

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003309.D
 Acq On : 16 Sep 2020 19:17
 Operator : CG/JU
 Sample : L4020-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-370

Quant Time: Sep 17 02:31:40 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 16 13:18:39 2020
 Response via : Initial Calibration

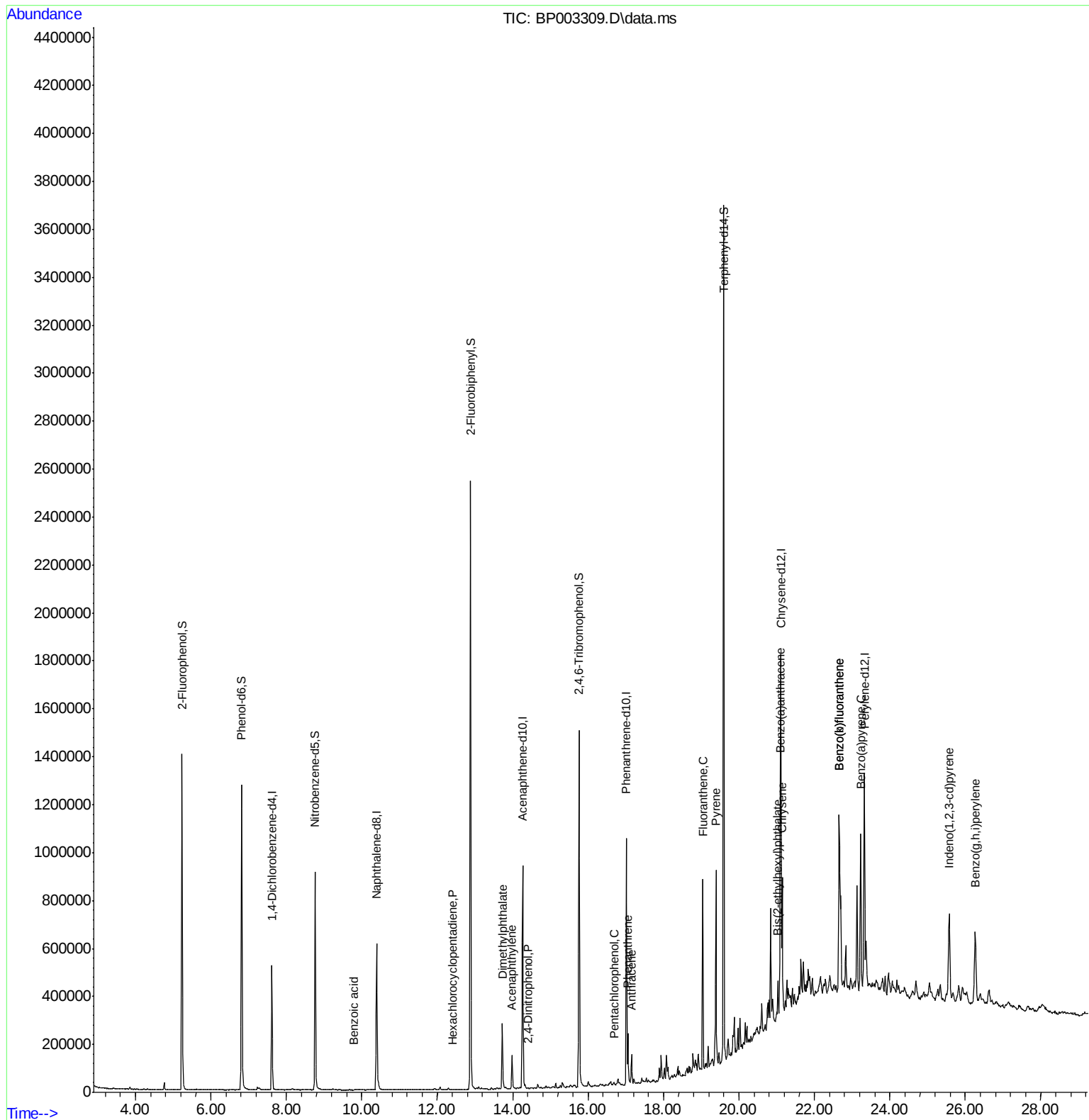
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	147582	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	574857	20.00	ng	# 0.00
39) Acenaphthene-d10	14.263	164	336357	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	642828	20.00	ng	0.00
76) Chrysene-d12	21.110	240	578553	20.00	ng	0.00
86) Perylene-d12	23.321	264	645621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	688863	81.50	ng	0.00
7) Phenol-d6	6.811	99	871022	77.32	ng	0.00
23) Nitrobenzene-d5	8.763	82	577957	59.07	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	336711	65.63	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1365336	59.37	ng	0.00
79) Terphenyl-d14	19.592	244	1521919	54.81	ng	0.00
Target Compounds						
32) Benzoic acid	9.781	122	36	9.16	ng	# 55
41) Hexachlorocyclopentadiene	12.416	237	25	6.85	ng	89
49) Acenaphthylene	13.981	152	118208	3.72	ng	98
50) Dimethylphthalate	13.722	163	194696	7.25	ng	99
54) 2,4-Dinitrophenol	14.410	184	17	7.26	ng	# 1
70) Pentachlorophenol	16.704	266	368	6.85	ng	# 74
71) Phenanthrene	17.057	178	126594	3.62	ng	99
72) Anthracene	17.151	178	83763	2.43	ng	99
75) Fluoranthene	19.039	202	481176	10.94	ng	100
78) Pyrene	19.386	202	483649	13.40	ng	100
81) Benzo(a)anthracene	21.092	228	368711	9.86	ng	96
83) Chrysene	21.145	228	328682	9.15	ng	98
84) Bis(2-ethylhexyl)phtha...	21.033	149	57793	2.49	ng	99
87) Indeno(1,2,3-cd)pyrene	25.574	276	355424	7.26	ng	# 94
88) Benzo(b)fluoranthene	22.657	252	611614	15.00	ng	97
89) Benzo(k)fluoranthene	22.657	252	611614	15.65	ng	98
90) Benzo(a)pyrene	23.227	252	452714	11.78	ng	98
92) Benzo(g,h,i)perylene	26.262	276	368046	9.13	ng	95

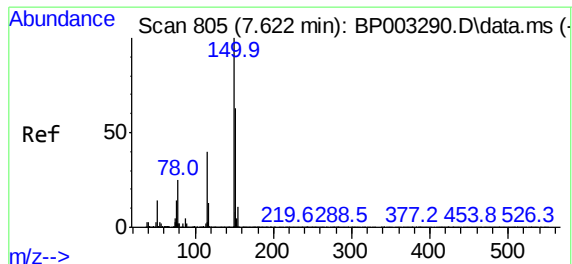
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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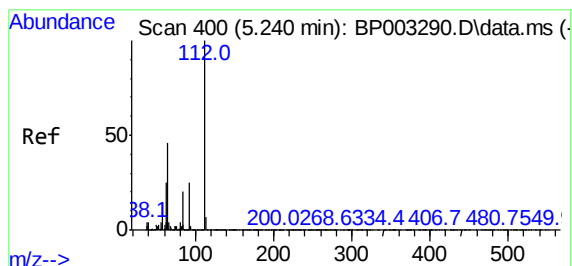
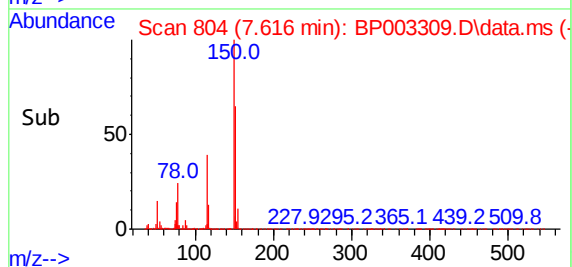
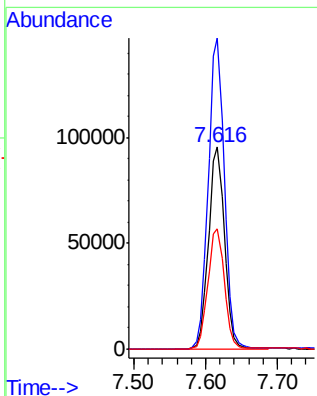
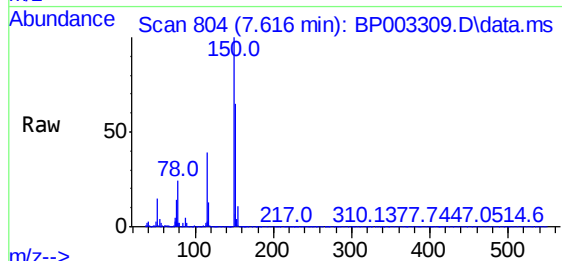




