

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
 Data File : BP003421.D
 Acq On : 30 Sep 2020 19:29
 Operator : CG/JU
 Sample : L4179-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-9(2-3)

Quant Time: Oct 01 02:16:32 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)

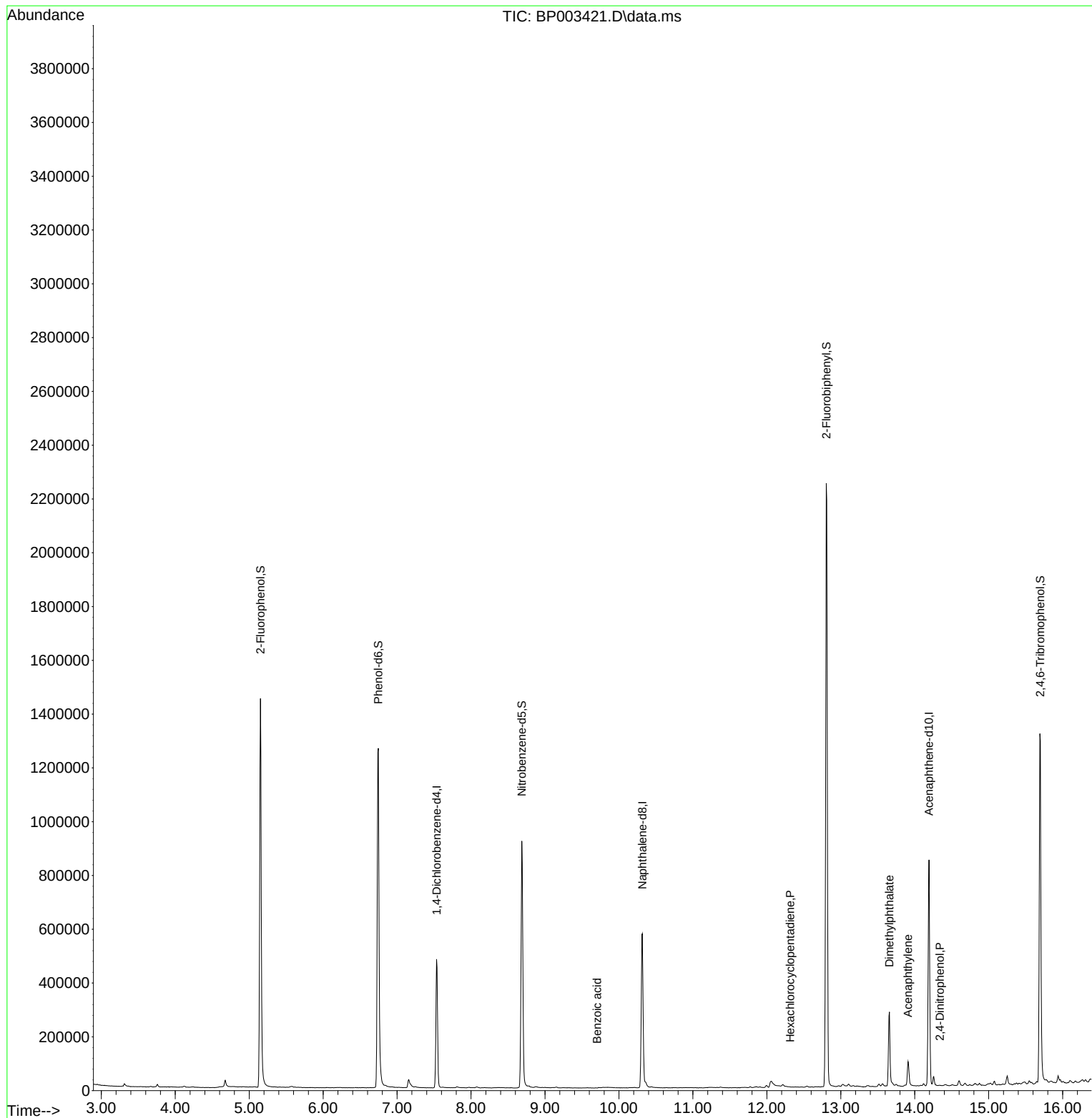
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	127594	20.00	ng	0.00
21) Naphthalene-d8	10.316	136	502065	20.00	ng	# 0.00
39) Acenaphthene-d10	14.192	164	274507	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	512087	20.00	ng	# 0.00
76) Chrysene-d12	21.069	240	504383	20.00	ng	0.00
86) Perylene-d12	23.339	264	545164	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.152	112	680582	93.14	ng	0.00
7) Phenol-d6	6.746	99	869208	89.24	ng	0.00
23) Nitrobenzene-d5	8.687	82	584991	68.45	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	266999	63.77	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	1200624	63.97	ng	0.00
79) Terphenyl-d14	19.539	244	1347234	55.65	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.704	122	17	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.316	237	28	6.85	ng	78
49) Acenaphthylene	13.910	152	73868	2.85	ng	100
50) Dimethylphthalate	13.657	163	185779	8.48	ng	99
54) 2,4-Dinitrophenol	14.340	184	40	7.27	ng	# 1
70) Pentachlorophenol	16.651	266	68	6.79	ng	93
71) Phenanthrene	16.992	178	269773	9.68	ng	99
72) Anthracene	17.086	178	76295	2.78	ng	99
75) Fluoranthene	18.980	202	607995	17.36	ng	98
78) Pyrene	19.333	202	557180	17.71	ng	99
81) Benzo(a)anthracene	21.051	228	329041	10.09	ng	97
83) Chrysene	21.104	228	334427	10.68	ng	97
87) Indeno(1,2,3-cd)pyrene	25.721	276	214348	5.19	ng	# 86
88) Benzo(b)fluoranthene	22.651	252	603911	17.54	ng	# 95
89) Benzo(k)fluoranthene	22.651	252	603911	18.30	ng	96
90) Benzo(a)pyrene	23.239	252	317300	9.77	ng	94
92) Benzo(g,h,i)perylene	26.486	276	105080	3.09	ng	# 91

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

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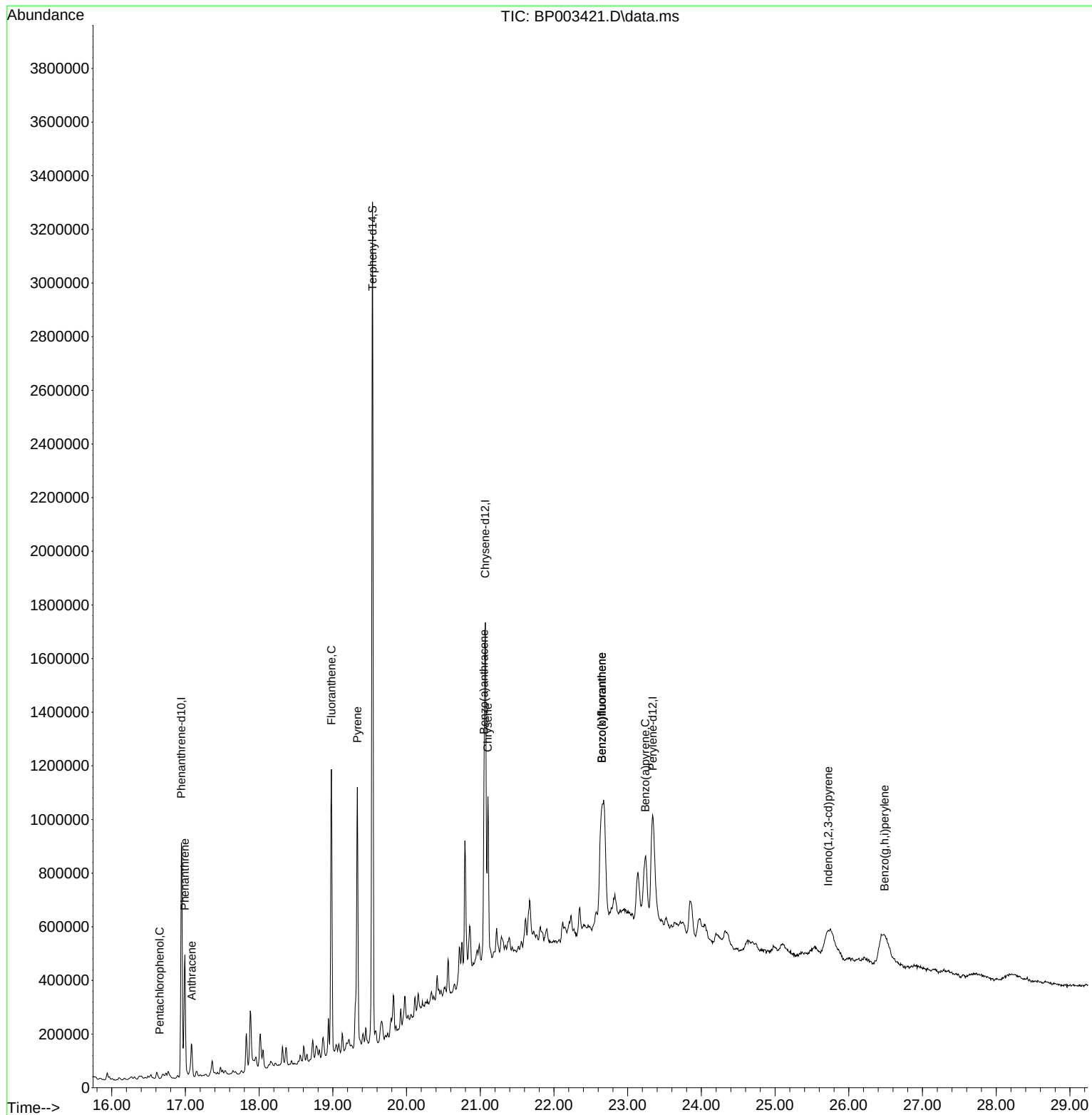
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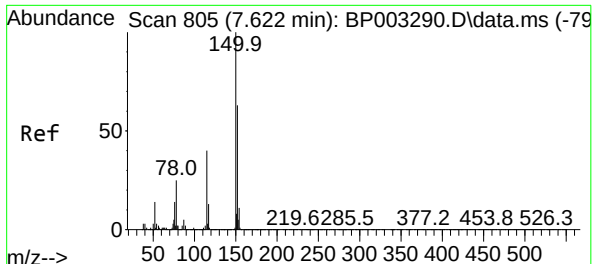


