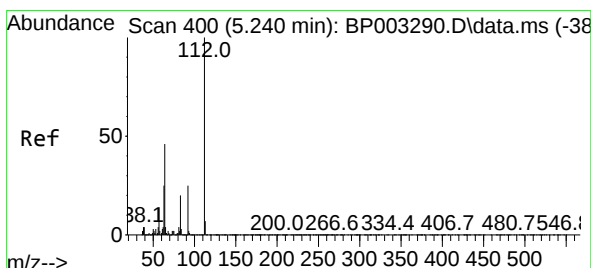
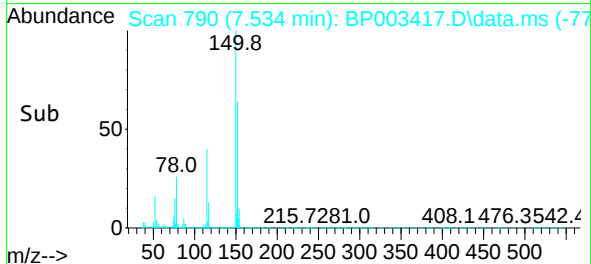
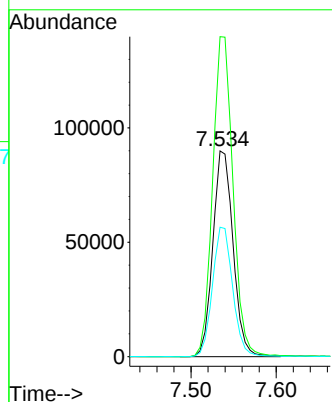
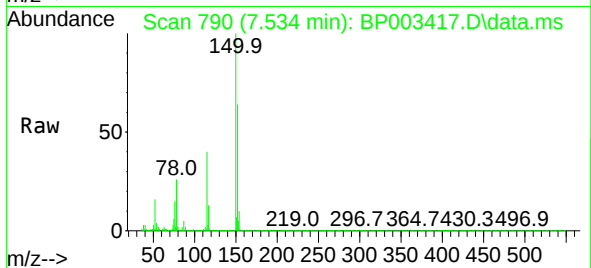




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.534 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

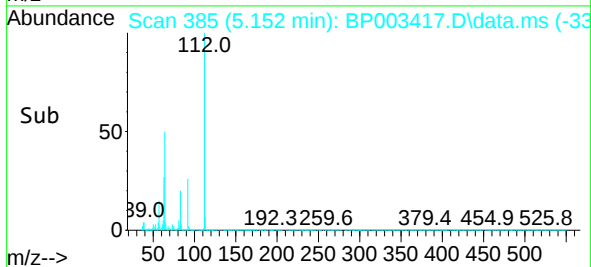
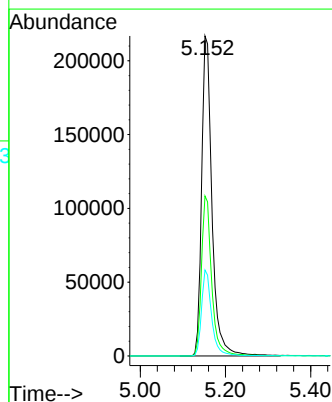
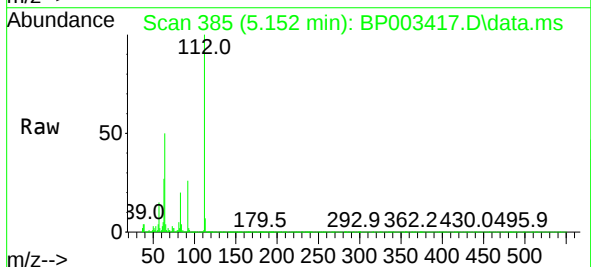
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

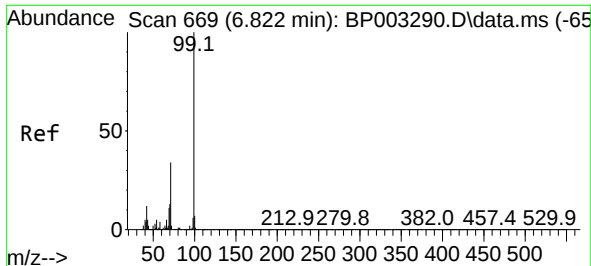
Tgt Ion:152 Resp: 148489
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 62.9 43.8 65.6



#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#

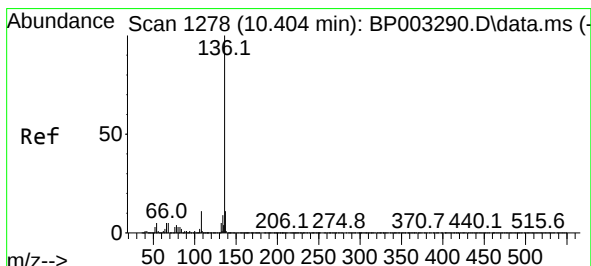
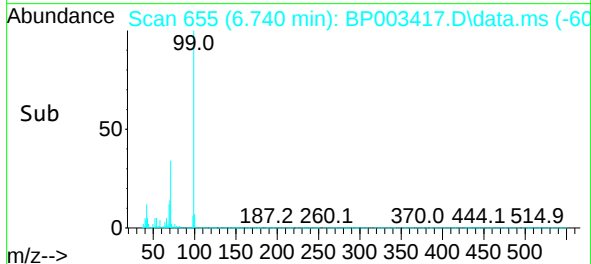
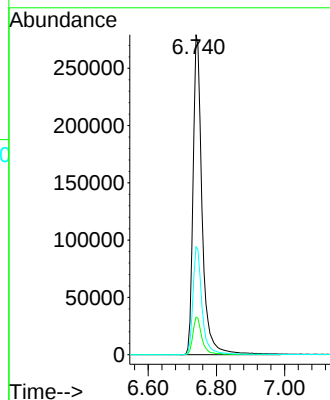
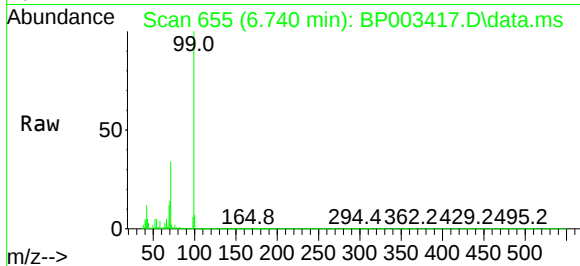




#7
Phenol-d6
Concen: 45.43 ng
RT: 6.740 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

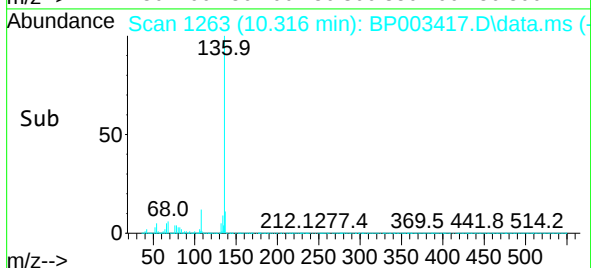
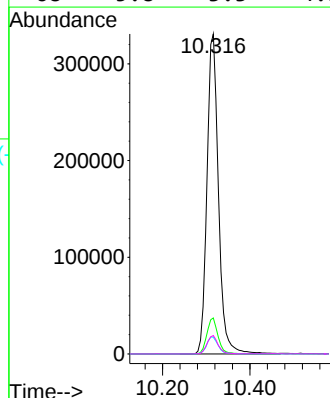
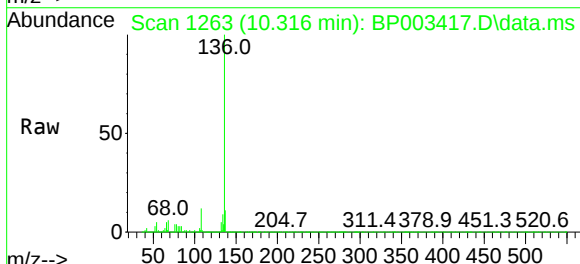
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

