

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006161.D
 Acq On : 09 Jul 2021 15:15
 Operator : CG/JU
 Sample : M2990-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

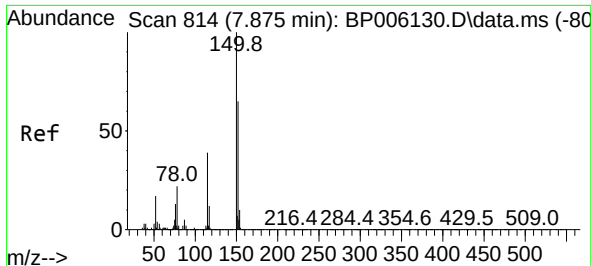
Instrument :
 BNA_P
 ClientSampleId :
 TP-J

Quant Time: Jul 09 16:10:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	179515	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	705043	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	400268	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	785059	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	748958	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	870196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1118644	107.221	ng	0.00
7) Phenol-d6	7.058	99	1321117	95.733	ng	0.00
23) Nitrobenzene-d5	9.040	82	748865	67.091	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	503179	105.589	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1748158	64.566	ng	0.00
79) Terphenyl-d14	19.816	244	2812556	74.040	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	1219	7.051	ng	84
41) Hexachlorocyclopentadiene	12.681	237	64	8.746	ng	89
54) 2,4-Dinitrophenol	14.651	184	106	8.907	ng	# 1
56) 4-Nitrophenol	14.757	139	163	7.154	ng	90
62) 4-Nitroaniline	15.551	138	189	2.985	ng	90
63) Azobenzene	15.869	77	225708	9.159	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.657	198	125	4.441	ng	# 1
80) Butylbenzylphthalate	20.516	149	93401	3.720	ng	# 32
84) Bis(2-ethylhexyl)phtha...	21.116	149	953416	25.725	ng	# 54

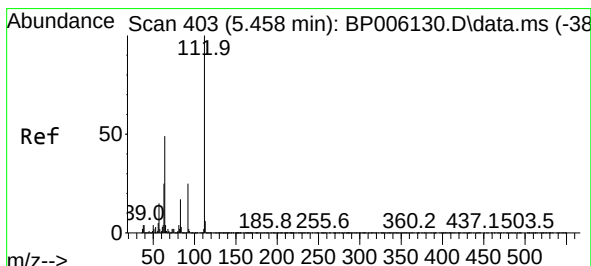
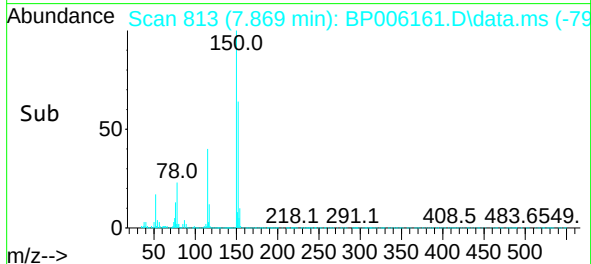
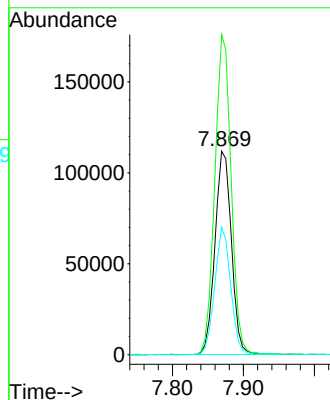
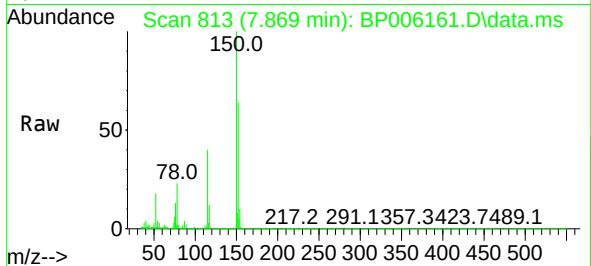
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006161.D
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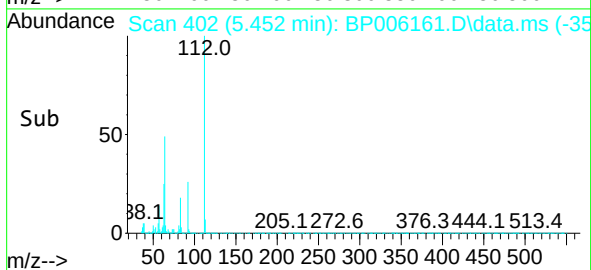
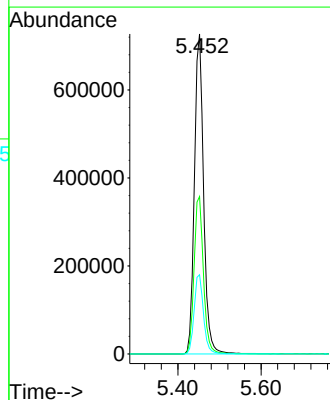
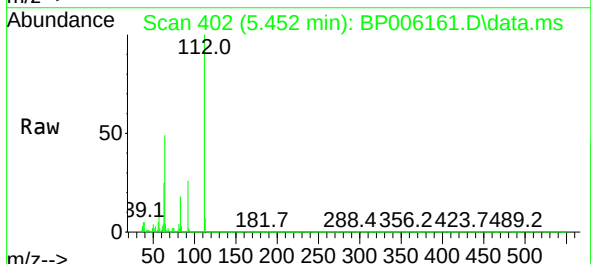
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BNA_P
ClientSampleId :
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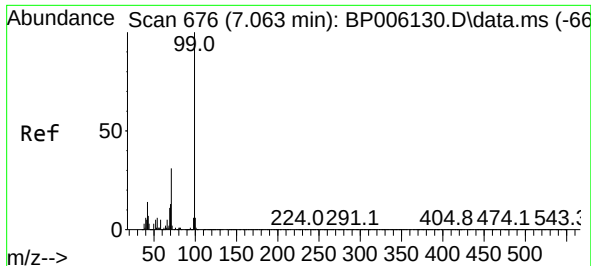
Tgt Ion:152 Resp: 179515
Ion Ratio Lower Upper
152 100
150 157.2 125.6 188.4
115 62.7 48.5 72.7



