

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004816.D
 Acq On : 19 Feb 2021 11:34
 Operator : CG/JU
 Sample : PB134684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB134684BL

Quant Time: Feb 19 12:16:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

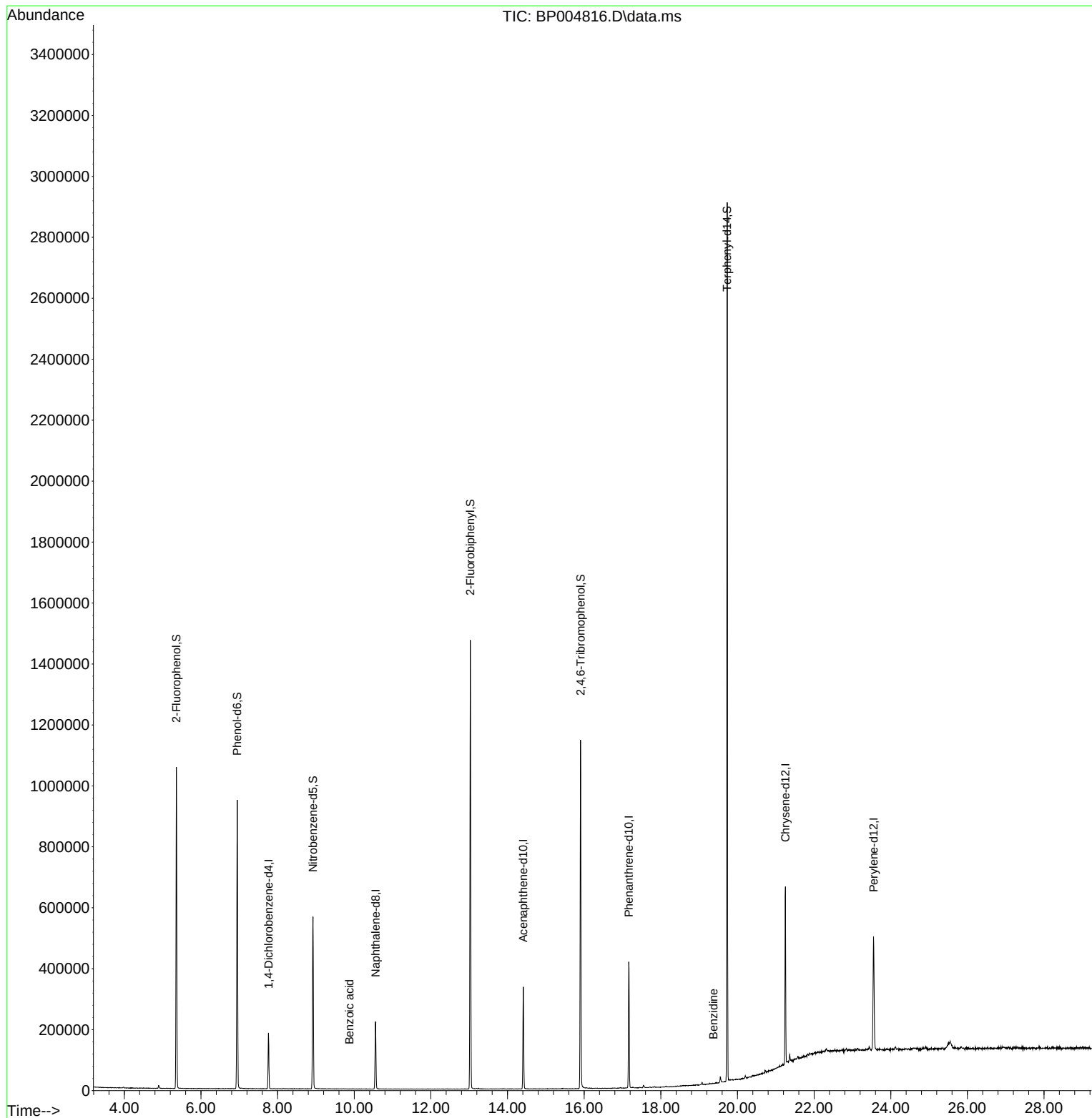
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	47329	20.00	ng	# 0.00
21) Naphthalene-d8	10.557	136	178573	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	107187	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	244392	20.00	ng	0.00
76) Chrysene-d12	21.251	240	267134	20.00	ng	# 0.00
86) Perylene-d12	23.551	264	268276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	408220	133.17	ng	0.00
7) Phenol-d6	6.946	99	497632	118.05	ng	0.00
23) Nitrobenzene-d5	8.922	82	313433	76.48	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	193296	135.73	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	709402	80.89	ng	0.00
79) Terphenyl-d14	19.727	244	1213286	76.29	ng	0.00
Target Compounds						
32) Benzoic acid	9.875	122	7	6.85	ng	# 1
77) Benzidine	19.375	184	56	2.15	ng	# 1

