

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
 Data File : BP003600.D
 Acq On : 09 Oct 2020 18:55
 Operator : CG/JU
 Sample : L4319-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12018

Quant Time: Oct 10 00:11:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

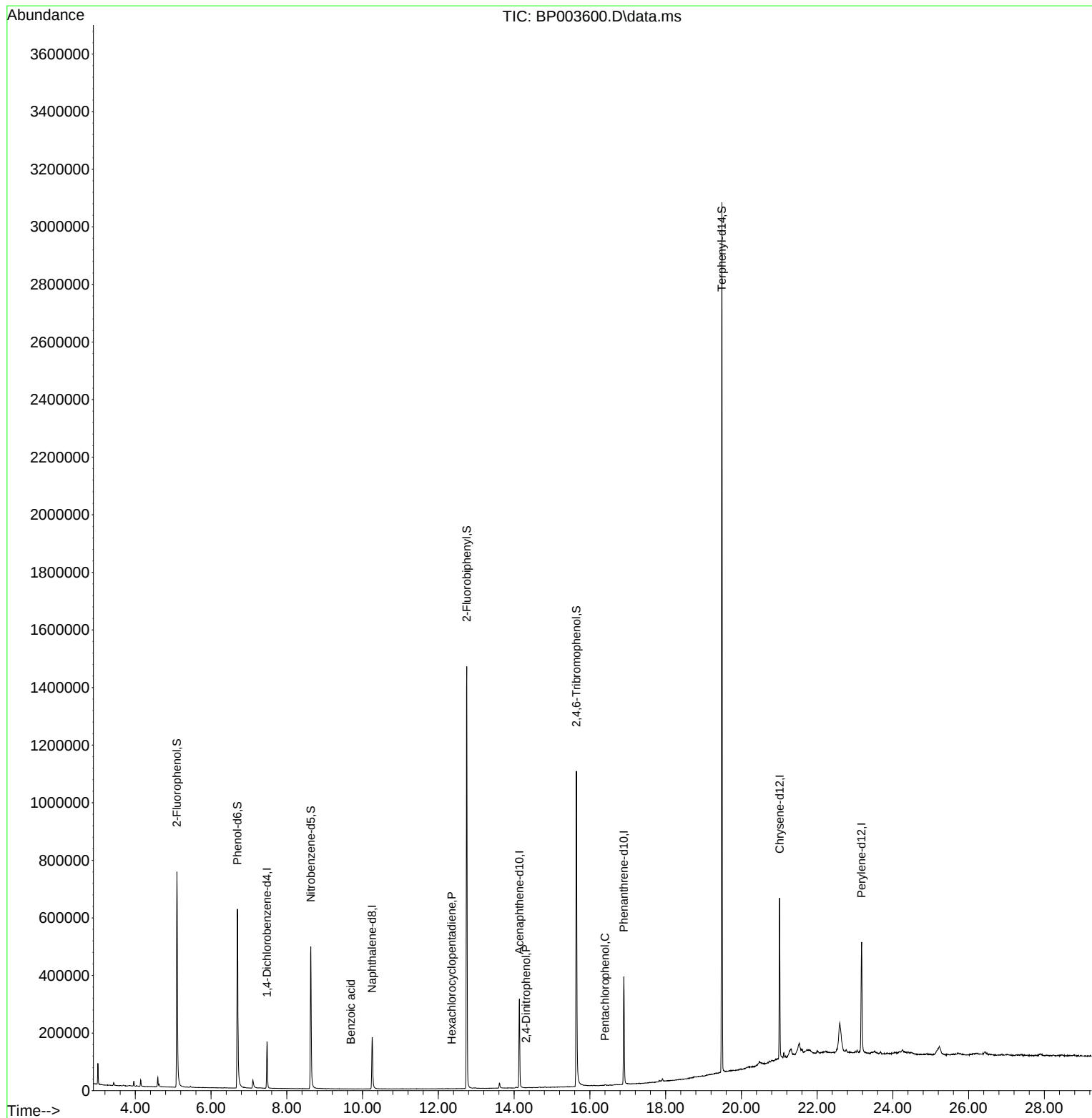
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.475	152	45189	20.00	ng	0.00
21) Naphthalene-d8	10.251	136	168935	20.00	ng	0.00
39) Acenaphthene-d10	14.139	164	104749	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	233286	20.00	ng	0.00
76) Chrysene-d12	21.010	240	266533	20.00	ng	0.00
86) Perylene-d12	23.174	264	289796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	367848	142.14	ng	0.00
7) Phenol-d6	6.693	99	421285	122.13	ng	0.00
23) Nitrobenzene-d5	8.634	82	309694	107.70	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	258739	161.95	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	761889	106.38	ng	0.00
79) Terphenyl-d14	19.486	244	1277034	99.83	ng	0.00
Target Compounds						
32) Benzoic acid	9.693	122	11	9.16	ng	Qvalue
41) Hexachlorocyclopentadiene	12.351	237	8	6.85	ng	# 59
54) 2,4-Dinitrophenol	14.316	184	70	7.33	ng	# 85
70) Pentachlorophenol	16.398	266	43	6.80	ng	92

