

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
 Data File : BP003603.D
 Acq On : 09 Oct 2020 20:38
 Operator : CG/JU
 Sample : L4319-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11995

Quant Time: Oct 10 00:12:07 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)

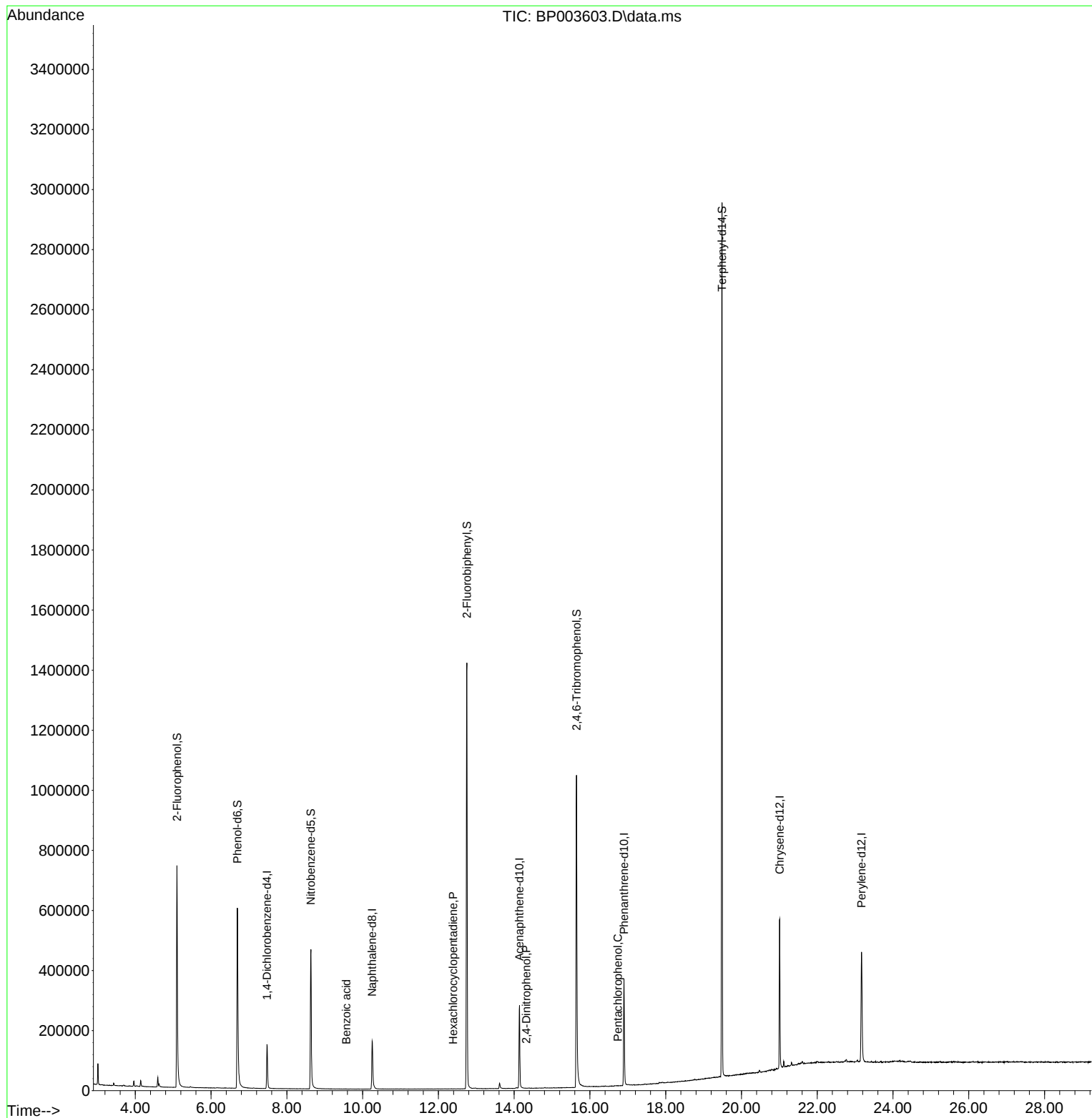
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.475	152	42687	20.00	ng	0.00
21) Naphthalene-d8	10.252	136	158846	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	99527	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	222583	20.00	ng	0.00
76) Chrysene-d12	21.010	240	254950	20.00	ng	# 0.00
86) Perylene-d12	23.169	264	281167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	362796	148.40	ng	0.00
7) Phenol-d6	6.693	99	414074	127.07	ng	0.00
23) Nitrobenzene-d5	8.634	82	302613	111.92	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	252465	166.31	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	750090	110.22	ng	0.00
79) Terphenyl-d14	19.486	244	1258836	102.88	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.569	122	58	9.19	ng	81
41) Hexachlorocyclopentadiene	12.387	237	12	6.85	ng	74
54) 2,4-Dinitrophenol	14.322	184	12	7.27	ng	# 53
70) Pentachlorophenol	16.734	266	15	6.78	ng	92

