

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005374.D
 Acq On : 22 Apr 2021 14:17
 Operator : CG/JU
 Sample : M2089-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB44882RT

Quant Time: Apr 22 15:00:12 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)

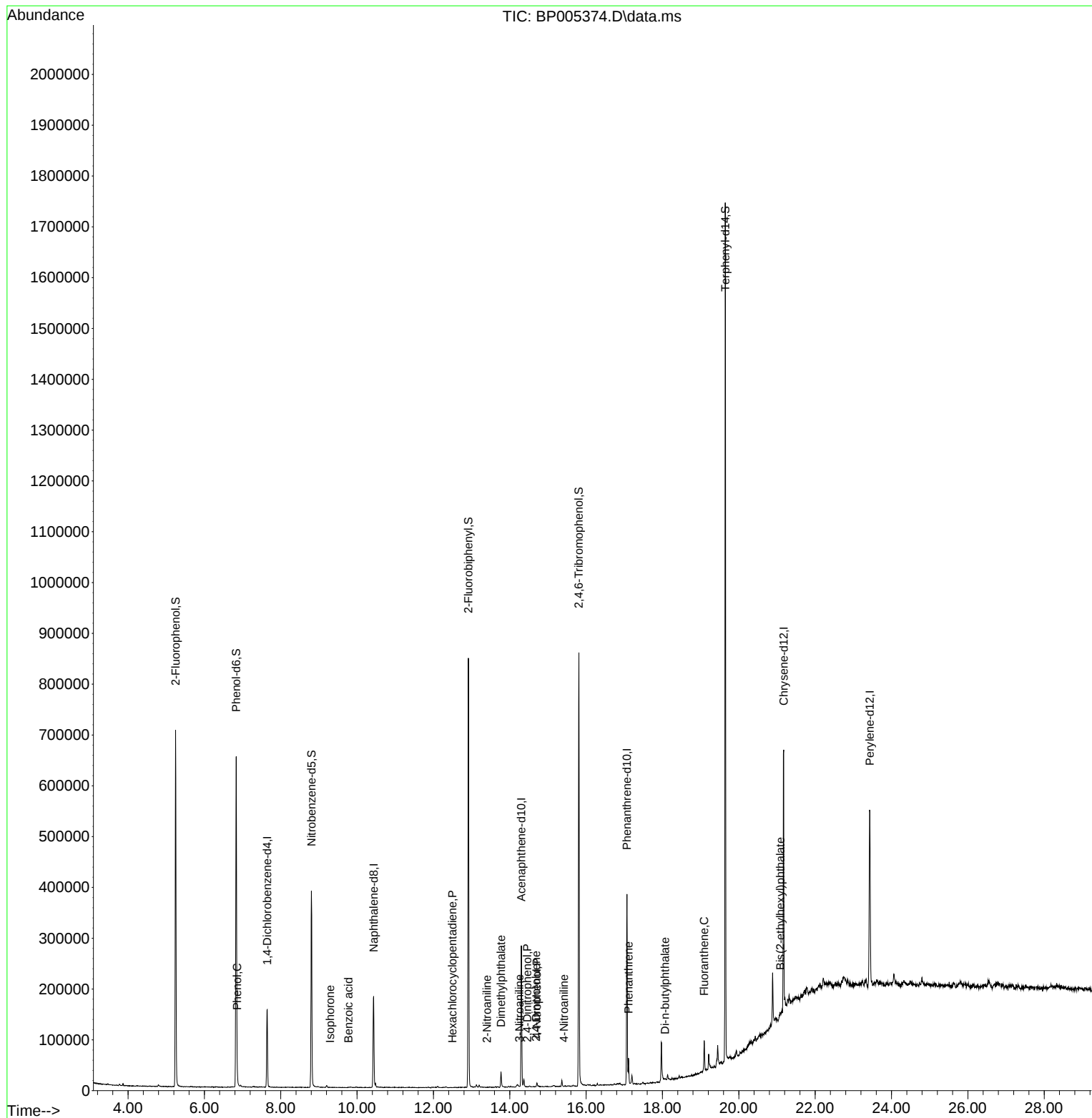
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	32133	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	116328	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	79562	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	194623	20.00	ng	0.00
76) Chrysene-d12	21.174	240	235321	20.00	ng	0.00
86) Perylene-d12	23.427	264	249147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	208850	112.90	ng	0.00
7) Phenol-d6	6.834	99	270313	106.06	ng	0.00
23) Nitrobenzene-d5	8.805	82	215975	80.75	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	129370	85.01	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	354149	57.62	ng	0.00
79) Terphenyl-d14	19.645	244	661334	52.08	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.858	94	5572	2.19	ng	# 21
25) Isophorone	9.293	82	113	2.97	ng	94
32) Benzoic acid	9.775	122	57	7.78	ng	# 9
41) Hexachlorocyclopentadiene	12.498	237	10	6.97	ng	78
48) 2-Nitroaniline	13.404	65	89	5.50	ng	# 39
50) Dimethylphthalate	13.769	163	15752	2.73	ng	# 97
53) 3-Nitroaniline	14.251	138	14	2.67	ng	# 1
54) 2,4-Dinitrophenol	14.457	184	31	7.55	ng	# 1
56) 4-Nitrophenol	14.710	139	1756	7.03	ng	# 1
57) 2,4-Dinitrotoluene	14.692	165	10	3.11	ng	# 1
62) 4-Nitroaniline	15.422	138	40	3.85	ng	# 1
71) Phenanthrene	17.110	178	25480	2.46	ng	95
74) Di-n-butylphthalate	18.069	149	112	3.96	ng	98
75) Fluoranthene	19.092	202	30380	2.13	ng	97
84) Bis(2-ethylhexyl)phtha...	21.086	149	1227	3.19	ng	# 66

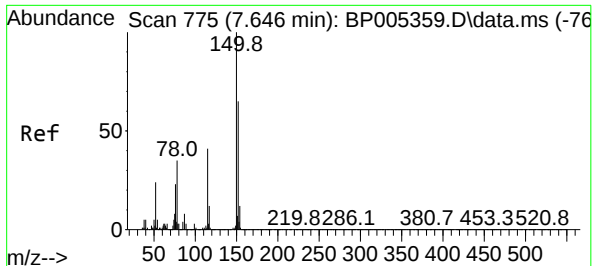
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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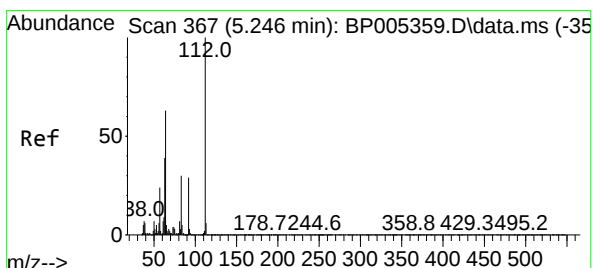
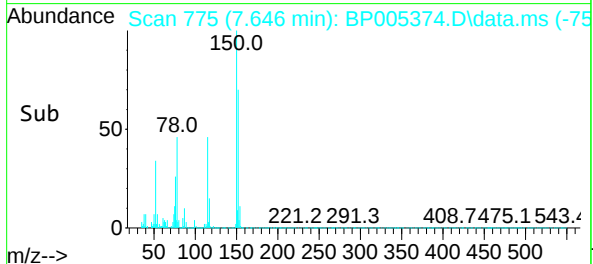
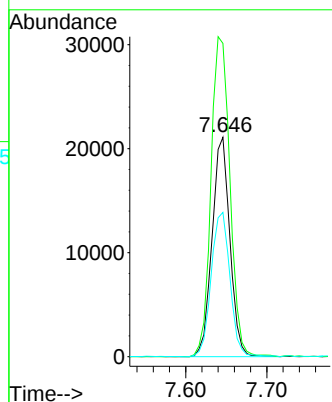
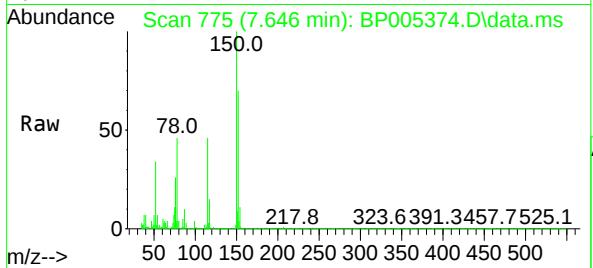