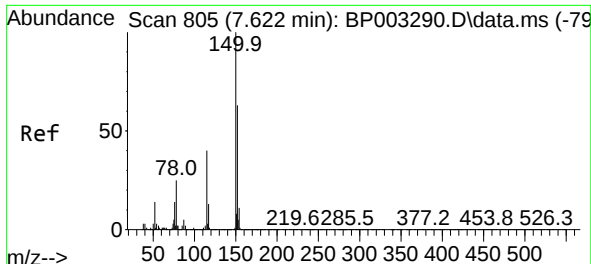
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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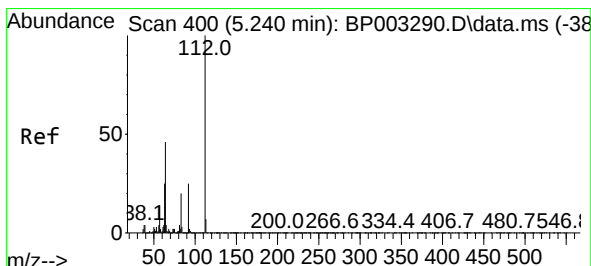
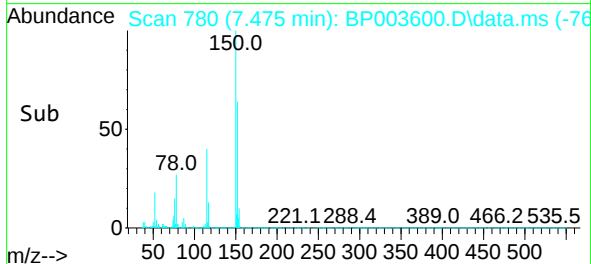
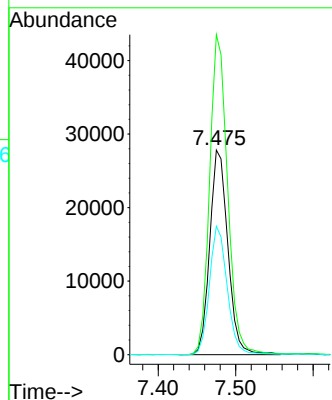
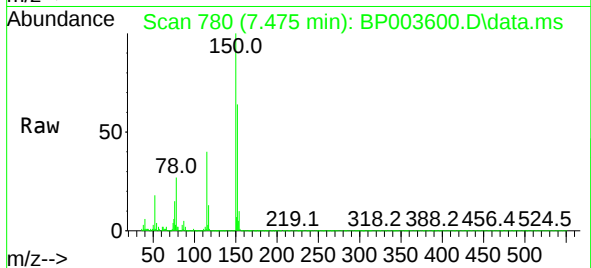




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

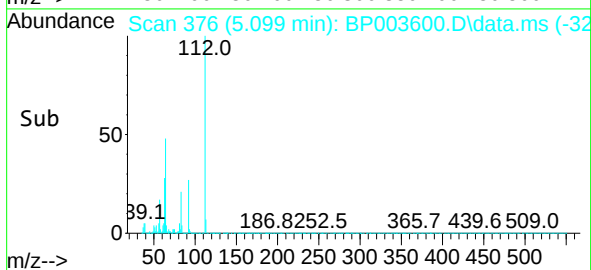
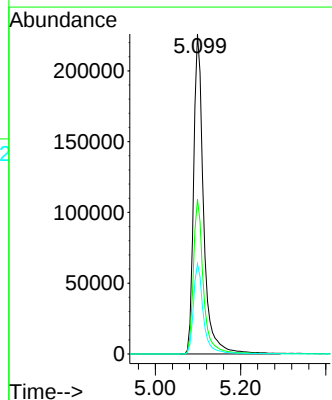
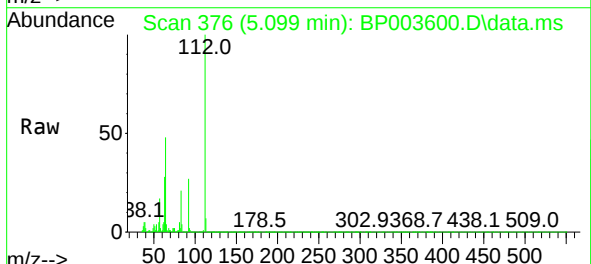
Instrument :
BNA_P
ClientSampleId :
12018

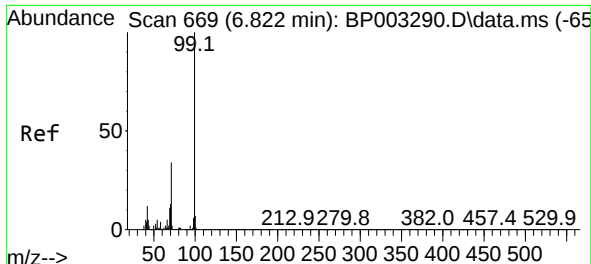
Tgt Ion:152 Resp: 45189
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 62.7 43.8 65.6



