

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005402.D
 Acq On : 23 Apr 2021 19:56
 Operator : CG/JU
 Sample : M2149-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Apr 23 23:38:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

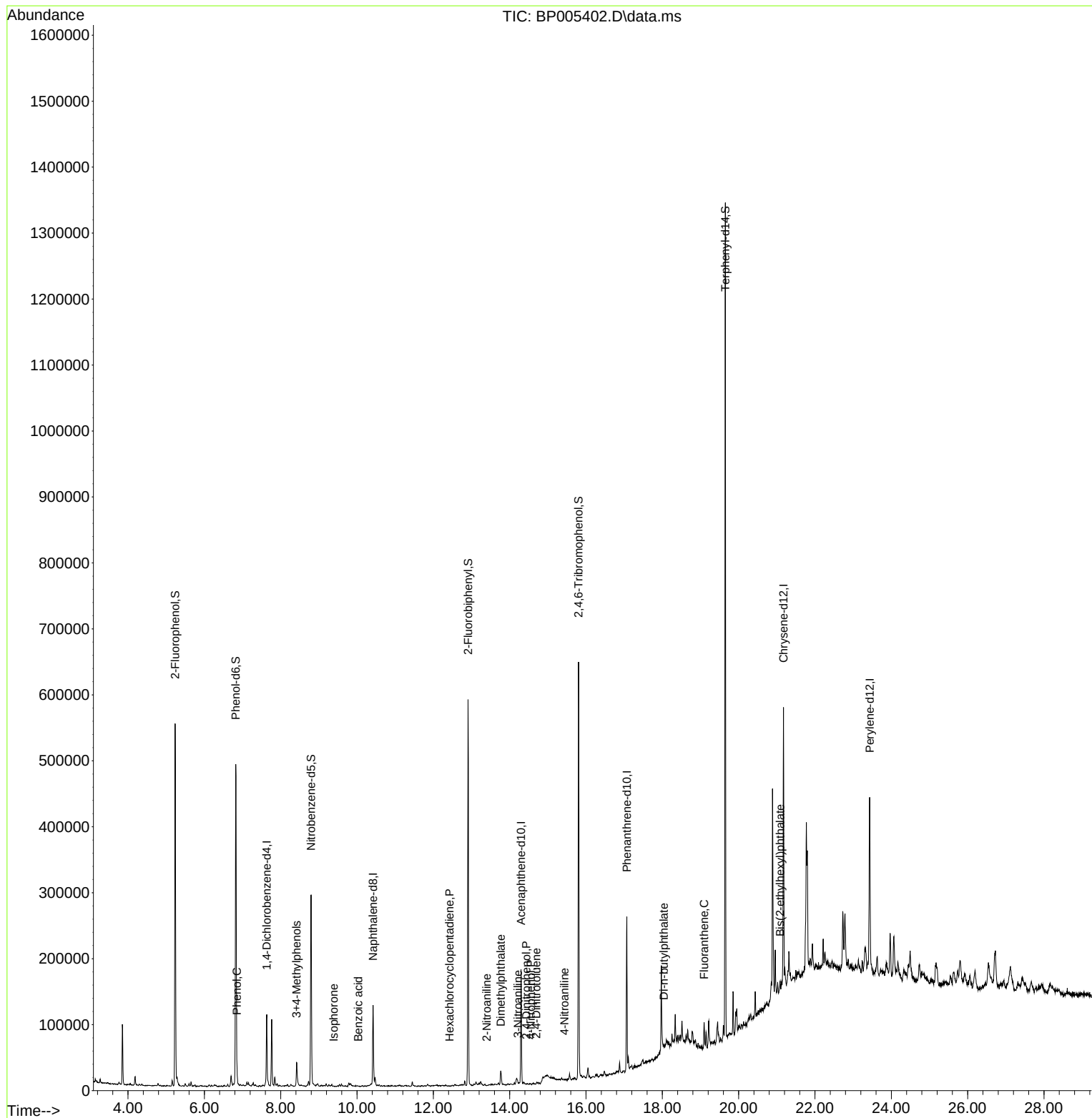
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	20367	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	70169	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	46832	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	113779	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	162087	20.00	ng	0.00
86) Perylene-d12	23.433	264	175864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	152494	130.06	ng	-0.01
7) Phenol-d6	6.822	99	191741	118.69	ng	-0.01
23) Nitrobenzene-d5	8.799	82	161903	100.35	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	82240	91.80	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	230595	63.74	ng	0.00
79) Terphenyl-d14	19.651	244	461744	52.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.852	94	5786	3.59	ng	# 50
20) 3+4-Methylphenols	8.416	107	13626	10.02	ng	88
25) Isophorone	9.387	82	35	2.96	ng	# 60
32) Benzoic acid	10.034	122	22	7.77	ng	85
41) Hexachlorocyclopentadiene	12.428	237	8	6.97	ng	82
48) 2-Nitroaniline	13.398	65	17	5.46	ng	# 17
50) Dimethylphthalate	13.763	163	9028	2.66	ng	# 98
53) 3-Nitroaniline	14.216	138	15	2.67	ng	# 68
54) 2,4-Dinitrophenol	14.434	184	10	7.54	ng	# 3
56) 4-Nitrophenol	14.557	139	18	5.33	ng	# 1
57) 2,4-Dinitrotoluene	14.698	165	62	3.16	ng	# 25
62) 4-Nitroaniline	15.434	138	46	3.88	ng	97
74) Di-n-butylphthalate	18.039	149	1298	4.16	ng	# 79
75) Fluoranthene	19.098	202	19025	2.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.086	149	2375	3.59	ng	# 75

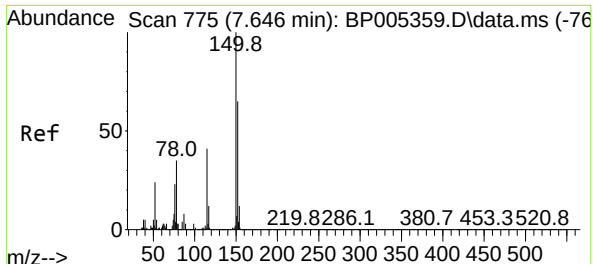
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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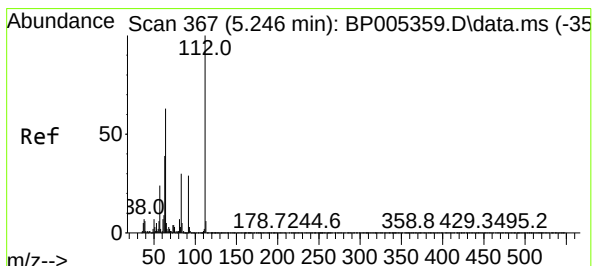
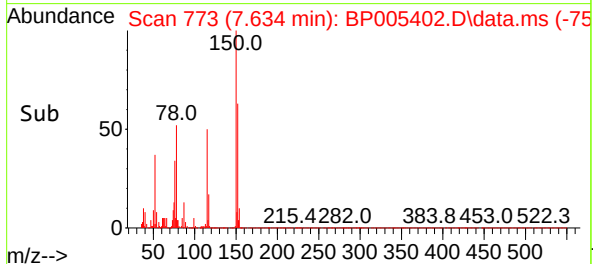
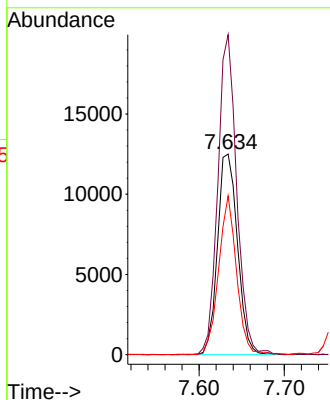
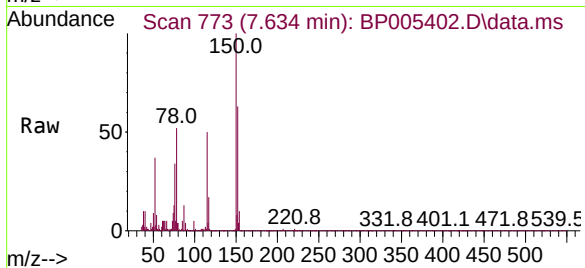




