

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006138.D
 Acq On : 08 Jul 2021 14:04
 Operator : CG/JU
 Sample : PB137554BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137554BL

Quant Time: Jul 08 14:39:26 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)

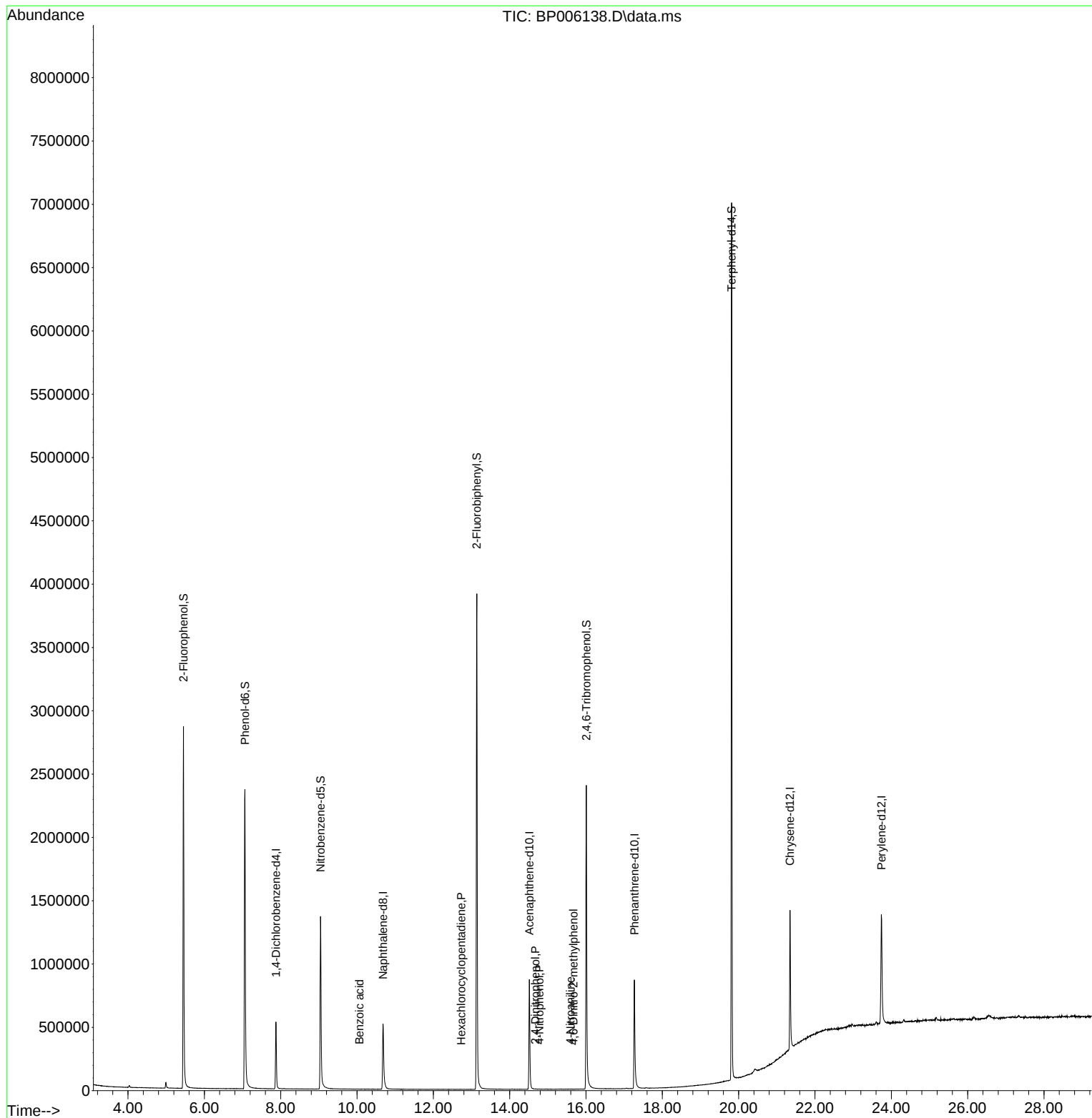
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	153450	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	585228	20.000	ng	# 0.00
39) Acenaphthene-d10	14.516	164	333301	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	621754	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	595244	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	699289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1425417	159.833	ng	0.00
7) Phenol-d6	7.063	99	1657241	140.488	ng	0.00
23) Nitrobenzene-d5	9.045	82	916009	98.867	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	522114	131.576	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	2161988	95.894	ng	0.00
79) Terphenyl-d14	19.816	244	2950184	97.719	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	17	6.905	ng	# 1
41) Hexachlorocyclopentadiene	12.734	237	16	8.711	ng	92
54) 2,4-Dinitrophenol	14.669	184	6	8.882	ng	# 1
56) 4-Nitrophenol	14.780	139	66	7.139	ng	# 41
62) 4-Nitroaniline	15.592	138	39	2.965	ng	# 47
65) 4,6-Dinitro-2-methylph...	15.675	198	23	4.424	ng	# 1