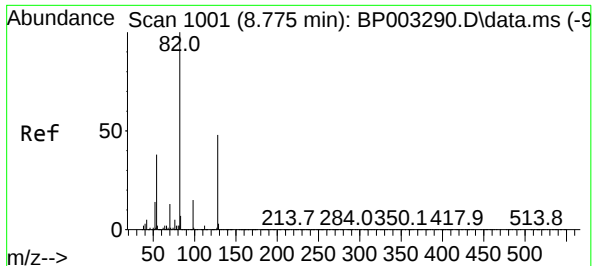
Tgt Ion: 99 Resp: 514973
Ion Ratio Lower Upper
99 100
42 11.8 8.6 13.0
71 33.7 23.4 35.2



#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#

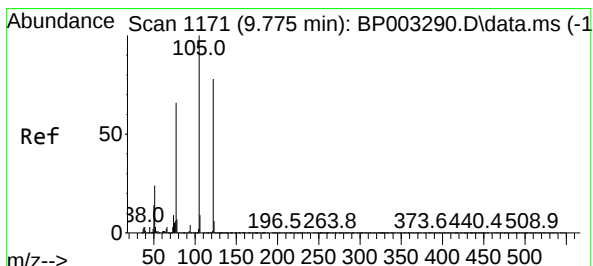
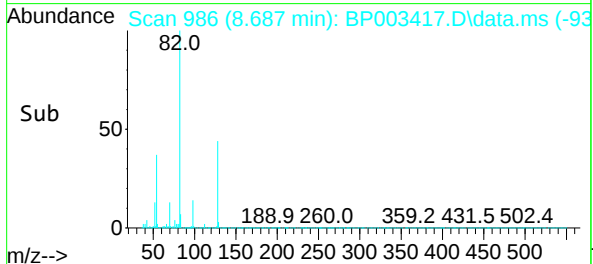
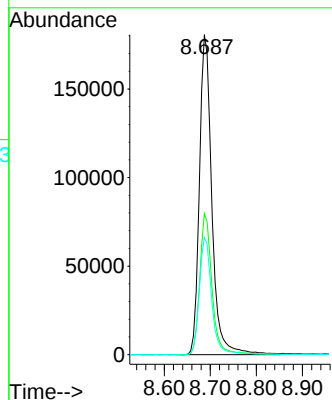
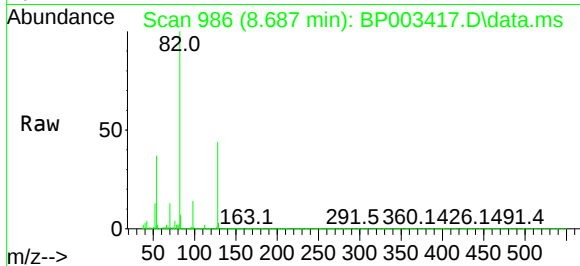




#23
Nitrobenzene-d5
Concen: 33.08 ng
RT: 8.687 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

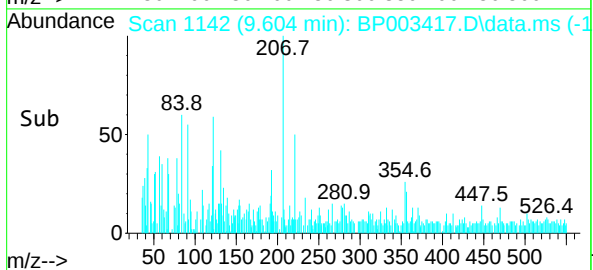
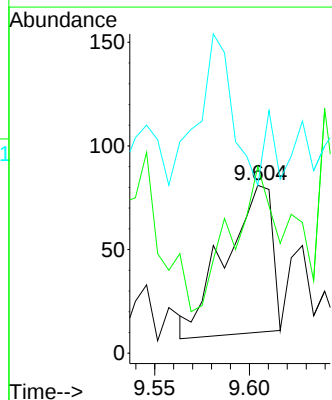
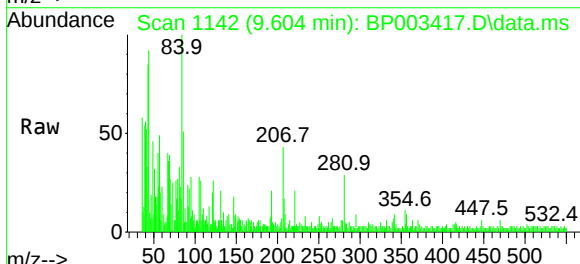
Instrument :
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ClientSampleId :
B-9(7-9)

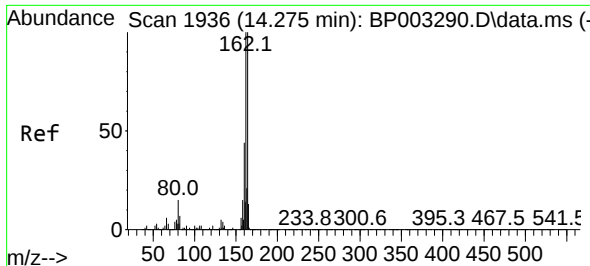
Tgt Ion: 82 Resp: 340595
Ion Ratio Lower Upper
82 100
128 44.0 45.6 68.4#
54 36.6 30.1 45.1



#32
Benzoic acid
Concen: 9.17 ng
RT: 9.604 min Scan# 1142
Delta R.T. -0.112 min
Lab File: BP003417.D
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Tgt Ion: 122 Resp: 121
Ion Ratio Lower Upper
122 100
105 108.9 94.1 134.1
77 80.2 50.1 90.1

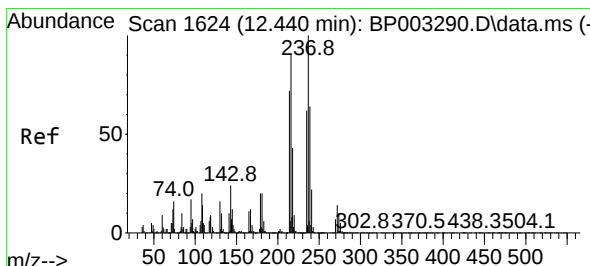
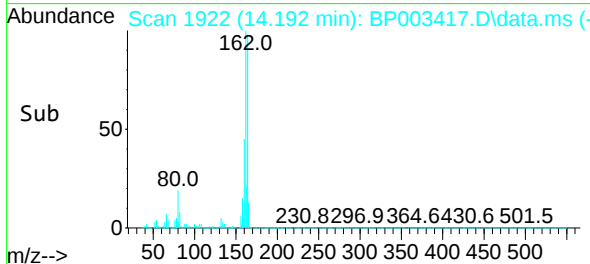
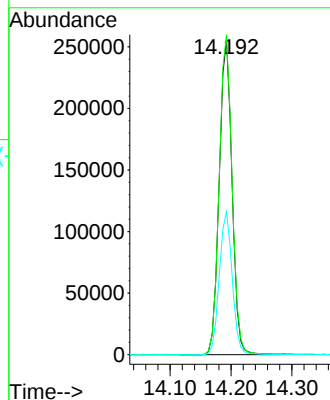
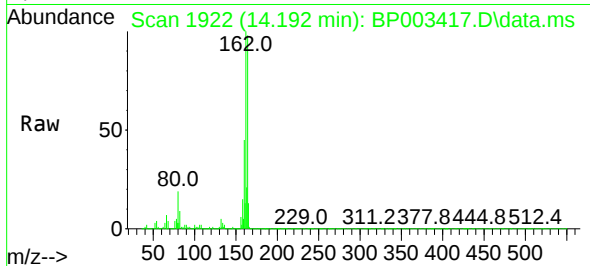




