

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004824.D
 Acq On : 19 Feb 2021 16:15
 Operator : CG/JU
 Sample : M1433-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 19 23:51:49 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)

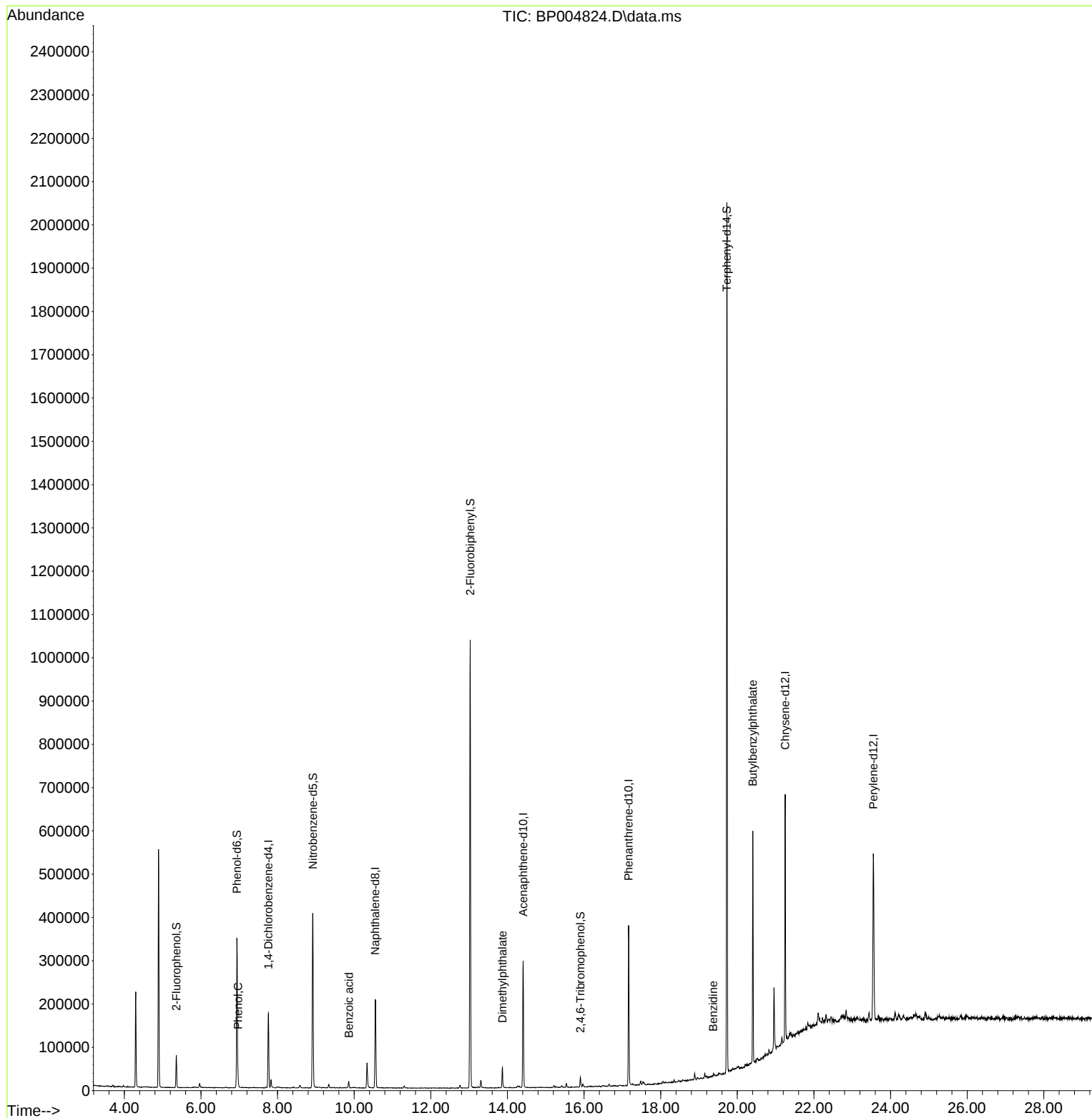
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	44296	20.00	ng	# 0.00
21) Naphthalene-d8	10.552	136	164446	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	97100	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	220605	20.00	ng	0.00
76) Chrysene-d12	21.251	240	264250	20.00	ng	# 0.00
86) Perylene-d12	23.551	264	284945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	29476	10.27	ng	0.00
7) Phenol-d6	6.940	99	183114	46.41	ng	0.00
23) Nitrobenzene-d5	8.922	82	228864	60.64	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	4037	3.13	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	510837	64.30	ng	0.00
79) Terphenyl-d14	19.727	244	861401	54.76	ng	0.00
Target Compounds						
10) Phenol	6.969	94	11611	3.04	ng	Qvalue 85
32) Benzoic acid	9.863	122	39	6.87	ng	# 41
50) Dimethylphthalate	13.869	163	30145	3.53	ng	98
77) Benzidine	19.369	184	446	2.22	ng	# 36
80) Butylbenzylphthalate	20.404	149	142768	19.49	ng	# 83