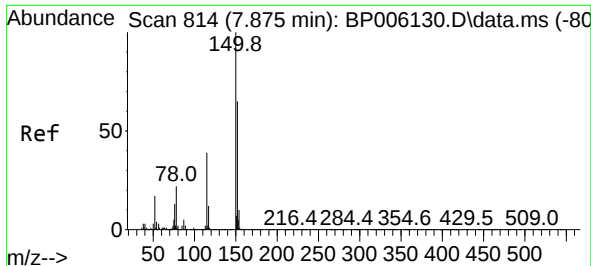
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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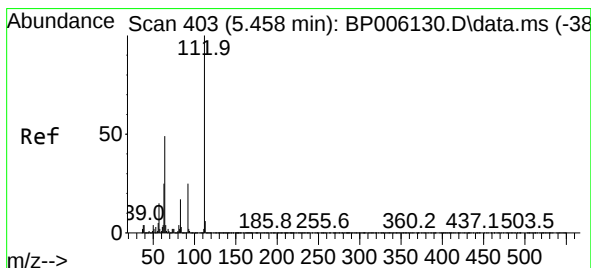
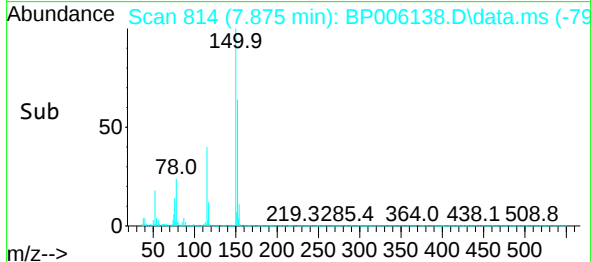
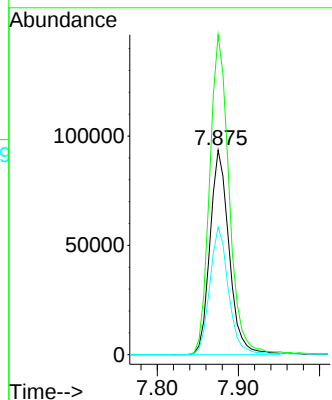
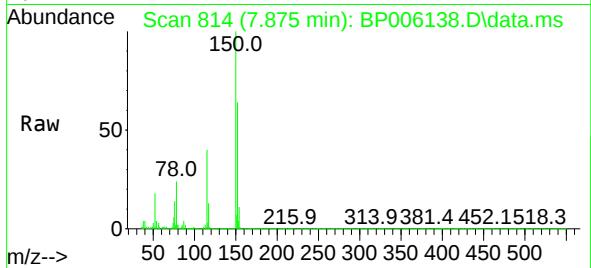




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

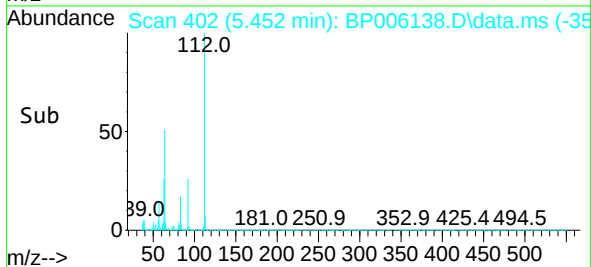
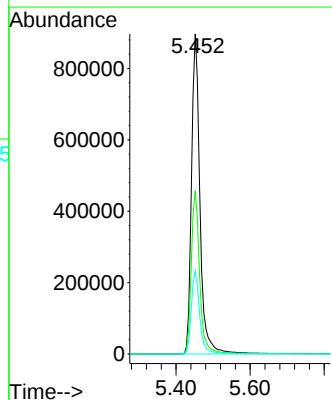
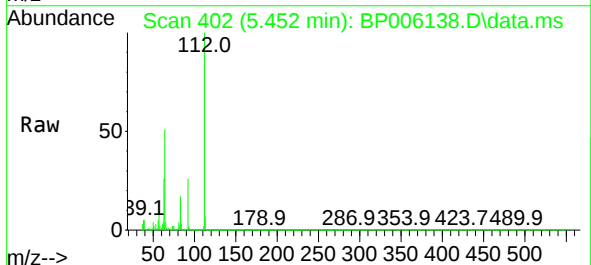
Instrument :
BNA_P
ClientSampleId :
PB137554BL

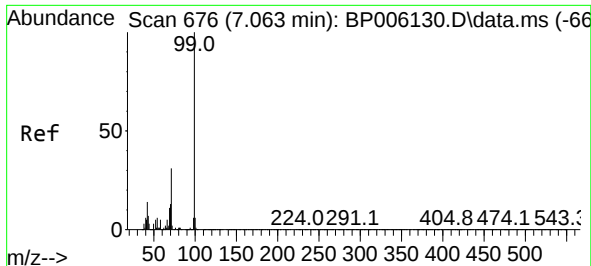
Tgt Ion:152 Resp: 153450
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 62.3 48.5 72.7



#5
2-Fluorophenol
Concen: 159.833 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:112 Resp: 1425417
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 25.9 23.8 35.8