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

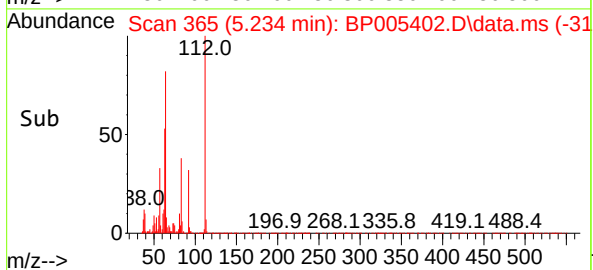
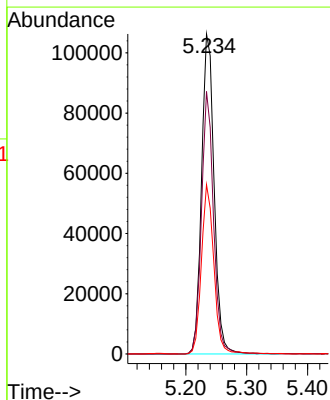
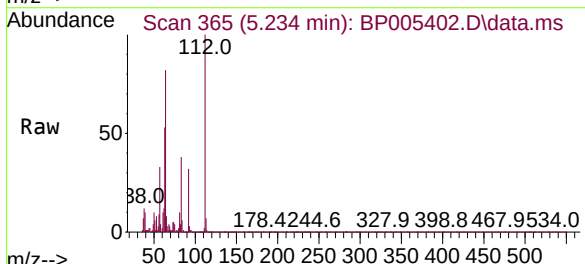
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

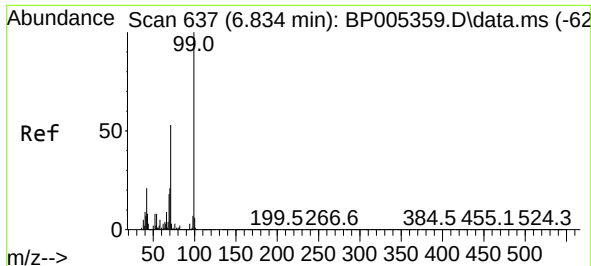
Tgt Ion:152 Resp: 20367
Ion Ratio Lower Upper
152 100
150 159.4 119.8 179.8
115 79.1 49.0 73.4#



#5
2-Fluorophenol
Concen: 130.06 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:112 Resp: 152494
Ion Ratio Lower Upper
112 100
64 82.0 33.6 50.4#
63 52.9 18.6 27.8#

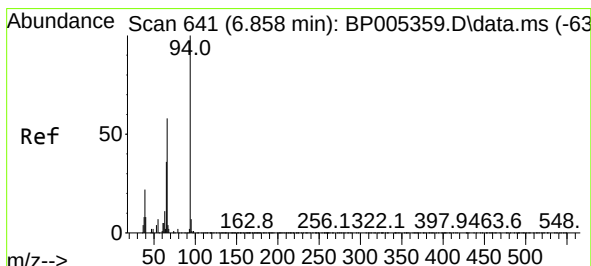
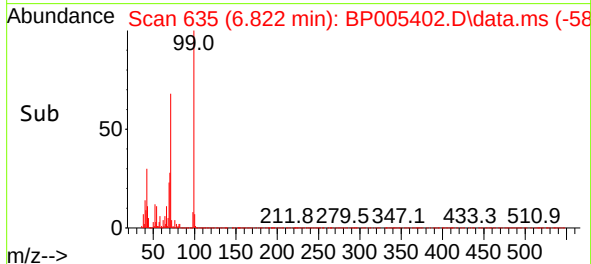
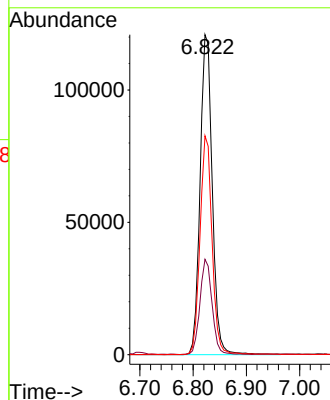
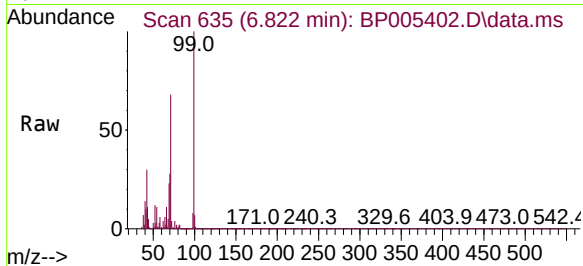




#7
Phenol-d6
Concen: 118.69 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

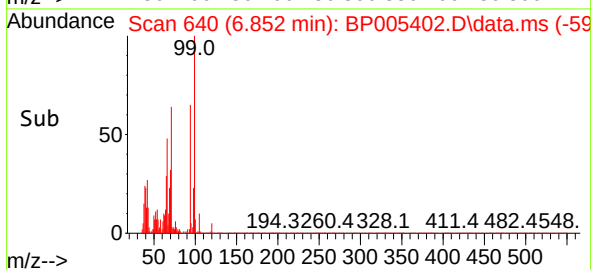
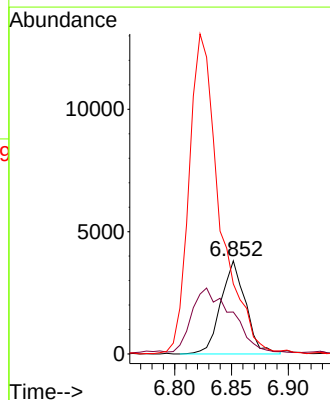
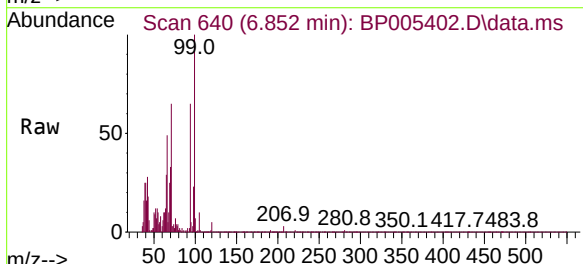
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

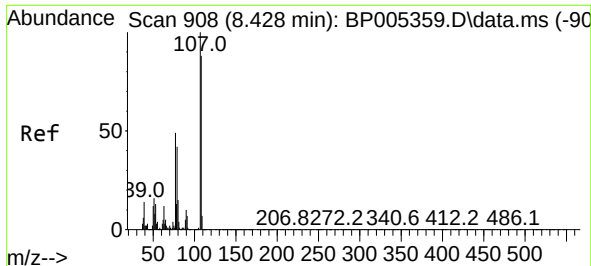
Tgt Ion: 99 Resp: 191741
Ion Ratio Lower Upper
99 100
42 29.8 12.9 19.3#
71 68.4 26.7 40.1#



#10
Phenol
Concen: 3.59 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion: 94 Resp: 5786
Ion Ratio Lower Upper
94 100
65 45.0 8.0 48.0
66 75.2 17.3 57.3#

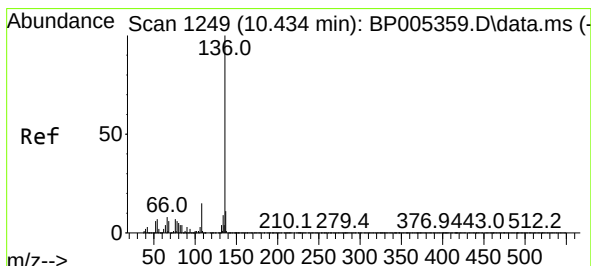
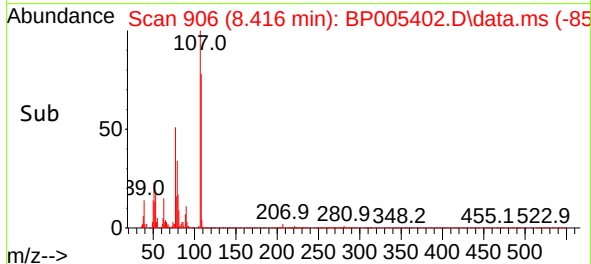
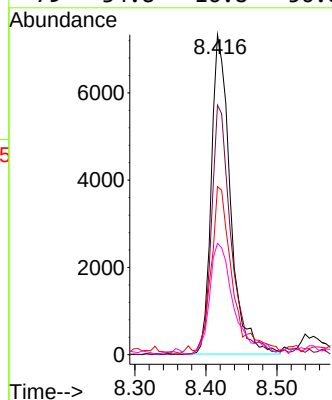
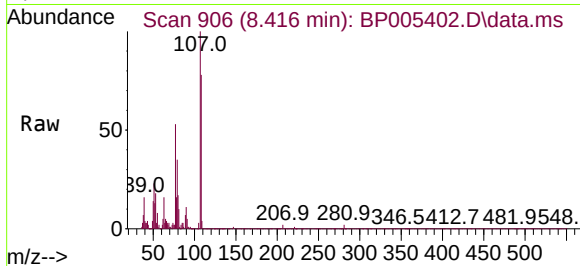