#5
2-Fluorophenol
Concen: 107.221 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion:112 Resp: 1118644
Ion Ratio Lower Upper
112 100
64 49.2 41.4 62.2
63 24.7 23.8 35.8

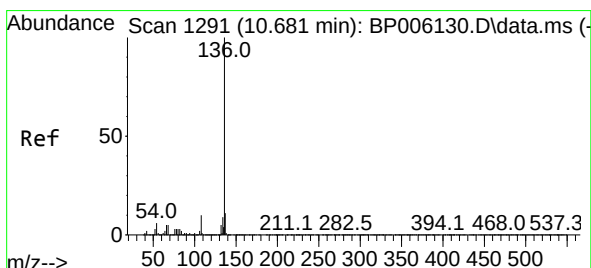
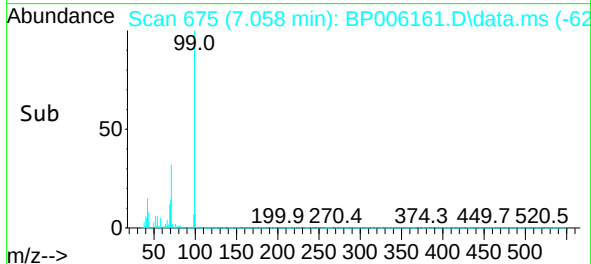
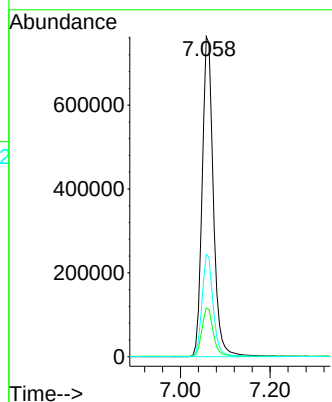
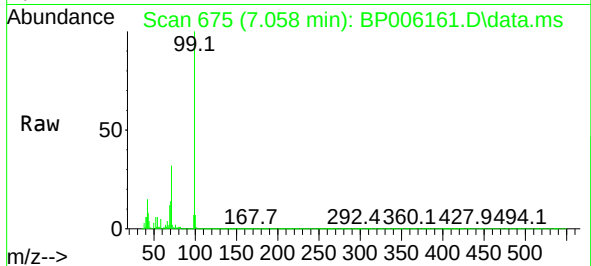




#7
Phenol-d6
Concen: 95.733 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

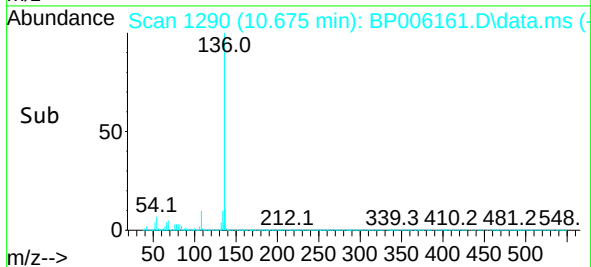
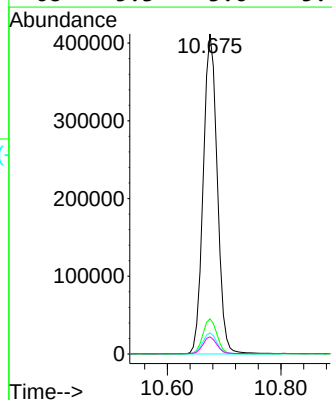
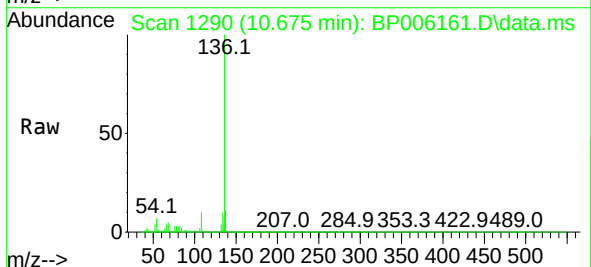
Instrument :
BNA_P
ClientSampled :
TP-J

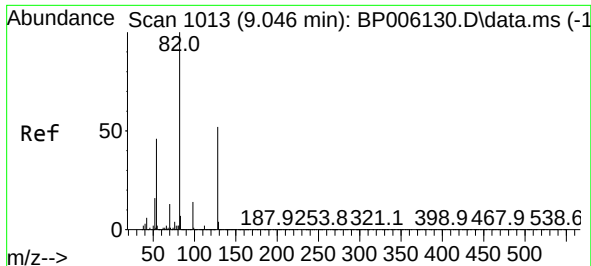
Tgt Ion: 99 Resp: 1321117
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 31.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion: 136 Resp: 705043
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 4.6 6.8
68 5.3 3.6 5.4