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

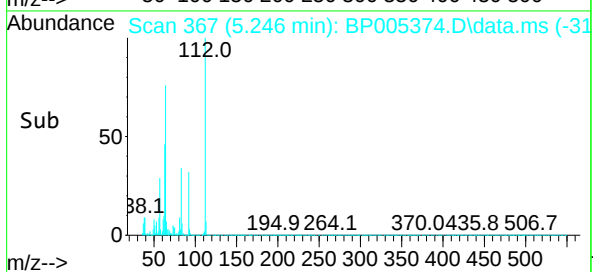
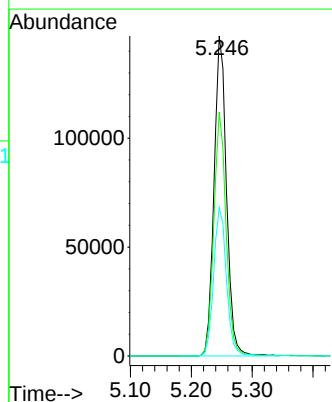
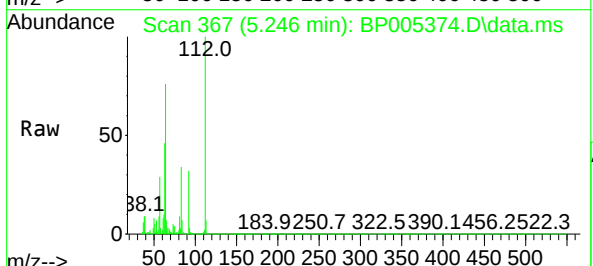
Instrument :
BNA_P
ClientSampleId :
RB44882RT

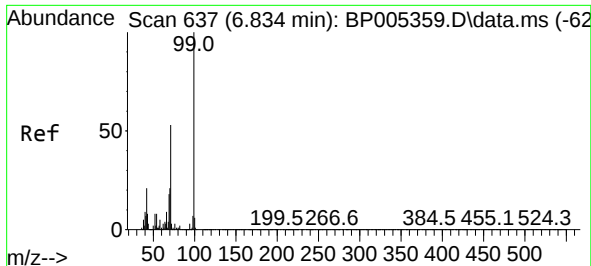
Tgt Ion:152 Resp: 32133
Ion Ratio Lower Upper
152 100
150 142.8 119.8 179.8
115 65.8 49.0 73.4



#5
2-Fluorophenol
Concen: 112.90 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:112 Resp: 208850
Ion Ratio Lower Upper
112 100
64 76.1 33.6 50.4#
63 46.4 18.6 27.8#

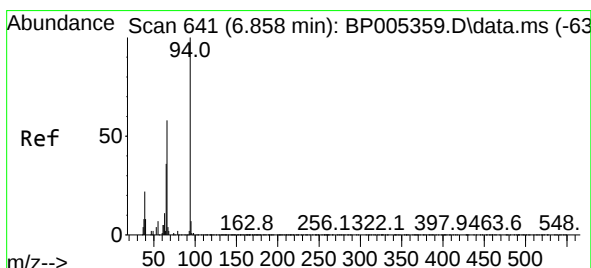
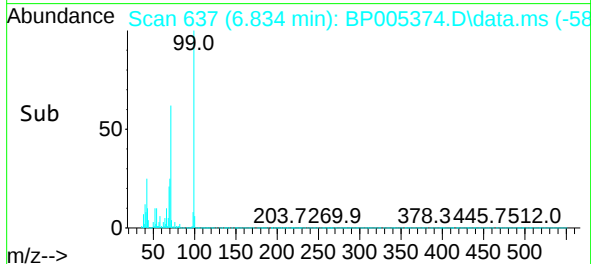
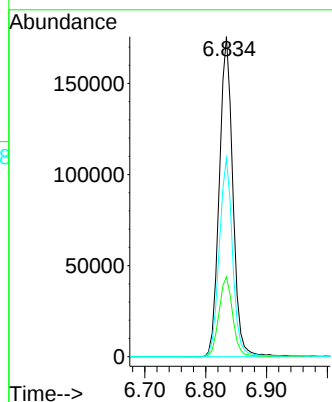
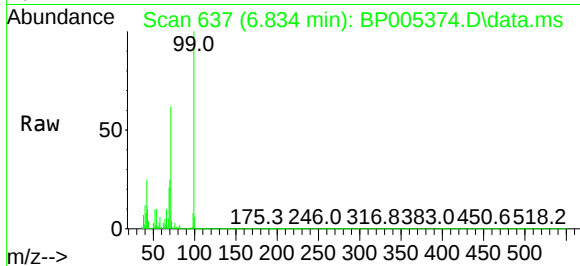




#7
Phenol-d6
Concen: 106.06 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

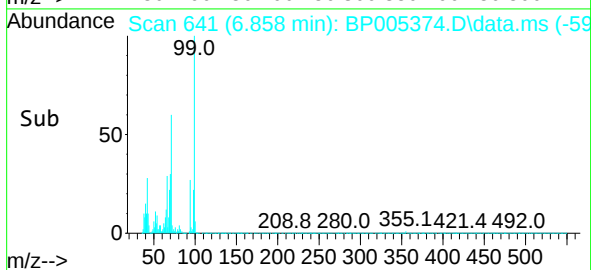
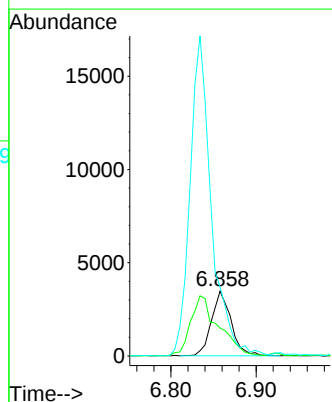
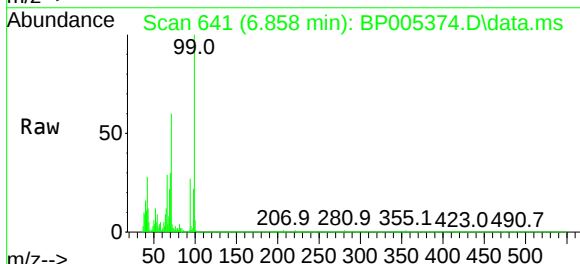
Instrument :
BNA_P
ClientSampleId :
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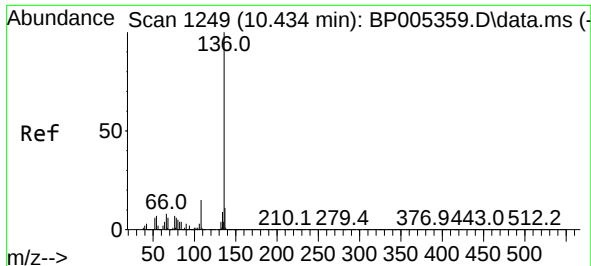
Tgt Ion: 99 Resp: 270313
Ion Ratio Lower Upper
99 100
42 24.9 12.9 19.3#
71 62.0 26.7 40.1#



#10
Phenol
Concen: 2.19 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion: 94 Resp: 5572
Ion Ratio Lower Upper
94 100
65 43.2 8.0 48.0
66 106.7 17.3 57.3#

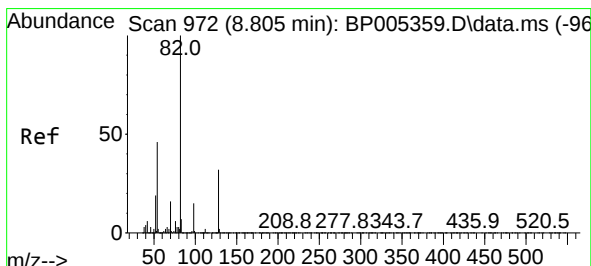
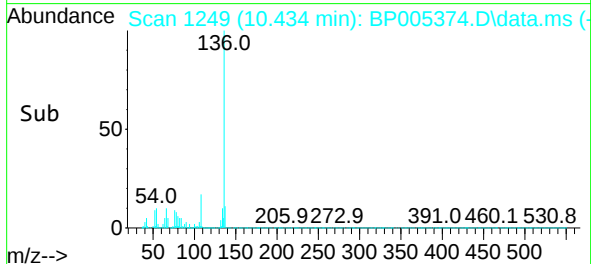
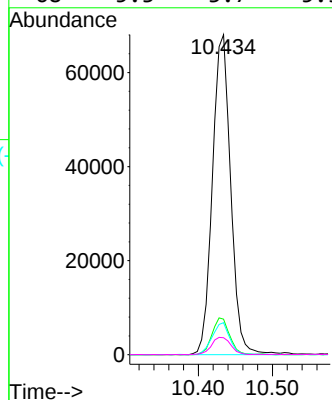
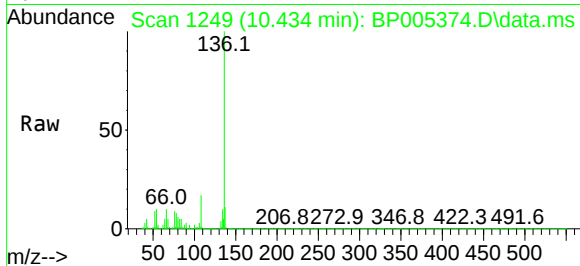