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

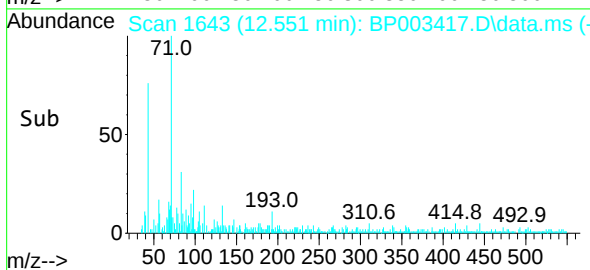
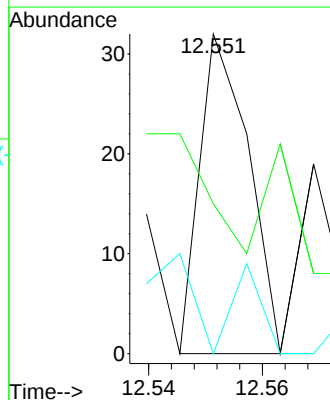
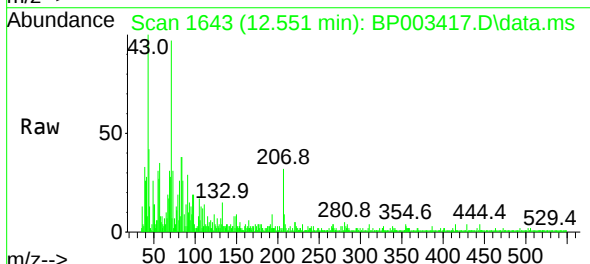
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ClientSampleId :
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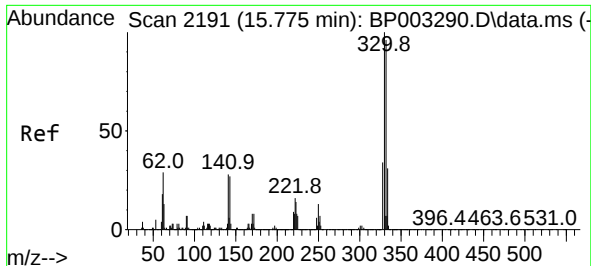
Tgt Ion:164 Resp: 374993
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 45.4 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.551 min Scan# 1643
Delta R.T. 0.200 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 46.9 43.2 83.2
272 0.0 0.0 33.3

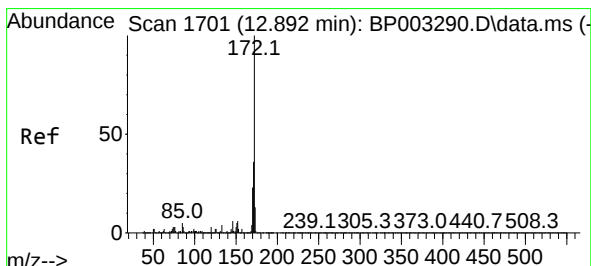
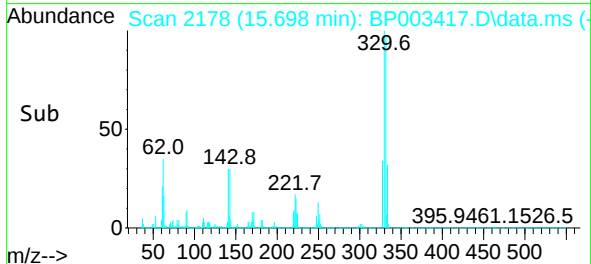
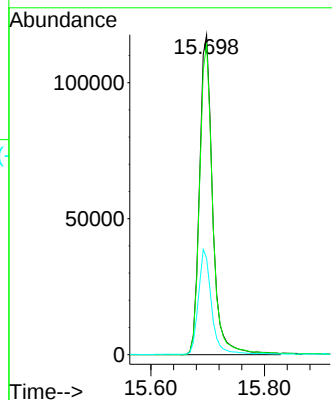
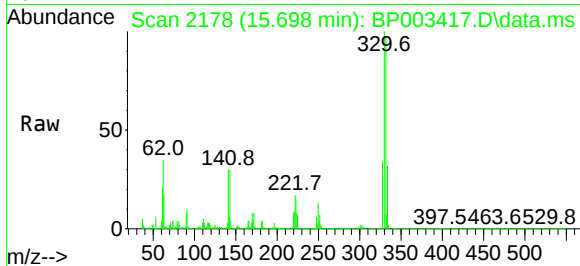




#42
2,4,6-Tribromophenol
Concen: 33.05 ng
RT: 15.698 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

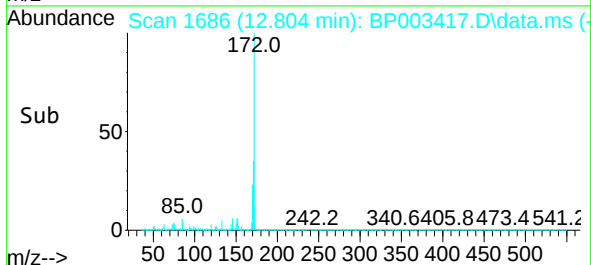
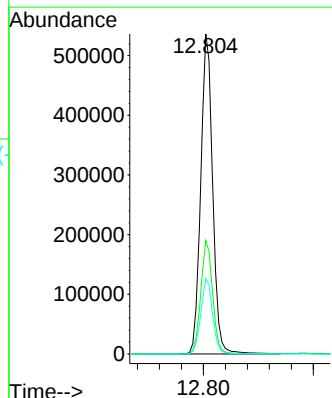
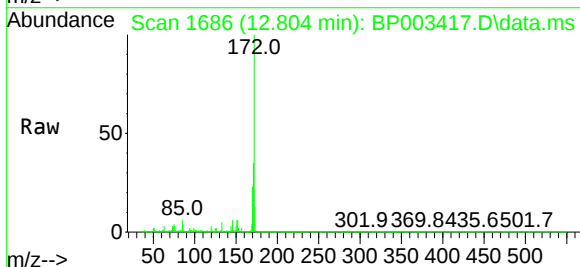
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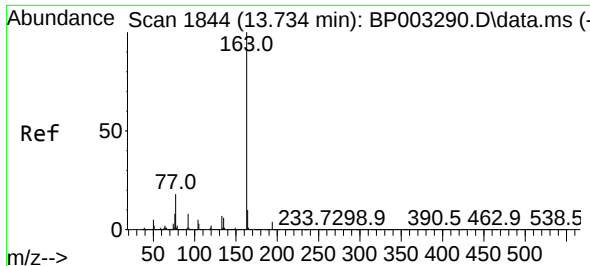
Tgt Ion:330 Resp: 189012
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.6 23.4 35.2