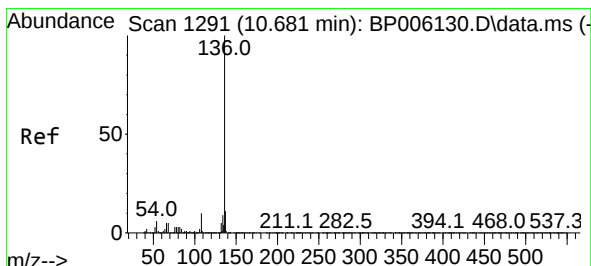
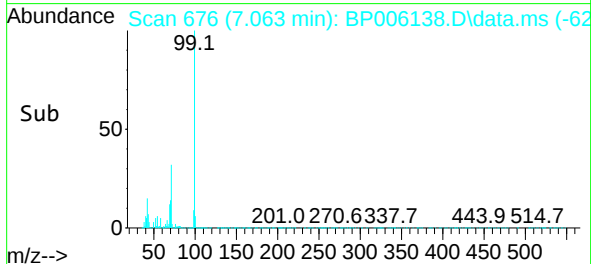
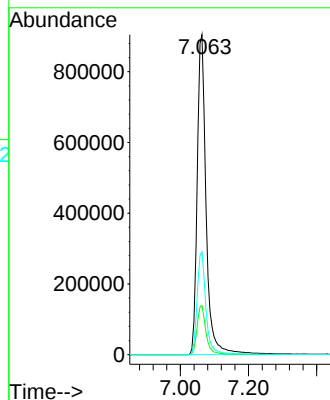
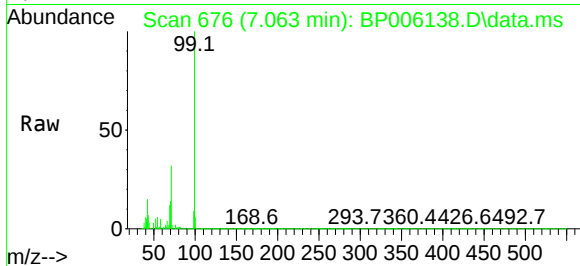




#7
Phenol-d6
Concen: 140.488 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

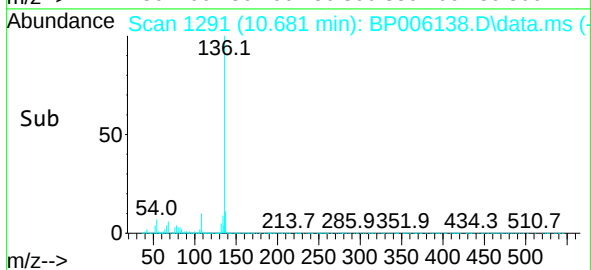
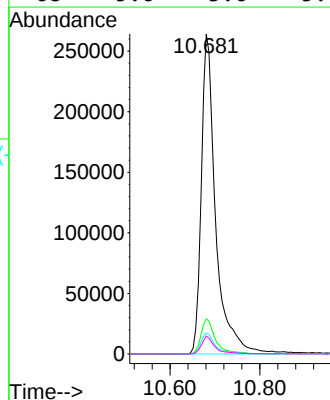
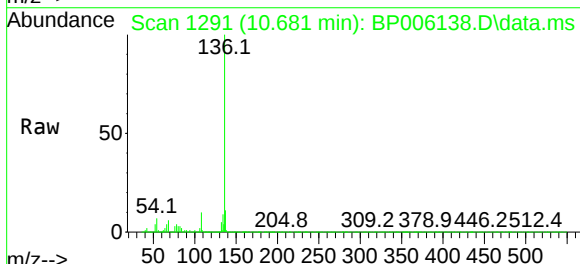
Instrument :
BNA_P
ClientSampleId :
PB137554BL

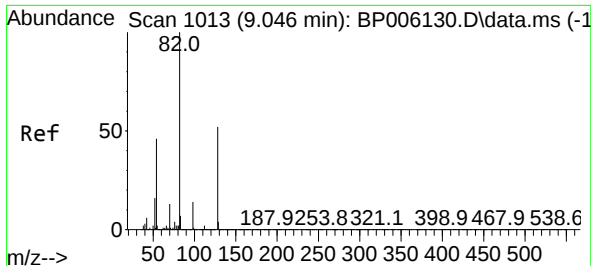
Tgt Ion: 99 Resp: 1657241
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 32.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion: 136 Resp: 585228
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 4.6 6.8
68 5.6 3.6 5.4#

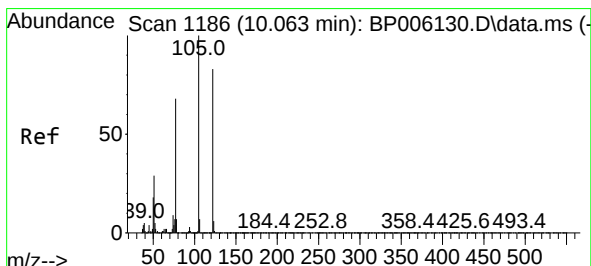
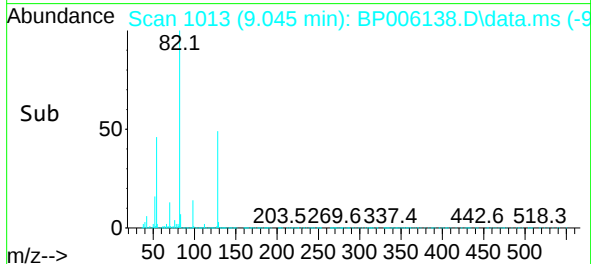
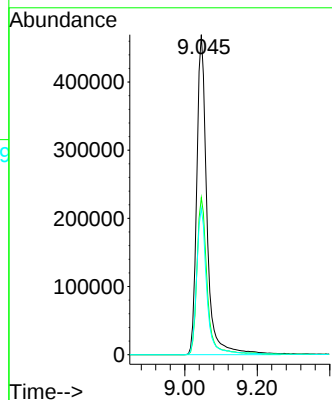
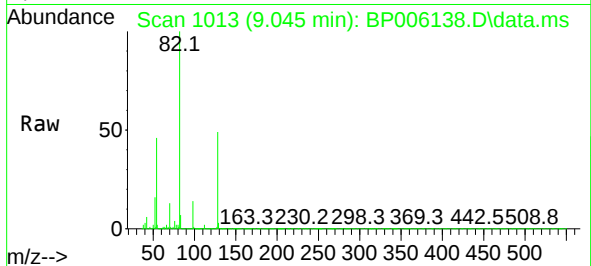