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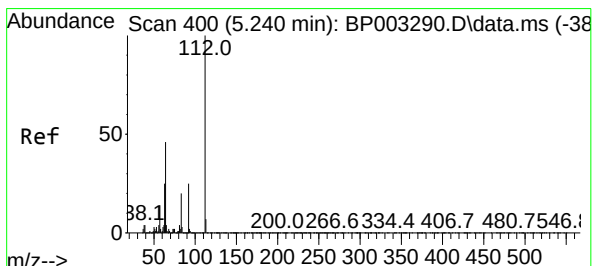
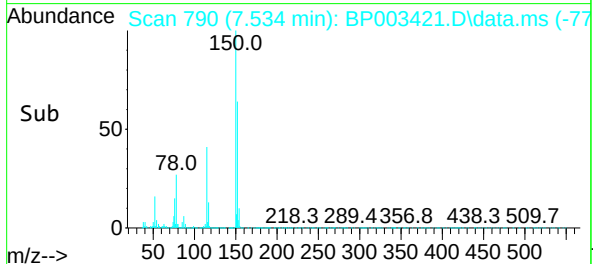
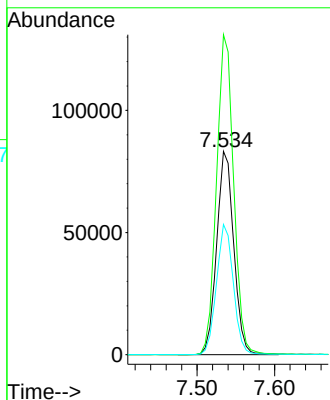
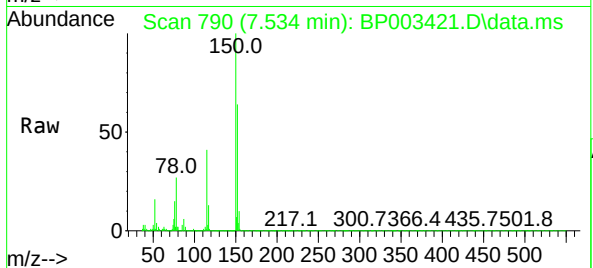




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.534 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

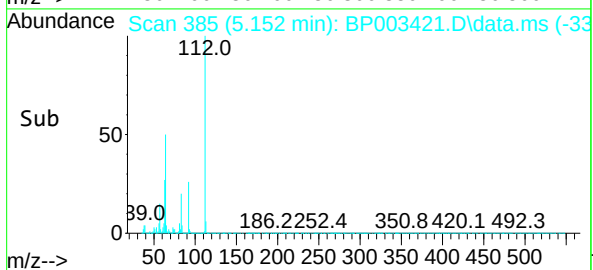
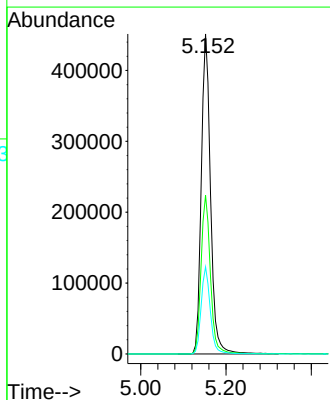
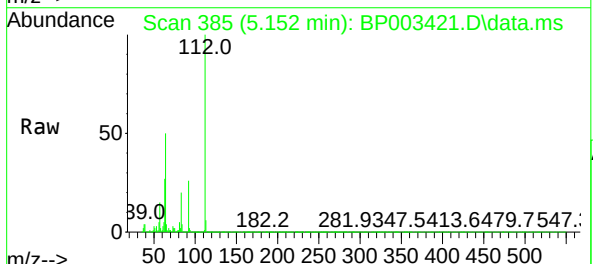
Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

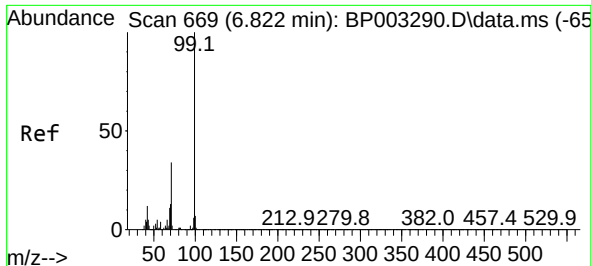
Tgt Ion:152 Resp: 127594
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 64.1 43.8 65.6



#5
2-Fluorophenol
Concen: 93.14 ng
RT: 5.152 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:112 Resp: 680582
Ion Ratio Lower Upper
112 100
64 49.6 32.8 49.2#
63 27.2 17.0 25.4#

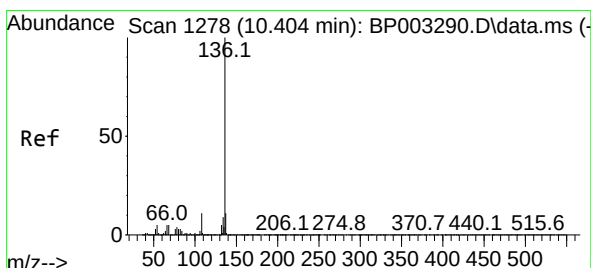
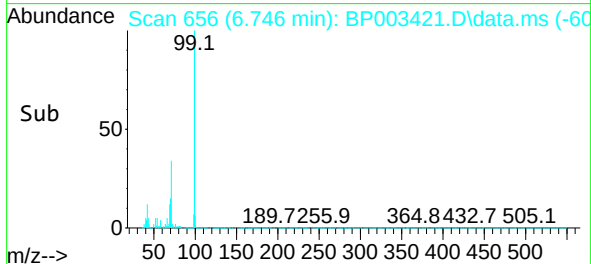
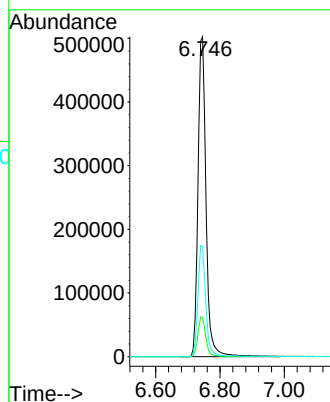
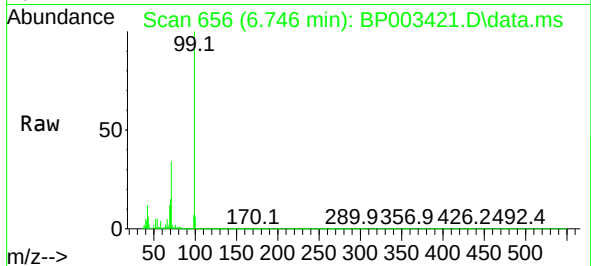




#7
Phenol-d6
Concen: 89.24 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

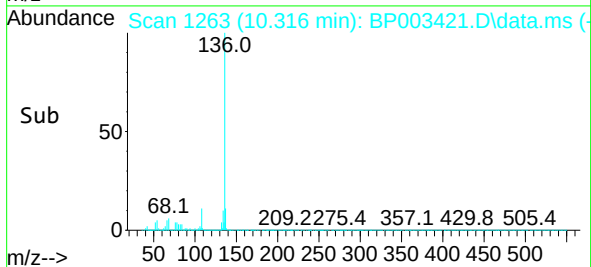
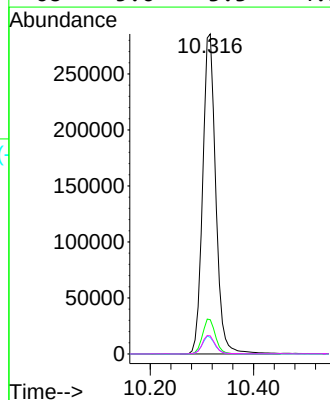
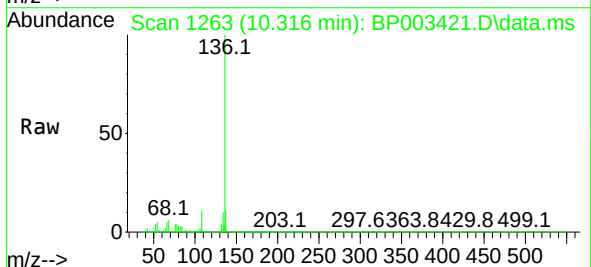
Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