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

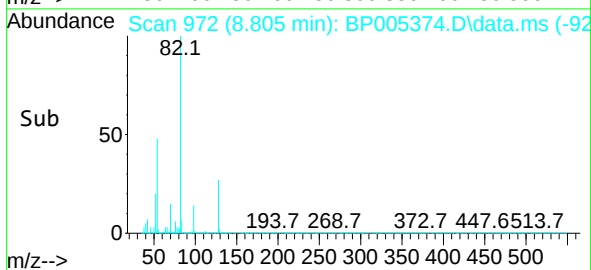
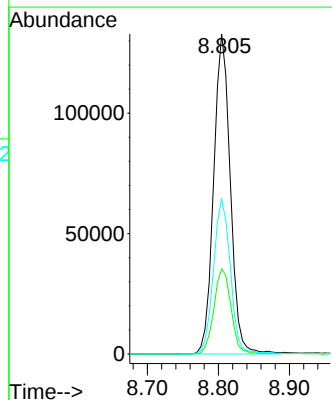
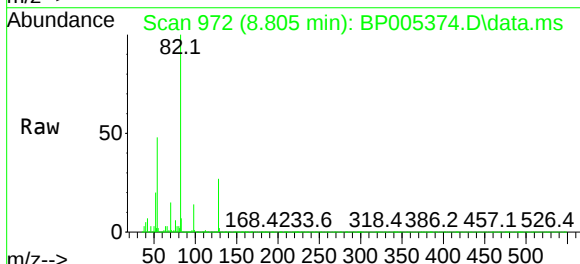
Instrument :
BNA_P
ClientSampleId :
RB44882RT

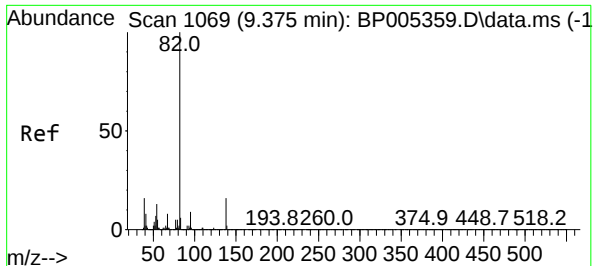
Tgt Ion:	136	Resp:	116328
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.0	5.0	7.4#
68	5.3	3.7	5.5



#23
Nitrobenzene-d5
Concen: 80.75 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:	82	Resp:	215975
Ion Ratio	Lower	Upper	
82	100		
128	26.6	30.5	45.7#
54	48.3	33.9	50.9

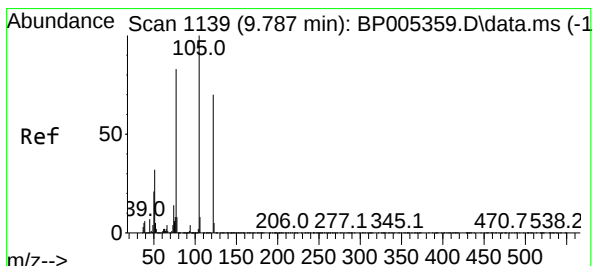
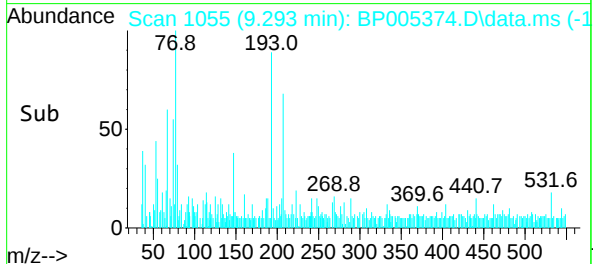
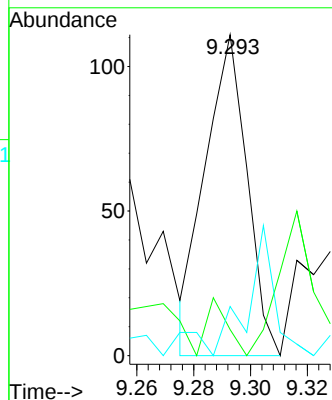
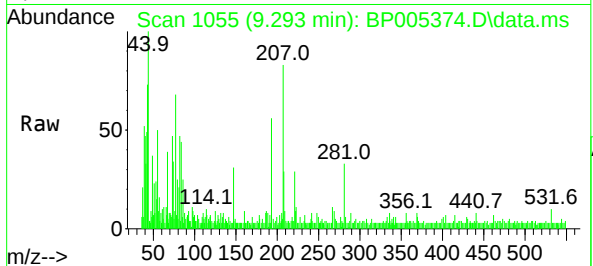




#25
Isophorone
Concen: 2.97 ng
RT: 9.293 min Scan# 1055
Delta R.T. -0.082 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

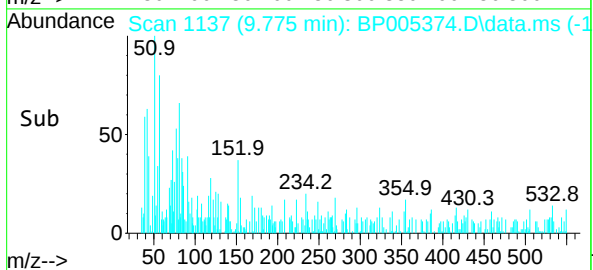
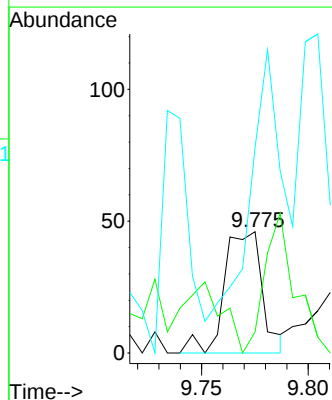
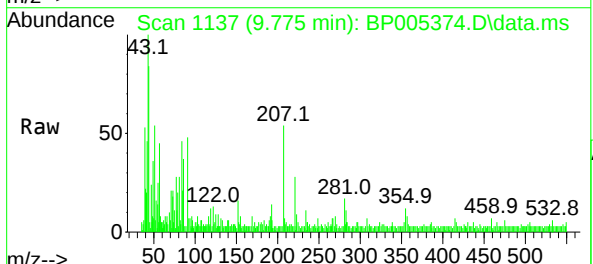
Instrument :
BNA_P
ClientSampleId :
RB44882RT

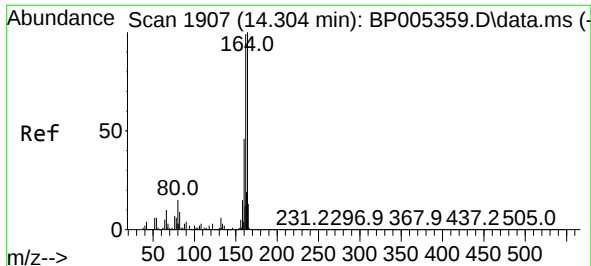
Tgt Ion: 82	Resp:	113
Ion Ratio	Lower	Upper
82 100		
95 8.1	7.5	11.3
138 15.3	14.6	22.0



#32
Benzoic acid
Concen: 7.78 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:122	Resp:	57	
Ion	Ratio	Lower	Upper
122	100		
105	17.4	105.1	145.1#
77	169.6	69.6	109.6#