#20
3+4-Methylphenols
Concen: 10.02 ng
RT: 8.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

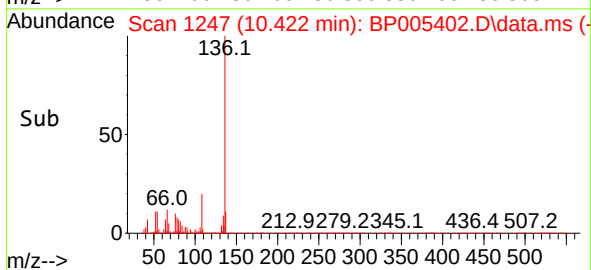
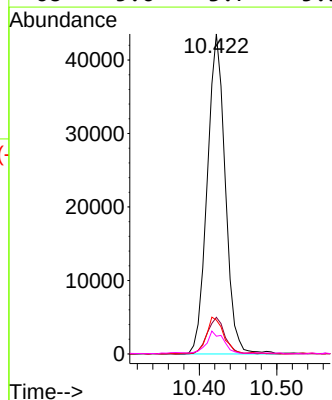
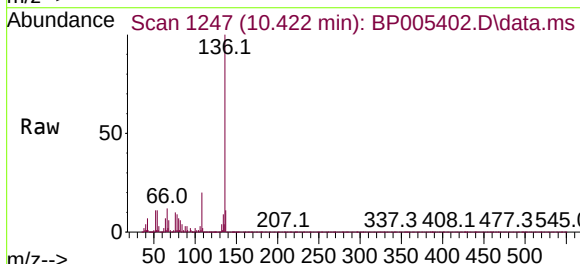
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

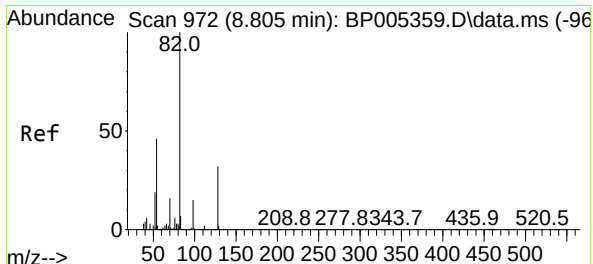
Tgt Ion:	107	Resp:	13626
Ion	Ratio	Lower	Upper
107	100		
108	78.0	69.5	109.5
77	52.5	21.5	61.5
79	34.8	16.8	56.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:	136	Resp:	70169
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.6	5.0	7.4#
68	5.6	3.7	5.5#

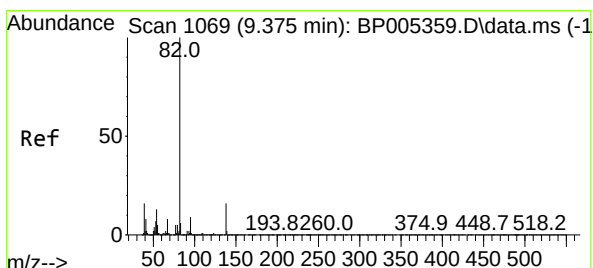
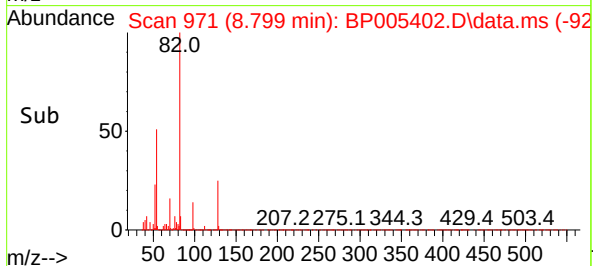
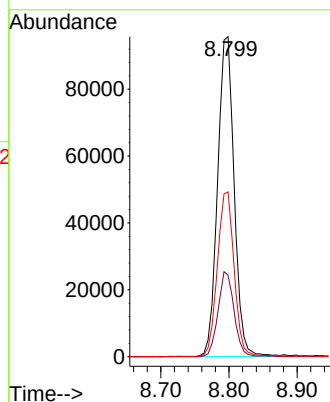
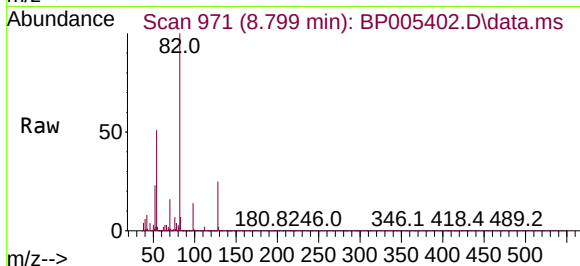




#23
Nitrobenzene-d5
Concen: 100.35 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

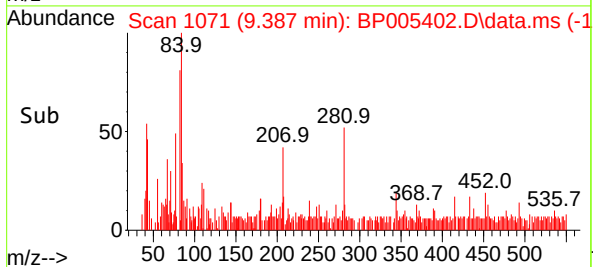
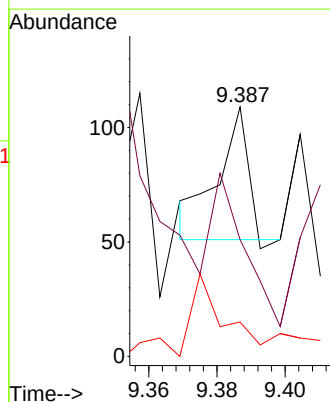
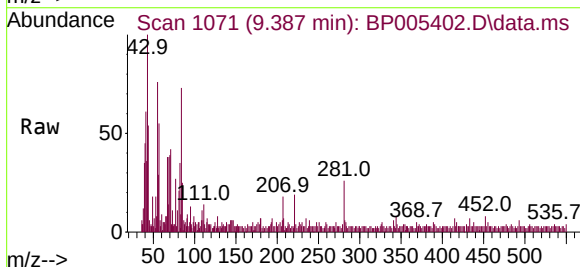
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

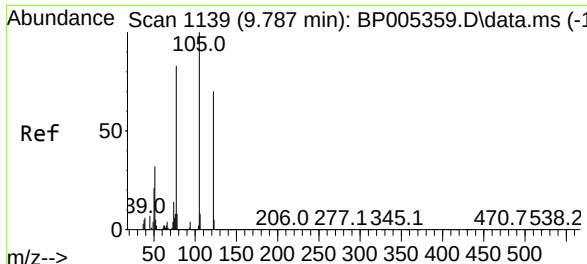
Tgt Ion: 82 Resp: 161903
Ion Ratio Lower Upper
82 100
128 25.5 30.5 45.7#
54 51.5 33.9 50.9#



#25
Isophorone
Concen: 2.96 ng
RT: 9.387 min Scan# 1071
Delta R.T. 0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion: 82 Resp: 35
Ion Ratio Lower Upper
82 100
95 44.0 7.5 11.3#
138 12.9 14.6 22.0#

