

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006209.D
 Acq On : 13 Jul 2021 20:00
 Operator : CG/JU
 Sample : M3013-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11995

Quant Time: Jul 14 01:26:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

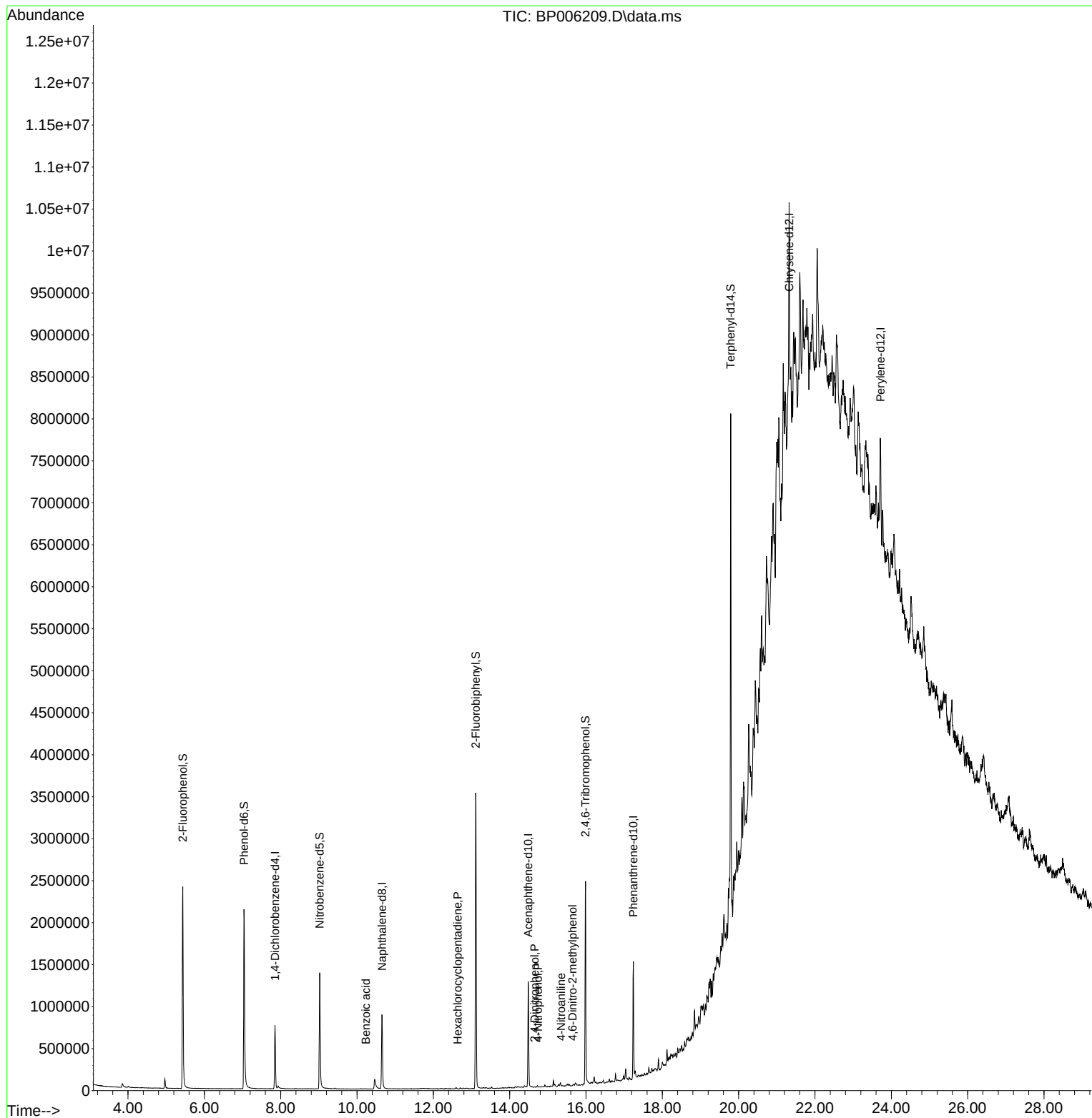
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	217957	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	863859	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	438125	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	801991	20.000	ng	#-0.01
76) Chrysene-d12	21.322	240	800684	20.000	ng	# 0.00
86) Perylene-d12	23.716	264	964683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1247085	98.450	ng	0.00
7) Phenol-d6	7.040	99	1505583	89.857	ng	0.00
23) Nitrobenzene-d5	9.022	82	876481	64.088	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	469651	90.038	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1905079	64.282	ng	-0.01
79) Terphenyl-d14	19.792	244	2451964	60.378	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.234	122	290	6.931	ng	97
41) Hexachlorocyclopentadiene	12.634	237	8	8.702	ng	84
54) 2,4-Dinitrophenol	14.651	184	20	8.884	ng	# 1
56) 4-Nitrophenol	14.740	139	288	7.172	ng	# 25
62) 4-Nitroaniline	15.345	138	249	2.990	ng	95
65) 4,6-Dinitro-2-methylph...	15.651	198	14	4.421	ng	# 1

