

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003349.D
 Acq On : 22 Sep 2020 20:53
 Operator : CG/JU
 Sample : L3864-08 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-092120

Quant Time: Sep 23 03:35:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

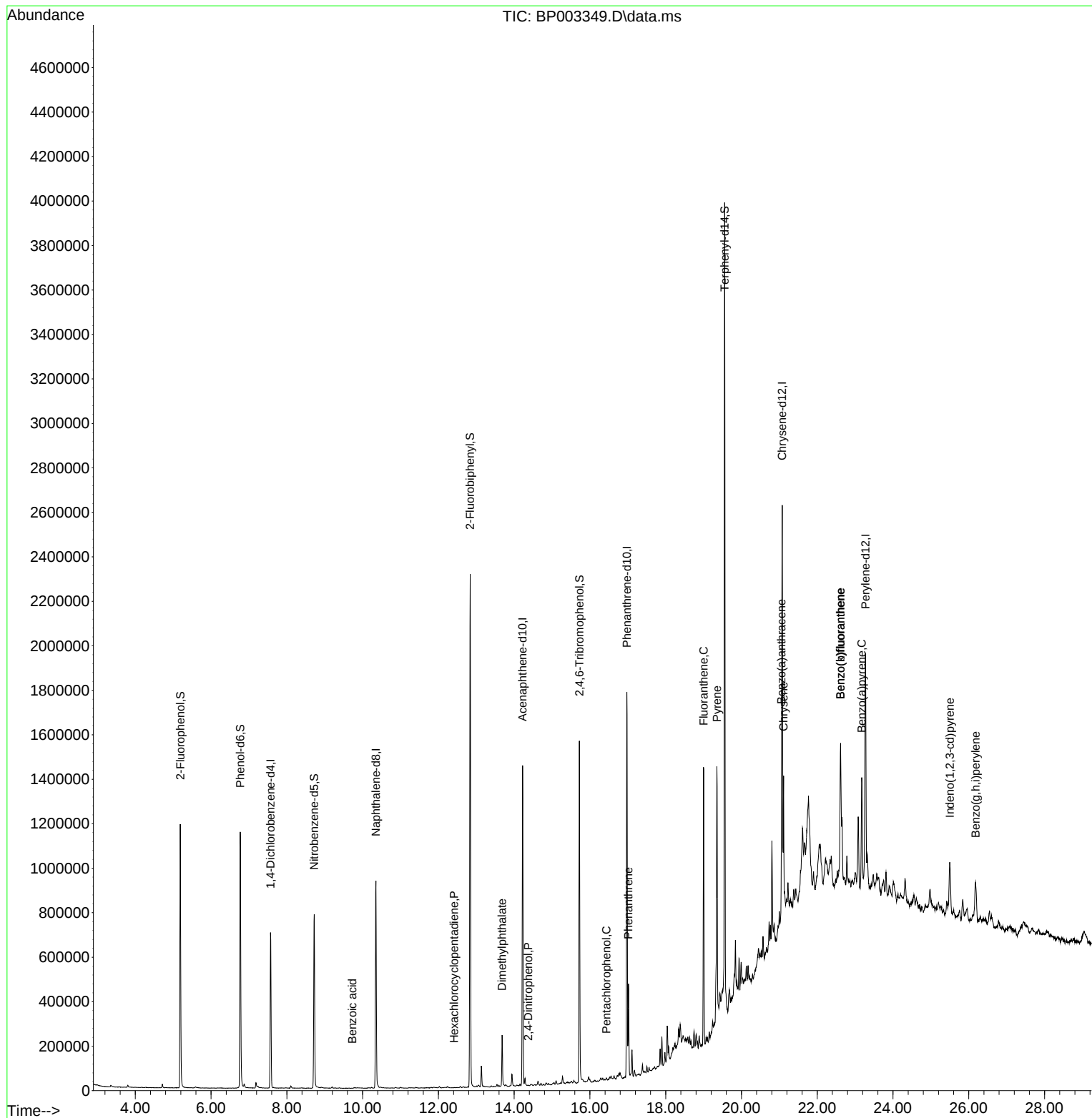
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	196608	20.00	ng	0.00
21) Naphthalene-d8	10.352	136	800735	20.00	ng	# 0.00
39) Acenaphthene-d10	14.222	164	491492	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	1013878	20.00	ng	# 0.00
76) Chrysene-d12	21.075	240	780138	20.00	ng	0.00
86) Perylene-d12	23.274	264	733547	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	593802	52.74	ng	0.00
7) Phenol-d6	6.769	99	773015	51.51	ng	0.00
23) Nitrobenzene-d5	8.722	82	497548	36.50	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	311948	41.61	ng	0.00
45) 2-Fluorobiphenyl	12.840	172	1186781	35.32	ng	0.00
79) Terphenyl-d14	19.557	244	1492143	39.85	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.722	122	55	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.410	237	11	6.84	ng	75
50) Dimethylphthalate	13.681	163	155769	3.97	ng	99
54) 2,4-Dinitrophenol	14.369	184	16	7.26	ng	# 1
70) Pentachlorophenol	16.434	266	122	6.79	ng	97
71) Phenanthrene	17.016	178	255467	4.63	ng	99
75) Fluoranthene	19.004	202	735266	10.60	ng	100
78) Pyrene	19.351	202	671373	13.80	ng	99
81) Benzo(a)anthracene	21.057	228	334282	6.63	ng	97
83) Chrysene	21.110	228	327583	6.76	ng	98
87) Indeno(1,2,3-cd)pyrene	25.498	276	221330	3.98	ng	# 95
88) Benzo(b)fluoranthene	22.616	252	429417	9.27	ng	# 94
89) Benzo(k)fluoranthene	22.616	252	429417	9.67	ng	# 94
90) Benzo(a)pyrene	23.174	252	314012	7.19	ng	95
92) Benzo(g,h,i)perylene	26.180	276	222748	4.86	ng	97

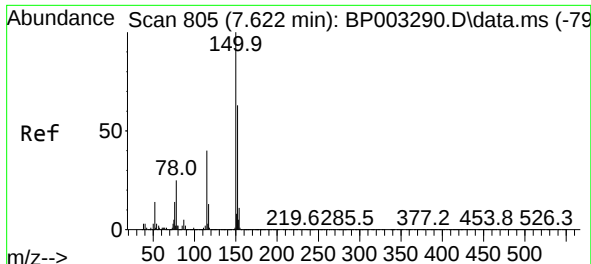
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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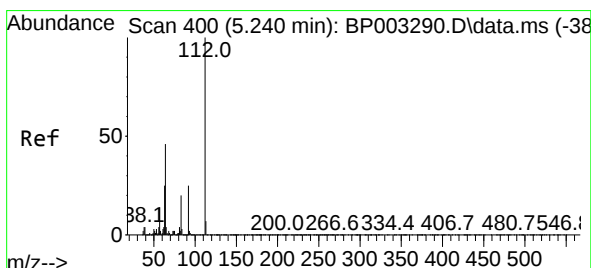
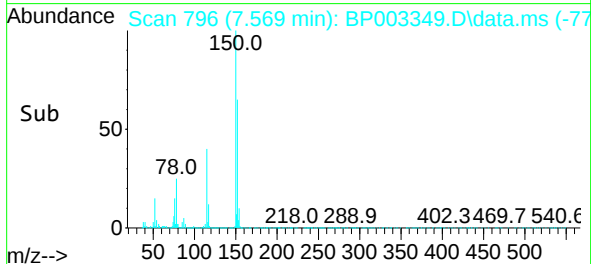
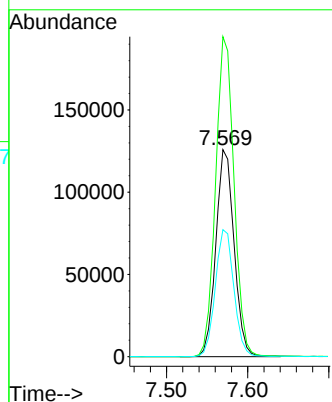
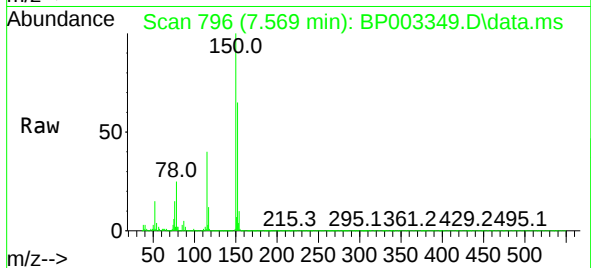




