

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)

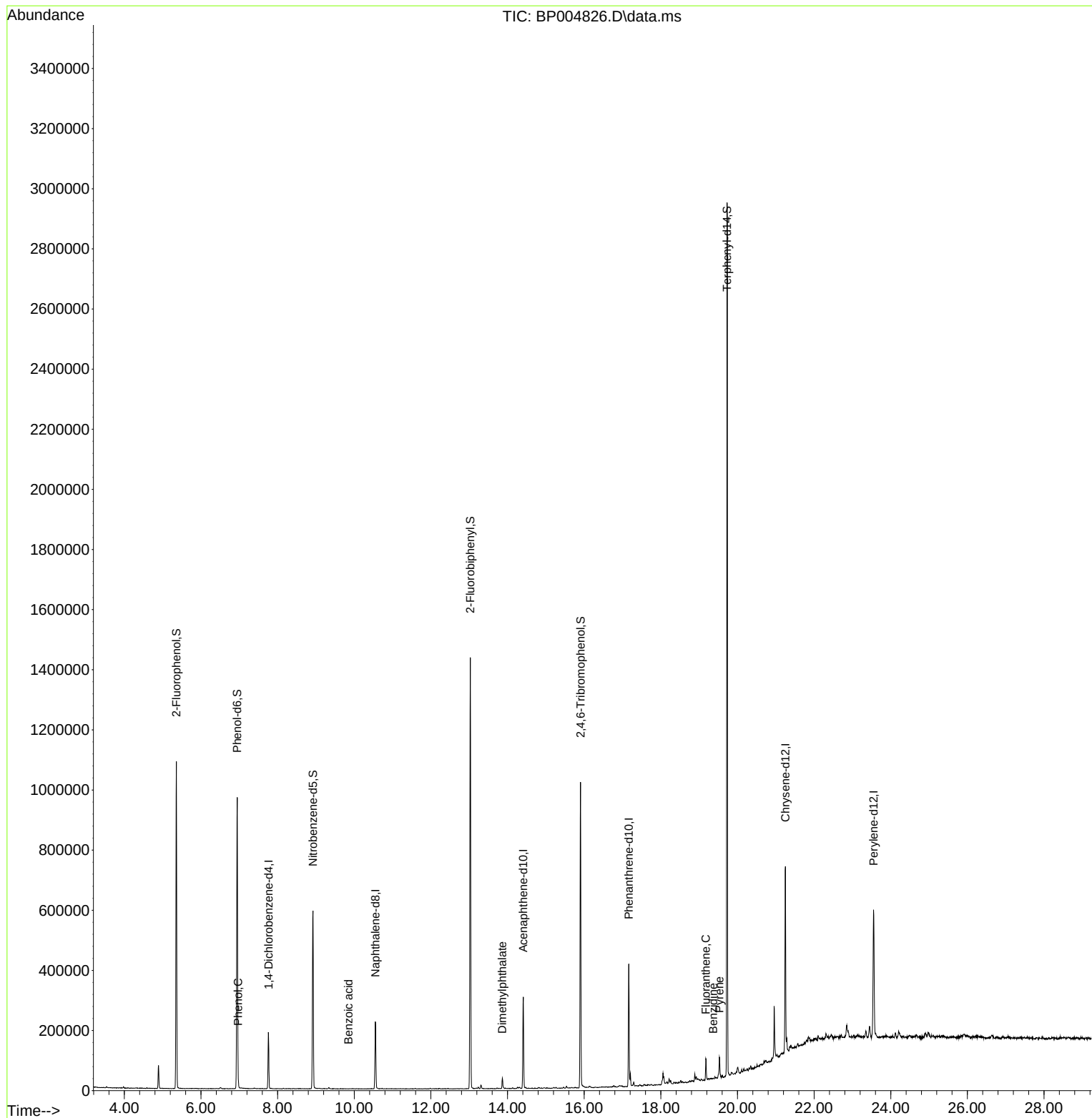
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	47042	20.00	ng	0.00
21) Naphthalene-d8	10.552	136	173132	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	99624	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	230008	20.00	ng	0.00
76) Chrysene-d12	21.251	240	287042	20.00	ng	# 0.00
86) Perylene-d12	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
32) Benzoic acid	9.852	122	87	6.89	ng	# 37
50) Dimethylphthalate	13.863	163	22840	2.61	ng	99
75) Fluoranthene	19.175	202	39636	2.36	ng	96
77) Benzidine	19.369	184	173	2.17	ng	# 1
78) Pyrene	19.528	202	42074	2.08	ng	97

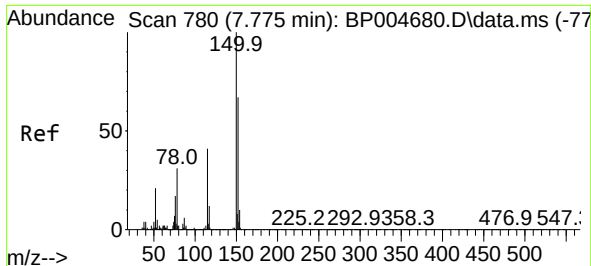
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