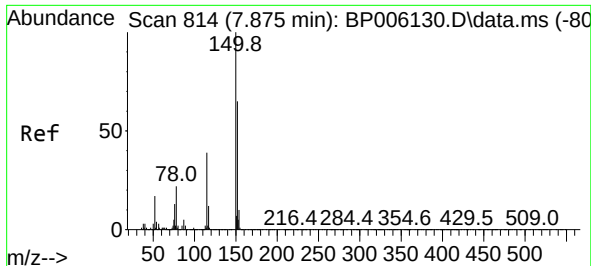
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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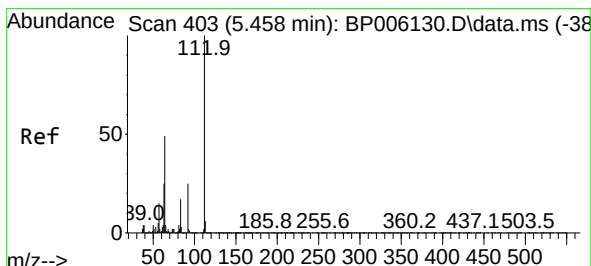
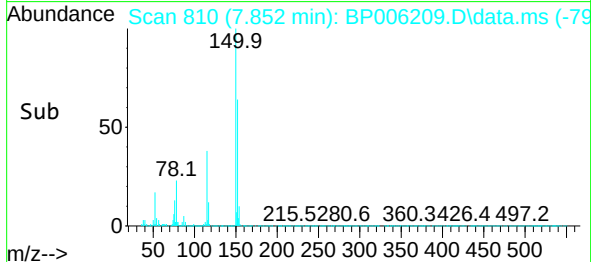
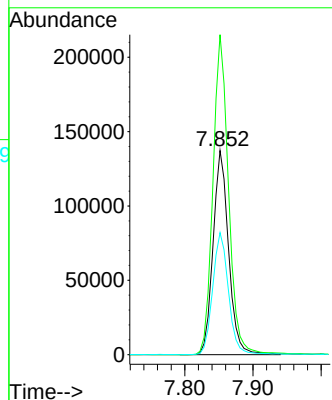
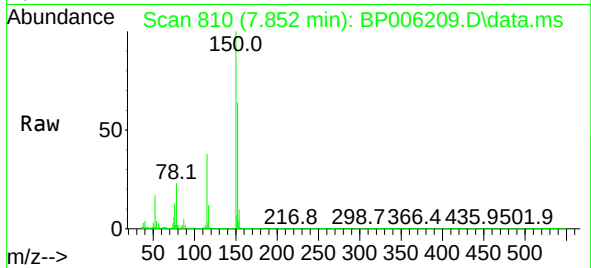




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

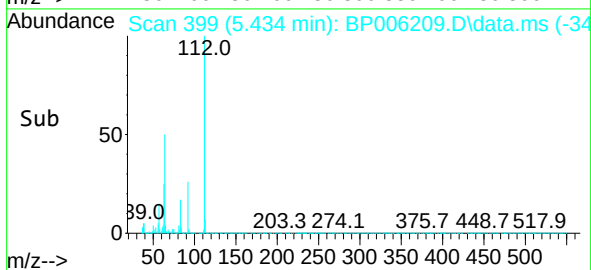
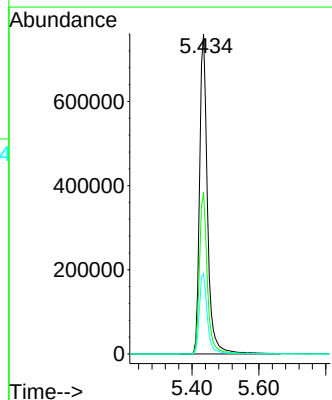
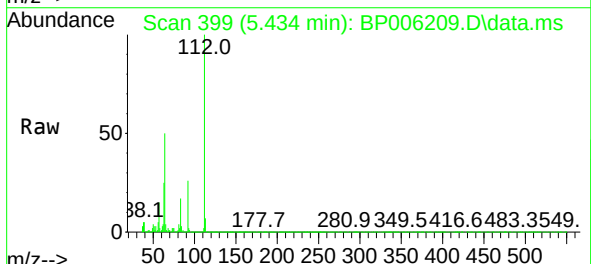
Instrument :
BNA_P
ClientSampleId :
72-11995

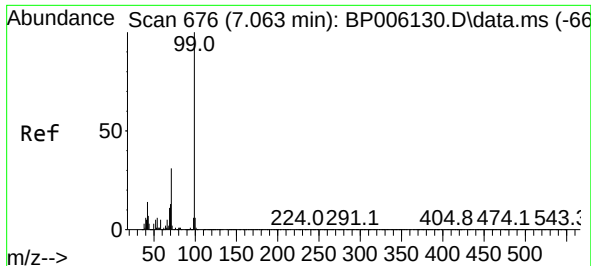
Tgt Ion:152 Resp: 217957
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 59.8 48.5 72.7



#5
2-Fluorophenol
Concen: 98.450 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:112 Resp: 1247085
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 25.1 23.8 35.8