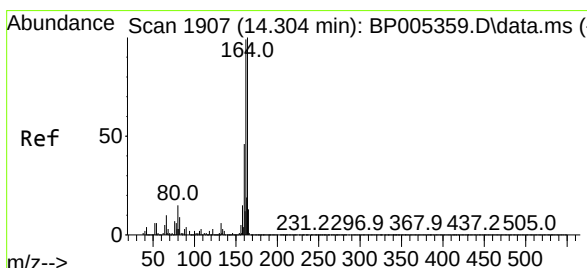
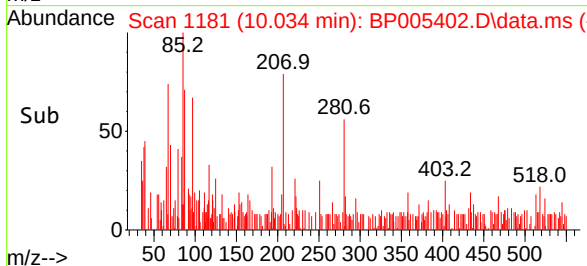
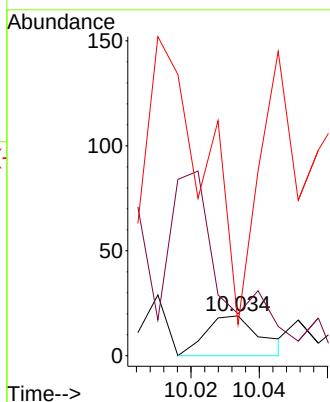
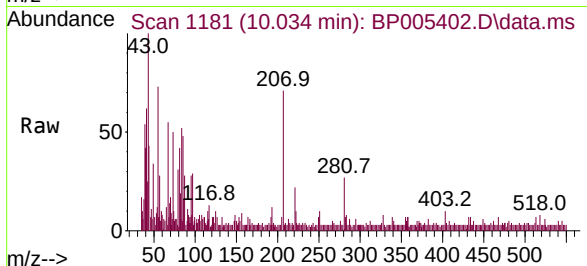




#32
Benzoic acid
Concen: 7.77 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.247 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

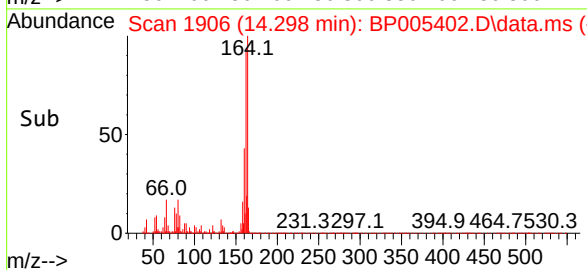
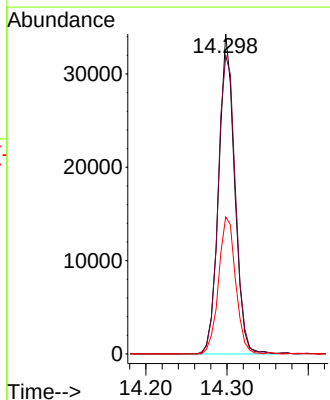
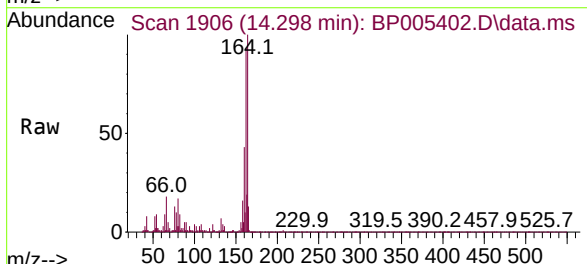
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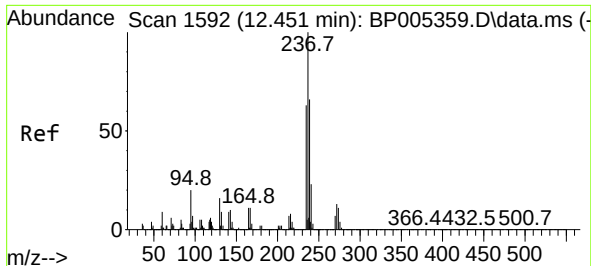
Tgt Ion:	122	Resp:	22
Ion Ratio	Lower	Upper	
122	100		
105	105.3	105.1	145.1
77	78.9	69.6	109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:	164	Resp:	46832
Ion Ratio	Lower	Upper	
164	100		
162	93.3	73.5	110.3
160	42.9	40.6	61.0

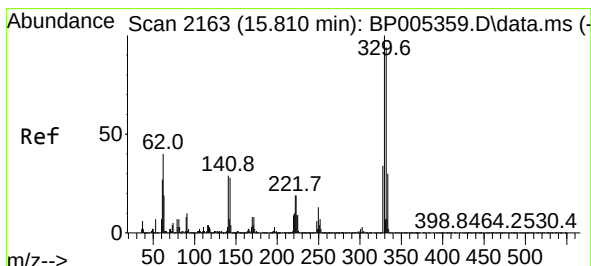
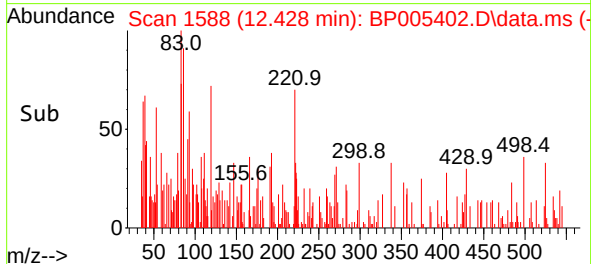
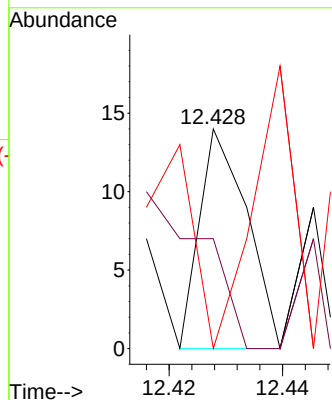
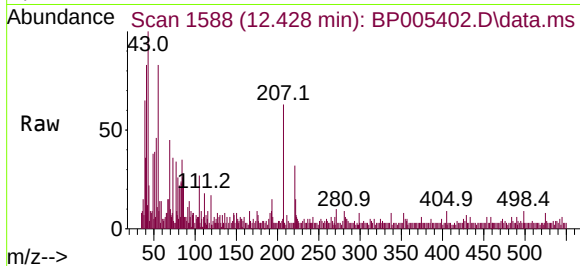




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.023 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

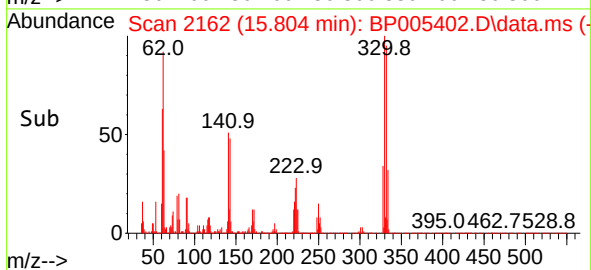
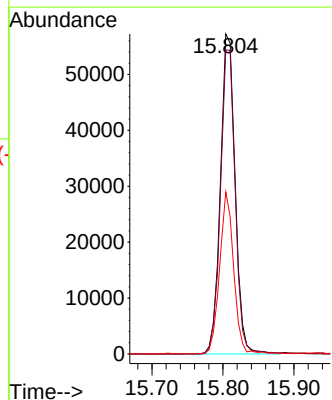
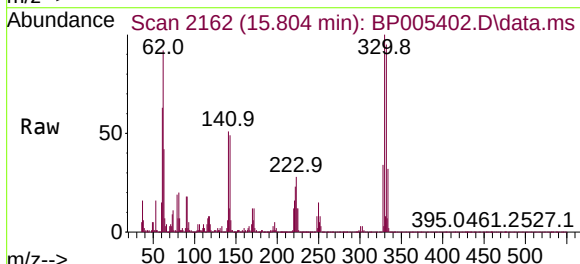
Instrument :
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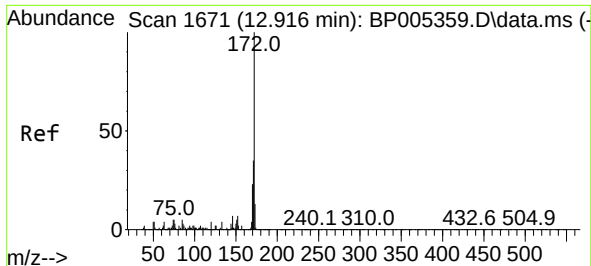
Tgt Ion:237	Resp:	8
Ion	Ratio	Lower Upper
237	100	
235	50.0	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 91.80 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:330	Resp:	82240
Ion	Ratio	Lower Upper
330	100	
332	95.4	76.3 114.5
141	48.0	22.8 34.2#