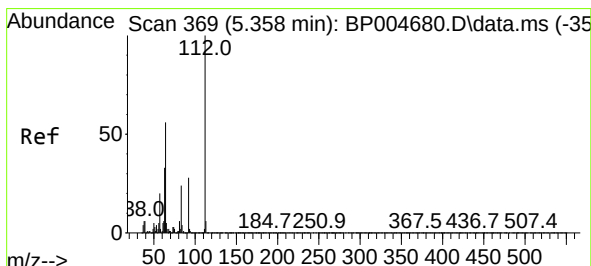
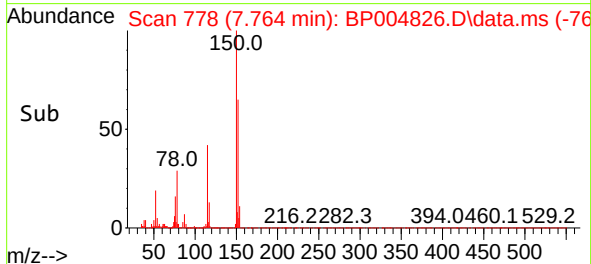
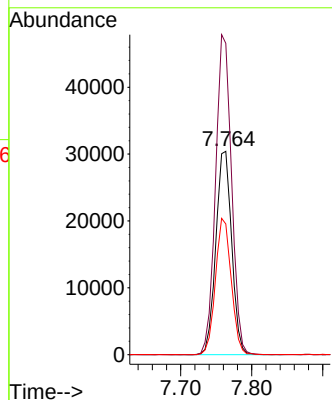
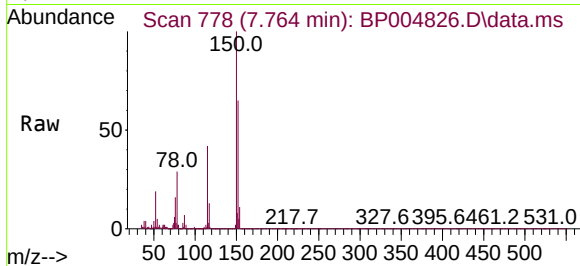




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.764 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

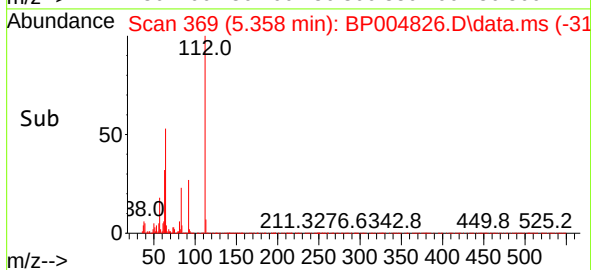
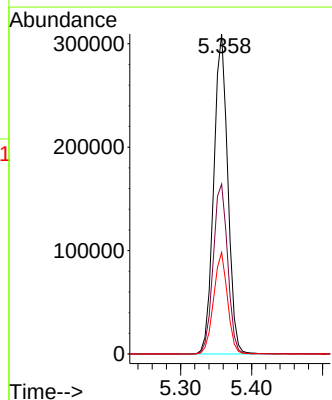
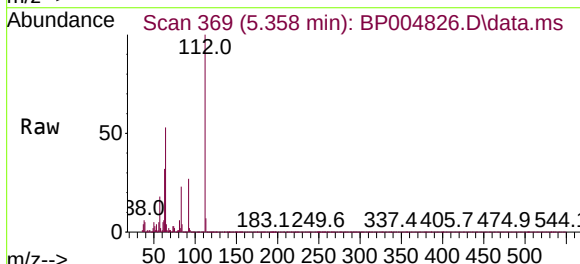
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

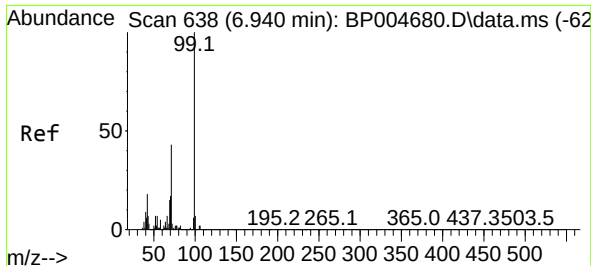
Tgt Ion:152 Resp: 47042
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 64.3 43.8 65.6



#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#

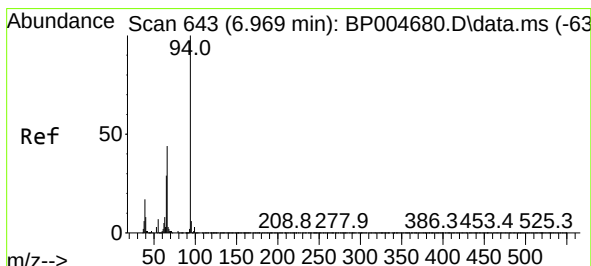
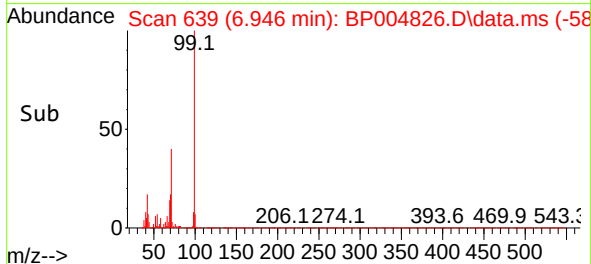
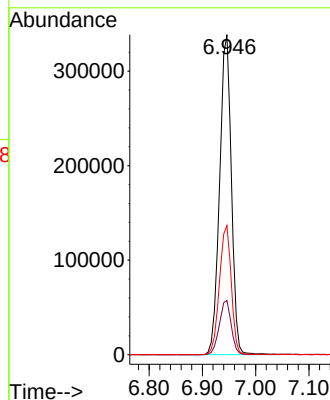
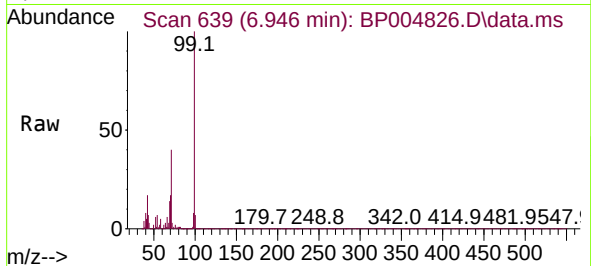