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

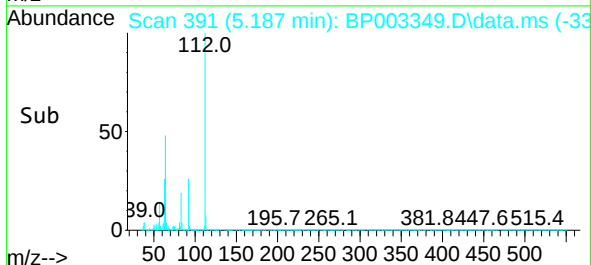
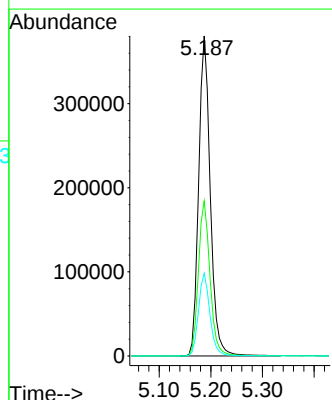
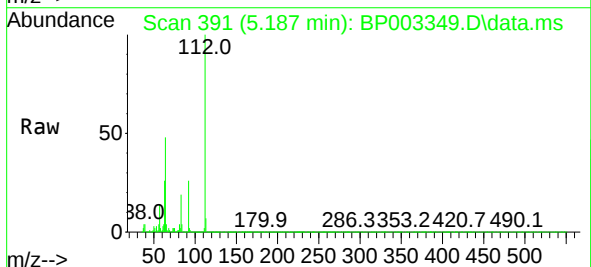
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

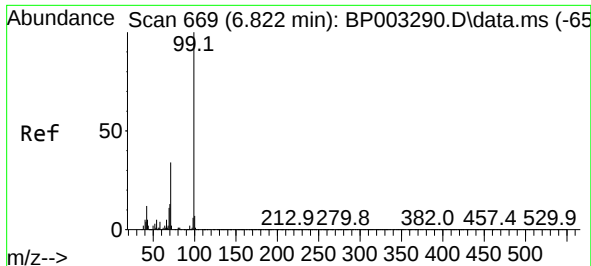
Tgt Ion:152 Resp: 196608
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 52.74 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:112 Resp: 593802
Ion Ratio Lower Upper
112 100
64 48.5 32.8 49.2
63 25.8 17.0 25.4#

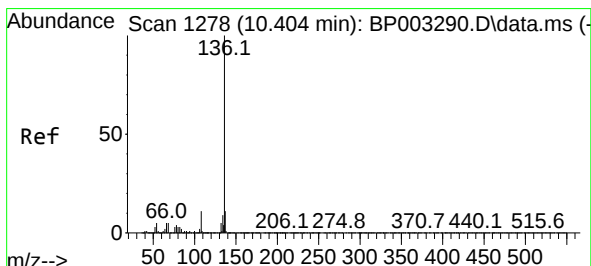
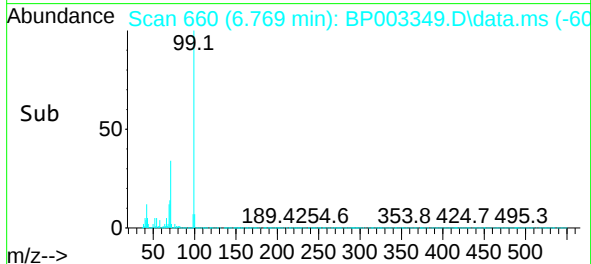
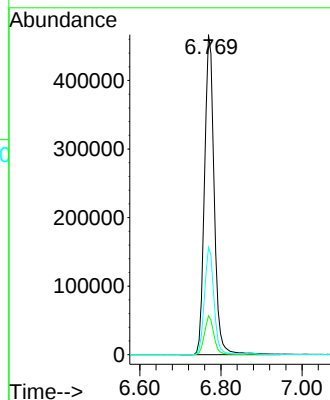
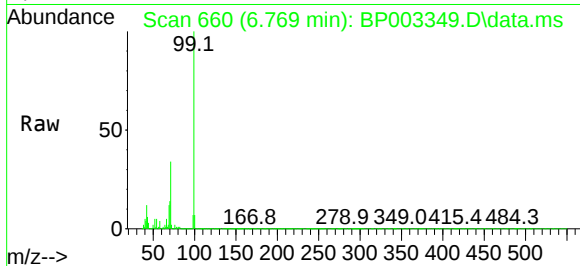




#7
Phenol-d6
Concen: 51.51 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

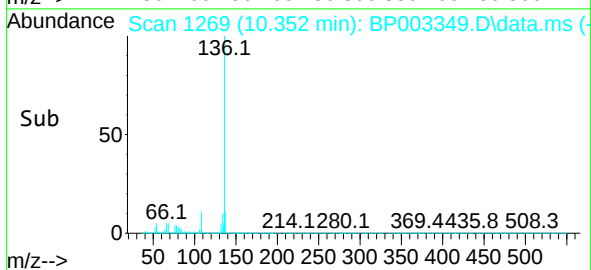
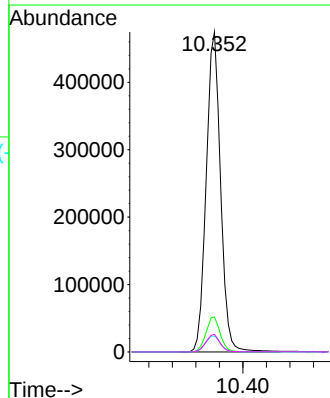
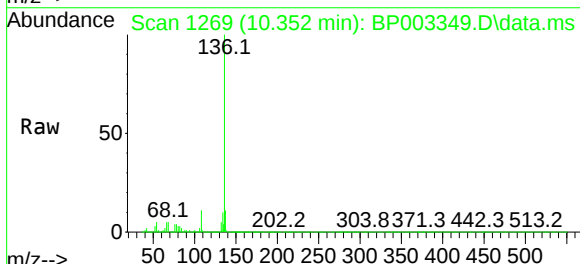
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

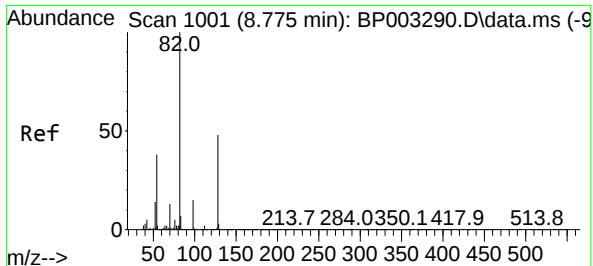
Tgt Ion: 99 Resp: 773015
Ion Ratio Lower Upper
99 100
42 12.2 8.6 13.0
71 33.6 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.352 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion: 136 Resp: 800735
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.0 3.6 5.4
68 5.5 3.3 4.9#

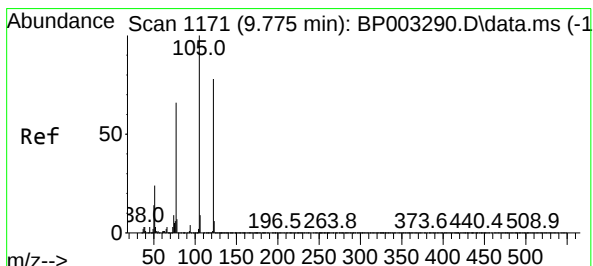
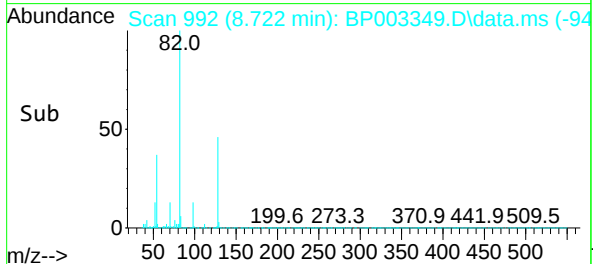
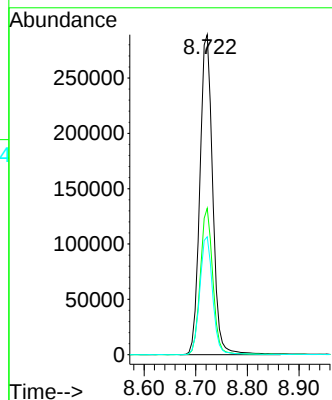
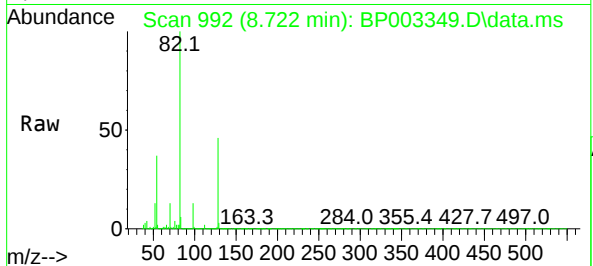