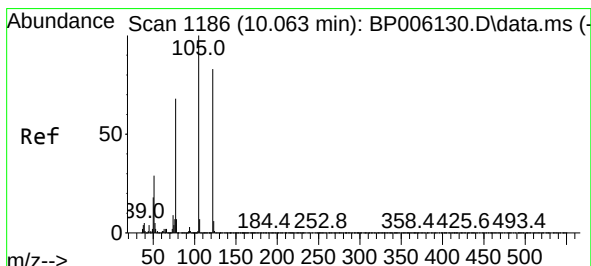
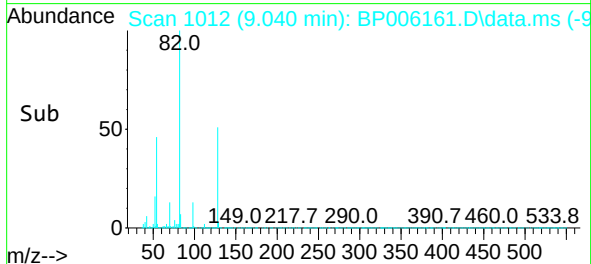
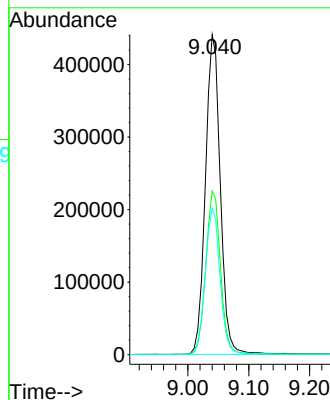
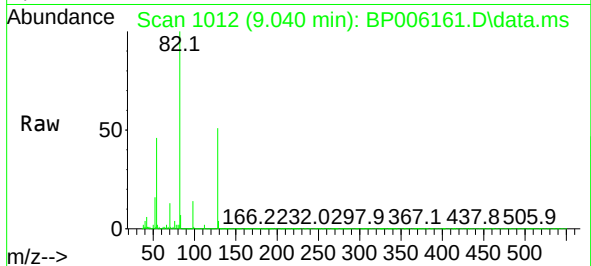




#23
Nitrobenzene-d5
Concen: 67.091 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

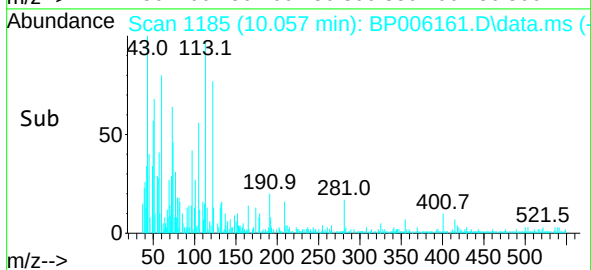
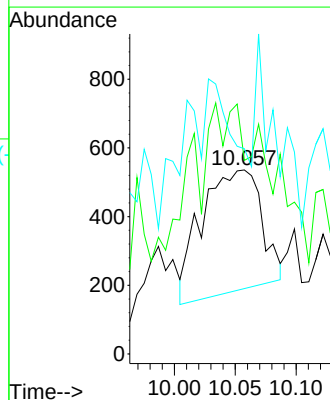
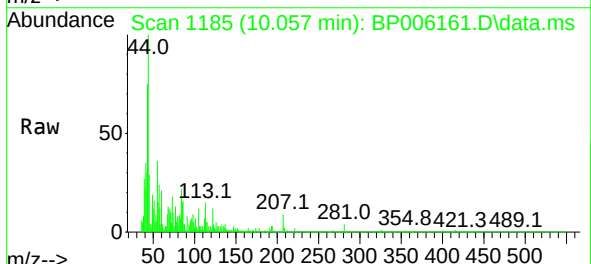
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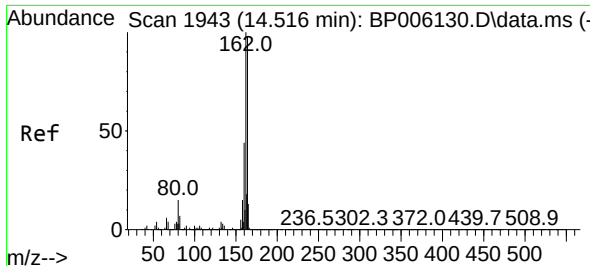
Tgt Ion: 82 Resp: 748865
Ion Ratio Lower Upper
82 100
128 51.2 35.7 53.5
54 45.8 35.0 52.4



#32
Benzoic acid
Concen: 7.051 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion:122 Resp: 1219
Ion Ratio Lower Upper
122 100
105 105.2 103.2 143.2
77 111.6 76.2 116.2

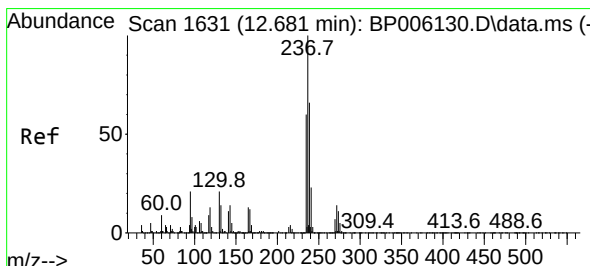
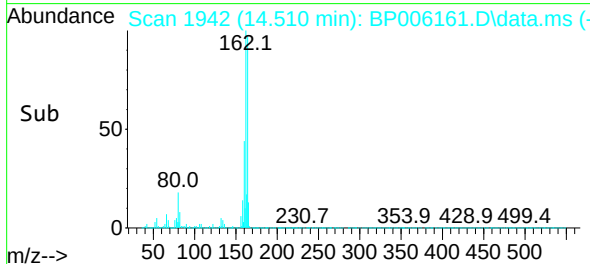
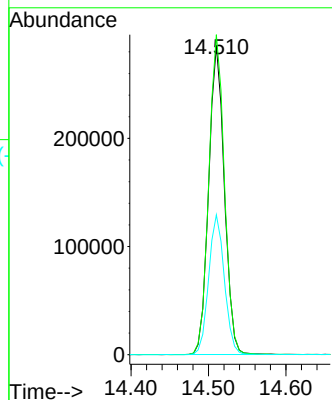
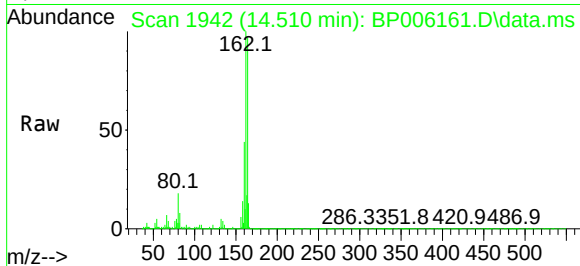