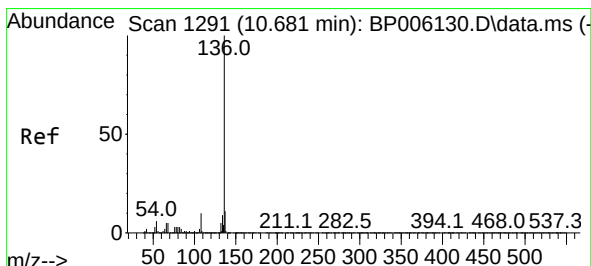
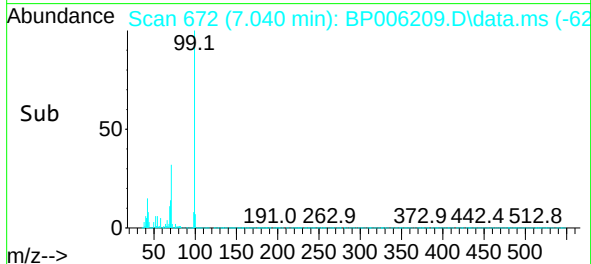
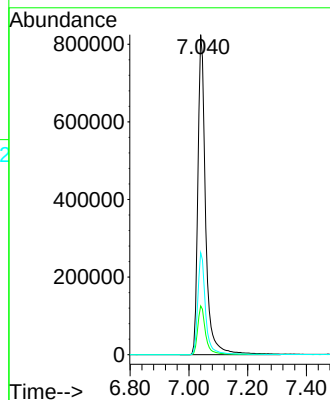
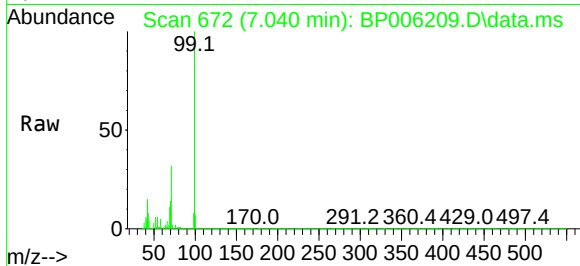




#7
Phenol-d6
Concen: 89.857 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.005 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

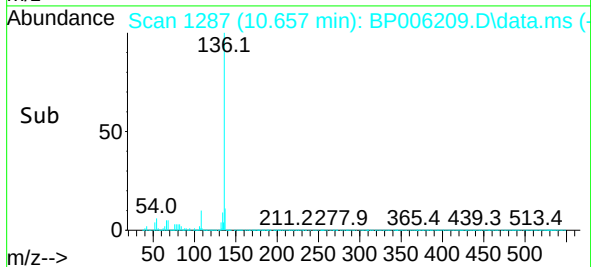
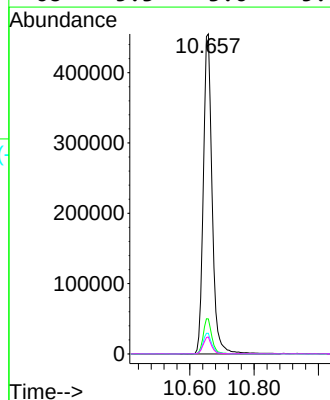
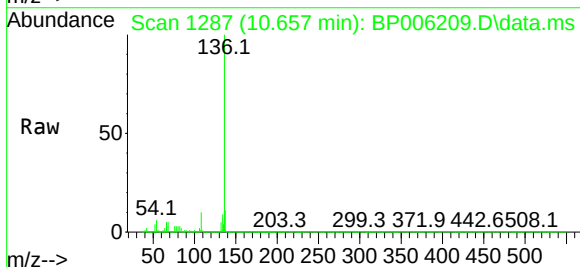
Instrument :
BNA_P
ClientSampleId :
72-11995

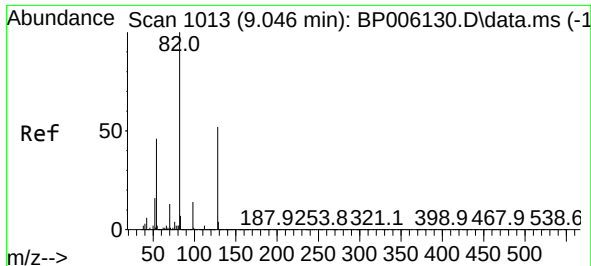
Tgt Ion: 99 Resp: 1505583
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 31.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion: 136 Resp: 863859
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.4 4.6 6.8
68 5.3 3.6 5.4

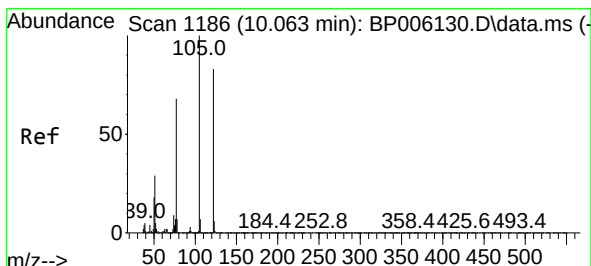
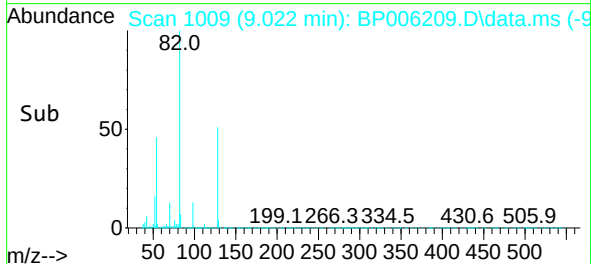
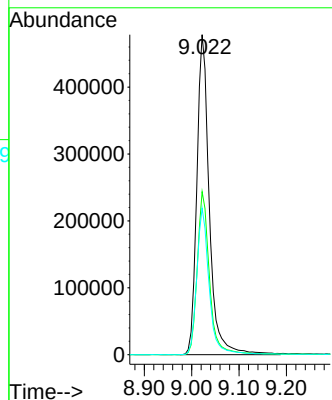
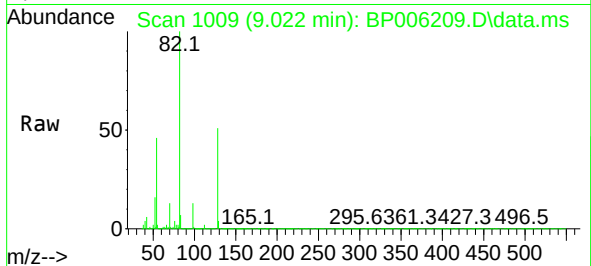