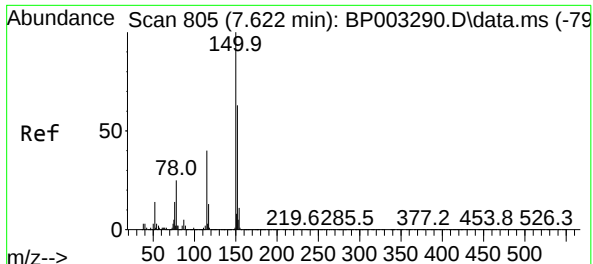
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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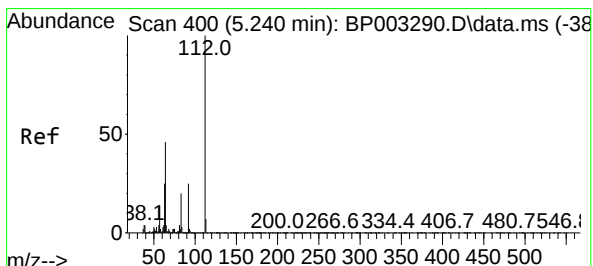
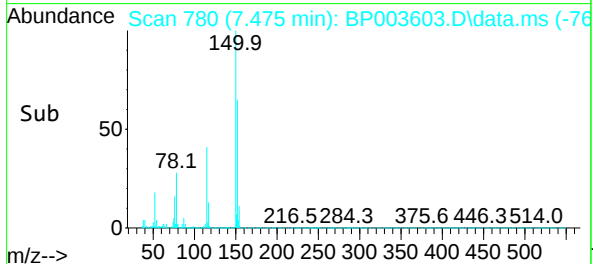
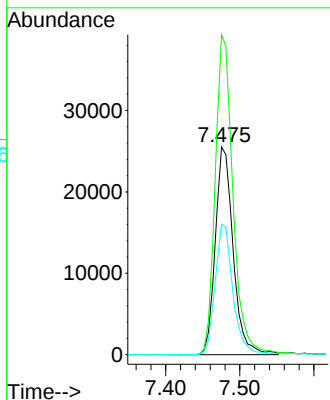
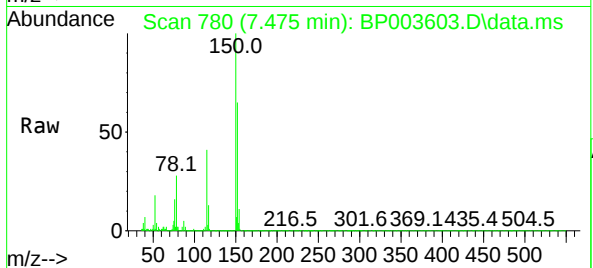




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

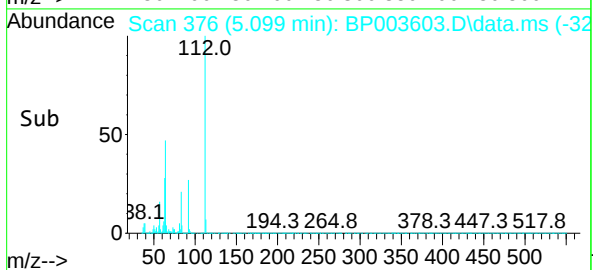
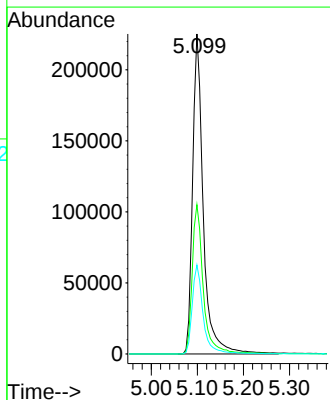
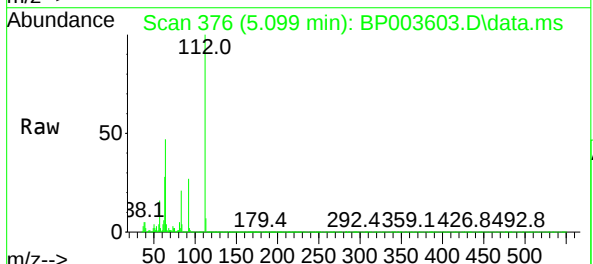
Instrument :
BNA_P
ClientSampleId :
11995

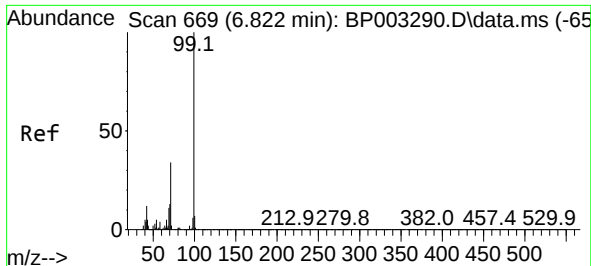
Tgt Ion:152 Resp: 42687
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 62.8 43.8 65.6



