

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004826.D
 Acq On : 19 Feb 2021 17:22
 Operator : CG/JU
 Sample : M1434-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-SOIL-PILE

Quant Time: Feb 19 23:52:21 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)

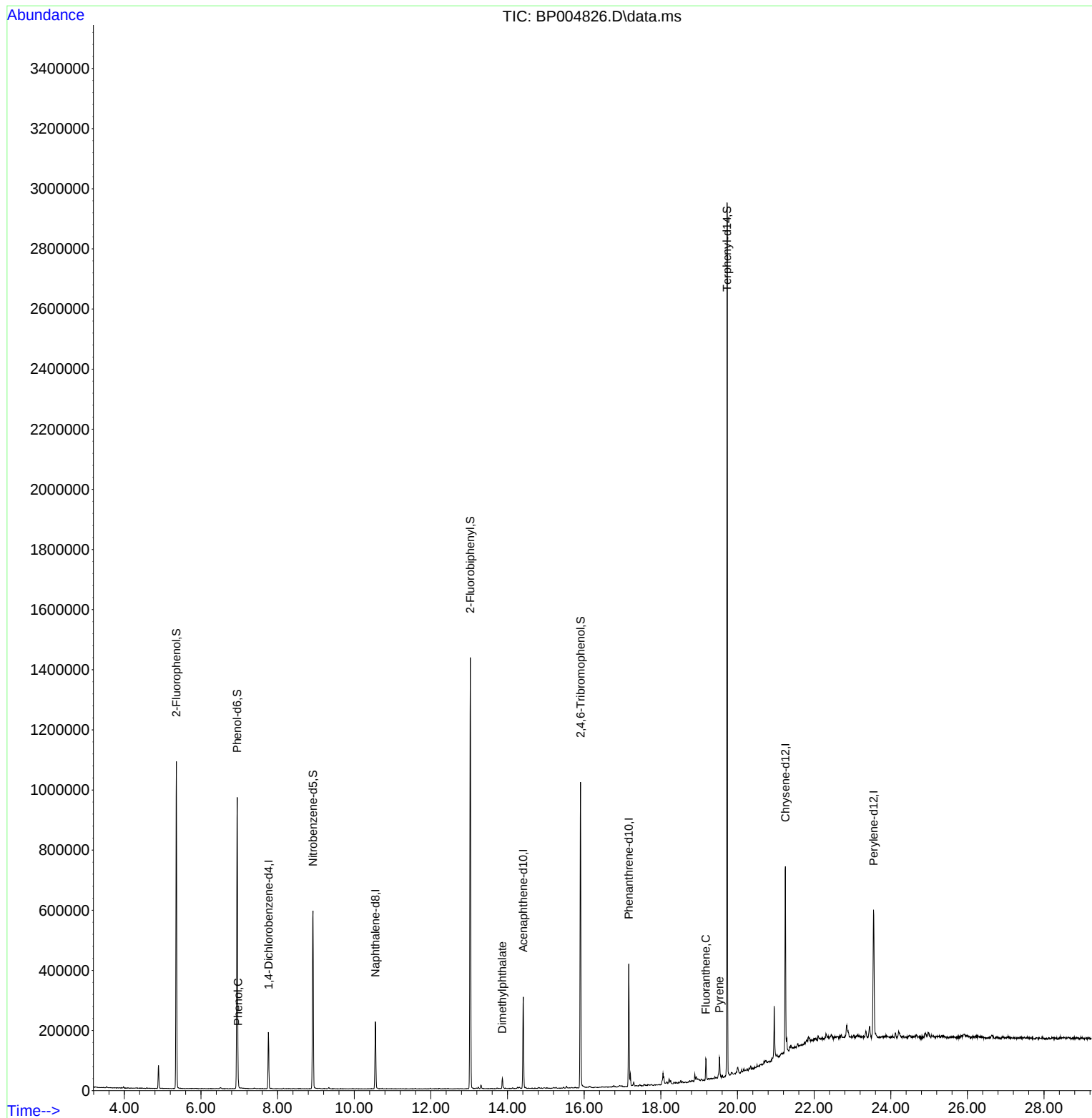
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	47042	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	173132	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	99624	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	230008	20.00	ng	0.00
76) Chrysene-d12	21.251	240	287042	20.00	ng	# 0.00
86) Perylene-d12	23.551	264	314296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	424501	139.33	ng	0.00
7) Phenol-d6	6.946	99	520260	124.17	ng	0.00
23) Nitrobenzene-d5	8.922	82	335622	84.46	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	169497	128.06	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	714907	87.71	ng	0.00
79) Terphenyl-d14	19.728	244	1229337	71.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.970	94	15162	3.74	ng	73
50) Dimethylphthalate	13.863	163	22840	2.61	ng	99
75) Fluoranthene	19.175	202	39636	2.36	ng	96
78) Pyrene	19.528	202	42074	2.08	ng	97