#23
Nitrobenzene-d5
Concen: 64.088 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

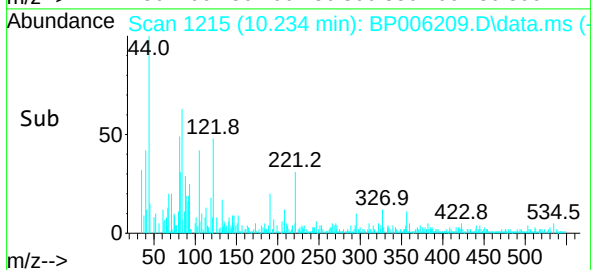
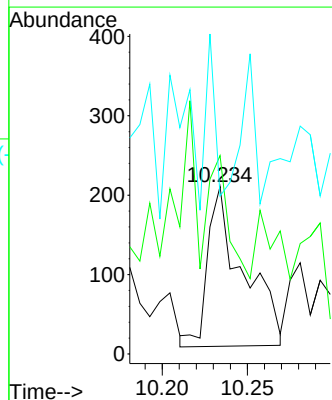
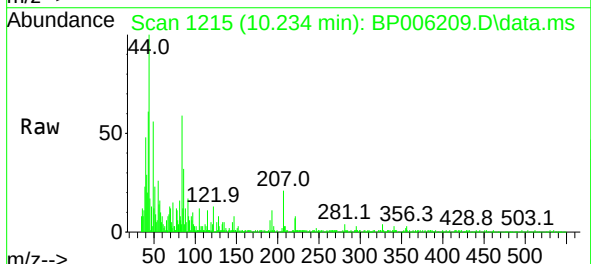
Instrument :
BNA_P
ClientSampleId :
72-11995

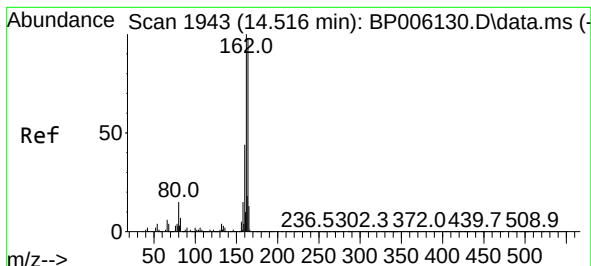
Tgt Ion: 82 Resp: 876481
Ion Ratio Lower Upper
82 100
128 51.0 35.7 53.5
54 45.8 35.0 52.4



#32
Benzoic acid
Concen: 6.931 ng
RT: 10.234 min Scan# 1215
Delta R.T. 0.171 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion: 122 Resp: 290
Ion Ratio Lower Upper
122 100
105 118.5 103.2 143.2
77 94.3 76.2 116.2

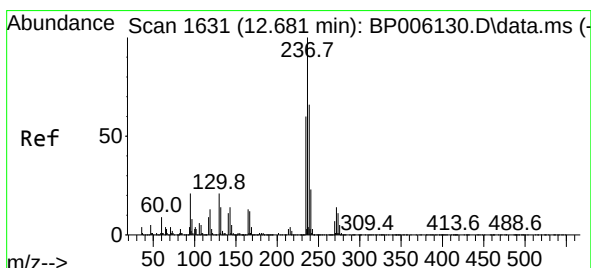
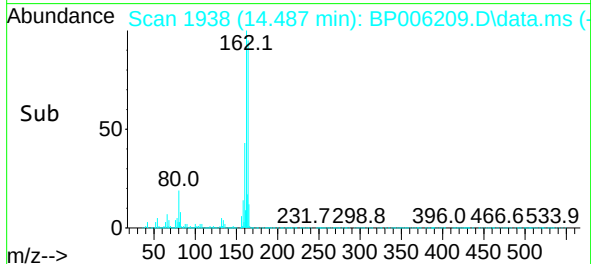
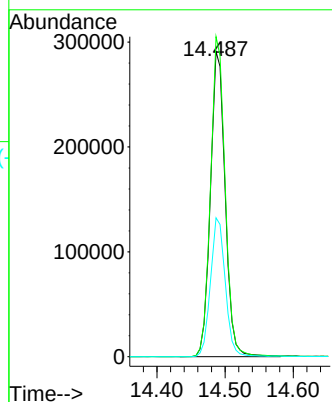
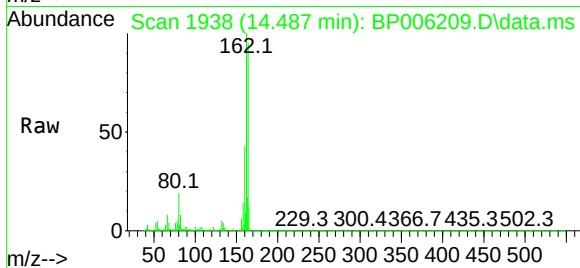