#5
2-Fluorophenol
Concen: 148.40 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion:112 Resp: 362796
Ion Ratio Lower Upper
112 100
64 46.7 32.8 49.2
63 27.8 17.0 25.4#

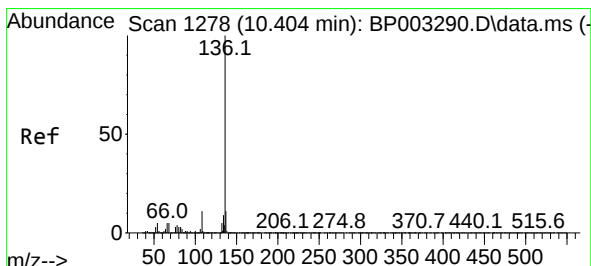
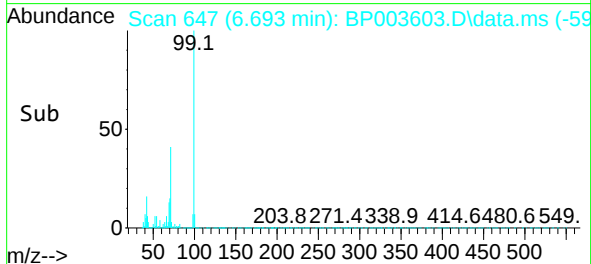
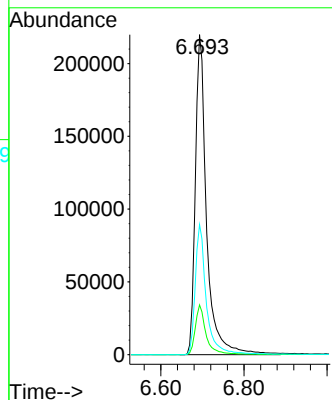
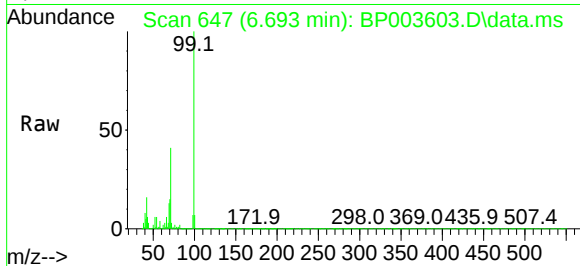




#7
Phenol-d6
Concen: 127.07 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

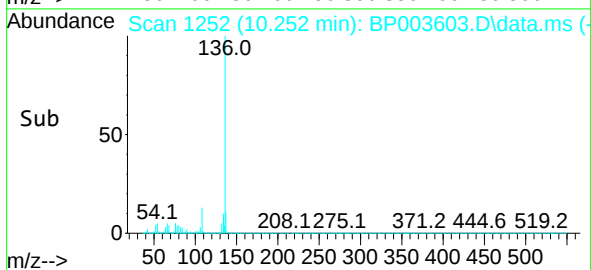
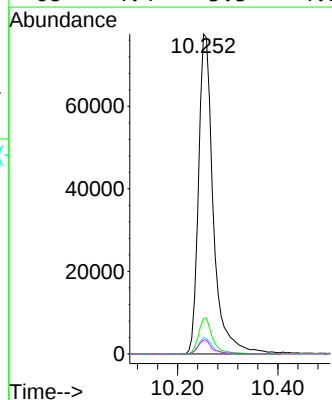
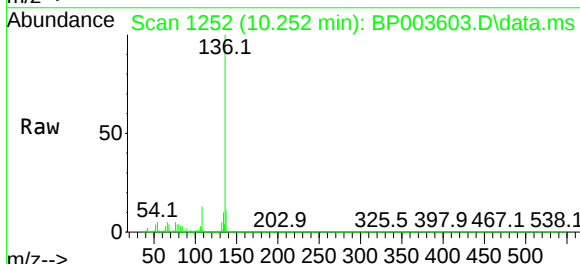
Instrument :
BNA_P
ClientSampleId :
11995

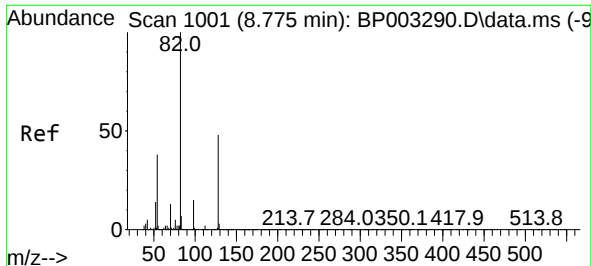
Tgt Ion: 99 Resp: 414074
Ion Ratio Lower Upper
99 100
42 15.6 8.6 13.0#
71 40.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.252 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion:136 Resp: 158846
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 5.2 3.6 5.4
68 4.4 3.3 4.9