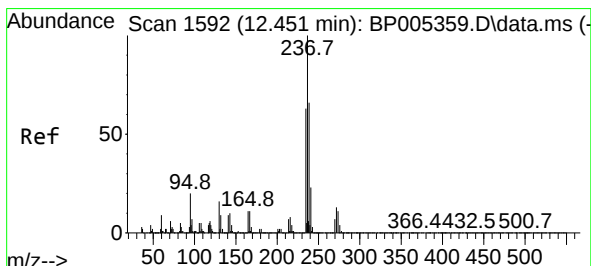
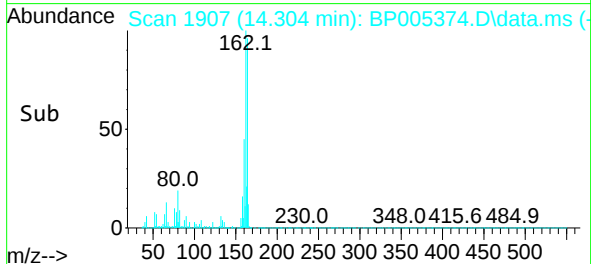
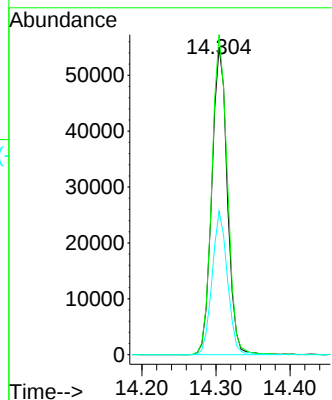
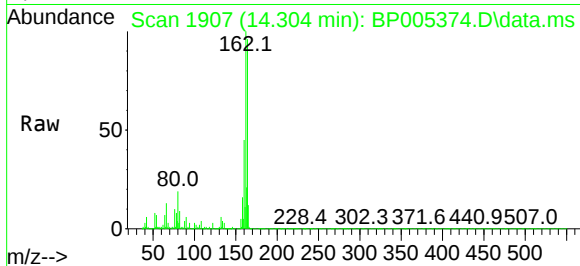




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

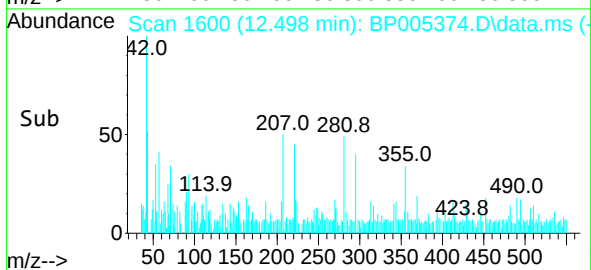
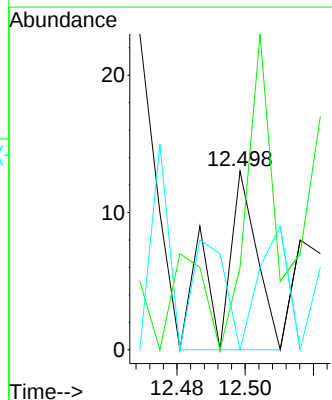
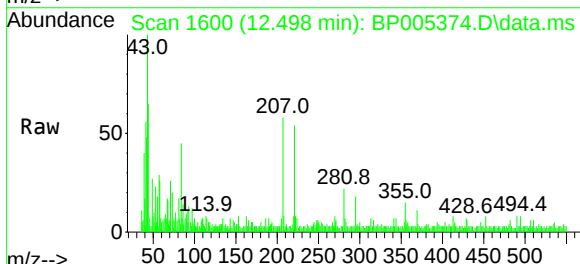
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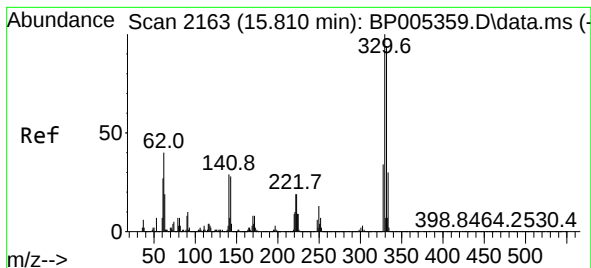
Tgt Ion:164 Resp: 79562
Ion Ratio Lower Upper
164 100
162 104.1 73.5 110.3
160 46.7 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.498 min Scan# 1600
Delta R.T. 0.047 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 46.2 40.9 80.9
272 0.0 0.0 34.6

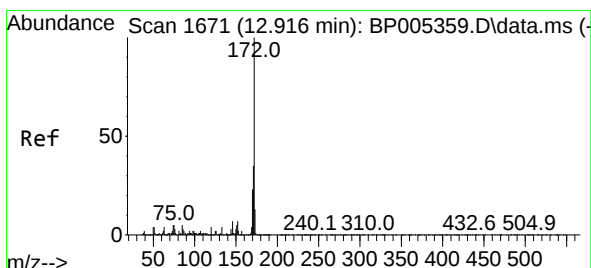
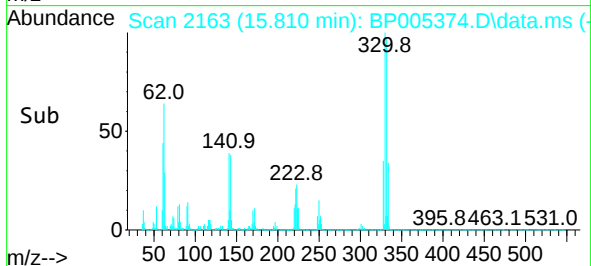
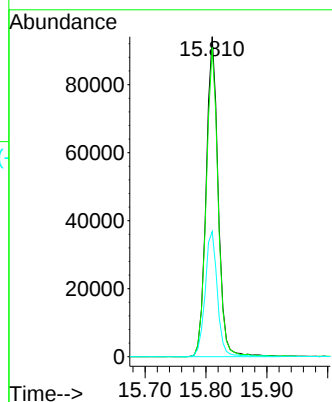
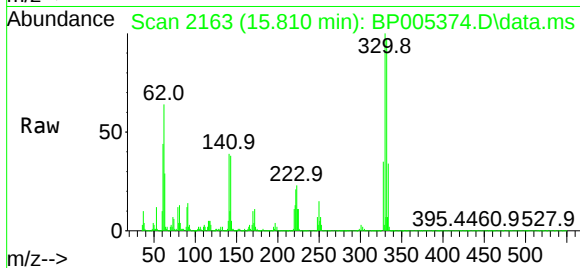




#42
2,4,6-Tribromophenol
Concen: 85.01 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

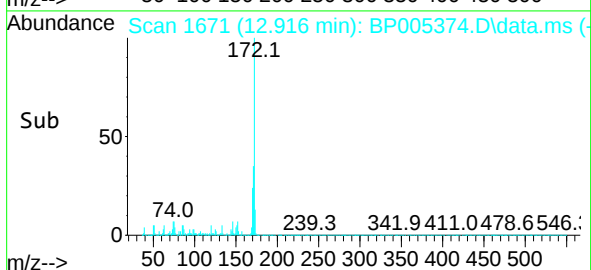
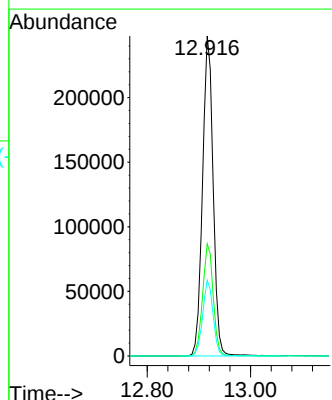
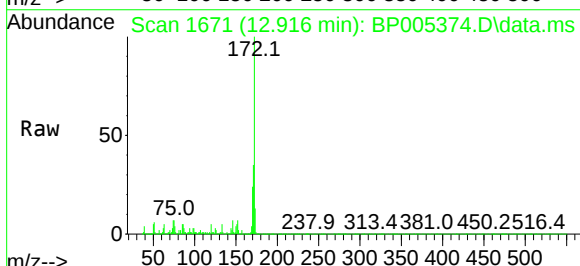
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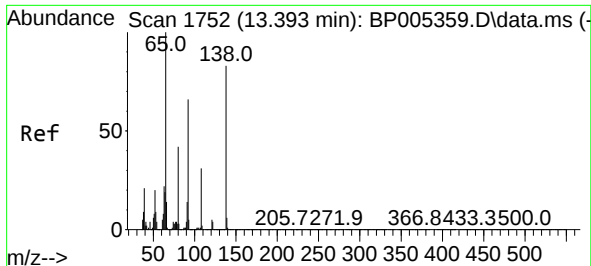
Tgt Ion:330 Resp: 129370
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 39.8 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 57.62 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:172 Resp: 354149
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 19.6 29.4