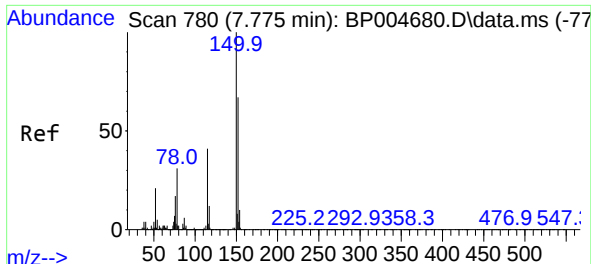
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 19 12:04:44 2021
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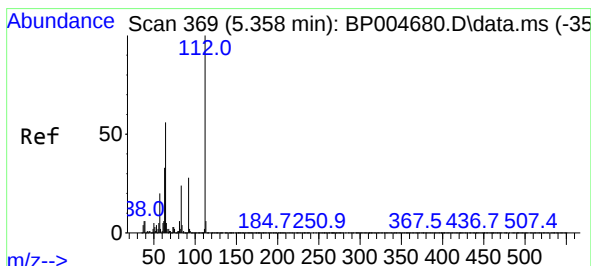
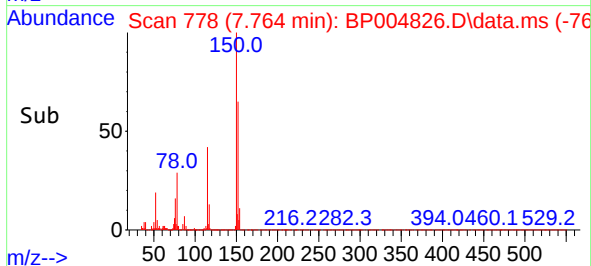
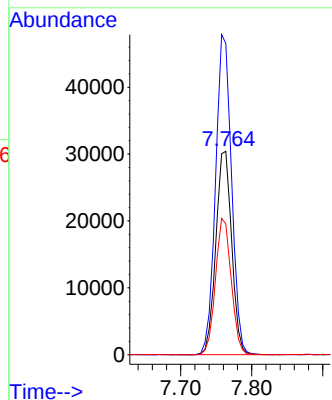
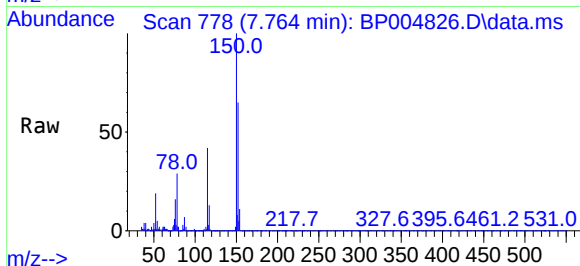




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.764 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

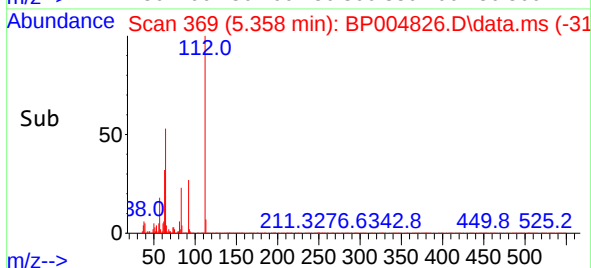
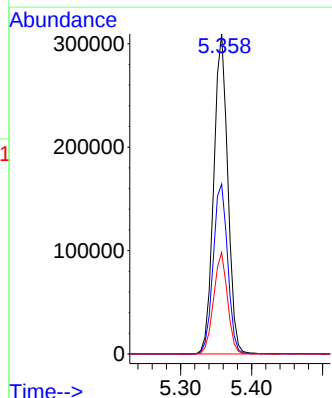
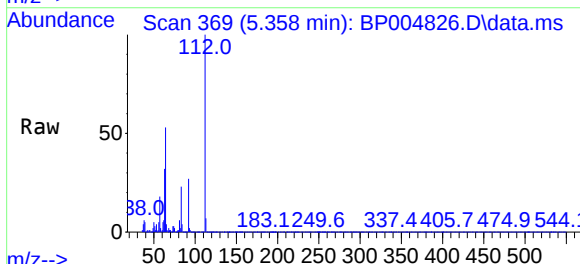
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BNA_P
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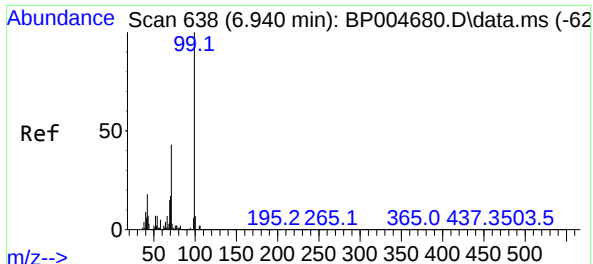
Tgt Ion:152 Resp: 47042
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 64.3 43.8 65.6



#5
2-Fluorophenol
Concen: 139.33 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion:112 Resp: 424501
Ion Ratio Lower Upper
112 100
64 53.1 32.8 49.2#
63 31.7 17.0 25.4#