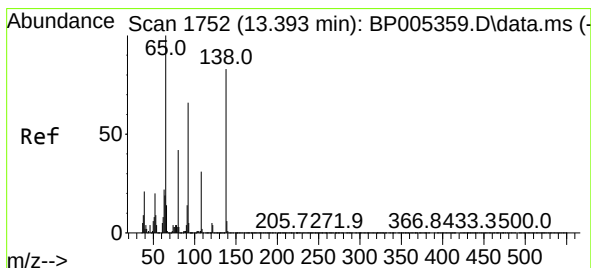
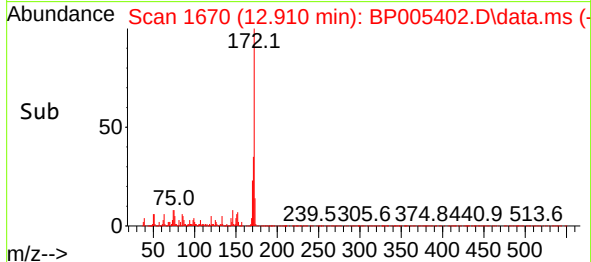
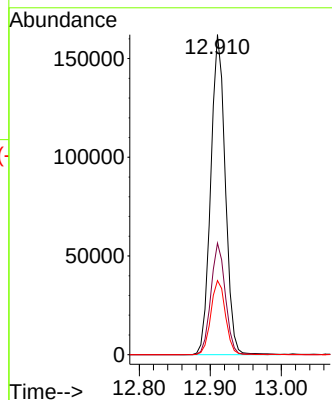
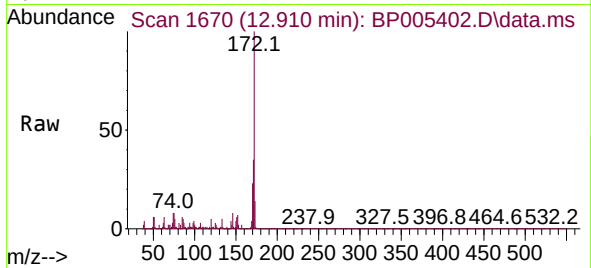




#45
2-Fluorobiphenyl
Concen: 63.74 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

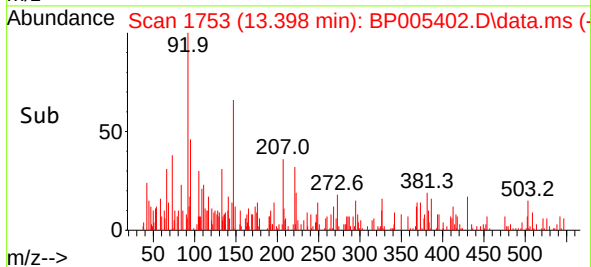
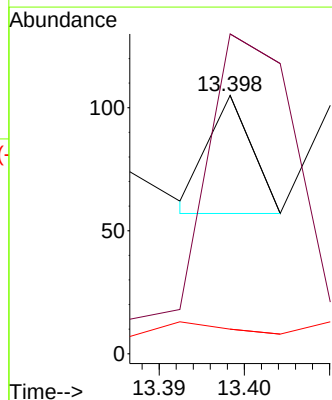
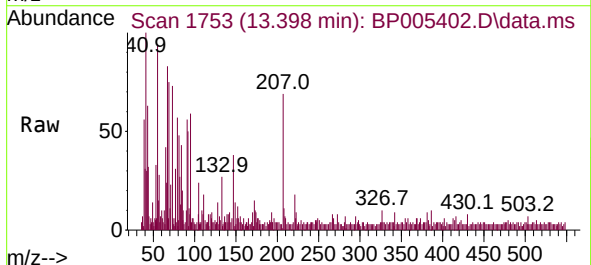
Instrument :
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ClientSampleId :
SB-36-10.5-11.0

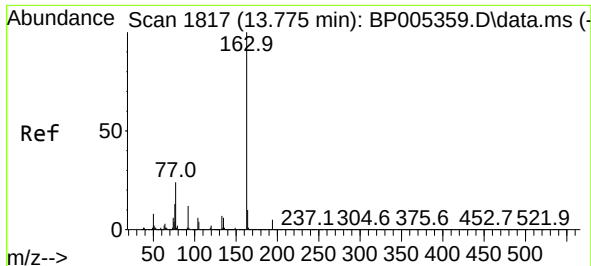
Tgt Ion:172	Resp:	230595
Ion Ratio	Lower	Upper
172	100	
171	34.9	28.1 42.1
170	23.1	19.6 29.4



#48
2-Nitroaniline
Concen: 5.46 ng
RT: 13.398 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion: 65	Resp:	17
Ion Ratio	Lower	Upper
65	100	
92	123.8	48.8 73.2#
138	9.5	69.5 104.3#

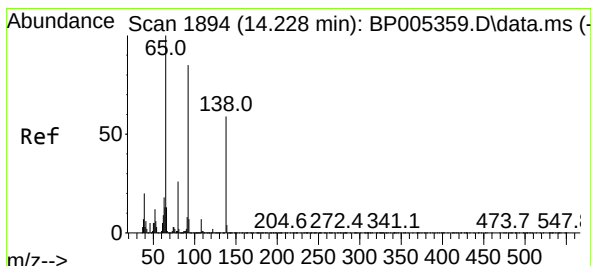
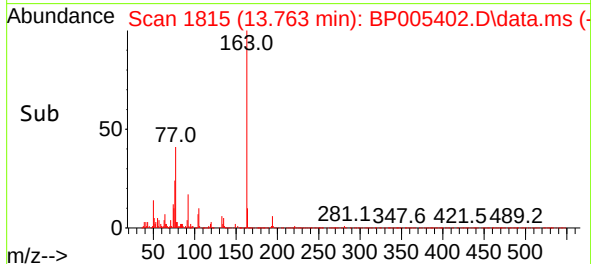
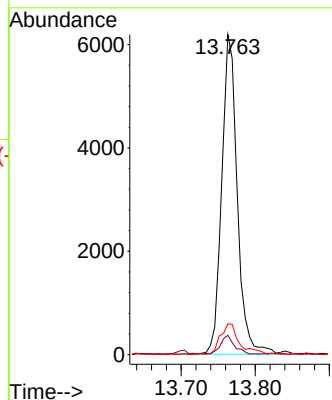
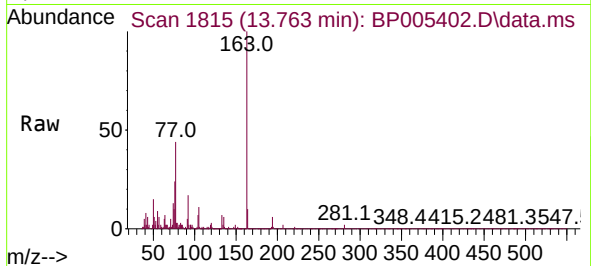




#50
Dimethylphthalate
Concen: 2.66 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

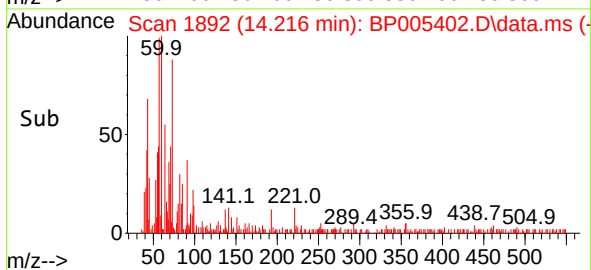
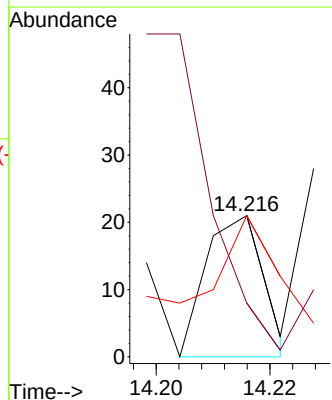
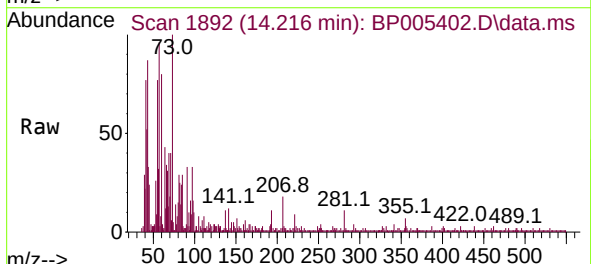
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