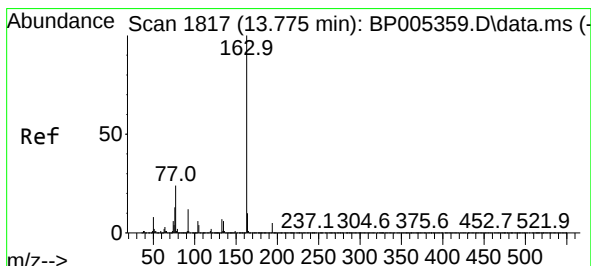
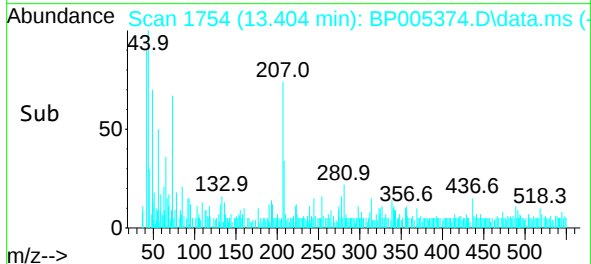
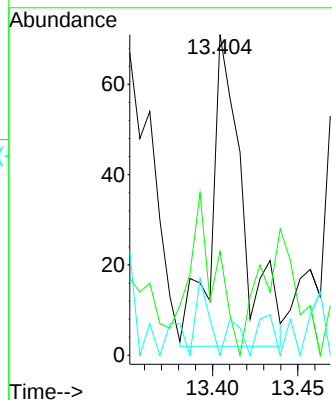
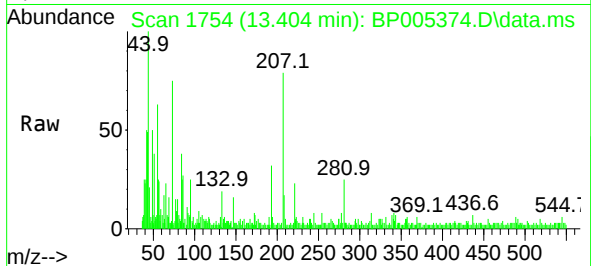




#48
2-Nitroaniline
Concen: 5.50 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.011 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

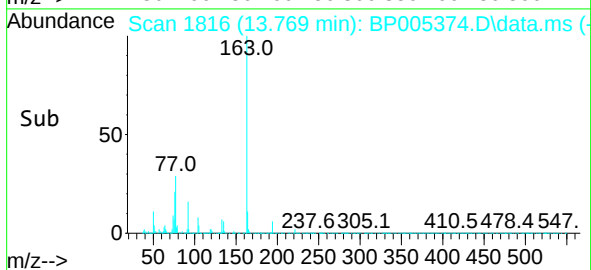
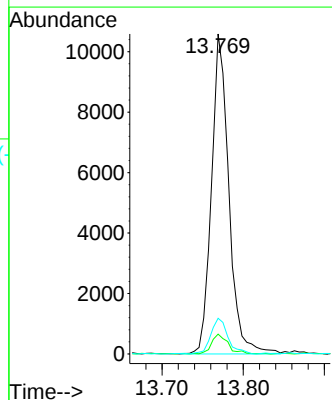
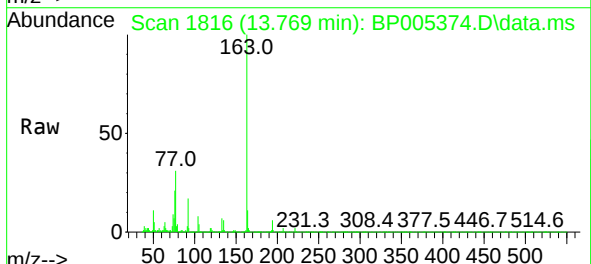
Instrument :
BNA_P
ClientSampleID :
RB44882RT

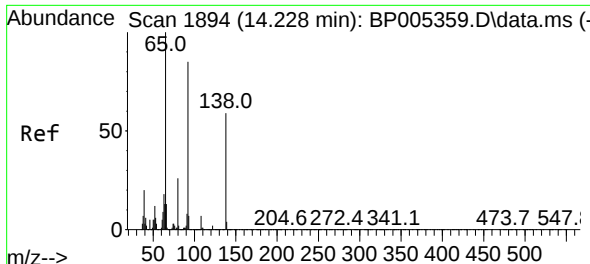
Tgt Ion: 65 Resp: 89
Ion Ratio Lower Upper
65 100
92 32.4 48.8 73.2#
138 15.5 69.5 104.3#



#50
Dimethylphthalate
Concen: 2.73 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:163 Resp: 15752
Ion Ratio Lower Upper
163 100
194 6.2 3.9 5.9#
164 11.2 8.1 12.1

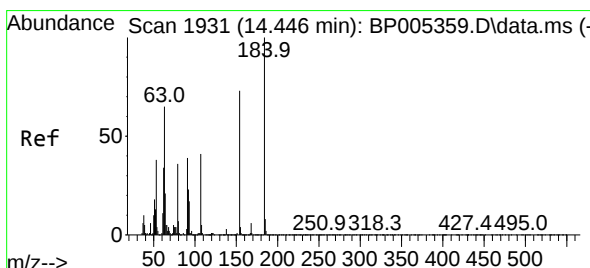
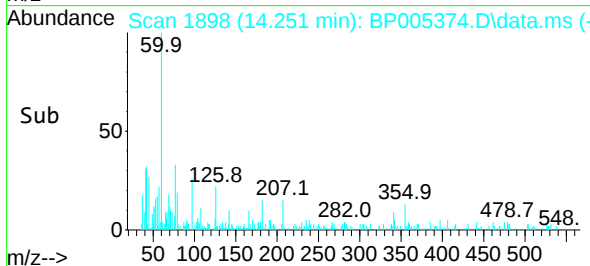
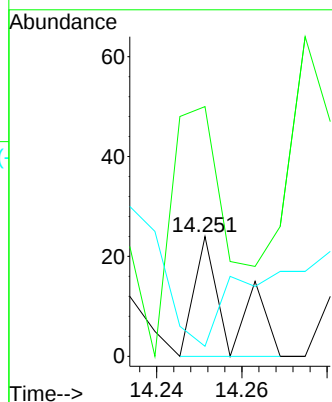
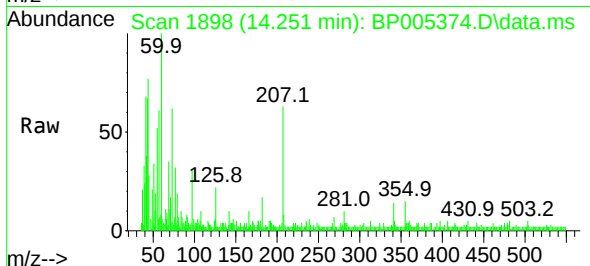




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.023 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

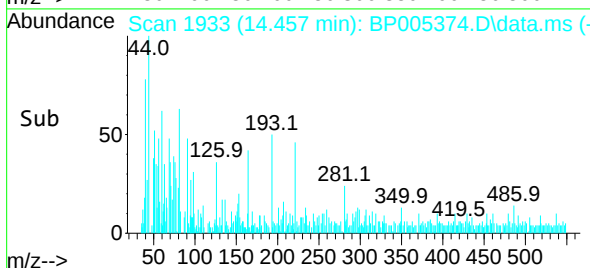
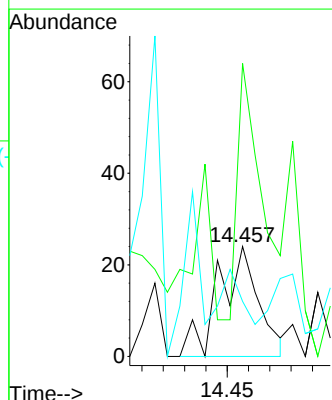
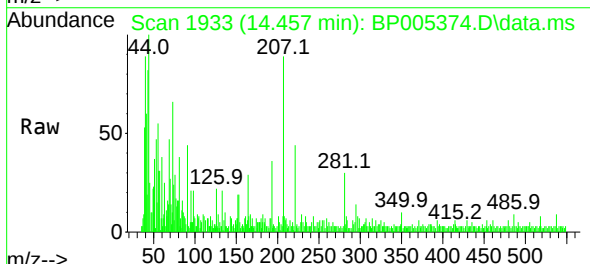
Instrument :
BNA_P
ClientSampled :
RB44882RT