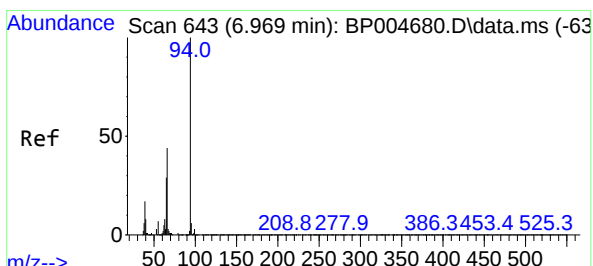
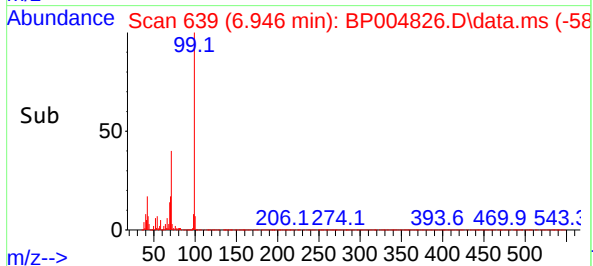
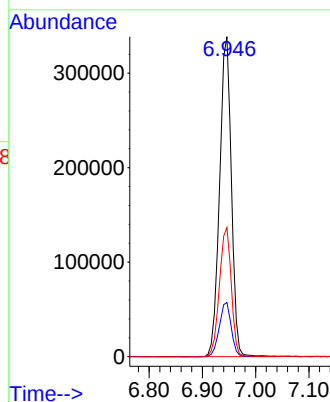
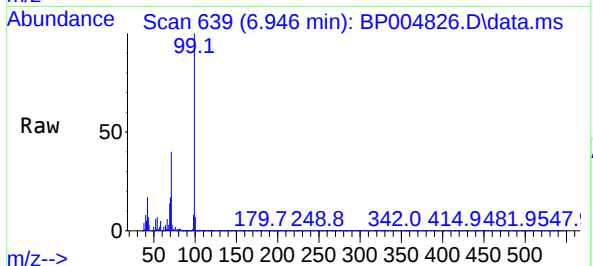




#7
Phenol-d6
Concen: 124.17 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

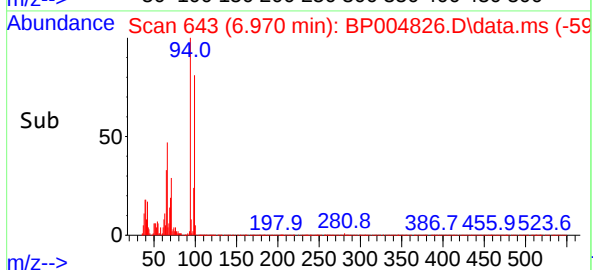
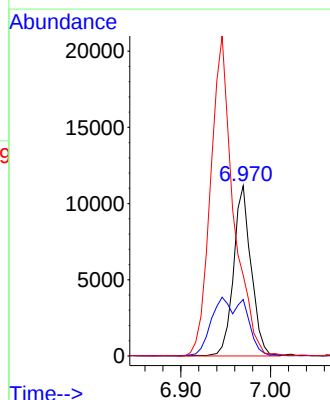
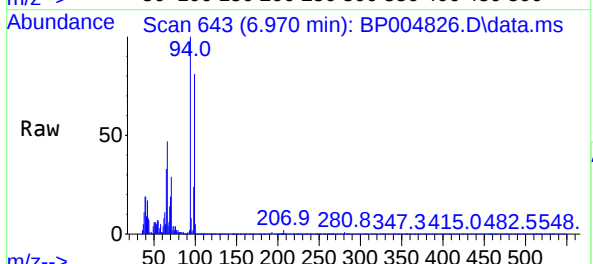
Instrument :
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ClientSampleId :
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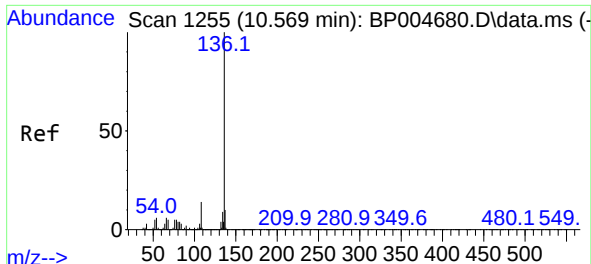
Tgt Ion: 99 Resp: 520260
Ion Ratio Lower Upper
99 100
42 16.9 8.6 13.0#
71 40.3 23.4 35.2#



#10
Phenol
Concen: 3.74 ng
RT: 6.970 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion: 94 Resp: 15162
Ion Ratio Lower Upper
94 100
65 33.2 2.3 42.3
66 47.4 10.9 50.9