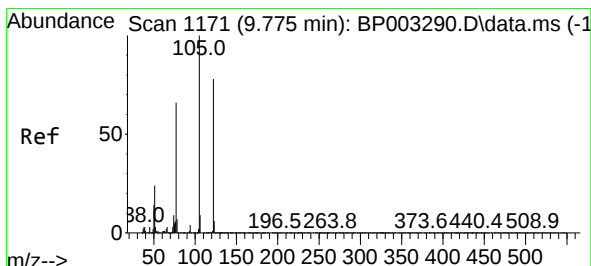
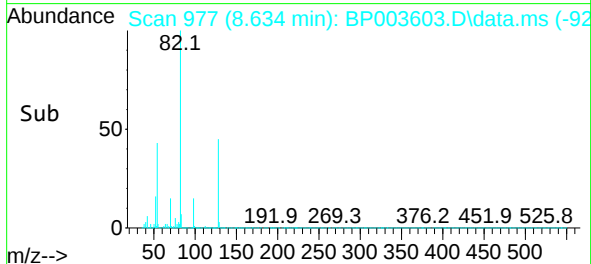
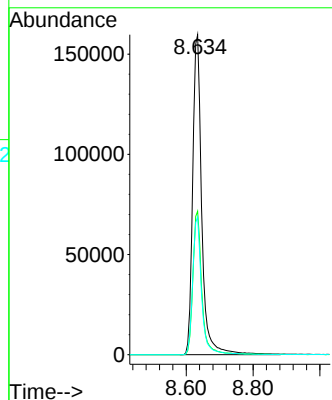
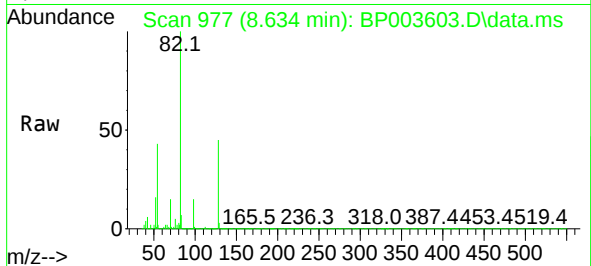




#23
Nitrobenzene-d5
Concen: 111.92 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

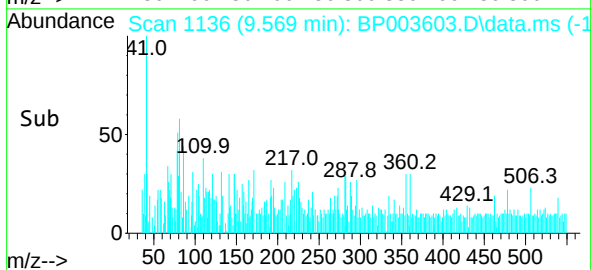
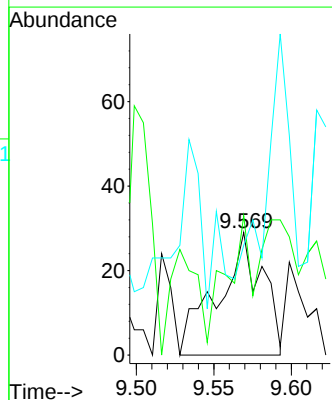
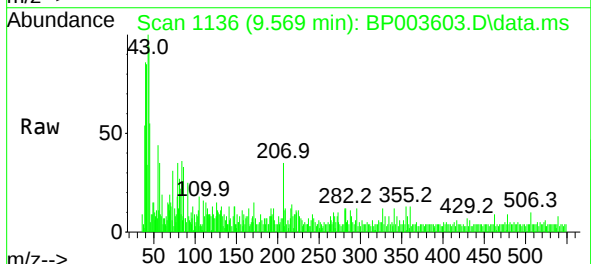
Instrument :
BNA_P
ClientSampleId :
11995

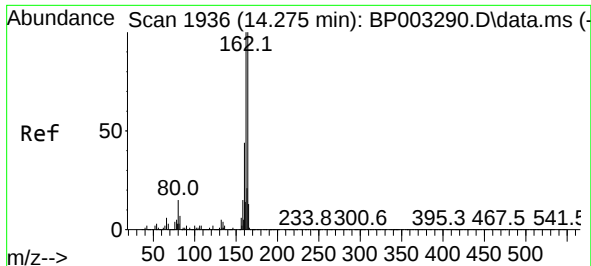
Tgt Ion: 82 Resp: 302613
Ion Ratio Lower Upper
82 100
128 44.9 45.6 68.4#
54 43.1 30.1 45.1



#32
Benzoic acid
Concen: 9.19 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.112 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 131.0 94.1 134.1
77 89.7 50.1 90.1