#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

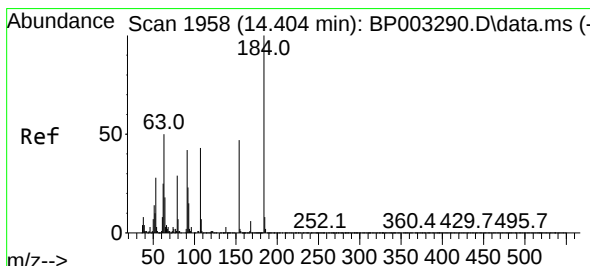
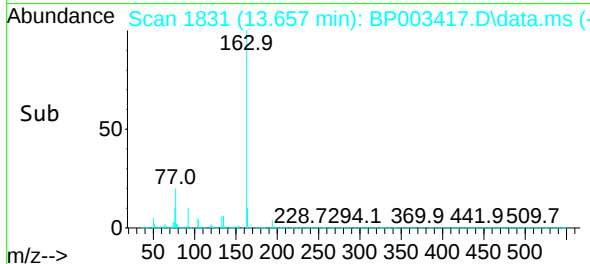
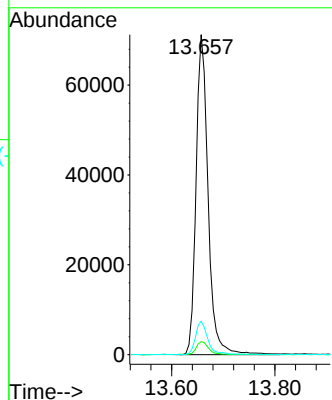
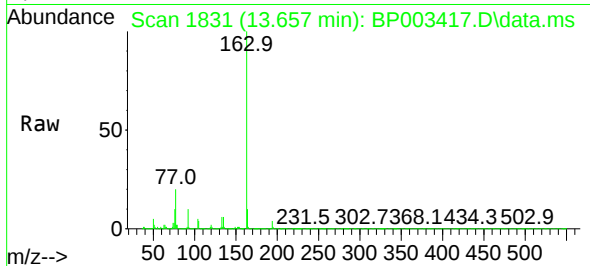




#50
Dimethylphthalate
Concen: 3.84 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

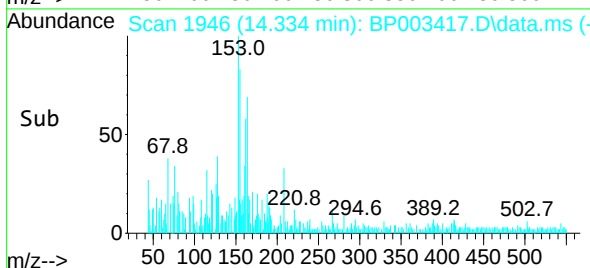
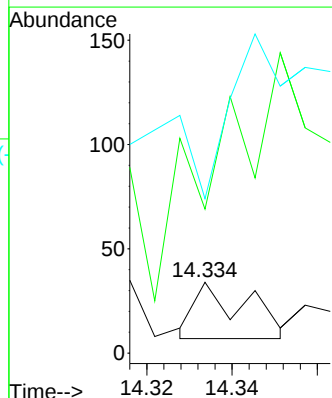
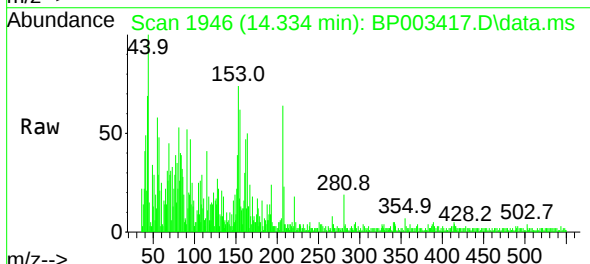
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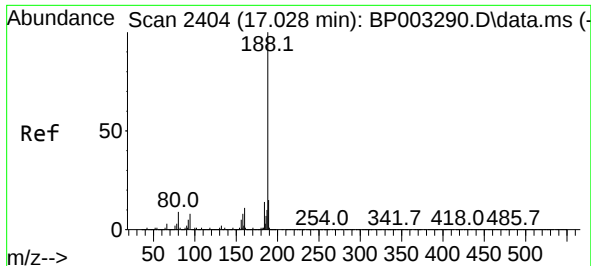
Tgt Ion:163 Resp: 115091
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.334 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 202.9 32.3 48.5#
154 217.6 49.1 73.7#

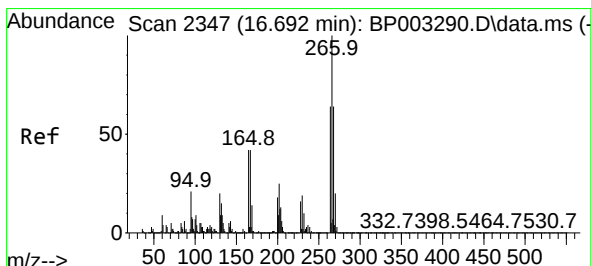
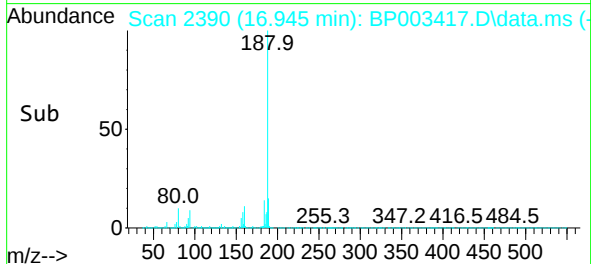
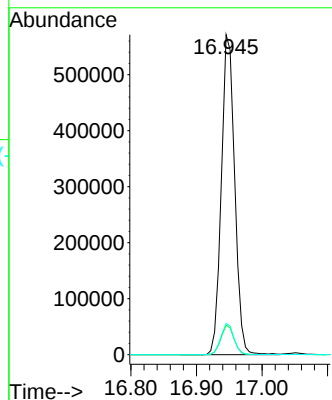
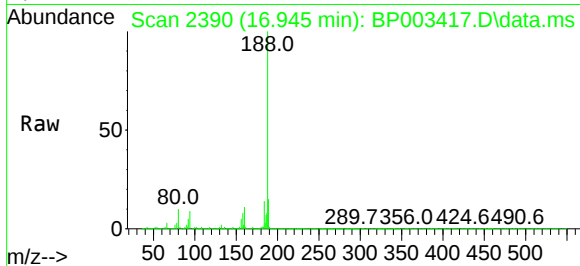




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

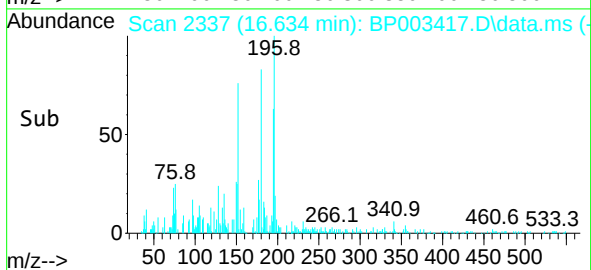
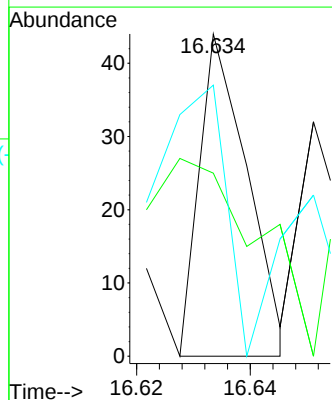
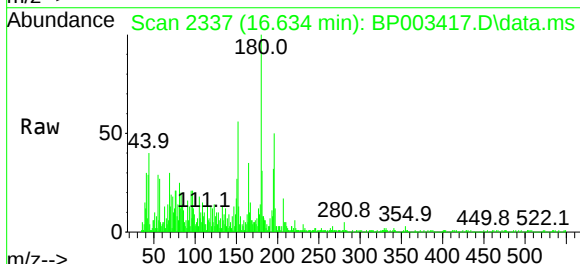
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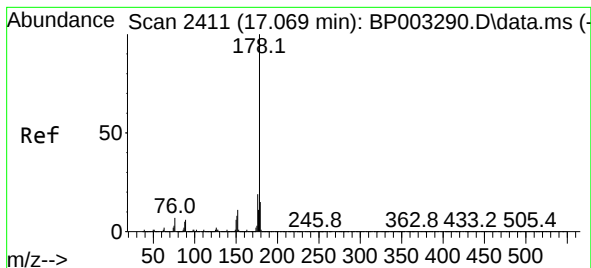
Tgt Ion:188 Resp: 803950
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.8 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.634 min Scan# 2337
Delta R.T. 0.012 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
268 56.8 51.1 76.7
264 84.1 50.6 76.0#