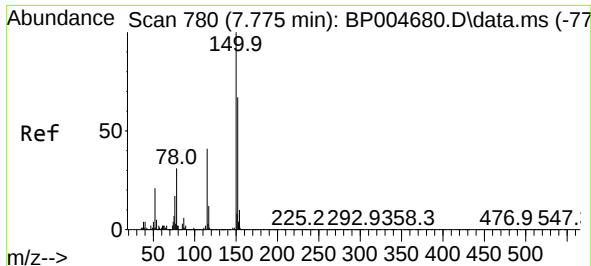
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 23:51:49 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

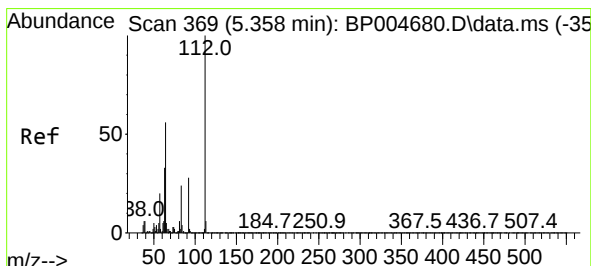
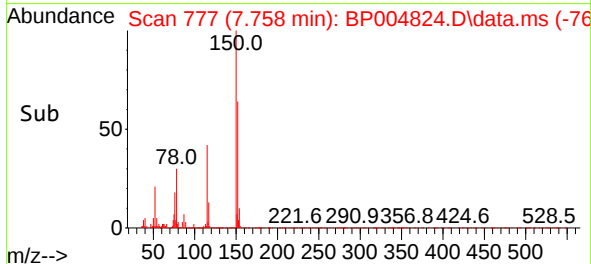
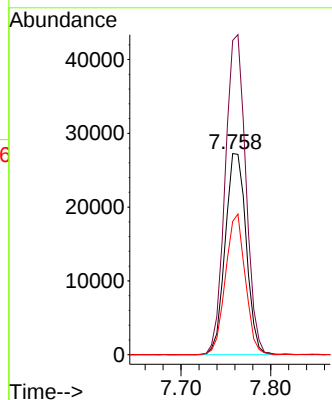
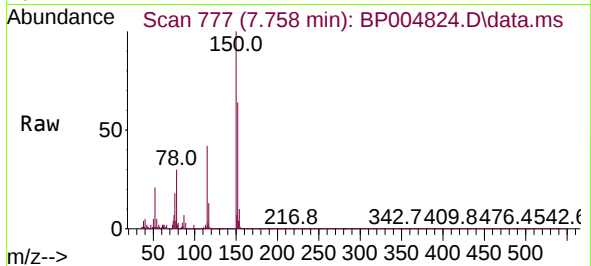




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

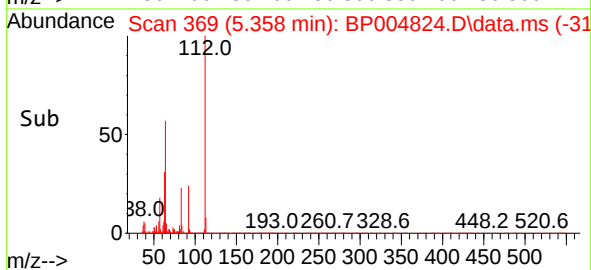
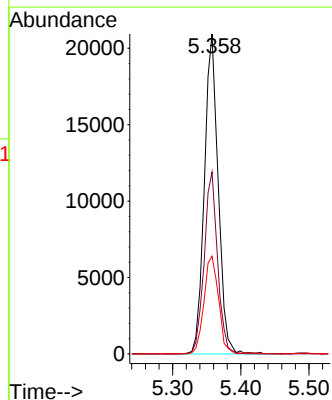
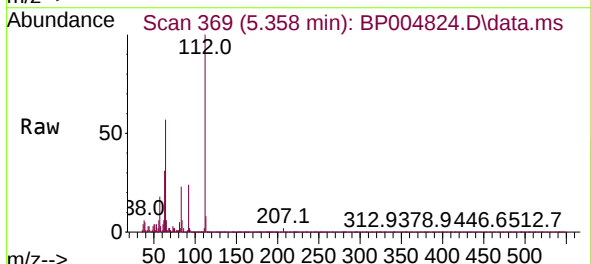
Instrument :
BNA_P
ClientSampleId :

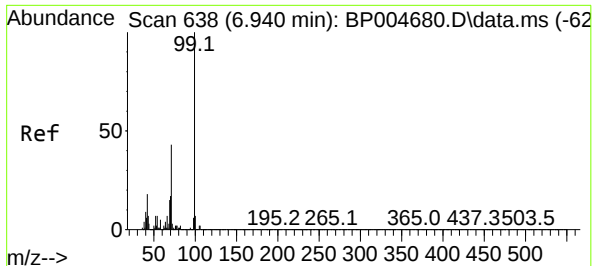
Tgt Ion:152 Resp: 44296
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 66.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 10.27 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion:112 Resp: 29476
Ion Ratio Lower Upper
112 100
64 56.8 32.8 49.2#
63 30.5 17.0 25.4#