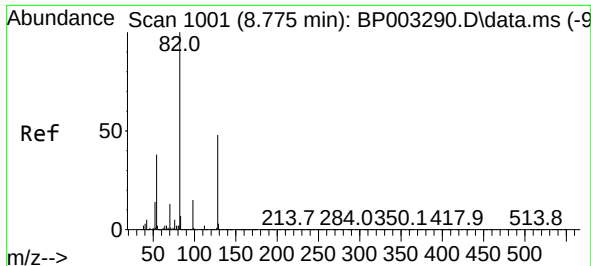
Tgt Ion: 99 Resp: 869208
Ion Ratio Lower Upper
99 100
42 12.3 8.6 13.0
71 34.4 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.316 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion: 136 Resp: 502065
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.2 3.6 5.4
68 5.6 3.3 4.9#

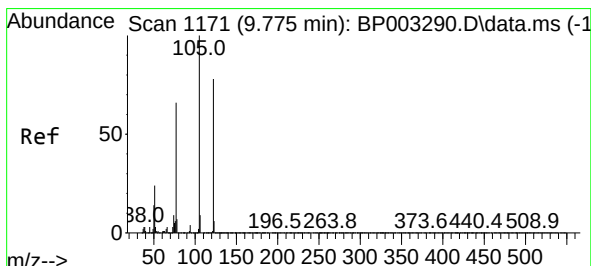
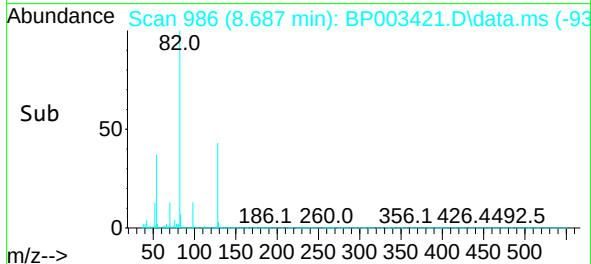
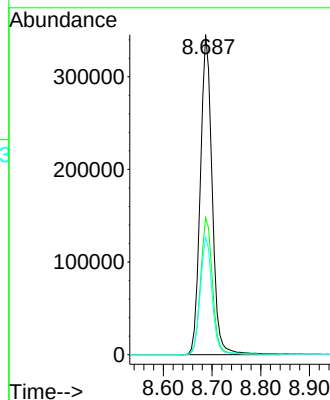
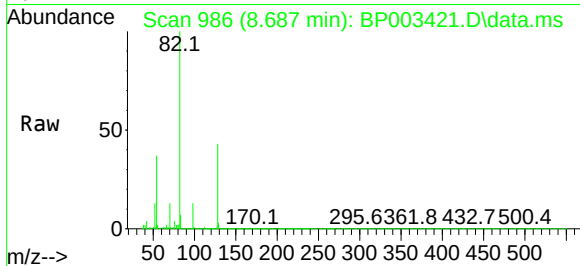




#23
Nitrobenzene-d5
Concen: 68.45 ng
RT: 8.687 min Scan# 986
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

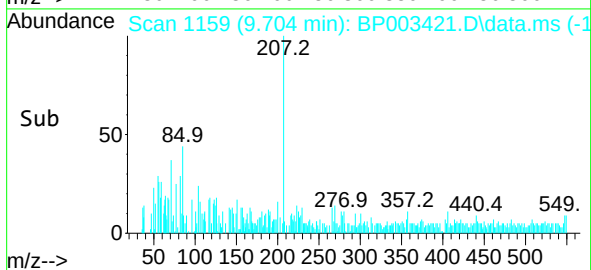
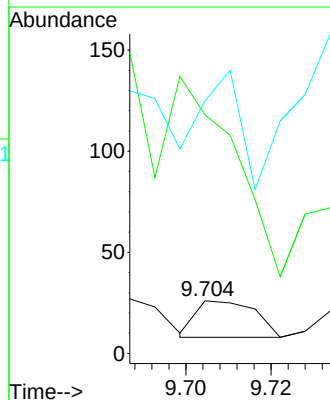
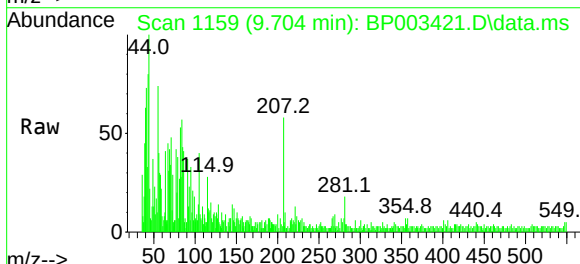
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ClientSampleId :
B-9(2-3)

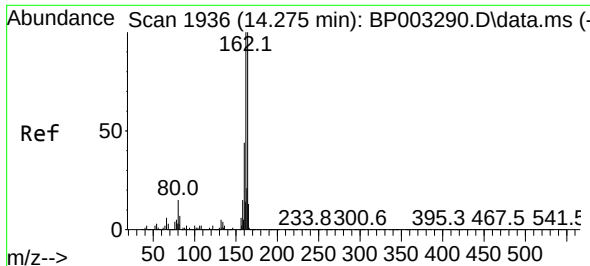
Tgt Ion: 82 Resp: 584991
Ion Ratio Lower Upper
82 100
128 42.8 45.6 68.4#
54 36.7 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion: 122 Resp: 17
Ion Ratio Lower Upper
122 100
105 453.8 94.1 134.1#
77 480.8 50.1 90.1#

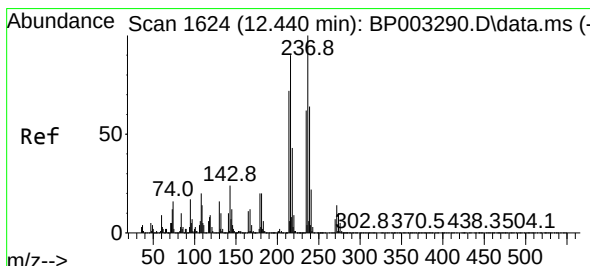
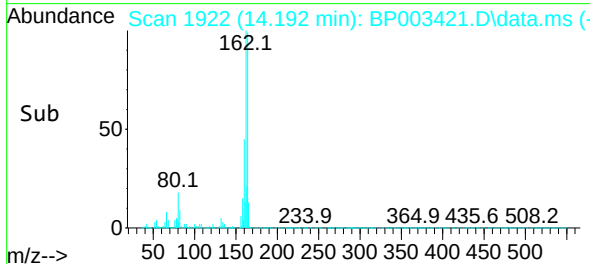
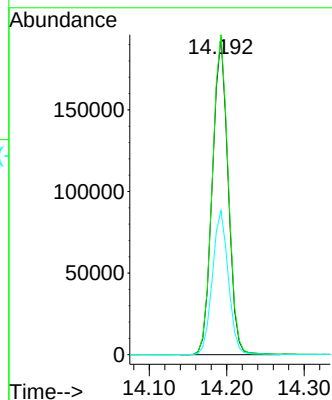
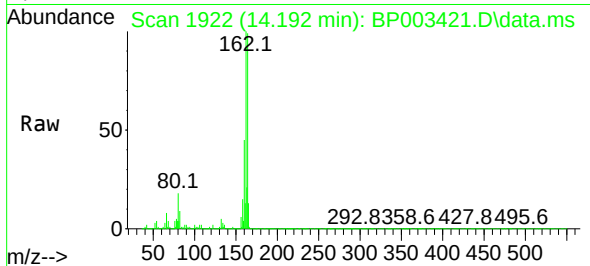




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

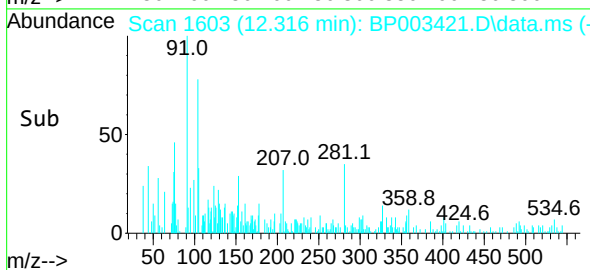
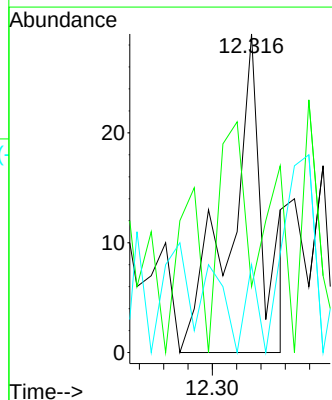
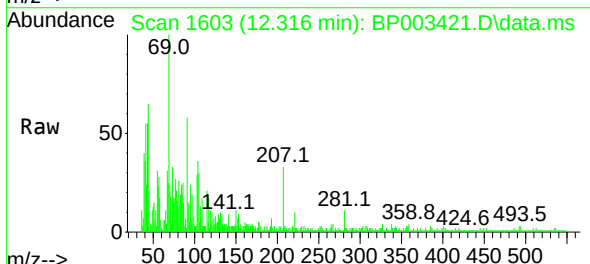
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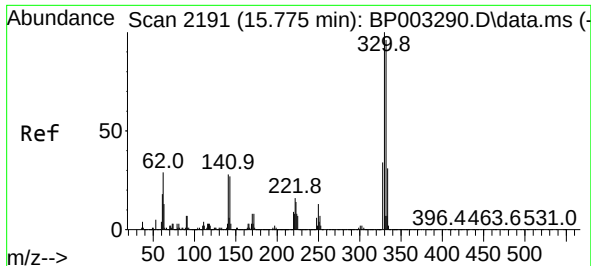
Tgt Ion:	164	Resp:	274507
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.4	119.2
160	45.4	36.1	54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.316 min Scan# 1603
Delta R.T. -0.035 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:	237	Resp:	28
Ion Ratio	Lower	Upper	
237	100		
235	48.3	43.2	83.2
272	27.6	0.0	33.3