#5
2-Fluorophenol
Concen: 142.14 ng
RT: 5.099 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion:112 Resp: 367848
Ion Ratio Lower Upper
112 100
64 48.3 32.8 49.2
63 28.2 17.0 25.4#

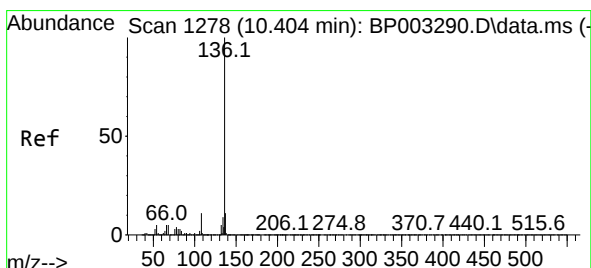
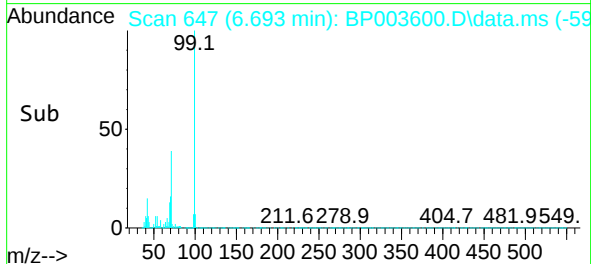
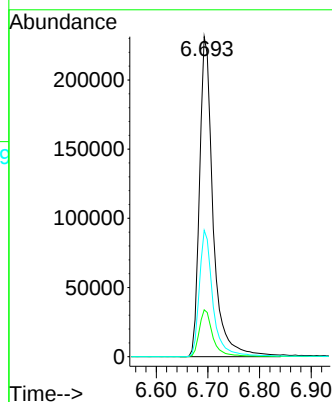
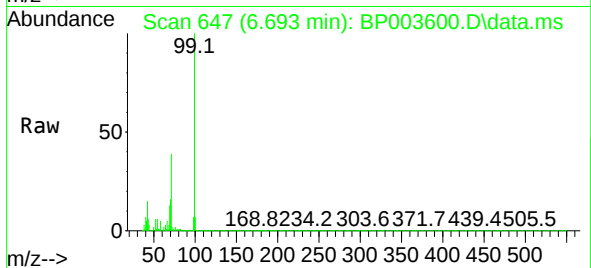




#7
Phenol-d6
Concen: 122.13 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

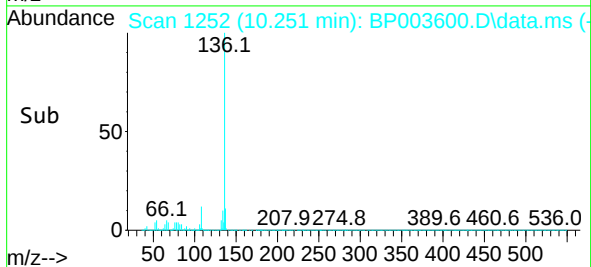
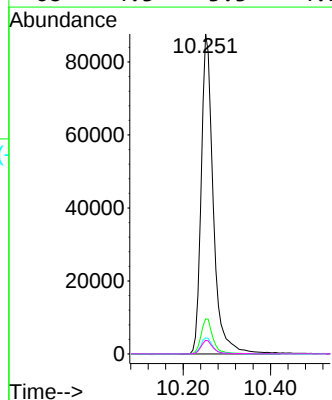
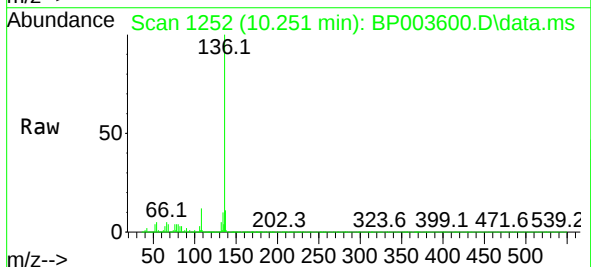
Instrument :
BNA_P
ClientSampleId :
12018

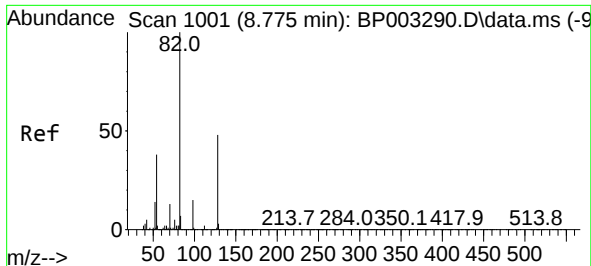
Tgt Ion: 99 Resp: 421285
Ion Ratio Lower Upper
99 100
42 14.6 8.6 13.0#
71 39.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.251 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion: 136 Resp: 168935
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 5.1 3.6 5.4
68 4.3 3.3 4.9