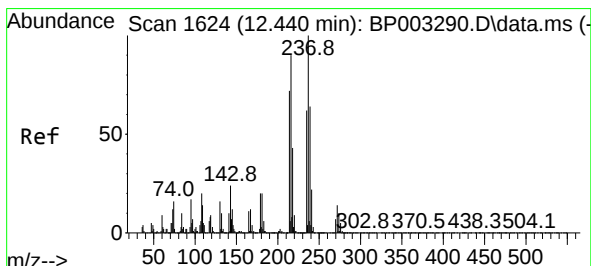
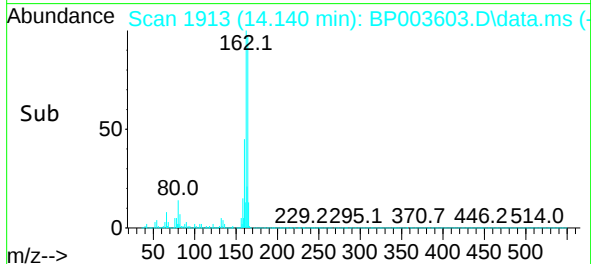
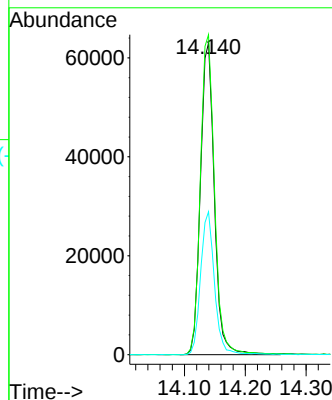
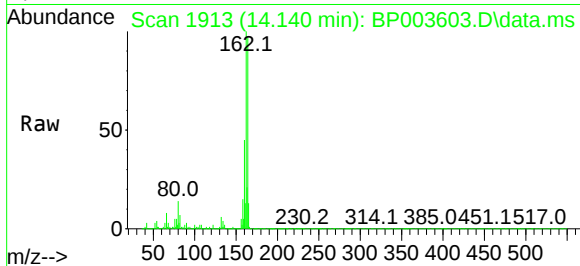




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

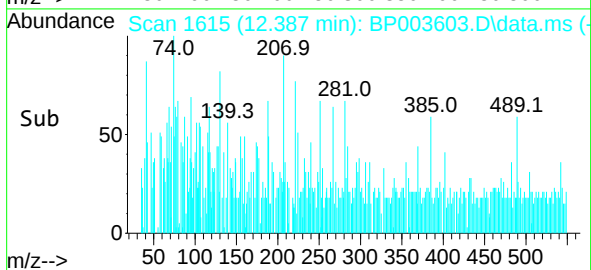
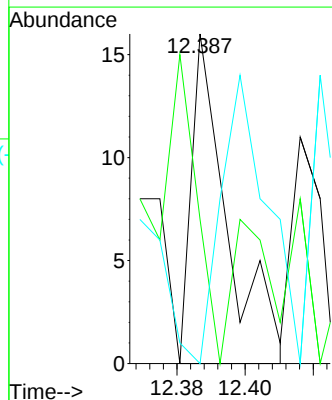
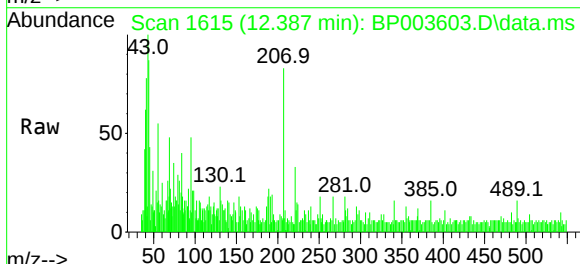
Instrument :
BNA_P
ClientSampleId :
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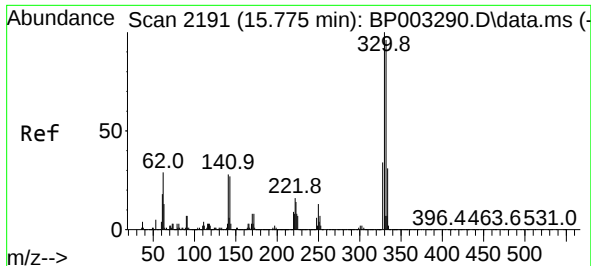
Tgt Ion:164 Resp: 99527
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 45.8 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.387 min Scan# 1615
Delta R.T. 0.094 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 43.8 43.2 83.2
272 0.0 0.0 33.3

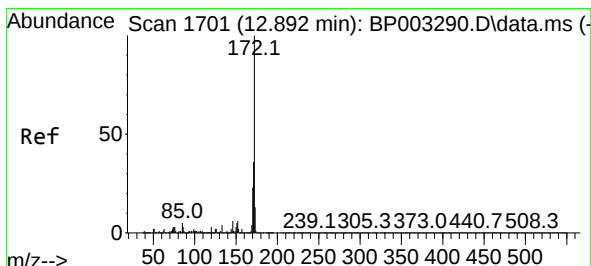
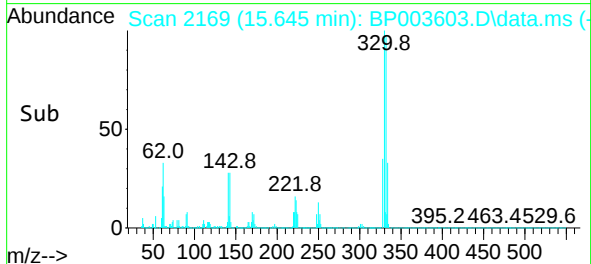
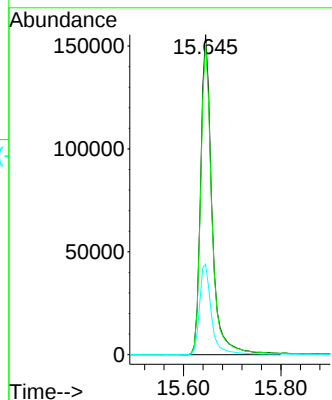
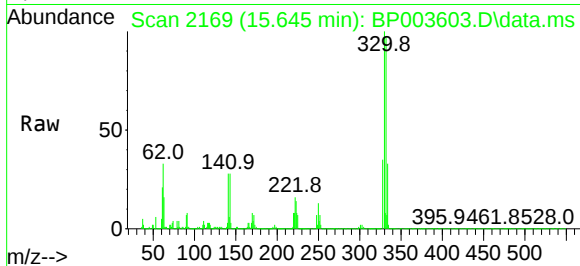