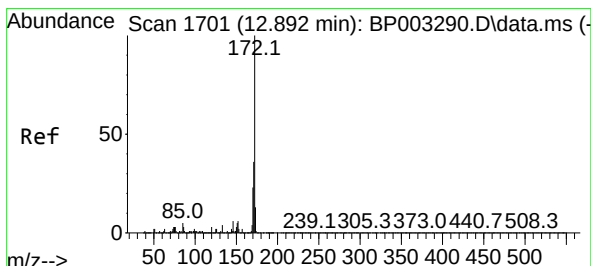
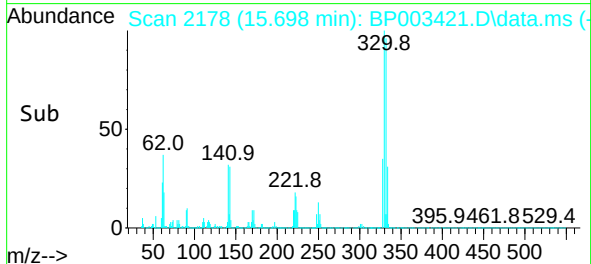
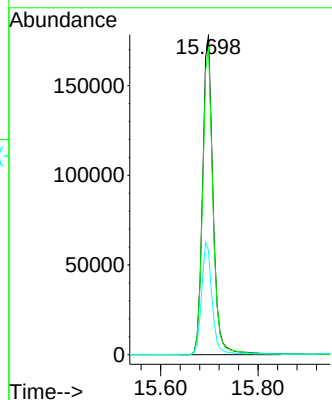
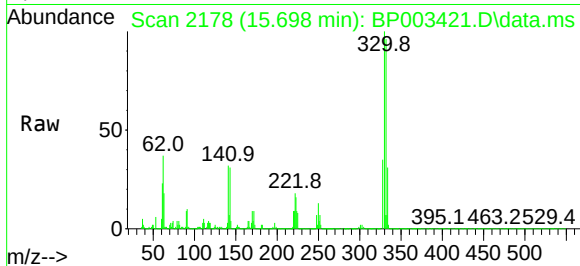




#42
2,4,6-Tribromophenol
Concen: 63.77 ng
RT: 15.698 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

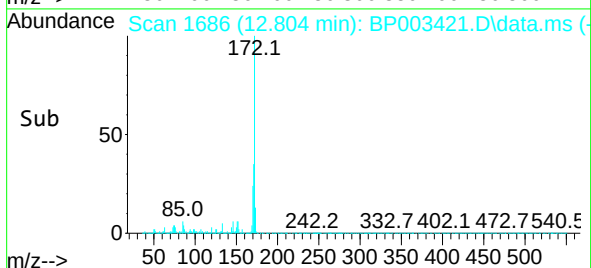
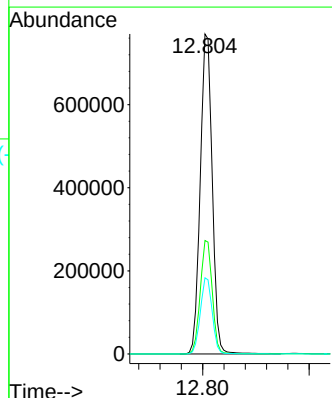
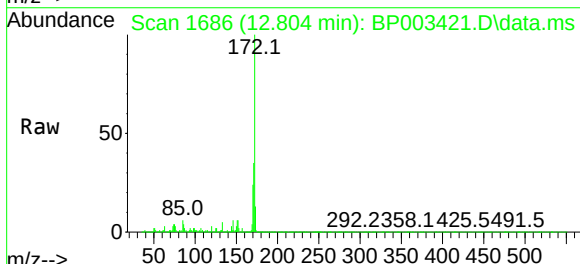
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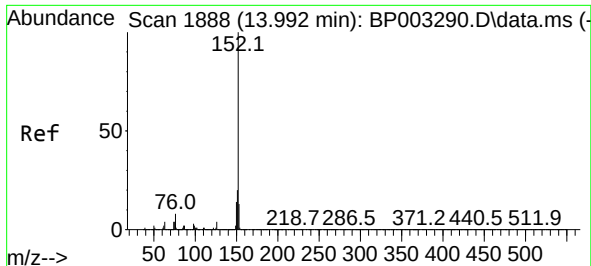
Tgt Ion:330 Resp: 266999
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 35.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 63.97 ng
RT: 12.804 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:172 Resp: 1200624
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 19.2 28.8

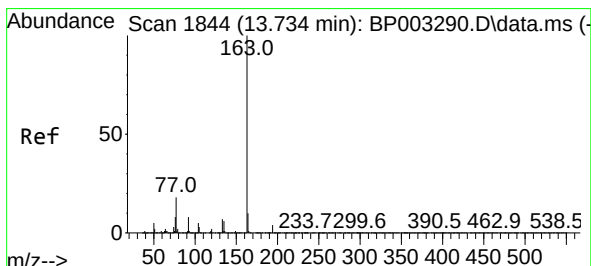
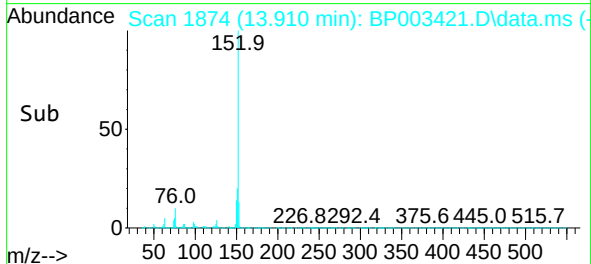
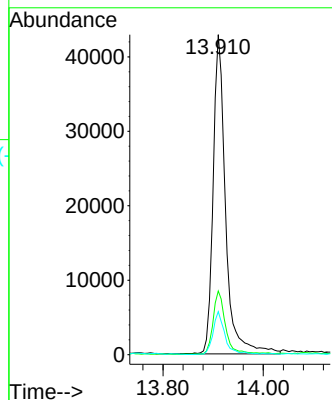
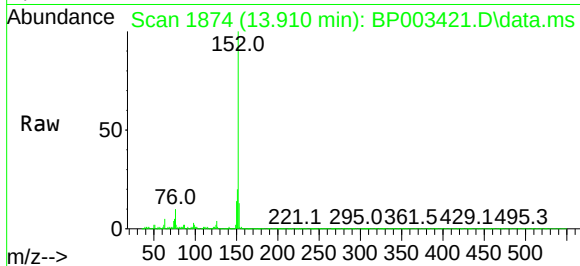




#49
Acenaphthylene
Concen: 2.85 ng
RT: 13.910 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

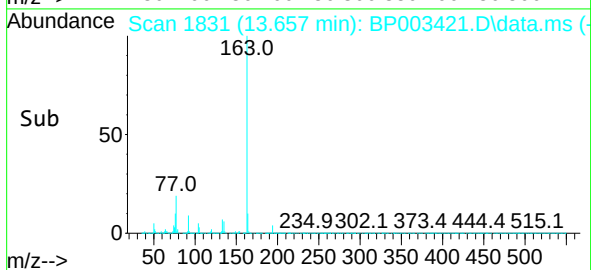
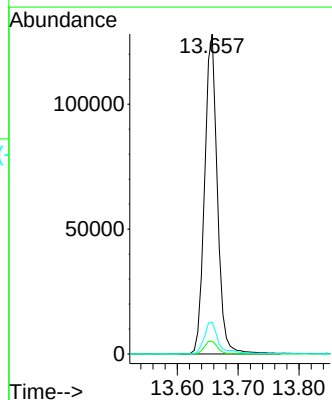
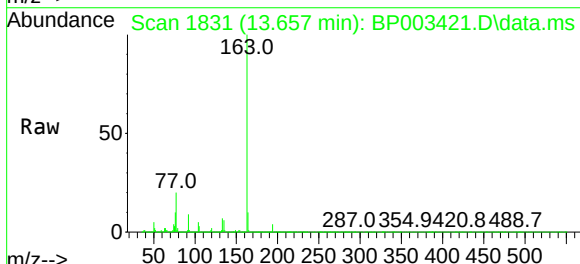
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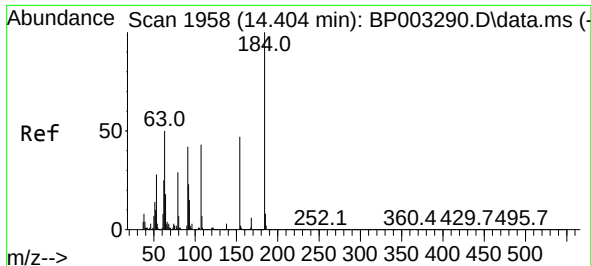
Tgt Ion:152	Resp:	73868
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	13.4	10.5 15.7



#50
Dimethylphthalate
Concen: 8.48 ng
RT: 13.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:163	Resp:	185779
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.3 4.9
164	9.9	8.2 12.2