#23
Nitrobenzene-d5
Concen: 36.50 ng
RT: 8.722 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

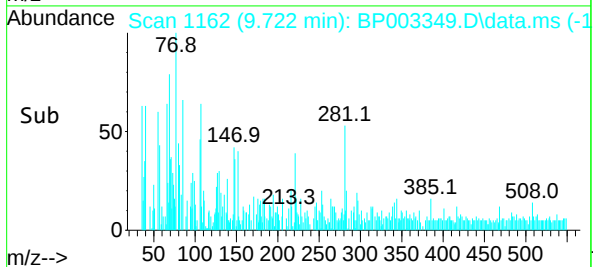
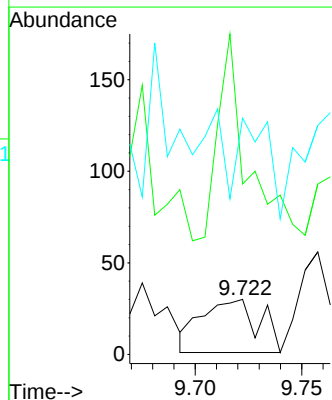
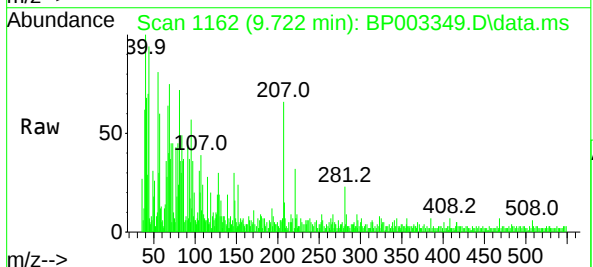
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

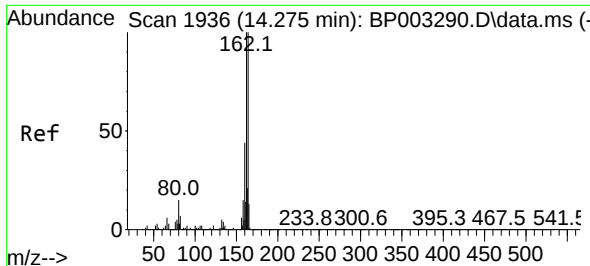
Tgt Ion: 82 Resp: 497548
Ion Ratio Lower Upper
82 100
128 45.7 45.6 68.4
54 36.8 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.722 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 310.0 94.1 134.1#
77 430.0 50.1 90.1#

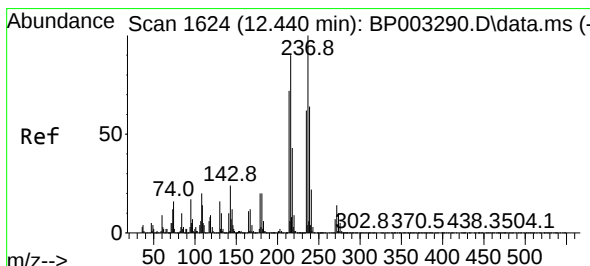
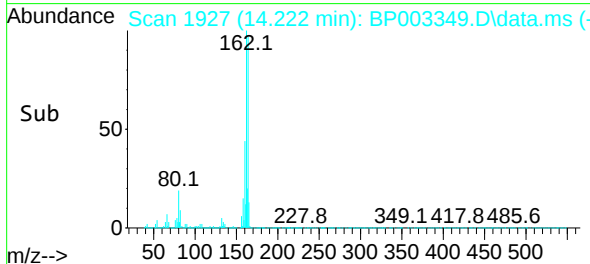
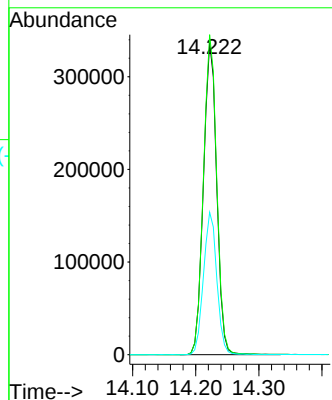
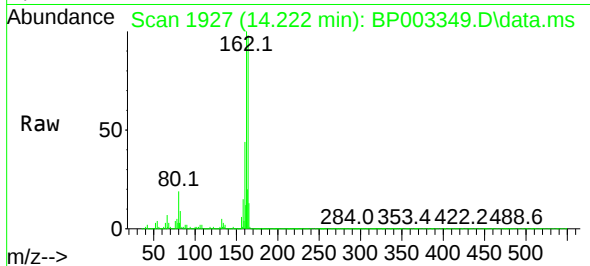




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.222 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

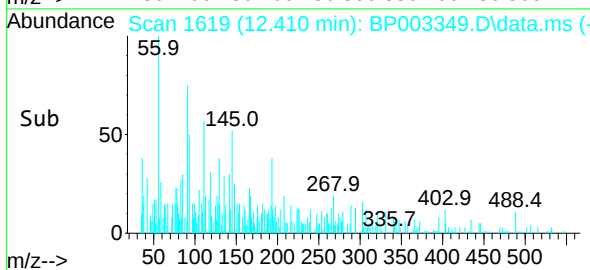
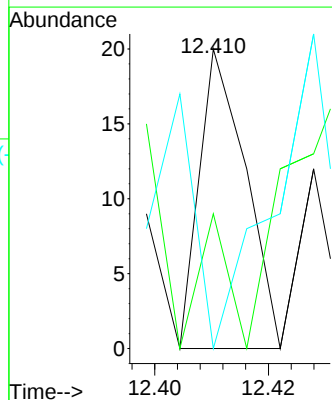
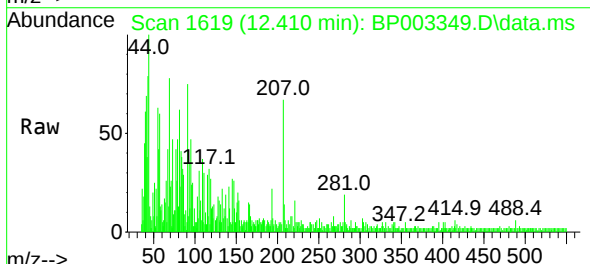
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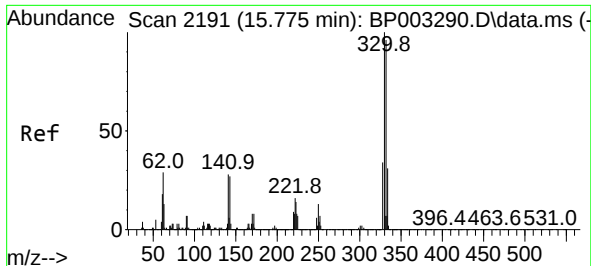
Tgt Ion:164 Resp: 491492
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.2
160 45.6 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.410 min Scan# 1619
Delta R.T. 0.030 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 45.0 43.2 83.2
272 0.0 0.0 33.3