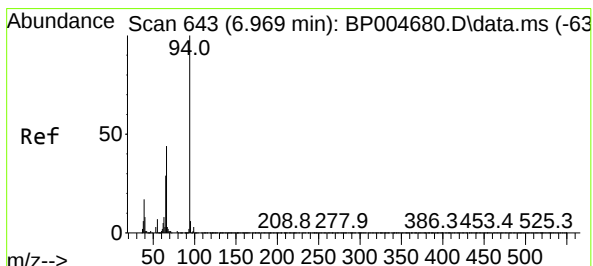
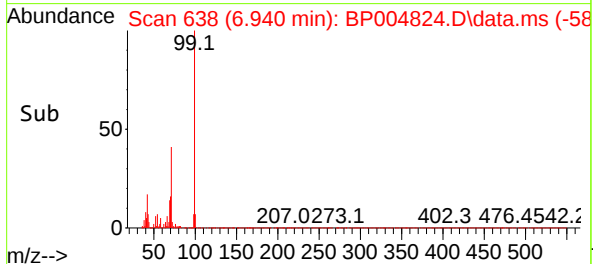
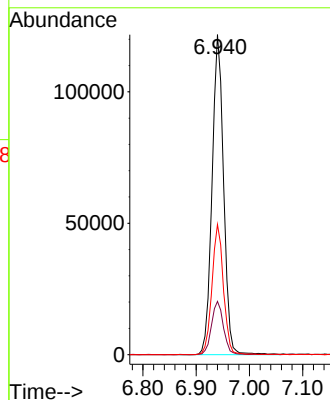
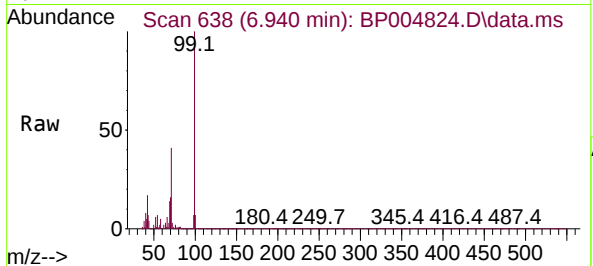




#7
Phenol-d6
Concen: 46.41 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

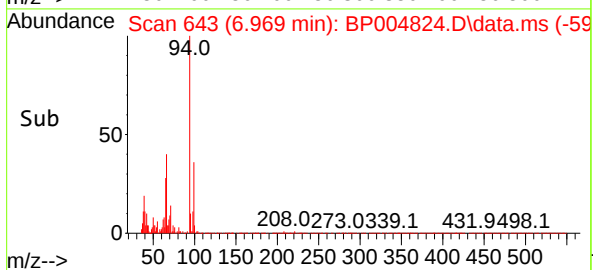
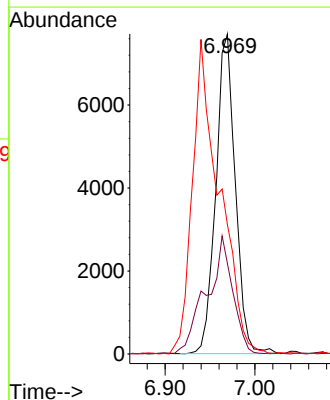
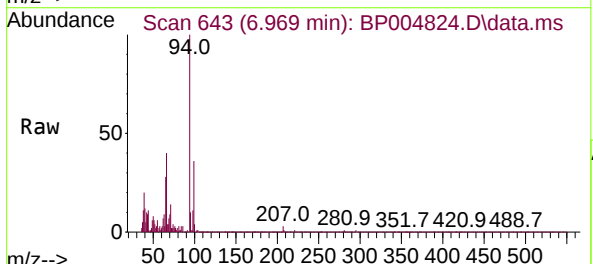
Instrument :
BNA_P
ClientSampleId :

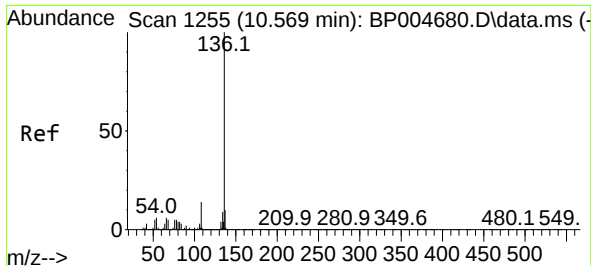
Tgt Ion: 99 Resp: 183114
Ion Ratio Lower Upper
99 100
42 16.7 8.6 13.0#
71 40.7 23.4 35.2#



#10
Phenol
Concen: 3.04 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion: 94 Resp: 11611
Ion Ratio Lower Upper
94 100
65 28.3 2.3 42.3
66 40.4 10.9 50.9

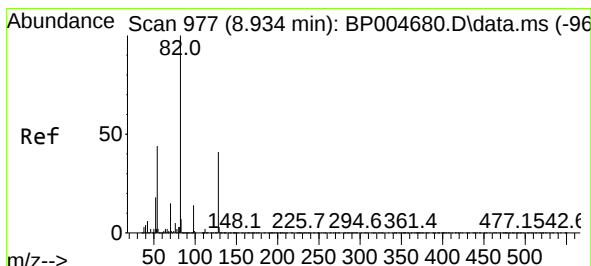
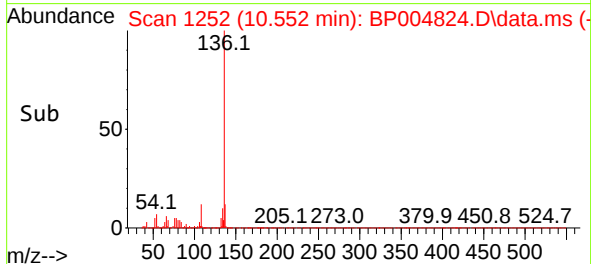
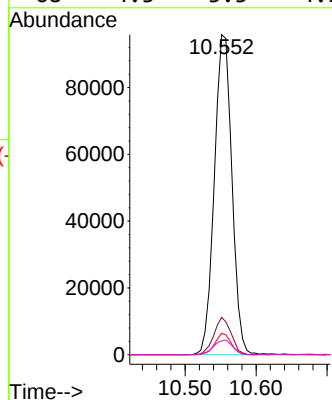
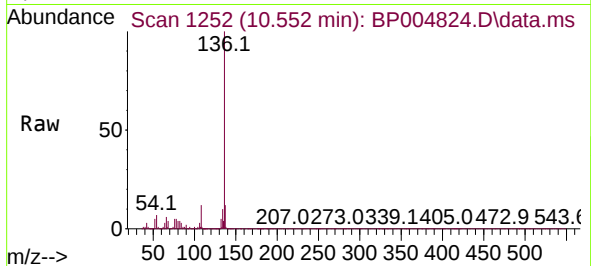