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

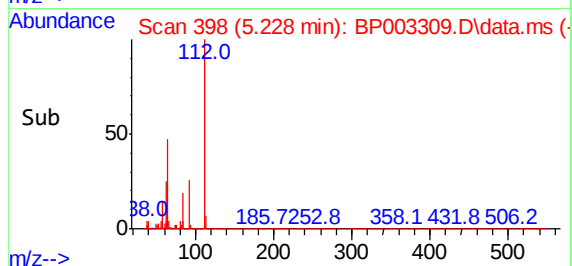
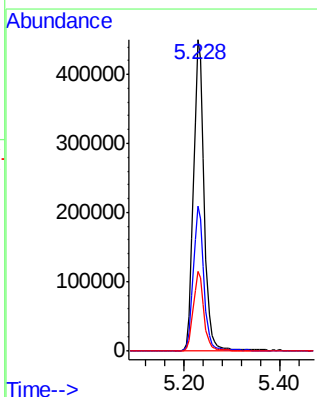
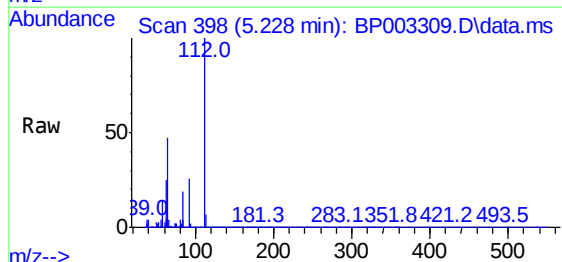
Instrument :
BNA_P
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ETGI-370

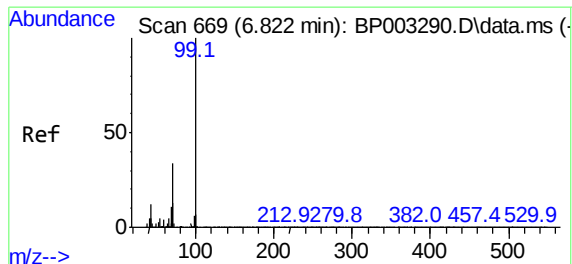
Tgt Ion:152 Resp: 147582
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 59.5 43.8 65.6



#5
2-Fluorophenol
Concen: 81.50 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:112 Resp: 688863
Ion Ratio Lower Upper
112 100
64 46.6 32.8 49.2
63 25.5 17.0 25.4#

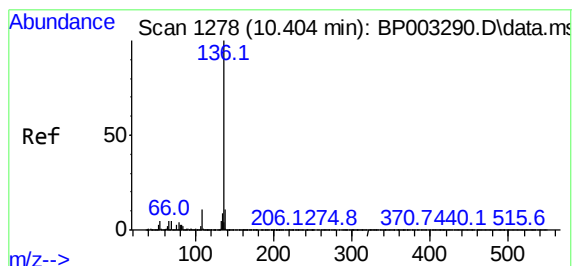
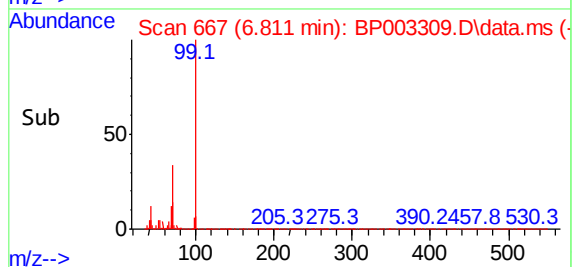
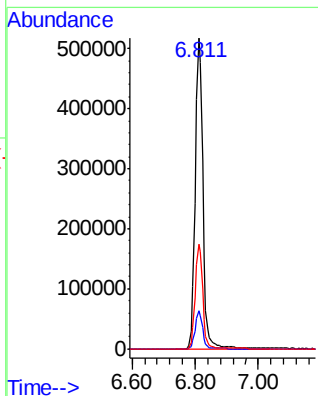
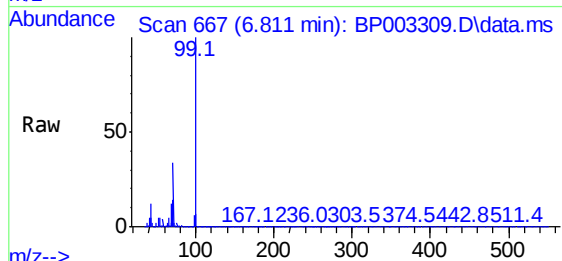




#7
Phenol-d6
Concen: 77.32 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

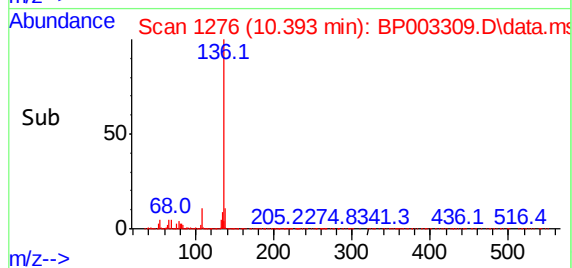
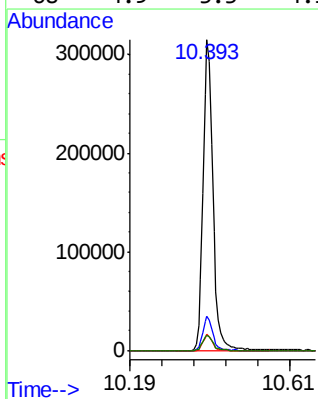
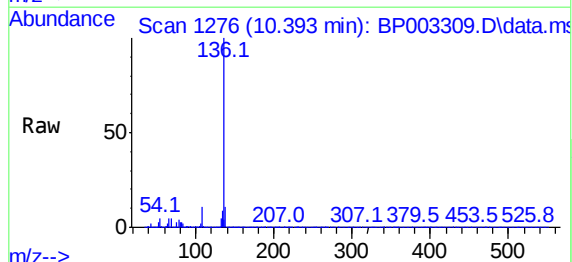
Instrument :
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ClientSampleId :
ETGI-370

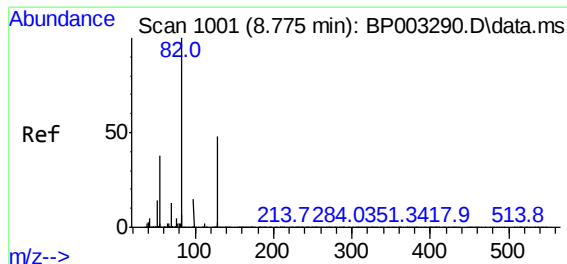
Tgt Ion: 99 Resp: 871022
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 33.7 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion: 136 Resp: 574857
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.1 3.6 5.4
68 4.9 3.3 4.9#

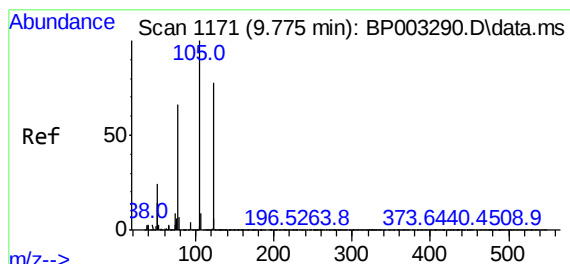
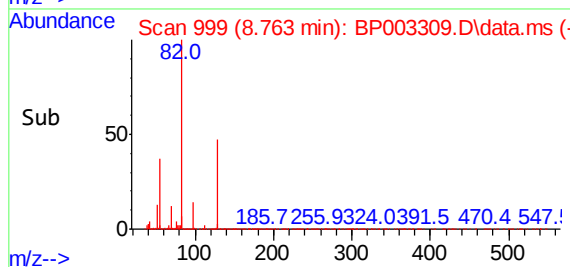
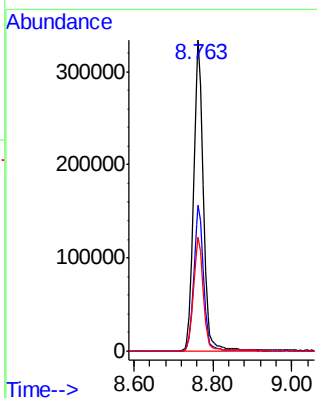
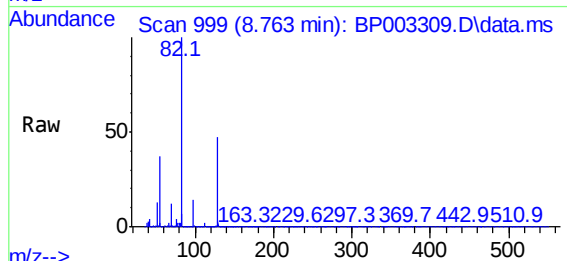




#23
Nitrobenzene-d5
Concen: 59.07 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