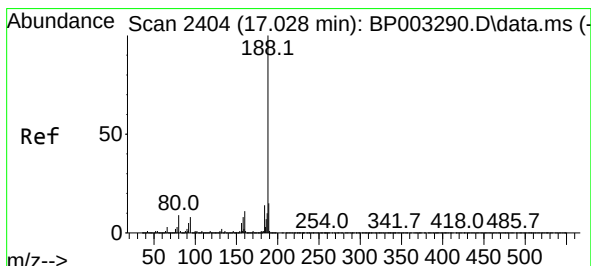
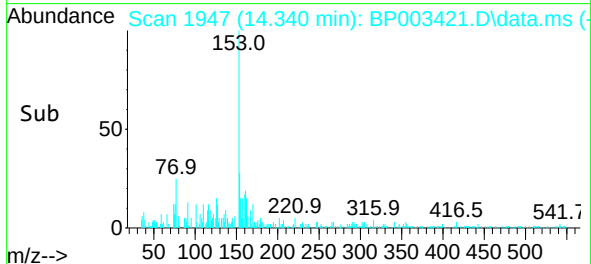
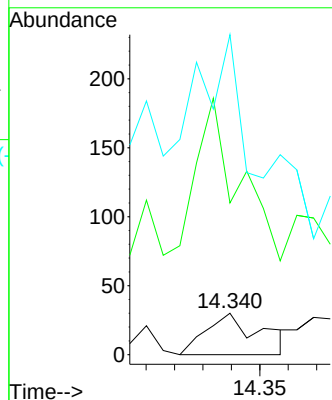
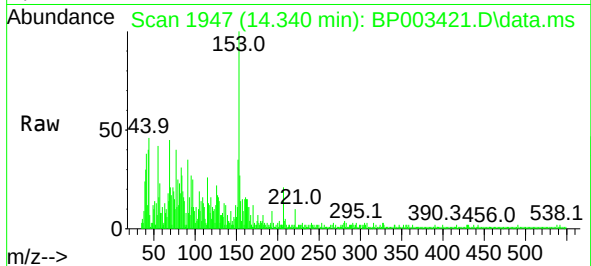




#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.340 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

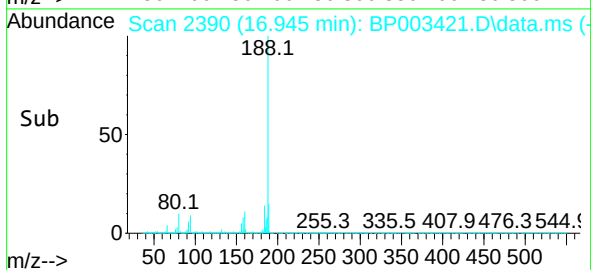
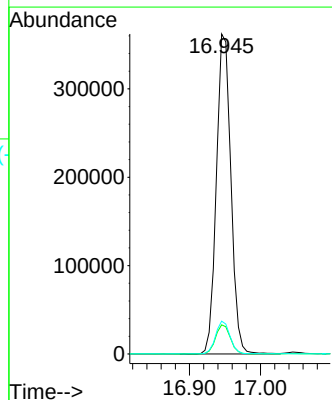
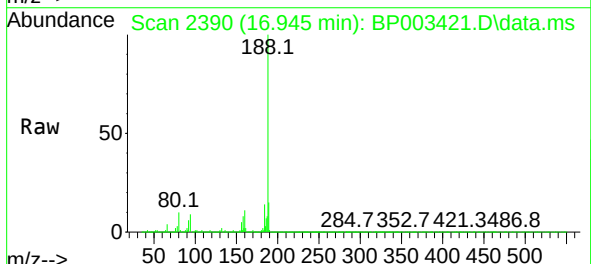
Instrument :
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ClientSampleId :
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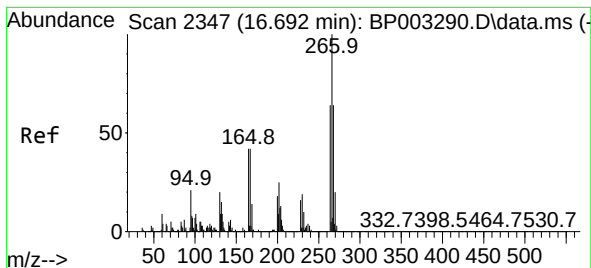
Tgt Ion:184 Resp: 40
Ion Ratio Lower Upper
184 100
63 366.7 32.3 48.5#
154 773.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:188 Resp: 512087
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.3 6.2 9.2#





#70

Pentachlorophenol

Concen: 6.79 ng

RT: 16.651 min Scan# 2340

Delta R.T. 0.029 min

Lab File: BP003421.D

Acq: 30 Sep 2020 19:29

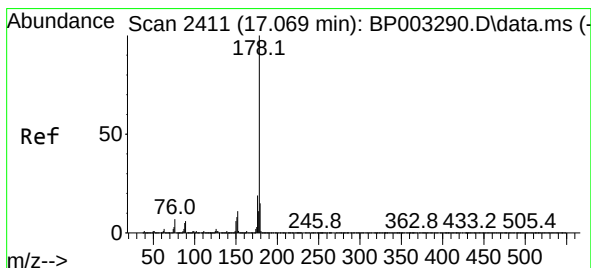
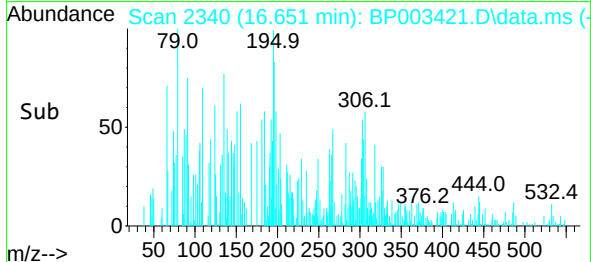
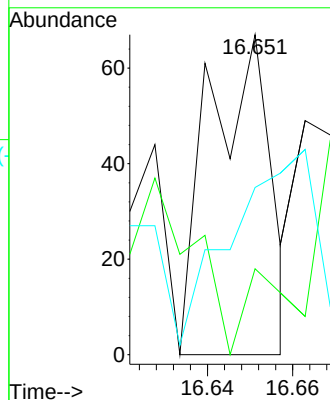
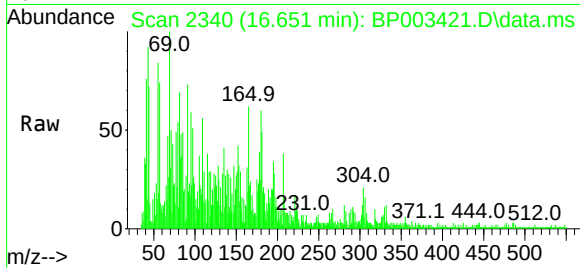
Instrument :

BNA_P

ClientSampleId :

B-9(2-3)

Tgt Ion:	266	Resp:	68
Ion Ratio	Lower	Upper	
266	100		
268	56.7	51.1	76.7
264	67.2	50.6	76.0



#71

Phenanthrene

Concen: 9.68 ng

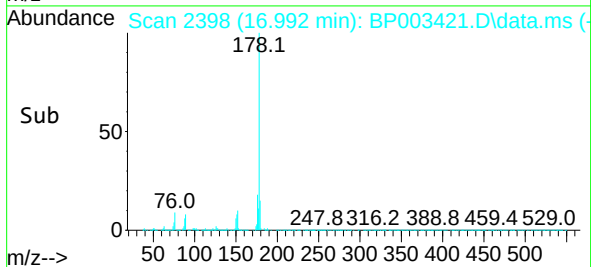
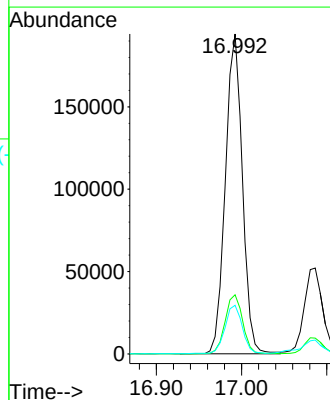
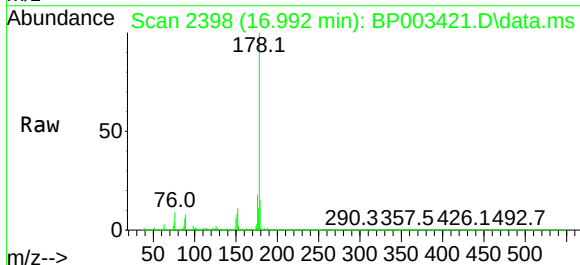
RT: 16.992 min Scan# 2398

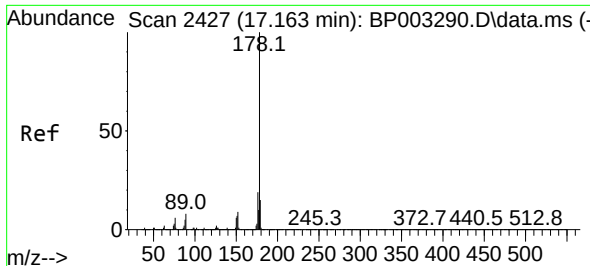
Delta R.T. -0.000 min

Lab File: BP003421.D

Acq: 30 Sep 2020 19:29

Tgt Ion:	178	Resp:	269773
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.3	22.9
179	15.2	12.5	18.7