#7
Phenol-d6
Concen: 124.17 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

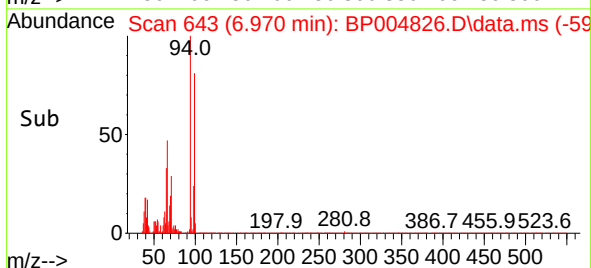
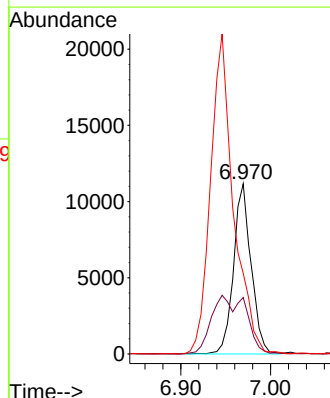
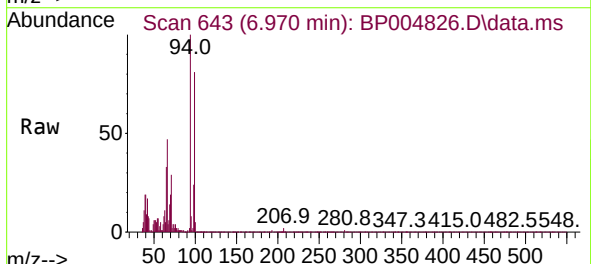
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

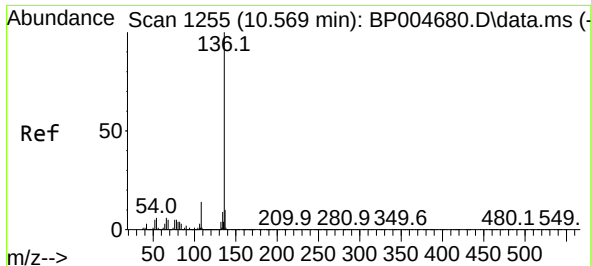
Tgt Ion: 99 Resp: 520260
Ion Ratio Lower Upper
99 100
42 16.9 8.6 13.0#
71 40.3 23.4 35.2#



#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

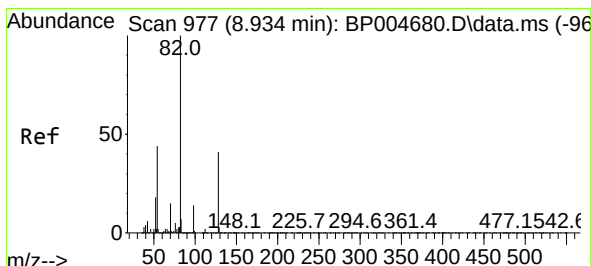
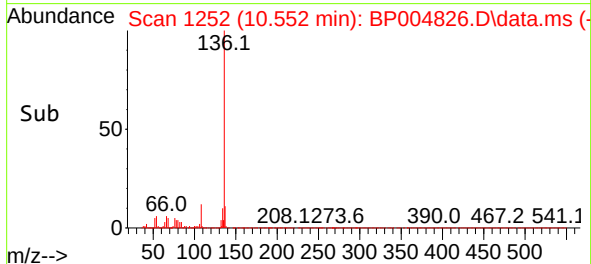
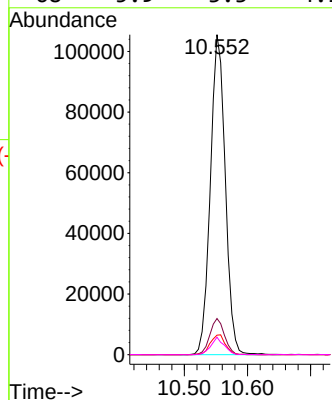
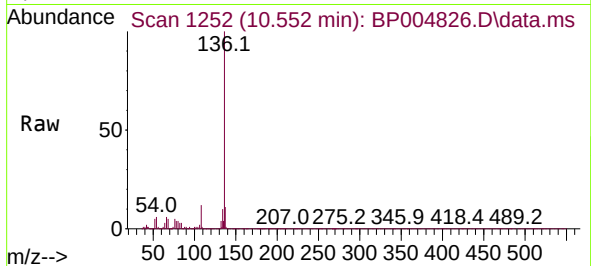