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

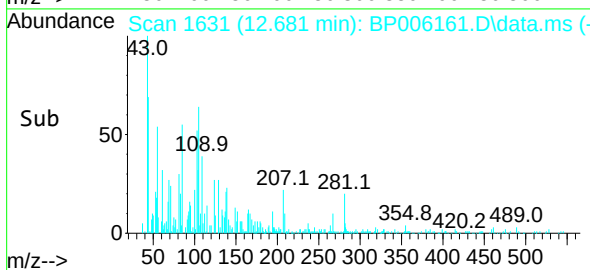
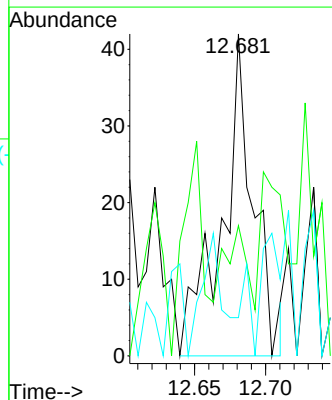
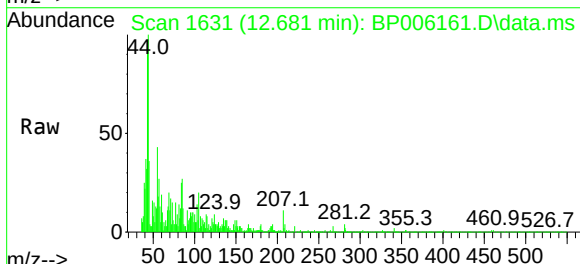
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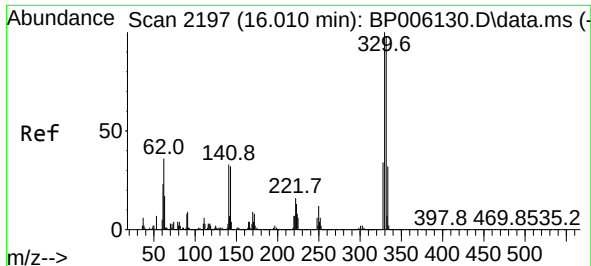
Tgt Ion:164 Resp: 400268
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 45.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.746 ng
RT: 12.681 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion:237 Resp: 64
Ion Ratio Lower Upper
237 100
235 54.8 44.5 84.5
272 11.9 0.0 32.5

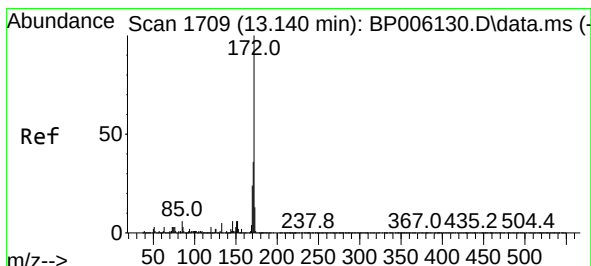
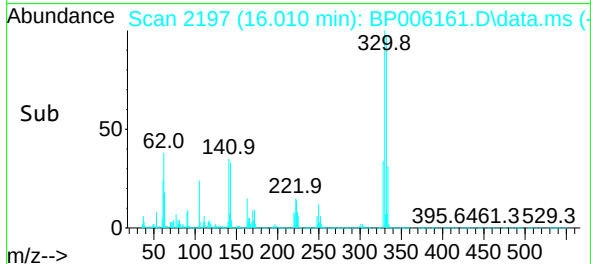
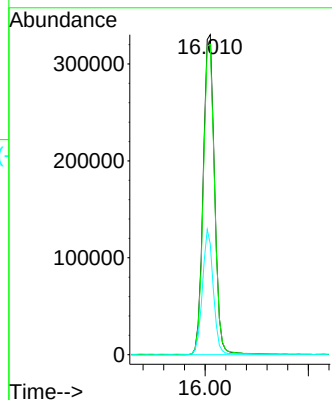
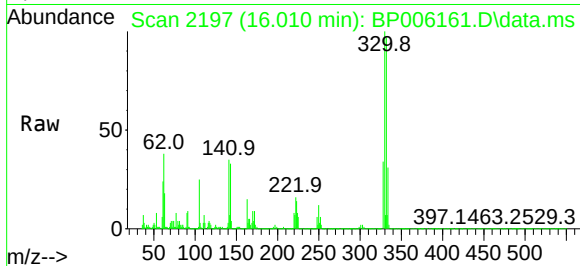




#42
2,4,6-Tribromophenol
Concen: 105.589 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

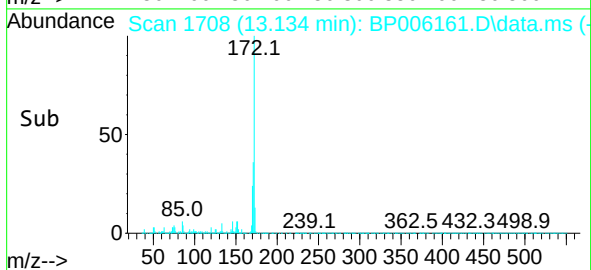
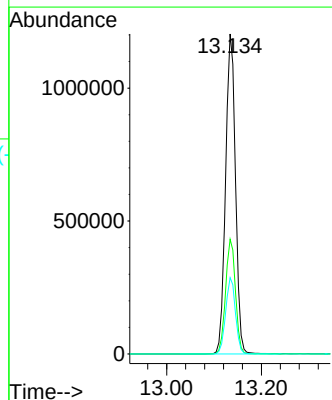
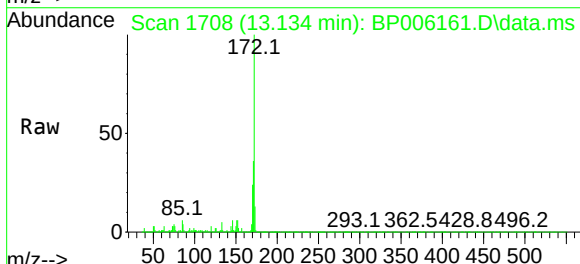
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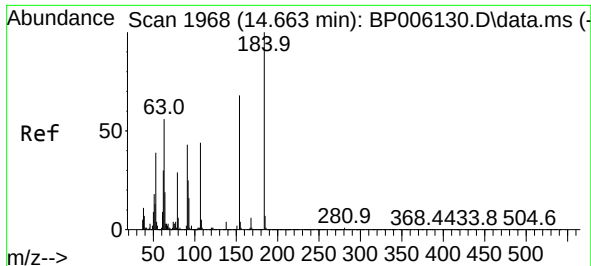
Tgt Ion:330 Resp: 503179
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 37.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.566 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion:172 Resp: 1748158
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.8 18.6 27.8