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

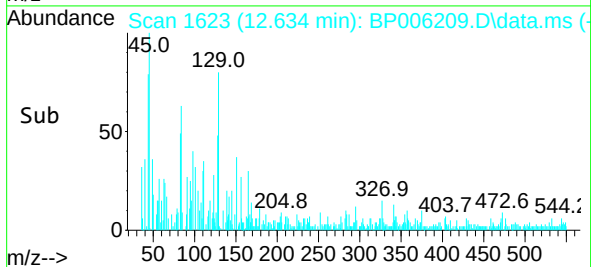
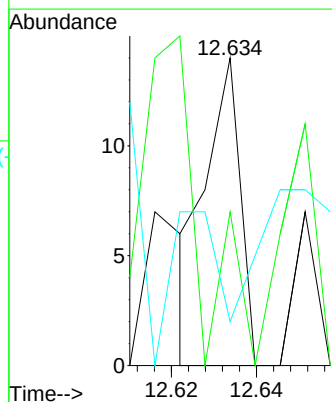
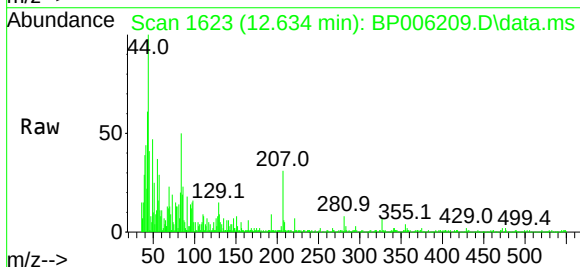
Instrument :
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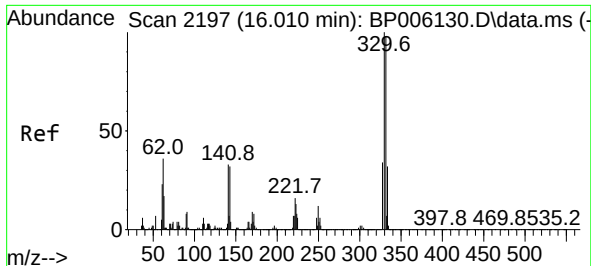
Tgt Ion:164 Resp: 438125
Ion Ratio Lower Upper
164 100
162 104.9 80.2 120.2
160 45.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.702 ng
RT: 12.634 min Scan# 1623
Delta R.T. -0.035 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 50.0 44.5 84.5
272 14.3 0.0 32.5

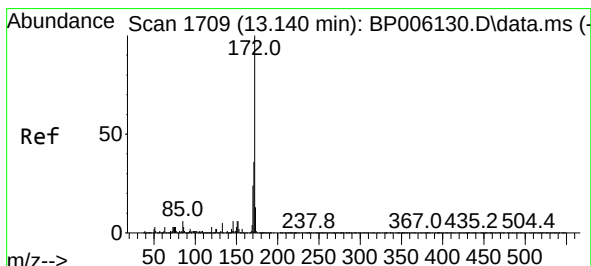
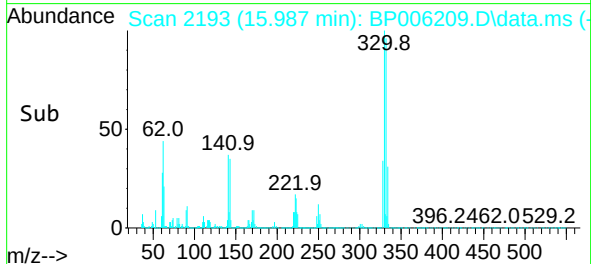
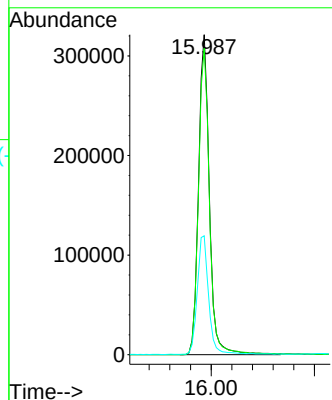
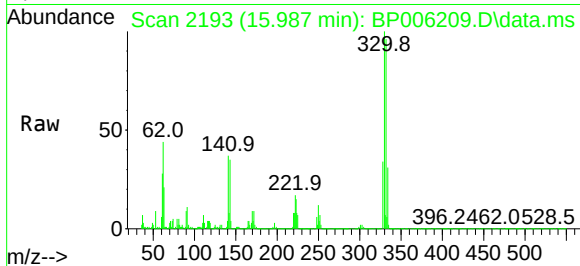




#42
2,4,6-Tribromophenol
Concen: 90.038 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

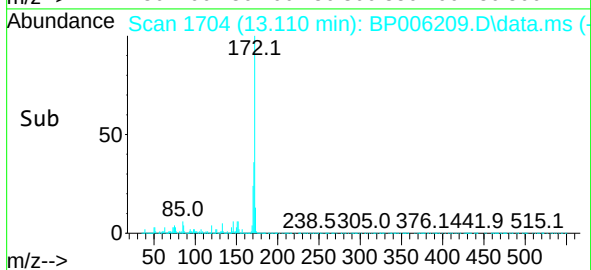
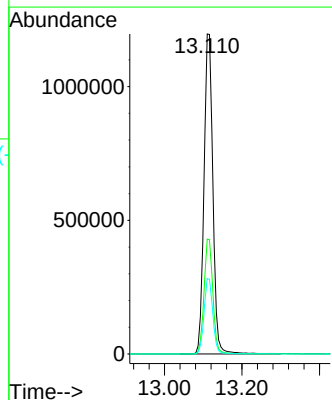
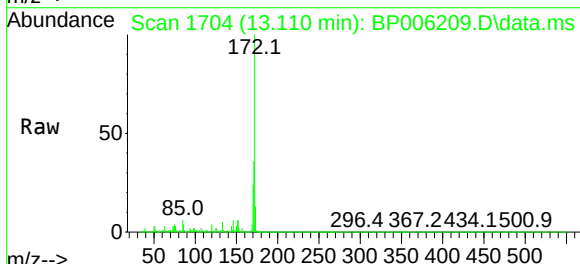
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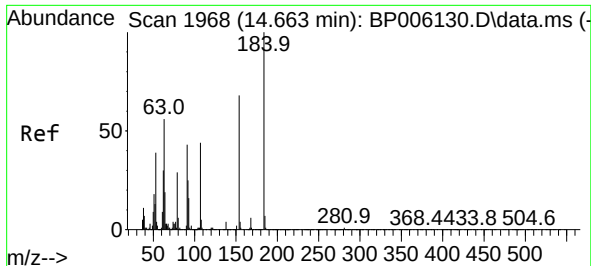
Tgt Ion:330 Resp: 469651
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 38.8 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 64.282 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:172 Resp: 1905079
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.5 18.6 27.8