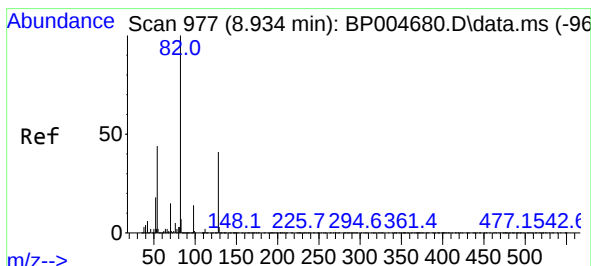
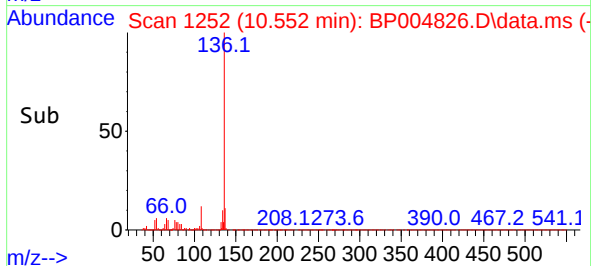
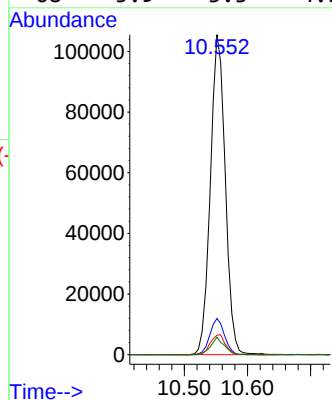
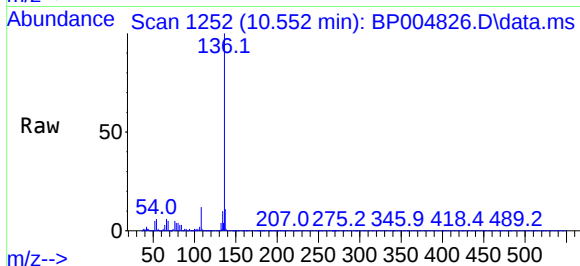




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

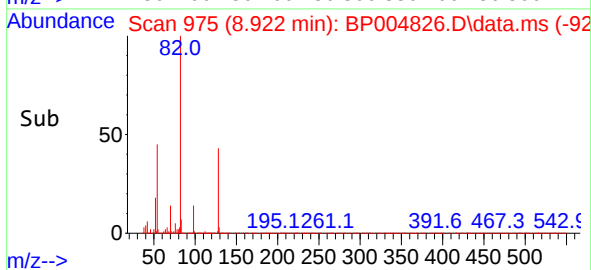
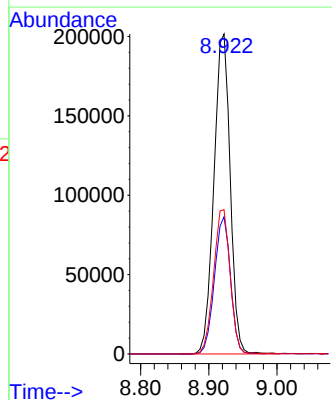
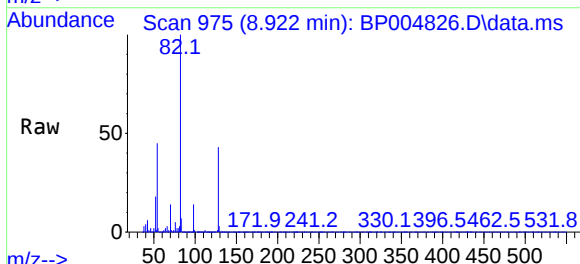
Instrument :
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ClientSampleId :
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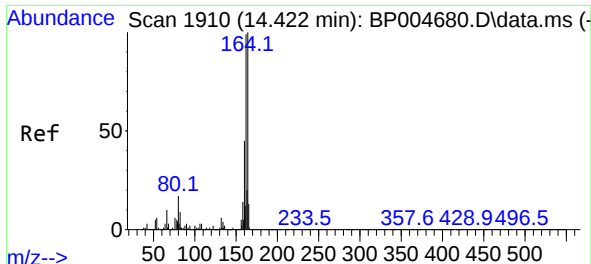
Tgt Ion:	136	Resp:	173132
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.1	3.6	5.4#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 84.46 ng
RT: 8.922 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion:	82	Resp:	335622
Ion	Ratio	Lower	Upper
82	100		
128	42.8	45.6	68.4#
54	45.1	30.1	45.1