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

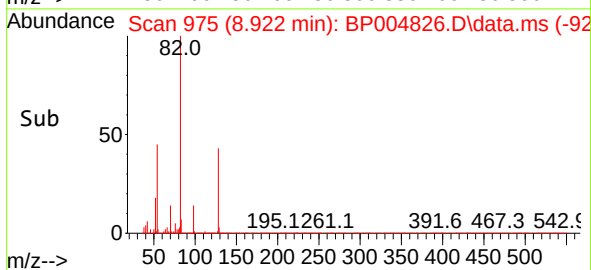
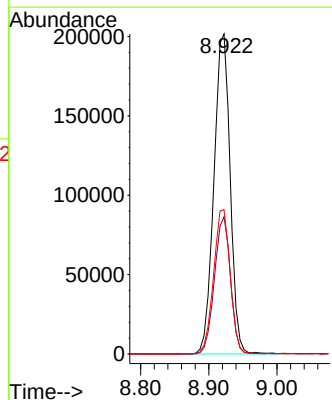
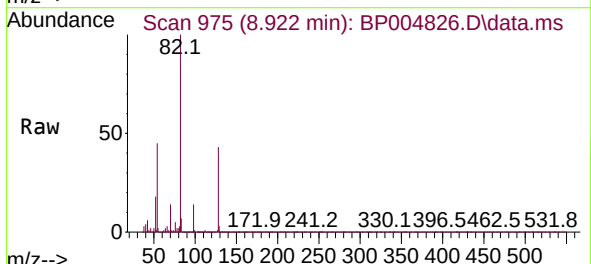
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

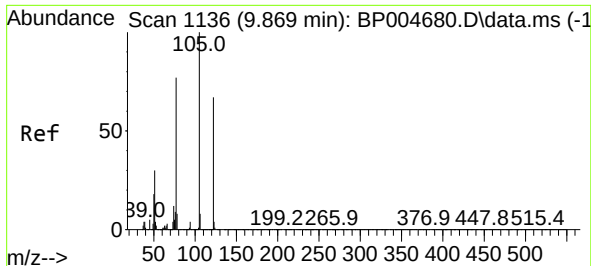
Tgt Ion:	136	Resp:	173132
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	6.1	3.6	5.4#
68	5.9	3.3	4.9#



#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

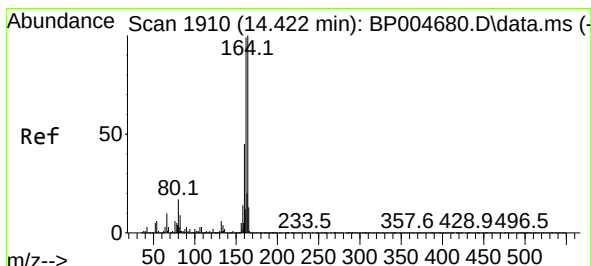
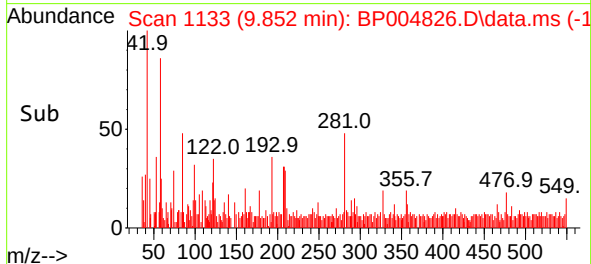
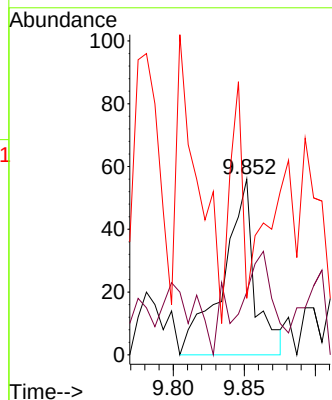
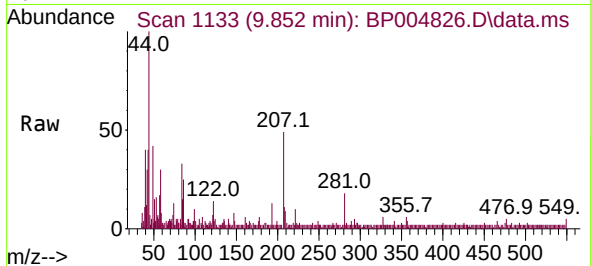




#32
Benzoic acid
Concen: 6.89 ng
RT: 9.852 min Scan# 1133
Delta R.T. -0.017 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

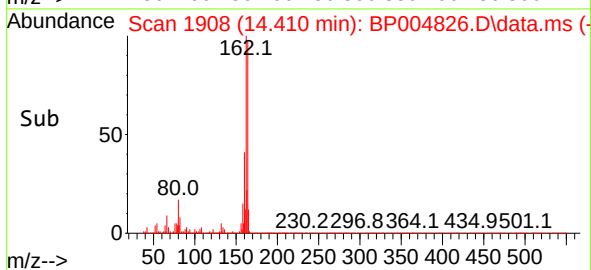
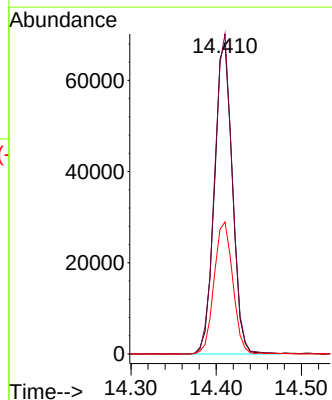
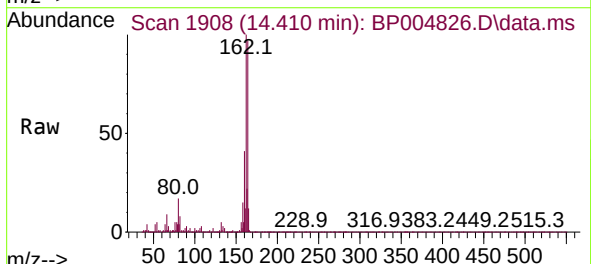
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