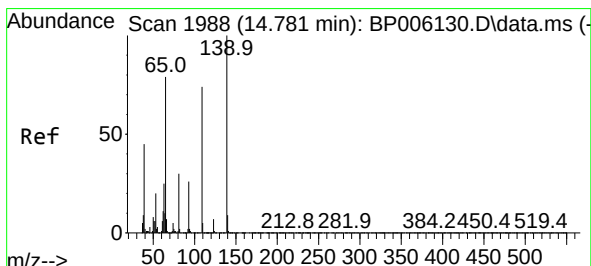
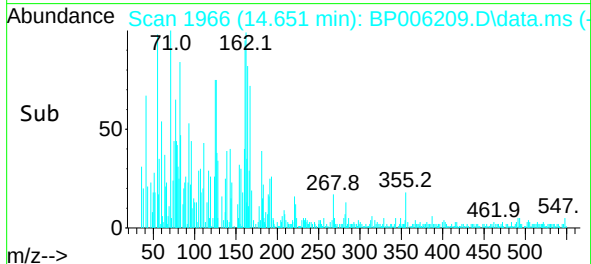
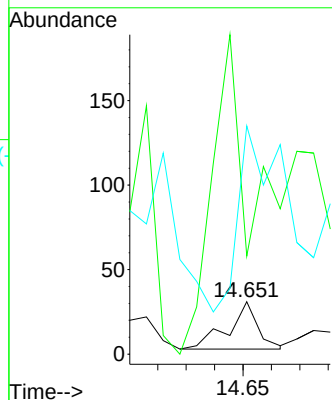
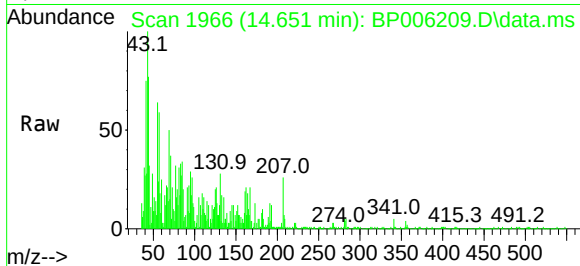




#54
2,4-Dinitrophenol
Concen: 8.884 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

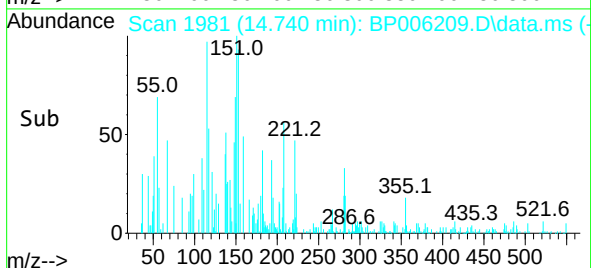
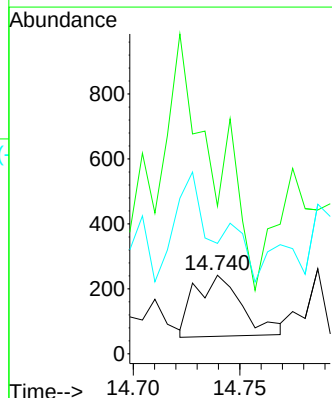
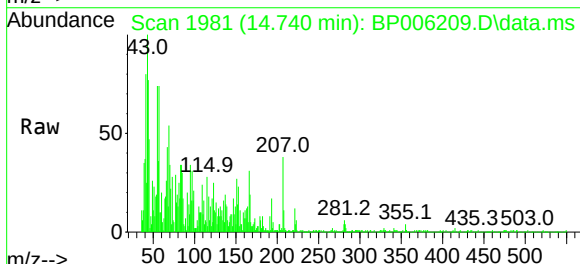
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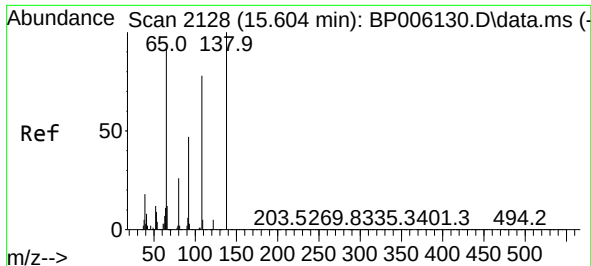
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 187.1 47.0 70.6#
154 435.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.172 ng
RT: 14.740 min Scan# 1981
Delta R.T. -0.029 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:139 Resp: 288
Ion Ratio Lower Upper
139 100
109 188.0 72.3 112.3#
65 140.5 72.5 112.5#