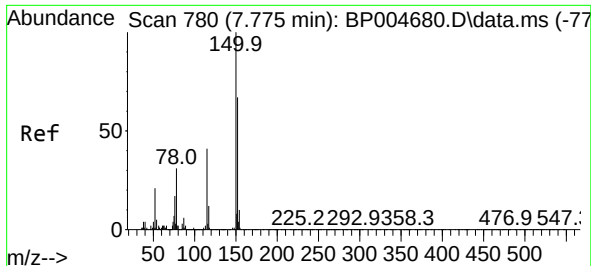
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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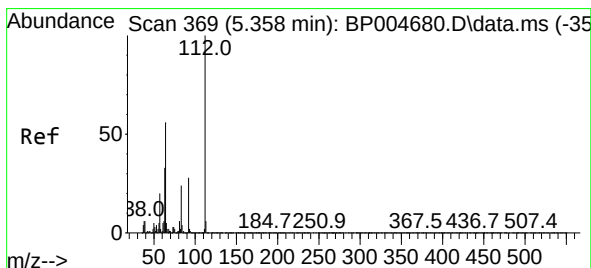
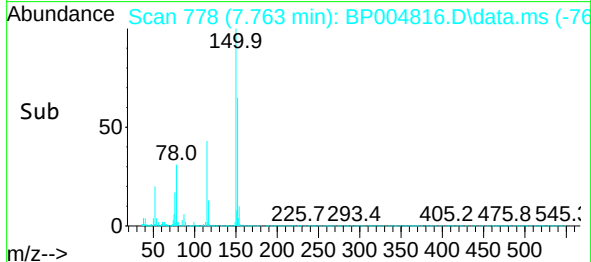
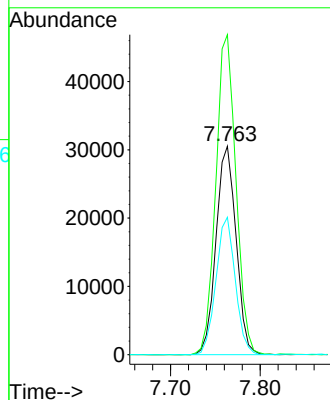
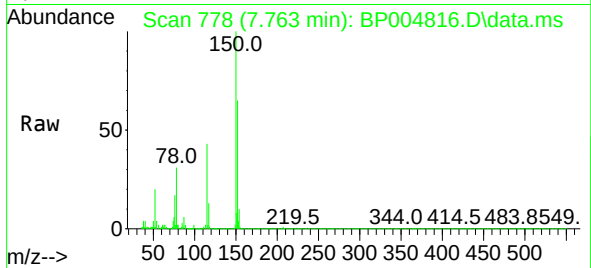




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

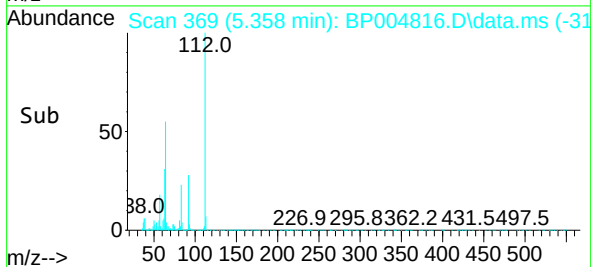
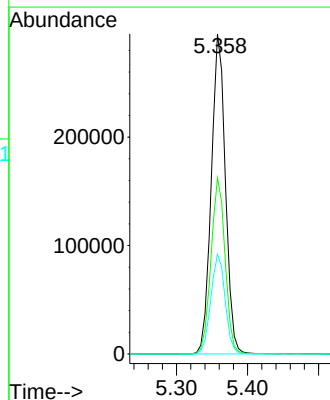
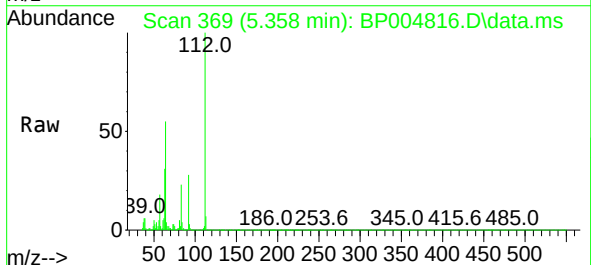
Instrument :
BNA_P
ClientSampleId :
PB134684BL