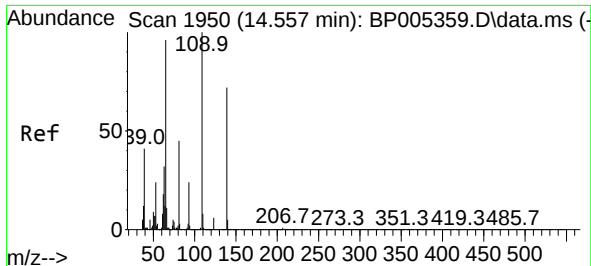
Tgt Ion:138 Resp: 14
Ion Ratio Lower Upper
138 100
108 208.3 10.2 15.4#
92 8.3 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.011 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 266.7 51.2 76.8#
154 50.0 55.8 83.8#

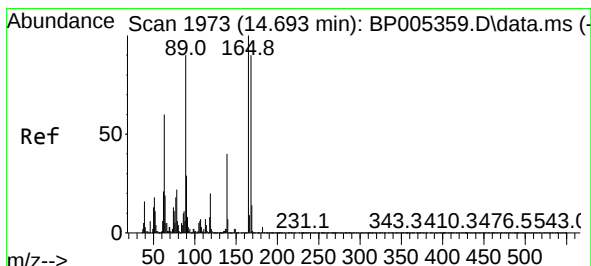
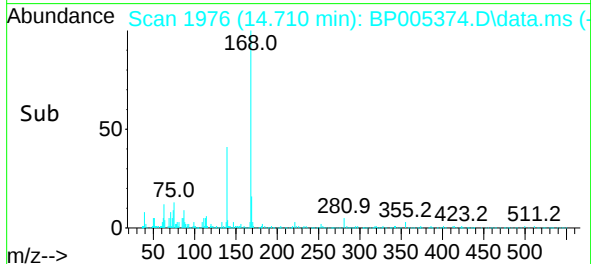
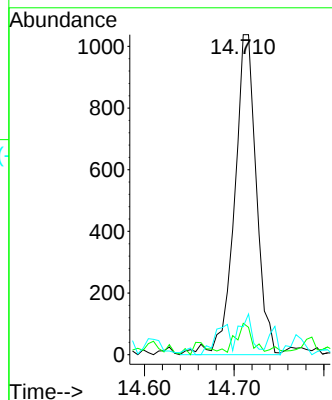
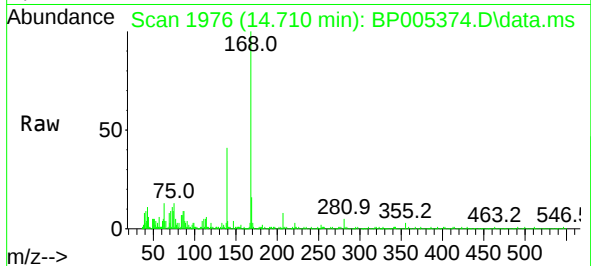




#56
4-Nitrophenol
Concen: 7.03 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.153 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

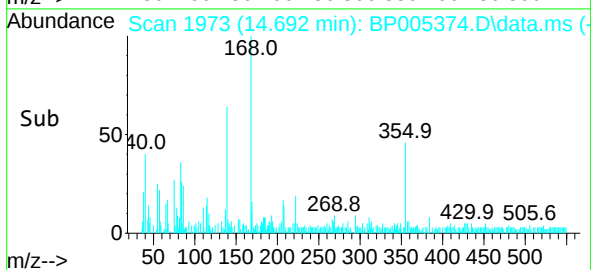
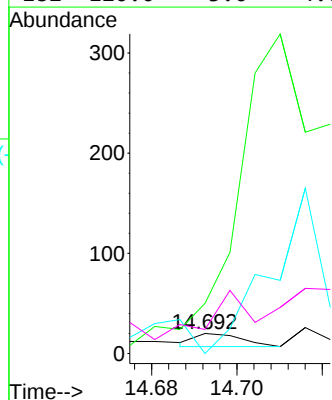
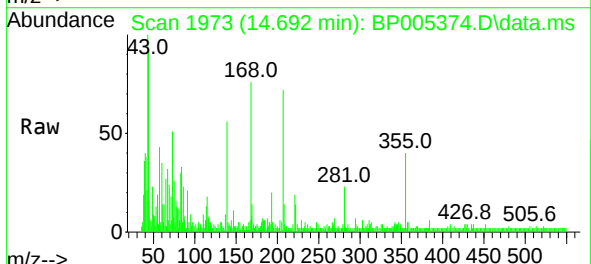
Instrument :
BNA_P
ClientSampleId :
RB44882RT

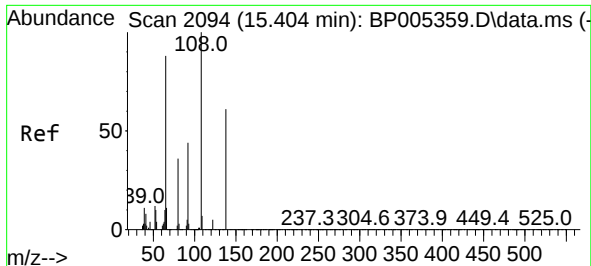
Tgt Ion:139 Resp: 1756
Ion Ratio Lower Upper
139 100
109 9.8 122.8 162.8#
65 8.8 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.11 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:165 Resp: 10
Ion Ratio Lower Upper
165 100
63 250.0 56.7 85.1#
89 0.0 85.8 128.6#
182 120.0 3.0 4.6#

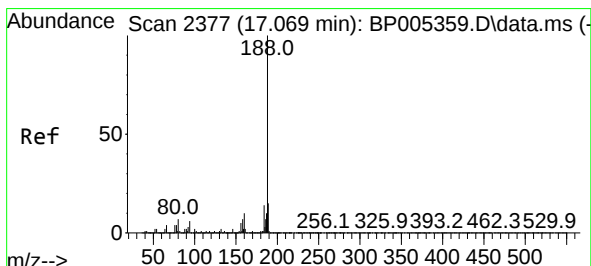
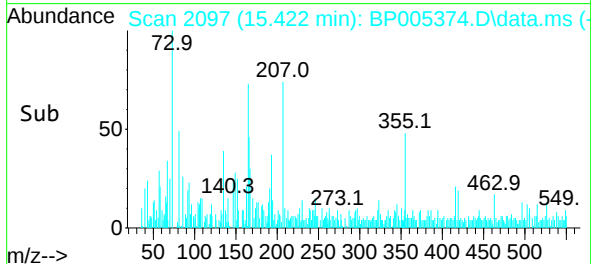
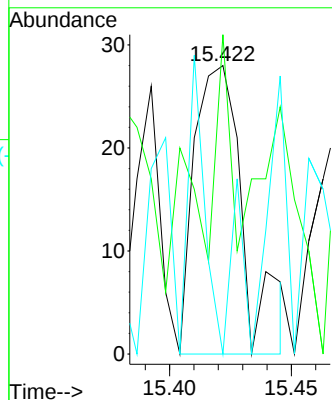
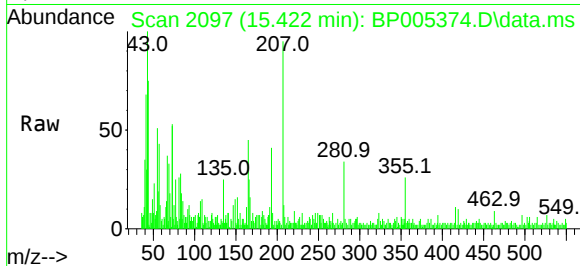




#62
4-Nitroaniline
Concen: 3.85 ng
RT: 15.422 min Scan# 2097
Delta R.T. 0.018 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