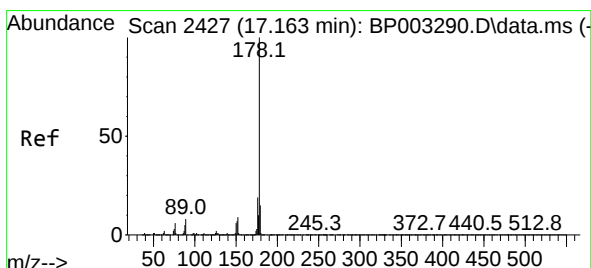
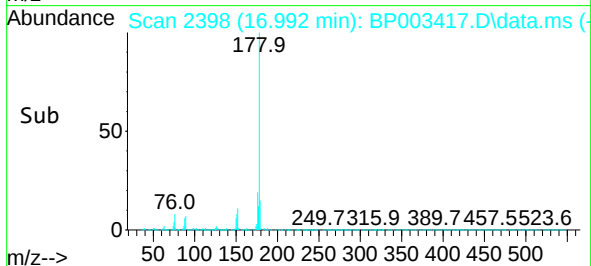
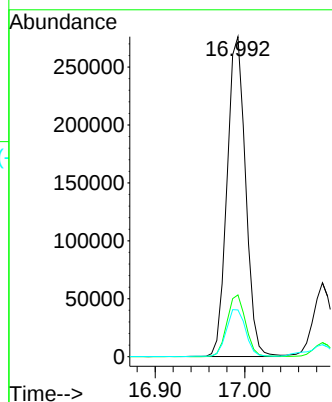
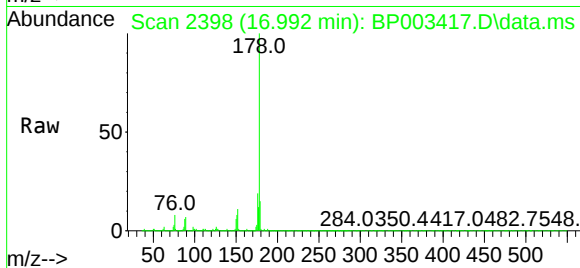




#71
Phenanthrene
Concen: 9.05 ng
RT: 16.992 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

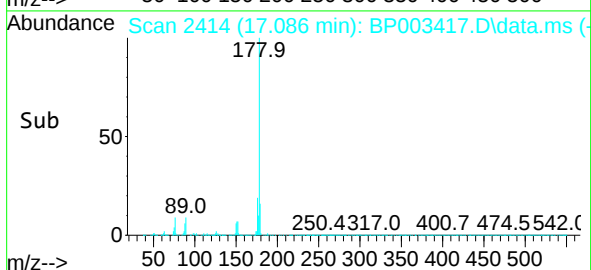
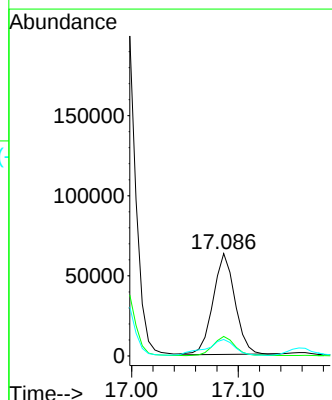
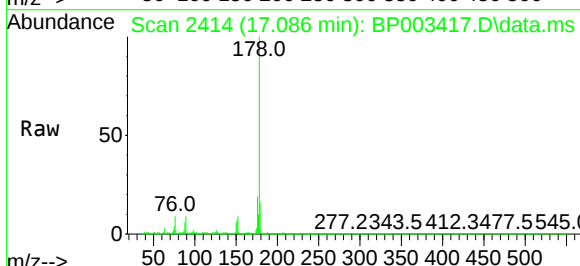
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

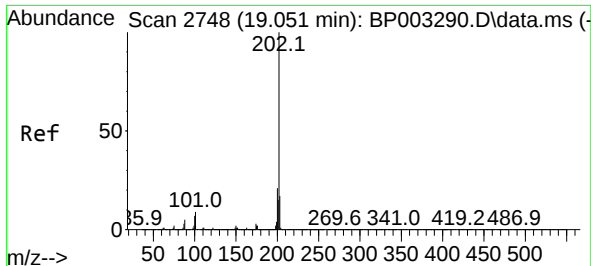
Tgt Ion:178 Resp: 396029
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 14.6 12.5 18.7



#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

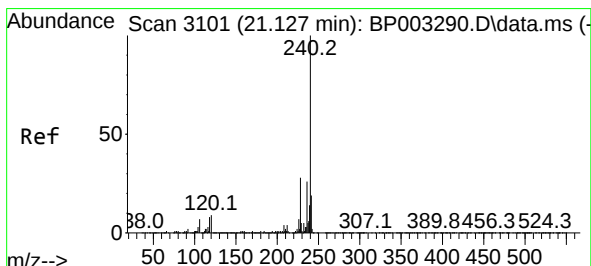
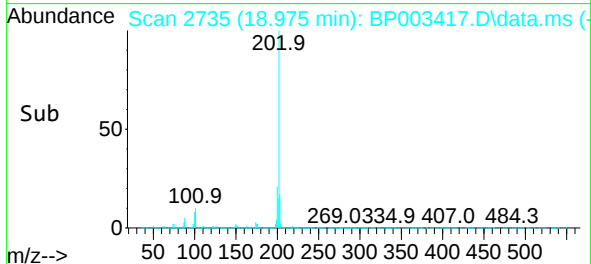
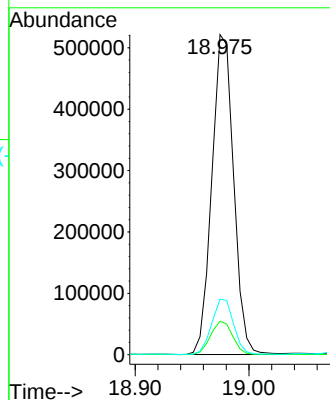
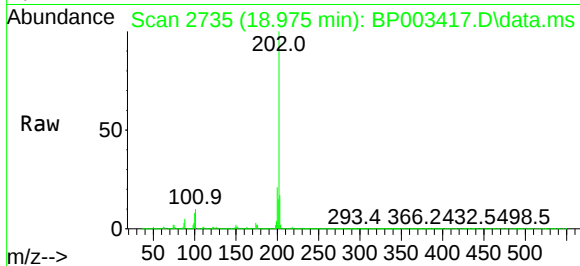