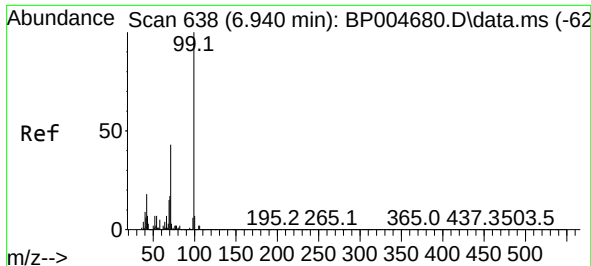
Tgt Ion:152 Resp: 47329
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.6
115 65.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 133.17 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

Tgt Ion:112 Resp: 408220
Ion Ratio Lower Upper
112 100
64 55.0 32.8 49.2#
63 31.2 17.0 25.4#

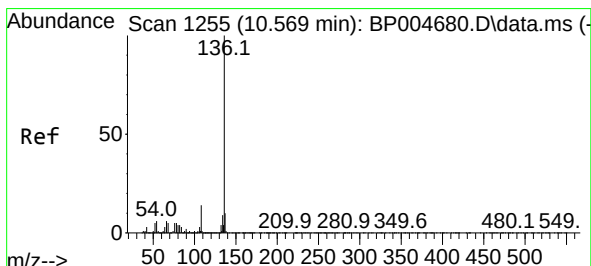
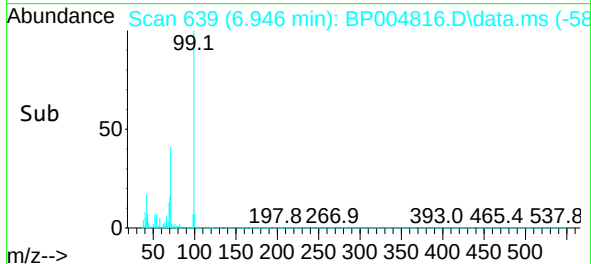
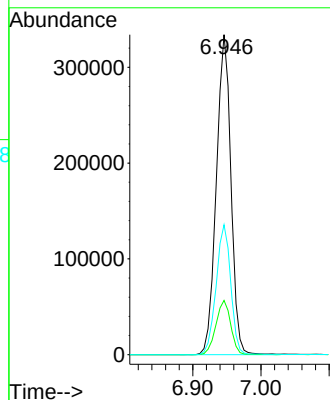
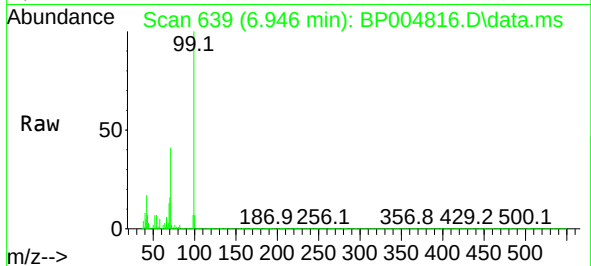




#7
Phenol-d6
Concen: 118.05 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

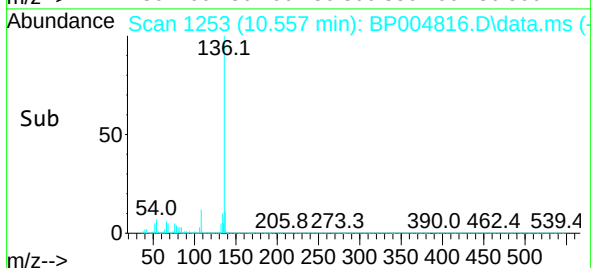
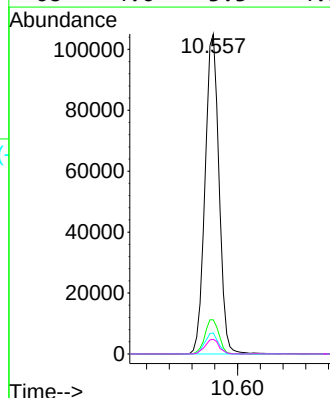
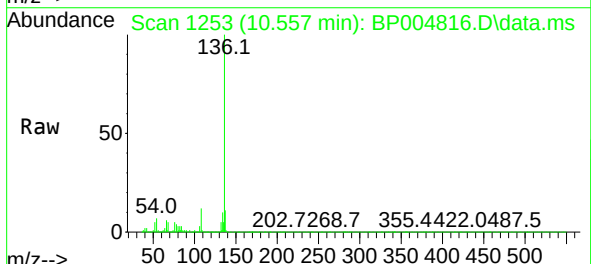
Instrument :
BNA_P
ClientSampleId :
PB134684BL