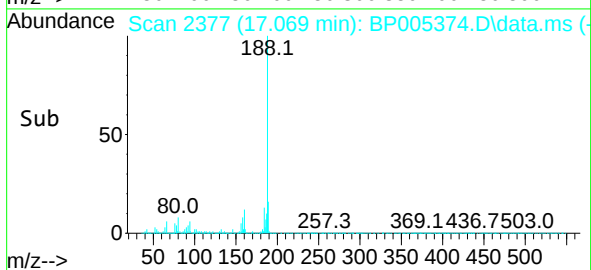
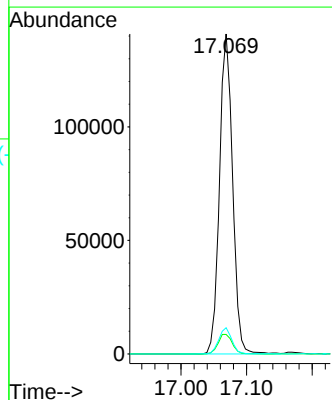
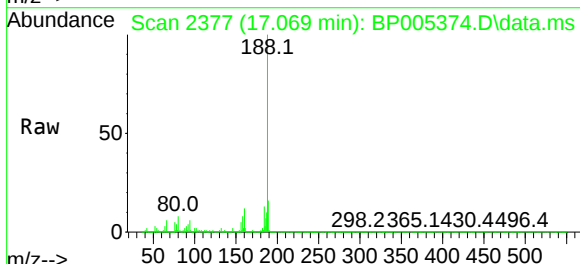
Instrument :
BNA_P
ClientSampled :
RB44882RT

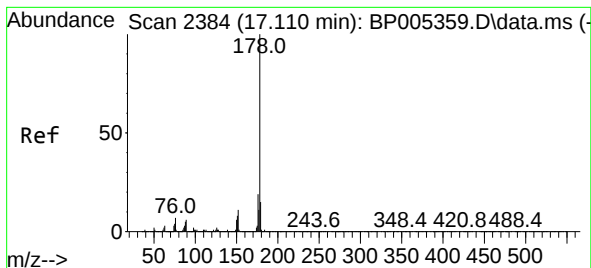
Tgt Ion:138 Resp: 40
Ion Ratio Lower Upper
138 100
92 110.7 50.9 90.9#
108 0.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:188 Resp: 194623
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.6
80 8.2 5.9 8.9

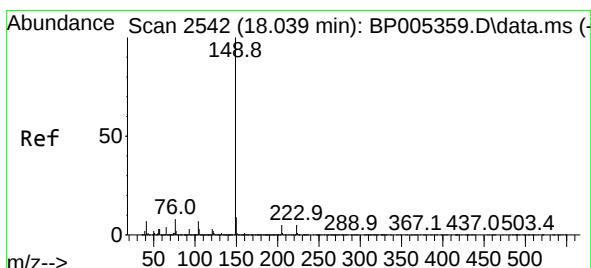
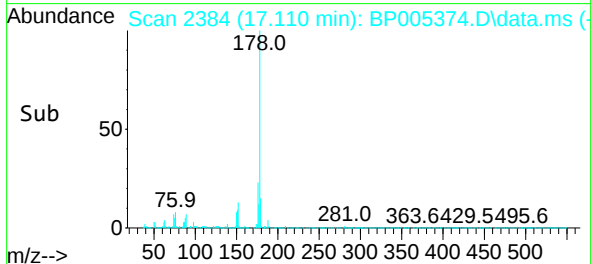
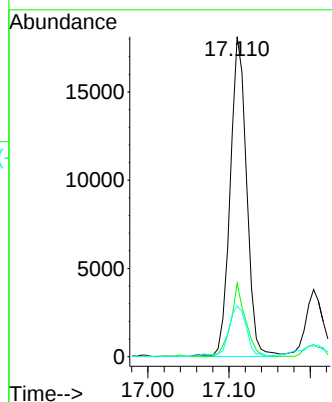
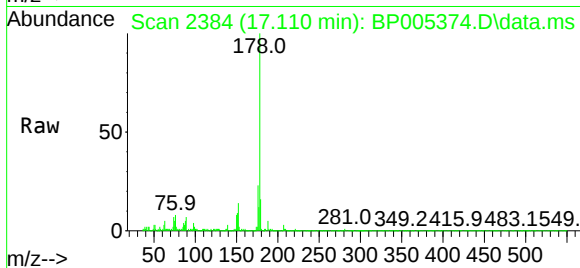




#71
Phenanthrene
Concen: 2.46 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

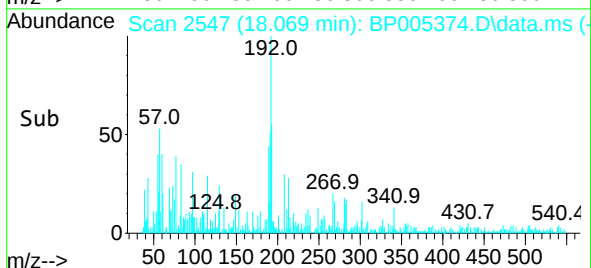
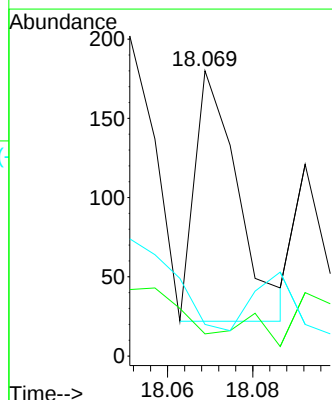
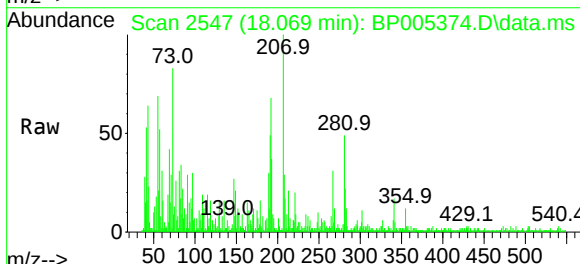
Instrument :
BNA_P
ClientSampleID :
RB44882RT

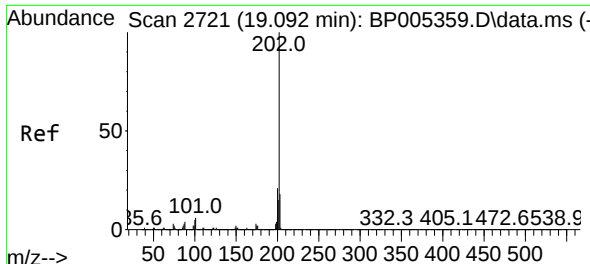
Tgt Ion:	178	Resp:	25480
Ion Ratio	Lower	Upper	
178	100		
176	22.9	15.4	23.2
179	15.9	12.3	18.5



#74
Di-n-butylphthalate
Concen: 3.96 ng
RT: 18.069 min Scan# 2547
Delta R.T. 0.030 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:	149	Resp:	112
Ion Ratio	Lower	Upper	
149	100		
150	7.8	7.6	11.4
104	11.1	8.9	13.3

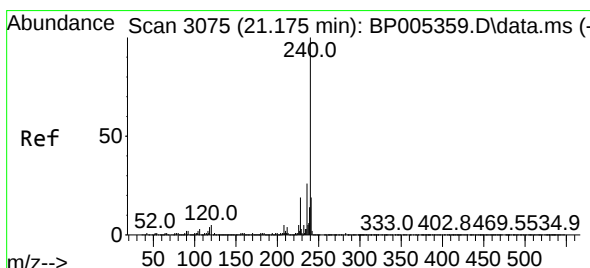
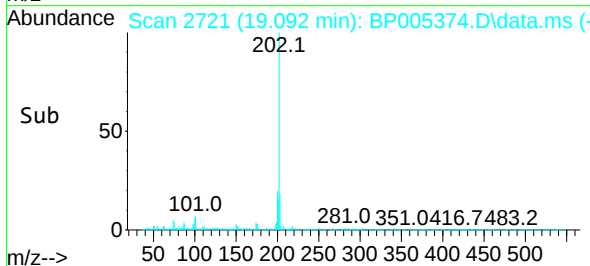
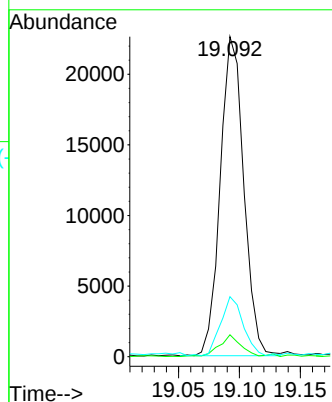
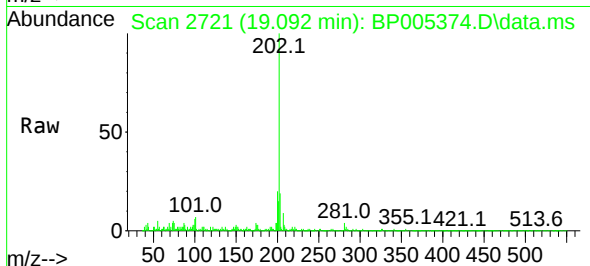