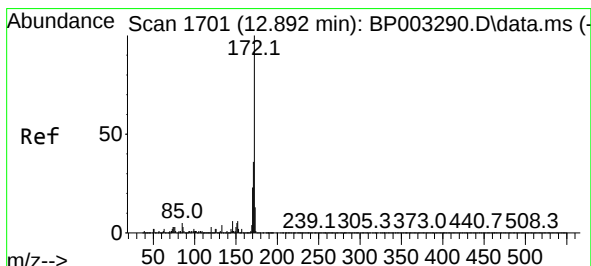
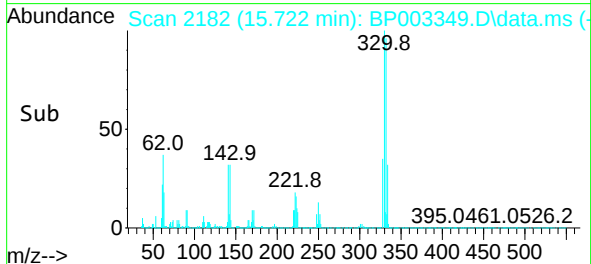
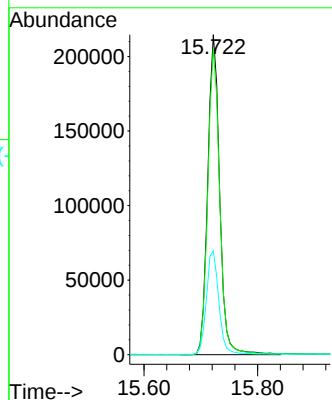
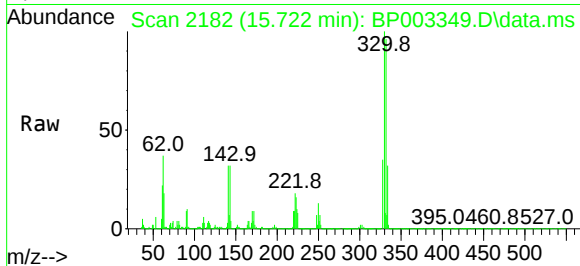




#42
2,4,6-Tribromophenol
Concen: 41.61 ng
RT: 15.722 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

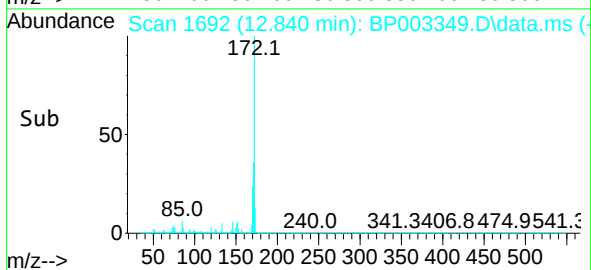
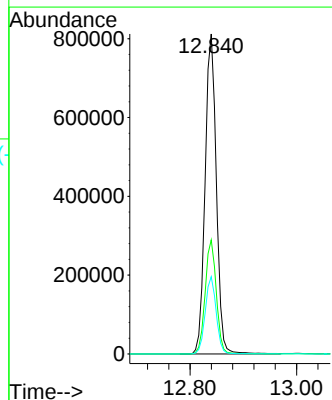
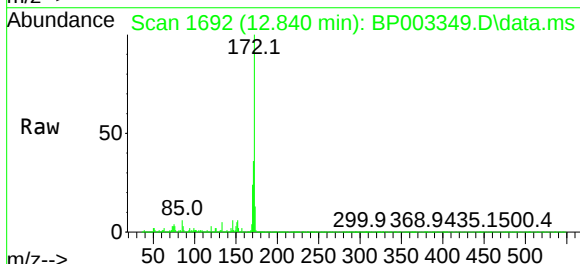
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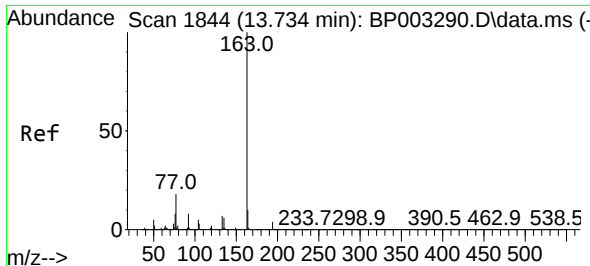
Tgt Ion:330 Resp: 311948
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 34.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 35.32 ng
RT: 12.840 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:172 Resp: 1186781
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.2 19.2 28.8

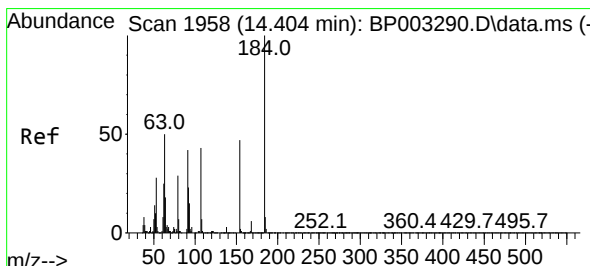
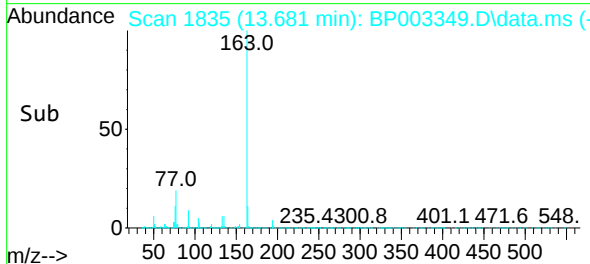
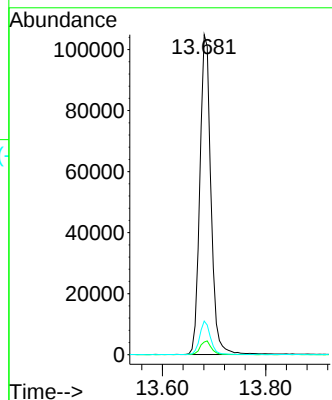
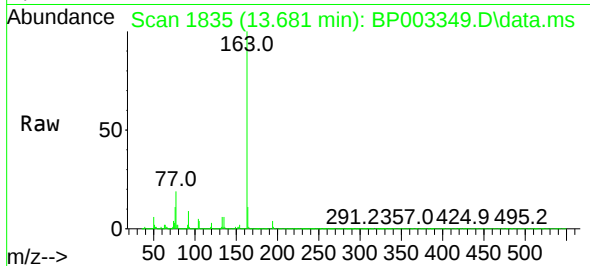




#50
Dimethylphthalate
Concen: 3.97 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

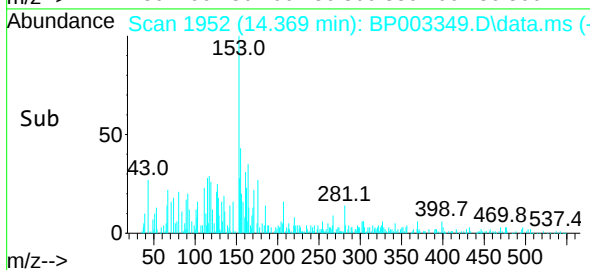
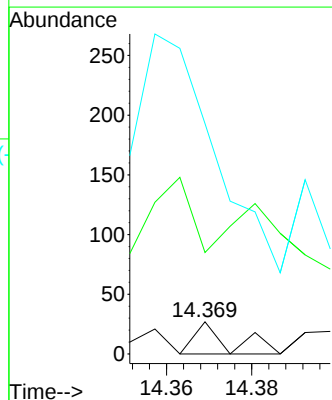
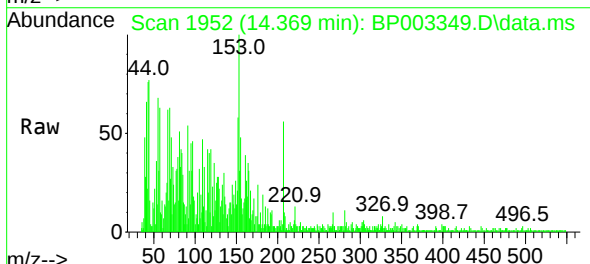
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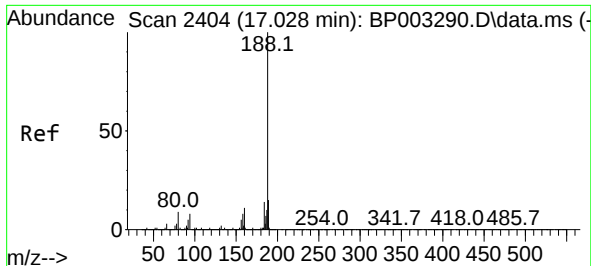
Tgt Ion:163 Resp: 155769
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.369 min Scan# 1952
Delta R.T. 0.012 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 314.8 32.3 48.5#
154 714.8 49.1 73.7#