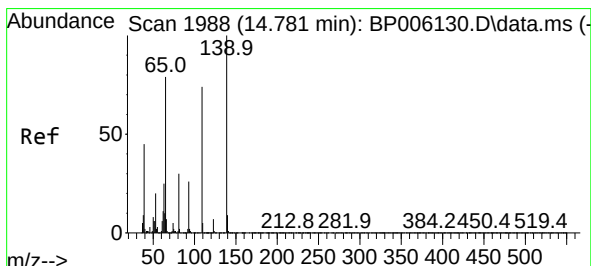
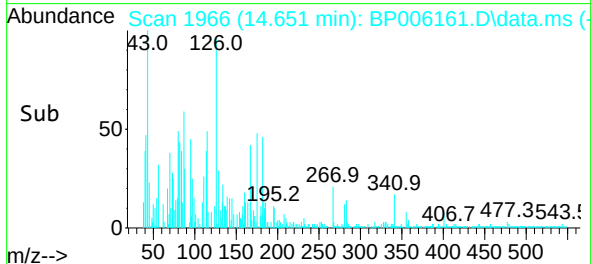
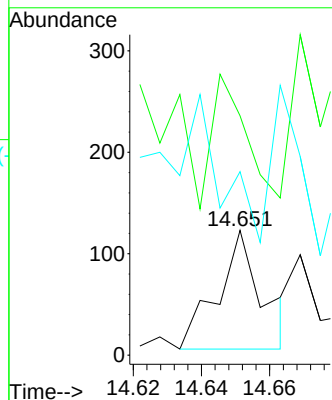
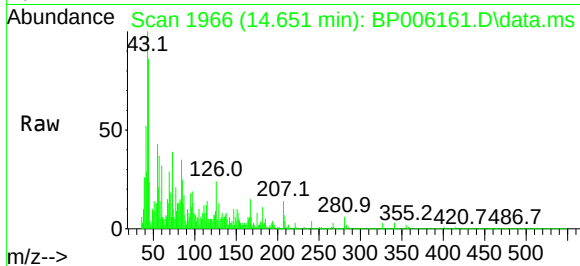




#54
2,4-Dinitrophenol
Concen: 8.907 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

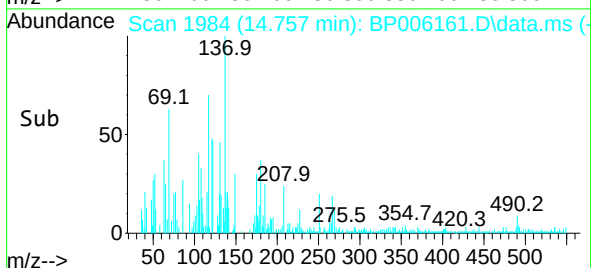
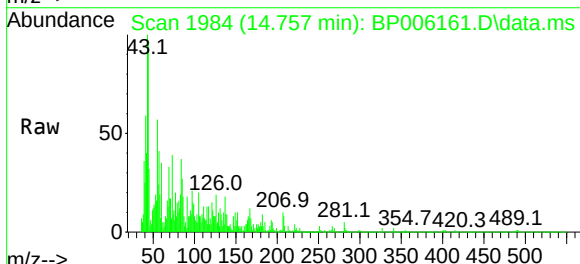
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ClientSampleId :
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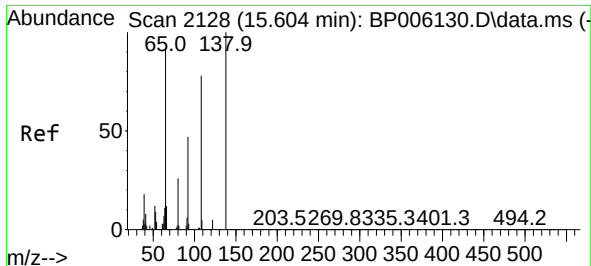
Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 191.9 47.0 70.6#
154 147.2 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.154 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.024 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion:139 Resp: 163
Ion Ratio Lower Upper
139 100
109 107.6 72.3 112.3
65 88.5 72.5 112.5

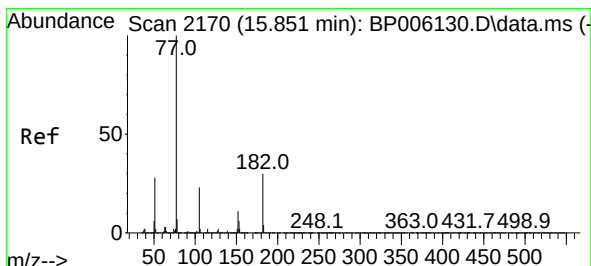
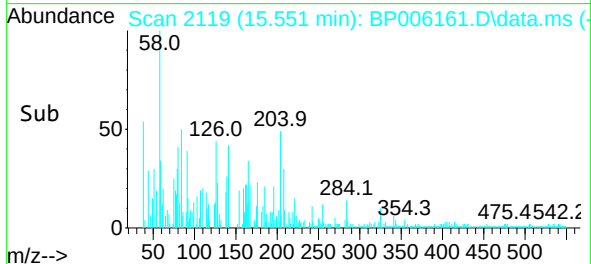
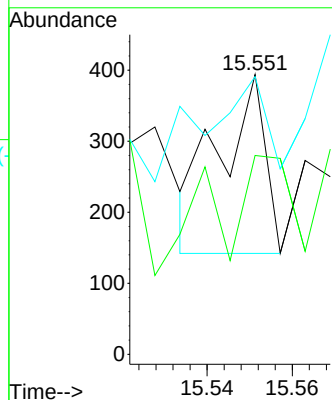
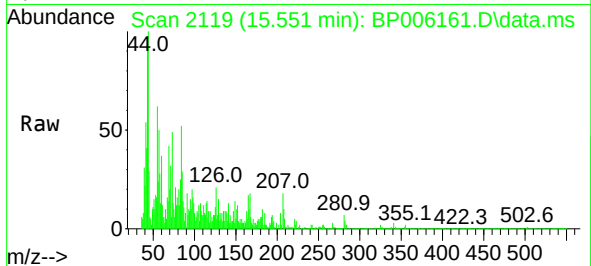