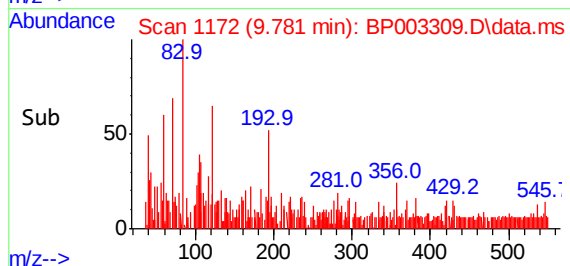
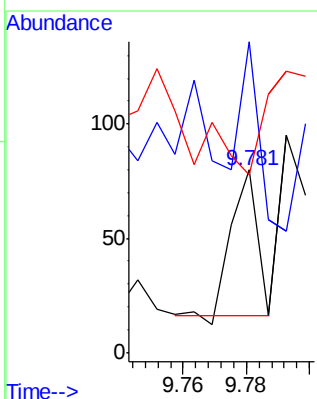
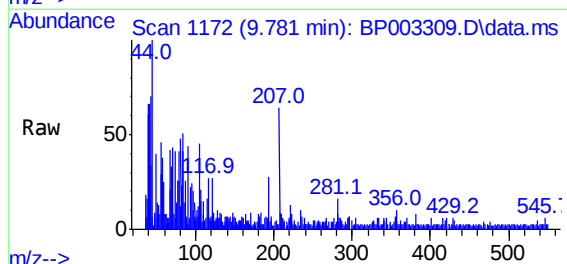
Instrument :
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ClientSampleId :
ETGI-370

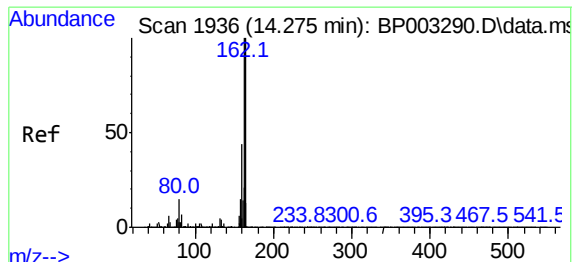
Tgt Ion: 82 Resp: 577957
Ion Ratio Lower Upper
82 100
128 46.9 45.6 68.4
54 36.6 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.781 min Scan# 1172
Delta R.T. 0.024 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:122 Resp: 36
Ion Ratio Lower Upper
122 100
105 170.0 94.1 134.1#
77 97.5 50.1 90.1#

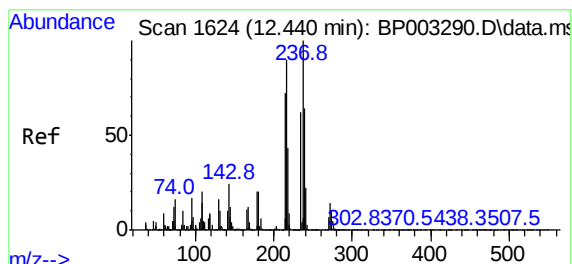
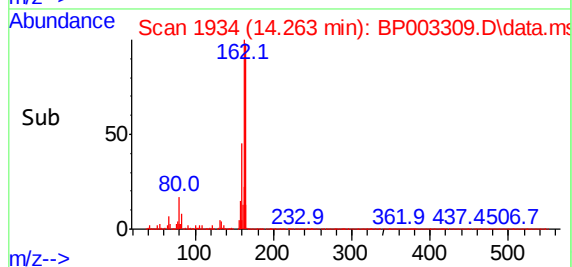
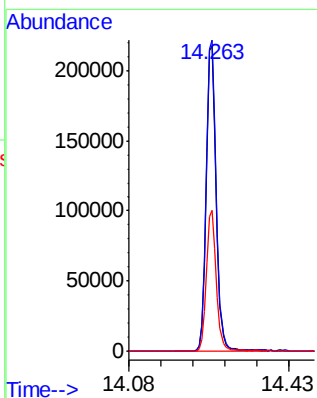
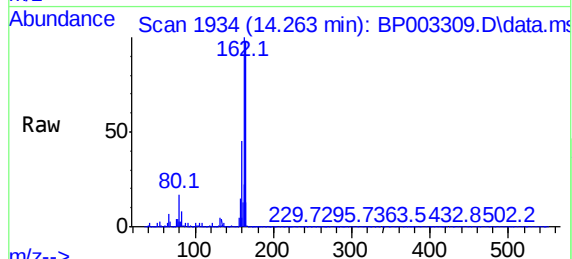




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

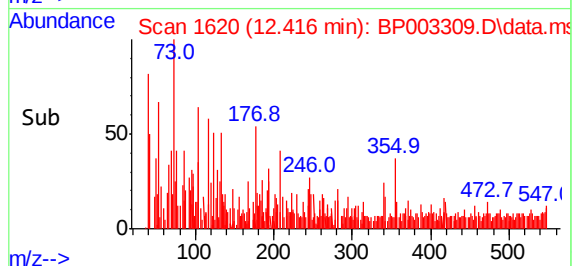
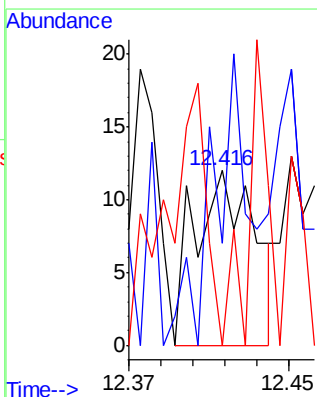
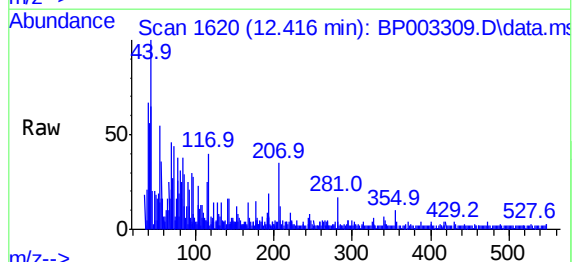
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BNA_P
ClientSampleId :
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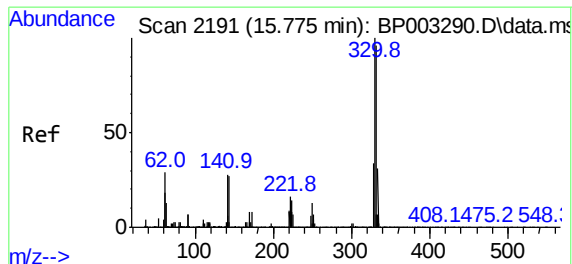
Tgt Ion:164 Resp: 336357
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.2
160 46.3 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.416 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 58.3 43.2 83.2
272 0.0 0.0 33.3

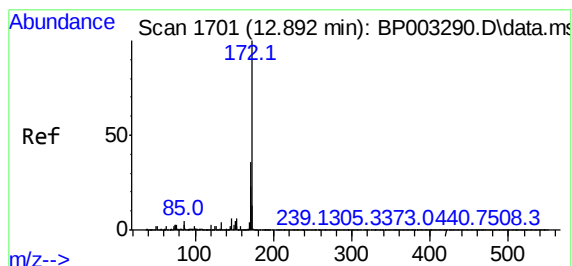
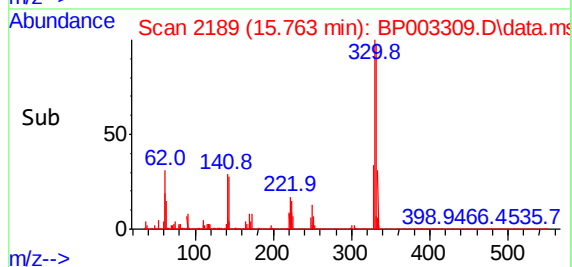
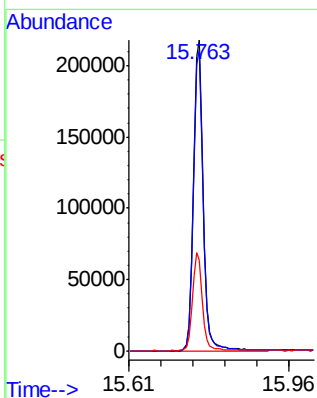
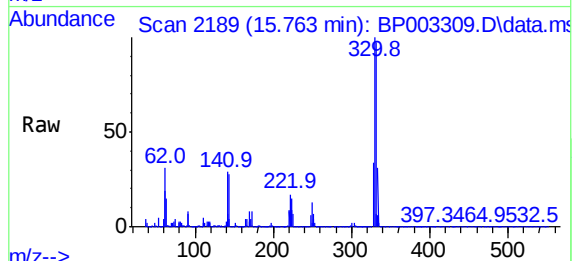




#42
2,4,6-Tribromophenol
Concen: 65.63 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