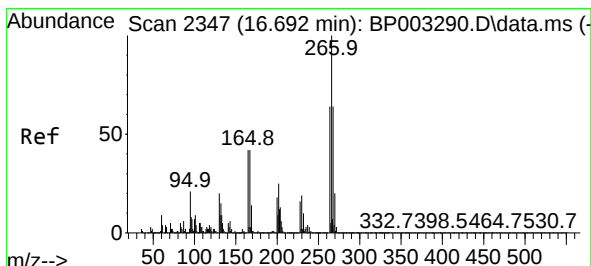
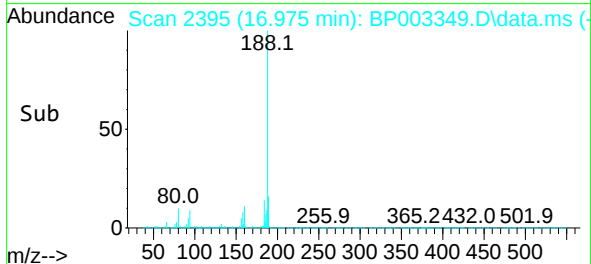
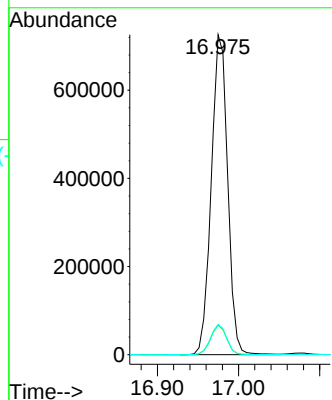
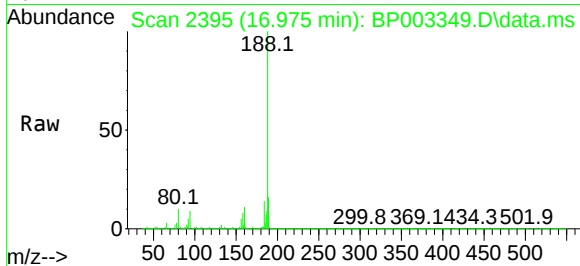




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

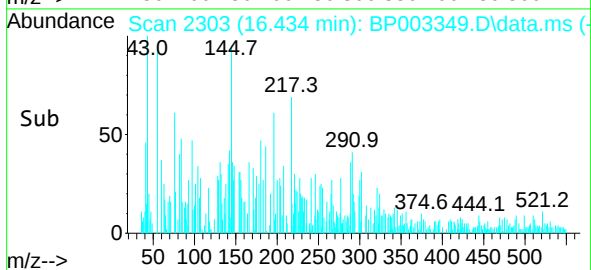
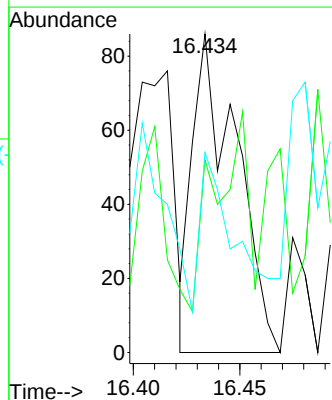
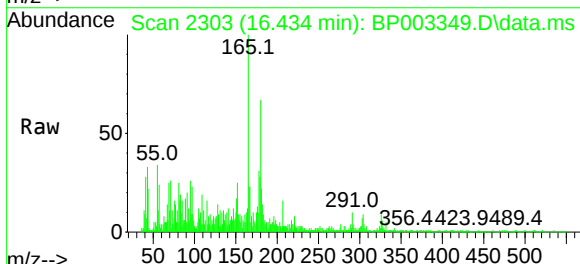
Instrument :
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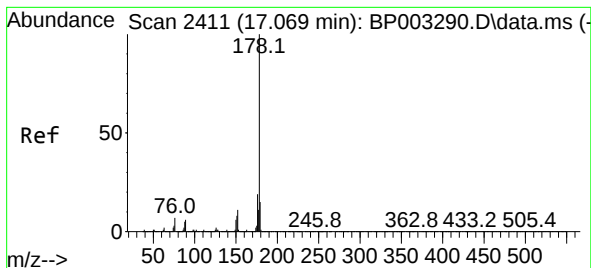
Tgt Ion:188 Resp: 1013878
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 9.5 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.79 ng
RT: 16.434 min Scan# 2303
Delta R.T. -0.206 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:266 Resp: 122
Ion Ratio Lower Upper
266 100
268 60.5 51.1 76.7
264 62.8 50.6 76.0

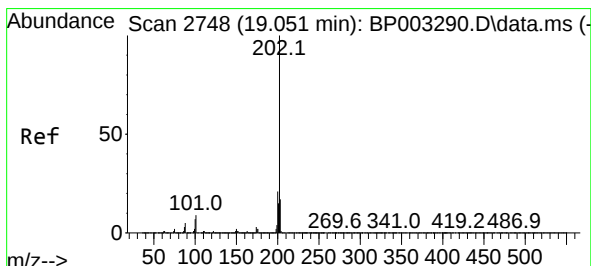
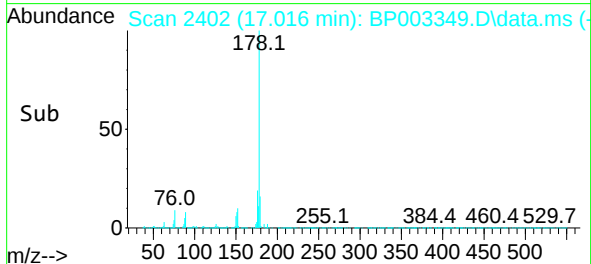
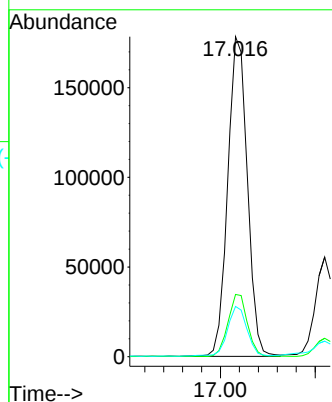
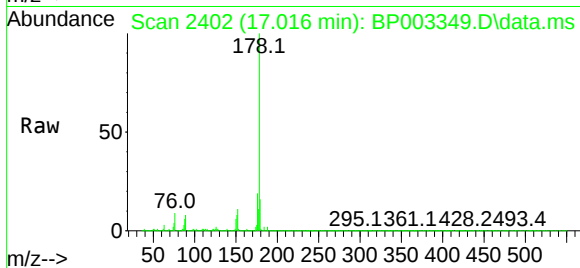




#71
Phenanthrene
Concen: 4.63 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

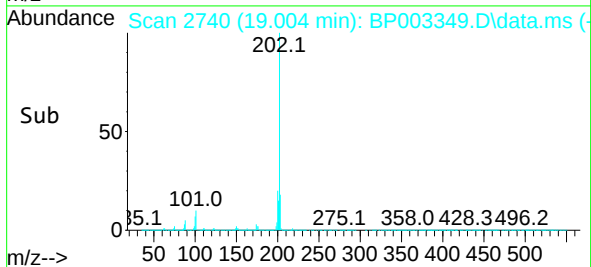
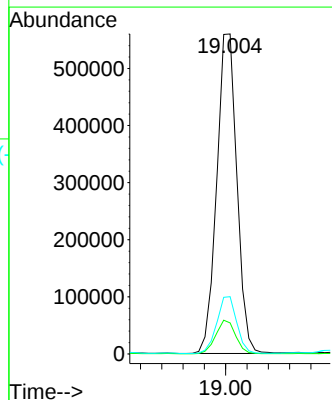
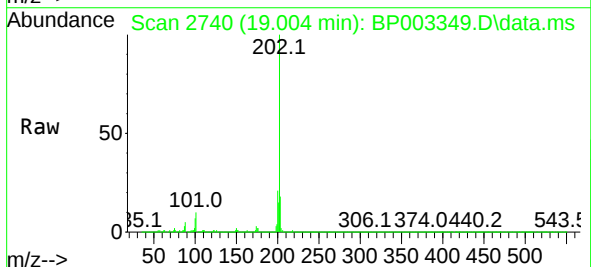
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