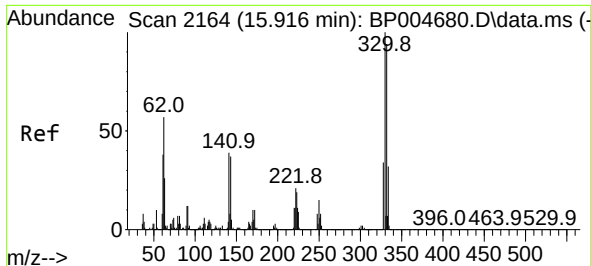
Tgt Ion:122 Resp: 87
Ion Ratio Lower Upper
122 100
105 35.7 94.1 134.1#
77 32.1 50.1 90.1#



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

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

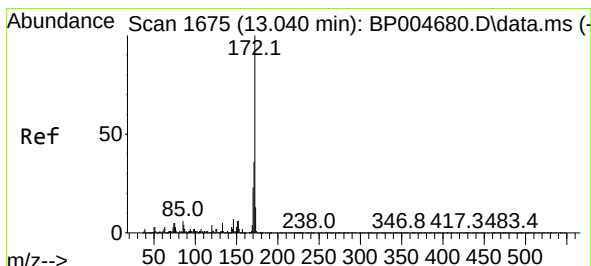
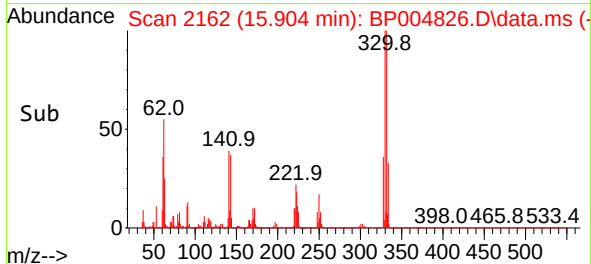
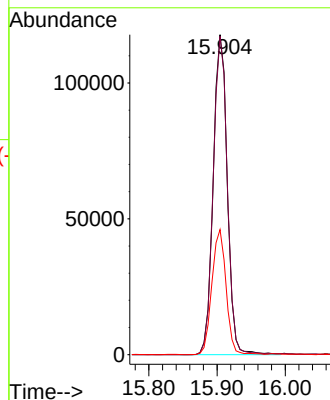
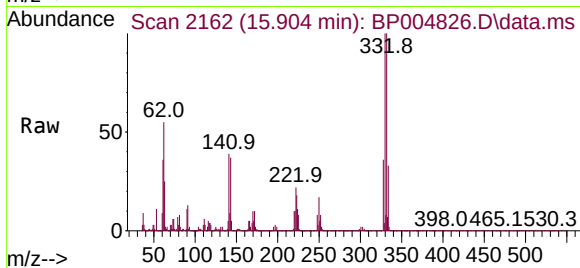




#42
2,4,6-Tribromophenol
Concen: 128.06 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

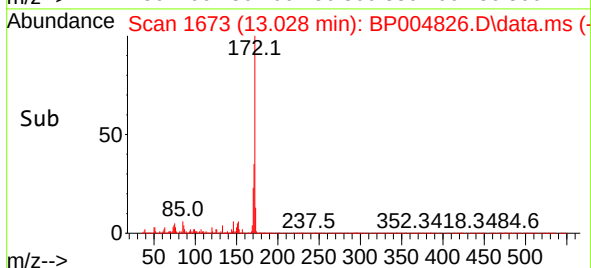
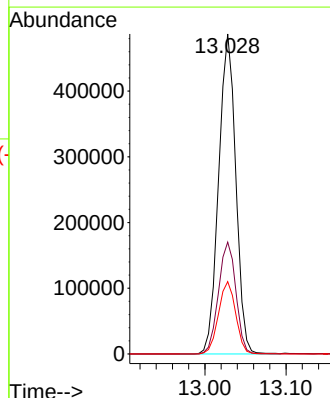
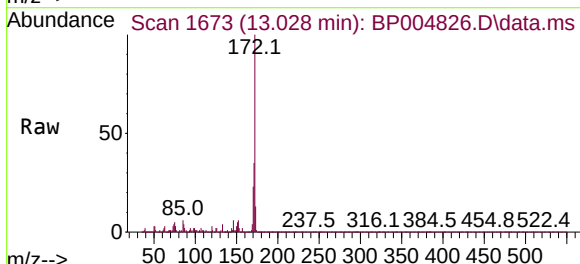
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

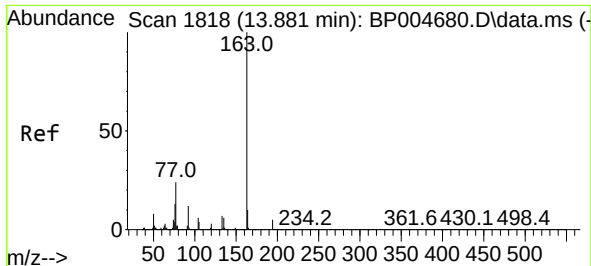
Tgt Ion:330 Resp: 169497
Ion Ratio Lower Upper
330 100
332 99.4 77.1 115.7
141 39.4 23.4 35.2#