#42
2,4,6-Tribromophenol
Concen: 166.31 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

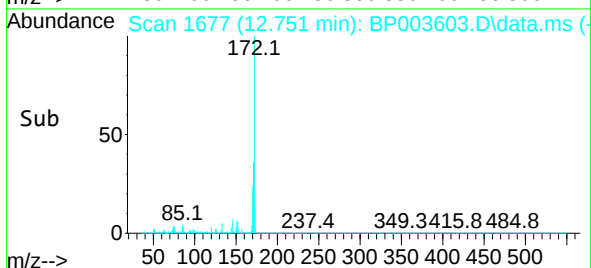
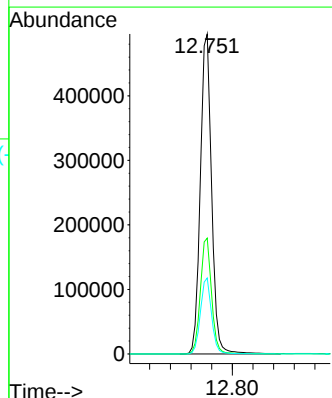
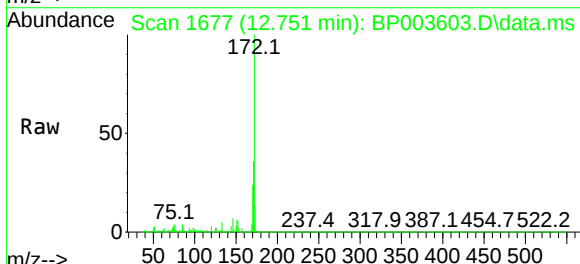
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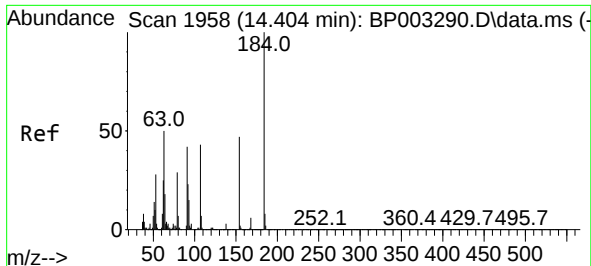
Tgt Ion:330 Resp: 252465
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 110.22 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion:172 Resp: 750090
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.8 19.2 28.8

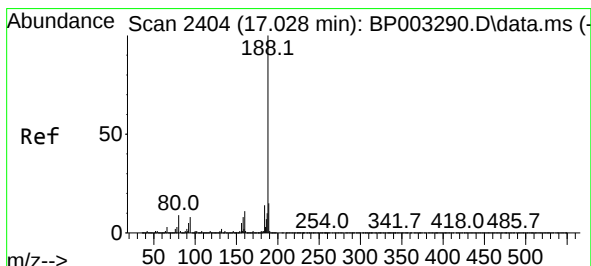
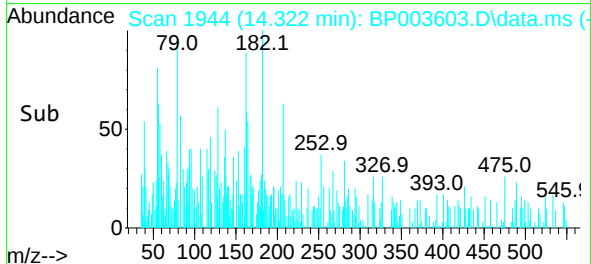
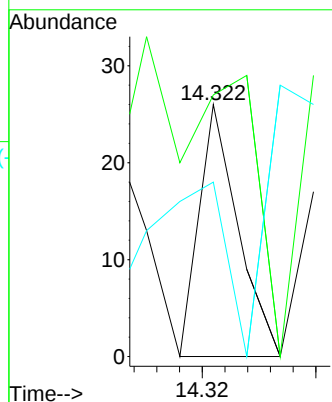
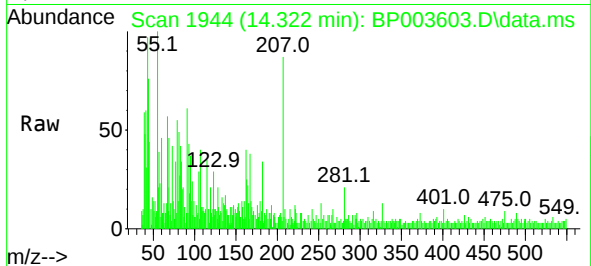