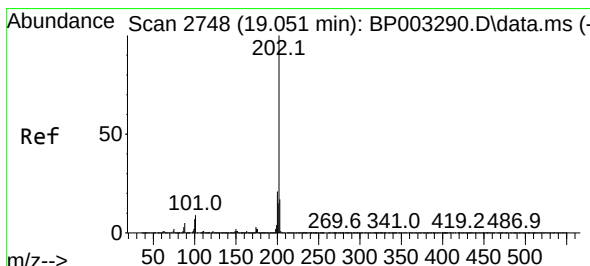
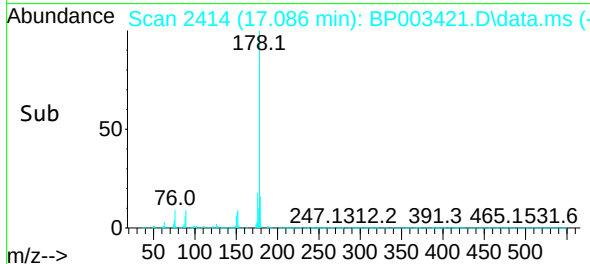
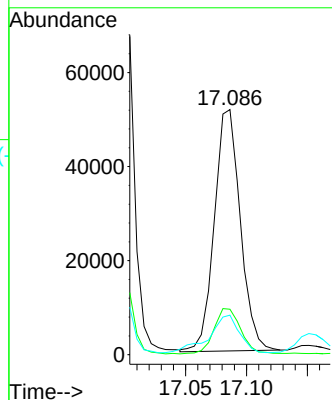
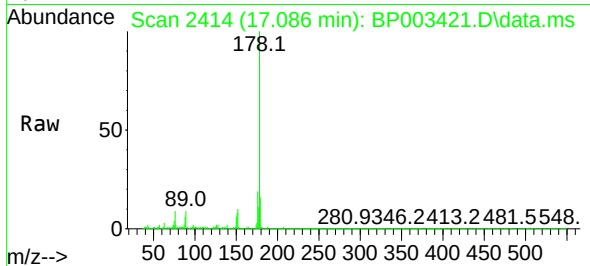




#72
 Anthracene
 Concen: 2.78 ng
 RT: 17.086 min Scan# 2414
 Delta R.T. 0.006 min
 Lab File: BP003421.D
 Acq: 30 Sep 2020 19:29

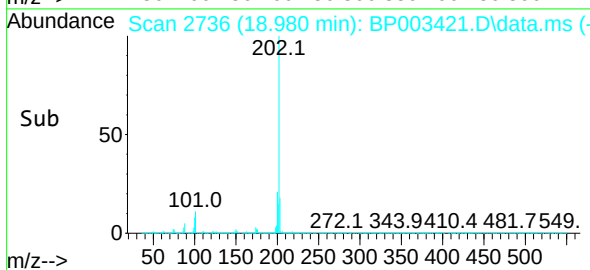
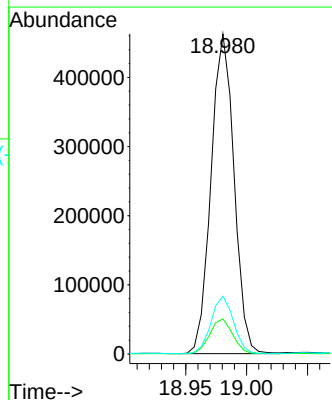
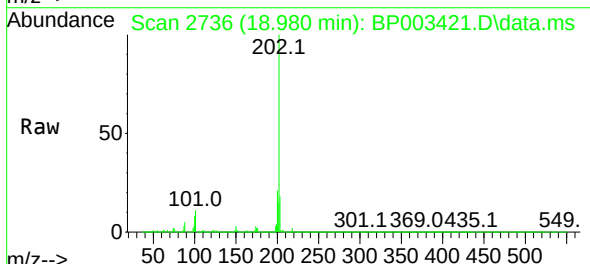
Instrument :
 BNA_P
 ClientSampleId :
 B-9(2-3)

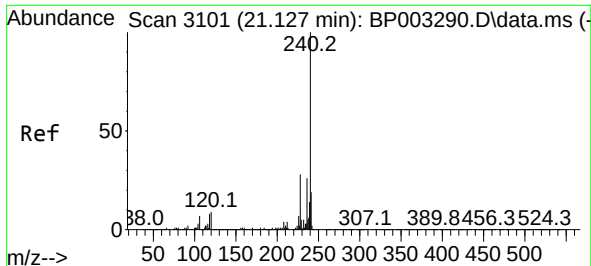
Tgt Ion:178 Resp: 76295
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 16.2 12.5 18.7



#75
 Fluoranthene
 Concen: 17.36 ng
 RT: 18.980 min Scan# 2736
 Delta R.T. -0.000 min
 Lab File: BP003421.D
 Acq: 30 Sep 2020 19:29

Tgt Ion:202 Resp: 607995
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 29.4
 203 18.0 0.0 37.8

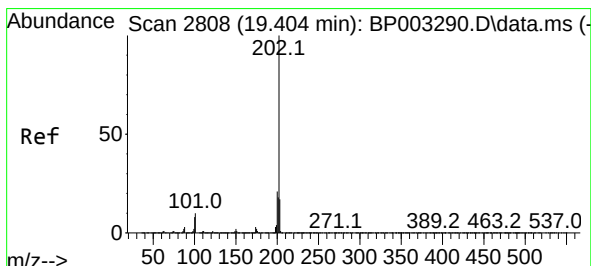
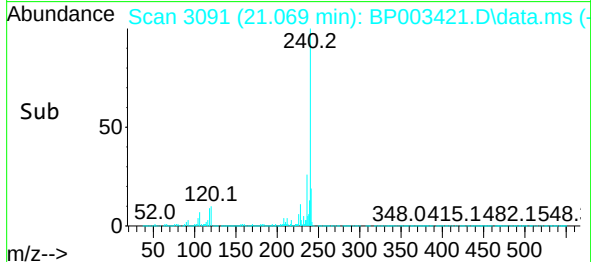
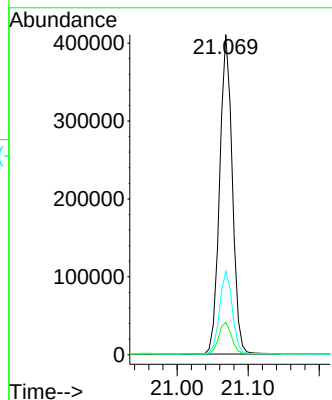
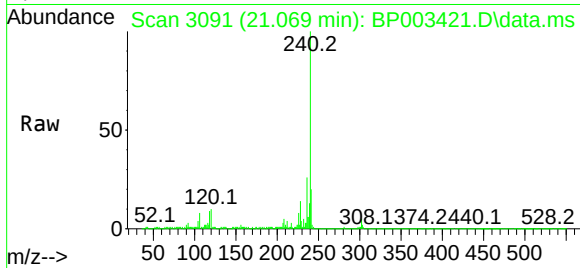




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

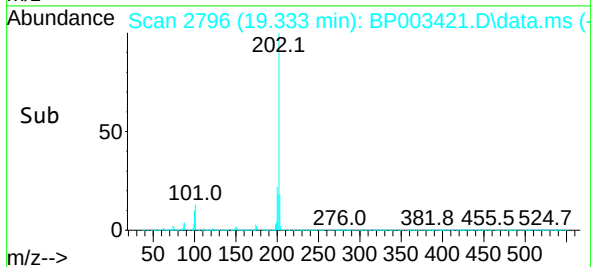
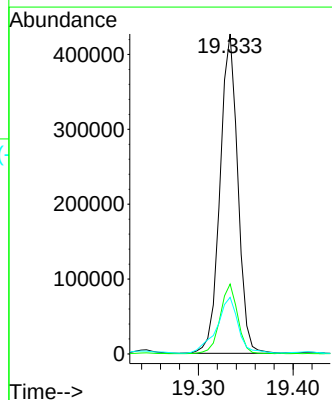
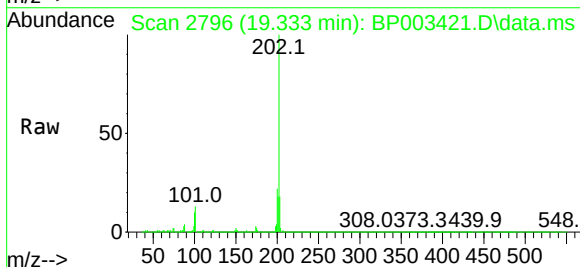
Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

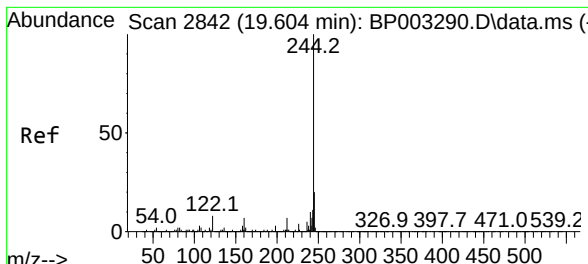
Tgt Ion:240 Resp: 504383
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 26.1 20.8 31.2



#78
Pyrene
Concen: 17.71 ng
RT: 19.333 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:202 Resp: 557180
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.7 14.2 21.2