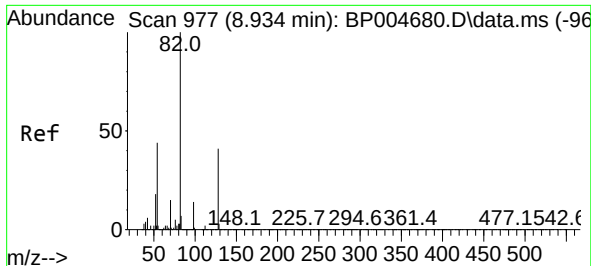
Tgt Ion: 99 Resp: 497632
Ion Ratio Lower Upper
99 100
42 16.9 8.6 13.0#
71 40.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.557 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

Tgt Ion: 136 Resp: 178573
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.6 3.6 5.4#
68 4.6 3.3 4.9





#23

Nitrobenzene-d5

Concen: 76.48 ng

RT: 8.922 min Scan# 975

Delta R.T. 0.000 min

Lab File: BP004816.D

Acq: 19 Feb 2021 11:34

Tgt Ion: 82 Resp: 313433

Ion Ratio Lower Upper

82 100

128 42.0 45.6 68.4#

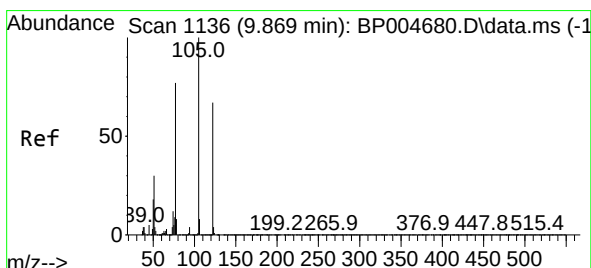
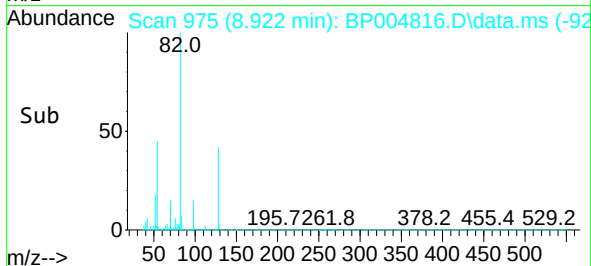
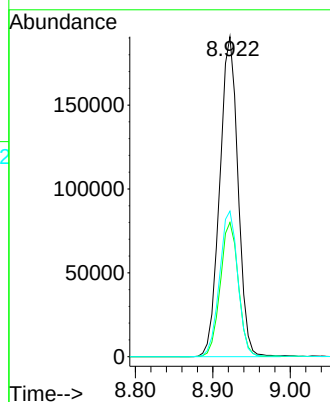
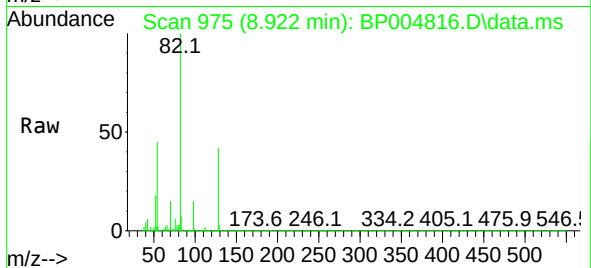
54 45.5 30.1 45.1#

Instrument :

BNA_P

ClientSampleId :