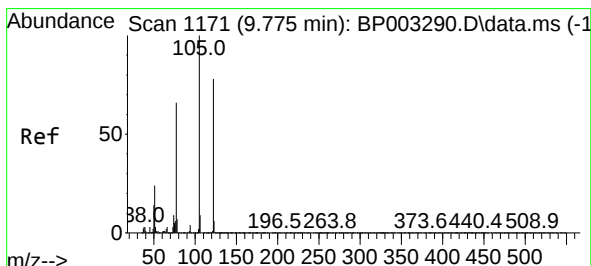
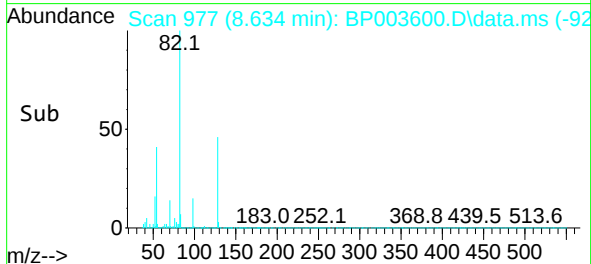
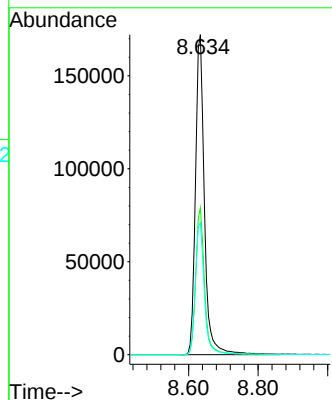
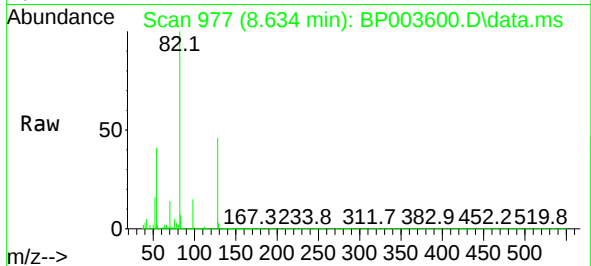




#23
Nitrobenzene-d5
Concen: 107.70 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

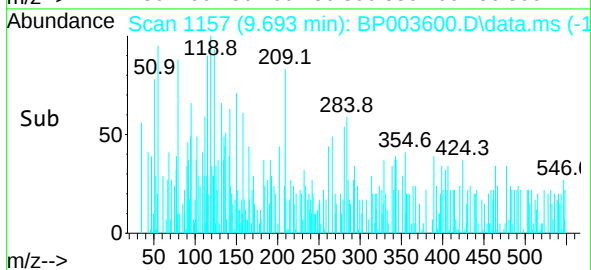
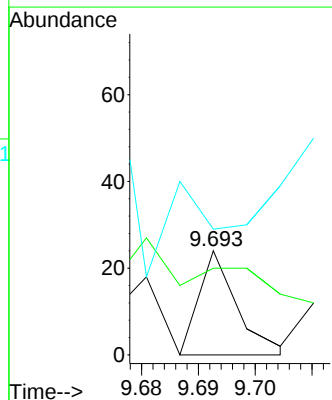
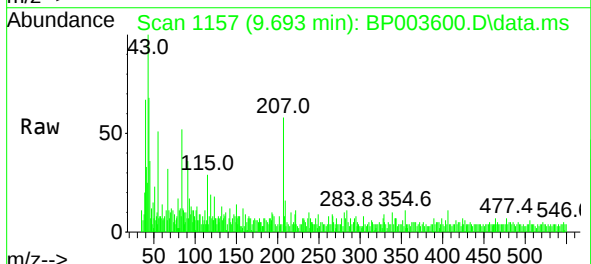
Instrument :
BNA_P
ClientSampleId :
12018

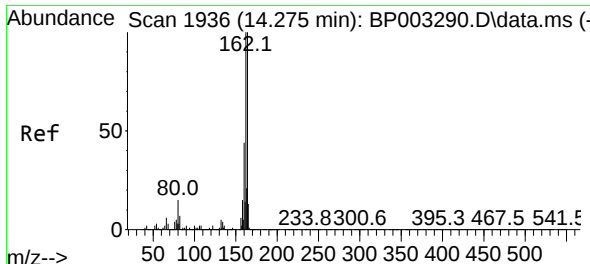
Tgt Ion:	82	Resp:	309694
Ion	Ratio	Lower	Upper
82	100		
128	45.9	45.6	68.4
54	41.2	30.1	45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.693 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion:	122	Resp:	11
Ion	Ratio	Lower	Upper
122	100		
105	83.3	94.1	134.1#
77	120.8	50.1	90.1#