#23
Nitrobenzene-d5
Concen: 98.867 ng
RT: 9.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

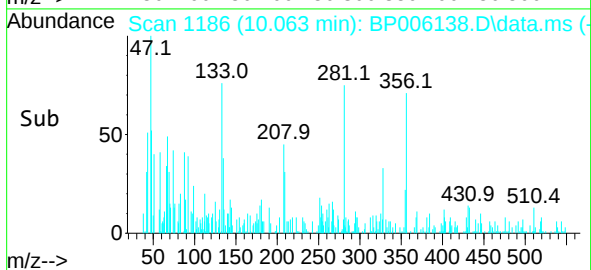
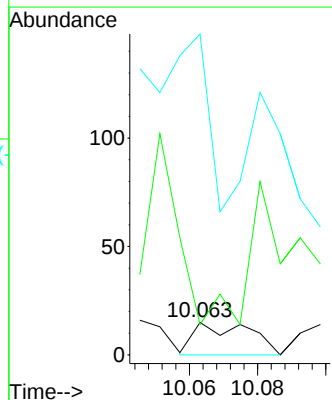
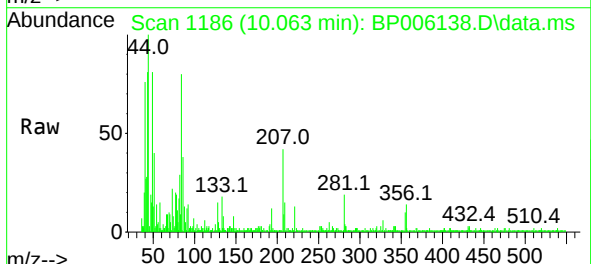
Instrument :
BNA_P
ClientSampleId :
PB137554BL

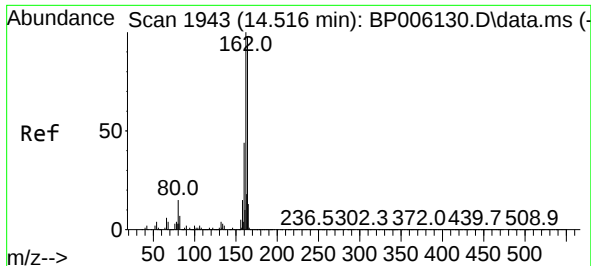
Tgt Ion: 82 Resp: 916009
Ion Ratio Lower Upper
82 100
128 49.0 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 6.905 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:122 Resp: 17
Ion Ratio Lower Upper
122 100
105 93.3 103.2 143.2#
77 986.7 76.2 116.2#

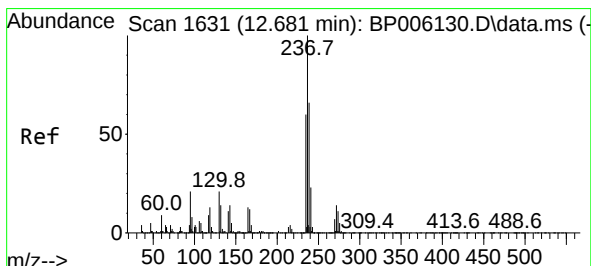
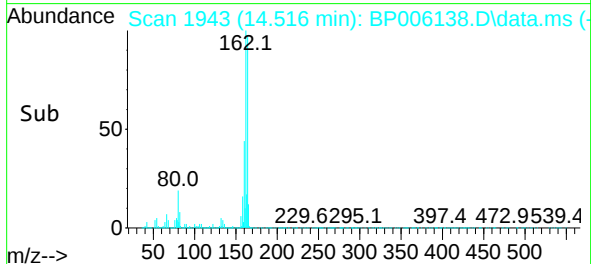
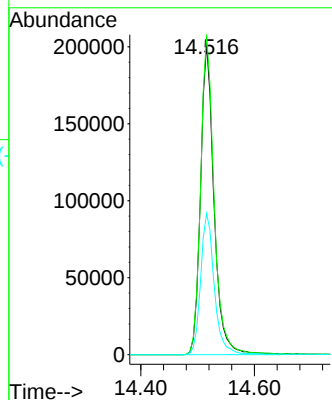
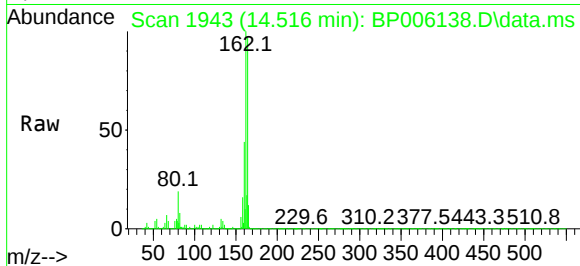