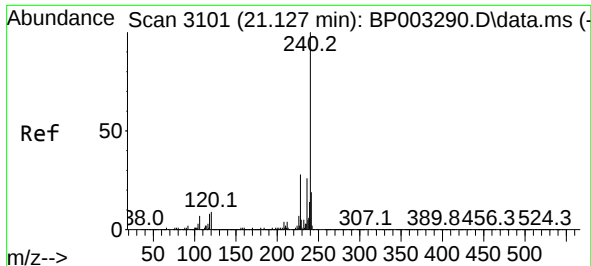
Tgt Ion:178 Resp: 255467
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.7 12.5 18.7



#75
Fluoranthene
Concen: 10.60 ng
RT: 19.004 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:202 Resp: 735266
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.4
203 17.9 0.0 37.8

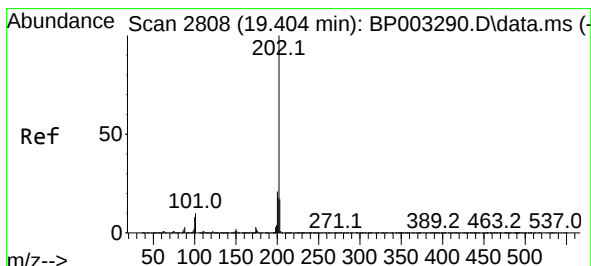
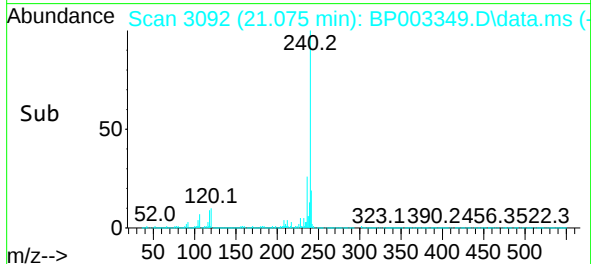
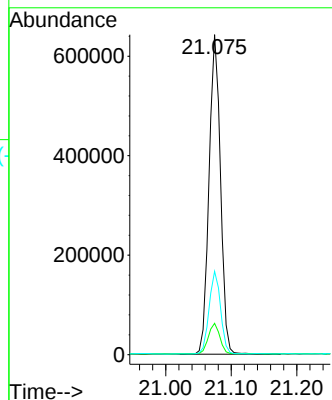
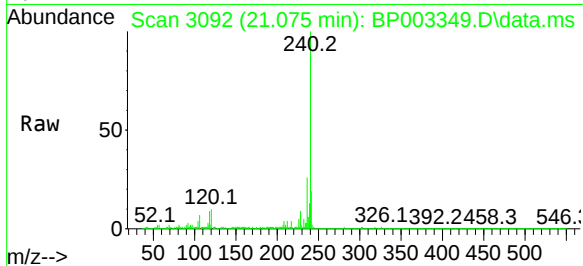




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.075 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

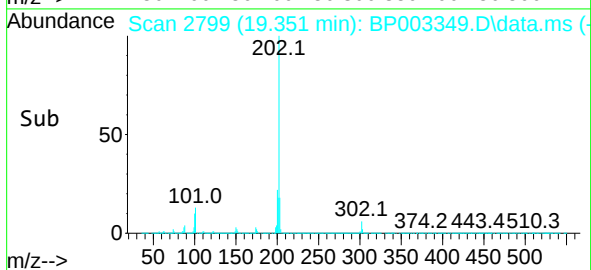
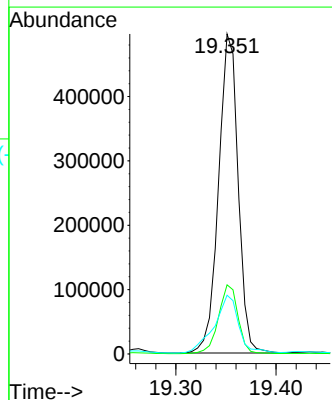
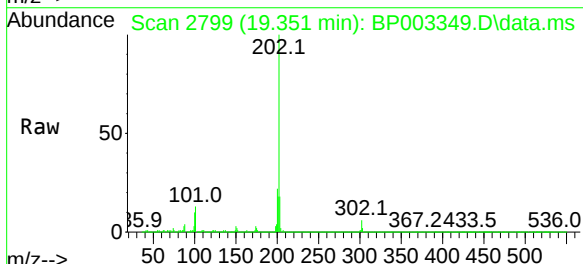
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

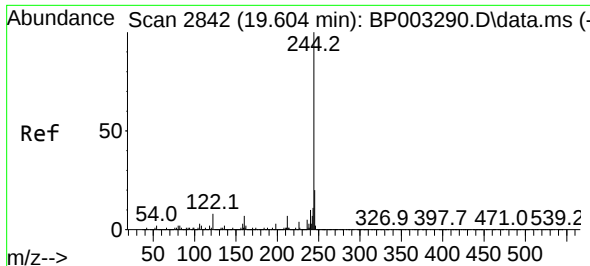
Tgt Ion:240 Resp: 780138
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 26.1 20.8 31.2



#78
Pyrene
Concen: 13.80 ng
RT: 19.351 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:202 Resp: 671373
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.3 14.2 21.2

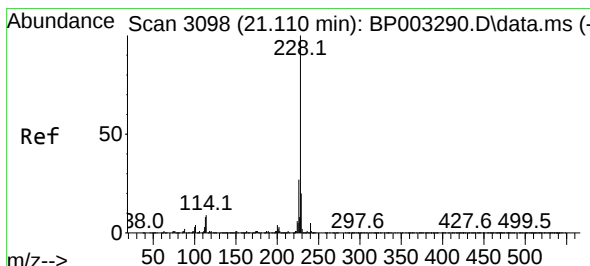
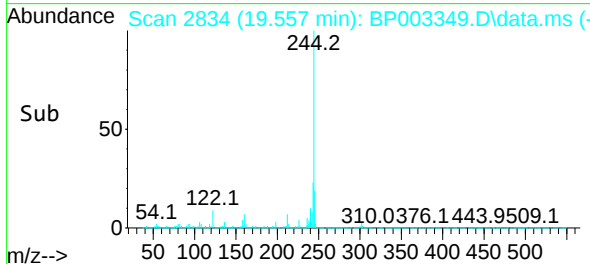
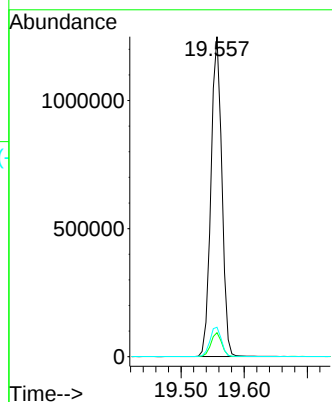
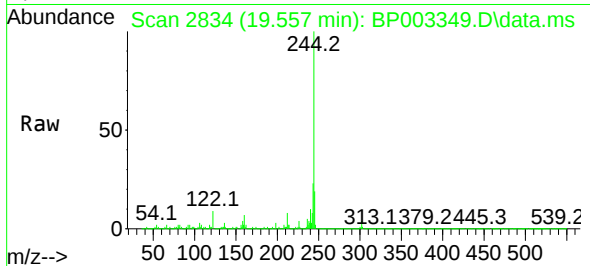




#79
Terphenyl-d14
Concen: 39.85 ng
RT: 19.557 min Scan# 2834
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

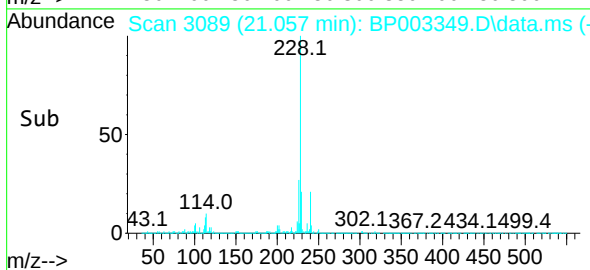
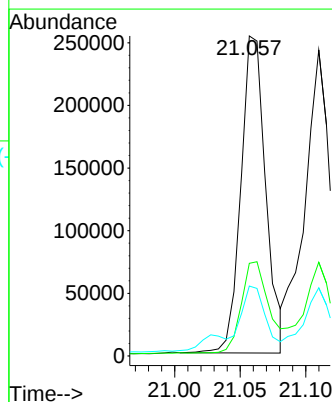
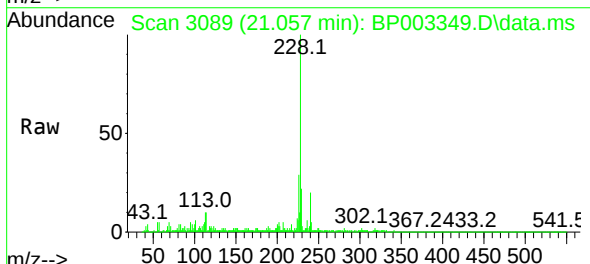
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