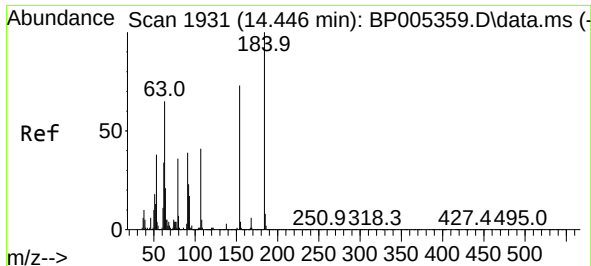
Tgt Ion:163 Resp: 9028
Ion Ratio Lower Upper
163 100
194 6.1 3.9 5.9#
164 9.6 8.1 12.1



#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:138 Resp: 15
Ion Ratio Lower Upper
138 100
108 38.1 10.2 15.4#
92 100.0 108.1 162.1#

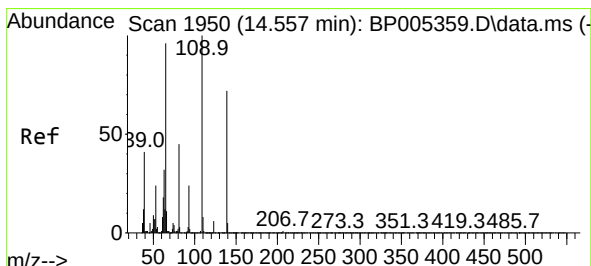
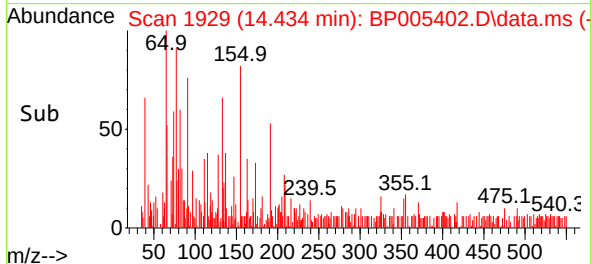
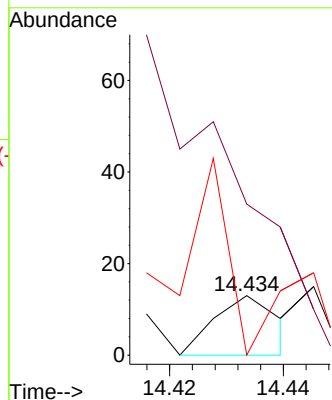
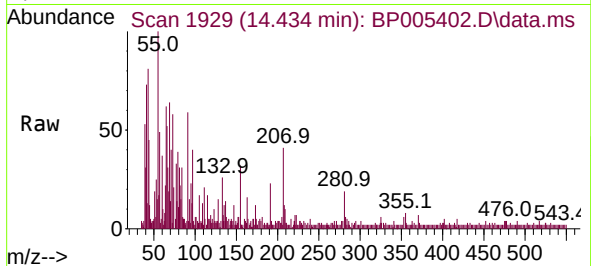




#54
2,4-Dinitrophenol
Concen: 7.54 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

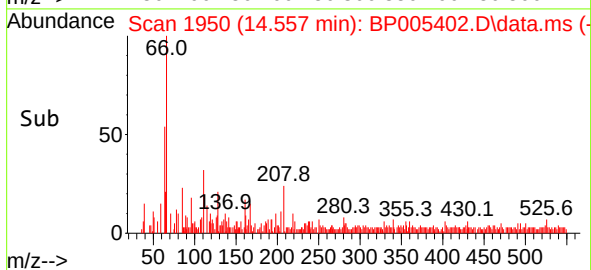
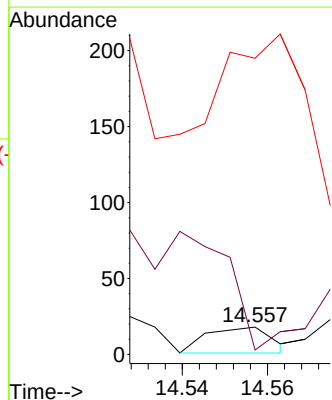
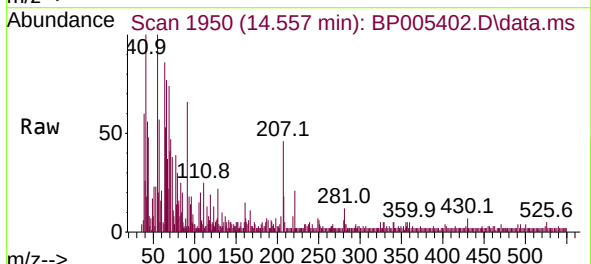
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

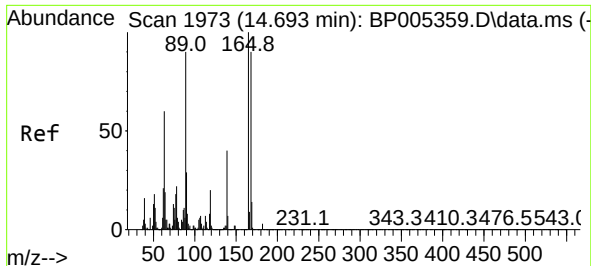
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 150.0 51.2 76.8#
154 0.0 55.8 83.8#



#56
4-Nitrophenol
Concen: 5.33 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 16.7 122.8 162.8#
65 1083.3 110.0 150.0#

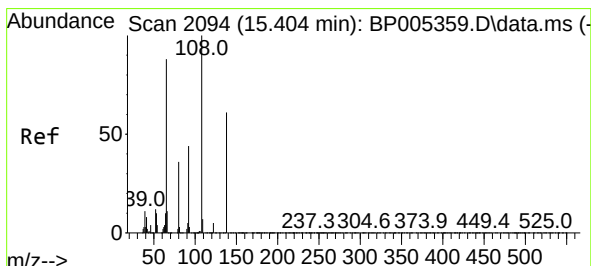
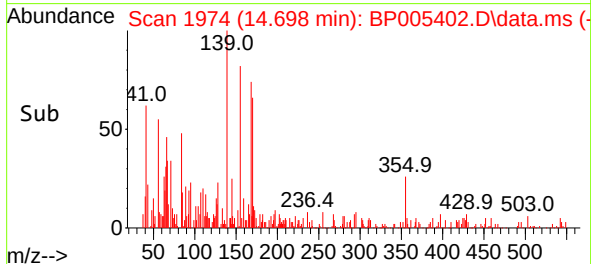
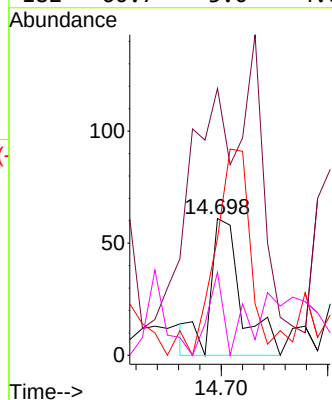
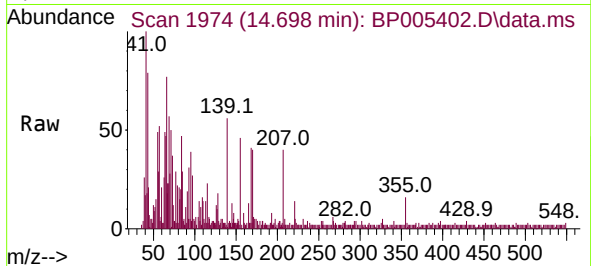




#57
2,4-Dinitrotoluene
Concen: 3.16 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