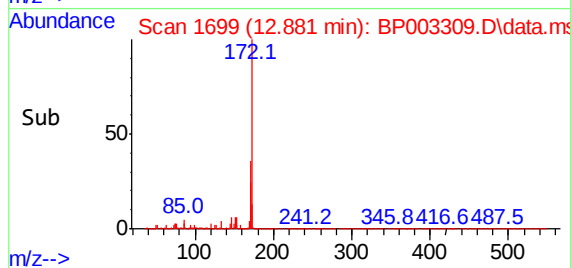
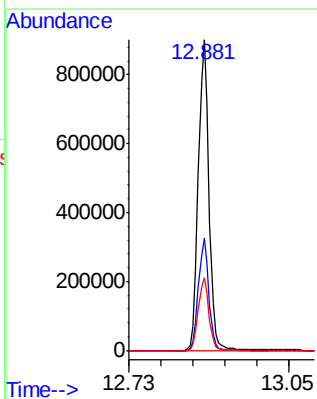
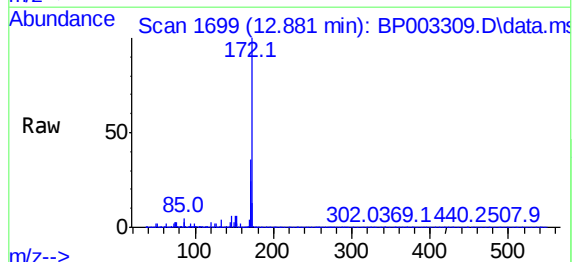
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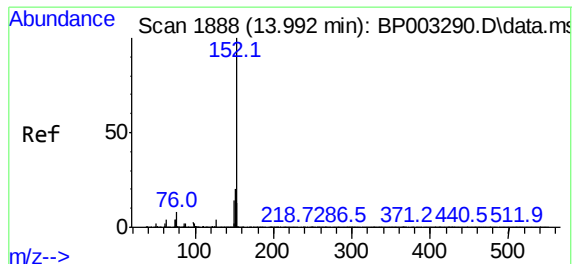
Tgt Ion:330 Resp: 336711
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.37 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:172 Resp: 1365336
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 19.2 28.8

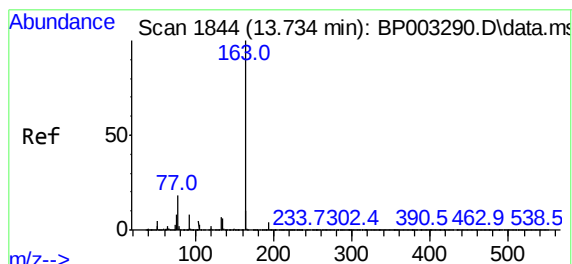
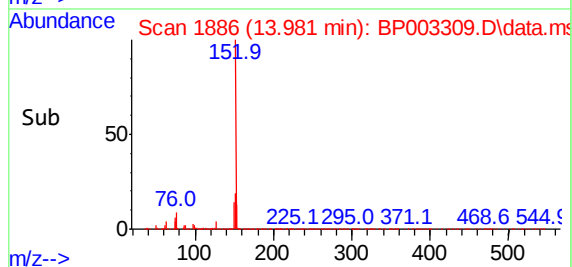
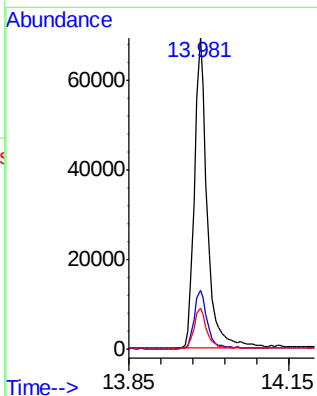
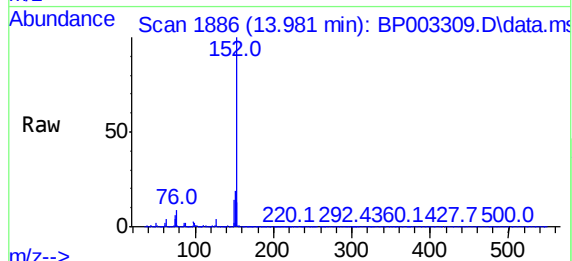




#49
Acenaphthylene
Concen: 3.72 ng
RT: 13.981 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

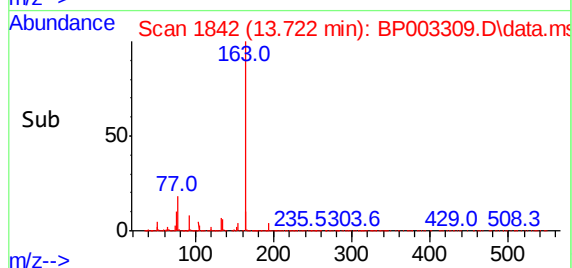
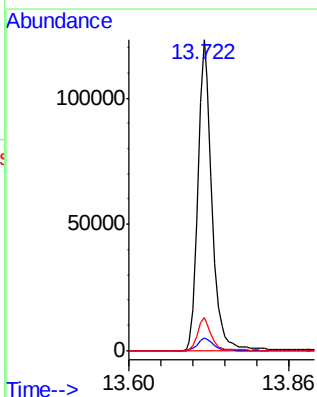
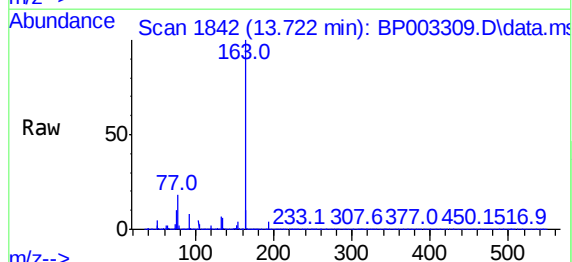
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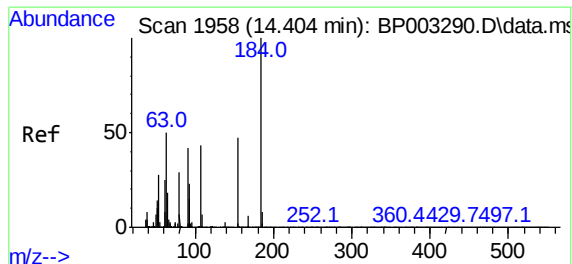
Tgt Ion:152 Resp: 118208
Ion Ratio Lower Upper
152 100
151 18.8 15.9 23.9
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 7.25 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:163 Resp: 194696
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2

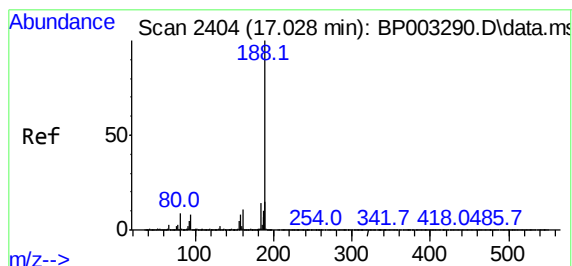
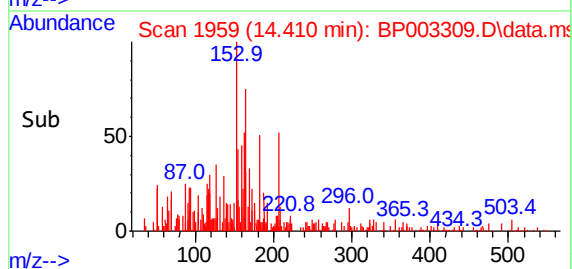
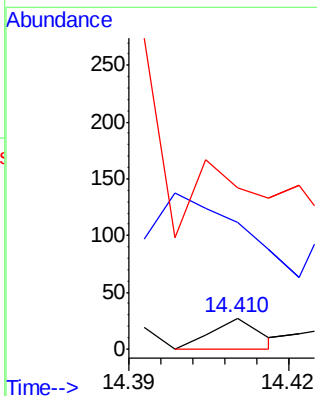
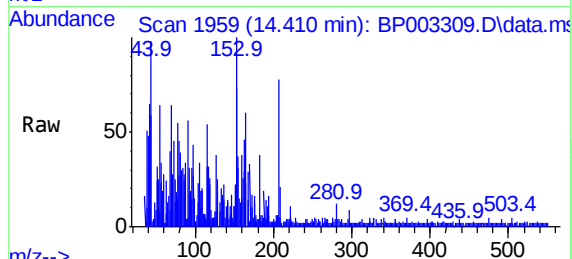




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.410 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