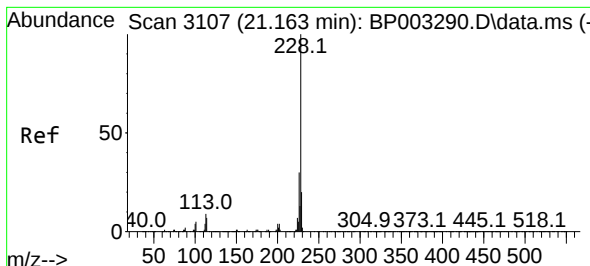
Tgt Ion:244 Resp: 1492143
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.2 7.8 11.8



#81
Benzo(a)anthracene
Concen: 6.63 ng
RT: 21.057 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:228 Resp: 334282
Ion Ratio Lower Upper
228 100
226 28.9 22.1 33.1
229 21.9 15.9 23.9





#83

Chrysene

Concen: 6.76 ng

RT: 21.110 min Scan# 3098

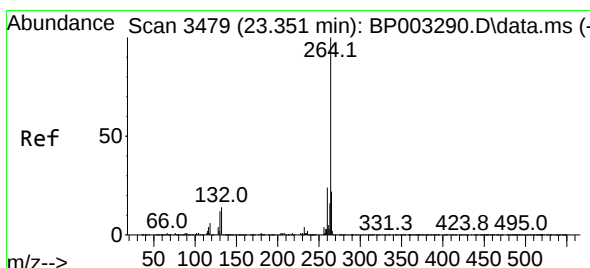
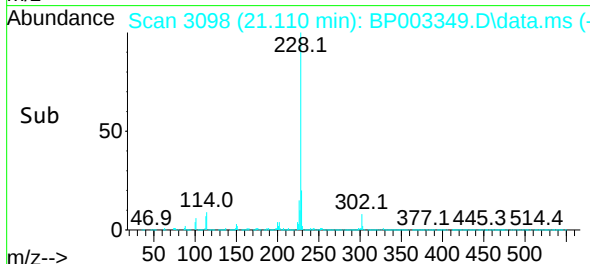
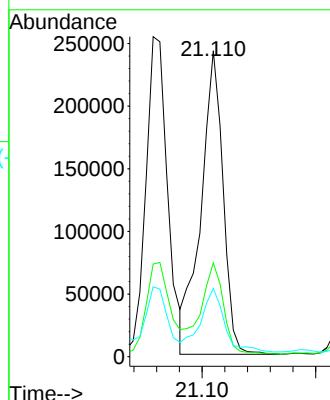
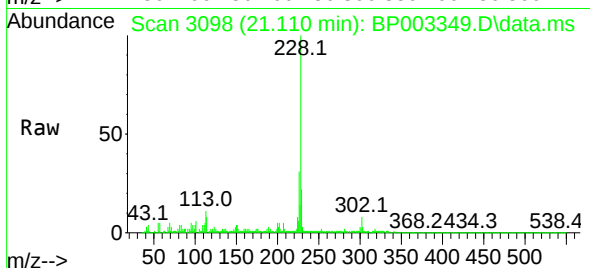
Delta R.T. 0.006 min

Lab File: BP003349.D

Acq: 22 Sep 2020 20:53

Tgt Ion:228 Resp: 327583

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	22.3	15.8	23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.274 min Scan# 3466

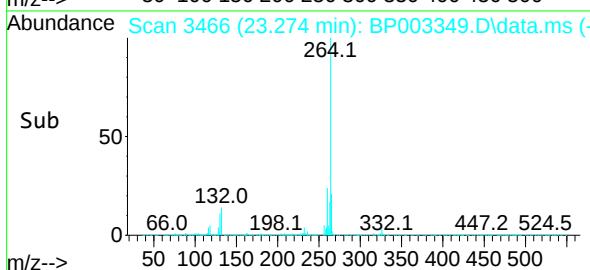
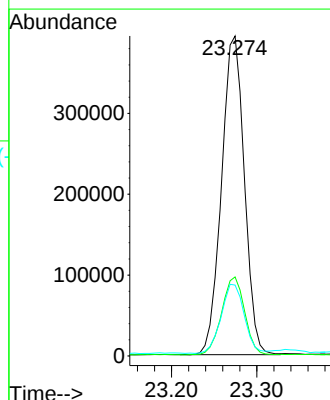
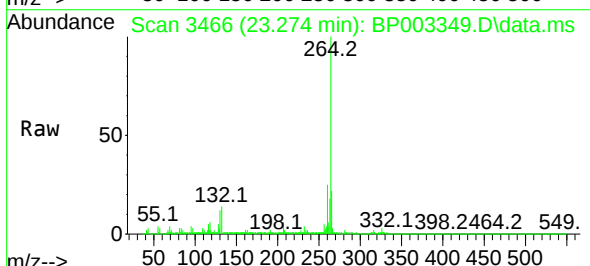
Delta R.T. 0.012 min

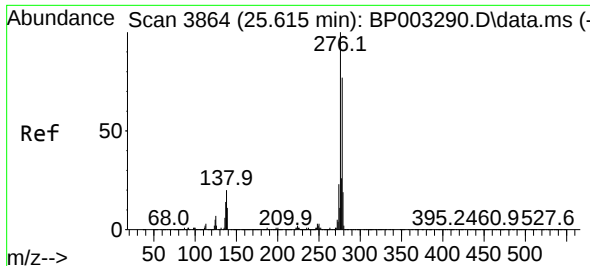
Lab File: BP003349.D

Acq: 22 Sep 2020 20:53

Tgt Ion:264 Resp: 733547

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	22.1	17.4	26.2

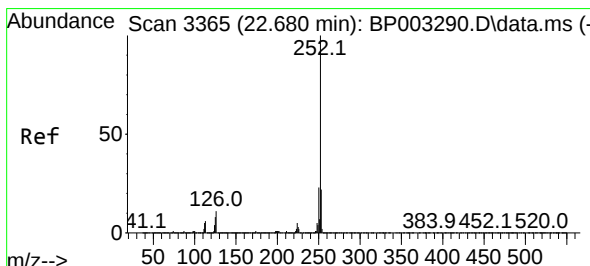
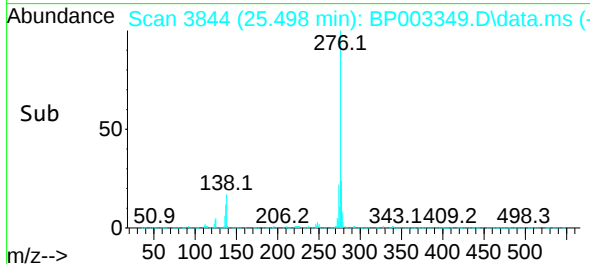
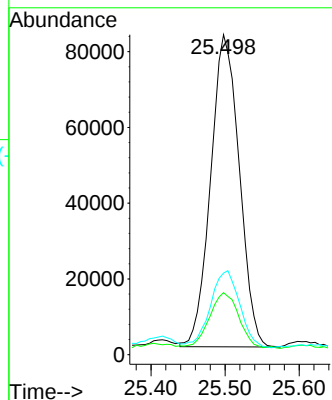
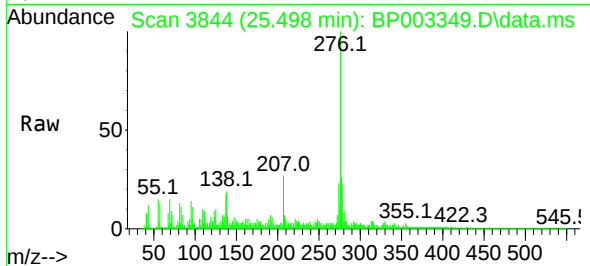