#62
4-Nitroaniline
Concen: 2.985 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.053 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

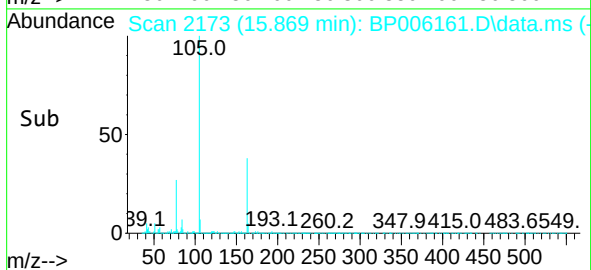
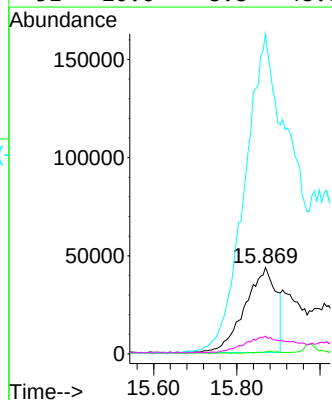
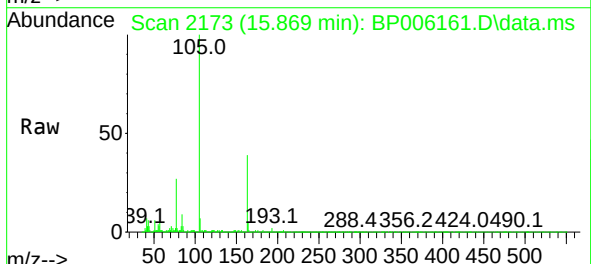
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ClientSampleId :
TP-J

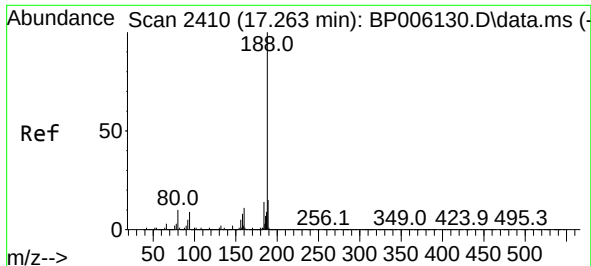
Tgt Ion:138 Resp: 189
Ion Ratio Lower Upper
138 100
92 71.1 31.2 71.2
108 99.2 78.6 118.6



#63
Azobenzene
Concen: 9.159 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.018 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion: 77 Resp: 225708
Ion Ratio Lower Upper
77 100
182 2.6 6.0 46.0#
105 369.9 0.0 38.8#
51 20.6 8.8 48.8

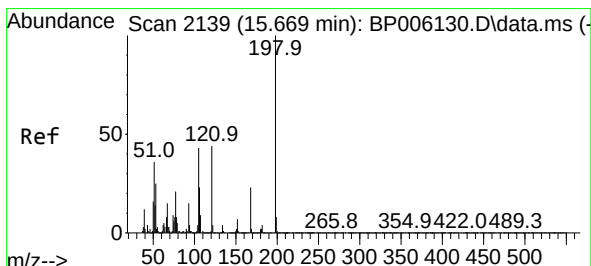
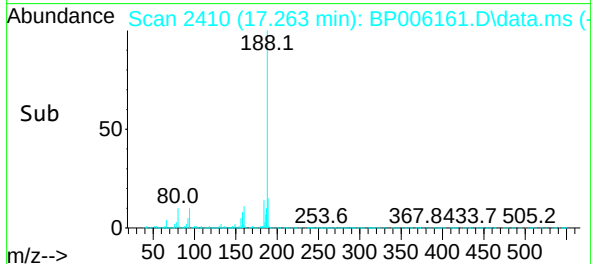
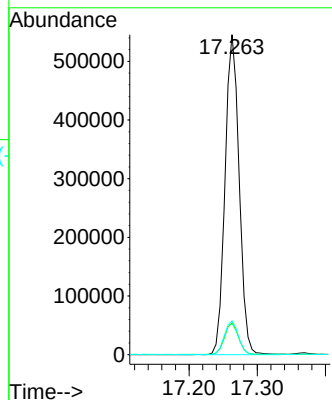
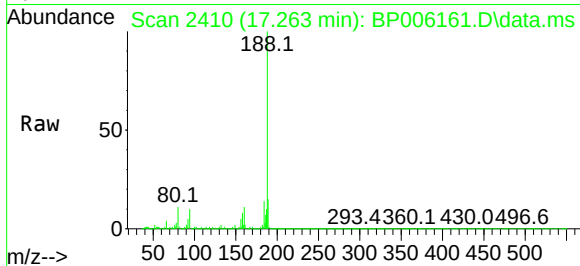