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

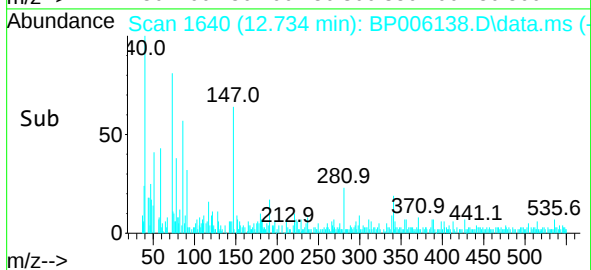
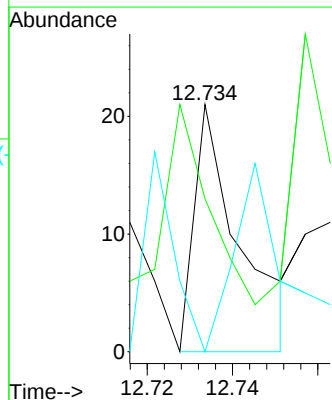
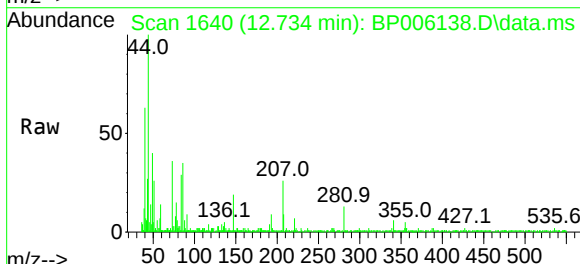
Instrument :
BNA_P
ClientSampleId :
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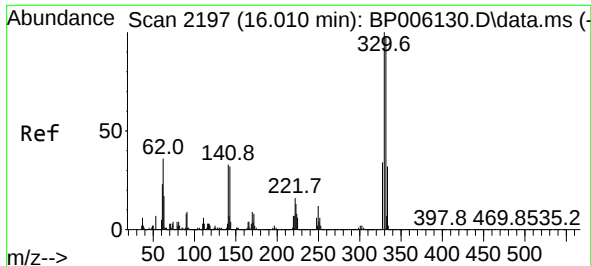
Tgt Ion:164 Resp: 333301
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 45.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.711 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.053 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 61.9 44.5 84.5
272 0.0 0.0 32.5

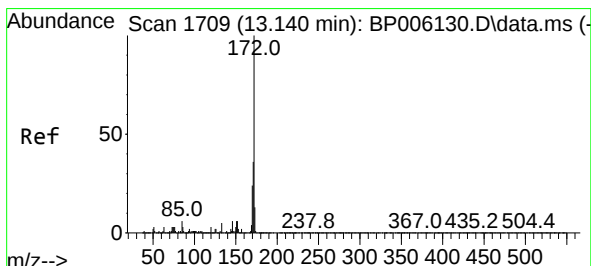
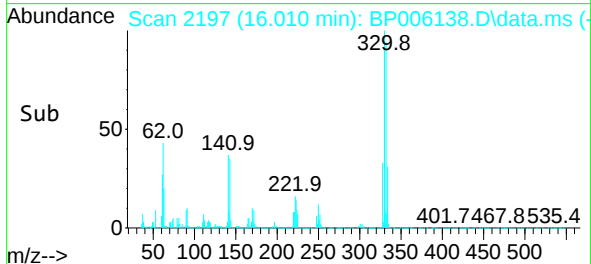
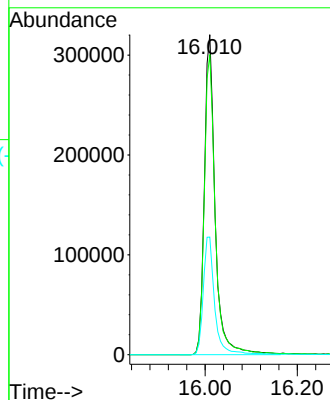
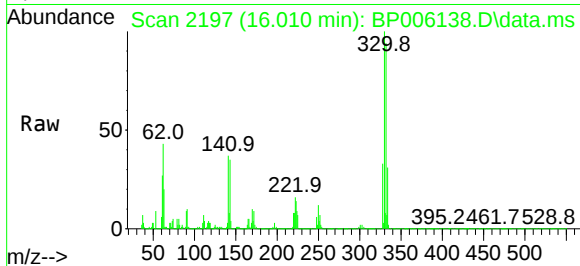




#42
2,4,6-Tribromophenol
Concen: 131.576 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

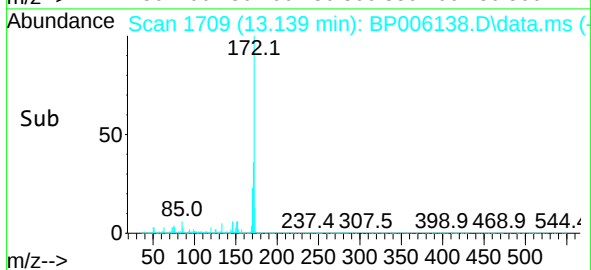
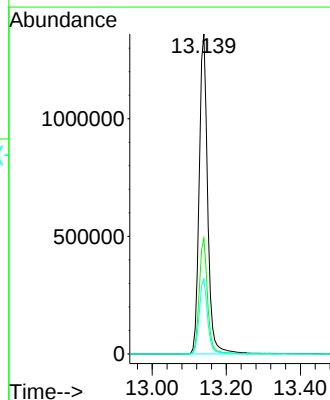
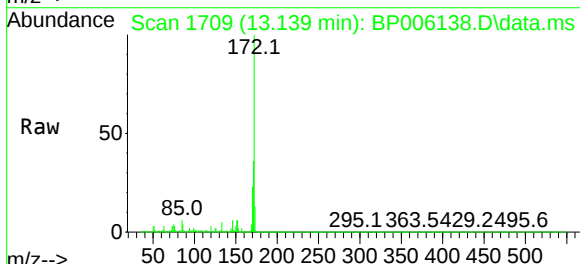
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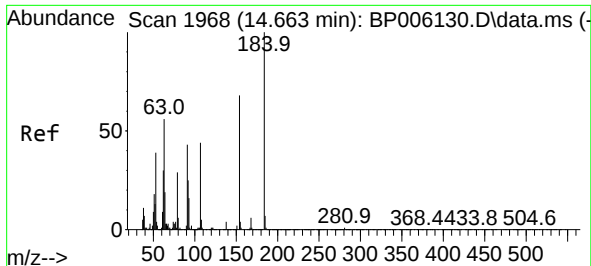
Tgt Ion:330 Resp: 522114
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 39.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 95.894 ng
RT: 13.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:172 Resp: 2161988
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.5 18.6 27.8