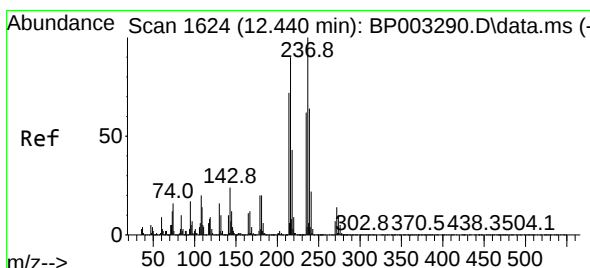
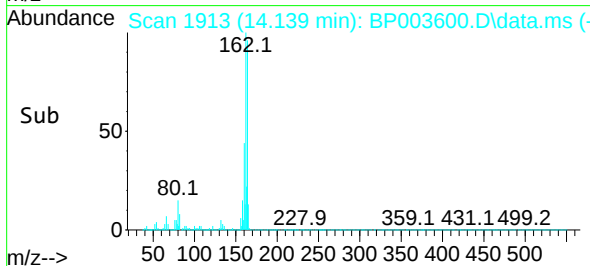
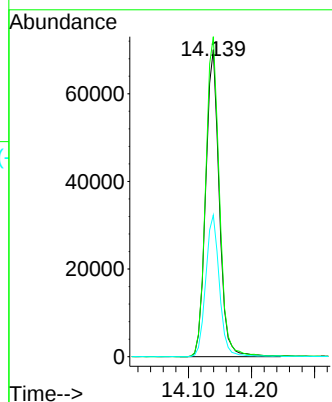
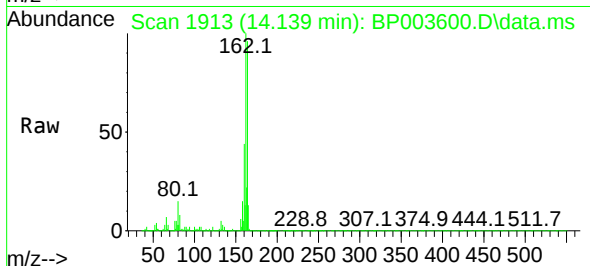




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.139 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

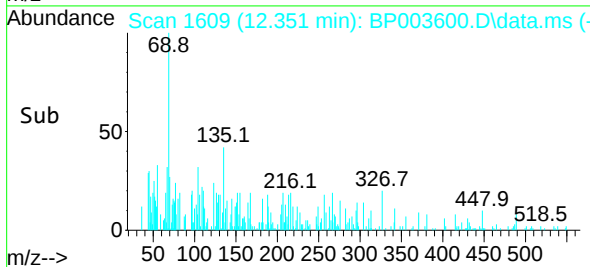
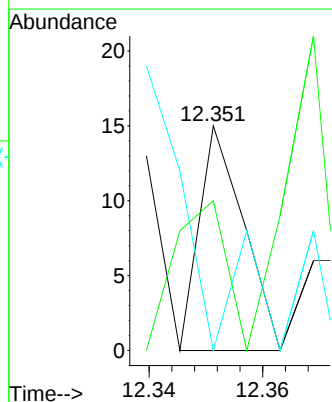
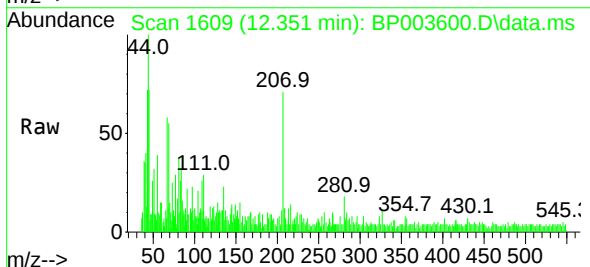
Instrument :
BNA_P
ClientSampleId :
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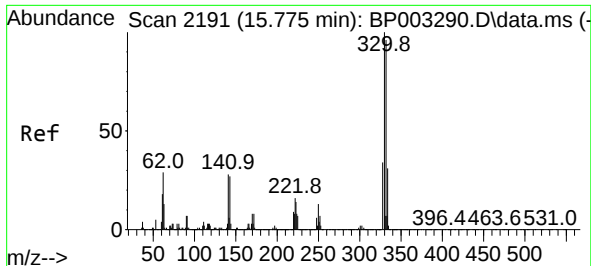
Tgt Ion:164 Resp: 104749
Ion Ratio Lower Upper
164 100
162 104.2 79.4 119.2
160 46.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.351 min Scan# 1609
Delta R.T. 0.059 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 58.8 43.2 83.2
272 0.0 0.0 33.3