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

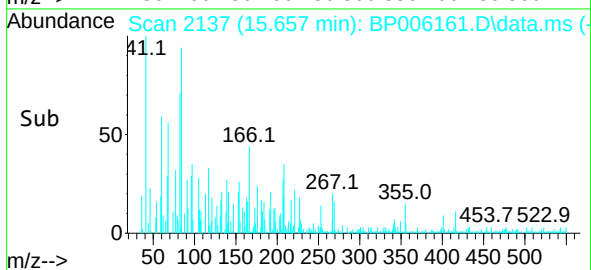
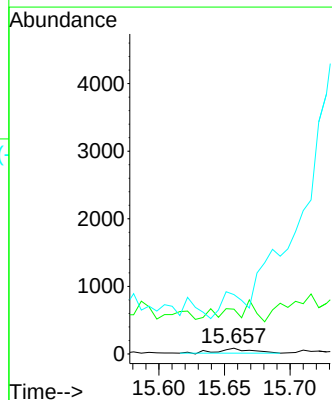
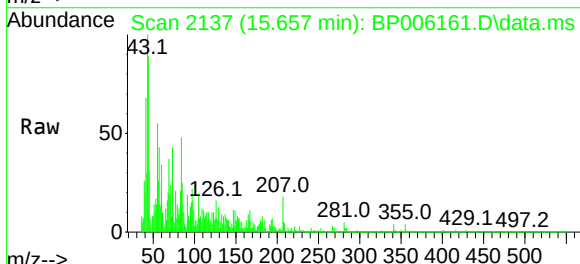
Instrument :
BNA_P
ClientSampleId :
TP-J

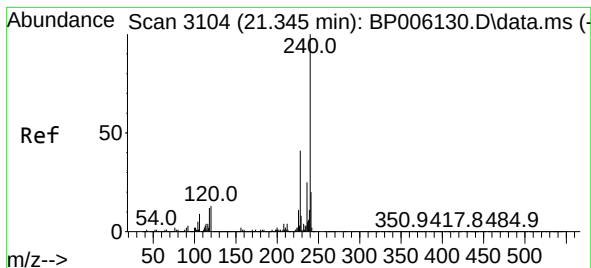
Tgt Ion:188 Resp: 785059
Ion Ratio Lower Upper
188 100
94 9.9 5.6 8.4#
80 10.5 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.441 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion:198 Resp: 125
Ion Ratio Lower Upper
198 100
51 781.2 14.0 54.0#
105 1032.9 19.5 59.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP006161.D

Acq: 09 Jul 2021 15:15

Tgt Ion:240 Resp: 748958

Ion Ratio Lower Upper

240 100

120 13.6 6.5 9.7#

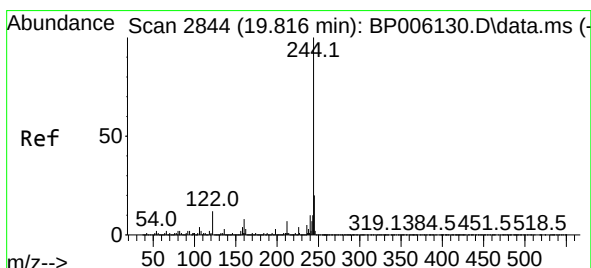
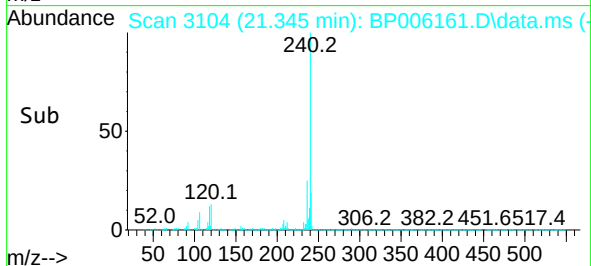
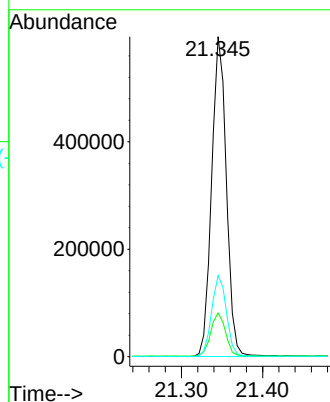
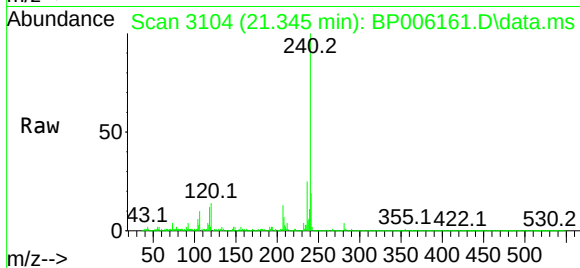
236 25.3 20.6 31.0

Instrument :

BNA_P

ClientSampleId :

TP-J



#79

Terphenyl-d14

Concen: 74.040 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BP006161.D

Acq: 09 Jul 2021 15:15

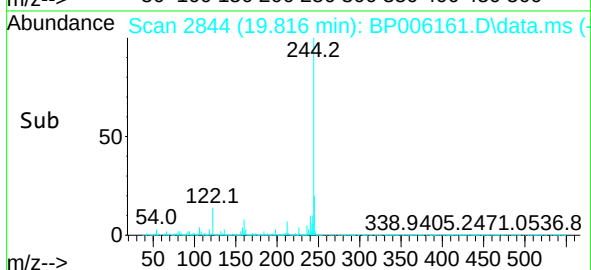
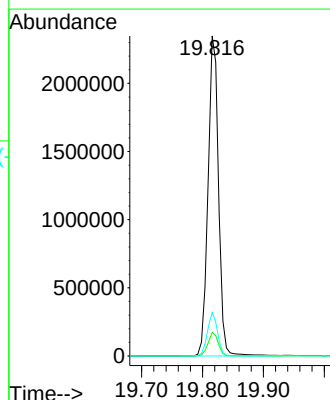
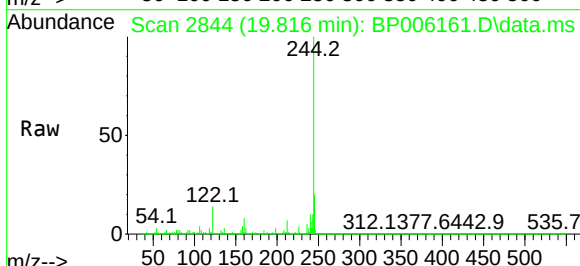
Tgt Ion:244 Resp: 2812556