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.98 ng
RT: 25.498 min Scan# 3844
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

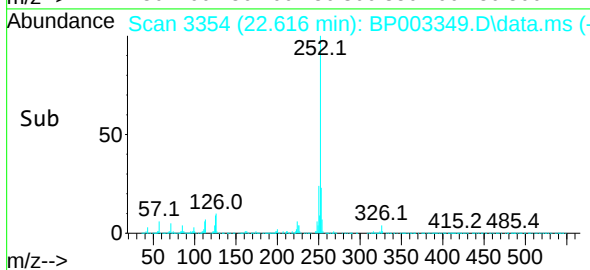
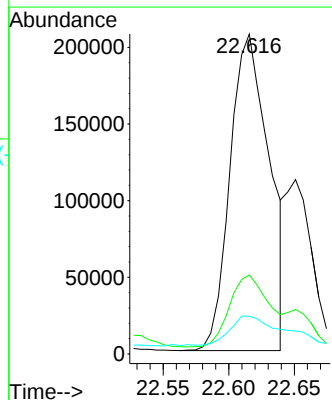
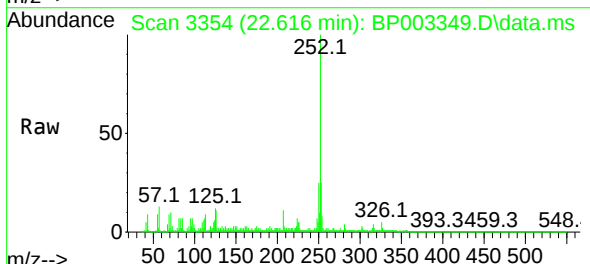
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

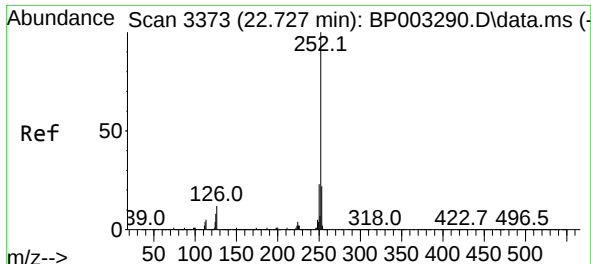
Tgt Ion:276 Resp: 221330
Ion Ratio Lower Upper
276 100
138 18.6 18.7 28.1#
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 9.27 ng
RT: 22.616 min Scan# 3354
Delta R.T. 0.012 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:252 Resp: 429417
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 11.8 7.3 10.9#

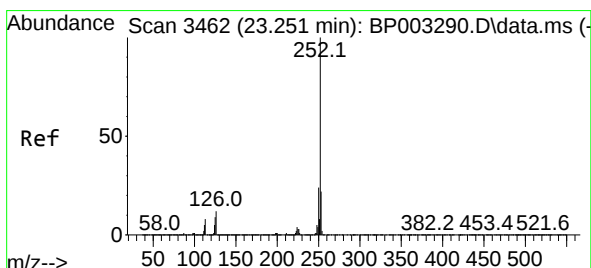
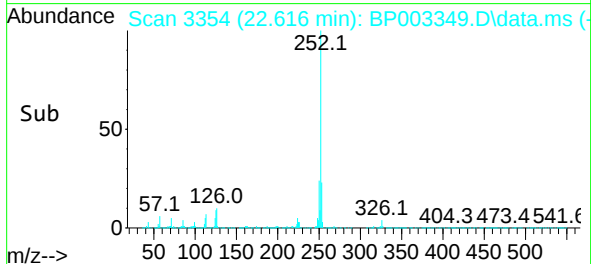
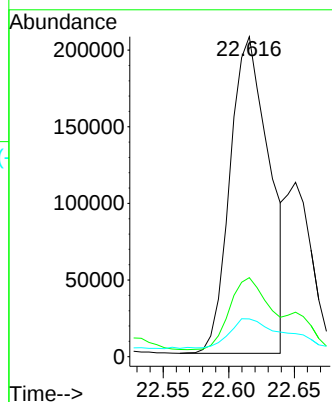
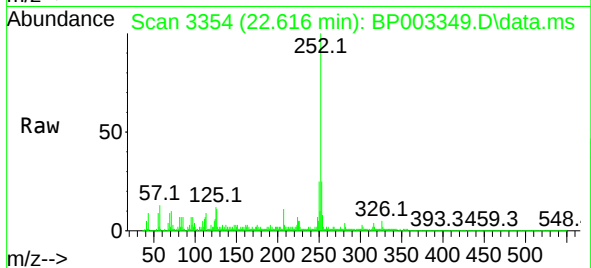




#89
Benzo(k)fluoranthene
Concen: 9.67 ng
RT: 22.616 min Scan# 3354
Delta R.T. -0.035 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

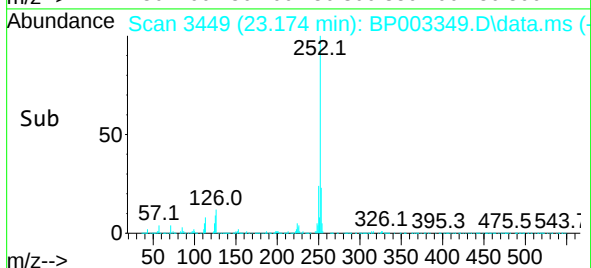
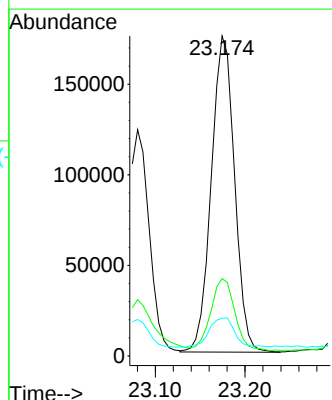
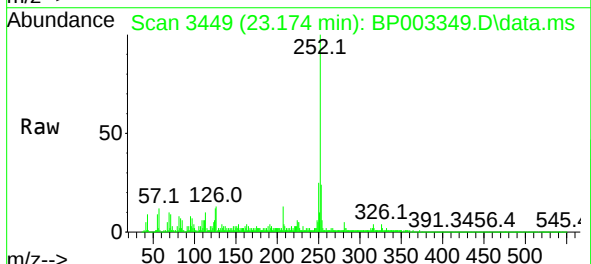
Instrument :
BNA_P
ClientSampleId :
CL-02-092120

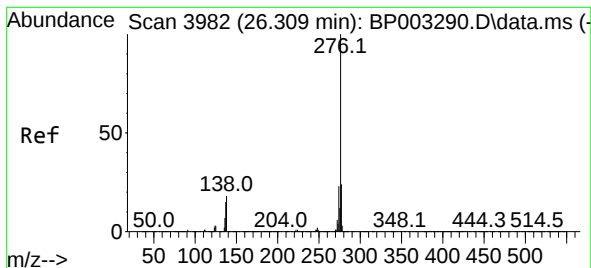
Tgt Ion:252 Resp: 429417
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 11.8 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 7.19 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.006 min
Lab File: BP003349.D
Acq: 22 Sep 2020 20:53

Tgt Ion:252 Resp: 314012
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 11.8 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 4.86 ng

RT: 26.180 min Scan# 3960

Delta R.T. 0.018 min

Lab File: BP003349.D

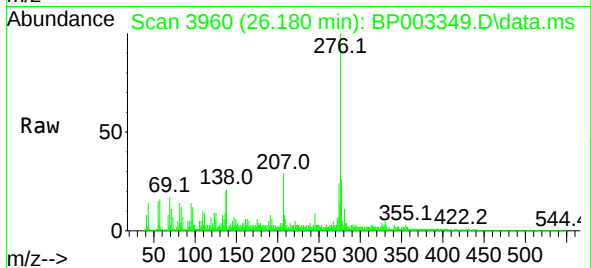
Acq: 22 Sep 2020 20:53

Instrument :

BNA_P

ClientSampleId :

CL-02-092120



Tgt Ion: 276 Resp: 222748

Ion Ratio Lower Upper

276 100

277 26.0 19.0 28.6

138 21.2 16.6 24.8