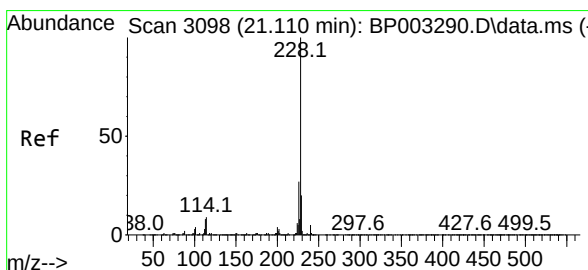
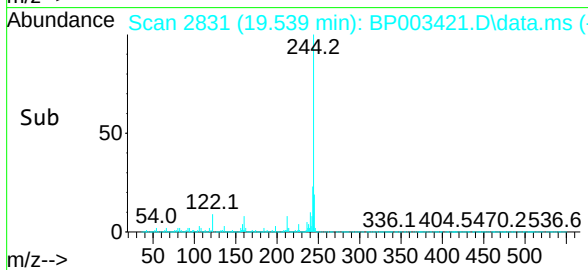
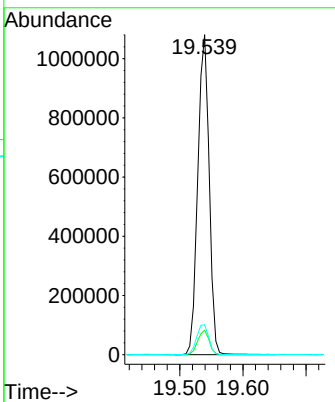
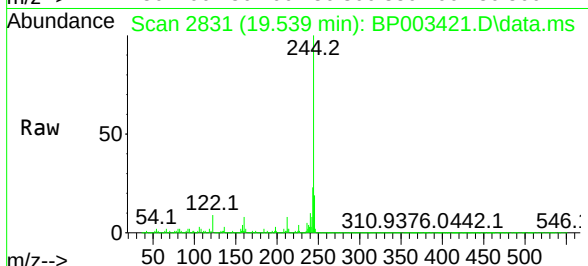


#79
 Terphenyl-d14
 Concen: 55.65 ng
 RT: 19.539 min Scan# 2831
 Delta R.T. 0.006 min
 Lab File: BP003421.D
 Acq: 30 Sep 2020 19:29

Instrument :
 BNA_P
ClientSampleId :
 B-9(2-3)

Tgt Ion:244 Resp: 1347234

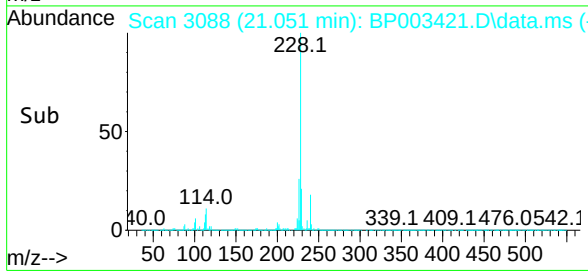
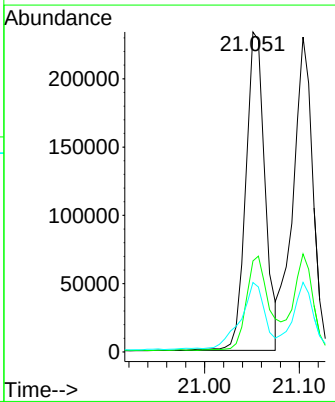
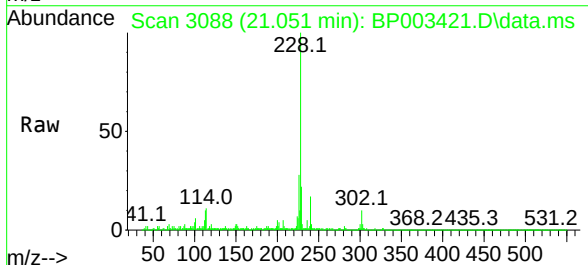
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.3	7.8	11.8

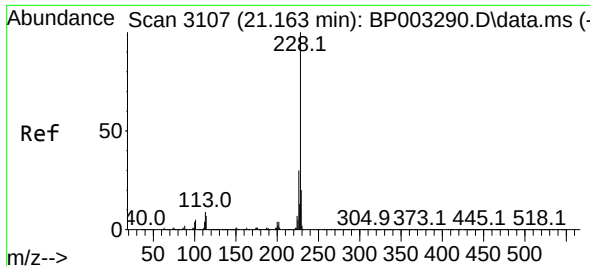


#81
 Benzo(a)anthracene
 Concen: 10.09 ng
 RT: 21.051 min Scan# 3088
 Delta R.T. 0.006 min
 Lab File: BP003421.D
 Acq: 30 Sep 2020 19:29

Tgt Ion:228 Resp: 329041

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	21.7	15.9	23.9

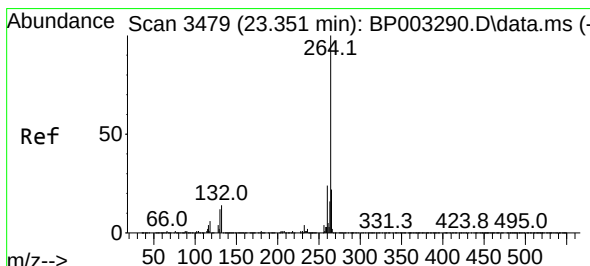
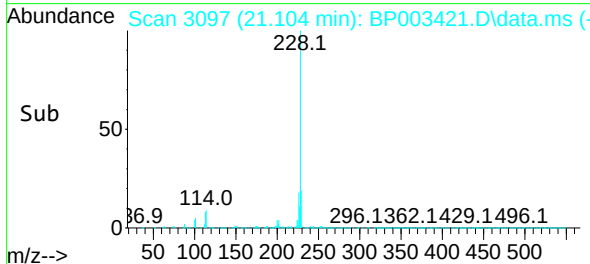
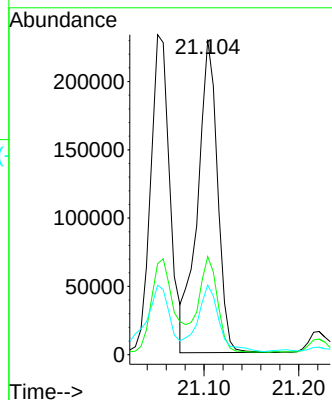
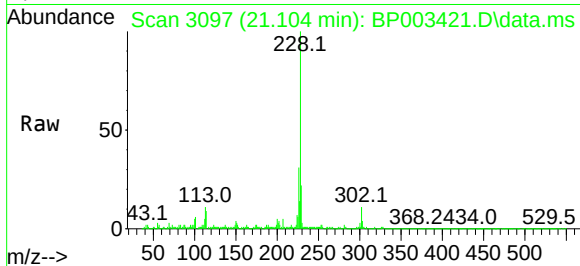




#83
Chrysene
Concen: 10.68 ng
RT: 21.104 min Scan# 3097
Delta R.T. 0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

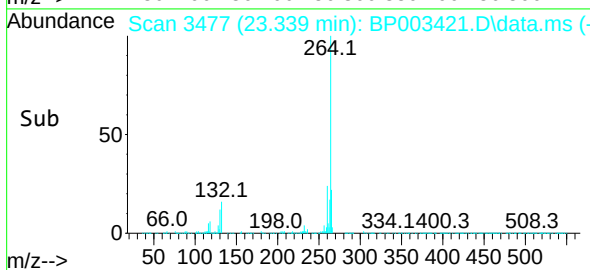
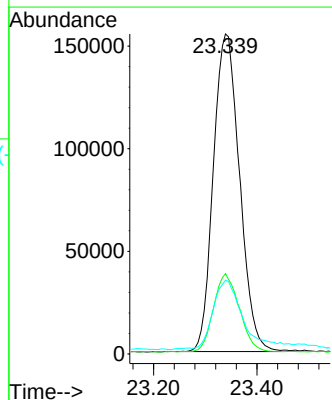
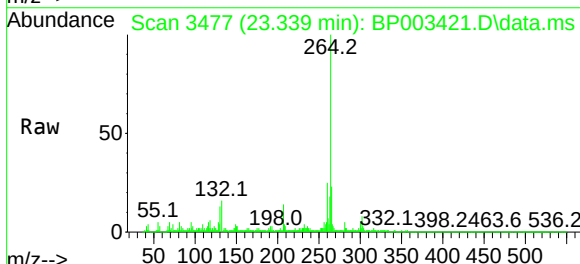
Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

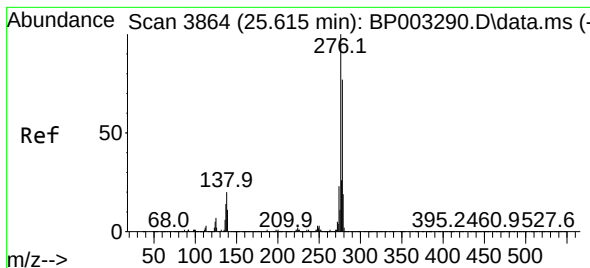
Tgt Ion:228 Resp: 334427
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 22.1 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.339 min Scan# 3477
Delta R.T. 0.082 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:264 Resp: 545164
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 23.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.19 ng