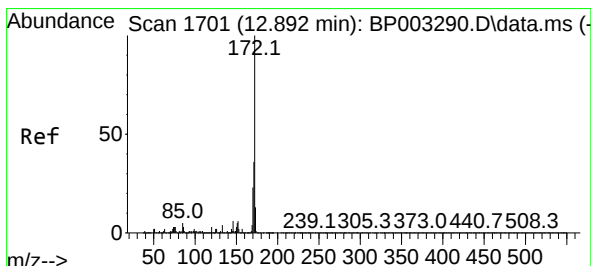
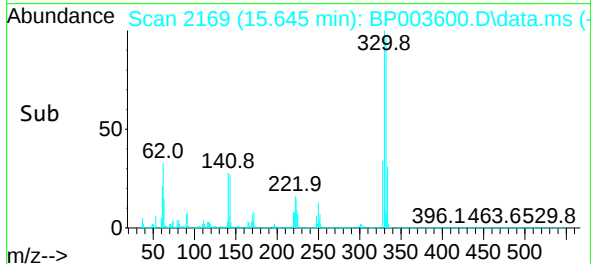
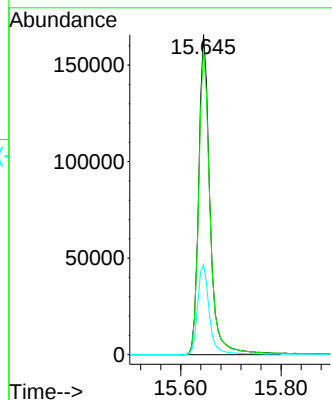
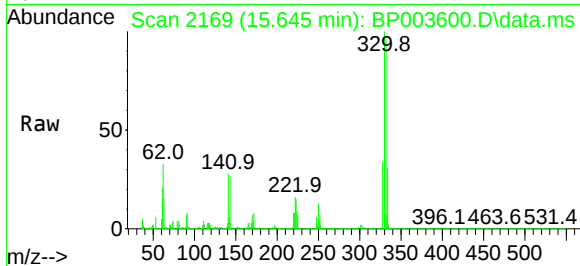




#42
2,4,6-Tribromophenol
Concen: 161.95 ng
RT: 15.645 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

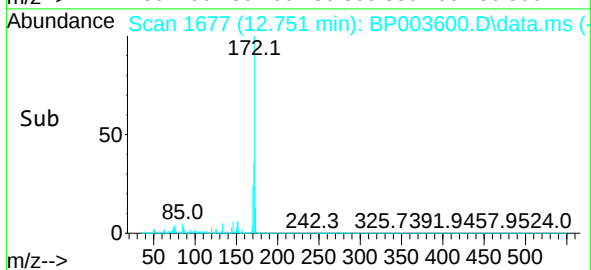
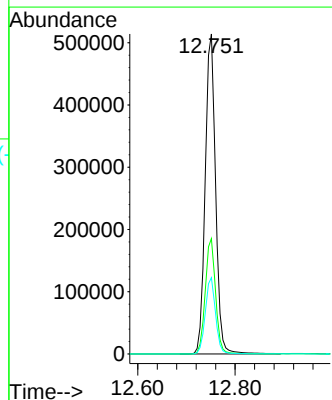
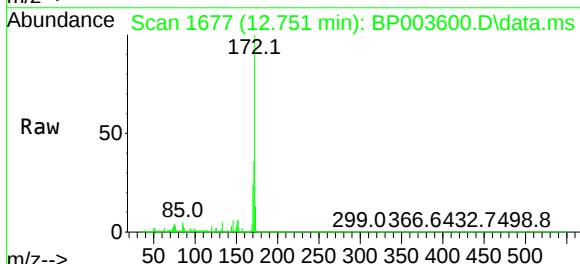
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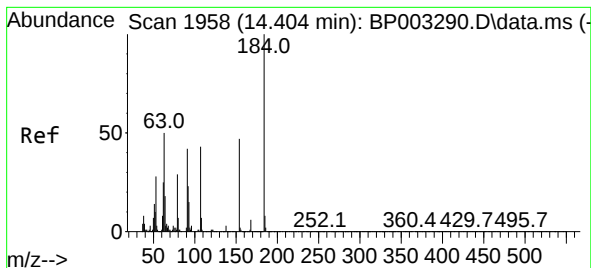
Tgt Ion:330 Resp: 258739
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 106.38 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion:172 Resp: 761889
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.8 19.2 28.8

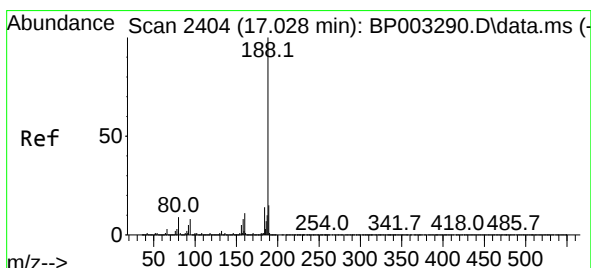
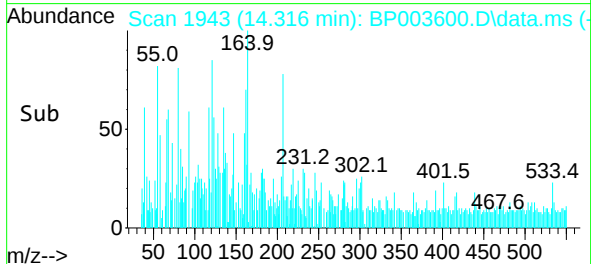
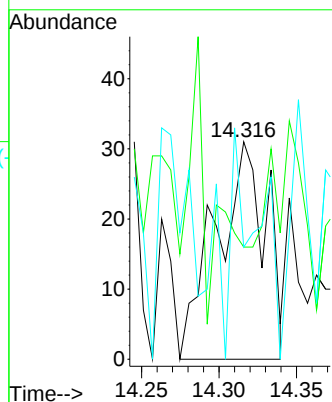
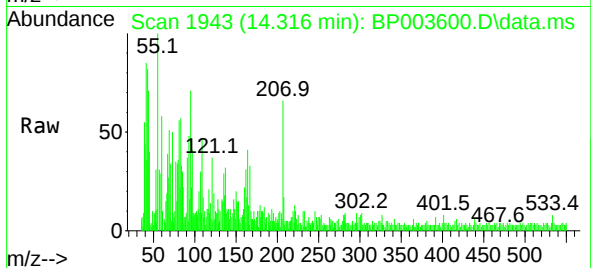