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.552 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

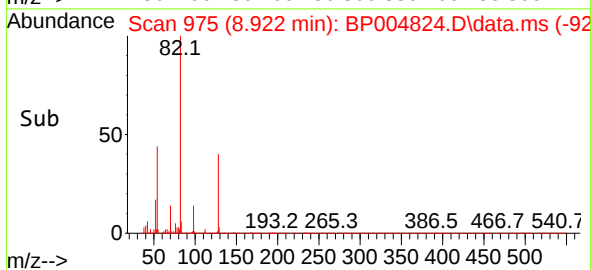
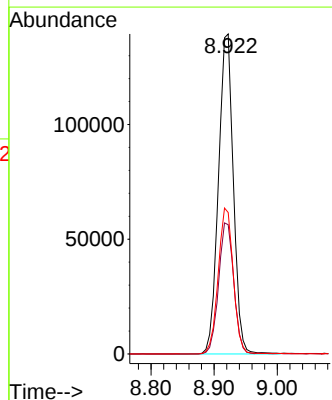
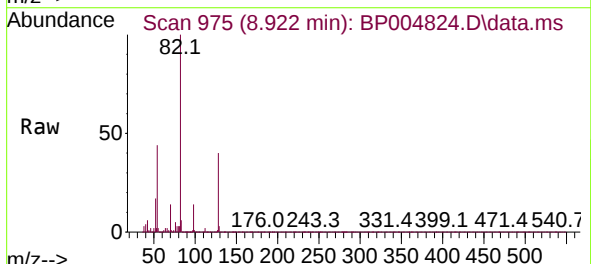
Instrument :
BNA_P
ClientSampled :

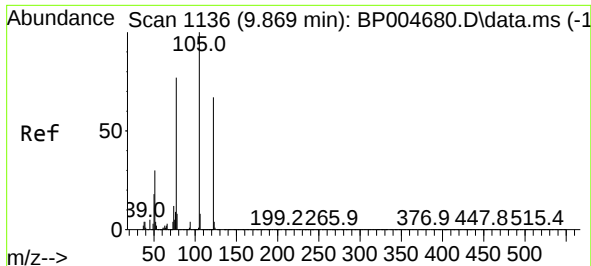
Tgt Ion:	136	Resp:	164446
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.6	13.0
54	6.7	3.6	5.4#
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 60.64 ng
RT: 8.922 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion:	82	Resp:	228864
Ion Ratio	Lower	Upper	
82	100		
128	40.4	45.6	68.4#
54	44.2	30.1	45.1

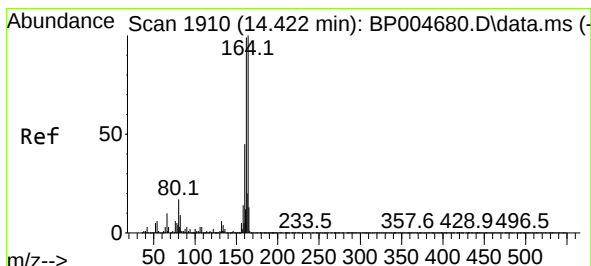
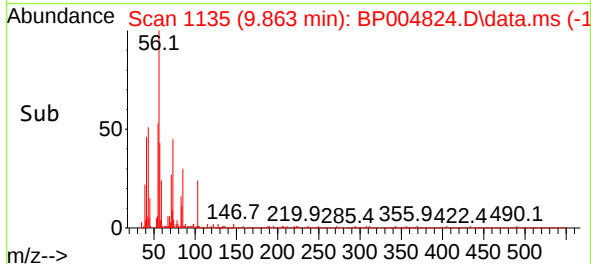
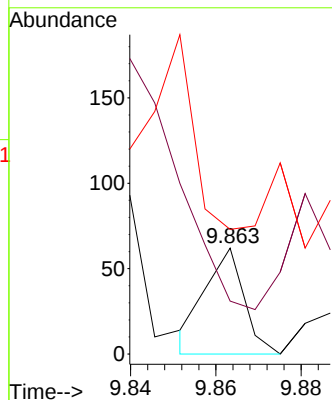
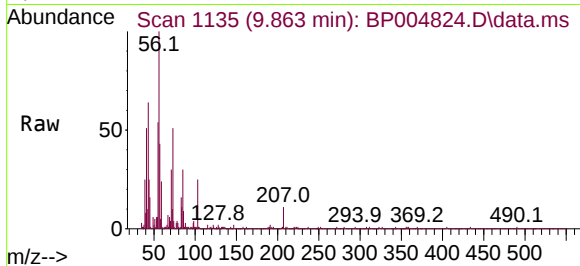