RT: 25.721 min Scan# 3882

Delta R.T. 0.223 min

Lab File: BP003421.D

Acq: 30 Sep 2020 19:29

Tgt Ion: 276 Resp: 214348

Ion Ratio Lower Upper

276 100

138 11.9 18.7 28.1#

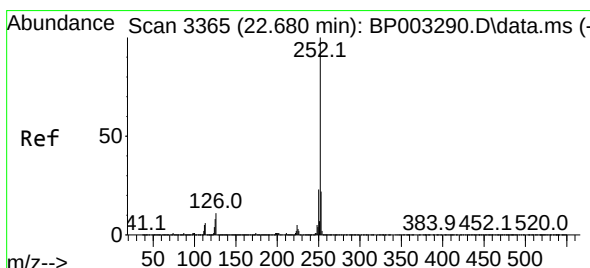
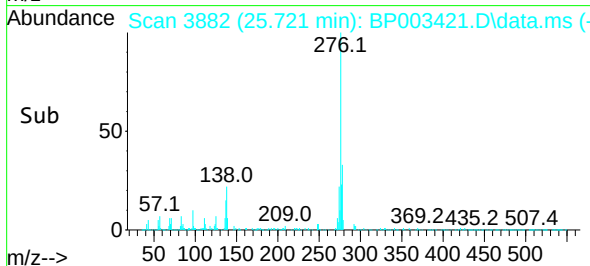
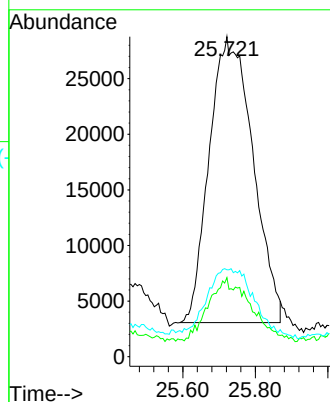
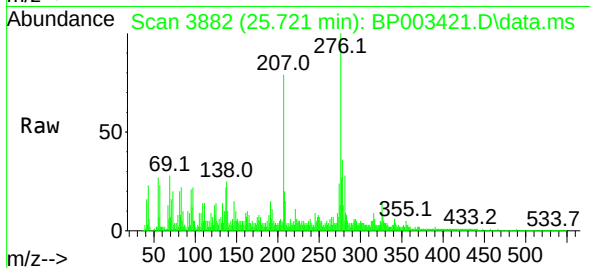
277 22.9 20.4 30.6

Instrument :

BNA_P

ClientSampleId :

B-9(2-3)



#88

Benzo(b)fluoranthene

Concen: 17.54 ng

RT: 22.651 min Scan# 3360

Delta R.T. 0.059 min

Lab File: BP003421.D

Acq: 30 Sep 2020 19:29

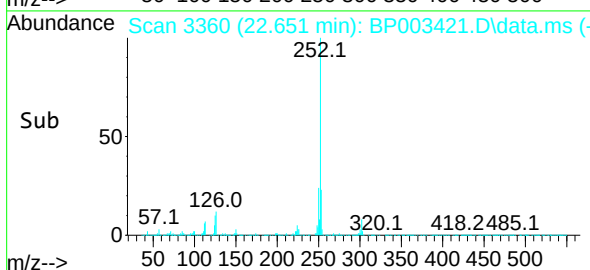
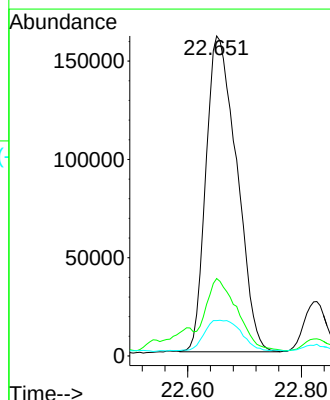
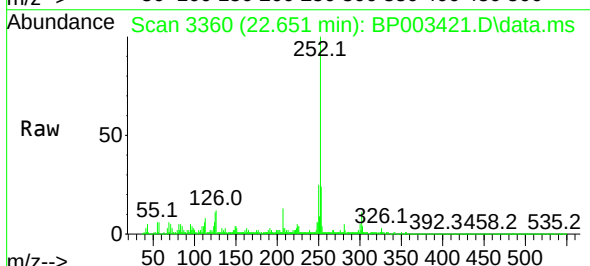
Tgt Ion: 252 Resp: 603911

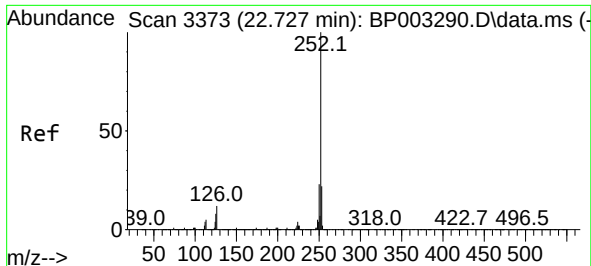
Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 11.1 7.3 10.9#

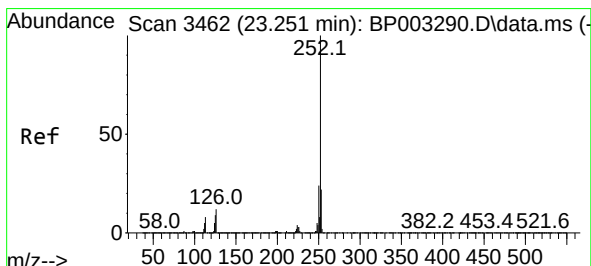
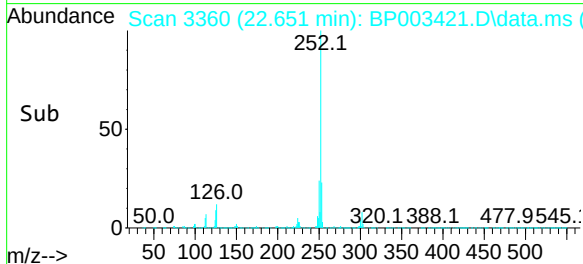
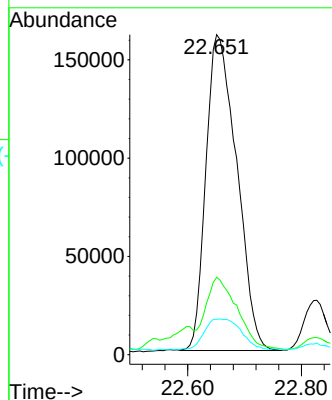
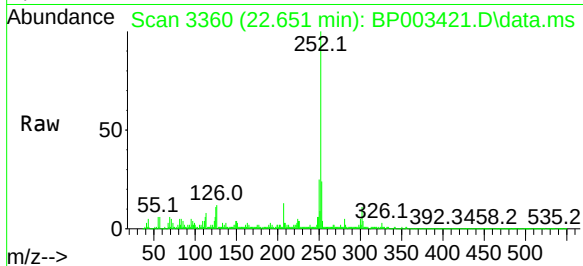




#89
Benzo(k)fluoranthene
Concen: 18.30 ng
RT: 22.651 min Scan# 3360
Delta R.T. 0.006 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

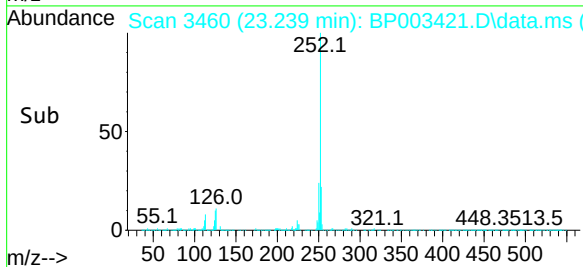
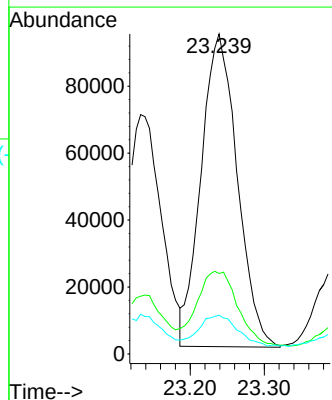
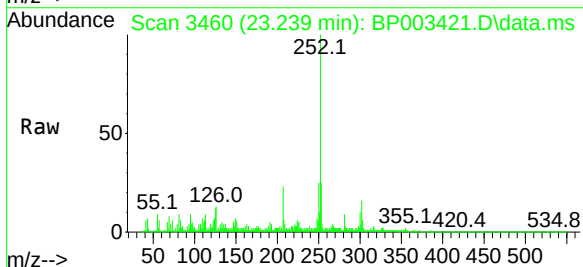
Instrument :
BNA_P
ClientSampleId :
B-9(2-3)

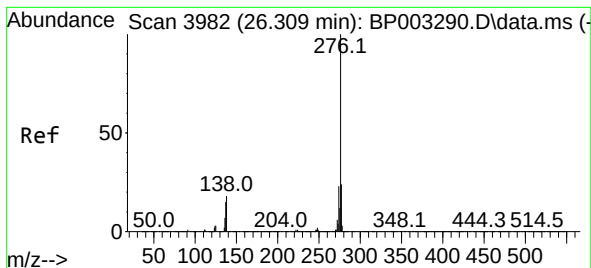
Tgt Ion:252 Resp: 603911
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 11.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 9.77 ng
RT: 23.239 min Scan# 3460
Delta R.T. 0.076 min
Lab File: BP003421.D
Acq: 30 Sep 2020 19:29

Tgt Ion:252 Resp: 317300
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.0
125 12.1 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 3.09 ng

RT: 26.486 min Scan# 4012

Delta R.T. 0.288 min

Lab File: BP003421.D

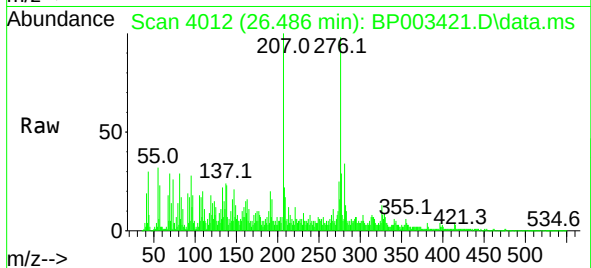
Acq: 30 Sep 2020 19:29

Instrument :

BNA_P

ClientSampleId :

B-9(2-3)



Tgt Ion:276 Resp: 105080

Ion Ratio Lower Upper

276 100

277 29.5 19.0 28.6#

138 23.6 16.6 24.8