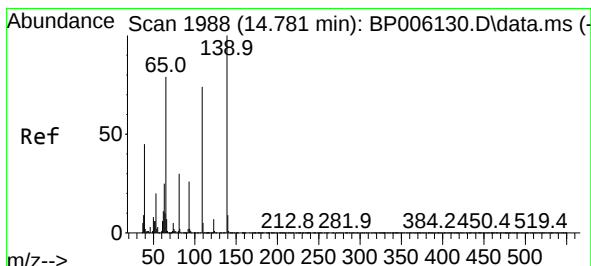
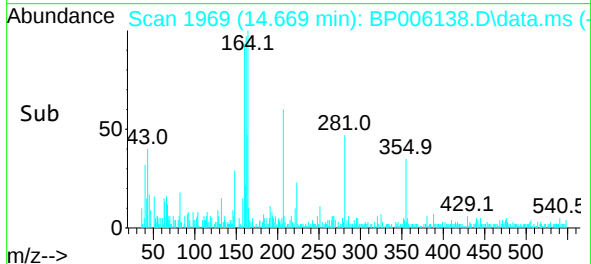
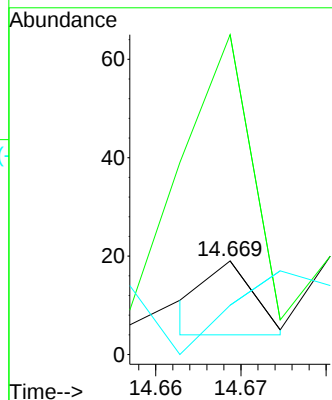
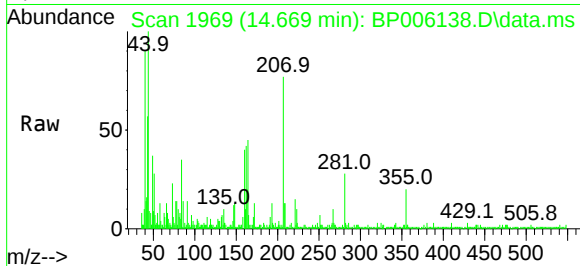




#54
2,4-Dinitrophenol
Concen: 8.882 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

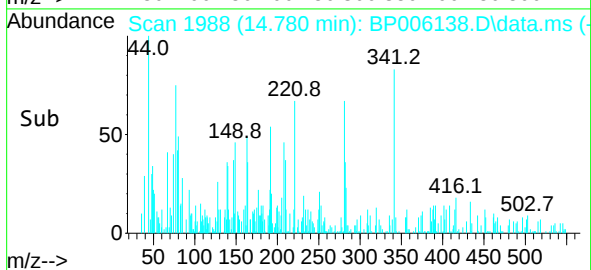
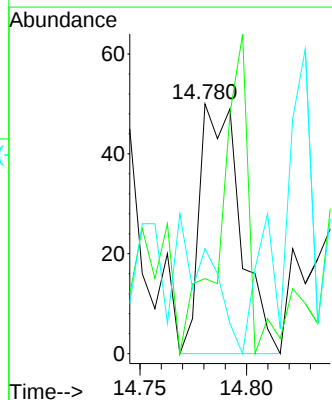
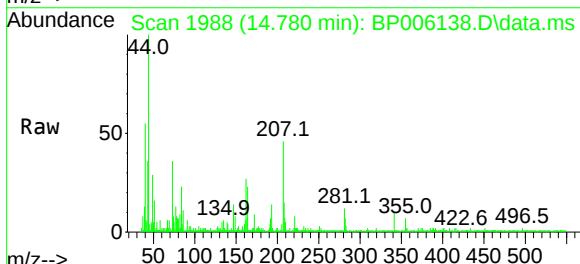
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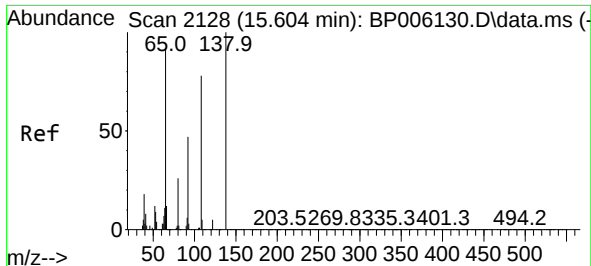
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 342.1 47.0 70.6#
154 52.6 52.3 78.5



#56
4-Nitrophenol
Concen: 7.139 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 30.0 72.3 112.3#
65 42.0 72.5 112.5#