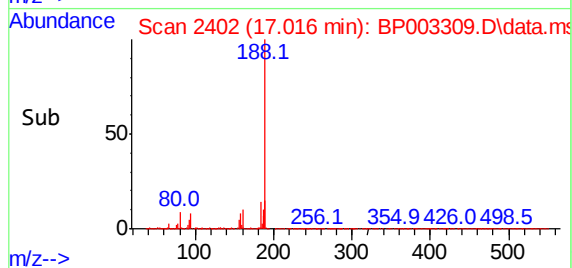
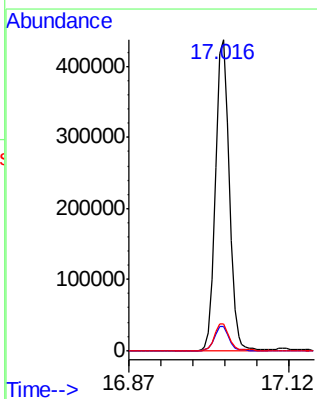
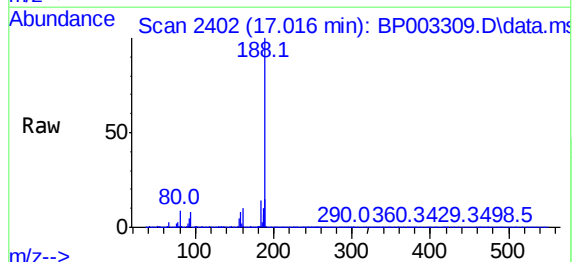
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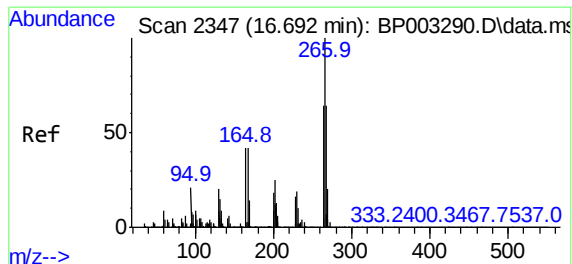
Tgt Ion:	184	Resp:	17
Ion	Ratio	Lower	Upper
184	100		
63	414.8	32.3	48.5#
154	525.9	49.1	73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:	188	Resp:	642828
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.7	6.2	9.2

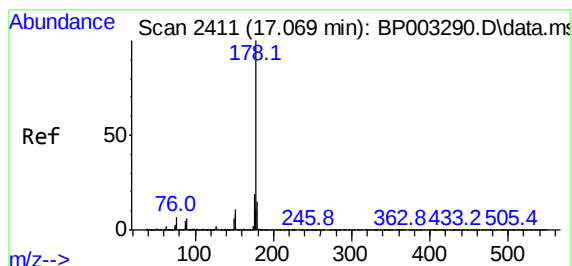
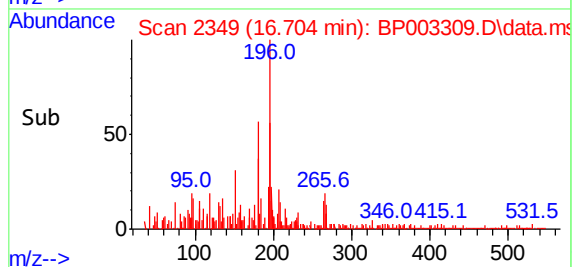
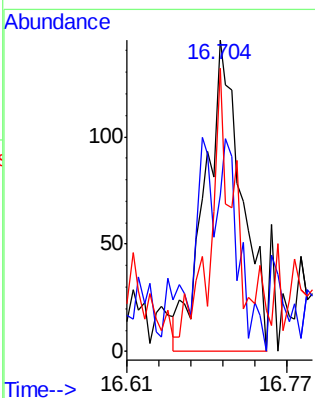
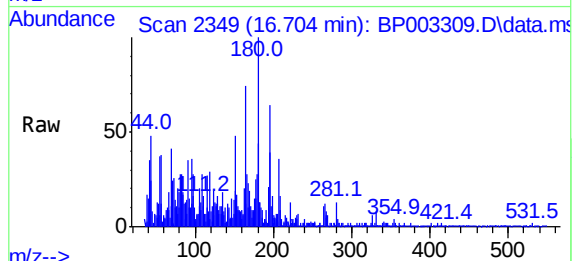




#70
Pentachlorophenol
Concen: 6.85 ng
RT: 16.704 min Scan# 2349
Delta R.T. 0.018 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

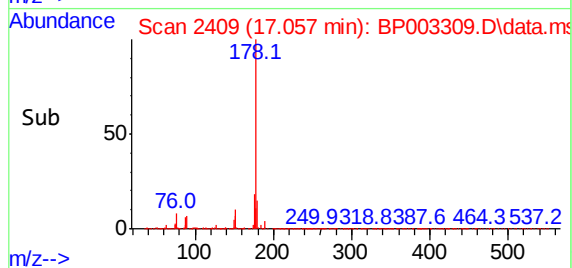
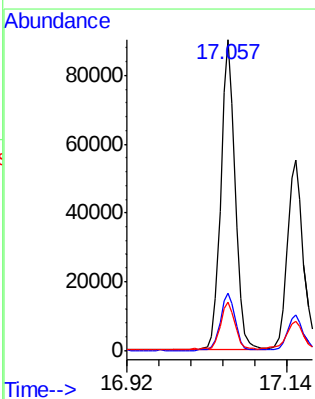
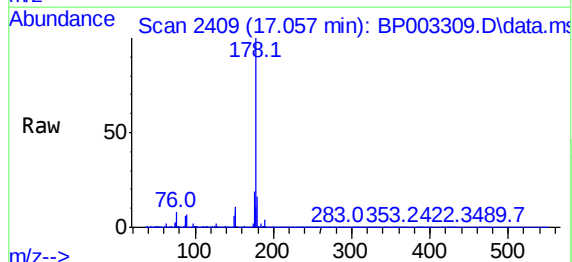
Instrument :
BNA_P
ClientSampleId :
ETGI-370

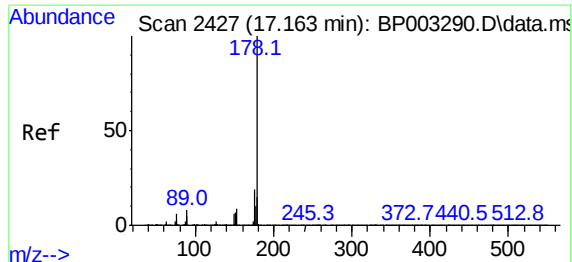
Tgt Ion:266 Resp: 368
Ion Ratio Lower Upper
266 100
268 50.3 51.1 76.7#
264 91.0 50.6 76.0#



#71
Phenanthrene
Concen: 3.62 ng
RT: 17.057 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:178 Resp: 126594
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.6 12.5 18.7

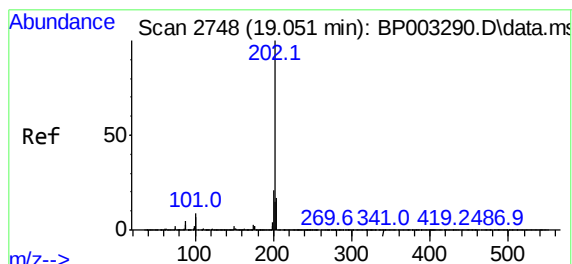
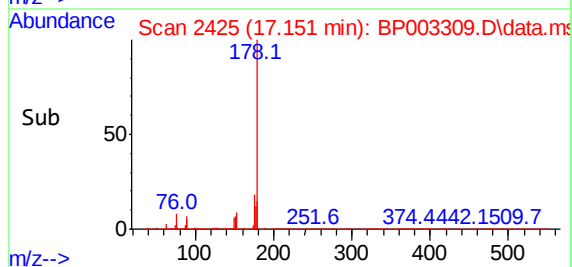
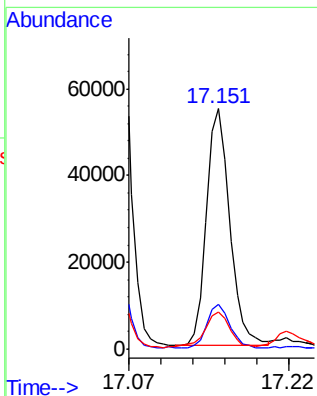
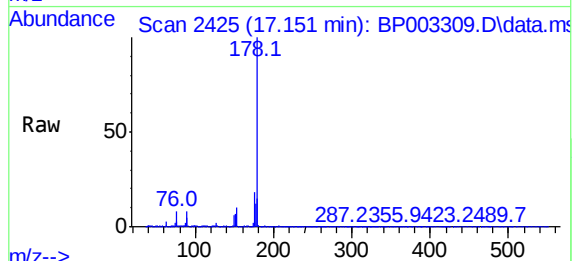




#72
 Anthracene
 Concen: 2.43 ng
 RT: 17.151 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BP003309.D
 Acq: 16 Sep 2020 19:17