#32
Benzoic acid
Concen: 6.87 ng
RT: 9.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

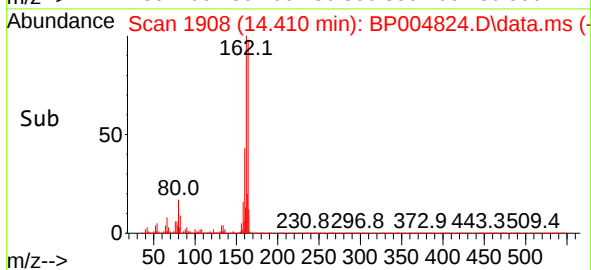
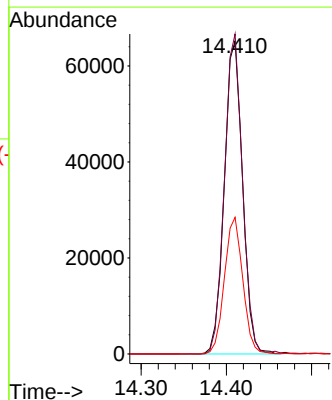
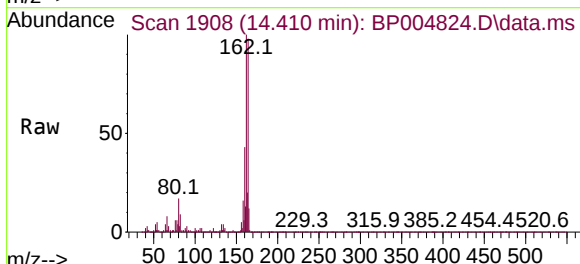
Instrument :
BNA_P
ClientSampled :

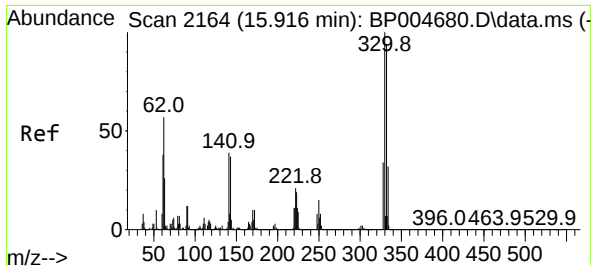
Tgt Ion:122 Resp: 39
Ion Ratio Lower Upper
122 100
105 50.0 94.1 134.1#
77 117.7 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion:164 Resp: 97100
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.2
160 43.7 36.1 54.1

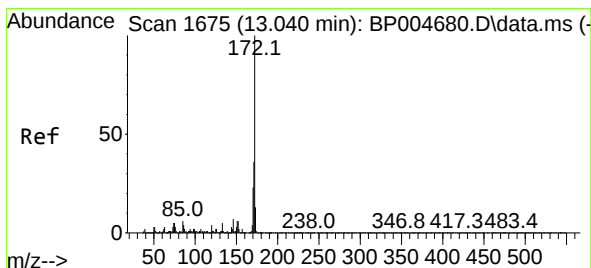
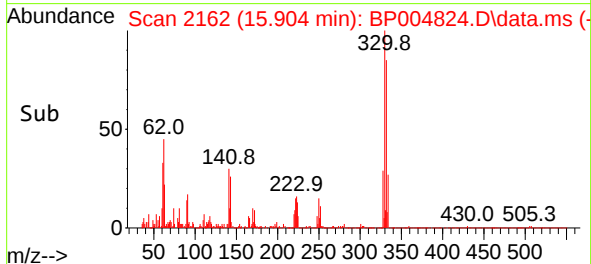
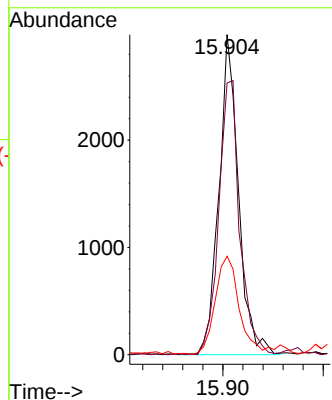
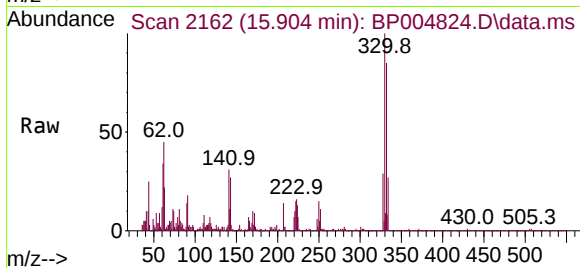




#42
2,4,6-Tribromophenol
Concen: 3.13 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