#75
Fluoranthene
Concen: 12.64 ng
RT: 18.975 min Scan# 2735
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

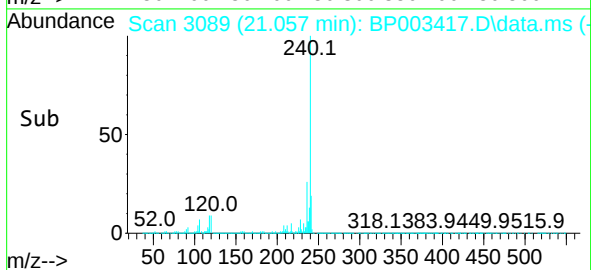
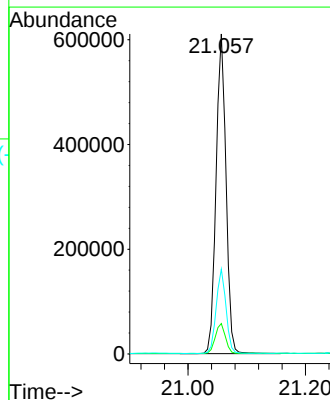
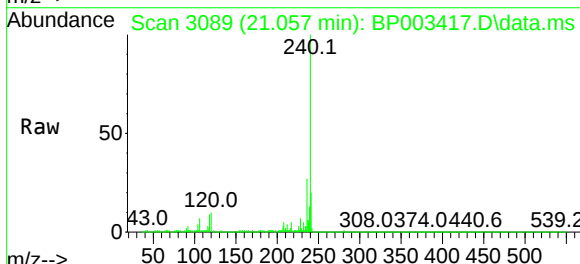
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

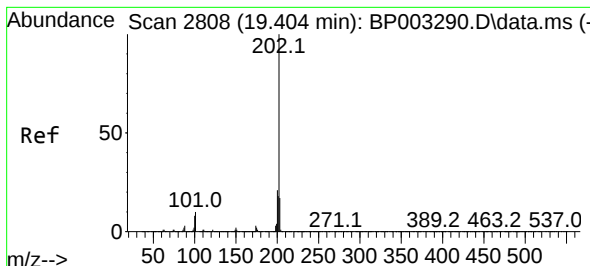
Tgt Ion:	202	Resp:	695099
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.4
203	17.4	0.0	37.8



#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

ClientSampleId :

B-9(7-9)

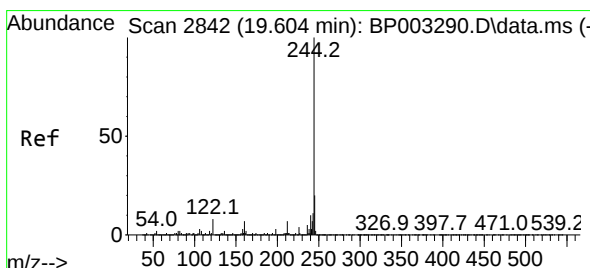
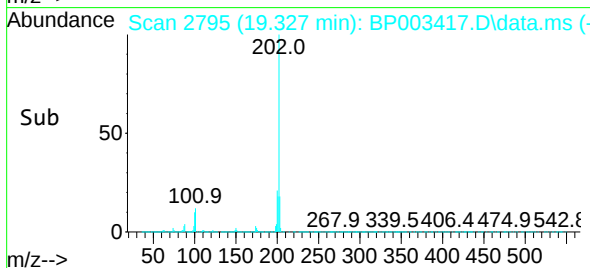
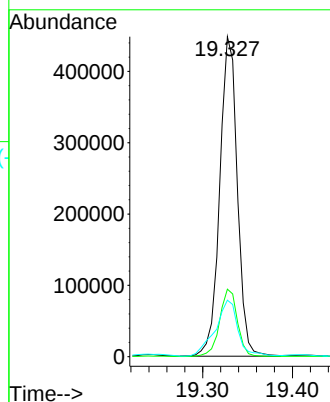
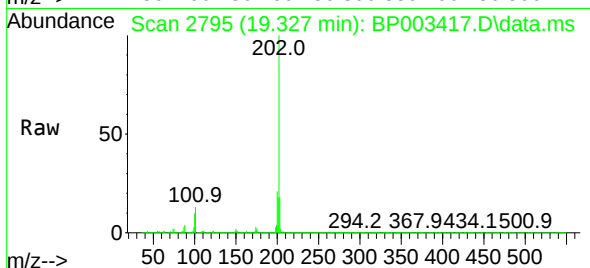
Tgt Ion:202 Resp: 610081

Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.6 14.2 21.2



#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

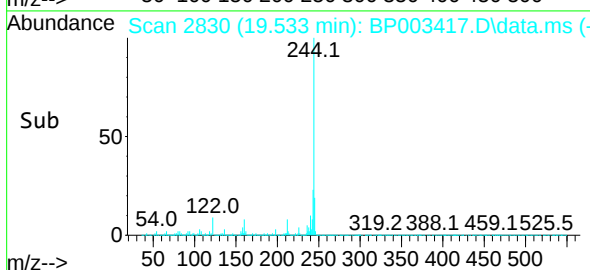
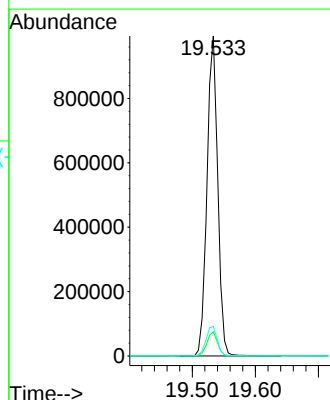
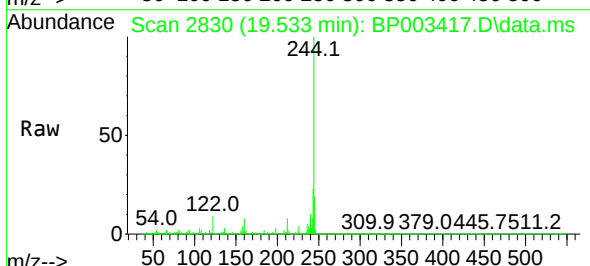
Tgt Ion:244 Resp: 1175477

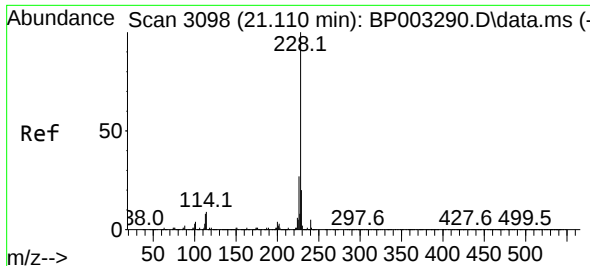
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.2 7.8 11.8