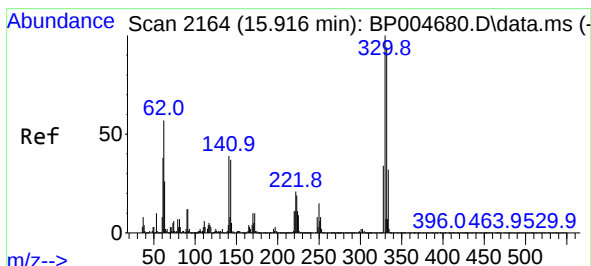
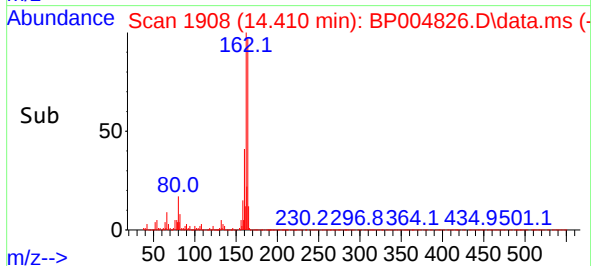
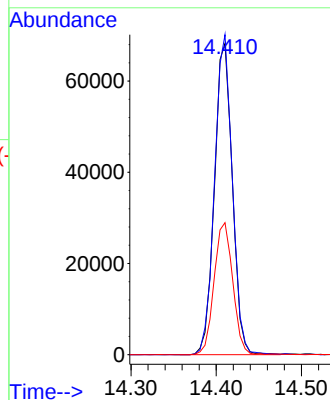
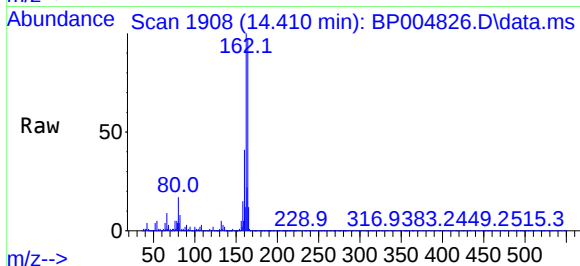




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

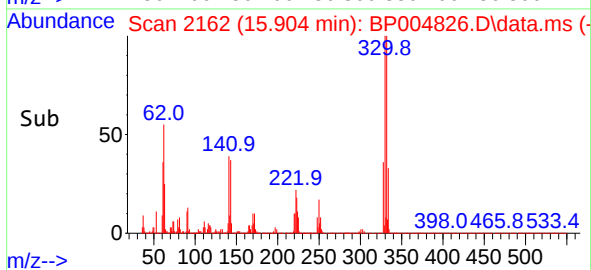
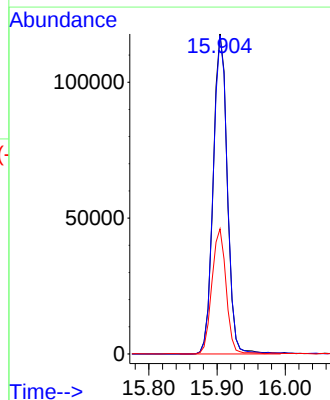
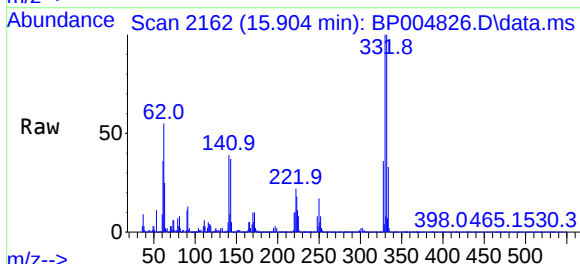
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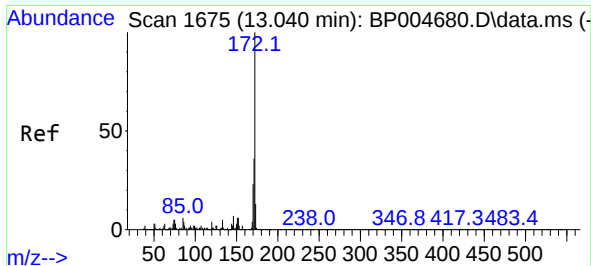
Tgt Ion:	164	Resp:	99624
Ion Ratio	Lower	Upper	
164	100		
162	102.9	79.4	119.2
160	42.4	36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 128.06 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion:	330	Resp:	169497
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.1	115.7
141	39.4	23.4	35.2

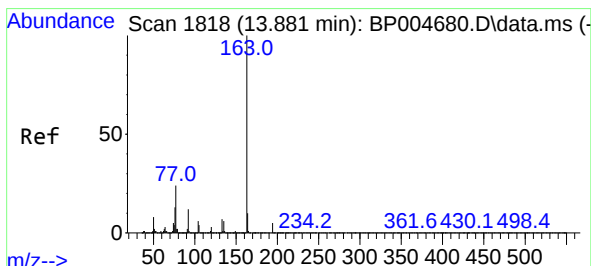
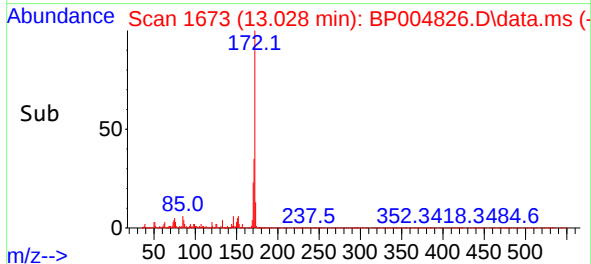
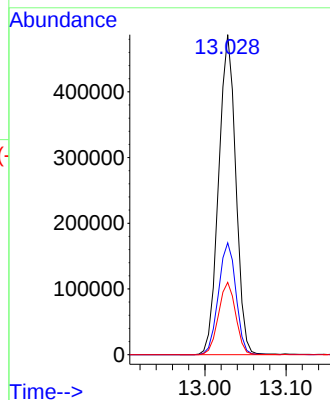
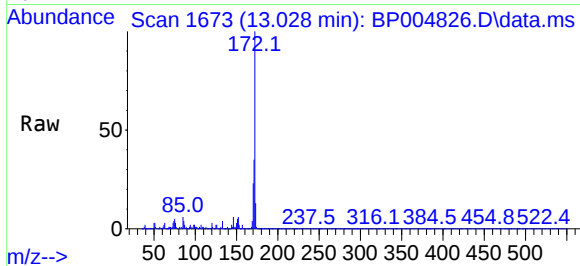