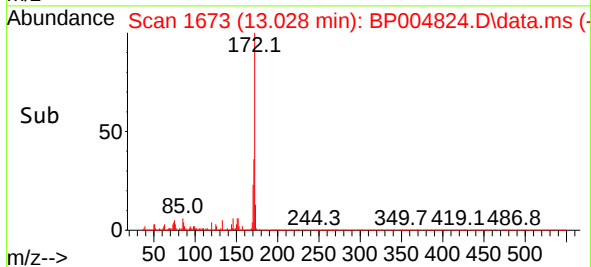
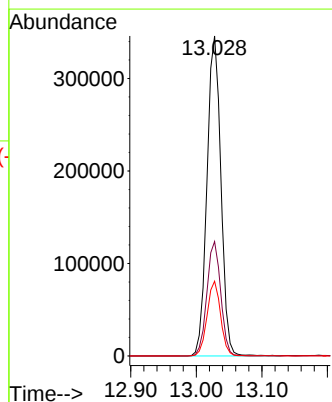
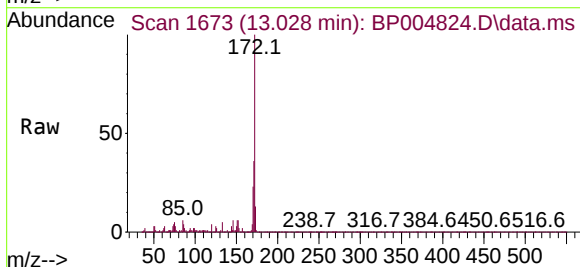
Instrument :
BNA_P
ClientSampleId :

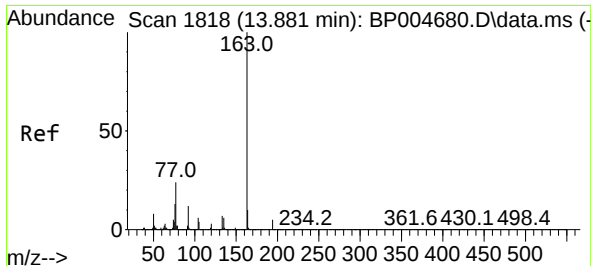
Tgt Ion:330 Resp: 4037
Ion Ratio Lower Upper
330 100
332 91.6 77.1 115.7
141 37.6 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 64.30 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion:172 Resp: 510837
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 19.2 28.8

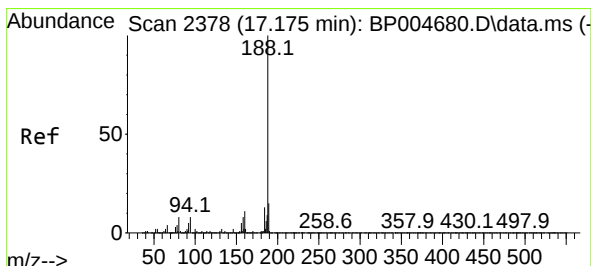
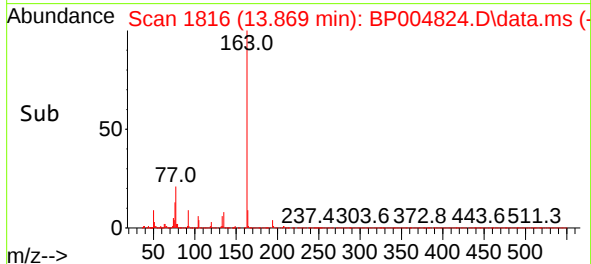
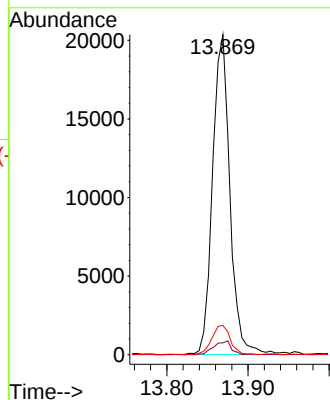
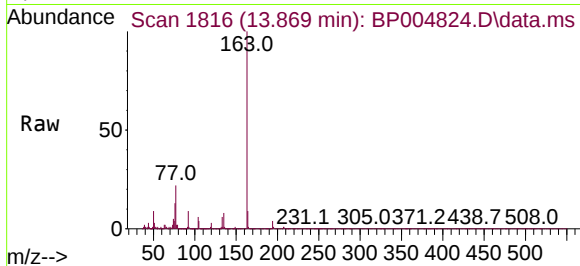




#50
Dimethylphthalate
Concen: 3.53 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

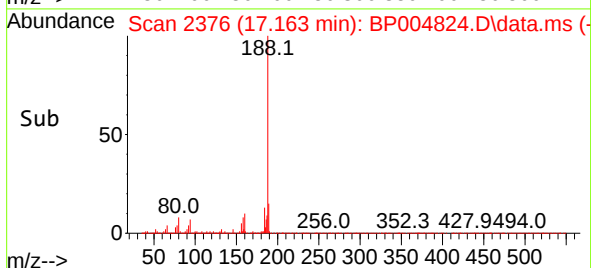
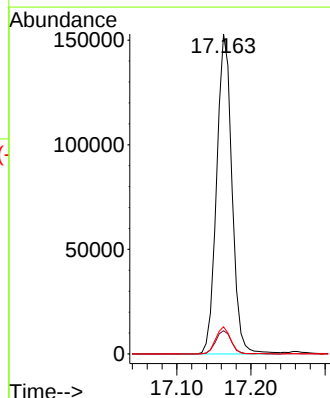
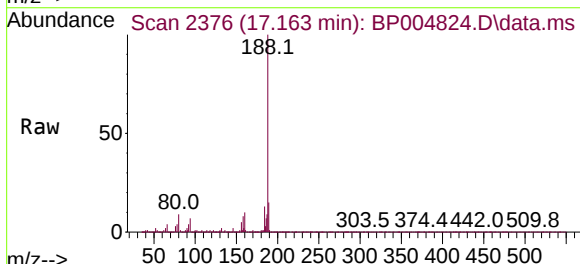
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BNA_P
ClientSampleId :