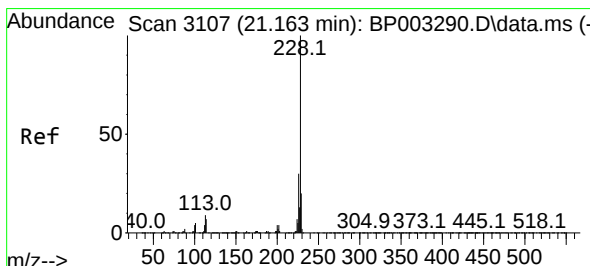
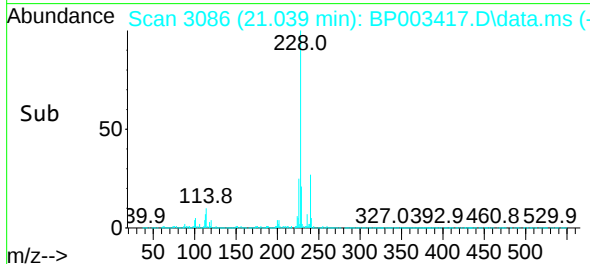
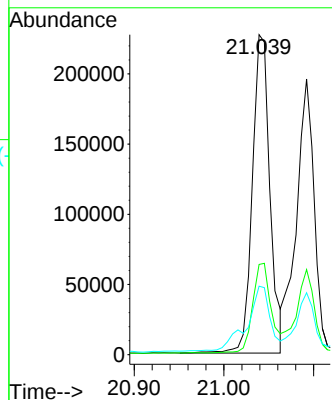
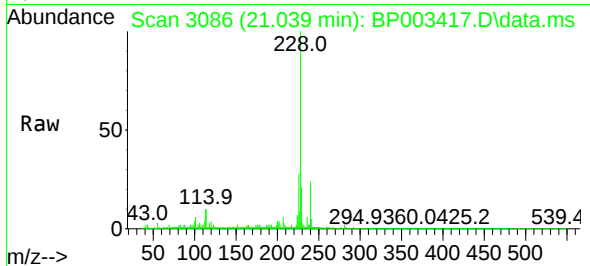




#81
Benzo(a)anthracene
Concen: 6.65 ng
RT: 21.039 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

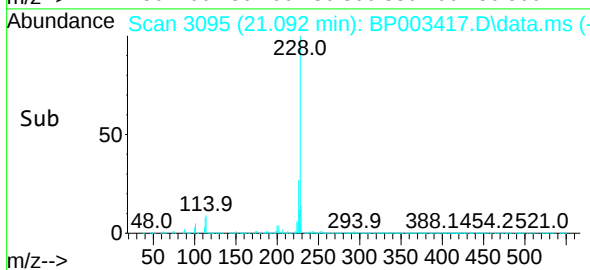
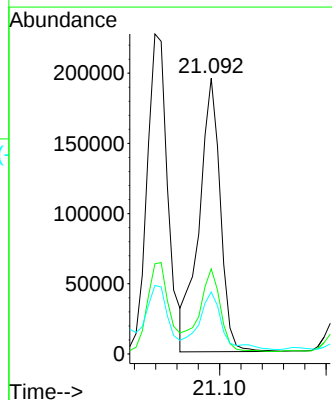
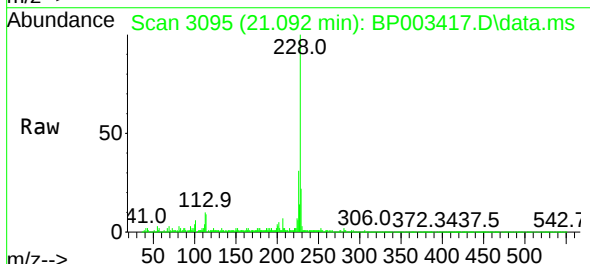
Instrument :
BNA_P
ClientSampleId :
B-9(7-9)

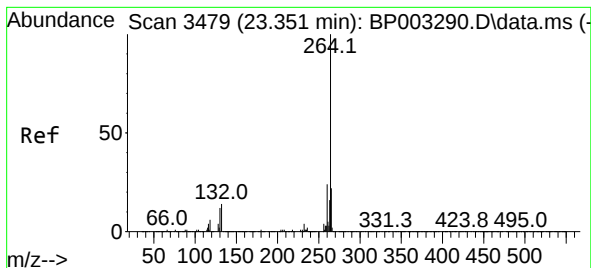
Tgt Ion:228 Resp: 308182
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 21.4 15.9 23.9



#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

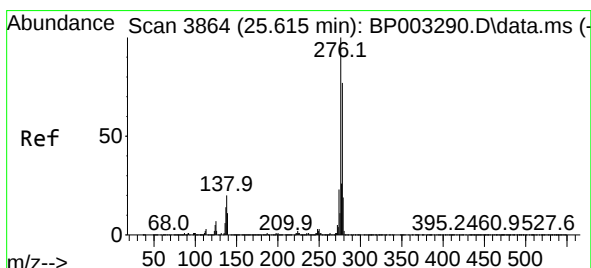
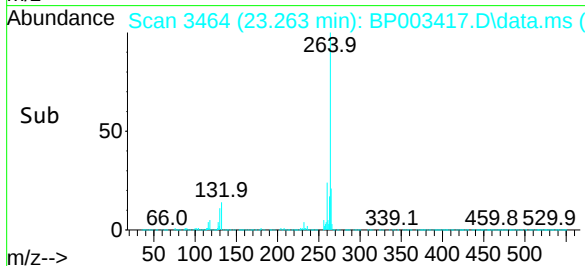
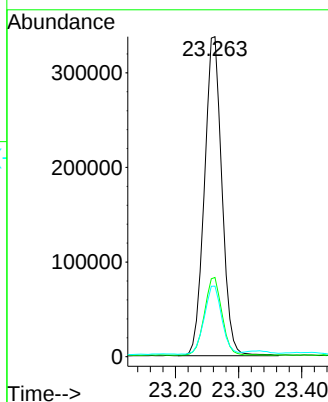
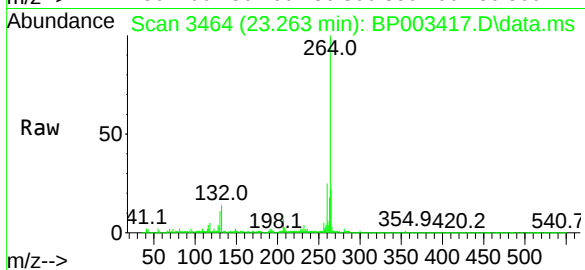
Instrument :

BNA_P

ClientSampleId :

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



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.21 ng

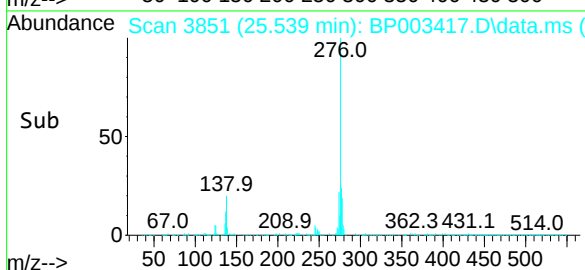
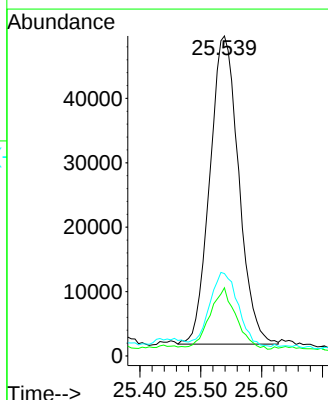
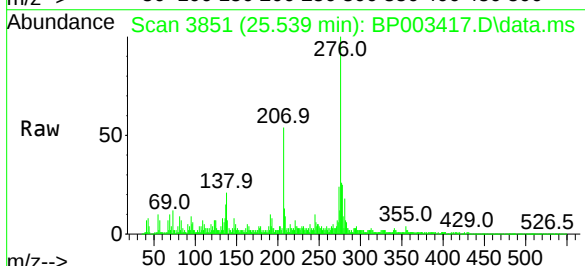
RT: 25.539 min Scan# 3851