#54
2,4-Dinitrophenol
Concen: 7.27 ng
RT: 14.322 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

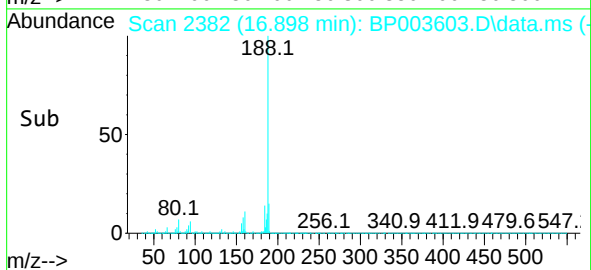
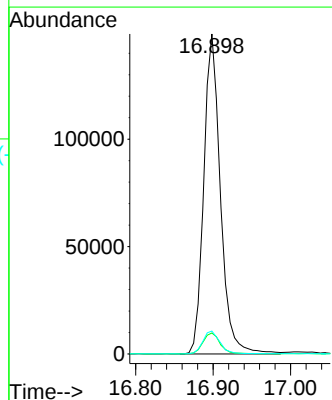
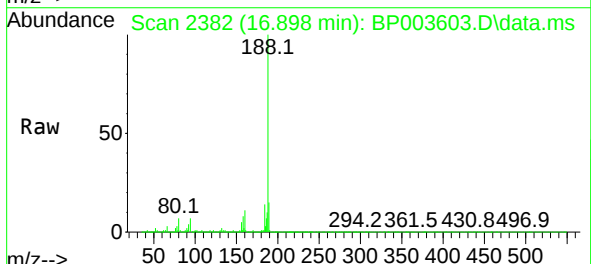
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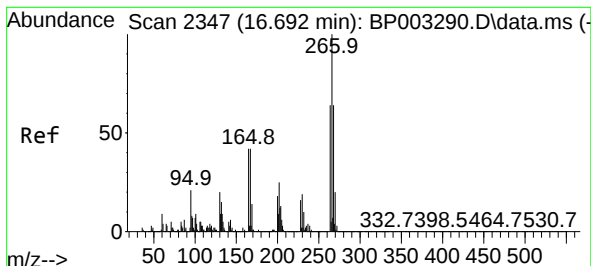
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 103.8 32.3 48.5#
154 69.2 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion:188 Resp: 222583
Ion Ratio Lower Upper
188 100
94 6.5 6.2 9.2
80 7.2 6.2 9.2

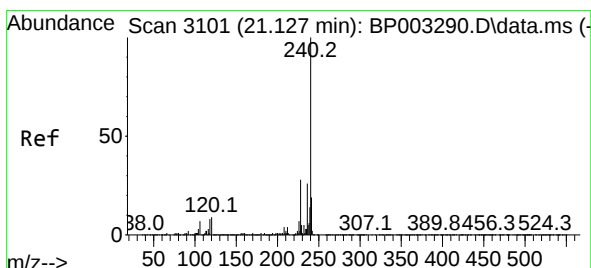
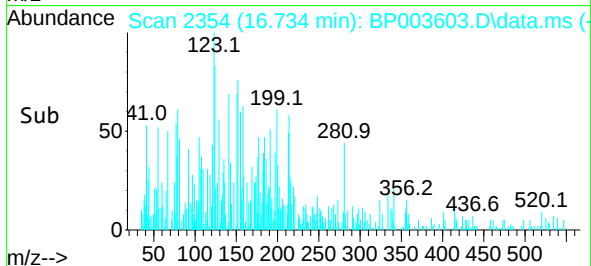
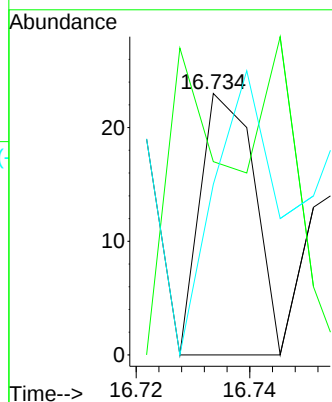
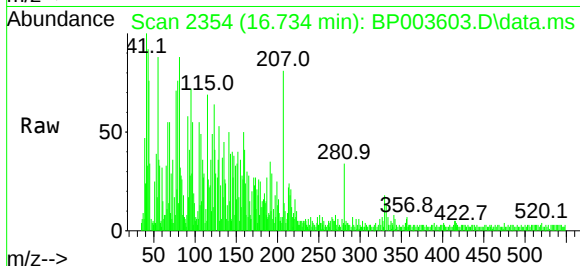