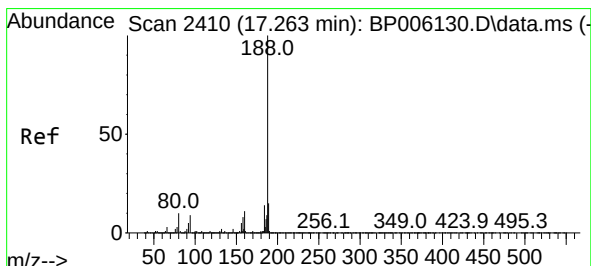
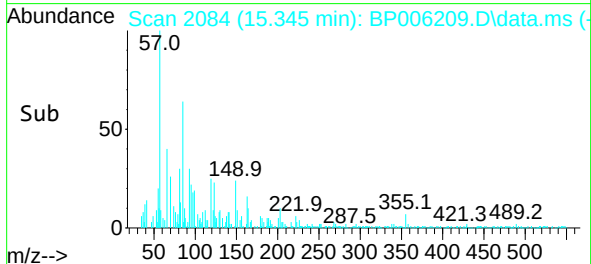
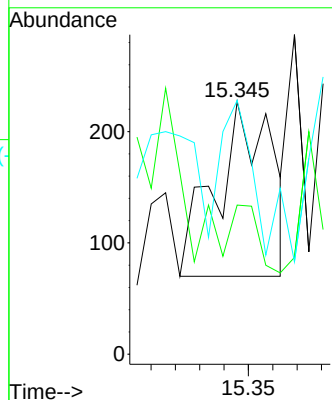
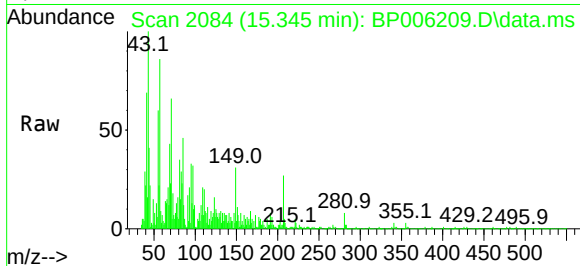




#62
4-Nitroaniline
Concen: 2.990 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.247 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

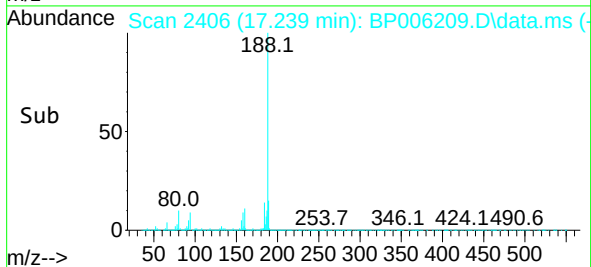
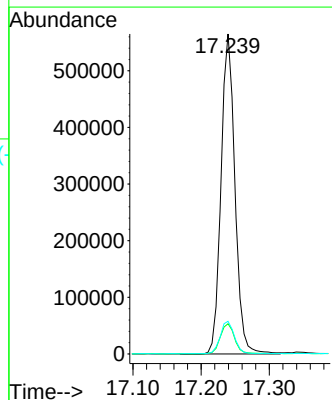
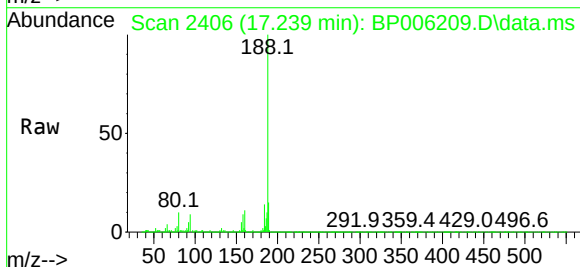
Instrument :
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72-11995

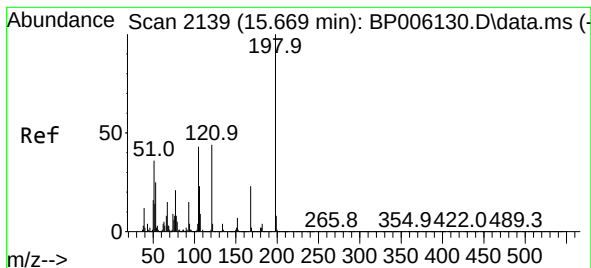
Tgt Ion:138 Resp: 249
Ion Ratio Lower Upper
138 100
92 59.0 31.2 71.2
108 100.4 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:188 Resp: 801991
Ion Ratio Lower Upper
188 100
94 9.5 5.6 8.4#
80 10.2 6.3 9.5#

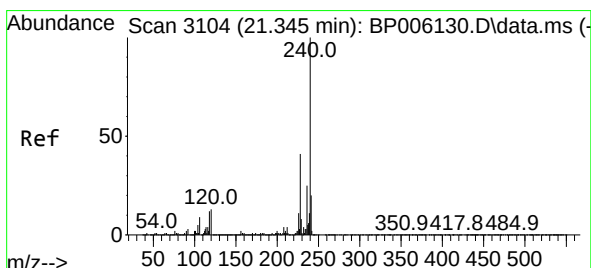
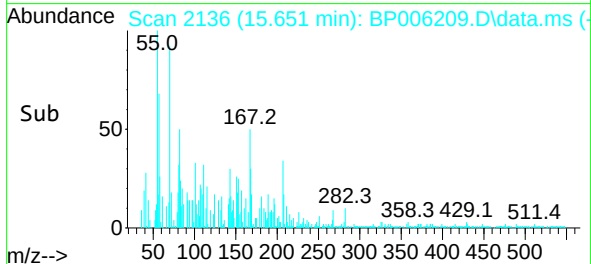
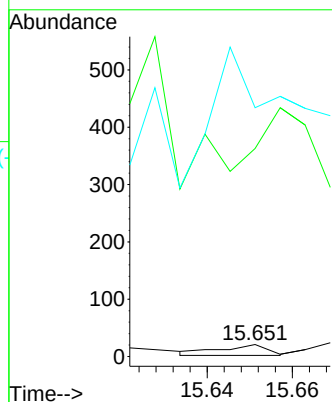
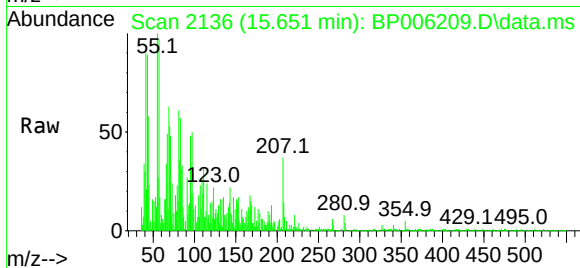