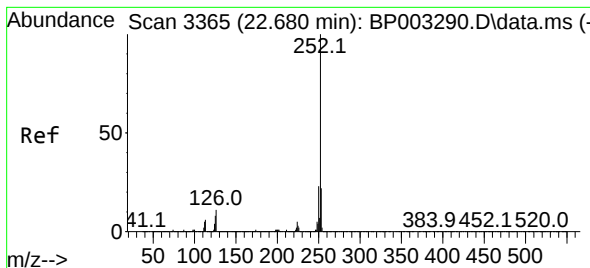
Delta R.T. 0.041 min

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: 10.49 ng

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)

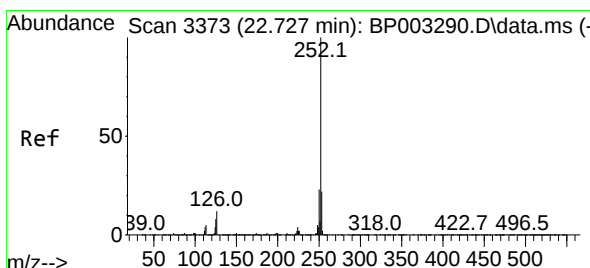
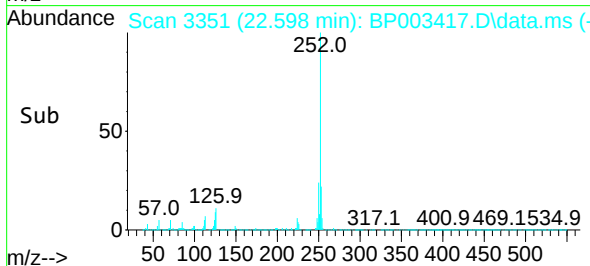
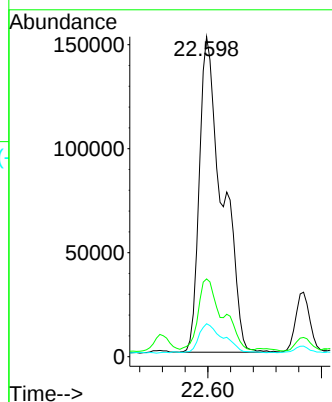
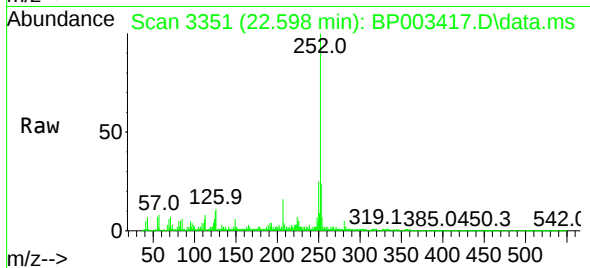
Tgt Ion:252 Resp: 428887

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

125 10.3 7.3 10.9



#89

Benzo(k)fluoranthene

Concen: 10.94 ng

RT: 22.598 min Scan# 3351

Delta R.T. -0.047 min

Lab File: BP003417.D

Acq: 30 Sep 2020 17:13

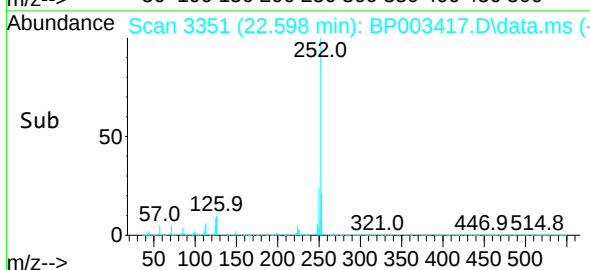
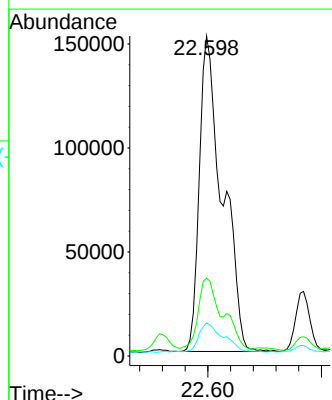
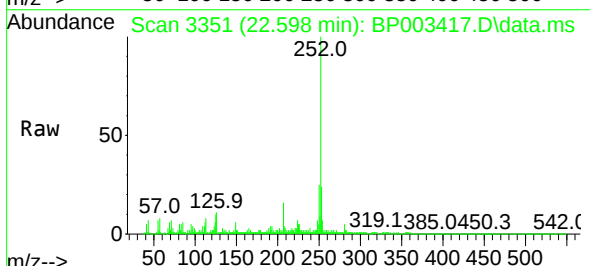
Tgt Ion:252 Resp: 428887

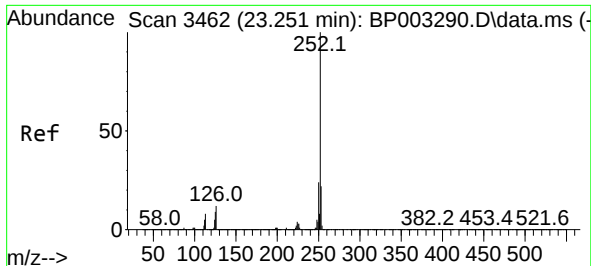
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

125 10.3 7.4 11.2

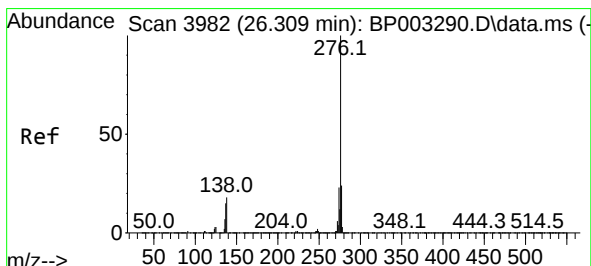
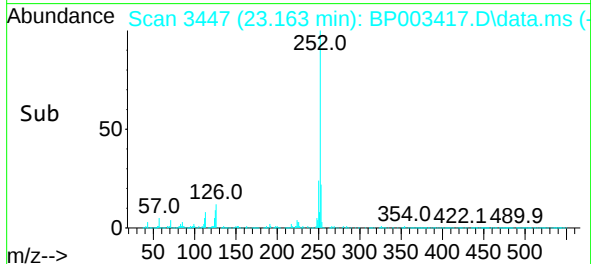
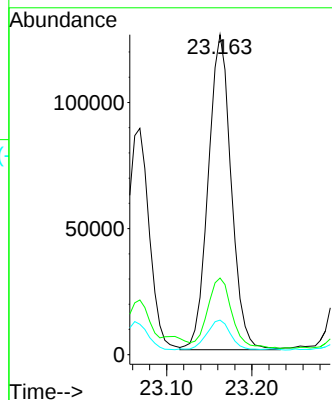
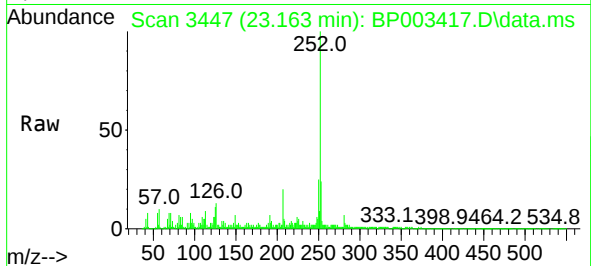




#90
Benzo(a)pyrene
Concen: 6.07 ng
RT: 23.163 min Scan# 3447
Delta R.T. -0.000 min
Lab File: BP003417.D
Acq: 30 Sep 2020 17:13

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

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



#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