#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

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

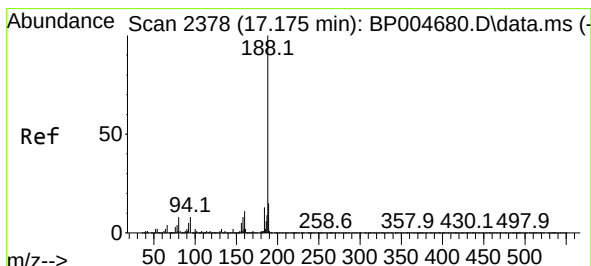
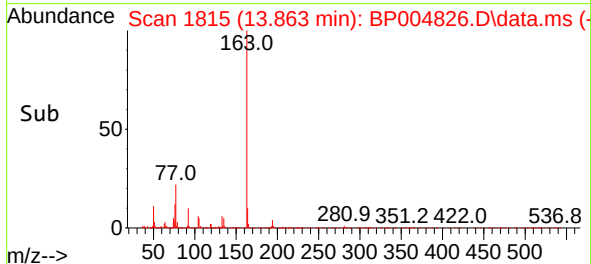
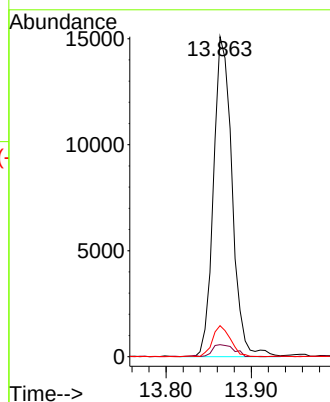
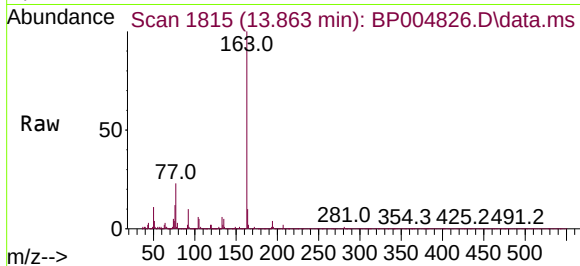




#50
Dimethylphthalate
Concen: 2.61 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

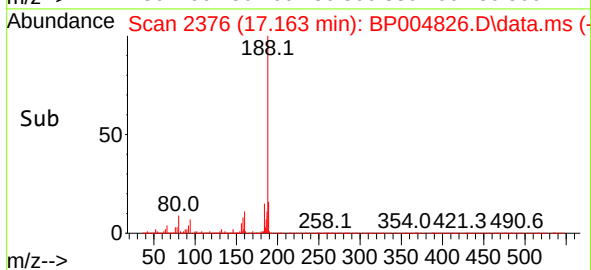
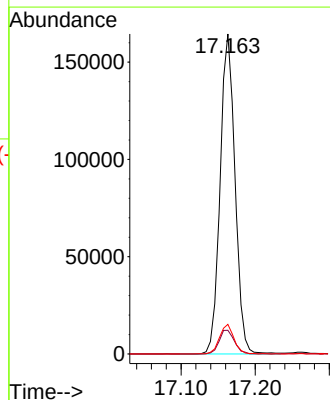
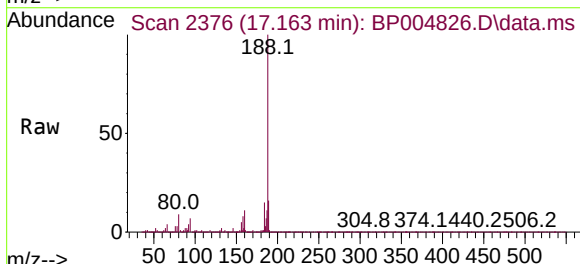
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

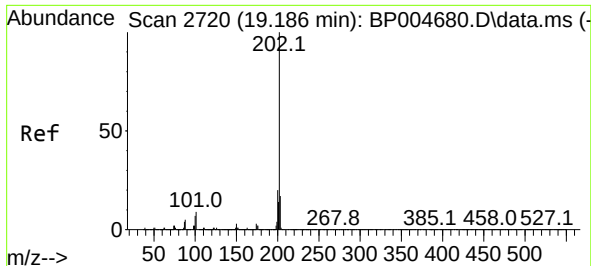
Tgt Ion:163	Resp:	22840
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.3 4.9
164	9.7	8.2 12.2