#65
4,6-Dinitro-2-methylphenol
Concen: 4.421 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

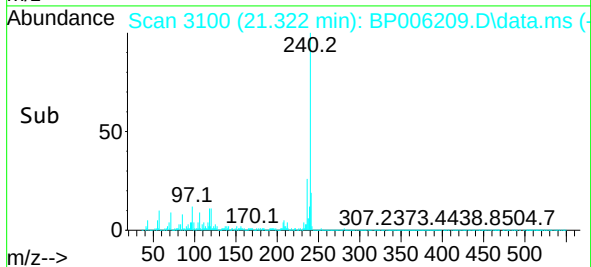
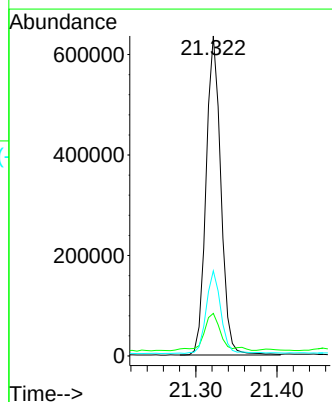
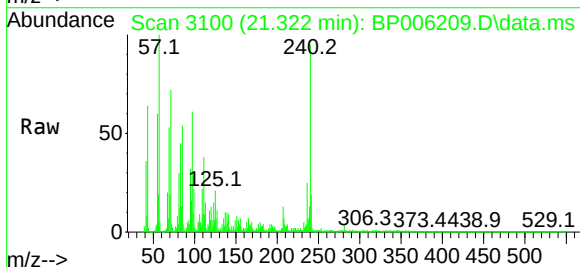
Instrument :
BNA_P
ClientSampleId :
72-11995

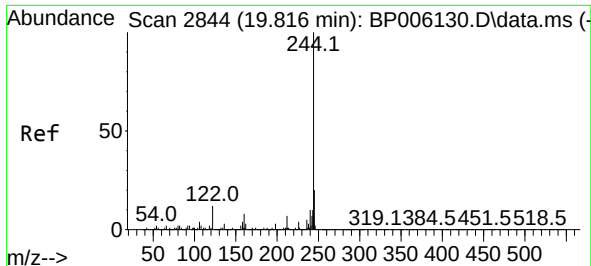
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1728.6 14.0 54.0#
105 2066.7 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.005 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:240 Resp: 800684
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 26.6 20.6 31.0

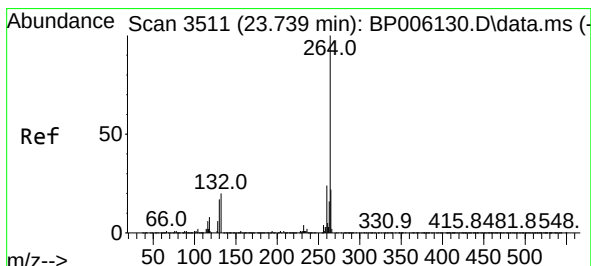
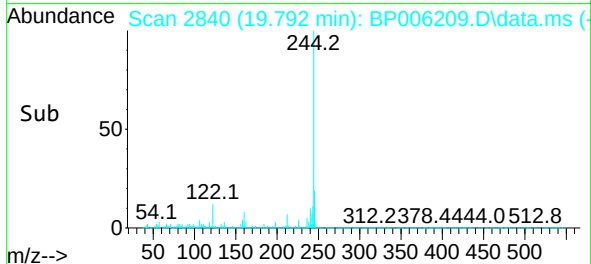
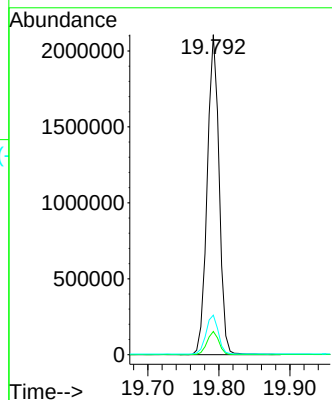
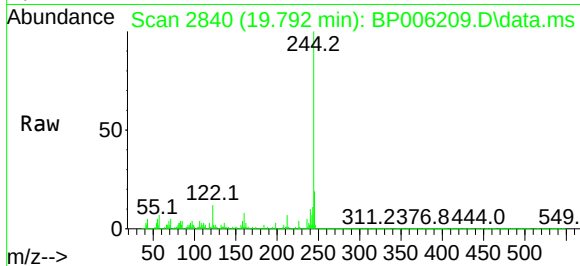




#79
Terphenyl-d14
Concen: 60.378 ng
RT: 19.792 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Instrument :
BNA_P
ClientSampleId :
72-11995

Tgt Ion:244 Resp: 2451964
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.3 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BP006209.D
Acq: 13 Jul 2021 20:00

Tgt Ion:264 Resp: 964683
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.9 17.6 26.4