#75
Fluoranthene
Concen: 2.13 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

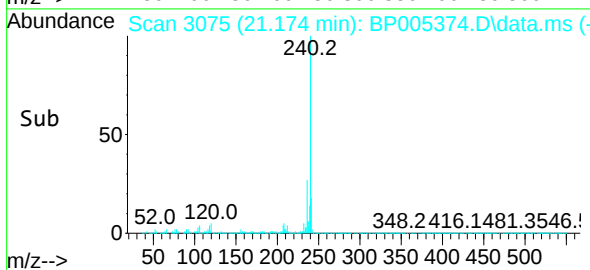
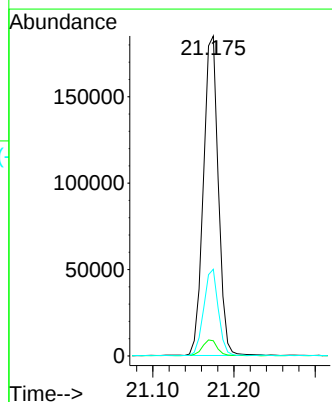
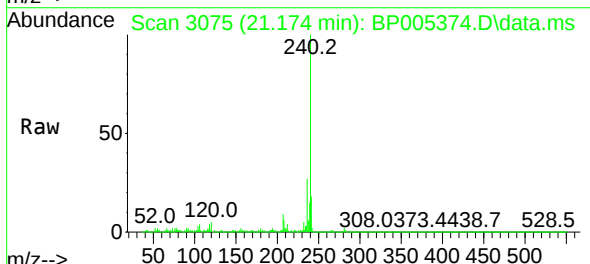
Instrument :
BNA_P
ClientSampleId :
RB44882RT

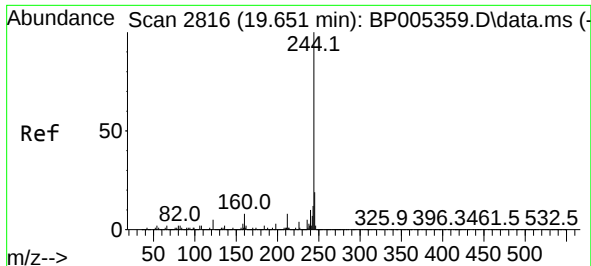
Tgt Ion:202	Resp:	30380
Ion Ratio	Lower	Upper
202	100	
101	6.8	0.0 26.1
203	18.8	0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Tgt Ion:240	Resp:	235321
Ion Ratio	Lower	Upper
240	100	
120	4.8	4.2 6.2
236	27.1	20.2 30.2



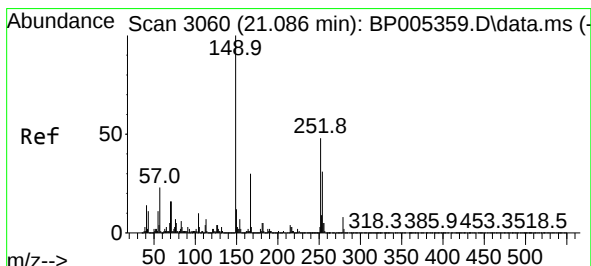
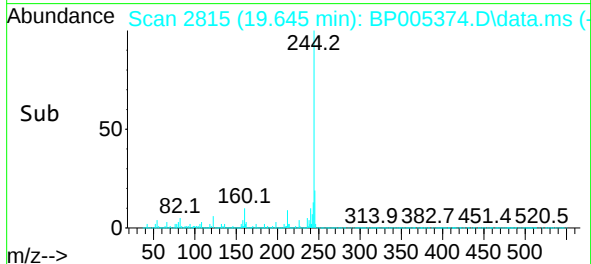
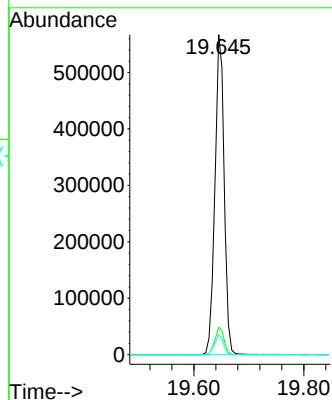
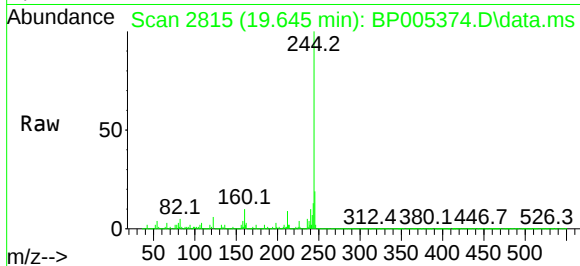


#79
 Terphenyl-d14
 Concen: 52.08 ng
 RT: 19.645 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BP005374.D
 Acq: 22 Apr 2021 14:17

Instrument :
 BNA_P
 ClientSampleId :
 RB44882RT

Tgt Ion:244 Resp: 661334

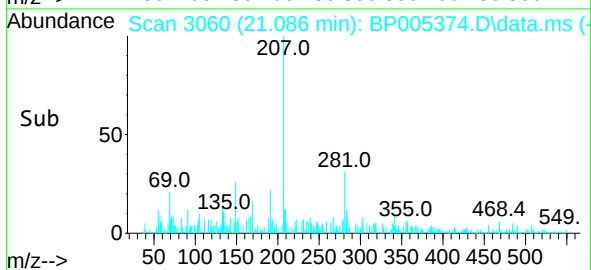
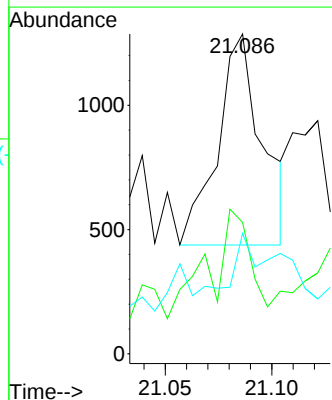
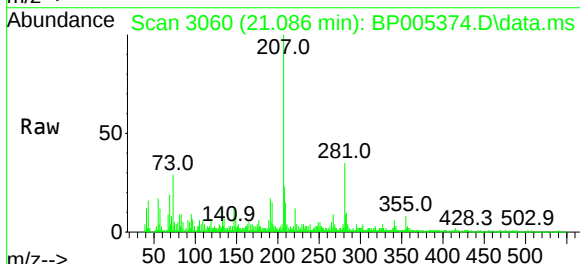
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	6.2	5.2	7.8

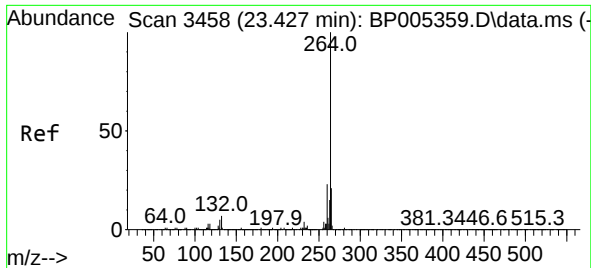


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.19 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BP005374.D
 Acq: 22 Apr 2021 14:17

Tgt Ion:149 Resp: 1227

Ion	Ratio	Lower	Upper
149	100		
167	41.1	23.8	35.8#
279	37.7	5.7	8.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005374.D
Acq: 22 Apr 2021 14:17

Instrument :
BNA_P
ClientSampleId :
RB44882RT

Tgt Ion:264 Resp: 249147
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 22.4 19.0 28.6