#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

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

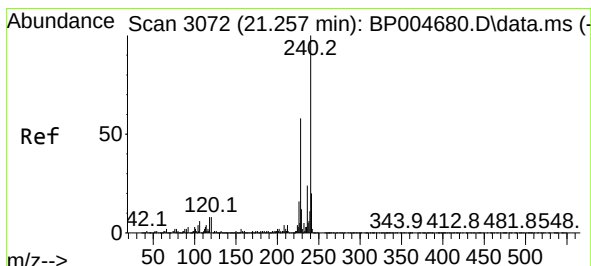
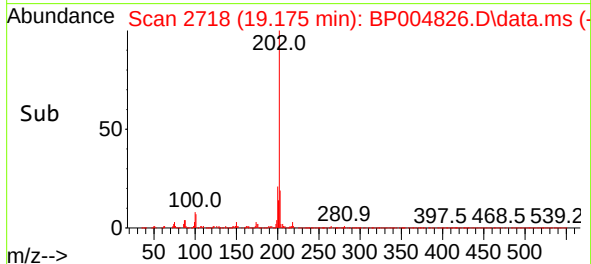
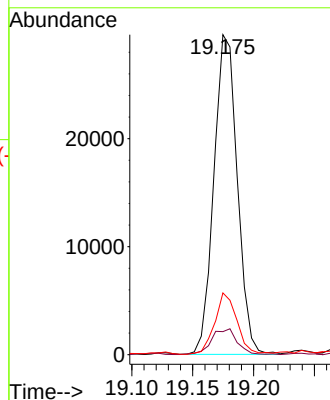
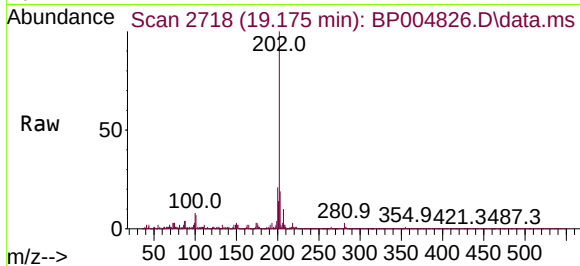




#75
Fluoranthene
Concen: 2.36 ng
RT: 19.175 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

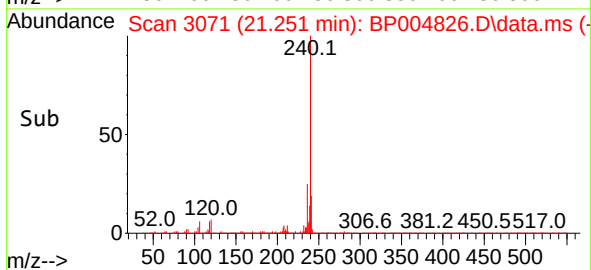
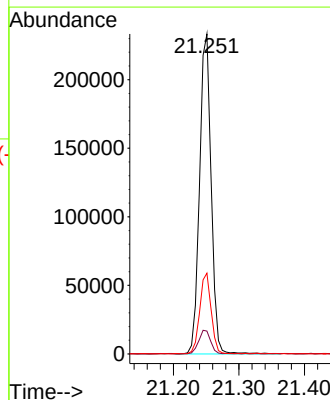
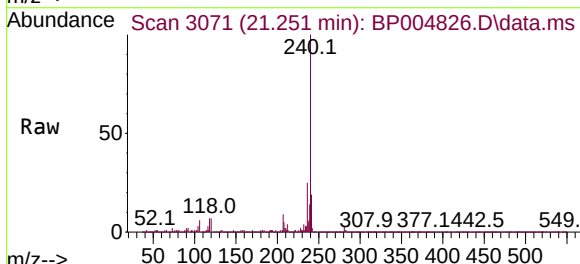
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

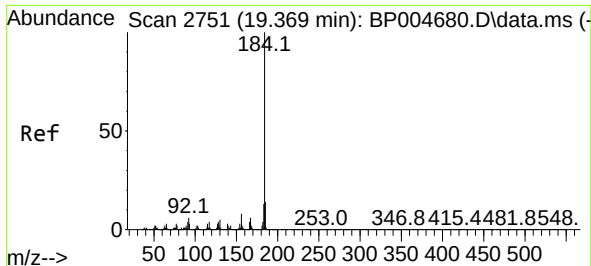
Tgt Ion:	202	Resp:	39636
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	29.4
203	19.3	0.0	37.8



#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

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

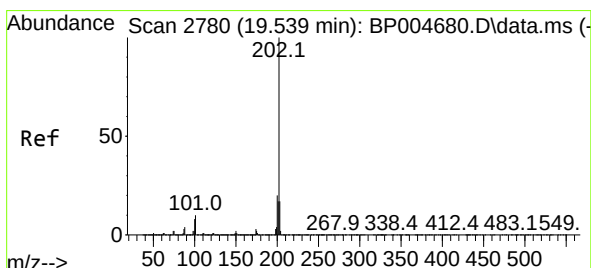
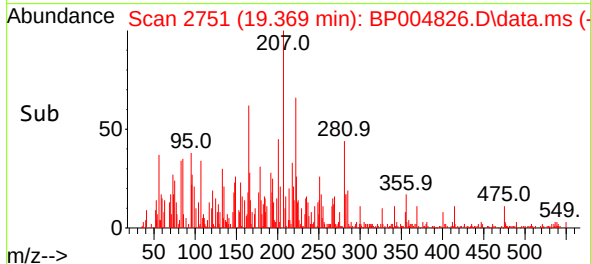
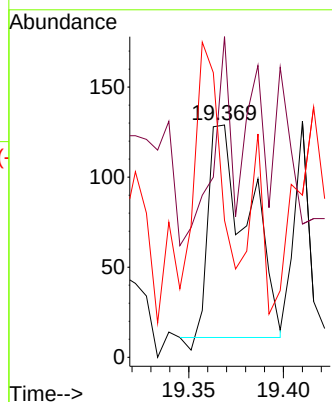
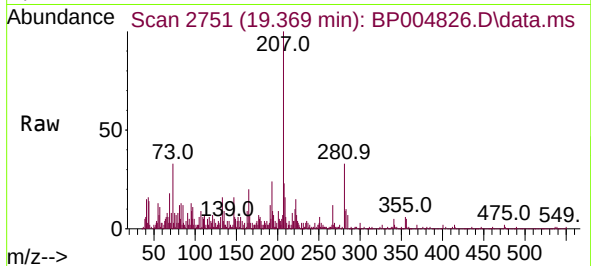