PB134684BL



#32

Benzoic acid

Concen: 6.85 ng

RT: 9.875 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BP004816.D

Acq: 19 Feb 2021 11:34

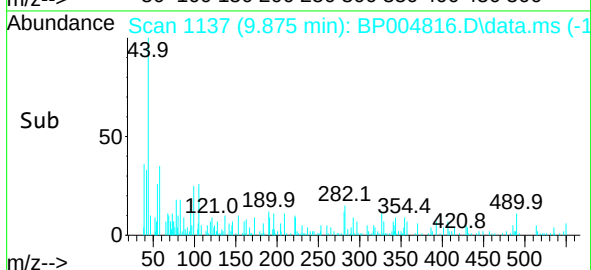
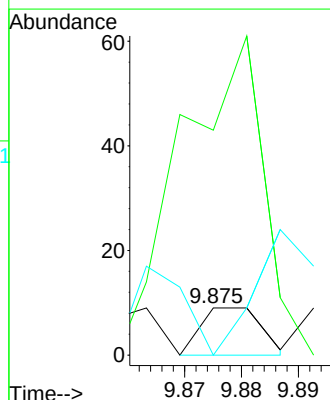
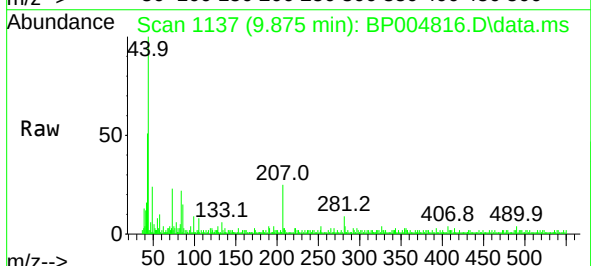
Tgt Ion:122 Resp: 7

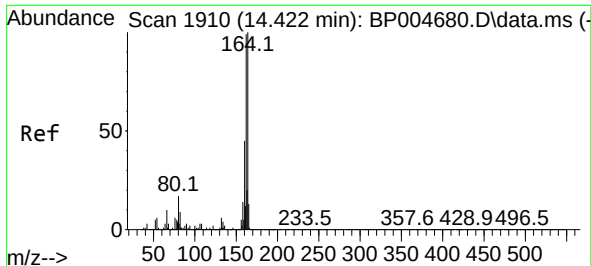
Ion Ratio Lower Upper

122 100

105 477.8 94.1 134.1#

77 0.0 50.1 90.1#

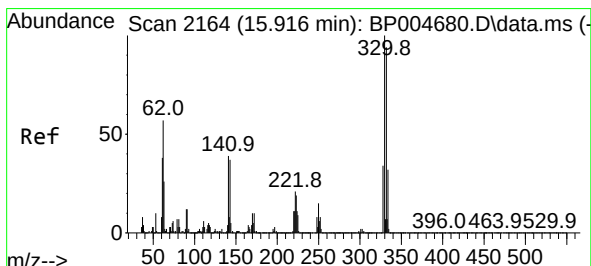
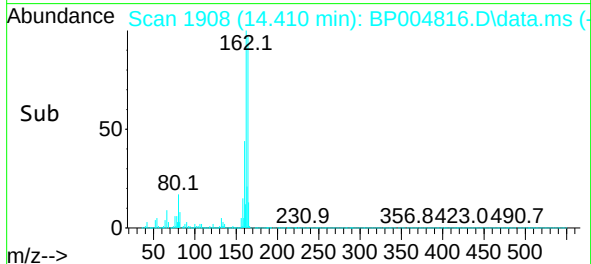
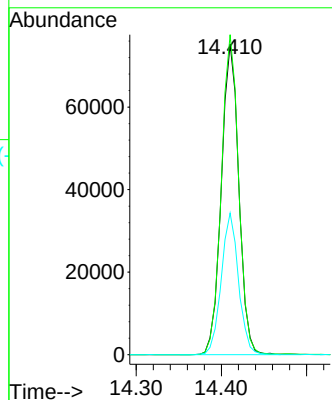
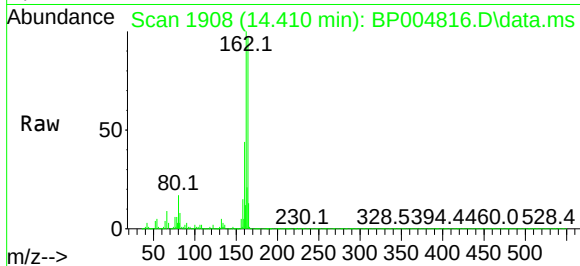