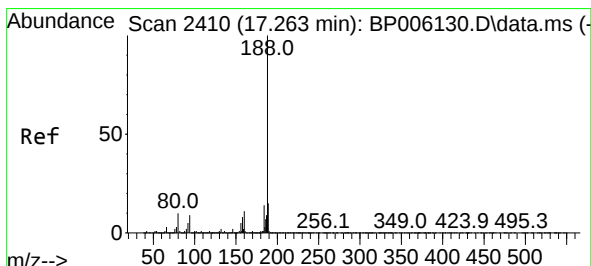
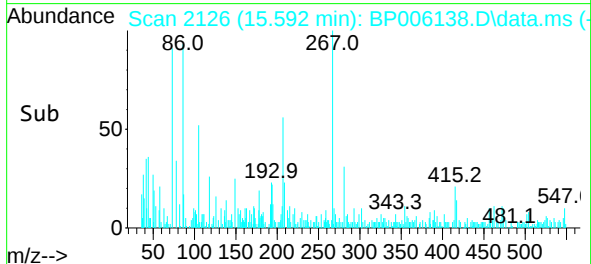
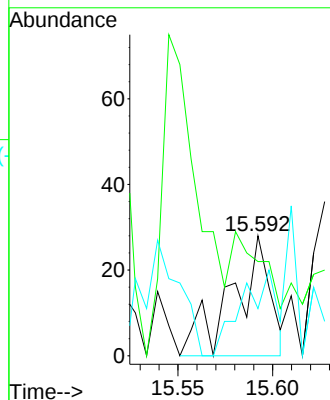
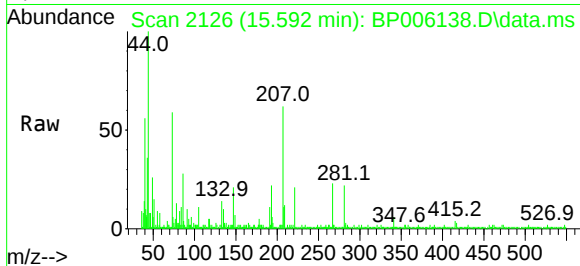




#62
4-Nitroaniline
Concen: 2.965 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

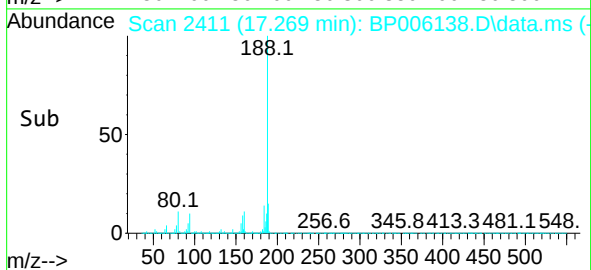
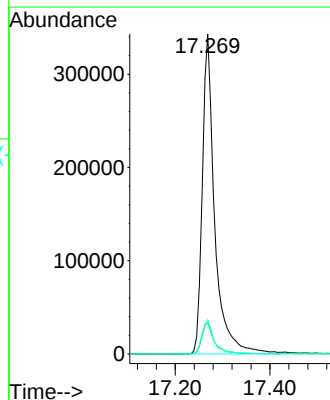
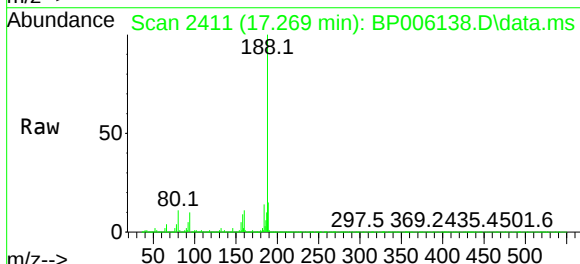
Instrument :
BNA_P
ClientSampleId :
PB137554BL

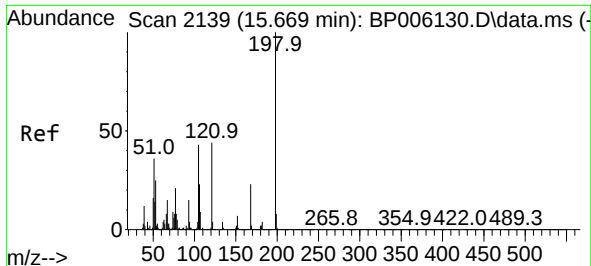
Tgt Ion:138 Resp: 39
Ion Ratio Lower Upper
138 100
92 78.6 31.2 71.2#
108 39.3 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:188 Resp: 621754
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.7 6.3 9.5#

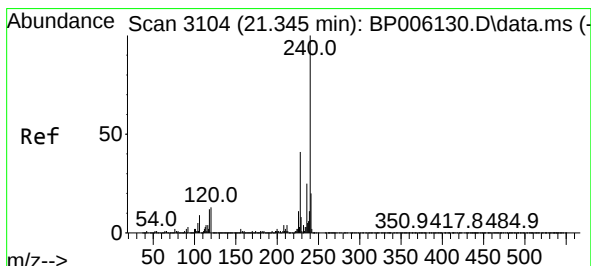
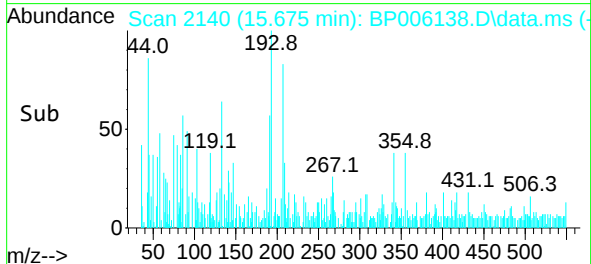
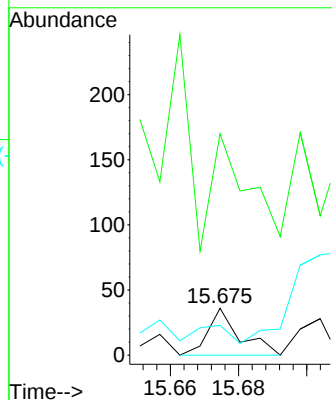
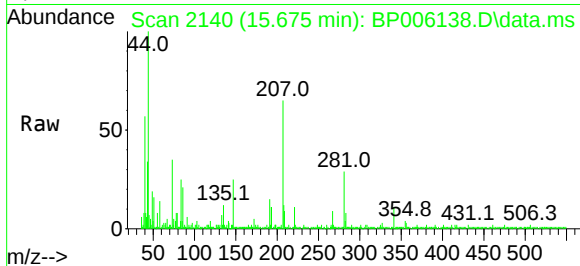