#77
Benzidine
Concen: 2.17 ng
RT: 19.369 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BP004826.D
Acq: 19 Feb 2021 17:22

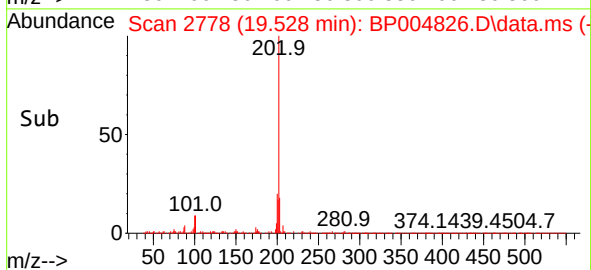
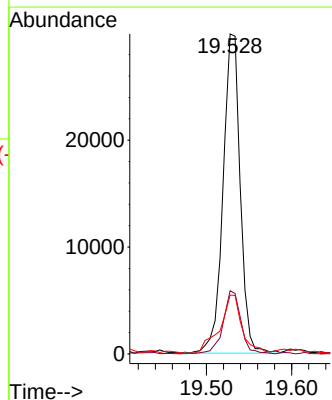
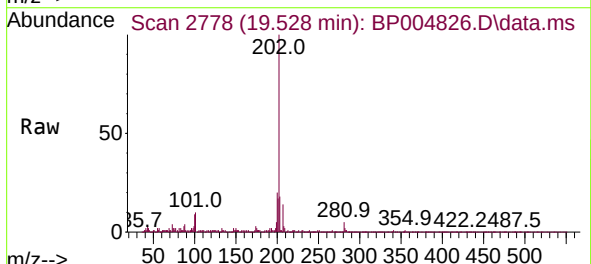
Instrument :
BNA_P
ClientSampleId :
SAND-SOIL-PILE

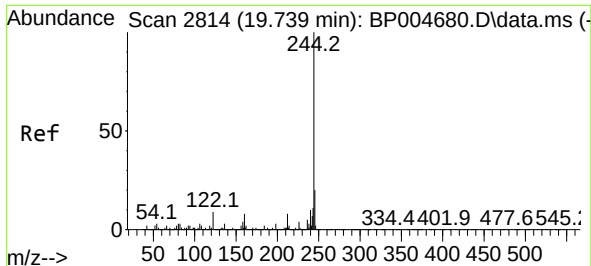
Tgt Ion:184	Resp:	173
Ion Ratio	Lower	Upper
184	100	
185	79.5	11.5 17.3#
183	33.9	9.6 14.4#



#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

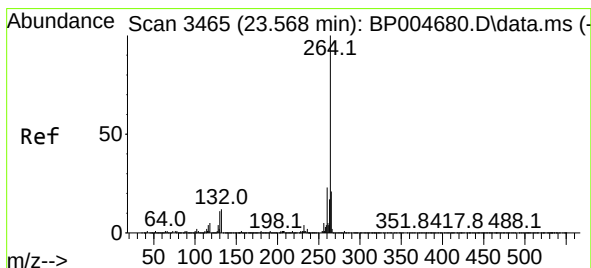
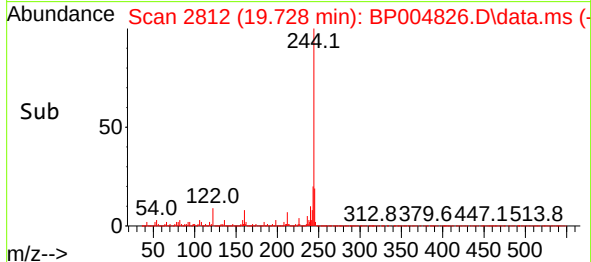
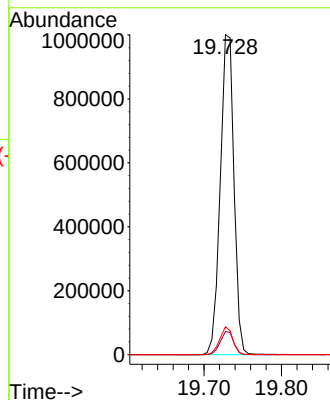
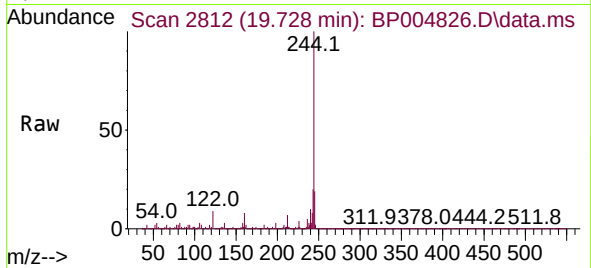




#79
 Terphenyl-d14
 Concen: 71.94 ng
 RT: 19.728 min Scan# 2812
 Delta R.T. -0.005 min
 Lab File: BP004826.D
 Acq: 19 Feb 2021 17:22

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