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.734 min Scan# 2354
Delta R.T. 0.153 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

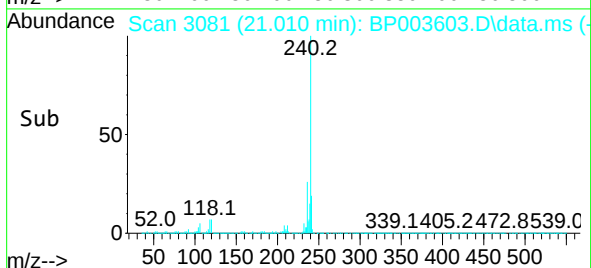
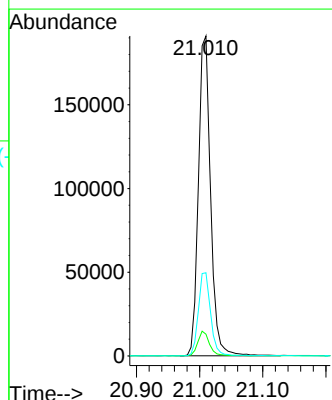
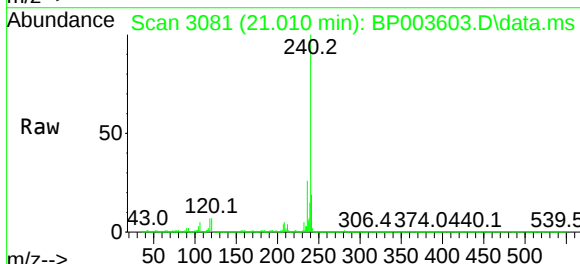
Instrument :
BNA_P
ClientSampled :
11995

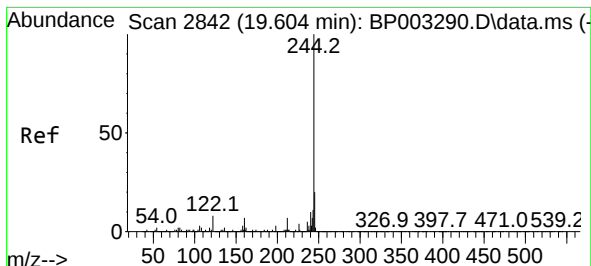
Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
268 73.9 51.1 76.7
264 65.2 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003603.D
Acq: 09 Oct 2020 20:38

Tgt Ion:240 Resp: 254950
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 102.88 ng

RT: 19.486 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP003603.D

Acq: 09 Oct 2020 20:38

Instrument :

BNA_P

ClientSampleId :

11995

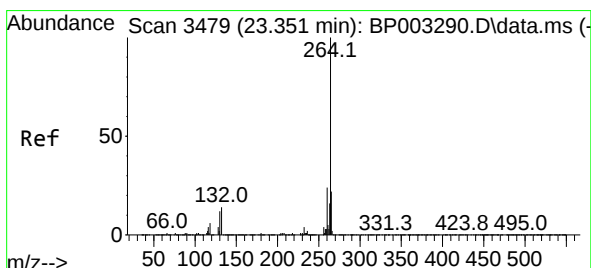
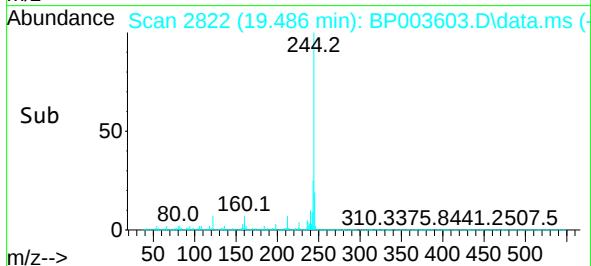
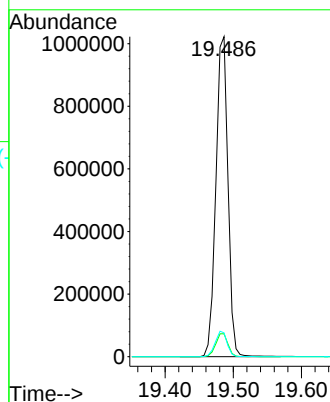
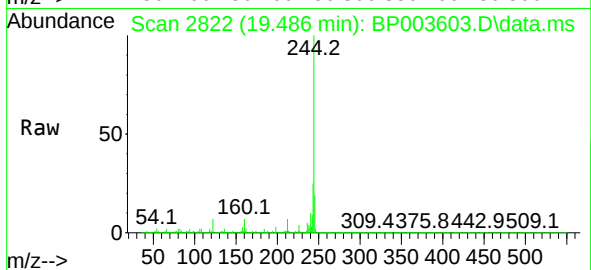
Tgt Ion:244 Resp: 1258836

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 7.5 7.8 11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.169 min Scan# 3448

Delta R.T. -0.006 min

Lab File: BP003603.D

Acq: 09 Oct 2020 20:38

Tgt Ion:264 Resp: 281167

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.4 26.2