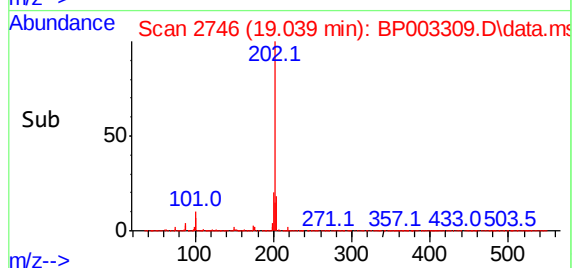
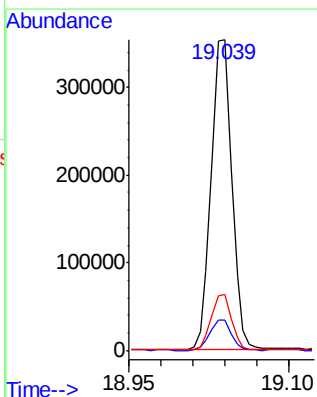
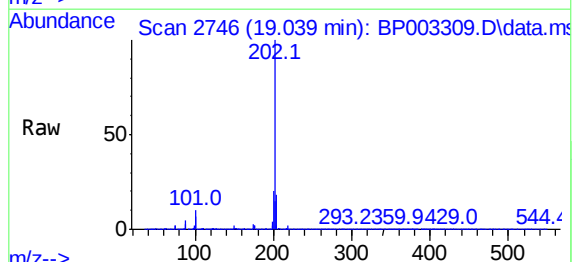
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-370

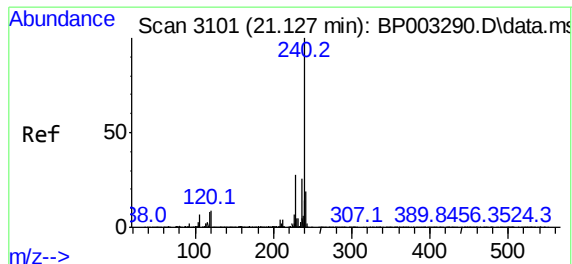
Tgt Ion:178 Resp: 83763
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 15.4 12.5 18.7



#75
 Fluoranthene
 Concen: 10.94 ng
 RT: 19.039 min Scan# 2746
 Delta R.T. 0.000 min
 Lab File: BP003309.D
 Acq: 16 Sep 2020 19:17

Tgt Ion:202 Resp: 481176
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 29.4
 203 17.9 0.0 37.8

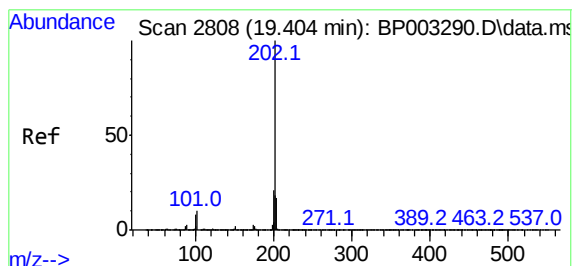
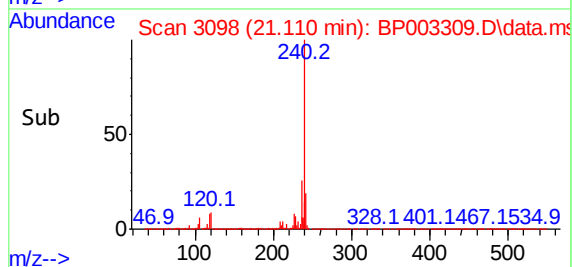
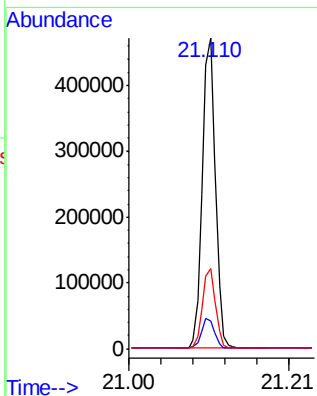
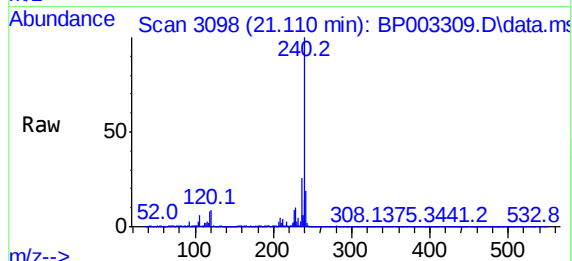




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

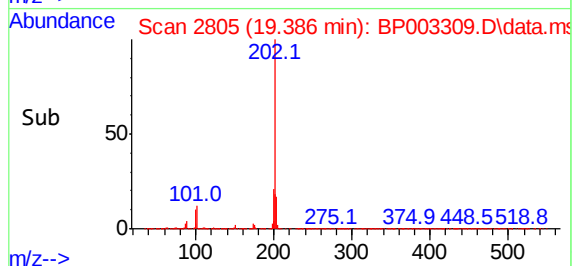
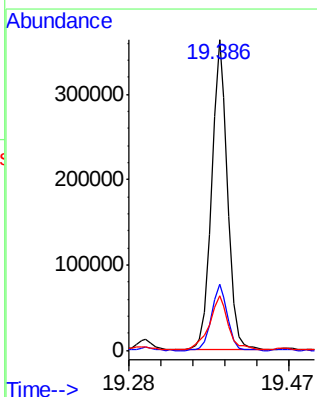
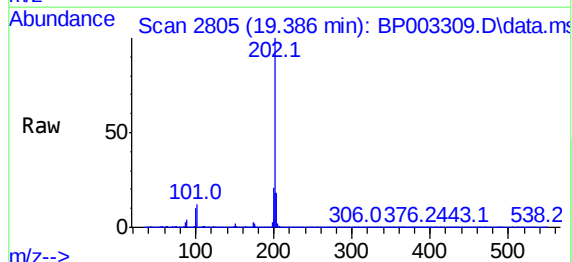
Instrument :
BNA_P
ClientSampleId :
ETGI-370

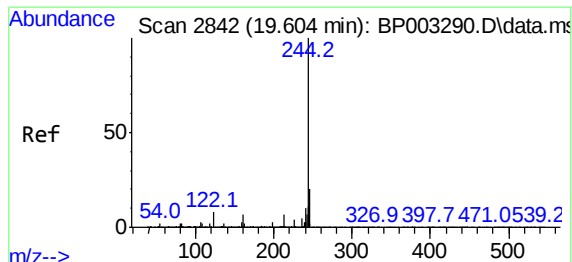
Tgt Ion:240 Resp: 578553
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.7 20.8 31.2



#78
Pyrene
Concen: 13.40 ng
RT: 19.386 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:202 Resp: 483649
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.7 14.2 21.2

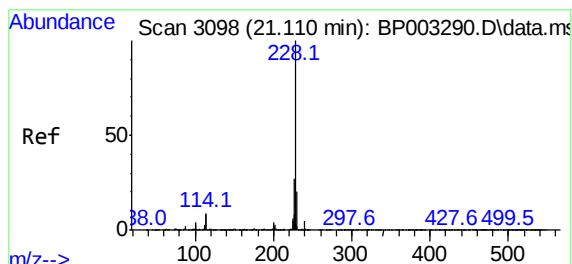
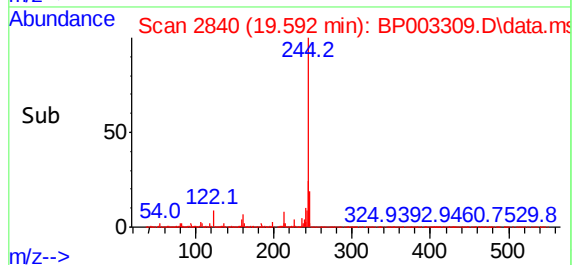
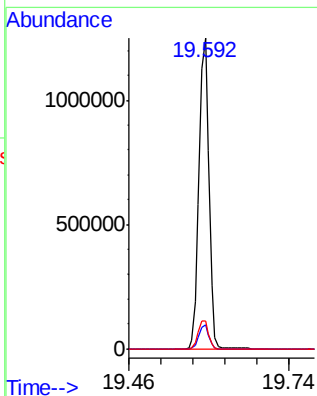
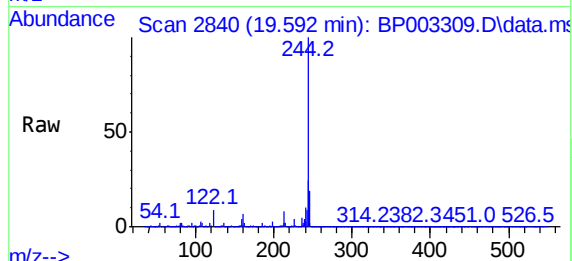




#79
Terphenyl-d14
Concen: 54.81 ng
RT: 19.592 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