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

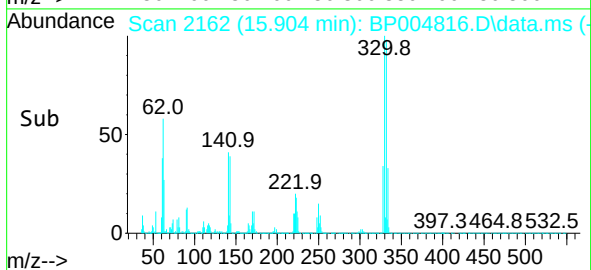
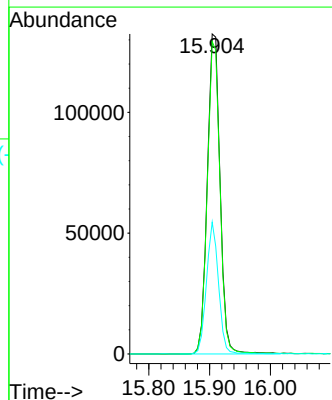
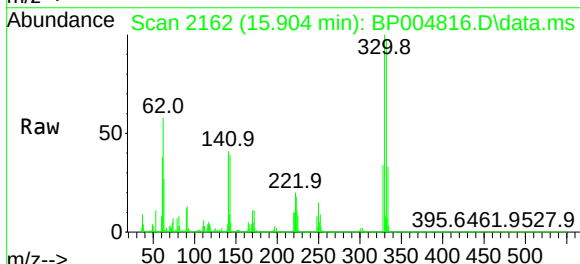
Instrument :
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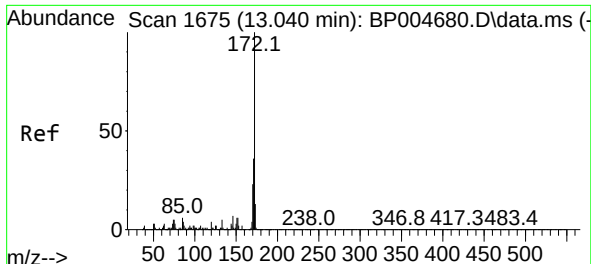
Tgt Ion:164 Resp: 107187
Ion Ratio Lower Upper
164 100
162 103.0 79.4 119.2
160 45.6 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 135.73 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

Tgt Ion:330 Resp: 193296
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 38.9 23.4 35.2#

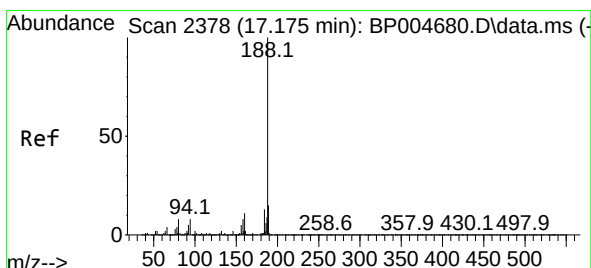
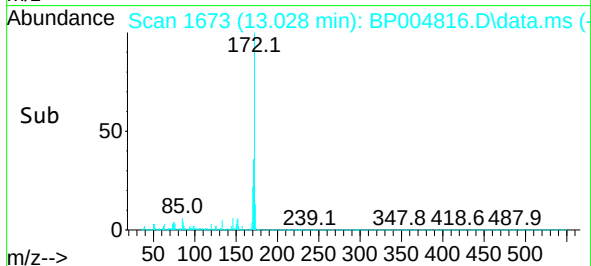
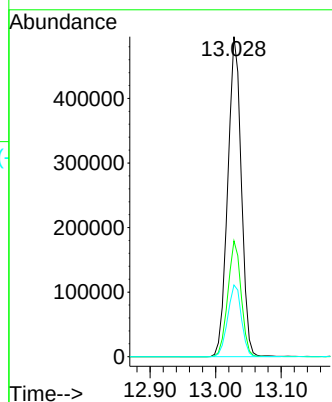
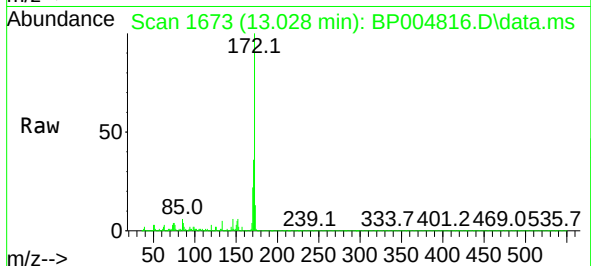




#45
2-Fluorobiphenyl
Concen: 80.89 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