#54
2,4-Dinitrophenol
Concen: 7.33 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

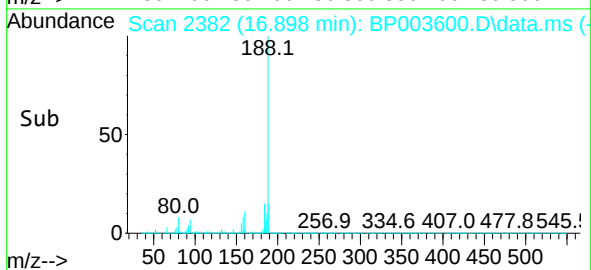
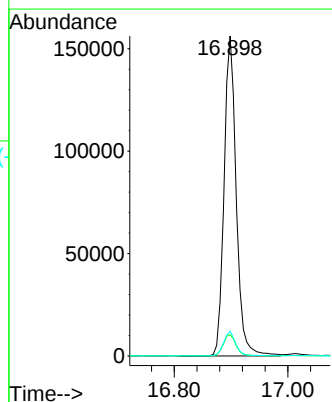
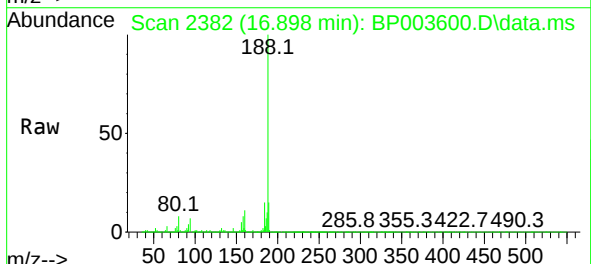
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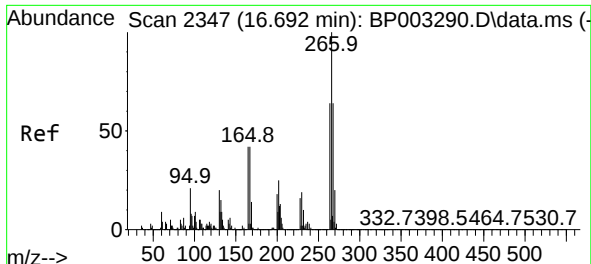
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 51.6 32.3 48.5#
154 51.6 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion:188 Resp: 233286
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.7 6.2 9.2

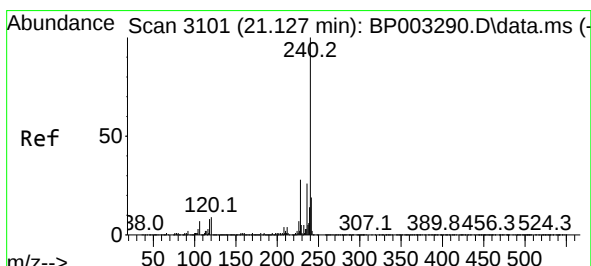
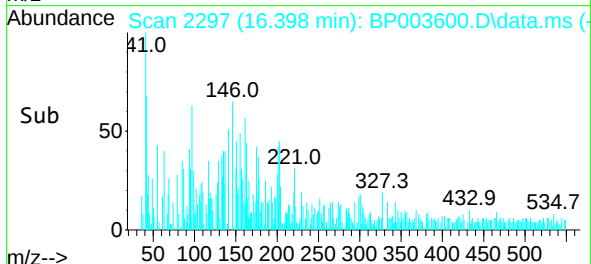
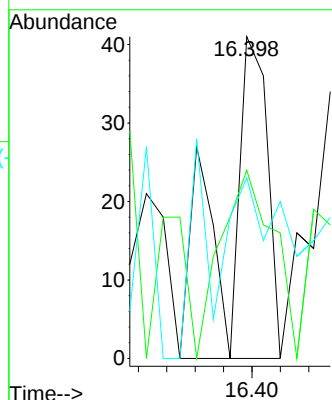
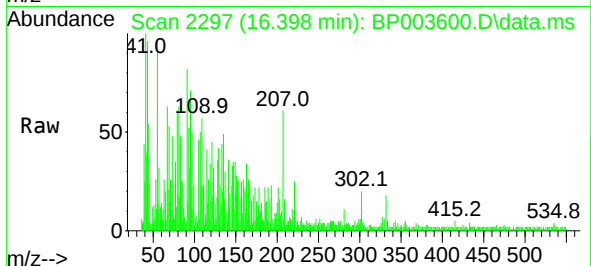