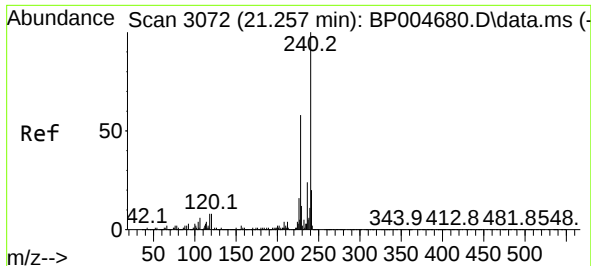
Tgt Ion:163 Resp: 30145
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion:188 Resp: 220605
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.5 6.2 9.2

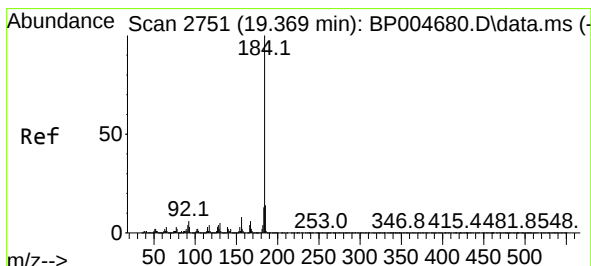
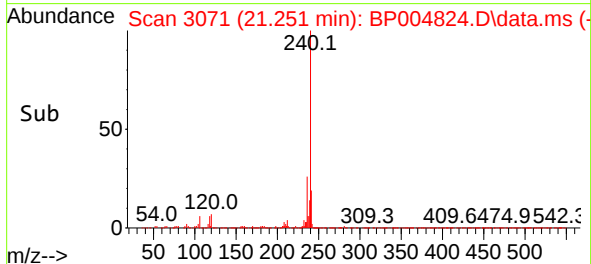
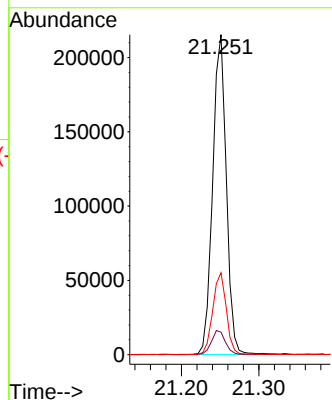
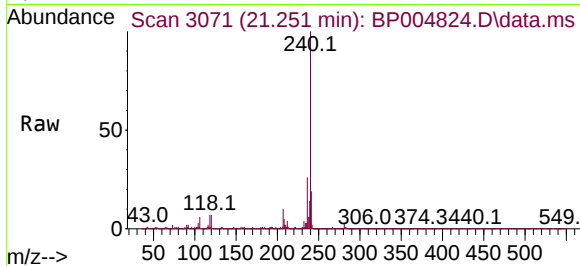




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

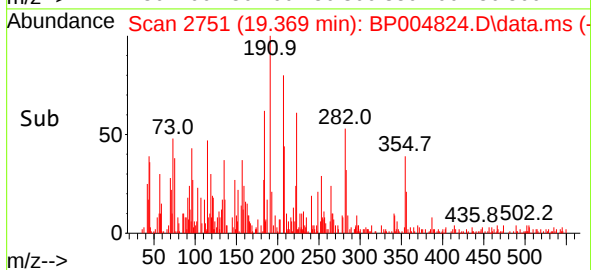
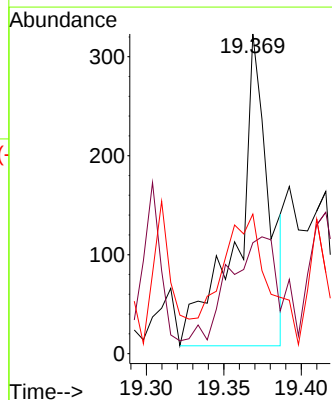
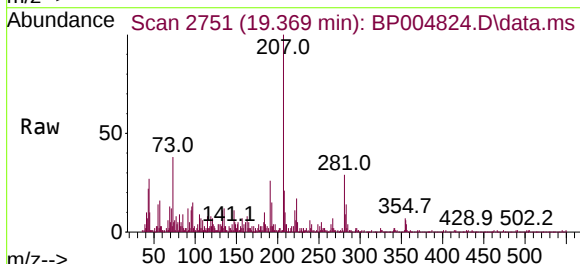
Instrument :
BNA_P
ClientSampled :

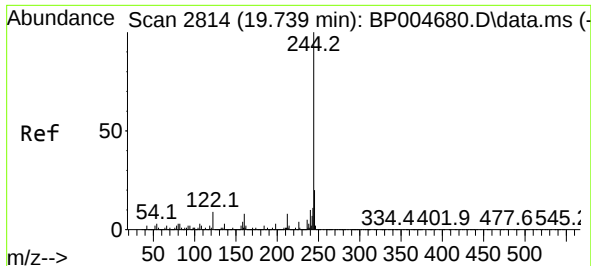
Tgt Ion:240 Resp: 264250
Ion Ratio Lower Upper
240 100
120 7.1 7.8 11.6#
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.22 ng
RT: 19.369 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Tgt Ion:184 Resp: 446
Ion Ratio Lower Upper
184 100
185 34.7 11.5 17.3#
183 43.7 9.6 14.4#