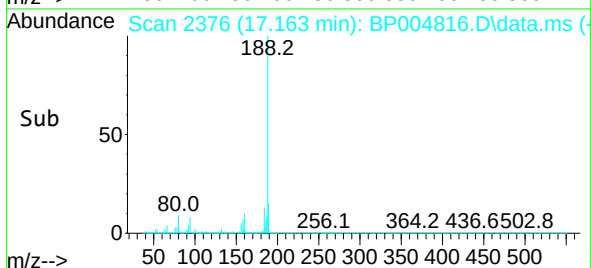
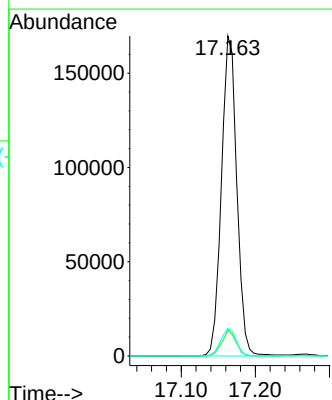
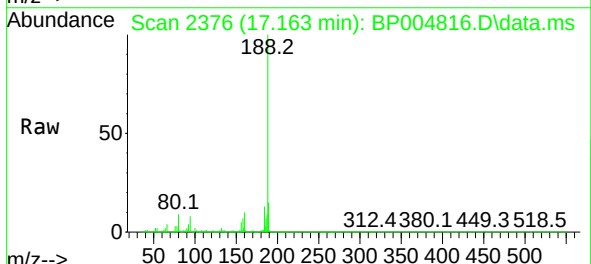
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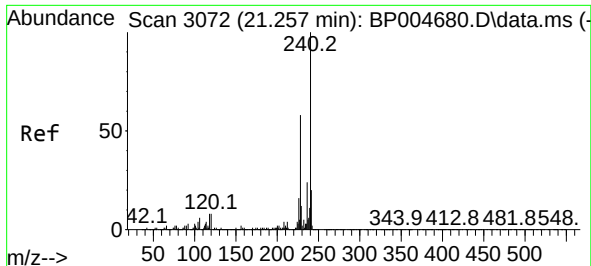
Tgt Ion:172 Resp: 709402
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 22.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

Tgt Ion:188 Resp: 244392
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.6 6.2 9.2

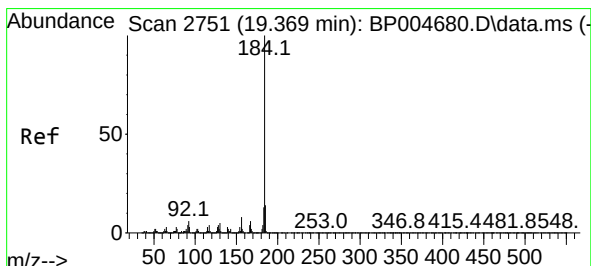
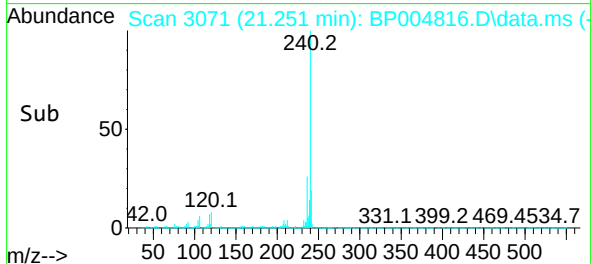
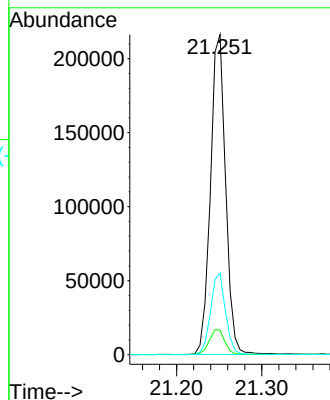
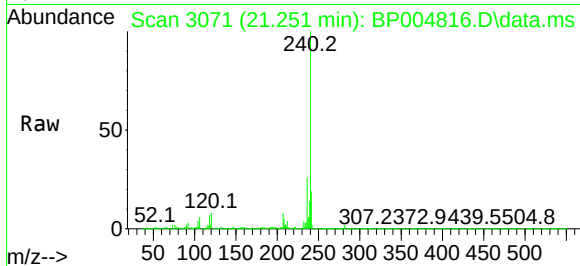