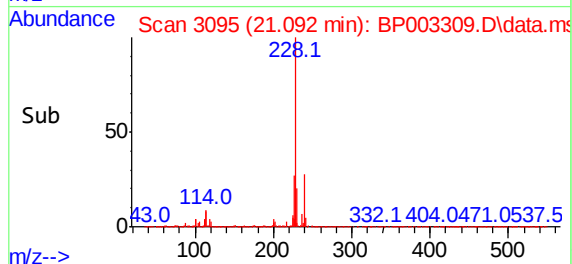
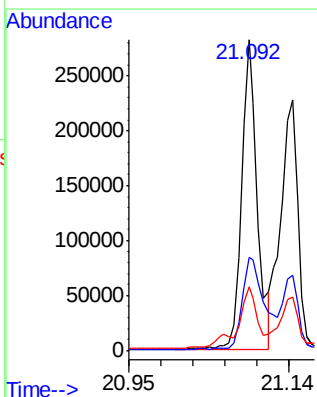
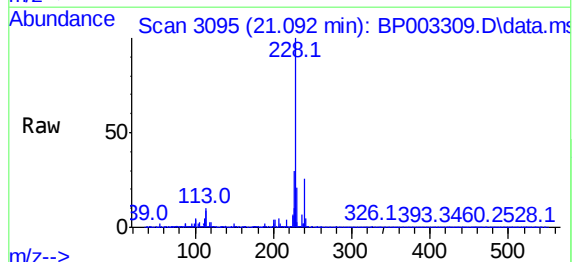
Instrument :
BNA_P
ClientSampleId :
ETGI-370

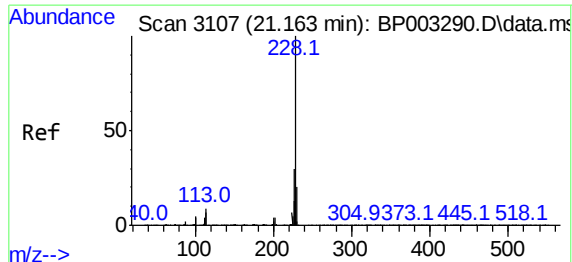
Tgt Ion:244 Resp: 1521919
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.0 7.8 11.8



#81
Benzo(a)anthracene
Concen: 9.86 ng
RT: 21.092 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:228 Resp: 368711
Ion Ratio Lower Upper
228 100
226 30.2 22.1 33.1
229 20.7 15.9 23.9

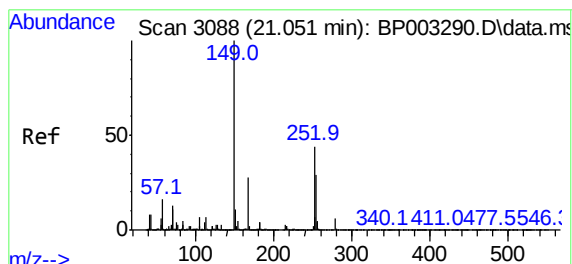
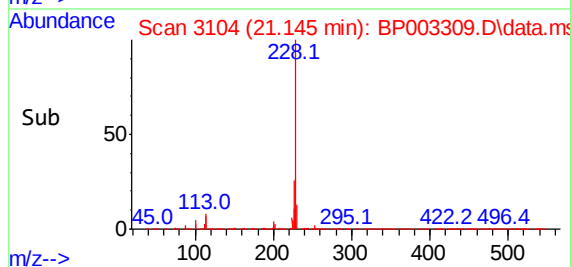
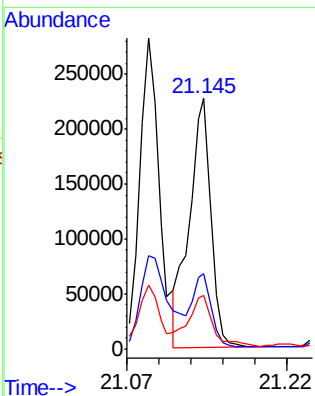
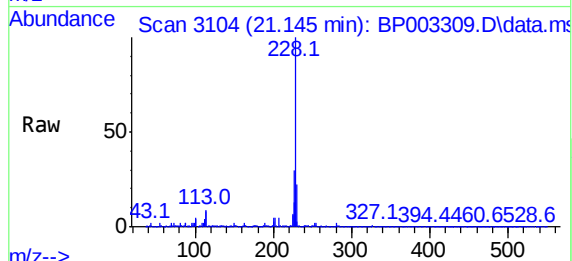




#83
 Chrysene
 Concen: 9.15 ng
 RT: 21.145 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP003309.D
 Acq: 16 Sep 2020 19:17

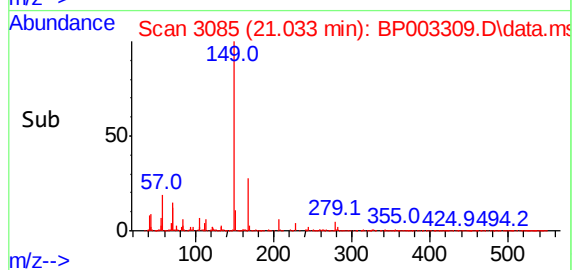
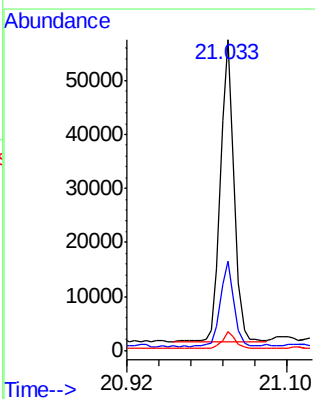
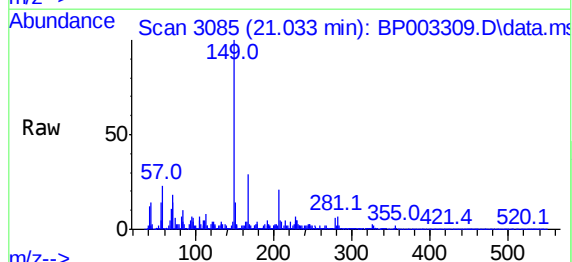
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-370

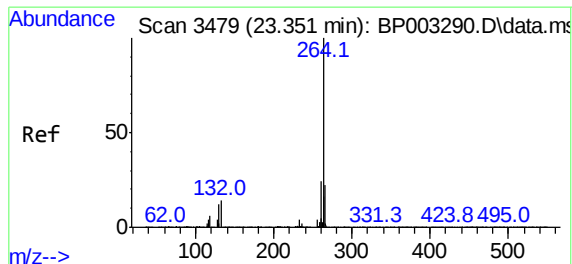
Tgt Ion:	228	Resp:	328682
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.4	36.6
229	21.6	15.8	23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.49 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BP003309.D
 Acq: 16 Sep 2020 19:17

Tgt Ion:	149	Resp:	57793
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.6	34.0
279	5.9	4.2	6.2



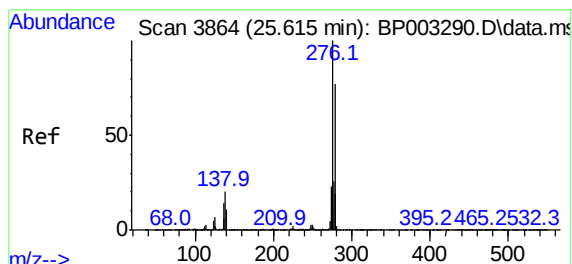
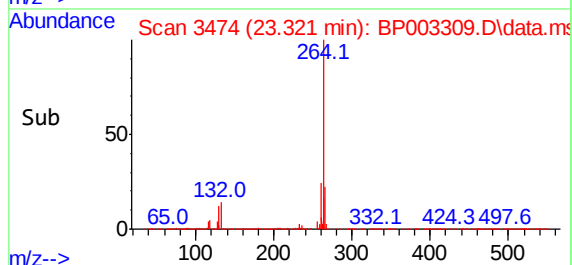
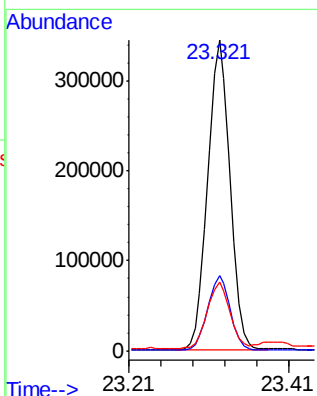
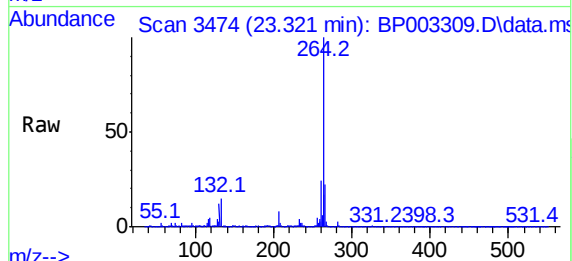


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.321 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Instrument :
BNA_P
ClientSampleId :
ETGI-370