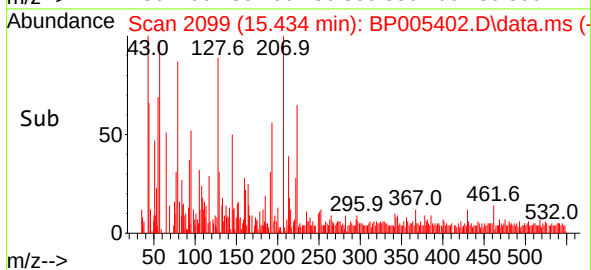
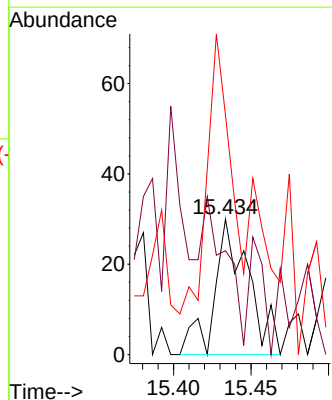
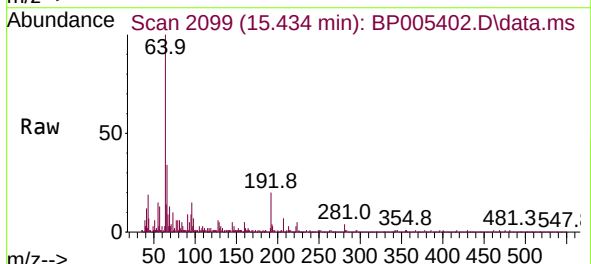
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

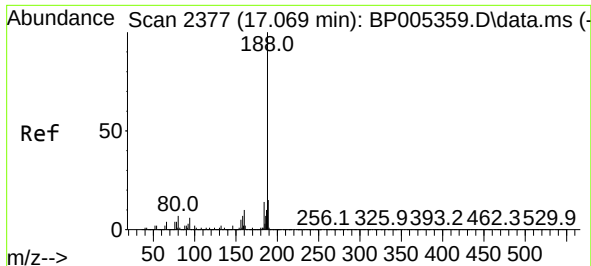
Tgt Ion:165 Resp: 62
Ion Ratio Lower Upper
165 100
63 195.1 56.7 85.1#
89 85.2 85.8 128.6#
182 60.7 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.88 ng
RT: 15.434 min Scan# 2099
Delta R.T. 0.030 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:138 Resp: 46
Ion Ratio Lower Upper
138 100
92 76.7 50.9 90.9
108 176.7 154.7 194.7

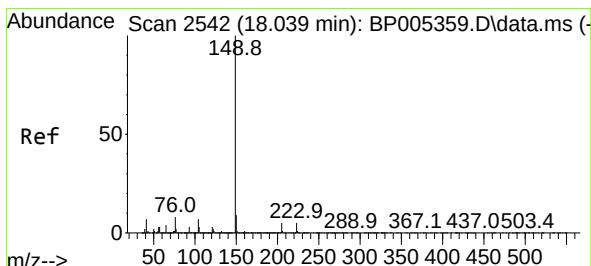
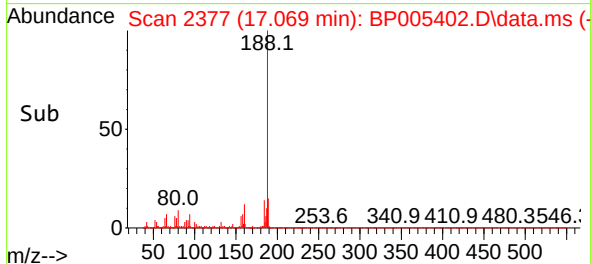
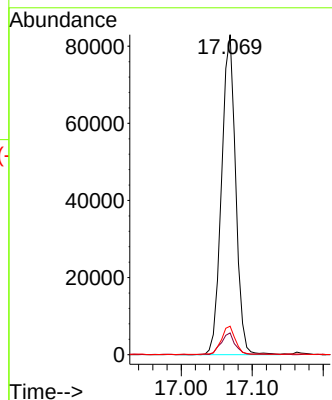
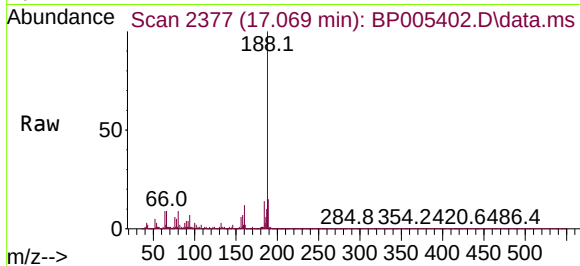




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

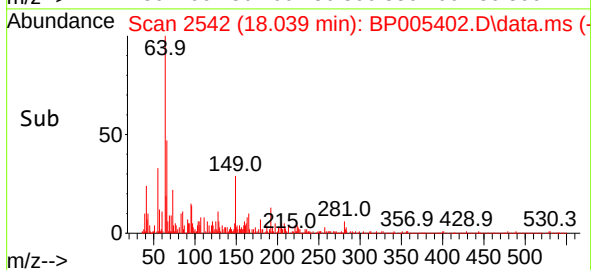
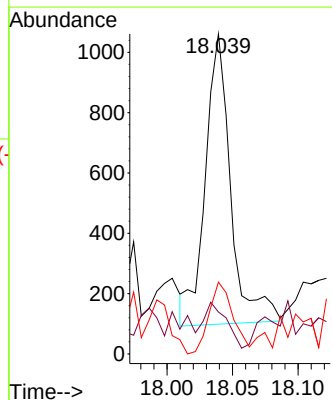
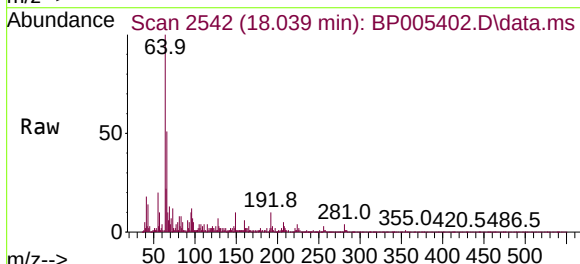
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

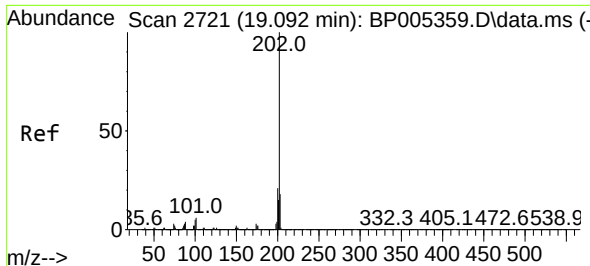
Tgt Ion:188	Resp:	113779
Ion Ratio	Lower	Upper
188	100	
94	6.8	5.0 7.6
80	8.9	5.9 8.9#



#74
Di-n-butylphthalate
Concen: 4.16 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:149	Resp:	1298
Ion Ratio	Lower	Upper
149	100	
150	13.1	7.6 11.4#
104	22.4	8.9 13.3#

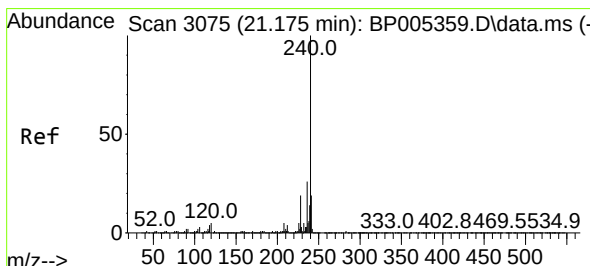
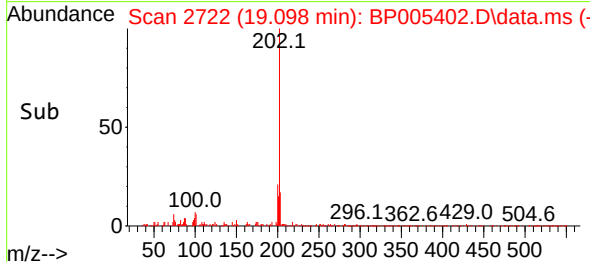
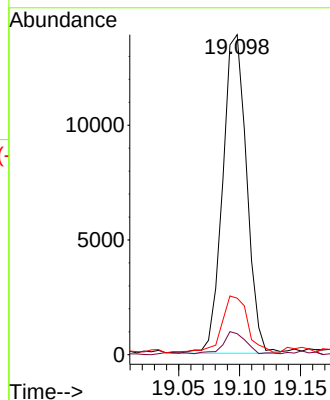
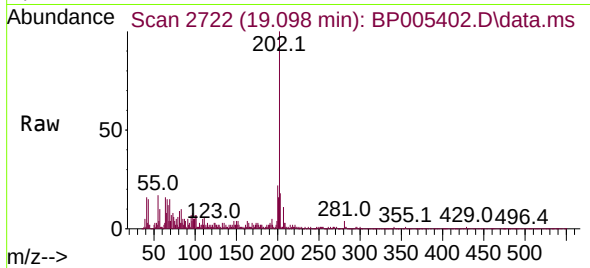