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

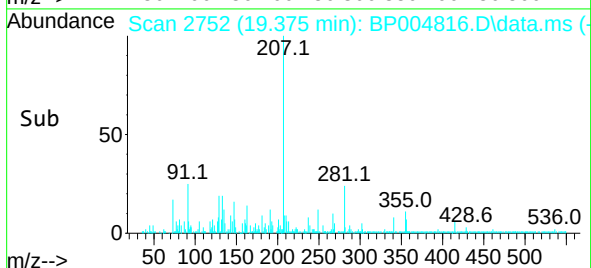
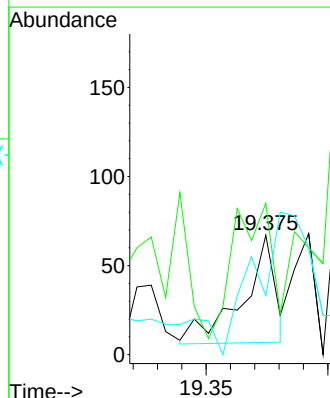
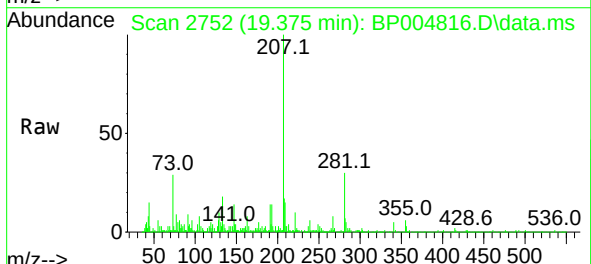
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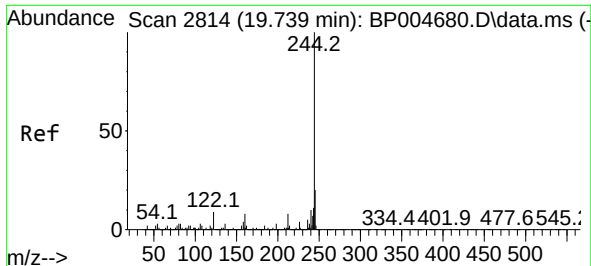
Tgt Ion:240 Resp: 267134
Ion Ratio Lower Upper
240 100
120 7.6 7.8 11.6#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.15 ng
RT: 19.375 min Scan# 2752
Delta R.T. 0.012 min
Lab File: BP004816.D
Acq: 19 Feb 2021 11:34

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
185 126.9 11.5 17.3#
183 49.3 9.6 14.4#

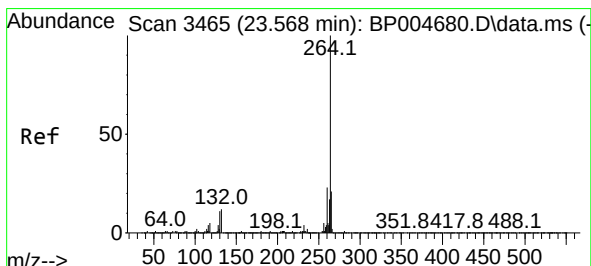
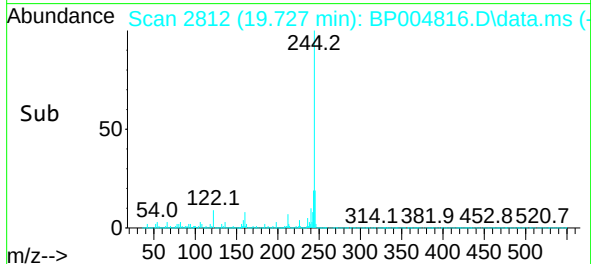
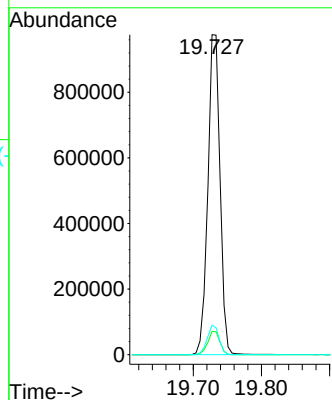
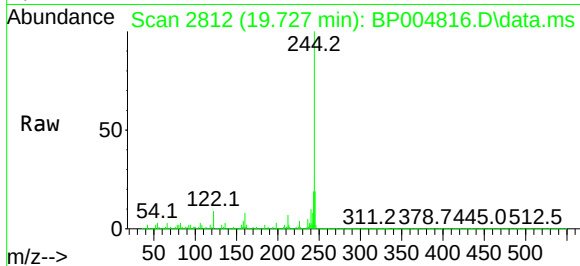




#79
 Terphenyl-d14
 Concen: 76.29 ng
 RT: 19.727 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BP004816.D
 Acq: 19 Feb 2021 11:34

Instrument :
 BNA_P
 ClientSampleId :
 PB134684BL

Tgt Ion:244 Resp: 1213286
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.551 min Scan# 3462
 Delta R.T. -0.006 min
 Lab File: BP004816.D
 Acq: 19 Feb 2021 11:34

Tgt Ion:264 Resp: 268276
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.8 28.2
 265 21.1 17.4 26.2