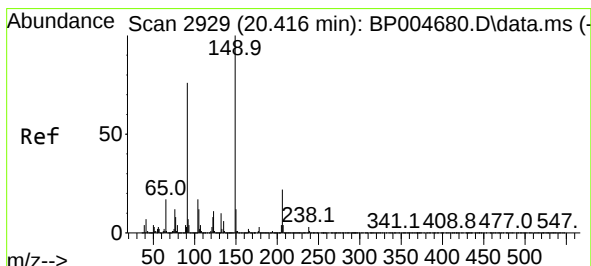
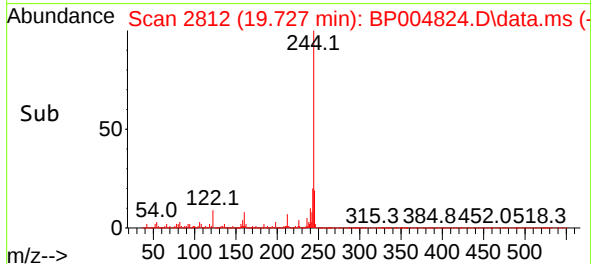
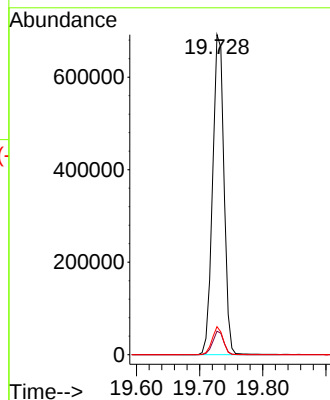
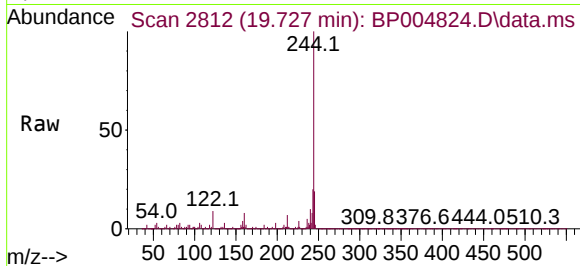




#79
 Terphenyl-d14
 Concen: 54.76 ng
 RT: 19.727 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BP004824.D
 Acq: 19 Feb 2021 16:15

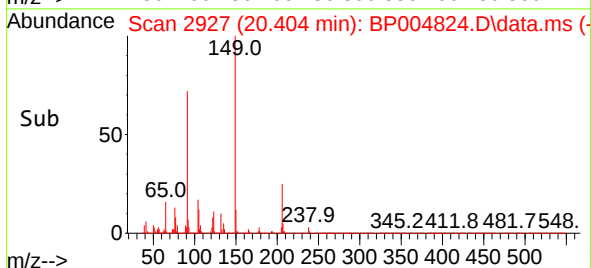
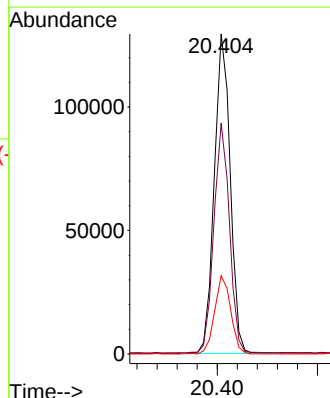
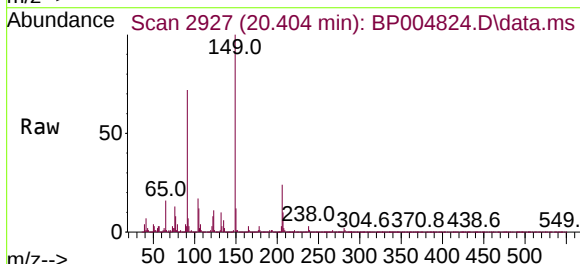
Instrument :
 BNA_P
 ClientSampleId :

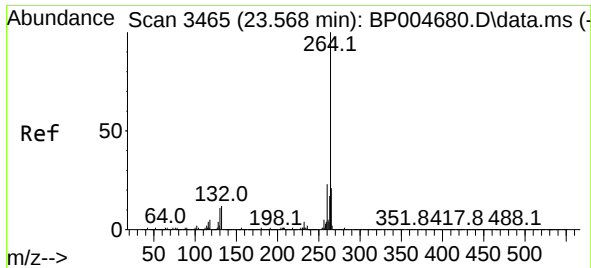
Tgt Ion:244	Resp: 861401
Ion Ratio	Lower Upper
244 100	
212 7.4	5.8 8.6
122 8.8	7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 19.49 ng
 RT: 20.404 min Scan# 2927
 Delta R.T. 0.000 min
 Lab File: BP004824.D
 Acq: 19 Feb 2021 16:15

Tgt Ion:149	Resp: 142768
Ion Ratio	Lower Upper
149 100	
91 72.1	45.4 68.0#
206 24.5	17.1 25.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.551 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BP004824.D
Acq: 19 Feb 2021 16:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	264	Resp:	284945
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.8	28.2
265	21.4	17.4	26.2