#75
Fluoranthene
Concen: 2.29 ng
RT: 19.098 min Scan# 2722
Delta R.T. 0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

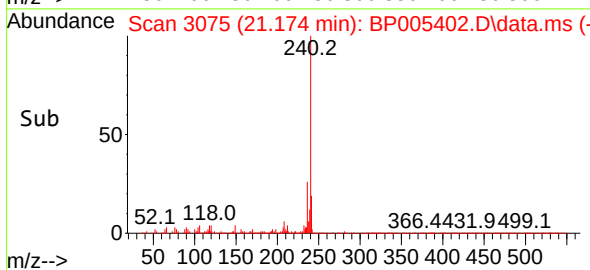
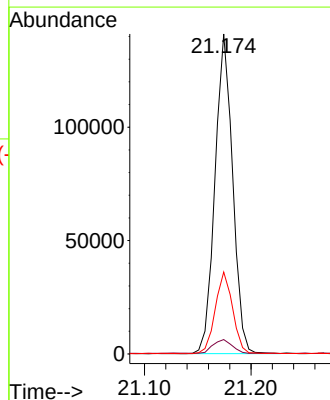
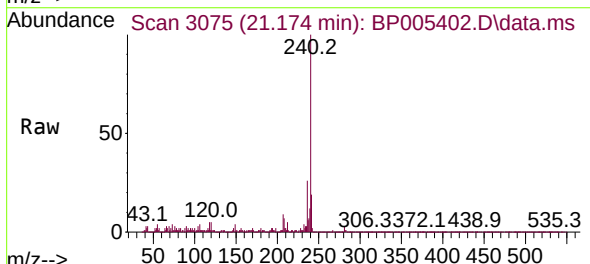
Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

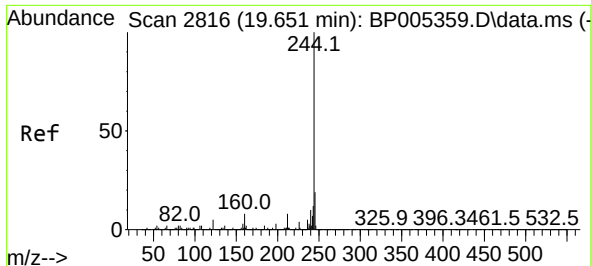
Tgt Ion:	202	Resp:	19025
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.1
203	17.7	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Tgt Ion:	240	Resp:	162087
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.2	6.2
236	25.6	20.2	30.2

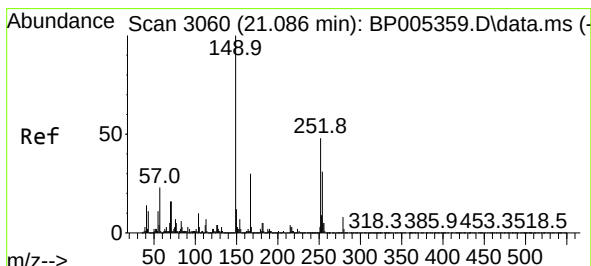
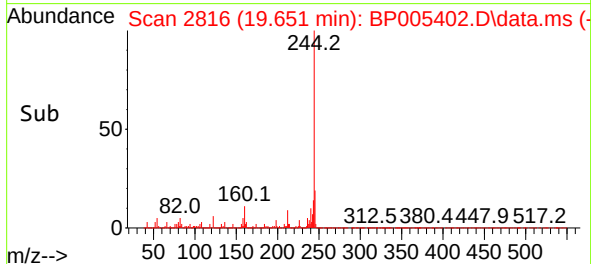
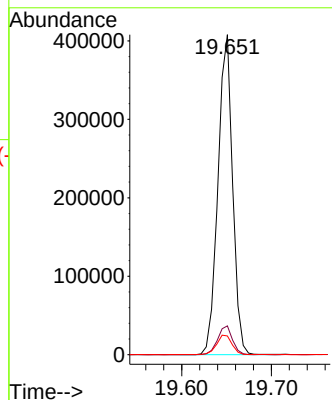
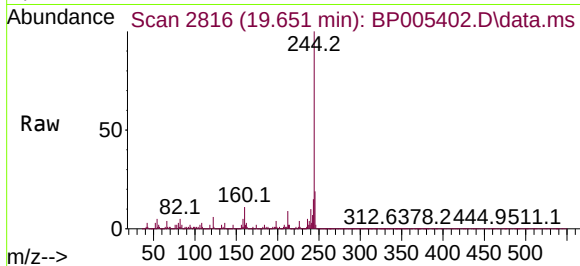




#79
 Terphenyl-d14
 Concen: 52.79 ng
 RT: 19.651 min Scan# 2816
 Delta R.T. -0.000 min
 Lab File: BP005402.D
 Acq: 23 Apr 2021 19:56

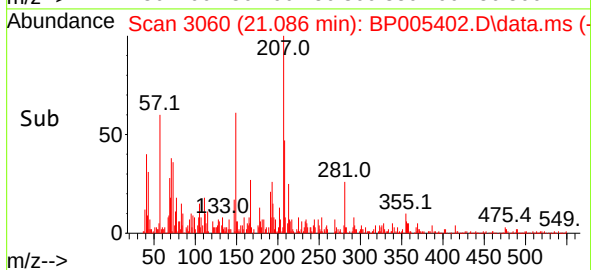
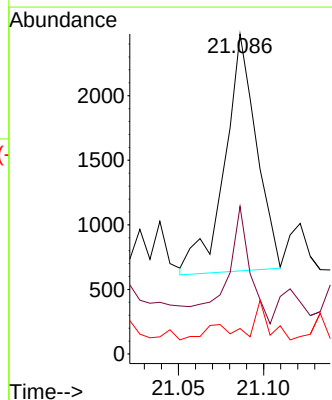
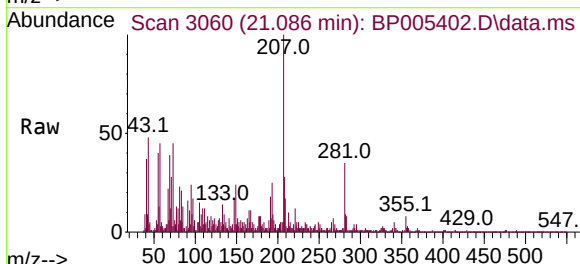
Instrument :
 BNA_P
 ClientSampleId :
 SB-36-10.5-11.0

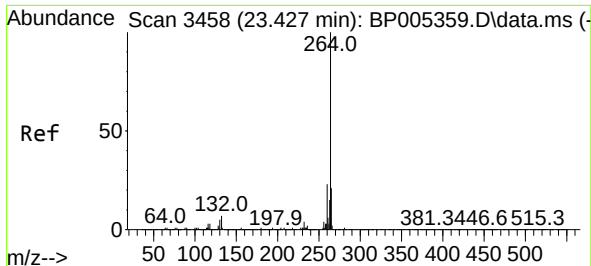
Tgt Ion:244 Resp: 461744
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.6#
 122 5.9 5.2 7.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.59 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BP005402.D
 Acq: 23 Apr 2021 19:56

Tgt Ion:149 Resp: 2375
 Ion Ratio Lower Upper
 149 100
 167 46.1 23.8 35.8#
 279 7.9 5.7 8.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.433 min Scan# 3459
Delta R.T. 0.006 min
Lab File: BP005402.D
Acq: 23 Apr 2021 19:56

Instrument :
BNA_P
ClientSampleId :
SB-36-10.5-11.0

Tgt Ion:264 Resp: 175864

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.6	30.8
265	22.2	19.0	28.6