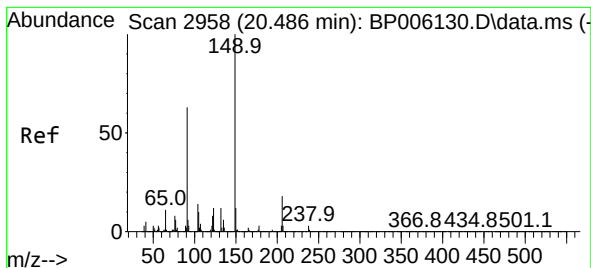
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.6 7.1 10.7#

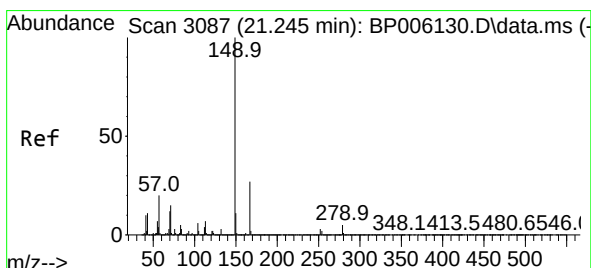
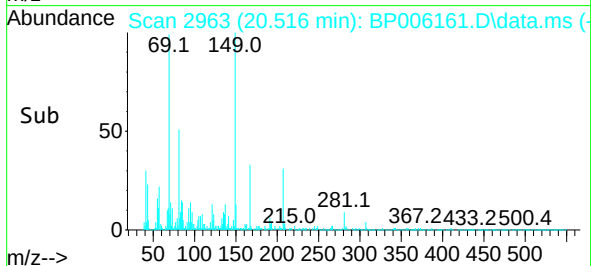
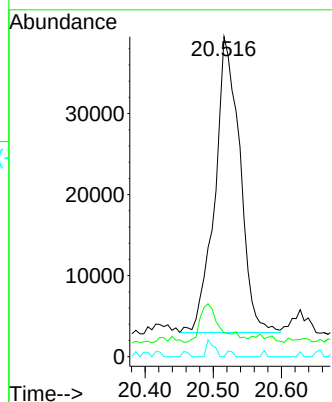
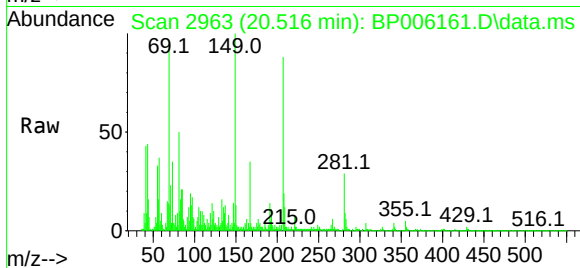




#80
Butylbenzylphthalate
Concen: 3.720 ng
RT: 20.516 min Scan# 2963
Delta R.T. 0.029 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

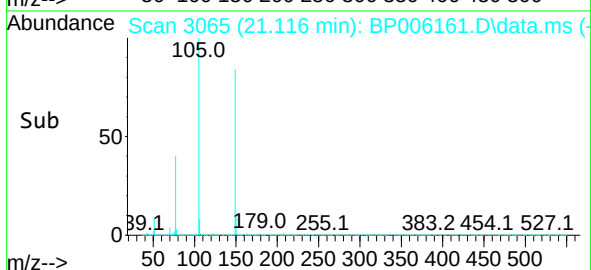
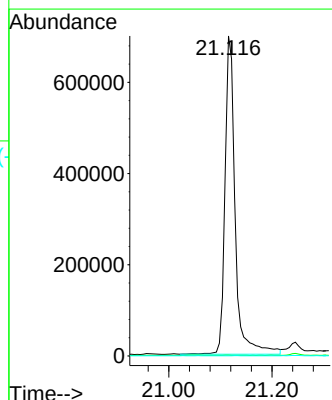
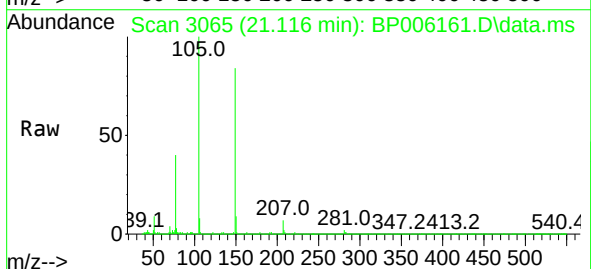
Instrument :
BNA_P
ClientSampleId :
TP-J

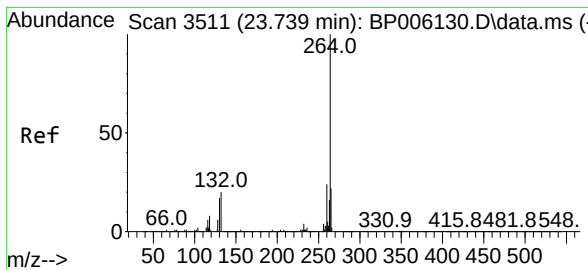
Tgt Ion	Ratio	Lower	Upper
149	100		
91	7.5	54.6	81.8#
206	0.0	16.7	25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.725 ng
RT: 21.116 min Scan# 3065
Delta R.T. -0.129 min
Lab File: BP006161.D
Acq: 09 Jul 2021 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.2	21.9	32.9#
279	0.1	4.3	6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 3512
 Delta R.T. 0.006 min
 Lab File: BP006161.D
 Acq: 09 Jul 2021 15:15

Instrument :
 BNA_P
 ClientSampleId :
 TP-J

Tgt Ion:264	Resp:	870196
Ion	Ratio	Lower Upper
264	100	
260	24.0	18.6 28.0
265	22.0	17.6 26.4