#45
2-Fluorobiphenyl
Concen: 87.71 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

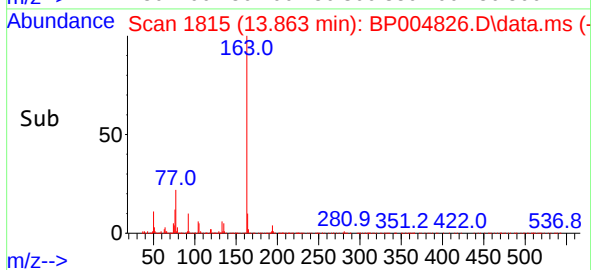
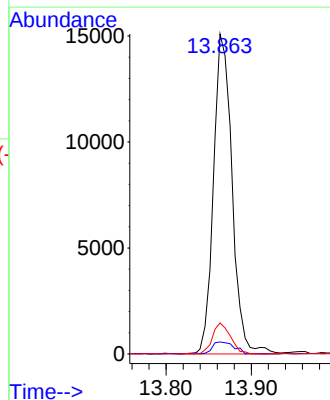
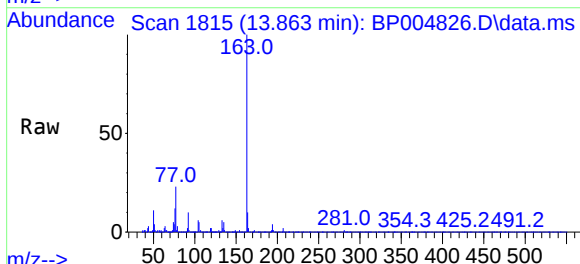
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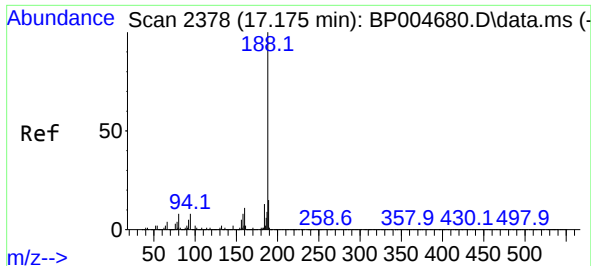
Tgt Ion:	172	Resp:	714907
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.5	42.7
170	22.6	19.2	28.8



#50
Dimethylphthalate
Concen: 2.61 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion:	163	Resp:	22840
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.3	4.9
164	9.7	8.2	12.2

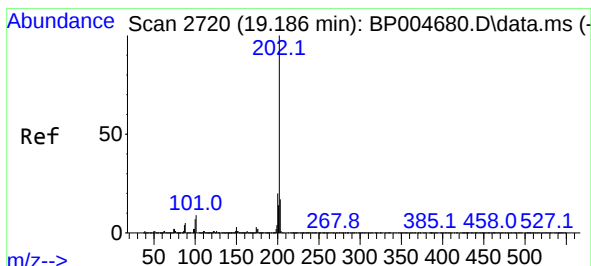
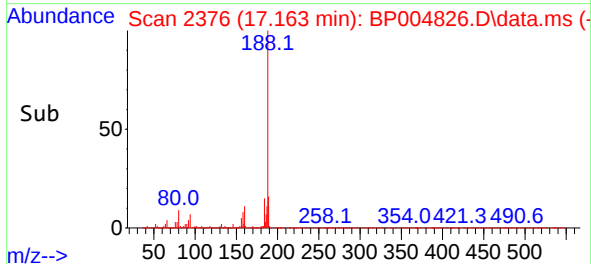
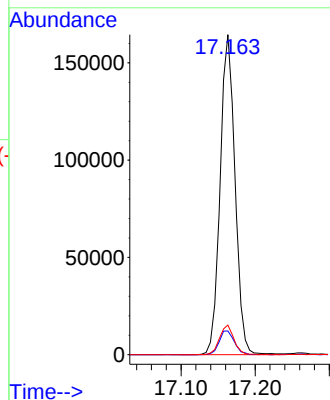
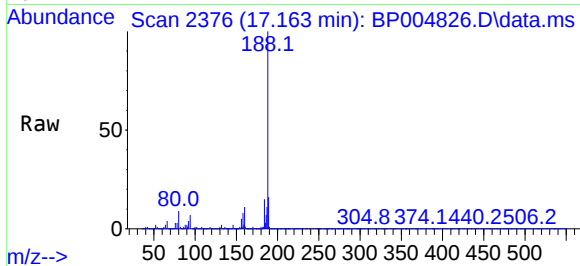