#70
Pentachlorophenol
Concen: 6.80 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.182 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

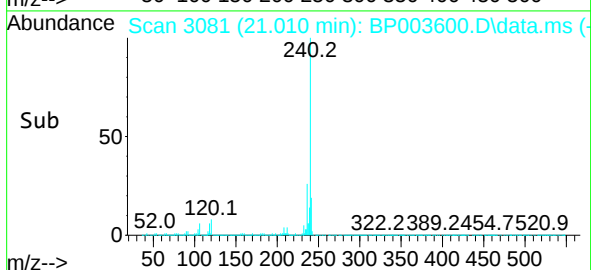
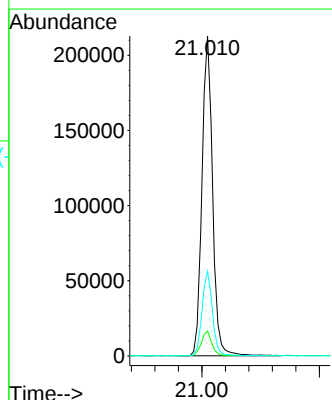
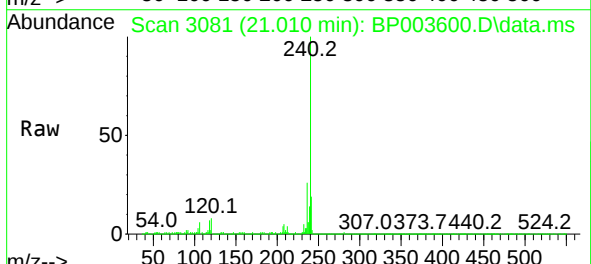
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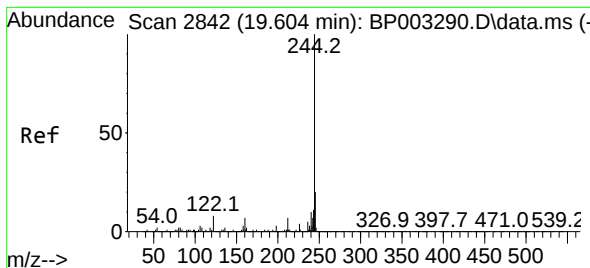
Tgt Ion:266 Resp: 43
Ion Ratio Lower Upper
266 100
268 58.5 51.1 76.7
264 56.1 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003600.D
Acq: 09 Oct 2020 18:55

Tgt Ion:240 Resp: 266533
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.6
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 99.83 ng

RT: 19.486 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BP003600.D

Acq: 09 Oct 2020 18:55

Instrument :

BNA_P

ClientSampleId :

12018

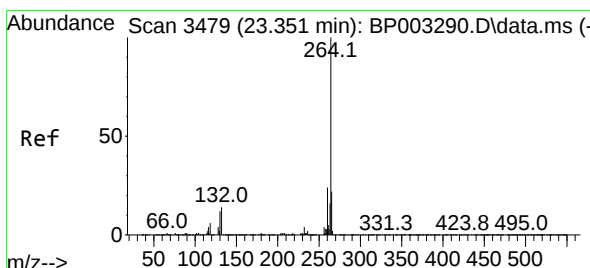
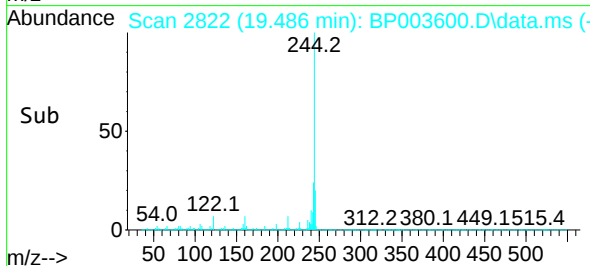
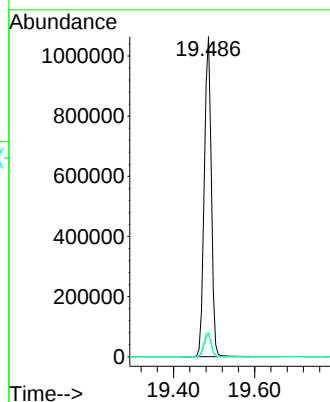
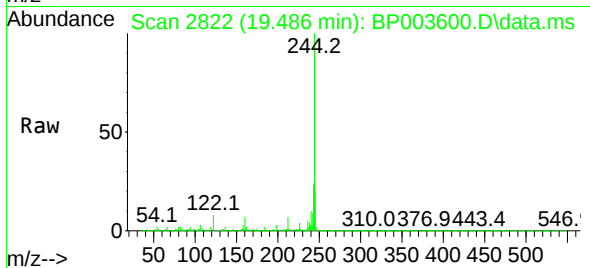
Tgt Ion:244 Resp: 1277034

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.5 7.8 11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.174 min Scan# 3449

Delta R.T. -0.000 min

Lab File: BP003600.D

Acq: 09 Oct 2020 18:55

Tgt Ion:264 Resp: 289796

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.6 17.4 26.2