#65
4,6-Dinitro-2-methylphenol
Concen: 4.424 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

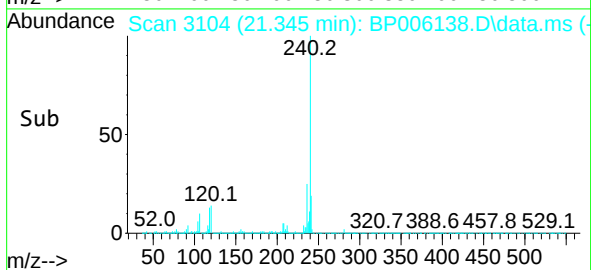
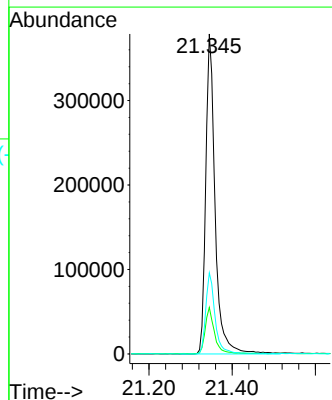
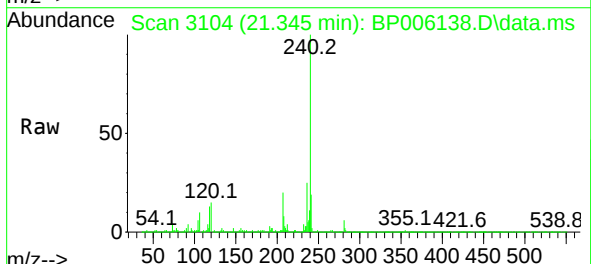
Instrument :
BNA_P
ClientSampleId :
PB137554BL

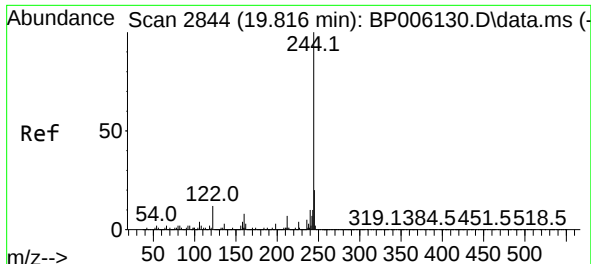
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 472.2 14.0 54.0#
105 63.9 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:240 Resp: 595244
Ion Ratio Lower Upper
240 100
120 14.6 6.5 9.7#
236 25.4 20.6 31.0

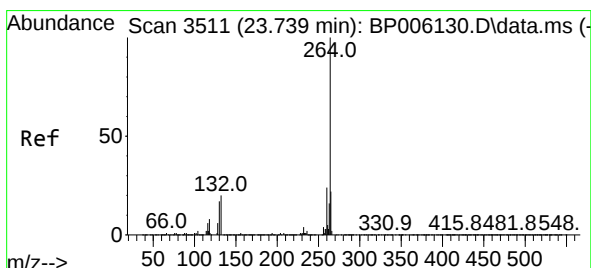
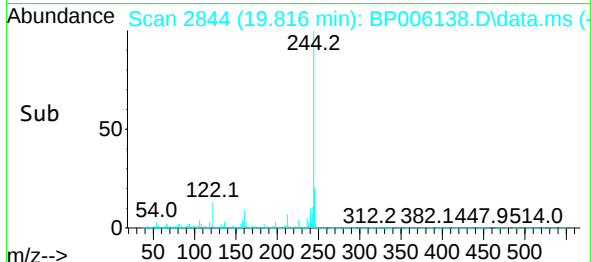
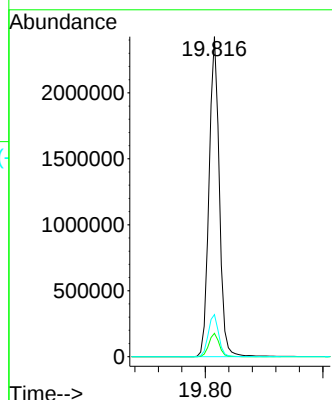
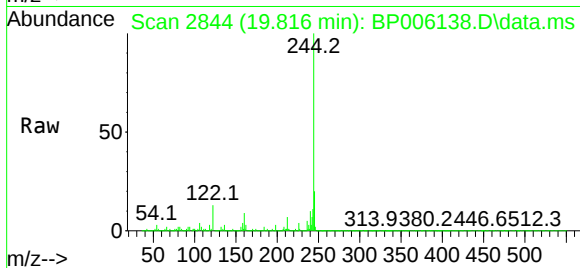




#79
Terphenyl-d14
Concen: 97.719 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Instrument :
BNA_P
ClientSampleId :
PB137554BL

Tgt Ion:244 Resp: 2950184
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.2 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.000 min
Lab File: BP006138.D
Acq: 08 Jul 2021 14:04

Tgt Ion:264 Resp: 699289
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.8 17.6 26.4