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

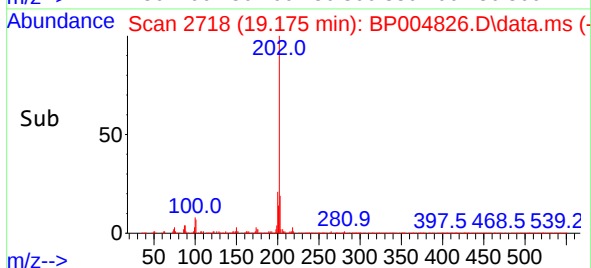
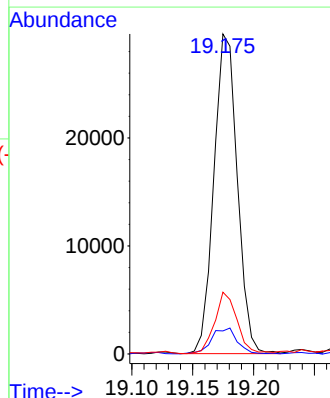
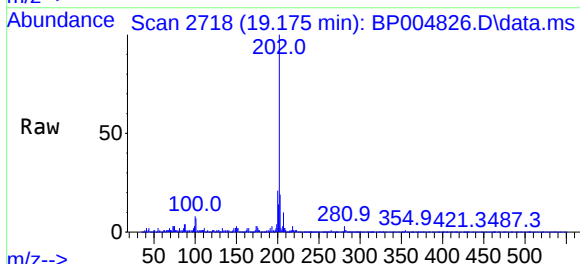
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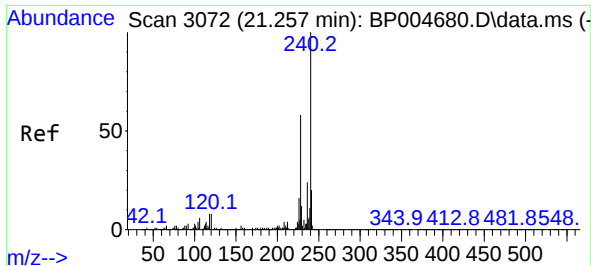
Tgt Ion:188	Resp: 230008
Ion Ratio	Lower Upper
188 100	
94 7.4	6.2 9.2
80 9.2	6.2 9.2



#75
Fluoranthene
Concen: 2.36 ng
RT: 19.175 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt	Ion:202	Resp:	39636
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	29.4
203	19.3	0.0	37.8

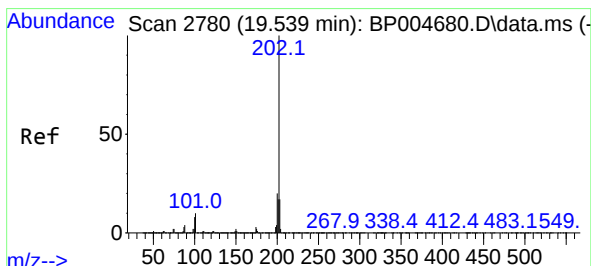
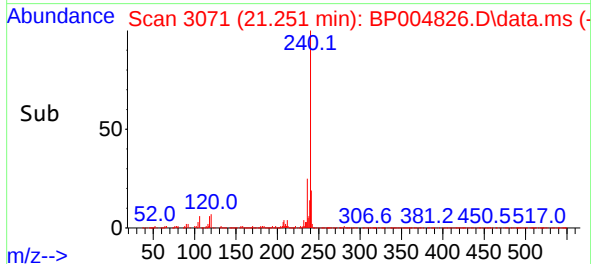
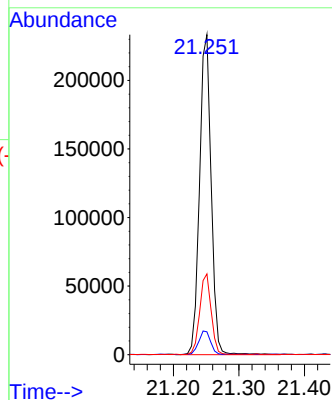
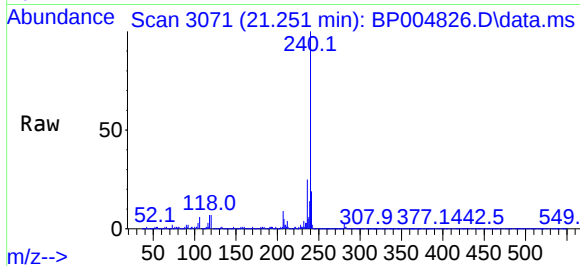