Tgt Ion:264 Resp: 645621

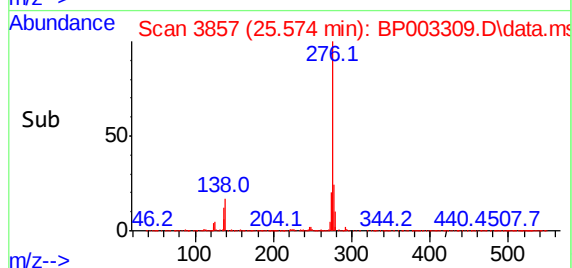
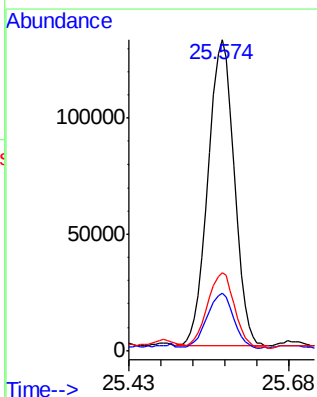
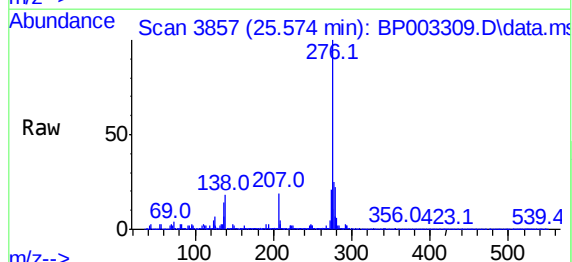
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.2	17.4	26.2

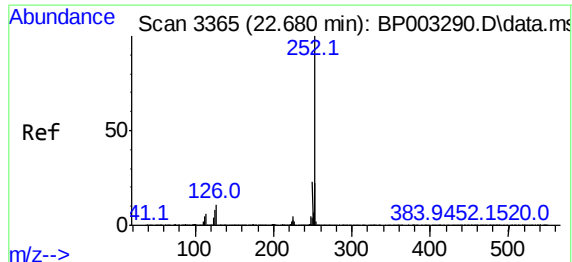


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.26 ng
RT: 25.574 min Scan# 3857
Delta R.T. -0.012 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:276 Resp: 355424

Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.7	28.1#
277	25.1	20.4	30.6

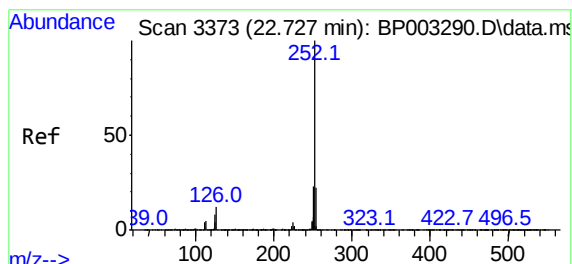
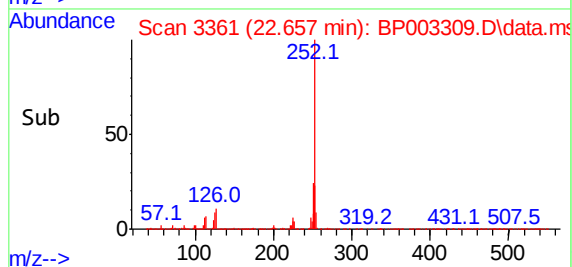
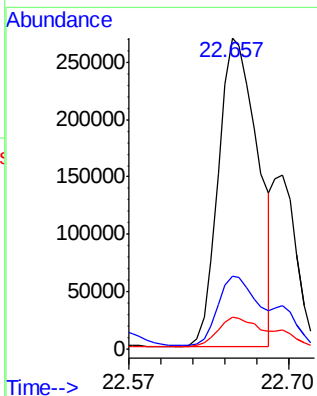
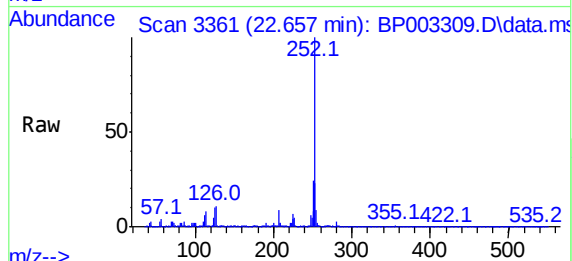




#88
Benzo(b)fluoranthene
Concen: 15.00 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

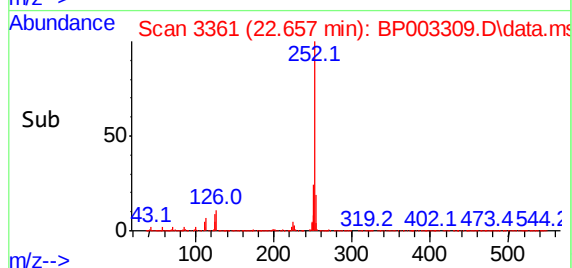
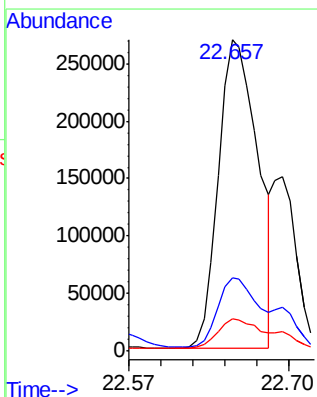
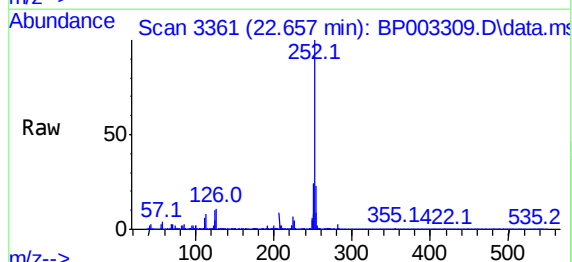
Instrument :
BNA_P
ClientSampleId :
ETGI-370

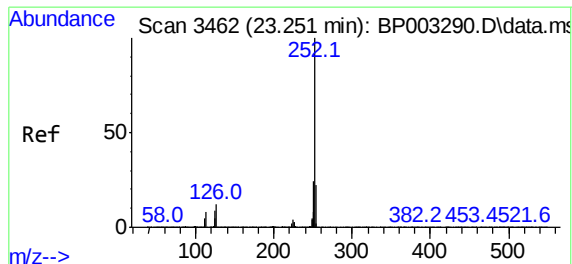
Tgt Ion:252 Resp: 611614
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 10.1 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 15.65 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.047 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:252 Resp: 611614
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 10.1 7.4 11.2

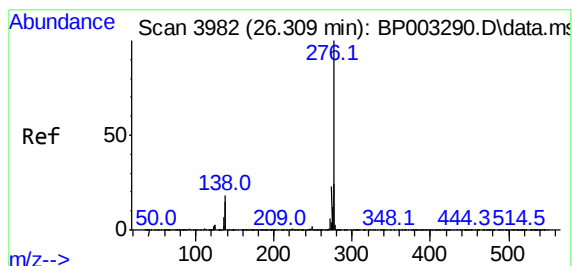
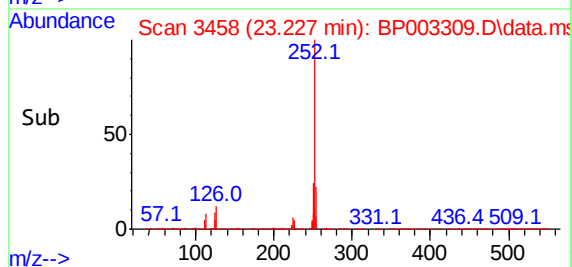
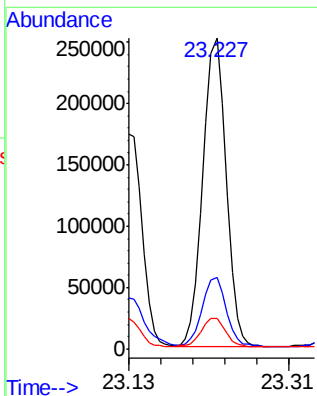
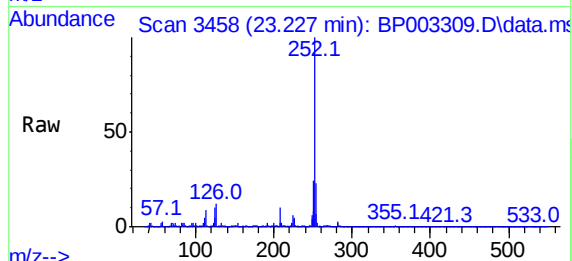




#90
Benzo(a)pyrene
Concen: 11.78 ng
RT: 23.227 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Instrument :
BNA_P
ClientSampleId :
ETGI-370

Tgt Ion:252 Resp: 452714
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.8 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 9.13 ng
RT: 26.262 min Scan# 3974
Delta R.T. -0.012 min
Lab File: BP003309.D
Acq: 16 Sep 2020 19:17

Tgt Ion:276 Resp: 368046
Ion Ratio Lower Upper
276 100
277 24.9 19.0 28.6
138 17.2 16.6 24.8