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

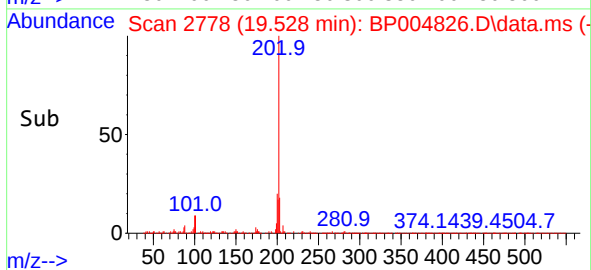
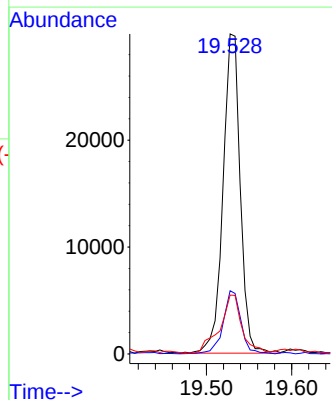
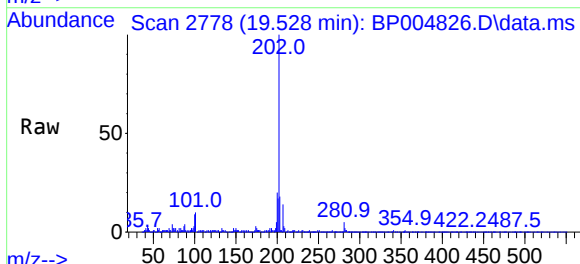
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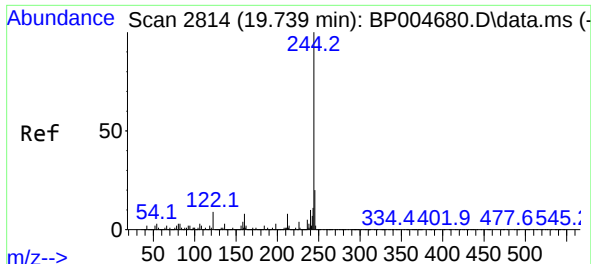
Tgt Ion:240 Resp: 287042
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.6#
236 25.2 20.8 31.2



#78
Pyrene
Concen: 2.08 ng
RT: 19.528 min Scan# 2778
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion:202 Resp: 42074
Ion Ratio Lower Upper
202 100
200 19.8 17.1 25.7
203 18.4 14.2 21.2

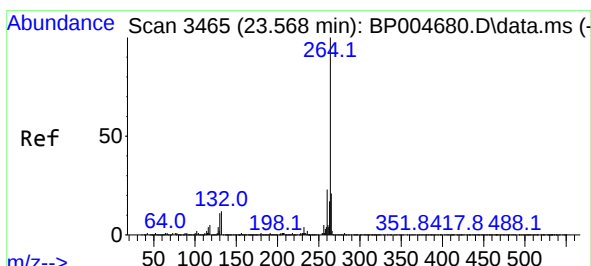
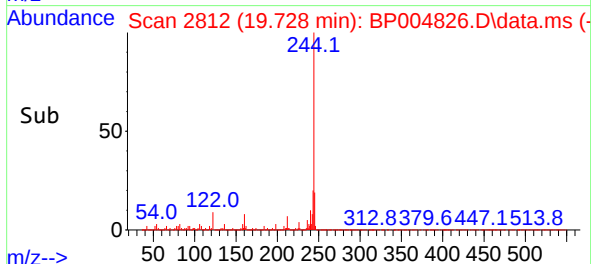
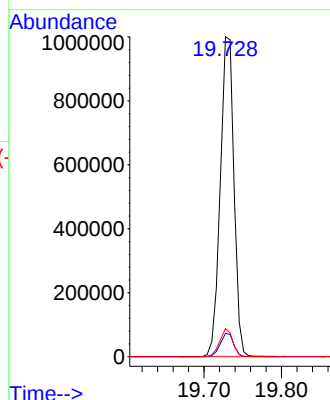
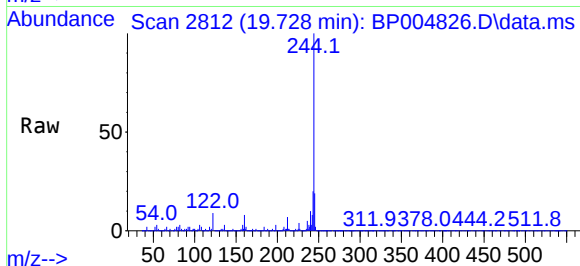




#79
Terphenyl-d14
Concen: 71.94 ng
RT: 19.728 min Scan# 2812
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

Tgt Ion:244 Resp: 1229337
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.8 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.551 min Scan# 3462
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

Tgt Ion:264 Resp: 314296
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.3 17.4 26.2

